CITY OF PORT WENTWORTH

CITY COUNCIL

MAY 27, 2021

Council Meeting Room	Regular Meeting	6:30 PM

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

2. PRAYER AND PLEDGE OF ALLEGIANCE

3. ROLL CALL - CLERK OF COUNCIL

4. APPROVAL OF AGENDA

5. RECOGNITION OF SPECIAL GUESTS

6. ELECTIONS & APPOINTMENTS

A. Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP

7. ADOPTION OF MINUTES

A. City Council - Regular Meeting - Apr 22, 2021 6:30 PM

8. COMMUNICATIONS & PETITIONS

A. DISCUSSION - City Manager Updates

B. DISCUSSION - The American Rescue Plan Act

C. DISCUSSION - Offer to Purchase Wireless Ground Easements

D. DISCUSSION - Chapter 3, Port Wentworth, Georgia Code of Ordinances, Alcoholic Beverages

9. COMMITTEE REPORTS

A. Committee Reports

10. CONSENT AGENDA

11. UNFINISHED BUSINESS

12. NEW BUSINESS

A. Amendment of the City of Port Wentworth Fire Protection Fee Ordinance

B. Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit

C. Proposal for Professional Services for the Port Wentworth Sewer Pump Station Capacity Study

D. Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21 2nd Reading

- Public Hearing
- Action

E. Subdivision Application Mulberry Tract Phase II FINAL PLAT

- Public Hearing
- Action

F. Subdivision Application Lakeside at Rice Hope Phase 1C-2 Final Plat

- Public Hearing
- Action

G. Site Plan Review Application (General) 7-0975-01-025 Tract B

- Public Hearing
- Action

H. Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites

- Public Hearing
- Action

I. Site Plan Review Application (General) 7-0977-01-028 Lineage

- Public Hearing
- Action

J. Site Plan Review Application (General) 7-0907-01-003 Novare

- Public Hearing
- Action

13. RESOLUTIONS/ORDINANCES/PROCLAMATIONS

A. Ordinance No. 21-01, Budget FY22, First Reading

- Public Hearing
- Action

14. EXECUTIVE SESSION

A. Property Acquisition

15. PUBLIC COMMENTS - REGISTERED SPEAKERS

16. ADJOURNMENT

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Administration
Category: Appointment
Prepared By: Shanta Scarboro
Department Head: Shanta Scarboro

AGENDA ITEM (ID # 2440)

DOC ID: 2440

Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP

Issue/Item: Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP.

Background: The City of Port Wentworth wishes to engage the services of Holland, Bromley, Barnhill & Brett LLP to provide accounting services, including but not limited to: bookkeeping, bank reconciliations, journal entries, tax reporting and other required services. Services will be performed on a monthly, semi-annual, and annual basis covering the fiscal year of July 1, 2021 - June 30, 2022.

All services will be performed in accordance with the United States of America Generally Accepted Accounting Principles (GAAP) as the financial reporting framework. The engagement will also be conducted in accordance with Statements on Standards for Accounting and Review Services (SSARSs) promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants (AICPA) and comply with the AICPA's Code of Professional Conduct, including the ethical principles of integrity, objectivity, professional competence, and due care.

Shannon Brett, CPA, CFE, MBA is the engagement partner and is responsible for supervising the engagement and signing all required reports or authorizing another agent to sign.

Recommendation: Approval.

ATTACHMENTS:

- HBB&B Engagement Letter FY22 (PDF)

Holland, Bromley, Barnhill & Brett LLP
Certified Public Accountants and Business Advisors

Christopher H. Holland, CPA
S. Stewart Bromley, CPA
Ronnie A. Barnhill, Jr., CPA
Shannon L. Brett, CPA, CFE

Attachment: HBB&B Engagement Letter FY22 (2440 : Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP)

May 27, 2021

Ed Booth, City Manager
City of Port Wentworth
7224 GA Highway 21
Port Wentworth, Georgia 31407

We are please to confirm our understanding of the monthly, semi-annual, and annual services services we are to provide for the City of Port Wentworth ("the City") covering the fiscal year of July 1, 2021 - June 30, 2022.

You have requested that we provide accounting services for the City including, but not limited to, bookkeeping, tax, and other services required by the City. All services performed by us will be based on information that the City provides.

Our Responsibilities

The objective of our engagement is to perform the following accounting services for the City:

- Monthly
    - Bank reconciliations
    - Hotel/Motel fund reconciliation
    - Municipal Court fund reconciliation
    - Pooled cash transfer
    - Review payroll entries
    - SPLOST reconciliation
    - Asset replacement journals
    - Additional general ledger account reconciliations, as needed
- Semi-annual
    - Fixed asset rollforward, depreciation calculation, CIP tracking
    - Prepaid insurance calculation
    - Property and related tax journals
    - Customer deposit journals

530 Stephenson Ave, Suite 200
Savannah, Georgia 31405

PHONE 912.235.3410
FAX 912.235.3414

HBBBCPA.com

- Annually
    - Preparation of the Comprehensive Annual Financial Report, including MD&A, supplementary information, and statistical data
    - Assistance with audit as directed by the City Administrator
    - Preparation of various Department of Community Affairs (DCA) reports
    - Hotel-Motel Tax Report
    - Debt service journals, including allocation between short and long-term using amortization schedules
    - Compensated absences calculation
    - Report of Local Government Finances
    - Governmental accounting consultation, as needed

We will provide the above accounting services in accordance with accounting principles generally accepted in the United States of America based on information provided by you. We will conduct our engagement in accordance with Statements on Standards for Accounting and Review Services (SSARSs) promulgated by the Accounting and Review Services Committee of the AICPA and comply with applicable professional standards, including the AICPA's *Code of Professional Conduct*, and its ethical principles of integrity, objectivity, professional competence, and due care, when preparing the financial information and performing the engagement.

We are not required to, and will not, verify the accuracy or completeness of the information you will provide to us for the engagement or otherwise gather evidence for the purpose of expressing an opinion or a conclusion. Accordingly, we will not express an opinion, a conclusion, nor provide any assurance on the financial statements.

Our engagement cannot be relied upon to identify or disclose any misstatements, including those caused by fraud or error, or to identify or disclose any wrongdoing within the entity or noncompliance with laws and regulations.

Your Responsibilities

The engagement to be performed is conducted on the basis that management acknowledges and understands that our role is the responsibilities detailed above. Management has the following overall responsibilities that are fundamental to our undertaking the engagement in accordance with SSARS:

1) The selection of accounting principles generally accepted in the United States of America as the financial reporting framework to be applied in the preparation of the financial information.
2) The preparation and fair presentation of the accounting services in accordance with accounting principles generally accepted in the United States of America.

Attachment: HBB&B Engagement Letter FY22 (2440 : Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP)

3) The design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statements that are free from material misstatement, whether due to fraud or error.
4) The prevention and detection of fraud.
5) To ensure that the entity complies with the laws and regulations applicable to its activities.
6) The accuracy and completeness of the records, documents, explanations, and other information, including significant judgments, you provide to us for the engagement.
7) To provide us with—
   - access to all information of which you are aware is relevant to the completion and fair presentation of accounting services, such as records, documentation, and other matters.
   - additional information that we may request from management for the purpose of the accounting services.
   - unrestricted access to persons within the City of whom we determine it necessary to make inquiries.

You are also responsible for all management decisions and responsibilities and for designating an individual with suitable skills, knowledge, and experience to oversee the accounting services. The reconciliations, schedules, and other documents prepared will not be accompanied by a report. You agree that the financial statements and reports will clearly indicate that no assurance is provided on this information. You are responsible for evaluating the adequacy and results of the accounting services performed and accepting responsibility for such services.

Other Relevant Information

In order to complete our work efficiently, we anticipate cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the work performed. Our fees will be based on the type and timing of our services. Below is a schedule showing an estimated range of fees. Services billed will involve an hourly rate of approximately $125 which will also apply to all services requested and provided outside the scope of those listed above.

Activity	Timeframe	Estimated Fee Range
Monthly and Semi-annual Services	July 2021 - June 2022	$3,500 - $3,900 per month
Annual Services	Fiscal year ending June 30, 2022	$21,000 - $26,000

The estimated hours are based on our discussions with you and our accounting work related to the June 30, 2021 fiscal year. In the event actual hours are on track to differ from the estimated hours, we will communicate with you as soon as we become aware of such a situation and before we incur additional costs.

Attachment: HBB&B Engagement Letter FY22 (2440 : Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP)

You agree to hold us harmless and to release, indemnify, and defend us from any liability or costs, including attorney's fees, resulting from management's knowing misrepresentations to us.

We appreciate the opportunity to be of service to you and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you acknowledge and agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Sincerely,



Holland, Bromley, Barnhill & Brett, LLP

ACKNOWLEDGED:

_____ _____

Ed Booth, City Manager
City of Port Wentworth

Date

Attachment: HBB&B Engagement Letter FY22 (2440 : Appointment of Certified Public Accounting Firm Holland, Bromley, Barnhill, & Brett LLP)

CITY OF PORT WENTWORTH

CITY COUNCIL

APRIL 22, 2021

Council Meeting Room | **Regular Meeting** | **6:30 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Mayor Gary Norton called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Reverend Paul Mongin, Pastor of First Baptist Church of Port Wentworth, led in prayer and Mayor Norton led in the Pledge of Allegiance.

3. ROLL CALL - CLERK OF COUNCIL

Attendee Name	Title	Status	Arrived
Gary Norton	Mayor	Present	
Linda Smith	Mayor Pro Tem	Present	
Donald Hodges	Council Member	Present	
Mark Stephens	Council Member	Present	
Lynwood Griner	Council Member	Present	
Glenn Jones	Council Member	Present	
Thomas Barbee	Council Member	Present	
James L. Coursey	City Attorney	Present	
Edwin L. Booth	City Manager	Present	
Shanta Scarboro	Clerk of Council	Present	
Brian Harvey	Director of Development Services	Present	
Lance Moore	Chief of Fire Operations	Present	
Yolanda Irizarry	Director of Human Resources	Present	
Tiffany Lancaster	Director of Leisure Services	Present	
Matt Libby	Chief of Police	Present	
Chris Lee	Project Manager	Present	

4. APPROVAL OF AGENDA

Mayor Pro Tem Linda Smith made a motion to approve the agenda with the following additions and removals:

1. add the Coastal Regional Commission as item # 8A. under **Communications & Petitions** as this is a discussion matter only, no vote required, and

2. remove item #12F. Site Plan Review Application (General) PIN # 7-0035-01-007 Crossgate Road.

Seconded by Council Member Donald Hodges. Vote was unanimous.

5. RECOGNITION OF SPECIAL GUESTS

There were none to report.

6. ELECTIONS AND APPOINTMENTS

There were none to report.

Minutes Acceptance: Minutes of Apr 22, 2021 6:30 PM (Adoption of Minutes)

7. ADOPTION OF MINUTES

8. COMMUNICATIONS & PETITIONS

A. DISCUSSION - Coastal Regional Commission (CRC) Comprehensive Plan Review Process

9. COMMITTEE REPORTS

A. Committee Reports

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Lynwood Griner, Council Member
SECONDER:	Linda Smith, Mayor Pro Tem
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

10. CONSENT AGENDA

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Glenn Jones, Council Member
SECONDER:	Thomas Barbee, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

A. Sewerage System Improvements Pay Request No. 2 FINAL

B. Bonnybridge Secondary Outfall Improvements Pay Request No. 1

C. Waffle House Lift Station Pay Request No. 1

D. Coldstream Lift Station Pay Request No. 1

11. UNFINISHED BUSINESS

There were none to report.

12. NEW BUSINESS

A. Site Plan Review Application (Specific) 6000 Hwy 21

Joshua Cox of Buckel Design Group, on behalf of Parker's #16, was present to answer any questions of Mayor and Council.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Glenn Jones, Council Member
SECONDER:	Lynwood Griner, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

B. Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

Phillip McCorkle of Johnson, McCoy, LLP was present to answer any questions of Mayor and Council.

Minutes Acceptance: Minutes of Apr 22, 2021 6:30 PM (Adoption of Minutes)

RESULT:	**APPROVED [4 TO 2]**
MOVER:	Glenn Jones, Council Member
SECONDER:	Donald Hodges, Council Member
AYES:	Smith, Hodges, Griner, Jones
NAYS:	Stephens, Barbee

C. Zoning Map Amendment 8173 Old Hwy 21

Joe McNamee was present to answer any questions of Mayor and Council.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Mark Stephens, Council Member
SECONDER:	Lynwood Griner, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

D. Site Plan Review Application (Specific) Magellan Blvd Port City Car Wash

John Farmer of P.E., Fretus Engineering, LLC was present to answer any questions of Mayor and Council.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Donald Hodges, Council Member
SECONDER:	Lynwood Griner, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

E. Site Plan Review Application (General) PIN # 7-0976-02-027 Highway 30 Noble Vines

John Paul of Claret Communities, LLC was present to answer any questions of Mayor and Council.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Mark Stephens, Council Member
SECONDER:	Lynwood Griner, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

F. Site Plan Review Application (General) PIN # 7-0035-01-007 Crossgate Road

Phillip R. McCorkle sent an email on 04/20/2021 to Clerk of Council, Shanta Scarboro, requesting that agenda Item, 12.F, the Site Plan Review Application (General) PIN # 7-0035-01-007 Crossgate Road, be removed from the agenda.

RESULT:	**WITHDRAWN [UNANIMOUS]**
MOVER:	Linda Smith, Mayor Pro Tem
SECONDER:	Donald Hodges, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

13. RESOLUTIONS/ORDINANCES/PROCLAMATIONS

A. Resolution No. 21-01 - Elections

Minutes Acceptance: Minutes of Apr 22, 2021 6:30 PM (Adoption of Minutes)

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Thomas Barbee, Council Member
SECONDER:	Mark Stephens, Council Member
AYES:	Smith, Hodges, Stephens, Griner, Jones, Barbee

14. EXECUTIVE SESSION

There were none to report.

15. PUBLIC COMMENTS - REGISTERED SPEAKERS

Brenda Boulware, 1 Horne Place, expressed her concerns to Mayor and Council regarding the Planning Commission and the urgency for them to get the proper training needed to run the commission more efficiently.

16. ADJOURNMENT

There being no further business, Mayor Pro Tem Linda Smith made a motion to adjourn. Seconded by Council Member Donald Hodges. Vote was unanimous.

_____

Mayor Gary Norton

The foregoing minutes are true and correct and approved by me on this _____ day of _____, 2021.

ATTEST:

_____

Shanta M. Scarboro, Clerk of Council

Minutes Acceptance: Minutes of Apr 22, 2021 6:30 PM (Adoption of Minutes)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

SCHEDULED

Meeting: 05/27/21 06:30 PM
Department: City Administrator
Category: Report
Prepared By: Shanta Scarboro
Department Head: Edwin L. Booth

AGENDA ITEM (ID # 2448)

DOC ID: 2448

City Manager Updates

Issue/Item: City Manager Updates.

City Manager Edwin Booth would like to update Mayor and Council on the following:

1. Impact Fee Ordinance
2. Comprehensive Plan Review Process
3. City projects
4. Current FY21 Budget

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

SCHEDULED

Meeting: 05/27/21 06:30 PM
Department: City Administrator
Category: Grant
Prepared By: Shanta Scarboro
Department Head: Edwin L. Booth

AGENDA ITEM (ID # 2444)

DOC ID: 2444

DISCUSSION - The American Rescue Plan Act

Issue/Item: DISCUSSION - The American Rescue Plan Act.

Background: The American Rescue Plan Act (ARP; P.L. 117-2) was signed into law on March 11, 2021. It is the sixth COVID-19 relief bill enacted and provides approximately $1.9 trillion in assistance. It includes fiscal relief funding for state and local governments, education, housing, food assistance, and additional grant programs. The Governor's Office of Planning and Budget (OPB) is the prime recipient of the State and Local Fiscal Relief, Capital Investment Projects, and Emergency Rental Assistance Program. Other funds made available through federal relief acts are directly allocated to other state and local entities.

The Office of Planning and Budget will open an application period after receiving further guidance from the U.S. Treasury regarding programmatic criteria and reporting requirements for funds made available under the ARP for the purposes of State and Local Fiscal Recovery Funds.

Facts and Findings: Allowable uses outlined in the bill are limited to:

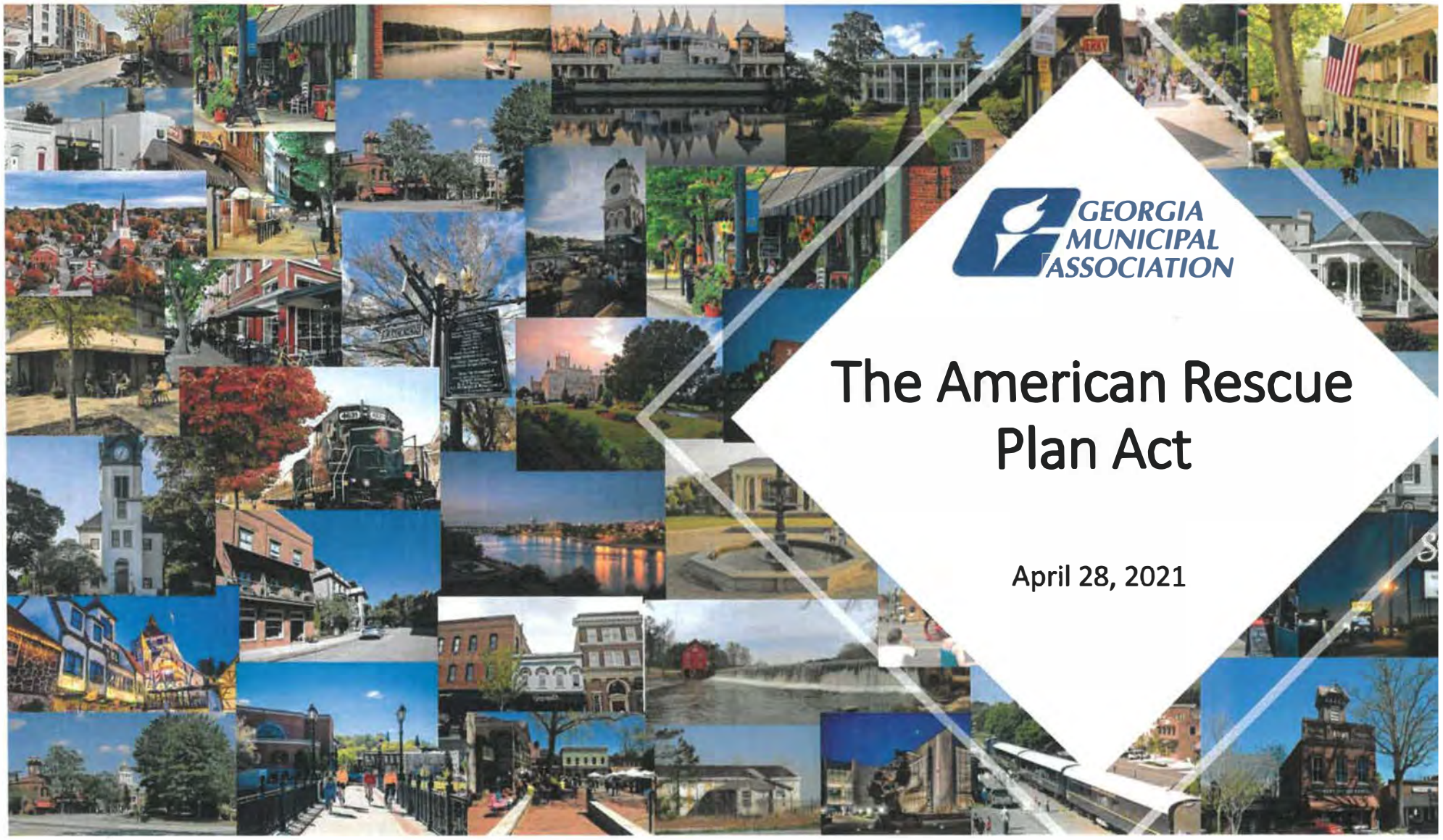
- Responding to or mitigate the public health emergency with respect to the COVID-19 emergency or its negative economic impacts;
- Providing government services to the extent of the reduction in revenue;
- Make necessary investments in water, sewer, or broadband infrastructure; and
- Responding to workers performing essential work during the COVID-19 public health emergency by providing premium pay to eligible workers of the county that are performing such essential work, or by providing grants to eligible employers that have eligible workers who perform essential work.

Funding: The total available funding is $862 million, and the expeditious delivery of these funds are essential. Detailed information about funding eligibility, application period, and timespan is forthcoming.

Recommendation: Consider how community goals can be met with ARP funds.

ATTACHMENTS:

- The American Rescue Plan (PDF)



The American Rescue Plan Act

April 28, 2021

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

American Rescue Plan Act - Overview

- Urgent Funding to Stabilize Government Operations, Households, and Small Businesses
- The American Rescue Plan Act became law on March 11th, 2021 (P.L. 117-2)
- For the first time, all 19,000 municipal governments are entitled to a direct, non-competitive federal formula grant from the U.S. Treasury Department.
- Direct funding means:
  - All cities, towns, and villages are entitled to a federal grant from the new Coronavirus Local Fiscal Recovery Fund.
  - Aid obligated to municipalities is not in any way mingled with aid obligated to state or county governments.
  - *Tell your "Respond, Rebuild, Recover" Story!*

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

American Rescue Plan Act - Overview

- More than $350 billion of new COVID-19 relief has been directly allocated to states, counties, cities, and tribal governments.
- Funds can be used for more wide-ranging purposes than what was allowed previously under the CARES Act.
- Governments must spend the funds by December 31, 2024.
- *Now is the time to plan:*
  - *Meet with stakeholders to discuss how community goals can be met with ARP funds.*
  - *Develop a detailed plan to help you administer programs, meet compliance requirements, and manage new complexities.*

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

American Rescue Plan Act – Georgia State & Local

Georgia State and Local COVID Relief – American Rescue Plan Act	
Cities over 50,000 pop	$ 551,779,893
Cities under 50,000 pop	$ 856,598,577
Total for counties	$ 2,071,268,896
Total all cities	$ 1,408,378,471
Total local GA	$ 3,479,647,366

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

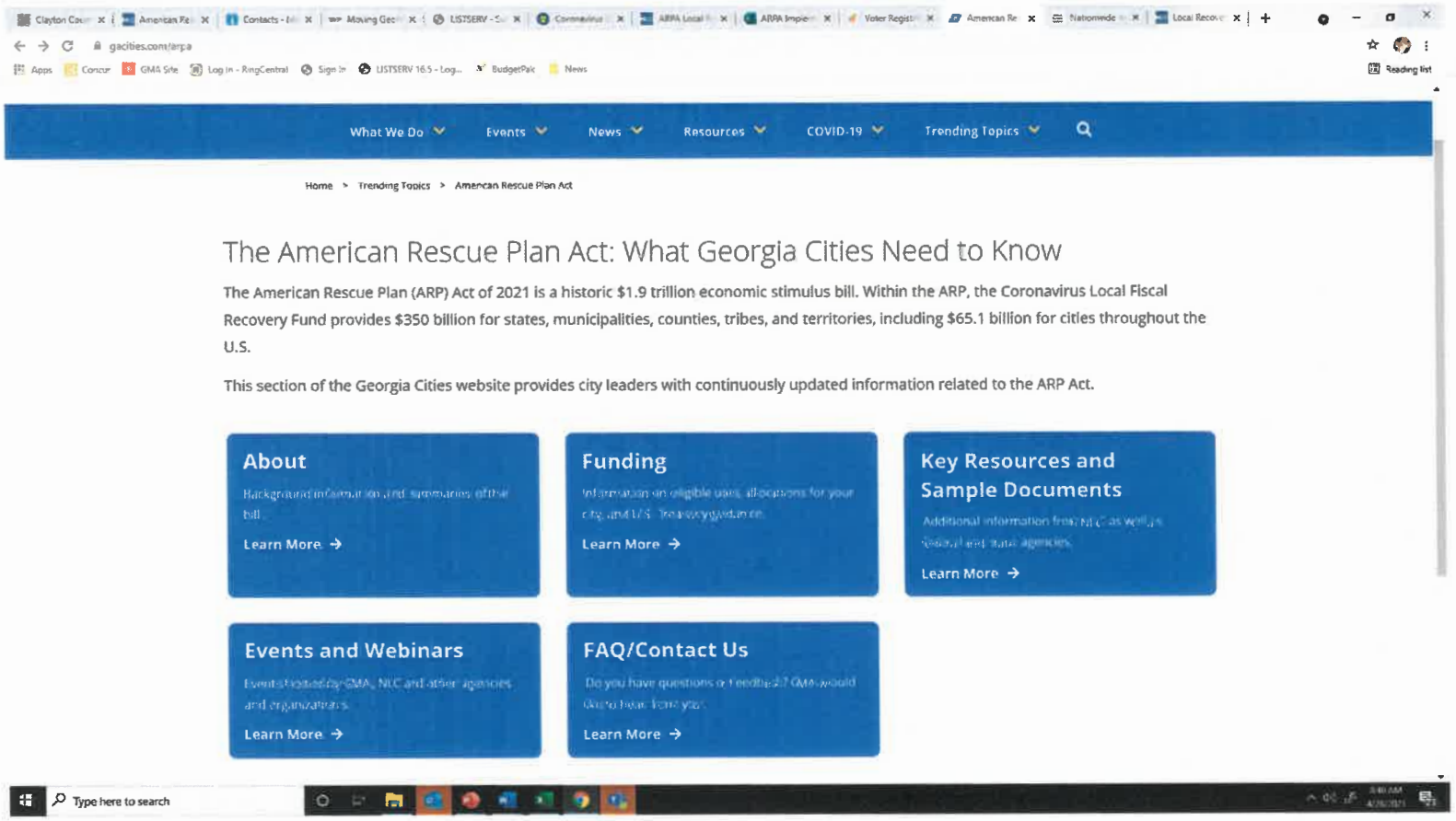
ARPA – Local Fiscal Recovery Funds FAQ

- What do local governments need to do to request and receive funds?
- When will local governments need to report use of funds?
- When can we expect more guidance?
- What can local leaders do while we wait for more guidance?

Treasury has 60 days to complete guidance – expect rolling updates!

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

GMA ARP Web Page

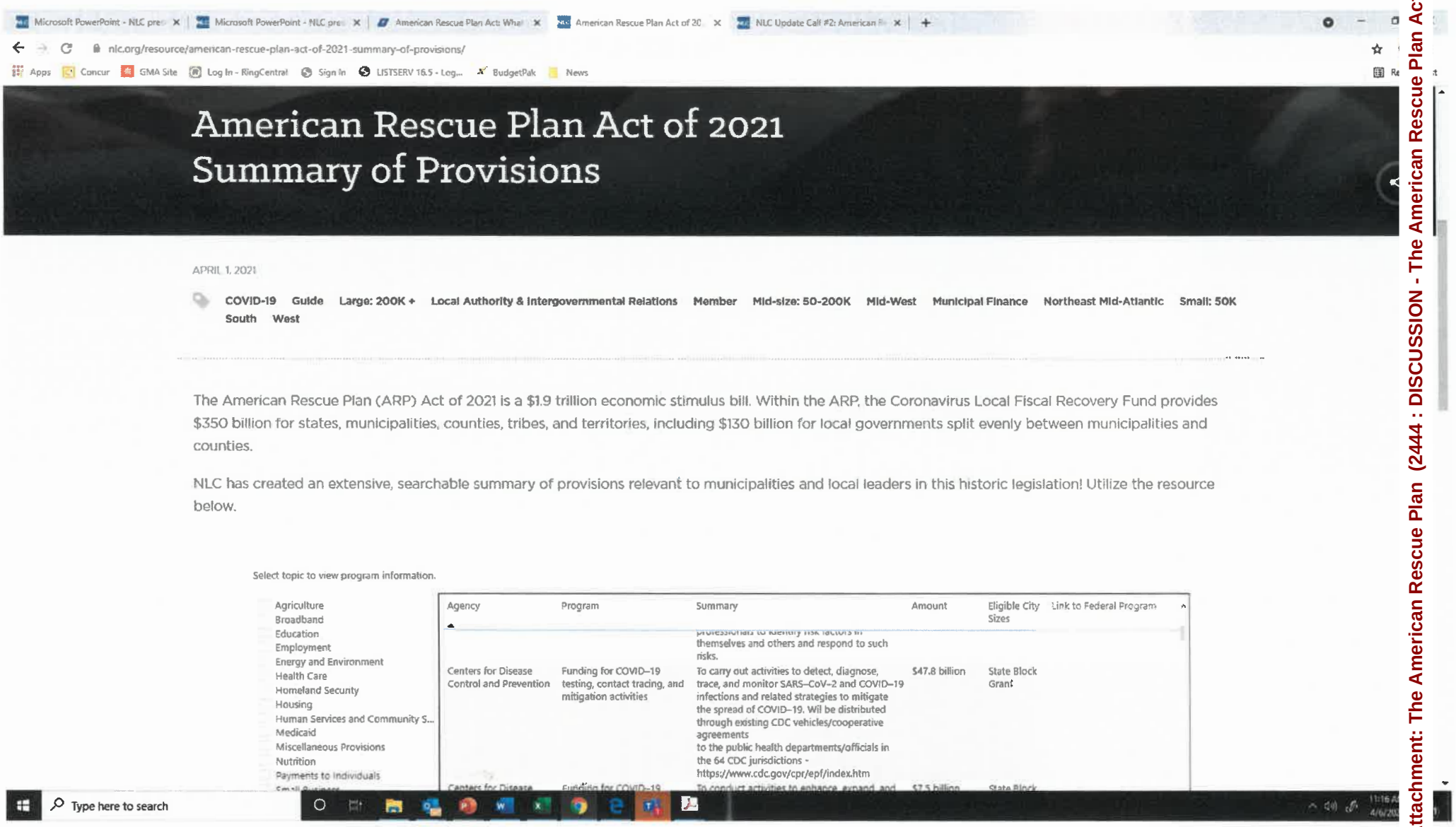


Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

NLC Principles for Local Fiscal Recovery Funds

- **Use dedicated grants and programs first whenever possible**
  - Save Local Fiscal Recovery Funds for gaps and priorities not eligible for other federal and state assistance programs
- **Assess government operations AND community needs**
  - Ask valuable staff and stakeholders for help creating a comprehensive needs assessment
- **Prioritize fiscal stability and returning to work**
- **Maintain records and document success**
  - Create long-term information on infrastructure for your future leaders
- **Your Congressional Delegation is part of your success**
  - Invite Members of Congress to re-openings, ribbon-cuttings, etc.

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)



Microsoft PowerPoint - NLC pres | Microsoft PowerPoint - NLC pres | American Rescue Plan Act: What | American Rescue Plan Act of 20 | NLC Update Call #2: American R

nlc.org/resource/american-rescue-plan-act-of-2021-summary-of-provisions/

Apps | Concur | GMA Site | Log In - RingCentral | Sign In | LISTSERV 16.5 - Log... | BudgetPak | News

American Rescue Plan Act of 2021 Summary of Provisions

APRIL 1, 2021

COVID-19 Guide Large: 200K + Local Authority & Intergovernmental Relations Member Mid-size: 50-200K Mid-West Municipal Finance Northeast Mid-Atlantic Small: 50K South West

The American Rescue Plan (ARP) Act of 2021 is a $1.9 trillion economic stimulus bill. Within the ARP, the Coronavirus Local Fiscal Recovery Fund provides $350 billion for states, municipalities, counties, tribes, and territories, including $130 billion for local governments split evenly between municipalities and counties.

NLC has created an extensive, searchable summary of provisions relevant to municipalities and local leaders in this historic legislation! Utilize the resource below.

Select topic to view program information.

- Agriculture
- Broadband
- Education
- Employment
- Energy and Environment
- Health Care
- Homeland Security
- Housing
- Human Services and Community S...
- Medicaid
- Miscellaneous Provisions
- Nutrition
- Payments to Individuals

Agency	Program	Summary	Amount	Eligible City Sizes	Link to Federal Program
		professionals to identify risk factors in themselves and others and respond to such risks.			
Centers for Disease Control and Prevention	Funding for COVID-19 testing, contact tracing, and mitigation activities	To carry out activities to detect, diagnose, trace, and monitor SARS-CoV-2 and COVID-19 infections and related strategies to mitigate the spread of COVID-19. Wil be distributed through existing CDC vehicles/cooperative agreements to the public health departments/officials in the 64 CDC jurisdictions - https://www.cdc.gov/cpr/epf/index.htm	$47.8 billion	State Block Grant	
Centers for Disease	Funding for COVID-19	To conduct activities to enhance, expand, and	$7.5 billion	State Block	

Type here to search

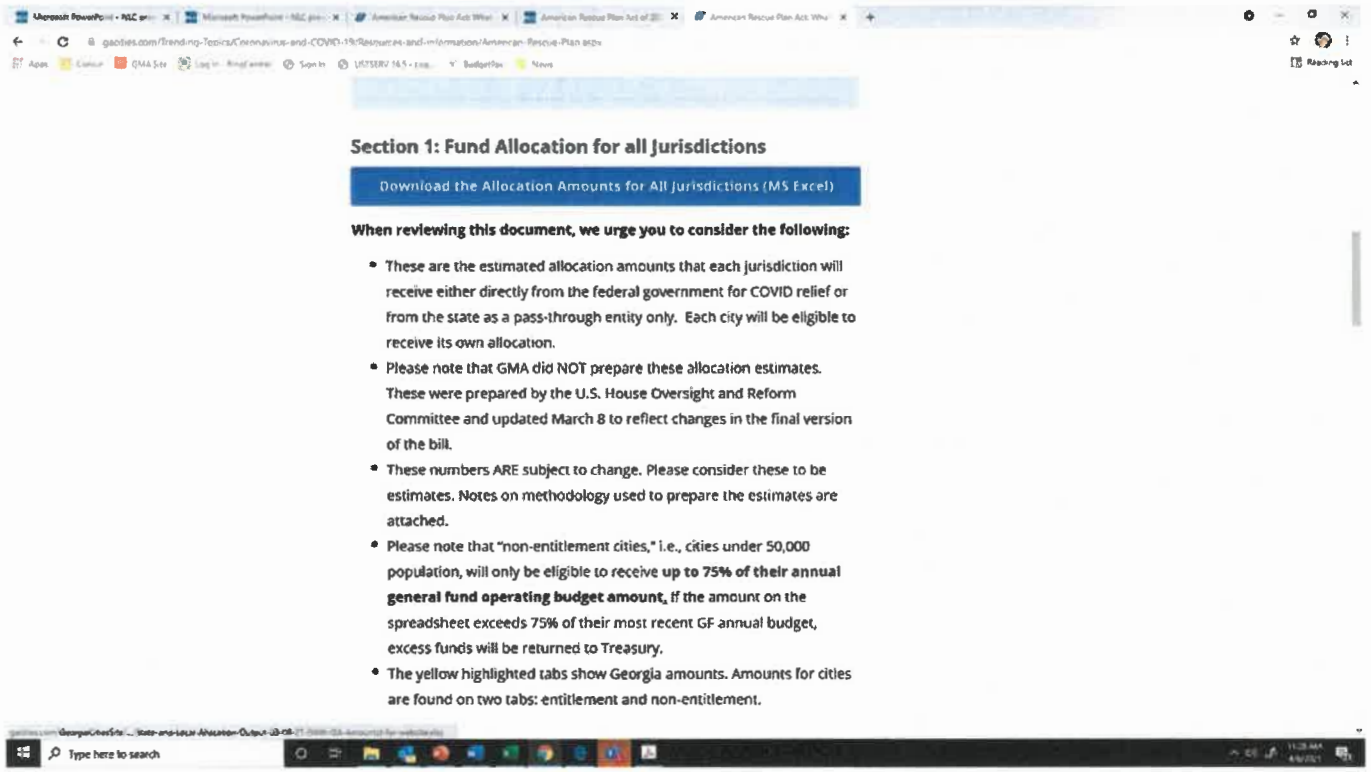
Allocation Estimates – We must be patient!



- How can recipient governments use relief allocations from the State and Local Fiscal Recovery Funds?
- How will state and local governments receive the relief allocations?
- Why have the allocations on the estimates spreadsheet changed over time?
- What will cause final allocations to differ from the estimates spreadsheet?
- What if a city, town, village, or township is not included on the estimates spreadsheet?
- What about cases where a local government appears more than once?
- www.nlc.org/resource/estimated-local-allocations-in-the-american-rescue-plan/

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

Allocation Estimates – Same Data on GMA Site



Section 1: Fund Allocation for all Jurisdictions

Download the Allocation Amounts for All Jurisdictions (MS Excel)

When reviewing this document, we urge you to consider the following:

- These are the estimated allocation amounts that each jurisdiction will receive either directly from the federal government for COVID relief or from the state as a pass-through entity only. Each city will be eligible to receive its own allocation.
- Please note that GMA did NOT prepare these allocation estimates. These were prepared by the U.S. House Oversight and Reform Committee and updated March 8 to reflect changes in the final version of the bill.
- These numbers ARE subject to change. Please consider these to be estimates. Notes on methodology used to prepare the estimates are attached.
- Please note that "non-entitlement cities," i.e., cities under 50,000 population, will only be eligible to receive **up to 75% of their annual general fund operating budget amount,** if the amount on the spreadsheet exceeds 75% of their most recent GF annual budget, excess funds will be returned to Treasury.
- The yellow highlighted tabs show Georgia amounts. Amounts for cities are found on two tabs: entitlement and non-entitlement.

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

Local Fiscal Recovery Funds: Eligible Expenses

- to respond to the public health emergency with respect to the Coronavirus Disease 2019 (COVID–19) or its negative economic impacts, including assistance to households, small businesses, and nonprofits, or aid to impacted industries such as tourism, travel, and hospitality;
  - **No more restrictive than the CARES Act Coronavirus Relief Fund**
- to respond to workers performing essential work during the COVID–19 public health emergency by providing premium pay to eligible workers of the metropolitan city, nonentitlement unit of local government, or county that are performing such essential work, or by providing grants to eligible employers that have eligible workers who perform essential work;
  - **Allows a municipality to provide up to $13 per hour above regular wages**
- for the provision of government services to the extent of the reduction in revenue of such metropolitan city, nonentitlement unit of local government, or county due to the COVID–19 public health emergency relative to revenues collected in the most recent full fiscal year of the metropolitan city, nonentitlement unit of local government, or county prior to the emergency; or
  - **Allows revenue replacement. The base year to measure lost revenue against is not the most recent full fiscal year, but the most recent full fiscal year prior to the emergency.**
- to make necessary investments in water, sewer, or broadband infrastructure.
  - **Treasury will provide additional guidance**

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

Treasury Pre-Award Guidance: Over 50,000 Pop.

- **Must have a valid DUNS number** - https://fedgov.dnb.com/webform/ or call 1-866-705-5711 to begin the registration process
- **Check for active SAM** (System for Award System) **registration** at www.sam.gov
- It could take up to three weeks for new registrations
- SAM requires annual renewal once registered
- **Have banking account information available** – FEI #, bank routing #, account #, contact information
- **Funds will be distributed in two tranches** - 60 days after enactment (May 11) and round 2 twelve months later

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

Treasury Pre-Award Guidance: Under 50,000 Pop.

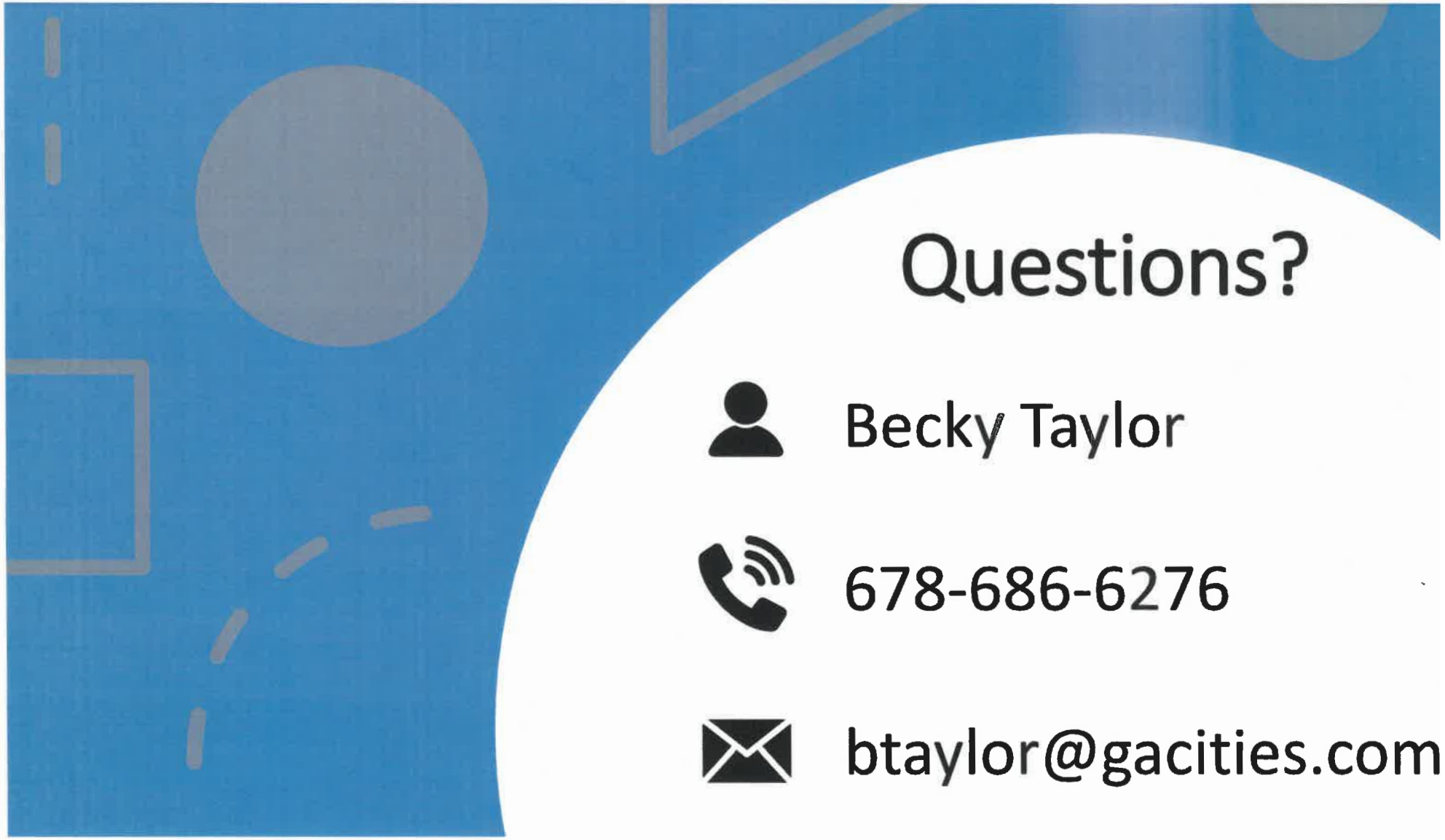
- **Must have a valid DUNS number** - https://fedgov.dnb.com/webform/ or call 1-866-705-5711 to begin the registration process
- **Funds will be sent to the State for distribution as a pass through only** – state should distribute within 30 days unless extension granted but no later than 120 days
- **50% of allocated funds will be distributed first and remaining 50% 12 months later**
- **Allocations capped at 75% of the city's most recent budget as of January 27, 2020**
- **Periodic spending reports will be required**

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

ARPA Resources and Updates

- GMA Resources: https://www.gacities.com/arpa
- NLC Resource Hub: https://www.nlc.org/covid-19-pandemic-response/#arp
  - **ARP Summary of Provisions:** NLC has created an extensive, searchable summary of provisions relevant to municipalities and local leaders in this historic legislation. You can find the link here.
  - **Local Recovery: Five Principles for ARP Implementation:** NLC staff has written a blog on five principles for ARP implementation. You can access it here.
  - **NLC FAQ**: https://www.nlc.org/resource/arp-local-relief-frequently-asked-questions/
  - **Weekly NLC Calls:** Fridays at 1:30 pm. Archives and registration here.
- U.S. Treasury Coronavirus State and Local Fiscal Recovery Fund Page is here.

Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)



Attachment: The American Rescue Plan (2444 : DISCUSSION - The American Rescue Plan Act)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

SCHEDULED

Meeting: 05/27/21 06:30 PM
Department: City Administrator
Category: Purchase
Prepared By: Shanta Scarboro
Department Head: Edwin L. Booth

AGENDA ITEM (ID # 2441)

DOC ID: 2441

DISCUSSION - Offer to Purchase Wireless Ground Easements

Issue/Item: DISCUSSION - Offer to Purchase Wireless Ground Easements.

Background: Towerpoint Capital, LLC would like to offer the City of Port Wentworth $800,000 to purchase the AT&T and T-Mobile easement space. This space will not include the purchasing of the Sprint and Cricket leases, as these will eventually fade away due to the merger of T-Mobile and Sprint.

If accepted, Towerpoint will discuss the valuation and potential next steps which would include further verification of the lease information in order to draft a formal Letter of Intent.

Recommendation: Council is asked to discuss this matter to see if they are interested in moving forward with the purchase.

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

SCHEDULED

Meeting: 05/27/21 06:30 PM
Department: City Administrator
Category: Ordinance
Prepared By: Shanta Scarboro
Department Head: Edwin L. Booth

AGENDA ITEM (ID # 2442)

DOC ID: 2442

DISCUSSION - Chapter 3, Port Wentworth, Georgia Code of Ordinances, Alcoholic Beverages

Issue/Item: DISCUSSION - Chapter 3, Port Wentworth, Georgia Code of Ordinances, Alcoholic Beverages

Background: City Attorney James L. Coursey, Jr. would like for Mayor and Council to engage in a discussion regarding necessary updates/amendments needed to the current Alcoholic Beverage Ordinance.

Recommendation: Consider for future vote.

ATTACHMENTS:

- Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (DOCX)

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

Chapter 3 - ALCOHOLIC BEVERAGES[1]

Footnotes:

--- (**1**) ---

Charter reference— Power of mayor and council over alcoholic beverages, § 24.

Cross reference— Licenses and taxation, Ch. 11.

State Law reference— Local power and duty regarding alcoholic beverage licensure, O.C.G.A. § 3-3-2 et seq.

ARTICLE I. - IN GENERAL

Sec. 3-1. - License required.

No person shall engage in carrying on the business of handling or selling of legal malt or alcoholic beverages at wholesale or at retail without a license issued by the mayor and council.

(Ord. No. 57-30, §§ 1, 2, 9-12-57)

Sec. 3-2. - License application.

(a) *Application required.* An application shall be completed and filed with the clerk by each applicant for a license to conduct and carry on such business of selling legal alcoholic or malt beverages or engaging therein and by each applicant for transfer or renewal of an existing license, on forms provided therefor, together with payment by certified check to the city treasurer in the amount of license fee to be due if the license is granted. Such application shall be obtained at City Hall.

(b) *Payment to accompany application.* The application shall be accompanied by a certified check payable to the city for the license for such business and a certified check payable to the city in a sum sufficient to cover the costs of two (2) advertisements in the Savannah Morning News, giving notice of the making of application for such license and calling on interested persons to register objections thereto, if any, within the time that shall be specified in the advertisement.

(Ord. No. 57-30, § 2, 9-12-57; Ord. No. 78-8, 12-28-78; Ord. No. 99-06, 12-2-99)

Sec. 3-3. - Publication of notice of application in newspaper.

Upon receipt of an application for the license required by the provisions of this article and the certified checks required to be submitted at the time of and in connection with the filing of the application, the clerk of council shall cause to be published in the Savannah Morning News advertisement notifying interested parties of the filing of such application for license and calling upon persons objecting to the granting of such license to file objections with council at or before the meeting of council at which such application will be acted upon. Such advertisement shall be published once a week for two (2) consecutive weeks in said newspaper, the last advertisement to be published in an issue of the newspaper that shall be printed and circulated at least five (5) days prior to the day upon which the mayor and council will consider and pass upon the application.

(Ord. No. 57-30, § 3, 9-12-57)

Sec. 3-4. - Investigation of license applicant.

After an application has been filed for the license required by the provisions of this article the clerk of council shall refer a copy of such application to the director of public safety who shall run a criminal history background check on the applicant for review by the mayor and council.

(Ord. No. 57-30, § 4, 9-12-57; Ord. No. 12-27, § 1(a), 8-23-12)

Sec. 3-5. - Reserved.

Editor's note— Ord. No. 13-23, § 1(a), adopted September 26, 2013, repealed § 3-5, which pertained to submission of reports and recommendations to council and derived from Ordinance No. 57-30, § 5, 9-12-57.

Sec. 3-6. - License fee.

A person desiring a license required by the provision of this article shall pay the license fee provided below:

Package shop $2,165.80

Beer/wine 720.40

Pouring—Beer/wine/liquor 2,575.00

Wine 265.00

Sunday alcohol sales 450.00

On new applications, payment of the fee shall accompany each application for a license and the city administrator shall not receive such application unless the license fee is tendered in the correct amount. Any new license granted under this division during a calendar year shall cost the full license fee without proration, except that the fee for a new license granted after June 30 in any calendar year shall be fifty (50) per cent of the annual license fee for the remainder of the calendar year. In addition to the above fees on all new applications for an alcohol beverage license, a one hundred dollar ($100.00) administrative fee shall be paid to cover the cost for advertising and background checks.

(Ord. No. 57-30, § 17, 9-12-57; Ord. No. 94-10, 10-27-94; Ord. No. 00-15, 11-30-00; Ord. No. 02-17, 12-12-02; Ord. No. 14-13, 8-28-14)

Sec. 3-7. - Issuance of license.

No license for the sale, handling, giving away or other disposition of malt or alcoholic beverages shall be issued to any person unless and until the mayor and the council have voted affirmatively upon the matter at a regular meeting of the council; in the event that the vote of council favors the issuance of such license, the city clerk shall then be authorized and directed to issue such license as shall have been approved by the mayor and council.

(Ord. No. 57-30, § 6, 9-12-57)

Sec. 3-8. - License expiration.

The license required by the provisions of this article shall expire at the end of each calendar year.

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

(Ord. No. 57-30, § 17, 9-12-57)

Sec. 3-9. - Location restrictions.

It shall be unlawful for any business operating under this article to sell, dispense, or otherwise vend any distilled spirits within one hundred (100) yards of any church and two hundred (200) yards of any school grounds or college campus.

(Ord. No. 57-30, § 8, 9-12-57; Ord. No. 65-10, § 1, 12-9-65; Ord. No. 78-8, 12-28-78; Ord. No. 83-9, § 1, 11-10-83; Ord. No. 13-23, § 1(a), 9-26-13)

State Law reference— Similar provisions, O.C.G.A. § 3-3-21.

Sec. 3-10. - License revocation.

(a) If any person to whom a license has been issued under this article is convicted of violating any provisions of this article or any applicable state law the mayor is hereby authorized to immediately revoke such person's license until the next regular meeting of council, when such person shall have the right to appear and be heard, and show cause, if any, why such revocation should not be confirmed by council. If such action of the mayor in revoking the license is confirmed by a majority of the council, then the license shall be permanently revoked, and the amount paid as a license fee shall be forfeited to the city.

(b) Any licensee who violates any provision of this article or any laws and regulations of the State of Georgia relating to the sale and distribution of malt or fermented and distilled beverages shall subject himself to the suspension or revocation of this license. The failure of the license to meet any obligations imposed by any other tax laws of the State of Georgia shall be grounds for suspension or revocation of license.

(c) The mayor or the council may revoke a license issued to any person pursuant to the provisions of this article without such person having been convicted in the police court when, in the opinion of the mayor or of the council, facts and evidence are presented to him or them from which he or they determine that probable cause exists to suspect that the holder of such license is guilty of a violation of the provisions of this article or of the laws of the state bearing hereon; provided, however, that in the event the mayor revokes such license under such circumstances, the holder of such license shall have due notice of the revocation of such license and shall have the right to appear before the next ensuing regular meeting of council and show cause why his license should not be revoked, or why the revocation by the mayor should not be set aside. In the event of such a revocation the amount paid to the city as a license fee shall be forfeited to the city.

(Ord. No. 57-30, § 15, 9-12-57; Ord. No. 78-8, 12-28-78)

Editor's note— Ord. No. 78-8, enacted Dec. 28, 1978, was originally designated § 3-18; said section was redesignated § 3-10(b) and former subsection (b) relettered as subsection (c) at the editor's discretion.

Sec. 3-10.1. - Presumption of knowledge of violation by license.

It shall be in violation of this chapter for any licensee to violate any provision of federal, state or municipal regulations or laws, and in the event such activity occurs, there shall be a presumption the same was done with the knowledge and consent of the licensee, and unless rebutted by evidence that an exercise of full diligence could not have prevented the activity, shall be grounds for suspension or revocation of his license.

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(Ord. No. 78-8, 12-28-78)

Editor's note— Ord. No. 78-8, enacted Dec. 28, 1978, originally designated § 3-17, has been redesignated § 3-10.1 at the editor's discretion.

Sec. 3-11. - Doors on establishments to be unlocked.

Every business licensed under this article shall keep, during business hours, the doors into such business unlocked.

(Ord. No. 57-30, § 8, 9-12-57; Ord. No. 78-8, 12-28-78)

Sec. 3-12. - Registration card for persons in retail establishments.

(a) It shall be unlawful for any person or the holder of any wholesale liquor, beer or wine licenses or the holder of any retail liquor, beer or wine licenses to operate thereunder any place of business within the city without having a registration card signed by the proper authority. Such registration card shall state the name of the employer and the location of his place of employment.

(b) It shall be unlawful for the holder of any such license to permit any other person to work or to serve in or about his place of business unless said person has the registration card required by this section.

(c) It shall be unlawful for the holder of any such registration card to fail to notify the proper authority when transferring from the place of employment shown on the bar registration card to another place of employment for which such a card is required.

(Ord. No. 72-2, §§ I—III, 8-24-72)

Sec. 3-13. - Noisy, boisterous or disorderly conduct on licensed premises.

No person holding a license issued pursuant to the provisions of this article shall permit any boisterous, noisy or disorderly conduct in his licensed premises.

(Ord. No. 57-30, § 13, 9-12-57)

Sec. 3-14. - Hours of operation.

(a) *Retail sales license holders.*

(1) No holder of a retail sales license for wine, beer, or malt beverages shall sell, give away, or otherwise distribute any wine, beer or malt beverage between the hours of 2:00 a.m. Sunday and 6:30 a.m. Monday or between the hours of 2:00 a.m. and 6:30 a.m. on other days.

(2) No holder of a retail sales license to sell distilled spirits shall open its place of business or furnish, sell, or offer for sale any alcoholic beverages at any time except between the hours of 8:00 a.m. and 11:45 p.m., Monday through Saturday.

(b) *Pouring license holders.*

(1) No holder of a pouring license shall sell, give away or otherwise distribute any distilled spirits, alcoholic beverages, wine, beer or malt beverage between the hours of 2:00 a.m. Sunday and 6:30 a.m. Monday and between the hours of 2:00 a.m. and 6:30 a.m. on other days.

(2) All establishments holding a pouring license shall be closed no later than 2:00 a.m. on Sunday, and shall not open before 6:30 a.m. on Monday and shall be closed between the hours of 2:00

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a.m. and 6:30 a.m. on all other days except that standard restaurants and dining rooms holding licenses for the preparation and serving of food and where food is actually and regularly served may remain open beyond such times to serve food and shall be permitted to sell or dispense distilled spirits, alcoholic beverages, wine, beer or malt beverages on Sundays between the hours of 12:30 p.m. and 12:00 midnight provided that at least fifty (50) per cent of its total annual gross food and beverage sales are derived from the sale of prepared meals or food.

(3) The intent of this section is to allow standard full service restaurants that serve the public as part of the community's tourism business to sell alcoholic beverages with meals on Sunday. A standard restaurant is an establishment whose principal business is the sale of food and/or beverages to customers in a ready-to-consume state, and whose principal method or operation includes one (1) or both of the following characteristics:

a. Customers, normally provided with an individual menu, are served their foods and beverages by a restaurant employee at which food and beverages are consumed;

b. A cafeteria-type operation where food and beverages are consumed within the restaurant building. It is not the intent of this section to permit neighborhood taverns, bars and establishments considered to be fast-food restaurants to sell alcoholic beverages on Sunday via the mechanism of selling incidental meals on Sunday.

(Ord. No. 57-30, §§ 11, 12, 9-12-57; Ord. No. 78-8, 12-28-78; Ord. No. 00-12, 10-26-00; Ord. No. 10-09, 6-24-10; Ord. No. 10-14, 6-24-10)

State Law reference— Authority to establish by ordinance Sunday hours for sale of alcoholic beverages, O.C.G.A. § 3-3-7(j) et seq.

Sec. 3-15. - View of premises.

No screen, partition or swinging door which will obscure the view from the sidewalk or street shall be kept in any place of business where the malt and alcoholic beverages are sold or kept for sale.

(Ord. No. 57-30, § 14, 9-12-57)

Sec. 3-16. - Vending machines.

No licensee nor anyone acting in his behalf shall sell, offer for sale, or allow to be sold any malt beverages through any vending machine or unattended machine.

(Ord. No. 78-8, 12-28-78)

Sec. 3-17. - Sales for cash only.

All sales made by retailers shall be for cash only and the delivery and payment is a simultaneous transaction and there shall not be any maneuver or subterfuge of any kind whereby credit is extended. Use of postdated checks is prohibited.

(Ord. No. 78-8, 12-28-78)

Editor's note— Ord. No. 78-8, adopted Dec. 28, 1978, enacted provisions designated as §§ 3-19, 3-20, which sections the editor has redesignated as §§ 3-17, 3-18.

Sec. 3-18. - Sales to persons under twenty-one years of age.

(a) It shall be unlawful for a retailer, or anyone acting in his behalf, to sell or offer for sale alcoholic beverages to any person under the age of twenty-one (21) years;

(b) It shall be unlawful for any person to assist any minor in procuring or to participate in procuring for any minor any alcoholic beverages as defined in this regulation;

(c) It shall be unlawful for any person under the age of twenty-one (21) years to purchase or knowingly possess any alcoholic beverage in the City of Port Wentworth;

(d) The prohibitions contained in subsections (b) and (c) of this section shall not apply to the possession of alcoholic beverages for consumption by a person under twenty-one (21) years of age when the parent or guardian of the person under twenty-one (21) years of age gives the alcoholic beverage to the person and when possession is in the home of the parent or guardian and such parent or guardian is present.

(Ord. No. 78-8, 12-28-78; Ord. No. 88-4, 3-24-88; Ord. No. 89-09, 6-8-89; Ord. No. 13-23, § 1(a), 9-26-13)

Note— See the editor's note to § 3-17.

Cross reference— Selling cigarettes to minors, § 15-10; curfew for minors, § 15-31 et seq.

Sec. 3-19. - Types of entertainment, attire and conduct prohibited.

The following types of entertainment, attire and conduct are not permitted upon any premises licensed to sell alcoholic beverages for consumption on the premises:

(1) The employment or use of any person, in any capacity, in the sale or service of alcoholic beverages while such person is in such attire, costume or clothing as to expose a view of any portion of the female breast below the top of the areola or any other portion of pubic hair, anus, cleft of the buttocks, vulva, or genitals; or:

a. Live entertainment where any person appears in the manner described in subsection (1) above or where any person performs acts which simulate:

1. Sexual intercourse, masturbation, sodomy, or bestiality; or

2. The touching, caressing or fondling of the breast, buttocks, anus or genitals; or

3. The display of pubic hair, anus, vulva or genitals; or

b. The holding, promotion or allowance of any contest, promotion, special night or any other activity where patrons of a licensed establishment are encouraged or allowed to engage in any of the above prohibited conduct.

Nothing contained in this section shall apply to the premises of any main stream performance house, museum, or theater which derives less than twenty (20) per cent of its gross annual income from alcoholic beverages.

(Ord. No. 95-01, § 1, 2-23-95)

Sec. 3-20. - Temporary off-premise special events.

(a) Upon filing an application and payment of a fee of $50.00, the department of public safety may issue an off-premise special event permit to a current on-premise license holder. The off-premise special event permit may be issued with the following conditions:

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(1) The applicant must already hold a City of Port Wentworth annual license for the sale of alcoholic beverages for on-premises consumption.

(2) The permit will allow sale of alcoholic beverages beyond the premises described in the annual license only in the area specifically described in the application and only during the special event named.

(3) Food must be served during any period of time that alcoholic beverages are served.

(4) The application for such permit must have been filed with the department of public safety at least ten days prior to the date of the special event.

(5) The hours of any such special event must be between 9:00 a.m. and 11:00 p.m. Monday through Saturday.

(6) All applicants and permit holders must comply with all state statutes governing the sale of alcoholic beverages and all sections of this Code and other city ordinances governing such sales.

(7) Each off-premise special event shall last a maximum of seven consecutive days, and no more than two special event permits shall be issued to any applicant in any calendar year.

(b) An off-premise special event permit may be immediately revoked by the director of public safety for due cause for a violation of this chapter which results in an emergency situation in which continued operation of the premises by the licensee endangers the health, welfare or safety of the public.

(1) Each such special event permitted pursuant to this section must comply with the following conditions:

a. Said permit shall last for a period not to exceed ten days;

b. The area in which the special event is held must have controlled access;

c. The applicant must submit a site plan for the special event;

d. The applicant must provide a traffic plan and a security plan, and said plan must be approved by the department of public safety; and

(2) Food must be served during any period of time that alcoholic beverages are served.

(c) A special event permit may be immediately revoked by the director of public safety for due cause for a violation of this chapter which results in an emergency situation in which continued operation of the premises by the licensee endangers the health, welfare or safety of the public.

(Ord. No. 16-10, § 1, 10-27-16)

Secs. 3-21, 3-22. - Reserved.

Sec. 3-23. - Temporary permit for Port Wentworth nonprofit civic organizations.

(a) Upon filing an application and payment of a fee of $25.00, the department of public safety may issue a permit authorizing a bona fide nonprofit civic organization, as defined in O.C.G.A. § 3-9-5, to sell alcoholic beverages for consumption on-premises or off-premises for a period not to exceed one day, subject to any law regulating the time for selling such beverages.

(b) The application for such permit must have been filed with the department of public safety at least 10 days prior to the date of the special event.

(c) Not more than six permits may be issued pursuant to this section to an organization in any one calendar year.

(d) Permits issued pursuant to this section shall be valid only for the place specified in the permit.

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(e) Applicants must complete a criminal history background form to be accompanied with the application and to processed by the Port Wentworth Department of Public Safety.

(Ord. No. 16-10, § 1, 10-27-16)

Secs. 3-24—3-26. - Reserved.

ARTICLE II. - EXCISE TAX ON MALT BEVERAGES, WINES AND SPIRITUOUS LIQUORS[2]

Footnotes:

--- (**2**) ---

State Law reference— Imposition by municipality of excise tax on distilled spirits for sale by the package, O.C.G.A. § 3-4-80; on distilled spirits for sale by the drink, O.C.G.A. § 3-4-132; on malt beverages, O.C.G.A. § 3-5-80; on wine, O.C.G.A. § 3-6-60.

Sec. 3-27. - Tax levied.

There is hereby levied an annual special license tax upon the sales of malt beverages, wines, or distilled spirits as follows:

(a) *Distilled spirits.* On distilled spirits the tax shall be in accordance with the following table:

Size of Container	Tax
1 gallon	$0.80
½ gallon	0.40
1 quart	0.20
1/5 gallon	0.16
1 pint	0.10
1/10 gallon	0.08
½ pint or smaller	0.05

(b) *Wine.* For wine sold to retailers located within the City of Port Wentworth, an excise tax shall be paid at the rate of twenty-two cents ($0.22) per liter or eighty-three cents ($0.83) per gallon. The tax on wine sold in other size containers shall be computed at proportionate rates.

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(c) *Malt beverages.* On malt beverages the tax shall be based in accordance with the following tables:

(1) *When sold by the container:*

Sale of Container (ounces)	Tax (per case)
6	$1.20
7	1.40
8	1.20
10	1.00
12	1.20
14	1.40
16	1.60
32	1.60

(2) *When sold at draft:*

Size of Container	Tax
11/8 gal.	$0.436
2¼ gal.	0.871
1/8 bbl.	1.50
¼ bbl.	3.00
½ bbl.	6.00

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(Ord. No. 69-8, §§ 1, 2, 9-25-69; Ord. No. 73-6, § 1, 5-10-73; Ord. No. 75-2, § 1, 4-1-75; Ord. No. 76-4, § 1, 5-27-76; Ord. No. 86-16, 7-24-86; Ord. No. 13-22, § 1(a), 9-26-13)

Sec. 3-28. - Computation of tax.

In computing the tax imposed herein, the term "case" as applied to wine, shall mean a carton or other container containing twenty-four (24) bottles of pint size or smaller, or twelve (12) bottles of quart size, or one-fifth (1/5) size.

Fractional parts of cases or barrels, kegs or drums, or any other size or type containers shall be computed proportionately.

(Ord. No. 69-8, § 3, 9-25-69)

Sec. 3-29. - Records, collection, etc., of tax.

Each wholesale dealer or distributor selling, shipping or delivering beverages taxed by this article to any retail dealer or seller in the city, whether delivered to the retail dealer, or seller's place of business or elsewhere for resale in the city, shall, as a condition to the privilege of carrying on such business in the city:

(1) Keep true and correct records of all sales, shipments or deliveries of such beverages to each retail dealer, or seller in the city; such records shall be preserved for a period of one (1) year and to be made available on request for the inspection of any duly authorized representative of the city.

(2) Collect from each such retail dealer or seller in the city, and add on each invoice at the time of delivery of such beverages the amount of tax due under this article and hold the same in trust for the city until such amount is remitted to the city as provided in this section.

(3) On or before the tenth day of each calendar month make a verified return to the city for the monies collected from said retail dealers or sellers for the month immediately preceding the report. Such return shall be accompanied by remittance to the city for all taxes collected.

If any wholesale dealer or distributor fails or refuses to make the returns herein provided for, the city shall notify him in writing and, if the returns are not made and the taxes remitted within five (5) days from the date of such notice, the city may withdraw from the wholesale dealer or distributor the privilege of doing business in the city, by revoking his license. On such failure to make returns and pay the taxes accrued, the city shall proceed to assess the amount of taxes due from retail dealers or sellers who have purchased from such wholesale dealer or distributor, from the best information available, and shall proceed to collect the taxes as provided herein for the collection of delinquent license taxes.

(Ord. No. 69-8, § 4, 9-25-69; Ord. No. 73-6, § 1, 5-10-73)

Sec. 3-30. - Sale prohibited if taxes not paid.

(a) It shall be unlawful for any person to sell at retail or by the drink within the city any malt beverages, wines, or distilled spirits on which the taxes provided for in this article have not been paid to the wholesale dealer or distributor for the city.

(b) It shall be unlawful for any wholesale dealer or distributor or other person to deliver any malt beverages, wines, or distilled spirits to any retail dealer or seller in the city, without first collecting the taxes as provided in this article.

(Ord. No. 69-8, § 6, 9-25-69; Ord. No. 13-22, § 1(a), 9-26-13)

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Sec. 3-31. - Decal, stamp, etc., not required.

No decal, stamp, or other identifying marking shall be required on malt beverages sold within the city.

(Ord. No. 73-6, § 1, 5-10-73)

Sec. 3-32. - Tax to be additional.

The excise tax provided for herein shall be in addition to any license fee, tax or charge which may be imposed upon the business of selling malt beverages at retail or wholesale, within the city.

(Ord. No. 73-6, § 2, 5-10-73)

Sec. 3-33. - Civil penalties for failure to pay or filing false return.

The failure to make a timely report and remittance hereunder shall render a wholesale dealer liable for a penalty equal to ten (10) per cent of the total amount due during the first thirty-day period following the date such report and remittance were due and a further penalty of ten (10) per cent of the amount of such remittance for each successive thirty-day period or any portion thereof, during which such report and remittance are not filed. The filing of a false or fraudulent report shall render the wholesale dealer making such report liable for a penalty equal to twenty (20) per cent of the amount of the remittance which would be required under an accurate and truthful report.

(Ord. No. 73-6, § 3, 5-10-73)

Sec. 3-34. - Retailers not to possess unless tax paid.

It shall be unlawful for any person engaged in the sale, as a retail dealer or seller of alcoholic, vinous or malt beverages, in the city to have in his possession any of such beverages, unless the tax required by the city has been paid to the wholesaler, distributor or other source delivering or causing the beverages to be delivered to the retail dealer or seller. Whenever any such beverages are found in the possession of a retail dealer or seller, where records of the payment of the tax do not appear upon the records of the wholesale liquor dealer, it will be presumed that the tax has not been paid and the burden shall be upon the retailer or seller to prove such fact. All liquor, the tax on which has not been paid, found in the possession of any retail establishment in the city, shall be subject to confiscation by the city authorities of the city, and shall be sold by the city authorities, and the receipts thereof paid into the city treasury.

(Ord. No. 69-8, § 7, 9-25-69)

Secs. 3-35—3-40. - Reserved.

ARTICLE III. - CONSUMPTION ON PREMISES[3]

Footnotes:

--- (**3**) ---

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

Editor's note— Ord. No. 78-8, enacted Dec. 28, 1978, added provisions designated as Art. II, which provisions the editor has redesignated as Art. III, §§ 3-41—3-43, to avoid conflict with an existing article designation.

Sec. 3-41. - Definitions.

(a) *Alcoholic beverages,* for the purpose of this chapter, includes any alcohol, distilled spirits, beer, malt beverage, wine, or fortified wine as defined in O.C.G.A. § 3-1-2.

(b) *Malt beverages,* for the purpose of this chapter, includes any malt or fermented beverage as defined in O.C.G.A. § 3-1-2.

(c) *Distilled spirits,* for the purpose of this chapter, includes any distilled spirits as defined in O.C.G.A. § 3-1-2.

(d) *All other terms,* as used in this chapter shall be defined as set forth in O.C.G.A. § 3-1-2.

(Ord. No. 78-8, § 12-28-78; Ord. No. 13-21, § 1(a), 9-26-13)

State Law reference— Definitions, O.C.G.A. § 3-1-2.

Sec. 3-42. - License required; conduct of business, condition of premises.

(a) It shall be unlawful to sell, dispense, pour or offer to sell, dispense or pour any distilled spirits, alcoholic beverages, wine, beer or malt beverages as defined by Georgia law without first obtaining a license therefor. A separate license shall be required for each establishment. No license shall be assignable or transferred without the approval of council upon proper application being made.

(b) All premises, including the sidewalks and any adjacent public ways, shall be kept clean and free of litter or trash and such premises shall be in and remain in full compliance with all requirements of the city inspection department. No disturbances of the peace, loud or boisterous conduct, lewd, obscene or immoral entertainment, conduct or practice shall be allowed in or around the premises.

(Ord. No. 78-8, 12-28-78)

State Law reference— Municipal alcoholic beverage licenses, generally, O.C.G.A. § 3-3-2; municipal license for manufacture, distribution, and package sales of distilled liquor, O.C.G.A. § 3-4-40; sale of distilled liquor by the drink, O.C.G.A. § 3-4-160; sale of malt beverages, O.C.G.A. § 3-5-42; sale of wine, O.C.G.A. § 3-6-40.

Sec. 3-43. - Possession of alcoholic beverages not covered by license prohibited; presumption of knowledge of violation by licensee.

(a) No person licensed to sell malt beverages shall keep or possess at such licensee's place of business any distilled spirits, nor shall said retailer open or permit any person to open on his place of business any bottle, can or container of distilled spirits, unless such licensee holds a valid and current license to sell such beverage at said place of business.

(b) The existence of any open bottle or container of distilled spirits on the premises shall raise the presumption that the same was opened with the knowledge and consent of said retailer, and the presumption may be rebutted only by evidence which would preclude every other hypothesis, save that such licensee did not or could not have known.

(Ord. No. 78-8, 12-28-78; Ord. No. 13-21, § 1(a), 9-26-13)

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

Secs. 3-44—3-50. - Reserved.

ARTICLE IV. - EXCISE TAX ON LIQUOR BY THE DRINK[4]

Footnotes:

--- (**4**) ---

State Law reference— Imposition by municipality of excise tax on distilled spirits for sale by the drink, O.C.G.A. § 3-4-130; rate of tax, O.C.G.A. § 3-4-132.

Sec. 3-51. - Definitions.

The following words, terms and phrases shall, for the purposes of this article and except where the context clearly indicates a different meaning, be defined as follows:

City. The City of Port Wentworth and, variously, the incorporated territory of the city, wherein the City of Port Wentworth is empowered to impose this tax by O.C.G.A. § 3-4-130.

Drink. Any alcoholic beverage served for consumption on the premises which may or may not be diluted by any other liquid.

Due date. The twentieth day after the close of the monthly period for which the tax is to be computed.

Licensee. Any person who holds a license or permit from the City of Port Wentworth to dispense liquor by the drink for consumption on premises.

Liquor or distilled spirits. Any alcoholic beverage obtained by distillation or containing more than twenty-one (21) per cent alcohol by volume, including, but not limited to, all fortified wines.

Monthly period. The calendar months of the year.

Person. An individual, firm, partnership, joint adventure, social club, fraternal organization, joint stock company, corporation, cooperative, estate, trust, receiver, trustee, nonprofit corporation, syndicate, or any other group or combination acting as a unit, the plural as well as the singular number, excepting the United States of America, the State of Georgia, and any political subdivision of either thereof upon which the city is without power to impose the tax herein provided.

Purchase price. The consideration received for the sale of liquor or distilled spirits by the drink valued in money, whether received in cash or otherwise, including all receipts, cash, credits and property or services of any kind or nature and also the amount for which credit is allowed by the licensee to the purchaser, without any deduction therefrom whatsoever.

Purchaser. Any person who orders and gives present or future consideration for any liquor or distilled spirits dispensed by the drink.

Return. Any return filed or required to be filed by this section.

Tax. Any tax imposed by this section.

(Ord. No. 03-07, § 1, 7-10-03)

Sec. 3-52. - Imposition; rate of tax.

There is hereby imposed, and there shall be paid, a tax of three (3) per cent on the sale of liquor by the drink in the city.

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

(Ord. No. 03-07, § 2, 7-10-03)

Sec. 3-53. - Collection of tax.

Every licensee holding a license to dispense liquor or distilled spirits for consumption on premises is authorized and required to collect the tax imposed under this article from the purchasers of liquor sold by the drink within his licensed premises.

(Ord. No. 03-07, § 3, 7-10-03)

Sec. 3-54. - Determination generally; returns; payments.

(a) *Due date of taxes.* All amounts of such taxes collected by the licensee shall be due and payable to the City of Port Wentworth on or before the twentieth day of every month next succeeding each respective monthly period.

(b) *Return; persons required to file; contents.* The remittance of the taxes collected under this article shall be made and a return shall be filed by every licensee with the City of Port Wentworth showing the gross sales of liquor by the drink and the amount of tax collected or otherwise due for the period, along with such other information as may be required by the city administrator.

(c) *Collection fee allowed licensees.* Licensees collecting the tax shall be allowed a percentage of the tax due and accounted for and shall be reimbursed in the form of a deduction in submitting, reporting and paying the amount due, if the amount is not delinquent at the time of payment. The rate of the deduction shall be the same rate authorized for deductions from state sales and use tax as provided for in O.C.G.A. § 48-8-50, the Georgia Retailers' and Consumers' Sales and Use Tax Act.

(d) *Penalty and interest for failure to pay tax by due date.* A penalty of fifteen (15) per cent is imposed for failure to pay any amount of tax when due and payable to the city, with a minimum amount of penalty due of twenty-five dollars ($25.00). Delinquent amounts shall bear interest at the rate of one (1) per cent per month, or fraction thereof, until paid.

(Ord. No. 03-07, § 4, 7-10-03)

Sec. 3-55. - Deficiency determinations.

(a) *Recomputation of tax; authority to make; basis of recomputation.* If the city administrator is not satisfied with the return or returns of the tax or the amount of the tax required to be paid to the city by any person, the city may compute and determine the amount required to be paid upon the basis of any information within his possession or that may come into his possession. One (1) or more deficiency determinations may be made of the amount due for one (1) or more monthly periods.

(b) *Penalty and interest for failure to pay tax.* A specific penalty of fifteen (15) per cent is imposed upon the amount of any determination. Additionally, the amount of any determination shall bear interest at the rate of one (1) per cent per month, or fraction thereof, from the due date of taxes until the date of payment.

(c) *Notice of determination; service of.* The city administrator shall give to the licensee written notice of his determination. The notice may be served personally or by mail; if by mail such service shall be addressed to the licensee at his business address as it appears in the records of the city. Service by mail is complete when it is delivered by certified mail with a receipt signed by addressee.

(d) *Time within which notice of deficiency determination to be mailed.* Except in case of failure to make a return, every notice of a deficiency determination shall be mailed within three (3) years after the twentieth day of the calendar month following the monthly period for which the amount is proposed to be determined or within three (3) years after the return is filed, whichever shall last expire.

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(Ord. No. 03-07, § 5, 7-10-03)

Sec. 3-56. - Determination if no return is made.

(a) *Estimate of gross receipts.* If any person fails to make a return, the city administrator shall make an estimate of the amount of the gross receipts of the licensee from the sale of liquor by the drink, or as the case may be, of the amount of total such receipts in this city which are subject to the tax. The estimate shall be made for the period or periods in respect to which the person failed to make the return and shall be based upon any information which is or may come into the possession of the city administrator. Written notice shall be given in the manner prescribed in subsection 3-55(c) above.

(b) *Penalty and interest for failure to pay tax.* Penalty and interest shall be applied to the estimated taxes due in the manner prescribed in subsection 3-55(b) above.

(Ord. No. 03-07, § 6, 7-10-03)

Sec. 3-57. - Collection of unpaid tax.

(a) *Alcohol license to dispense by the drink conditioned upon payment and remittance of tax.* As a condition for holding a license to dispense liquor by the drink, a licensee must comply with this article and collect and remit the tax imposed in the manner prescribed. Failure to comply will subject the license to suspension of alcohol dispensing privileges as provided in section 3-10 in this chapter.

(b) *Action for delinquent tax.* At any time within three (3) years after any tax or any amount of tax required to be collected becomes due and payable and at any time within three (3) years after the delinquency of any tax or any amount of tax required to be collected, the city administrator may bring an action in a court of competent jurisdiction in the name of the city to collect the amount delinquent together with penalty, interest, court fees, filing fees, and other legal fees incident thereto.

(c) *Duty of successors or assignees of licensee to withhold tax from purchase price.* If any licensee liable for any amount under this article sells out his business or quits the business, his successors or assigns shall withhold sufficiently from the purchase price to cover such amount until the former owner produces a receipt issued by the city of administrator reflecting payment in full of the amount due or a certificate stating that no amount is due.

(d) *Liability for failure to withhold.* If the purchaser of a business fails to withhold purchase price as required, he shall be personally liable for the payment of the amount required to be withheld by him to the extent of the purchase price.

(Ord. No. 03-07, § 7, 7-10-03)

Sec. 3-58. - Credits for overpayments.

If it is determined that a licensee has overpaid the tax imposed under this article, overpaid penalties or interest, or has paid the tax more than once, the city administrator may, upon filing of a claim by the licensee and audit of the claim, authorize credit of the overpayment toward the current amount of tax due and payable from the licensee. All claims for overpayments must be made by the licensee, his administrators or executors, and must be made in writing within three (3) years from the date of payment stating the specific grounds upon which the claim is founded.

(Ord. No. 03-07, § 8, 7-10-03)

Sec. 3-59. - Administration generally; record keeping.

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

(a) *Authority of city administrator.* The city administrator or his authorized representative shall administer and enforce the provisions of this article for the levy and collection of the tax herein imposed. The city administrator shall have the authority to make and publish reasonable rules and regulations not inconsistent with this article or other laws of the City of Port Wentworth and the State of Georgia, for the administration and enforcement of the provisions of this article and the collection of the taxes provided herein.

(b) *Records required.* Every licensee for the sale of liquor by the drink in the City of Port Wentworth shall preserve, for a minimum of three (3) years, all records, receipts, invoices and other pertinent papers as the City of Port Wentworth may require and in such form as the city administrator may require.

(c) *Examination of records; audits.* The city administrator or any person authorized in writing by him may examine the books, papers, records, financial reports, inventory, equipment and other facilities of any licensee liable for the tax, in order to verify the accuracy of any return made, or if no return is made, to ascertain and determine the amount required to be paid.

(d) *Authority to require reports; contents.* In administering the provisions of this article, the city administrator may require the filing of reports by any person or class of persons having in their possession or custody information relating to the sale of liquor by the drink. The reports shall be filed with the city administrator when required and shall set forth the gross sales from the sale of liquor by the drink, the amount of tax collected thereon, or such other information as the city administrator may require.

(Ord. No. 03-07, § 9, 7-10-03)

Attachment: Chapter 3, Port Wentworth, Georgia Code of Oridnance, Alcoholic Beverages (2442 : DISCUSSION - Chapter 3, Port Wentworth,

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: All
Category: Report
Prepared By: Shanta Scarboro
Department Head: Brian Harvey

AGENDA ITEM (ID # 2431)

DOC ID: 2431

Committee Reports

Committee Reports

ATTACHMENTS:

- Development Services Monthly Report April 2021 (DOCX)
- Fire Department Monthly Report April 2021 (PDF)
- Fire Department Monthly Training Report April 2021 (PDF)
- Leisure Services Department Monthly Report May 2021 (PDF)
- Police Department Monthly Report April 2021 (PDF)
- ClearWater Solutions, LLC Monthly Report April 2021 (PDF)

DEVELOPMENT SERVICES MONTHLY REPORT / APRIL 2021

INSPECTIONS / P&Z

Building Permits Issued: 43
Building Estimated Cost: $3,584,005.20
Permit Fees Paid: $125,892.63
Inspections Completed: Daily Inspections:321, Apartment Finals: 864, Grand Total:1185
Plan Reviews Completed: 43

Attachment: Development Services Monthly Report April 2021 (2431 : Committee Reports)

To: Mayor Norton and City Council

From: Chief Lance Moore

Date: May 14, 2021

Ref: Committee Report

Sir,

The following is a summary of the incident responses and activity for the Fire Department between the dates of April 1, 2021 and May 1, 2021.

3 building fires

1 vehicle fires

90 emergency medical calls

14 motor vehicle collisions

0 carbon monoxide investigation

2 public service

15 dispatched and cancelled in route.

32 fire alarms

3 open area fires

2 hazardous material related.

1 elevator rescues

0 power line related

Total: 163

Crews have continued with pre incident planning.

Attachment: Fire Department Monthly Report April 2021 (2431 : Committee Reports)

Port Wentworth Fire Department

317 Cantyre Street
Port Wentworth, Georgia 31407

Lance Moore
Fire Chief

Telephone: (912) 210-7707
Office: (912) 401-0475

Monthly Fire Training Report

Apr. 1st, 2021 – Apr. 30th, 2021

Chief Moore,

This month, the training department focused on the following:

- Assisted FF Pinkney with his remedial training to help pass his probationary Firefighter test.
- The Burn facility upgrades have commenced and the new forcible entry door has been cut in and framed, we should see completion of the door and window by the end of May, weather permitting.
- The Training Division is pleased to have been able to develop the new Promotional testing process. This new standard will highlight the best candidates and pave the way for future leaders within the department.
- Medical Protocols were updated, and a completely new protocol book has been developed. We plan to implement these June 1st, 2021.
- We will begin teaching Apparatus Operator in May.

Lt. Ronald Hendry
Training Officer

Attachment: Fire Department Monthly Training Report April 2021 (2431 : Committee Reports)

May 2021 LEISURE SERVCIES DEPARTMENT REPORT

05/10/2021 Leisure Service Programs and Events for May and June

- Tee-ball games start May 3rd and end on May 17th.
- Outdoor Movie Night May 21st the Movie "The Sandlot".
- Baseball games end May 17th.
- Spring soccer games May 18th.
- Tumbling classes started May 3 will end May 29th. June Classes start June 5th.
- Feeding program daily will continue until October 2021. Our daily serving is from the front patio of the P.B. Edwards Jr. Gym. Emergency Feeding for children 18 and under. We pass out a cold breakfast and a hot lunch daily from 11:30-1:00pm. We will serve about 40-50 meals daily. This is in partnership with the Second Harvest Food Bank of Savannah.
- Dance classes for ages 12 and under on Monday's at the community house will end for summer on May 24th.
- Elegant Dolls Dance Majorette team practice on Tuesday and Thursday.
- Girls Scouts program is on Wednesday's and Saturday's.
- Adult Volleyball on Friday's for May and June.
- Basketball Camp will be June 8-11.
- Football Camp is June 14-18.
- Registration for Fall sports starts June 15th – August 1st (Football, Cheerleading, Soccer, Volleyball and Tumbling)

Ed Young Senior Center

- Senior Center will re-open on Monday May 17th all attendees must have masks on and be vaccinated.
- Daily in person lunch will be served at 12:00 in the dinning hall. Must pre-register the day before.
- Have center cleaned weekly and starting May 17th twice a week.
- Outside of Senior Center painted the week of May 16-22nd
- Continue the meals on wheels for Seniors that cannot come out by driving to pick up meals the meals will be taken to their house.

Administrative and Operations

Continue to create, update and import all summer sports camps into Tyler Parks and Rec online system.

- Continue to create meal count for Children's Feeding program daily/weekly and e-mail to Second Harvest
- Work on FY22 budget for Leisure Services and present power point at budget meeting.
- Advertise and pass out flyers for Drive in Movies Starting in May and do community E-blast.
- Continue to complete refunds, transfers of daily payments of programs and rentals monthly.
- Create ongoing Leisure Services employee bi-weekly work schedule.
- Keep Leisure Services Facebook page and City web page up to date on social media.
- Continue monitoring daily deposits and credit card import/export for all sports and rentals through our payment portal and Tyler Parks and Rec program.
- Continue to manage the cash and receivables from our Tyler Parks and Rec system. Daily deposits.
- Continue to manage team in maintaining cleanliness of all Leisure Services Departments facilities.
- Department reports due May 14th for Council meeting May 27th.

Attachment: Leisure Services Department Monthly Report May 2021 (2431 : Committee Reports)

- Department Head meeting May 12th
- Reconcile Monthly April P-card Statement and turn in to accounts payable by May 11th.
- Complete line item transfers.
- Interview and conduct reference checks. Complete new hire paperwork.

Mobley Park

- Continue to line Tee-ball Fields on the football field for TEE Ball.
- Build brick stand for Mobley Park Sign for entrance to park.
- Drag, till and line Field 1, 2 and 3 for baseball and softball.
- Continue to weed-eat all around building and fences.
- Disinfect weekly all playgrounds, benches, pic-nick tables with pressure washer at all parks, concession stands and pavilions. Keep parking lot at Mobley Park cut and clean.
- Take trash cans in and out of park weekly for pick up, Weekly Clean bathrooms and kill ants on all fields.
- Keep parking lot clean and weed eat.

Armadale Walking Path

- Spray ant spray on ant beds.
- Continue to cut grass, weed-eat and edge walking path.
- Consistently change out doggie station.

Festival Site/Soccer Fields and Tommy Thomas Pavilion

- Re-Line Soccer Fields for 14U Soccer and 8U Soccer in Fenced in Area.
- Cut area low for May Movie Drive in nights. (Create parking for drive in movie)
- Had every other light turned off until Georgia Power can put them all on a timer.
- Change out dog trash stations and add new dog waste bags. Cut grass, weed eat and edge park weekly.

Houlihan Boat Landing

- Replace cleats on floating dock by welding new ones on.
- Add two more pick nick tables.
- Cut and weed eat boat ramp area and retention ponds.
- Update Kiosk at boat landing. Roll up water hoses bi weekly and clean up trash in parking lot bi weekly.
- Straighten out bent fence.

Houston Church

- Open cemetery for Mother Day for visitors.
- Cut and weed-eat Houston Church weekly.
- Clean, dust and mop church monthly.

Warren Drive Playground / Park

- Continue to disinfect playground area bi weekly. Continue to cut grass, weed eat, edge weekly. Cleanou doggie station.
- Replace basketball outdoor hoops.

Attachment: Leisure Services Department Monthly Report May 2021 (2431 : Committee Reports)

Della Steel Park

- Disinfect playground area, picnic tables and pavilion area.
- Clean parking lot and pull trash cans to front of park.
- Pressure wash playground and pavilion area. Clean out grills etc. Cleanout doggie station.

P.B. Edwards Jr. Gym

- Have tumbling equipment set up on Monday's and Saturday's.
- Have gym ready for weekend rentals.
- Setting up volleyball net on Friday's.
- Daily starting at 9:00am the delivery of the food and passing it out starting at 11:30am – 1:00pm serving station for giving out cold breakfast and hot lunches to average of 50 people in partnership with Second Harvest Food and Feeding Program.
- Disinfect gym after each daily use.
- Re-stripe handy-cap parking spaces in May.
- Continued to buff and clean gym floor as needed.
- Cut, weed-eat and edge around gym and annex building weekly.

Community House

- Pressure wash outside of community house.
- Blow off roof.
- Marylyn Youmans Dance in May on Monday's.
- Church Rental on Sunday's until December.
- Elegant Dolls Dance team on Tuesday and Thursday 5:00-7:00.
- Continue to manage Leisure services team in cutting, weed eating, edging and blowing grass and mainta the gym/annex/senior center/warren drive park/ Dela Steel Park/Houston Church and Community Hous
- Continue to weekly clean bathrooms, kitchen, main area and check on AC etc.

Fountain

- Add new flowers, soil and mulch.
- Trim bushes, cut grass, pull weeds at fountain every other week.
- Refill fountain with water when it drops weekly.

Annex Building

- Have area ready for Garden.
- Pull out all tumbling equipment and put into gym main building.

Attachment: Leisure Services Department Monthly Report May 2021 (2431 : Committee Reports)

To: Mayor Norton
From: Chief Libby MC
Date: May 14, 2021
Ref: Committee report
Sir,

Below is summary of the all the department's activity for the period of **March 15, 2021 through May 13, 2021.** The summary will provide Council the total number of calls for service police units responded to as well as citations issued.

Police:

Since **March 15, 2021,** the police department has issued **3063 citations**. Officers conducted **1016** traffic stops. The department has made **60** arrests. **27** DUI cases were made along with **59** cases for possession of controlled substance and drug objects. The department was **7008** issued case report numbers for service calls. The department conducted **2586** residential and business checks. The department conducted **105** suspicious persons / vehicles stop. The department has responded to **201 accidents**. The department responded to **4** EMS calls. The department has taking **747** incident reports. The department has also conducted **224** combined walking patrols of both schools the Renasant Bank and other businesses.

Officers have attended **over 408** hours of training this month.

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

POLICE CALLS DISPATCHED
BY DAY OF THE MONTH

STARTING DATE: 04/01/2021
ENDING DATE: 04/30/2021

CHATHAM 911 COMMUNICATIONS SERVICES

	BL	CC	GC	PL	PW	SP	TB	TOTAL
04/01/2021	12	283	81	75	114	1,005	5	1,575
04/02/2021	5	429	64	97	97	873	4	1,569
04/03/2021	3	532	81	103	87	854	7	1,667
04/04/2021	6	402	45	49	108	662	5	1,277
04/05/2021	9	335	58	55	90	816	3	1,366
04/06/2021	23	258	76	67	96	783	6	1,309
04/07/2021	9	378	64	93	101	972	5	1,622
04/08/2021	4	475	51	81	81	887	4	1,583
04/09/2021	7	345	97	80	105	921	7	1,562
04/10/2021	12	230	80	66	82	967	6	1,443
04/11/2021	9	202	56	44	116	840	6	1,273
04/12/2021	7	358	70	64	93	832	8	1,432
04/13/2021	7	556	104	69	84	808	9	1,637
04/14/2021	16	310	75	61	135	1,073	7	1,677
04/15/2021	13	246	47	74	135	1,024	6	1,545
04/16/2021	27	377	58	102	90	896	14	1,564
04/17/2021	24	432	93	108	106	855	7	1,625
04/18/2021	25	321	57	60	98	706	7	1,274
04/19/2021	7	357	52	68	106	946	11	1,547
04/20/2021	7	306	66	71	143	944	10	1,547
04/21/2021	21	414	77	110	132	1,069	14	1,837
04/22/2021	8	392	72	74	70	840	8	1,464
04/23/2021	18	352	70	82	129	1,093	8	1,752
04/24/2021	9	255	44	48	144	836	12	1,348
04/25/2021	41	227	84	59	122	752	9	1,294
04/26/2021	12	388	64	75	126	792	20	1,477
04/27/2021	1	372	65	71	82	775	14	1,380
04/28/2021	6	317	76	53	108	997	3	1,560
04/29/2021	5	326	54	91	135	912	8	1,531
04/30/2021	13	383	81	75	114	871	10	1,547
TOTAL	366	10,558	2,062	2,225	3,229	26,601	243	45,284

**NOTE: Excludes calls where Animal Services was primary responder*

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

POLICE CALLS DISPATCHED
BY DAY OF THE MONTH

STARTING DATE: 03/01/2021
ENDING DATE: 03/31/2021

CHATHAM 911 COMMUNICATIONS SERVICES

	BL	CC	GC	PL	PW	SP	TB	TOTAL
03/01/2021	11	457	61	70	112	913	9	1,633
03/02/2021	6	578	69	80	98	803	3	1,637
03/03/2021	2	426	88	74	100	1,071	11	1,772
03/04/2021	10	322	89	88	121	850	6	1,486
03/05/2021	11	608	95	73	132	1,158	6	2,083
03/06/2021	10	550	51	89	85	910	3	1,698
03/07/2021	7	577	46	57	97	785	7	1,576
03/08/2021	11	320	89	54	128	930	6	1,538
03/09/2021	10	253	73	80	93	1,062	7	1,578
03/10/2021	12	492	80	59	118	989	5	1,755
03/11/2021	9	487	62	83	112	849	7	1,609
03/12/2021	11	314	82	83	98	1,007	7	1,602
03/13/2021	11	305	89	82	137	1,015	8	1,647
03/14/2021	10	265	42	41	104	797	8	1,267
03/15/2021	7	414	68	74	126	833	4	1,526
03/16/2021	12	531	111	89	85	974	7	1,809
03/17/2021	8	417	74	66	111	1,008	9	1,693
03/18/2021	17	339	75	60	124	1,074	11	1,700
03/19/2021	33	439	84	118	124	851	13	1,662
03/20/2021	35	484	69	83	119	806	5	1,601
03/21/2021	12	427	35	53	123	741	15	1,406
03/22/2021	7	363	71	[illegible]	91	859	6	1,440
03/23/2021	8	334	60	90	109	819	10	1,430
03/24/2021	17	392	56	111	114	977	11	1,678
03/25/2021	4	460	52	118	129	917	2	1,682
03/26/2021	46	325	70	92	108	891	9	1,541
03/27/2021	40	283	95	76	95	929	6	1,524
03/28/2021	33	257	52	56	81	885	0	1,364
03/29/2021	7	378	39	88	116	815	9	1,452
03/30/2021	16	479	35	100	102	653	4	1,389
03/31/2021	10	295	75	81	105	905	7	1,478
TOTAL	443	12,571	2,137	2,411	3,397	28,076	221	49,256

**NOTE: Excludes calls where Animal Services was primary responder*

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Code Violations

	Code Enforcement Cases		
	March 15- April 14 2021		
Address		Status	
112 Crabapple	Ordinance Violation	Completed	
809 B Crossgate	Grass	Completed	
4 Crutcher	Trash	Completed	
9 Turnbery	Trash	Completed	
108 Cantyre Street	Trash/Quality of Life	Open	
106 Gordon St	Grass Court date 05/04/2021	open	
107 Gordon Street	Trash recheck on 04/20/2021	open	
Family Dollar	Grass/Trash	Continueing	
Business License	City Wide 105 Subpoenas sent Court Dates 05/18 05/25/ 06/01 06/08	open	
211 Clifton Drive	Subpoena will be sent to the owner of the property on 02/19/2021.		
	Waiting for certified letter containing subpoena to be signed for. This		
	is and open issue for structue to b demolished.		
*****	Demolition permit applied for by the owner of the property on 04/07/2021		******

Code Violations

	Code Enforcement Cases	
	April 15 - May 14 2021	
Address		Status
106 Turnberry	Grass/Overgrowth	Subpoenaed to Court
122 Turnberry	Grass	Subpoenaed to Court
300 Osteen	Trash	Completed
City ight of way	Boat	Towed
106 Gordon Street	Property Maintenance Guilty..... Court will monitor	Open
107 Gordon Street	Property Maintenance	open
312 Turnberry	Grass	open
304 Birkenhead	Sewe Line	Completed
Business License	City Wide 105 Subpoenas sent Court Dates 05/18 05/25/ 06/01 06/08	open
116 Turnberry	Grass	Completed
808 Crossgate	Grass	Completed
816 Crossgate	Grass	Completed
820 Crossgate	Grass	Completed
Brown Thrasher	Derelict Vehicles	Completed
303 Osteen	Yard Timmings	Completed
305 Osteen	Yard Timmings	Completed
14 North Coastal Highway	Unlicensed Business	Completed
809 B Crossgate Rd	Derelict Vehicles	Towed
11 Horne Place	unregistered vehicle	Completed
9 Horne Place	Derelict vehicle	Removed
827 Crossgate	Grass	Completed
Warren Drive at Basketball Court	Vehicles	
56 Warren Dr	Vehicles	
43 Waren Dr	Grass	
45 Warren Dr	Grass	
211 Clifton Dr	Owner did not supply requied paperwork for Demolition permit	
	Supoenaed to Court 05/25/2021. Seeking Court Order for Demolition	
	to proceed by the City of PW	

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Citation Violations reported between 3/15/2021 and 5/13/2021

Violation:	Code:	Total:
AGGRESSIVE DRIVING	40-6-397	3
FAILURE TO SIGNAL WHEN TURNING OR CHANGING LANES	40-6-123(A)	1
TERRORISTIC THREATS AND ACTS	16-11-37	4
AFFRAY	16-11-32	2
DOG AT LARGE	4-20	1
DOG SHOTS REQUIREMENT	4-19	1
STANDARDS FOR BRAKE LIGHTS/SIGNAL DEVICES	40-8-26	31
PERMITTING UNLICENSED DRIVER TO DRIVE	40-5-122	1
PASSING IN A NO PASSING ZONE	40-6-46	27
FAILURE TO OBEY TRAFFIC CONTROL DEVICE	11-13A	1
SAFETY RESTRAINT/MINOR 8 TO 17 YOA	40-8-761000	2
SAFETY RESTRAINT--OVER 18 YEARS	40-8-761	53
DUI/DRUGS/LESS SAFE	40-6-391A2	3
IMPROPERLY STOPPED IN ROADWAY	40-6-123C	7
SPEEDOMETER-IMPROPERLY WORKING	40-8-8	1
PROHIBITED GRASS AND WEEDS AFTER NOTICE	14-2A/B	2
FLEEING/ATTEMPTING TO ELUDE POLICE OFFICER MISDEAMOR	40-6-395A	2
BICYCLES TO BE RIDDEN ON RIGHT SIDE OF ROADWAY	40-6-294A	1
CHILD MOLESTATION-FELONY	16-6-4	1
TRANSACTIONS IN DRUG RELATED OBJECTS	16-13-32.1	1
LEAVING VEHICLE UNATTENDED	40-6-201	6
DUI/ALCOHOL/LESS SAFE	40-6-391A1	15
IMPROPER DISPLAY OF TAG	40-2-8	1
UNSAFE/UNLAWFUL STRUCTURE	108.1.4	2
CRUELTY TO CHILDREN-1ST DEGREE	16-5-70(B)	1
NO BRAKE LIGHTS OR WORKING TURN SIGNALS	40-8-25	22
FAILURE TO STOP AT STOP SIGN	40-6-72	54
AGGRAVATED ASSAULT-STRANGULATION	16-5-21(B)(3)	1
BURGLARY	16-7-1	4
FOLLOWING TOO CLOSELY	40-6-49	31
DRIVING WRONG WAY ON ONE WAY	40-6-47	6
IMPROPER PASSING ON RIGHT	40-6-43B	31
INTERFERENCE WITH GOVERNMENT PROPERTY	16-7-24	4
UNLAWFUL USE OF WIRELESS DEVICE (CMV)	40-6-241(D)	1
DRUGS NOT IN ORIGINAL CONTAINER - MISDEMEANOR	16-13-75	1
SUSPENDED REGISTRATION	40-6-15	72
OPEN CONTAINER OF ALCOHOL IN MOTOR VEHICLE	40-6-253	12
CRIMINAL DAMAGE TO PROPERTY - 2ND DEGREE	16-7-23	1
OBSCURING LICENSE PLATE IN ORDER TO IMPEDE SURVEILLANCE EQUIPMENT	40-2-6.1	1
OBSTRUCTION/HINDER LAW ENFORCEMENT OFFICER-MISD	16-10-24A	13
FAILURE TO OBTAIN GEORGIA LICENSE IN 30 DAYS	40-5-20(C)	4
NO HORN/IMPROPER USE OF HORN	40-8-70A	1

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BURGLARY - 2ND DEGREE (FELONY)	16-7-1(C)	1
DRIVING IN DIVIDED HIGHWAY, CONTROLLED ACCESS ROADWAYS, AND EMERGENCY LANES	40-6-50	6
EXPIRED DRIVER'S LICENSE 2-5 MONTHS	40-5-20(B)	2
IMPROPER STOPPING	40-6-203	33
FAILURE TO EXERCISE DUE CARE	40-6-241(B)	15
FAILURE TO OBTAIN BUSINESS LICENSE	11-13A	90
AGGRAVATED SODOMY	16-6-2	1
OPERATING VEHICLE WITH UNAUTHORIZED BLUE LIGHTS	40-8-90	3
NUISANCE DOG COMPLAINT	4-20(C)	1
AGGRAVATED ASSAULT AGAINST A PEACE OFFICER	16-5-21 (A)	1
TIRE REQUIREMENT	40-8-74	6
IMPROPER RIGHT OR LEFT TURN	40-6-120(A)1	1
WINDOW GLAZING VIOLATION/TINTED WINDOWS	40-8-73.1	34
UNSECURED LOAD	40-6-248.1	1
FLASHING OR REVOLVING LIGHTS WITHOUT PERMIT	40-8-92	2
COCAINE- POSSESSION WITH INTENT	16-13-30(B)	1
USE OF LICENSE PLATE WITH INTENT TO CONCEAL	40-2-7	9
IMPROPER U-TURN	40-6-121	82
CRIMINAL TRESPASS	16-7-21	5
HEADLIGHT REQUIREMENTS	40-8-22	55
POSSESSION W INTENT TO DISTRIBUTE CONTROLL SUBSTANCE	16-13-30B	1
FAILURE TO OBEY TRAFFIC CONTROL DEVICE	40-6-20	135
WRONG CLASS OF LICENSE	40-5-23	3
VIOLATION OF NOISE ORDINANCE/DISTURBING PEACE	15-2	1
LICENSE TO BE EXHIBITED ON DEMAND	40-5-29B	41
FAILURE TO YIELD WHEN ENTERING ROADWAY	40-6-74	1
TAMPERING WITH EVIDENCE - MISDEMEANOR	16-10-94	2
SAFETY RESTRAINT--OVER 18 YEARS	40-8-761000	1
FAILURE TO YIELD AT PROPER SIGN	40-6-72C	3
WINDSHIELD/WINDOW/WIPER REQUIREMENTS	40-8-73	20
UNLAWFUL USE OF WIRELESS DEVICE	40-6-241(C)	57
POSSESSION MARIJUANA- LESS THAN 1 OZ.	16-13-2(B)	2
IMPROPER PASSING	40-6-42	4
TINTED TAIL LIGHT COVERS	40-8-26	2
EXPIRED DRIVER'S LICENSE 0-1 MONTH	40-5-20(A)	4
HIT AND RUN; DUTY OF DRIVER TO STOP AT OR RETURN TO SCENE OF ACCIDENT	40-6-270	1
TAG/ REGISTRATION REQUIREMENTS	40-2-20	12
IMPROPER LEFT OR RIGHT TURN	40-6-120	64
FAILURE TO SIGNAL WHEN TURNING OR CHANGING LANES	40-6-123	12
IMPROPER NAME/ADDRESS ON LICENSE	40-5-33	39
SIMPLE BATTERY	16-5-23	3
AGGRAVATED SEXUAL BATTERY	16-6-22.2	1
STOPPING, STANDING, OR PARKING OUTSIDE OF BUSINESS OR RESIDENTIAL DISTRICTS	40-6-202	22
SAFETY RESTRAINT / MINOR UNDER 8	40-8-76	20
POSSESSION OF FIREARM BY CONVICTED FELON OR FIRST	16-11-131	1

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OFFENDER		
TAGS: ALTERATION OR IMPROPERLY TRANSFERRED	40-2-6	2
PARKING SO AS TO INTERFER WITH VISION AT AN INTERSECTION	13-6	1
CRUELTY TO CHILDREN 3RD DEGREE OR 3RD SUBSEQUENT OFFENSE	16-5-70D	1
FAILURE TO YIELD WHEN ENTERING ROADWAY	40-6-73	12
APPROACHING AUTHORIZED EMERGENCY VEHICLE	40-6-16(B)	121
DUI - REFUSAL	40-6-391	2
FALSE REPORT OF A CRIME	16-10-26	1
RAPE	16-6-1	1
SERIOUS INJURY BY VEHICLE	40-6-394	6
AGGRAVATED BATTERY (DVA)	16-5-24(H)	1
ALTERATION OF SUSPENSION SYSTEM	40-8-6	2
PASSING WITHING 100 FT OF INTERSECTION/RR CROSSING	40-6-45	2
POSSESSION OF MARIJUANA MORE THAN 1 OZ	16-13-30J	1
FAILURE TO OBTAIN GA TAG IN 30 DAYS	40-2-90	8
FAILURE TO DIM HEADLIGHTS	40-8-31	12
DRIVING UNSAFE/IMPROPERLY EQUIPPED VEHICLE	40-8-7	2
PROHIBITING MOPEDS ON PUBLIC ROADS AND HIGHWAY	40-6-353	2
FAILURE TO YIELD FOR AUTHORIZED EMERGENCY VEHICLE	40-6-74	27
DISORDERLY CONDUCT	15-1	4
OBSTRUCTING OR HINDERING PERSONS MAKING EMERGENCY TELEPHONE CALL	16-10-24.3	2
VIOLATION OF CONDITIONS ON LIMITED DRIVING PERMIT	40-5-64	2
FAILURE YIELD WHEN ENTERING ROADWAY	40-6-73	1
PARKING IN ROADWAY	40-6-203	18
POSSESSION AND USE OF DRUG RELATED OBJECTS	16-13-32.2	16
SEATBELT- CHILD	40-8-76	2
MOTORCYCLE MUST USE HEADLIGHTS/TAILLIGHTS	40-6-312E	1
IMPEDING THE FLOW OF TRAFFIC	40-6-184	16
		1
EXPIRED DRIVER'S LICENSE6 MONTHS OR MORE	40-5-20C	4
OPERATING UNSAFE VEHICLE	40-8-7	1
FLASHING CIRCULAR RED OR YELLOW SIGNALS	40-6-23	8
FAILURE TO MAINTAIN LANE/IMPROPER LANE CHANGE	302.1	1
SPEEDING IN EXCESS OF MAXIMUM LIMITS	40-6-181	558
POSSESSION CONTOLLED SUBSTANCE MDMA	16-13-30(A)	2
DRIVING THROUGH A SAFETY ZONE	40-6-98	6
ACQUIRING LICENSE PLATE FOR PURPOSE OF CONCEALING IDENTIFICATION OF MOTOR VEHICLE	40-2-5	3
FAILURE TO MAINTAIN LANE/IMPROPER LANE CHANGE	40-6-48	101
CLASS CP LICENSE (INSTRUCTIONAL PERMIT)	40-5-24	4
FAILURE TO USE HEADLIGHTS AFTER DARK/WHEN RAINING	40-8-20	15
LEFT LANE VIOLATION	40-6-52	18
POSESSION OF MARIJUANA	16-13-2(B)	27
UNLAWFUL PASSING ON RIGHT	40-6-43A	10
THEFT BY TAKING - FELONY	16-8-2	1
AGGRAVATED ASSAULT	16-5-21	4

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RACING ON HIGHWAYS OR STREETS	40-6-186	3
HARBORING POTENTIALLY DANGEROUS DOGS	4-10	1
IMPROPER BACKING	40-6-240	9
FALSE STATEMENTS OR WRITINGS; CONCEAL FACTS OR FRAUDULENT DOCUMENTS IN MATTERS OF GOVERNMENT	16-10-20	1
ATTEMPT OR CONSPIRACY TO VIOLATE GEORGIA CONTROLLED SUBSTANCE ACT - MISDEMEANOR	16-13-33	1
GIVING FALSE NAME, ADDRESS, OR BIRTHDATE TO LAW ENFORCEMENT OFFICER	16-10-25	3
POSSESSION OF MORE THAN ONE VALID LICENSE	40-5-20C	1
THEFT BY RECEIVING STOLEN PROPERTY - FELONY	16-8-7	1
SLOW POKE LAW (LEFT LANE DRIVING PROHIBITED)	40-6-184 (C)	14
IMPROPER TAG	40-6-166	2
DRIVING WRONG SIDE OF ROAD	40-6-40A	2
FAILURE TO YIELD WHILE TURNING LEFT	40-6-71	1
POSSESSION OF MARIJUANA WITH INTENT TO DISTRIBUTE	16-13-30J1	1
FAILURE TO AFFIX DECAL TO PLATE	40-2-8	11
DRIVING WITHOUT A VALID LICENSE- MISDEMEANOR	40-5-20	87
POINTING OR AIMING GUN OR PISTOL AT ANOTHER	16-11-102	1
FAILURE TO REPORT ACCIDENT WITH INJURY/DEATH/DAMAGE	40-6-273	1
NO INSURANCE	40-6-10	60
DUI/ALCOHOL/.08 OR MORE/21 YOA OR OLDER	40-6-391A5	6
FAILURE TO USE TURN SIGNAL	40-6-124	7
TRUCKS OVER 6 WHEEL MUST STAY TO RIGHT	40-6-52	3
CONTEMPT OF COURT-STATE	16-1-4	2
SPEEDING IN CONSTRUCTION ZONE	40-6-188	1
FAILURE TO SIGNAL	40-6-123(A)	1
AGGRAVATED STALKING	16-5-91	1
FAILURE TO YIELD RIGHT OF WAY AT INTERSECTION	40-6-70	4
DRIVING ON WRONG SIDE OF ROADWAY	40-6-40	11
FLEEING/ATTEMPTING TO ELUDE POLICE OFFICER FELONY	40-6-395B5A	7
SEATBELT VIOLATION-CMV	[illegible]	2
DAMAGE TO CITY, PUBLIC PROPERTY	16-4	1
SIMPLE ASSAULT	16-5-20	3
SIMPLE BATTERY DVA	16-5-23F	1
IMPROPER EXHAUST	40-8-71	1
POSSESSION OF FIREARM OR KNIFE DURING COMMISSION OF OR ATTEMPT TO COMMIT A CRIME	16-11-106	2
TAG LIGHT REQUIRED	40-8-23 (D)	12
TRUCK ON A CITY STREET	13-5	18
LITTERING HIGHWAY	40-6-249	5
DUI - COMBINATION	40-6-391A4	4
VIOLATION OF CLASS D RESTRICTIONS	40-5-24(B)(1)(A)	3
TAIL LIGHTS REQUIRED	40-8-23	31
DRIVING WHILE LICENSE SUSPENDED OR REVOKED-MISDEMEANOR	40-5-121	65
RECKLESS DRIVING	40-6-390	12
OBSTRUCTING AN INTERSECTION	40-6-205	1
MIRROR REQUIREMENTS	40-8-72	5

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IMPROPER USE OF DEALER PLATE	40-2-38	1
TOO FAST FOR CONDITIONS	40-6-180	97
OBSCURING TAG FRAME OR TINTED TAG COVERS PROHIBITED	40-2-41	10
UNLAWFUL USE OF BLUE LIGHTS ON VEHICLE	40-8-90	3
REFUSE TO SIGN TRAFFIC CITATION AS REQUIRED	40-13-2.1	1
DRIVING IN THE EMERGENCY LANE/SHOULDER	40-6-50B	88
STOPPING, STANDING, OR PARKING OUTSIDE OF BUSINESS OR RESIDENTIAL DISTRICTS	16-13-30(A)	1
PUBLIC DRUNKENNESS	16-11-41	2
BATTERY	16-5-23.1	3
DUI/ALCOHOL/UNDER 21 YOA/.02G +	40-6-391K1	1
PROBATION VIOLATION	42-8-32	1
RECKLESS CONDUCT	16-5-60(B)	8
PUBLIC INDECENCY	16-6-8	1
VIOLATION OF LICENSE RESTRICTIONS	40-5-30	1
EXPIRED REGISTRATION	40-2-8	160
BICYCLE LIGHT AT NIGHT REQUIRED	40-6-296	1
POSSESSION OF CONTROLLED SUBSTANCE	16-13-30	7
NO TAG	40-2-8	6
OPERATING RESTRICTIONS FOR OFF ROAD VEHICLES	40-7-4	1
MURDER	16-5-1	1
Total Events:		3063

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Incident Types reported between 3/15/2021 and 5/13/2021

Events:	Total:
ABANDONED VEHICLE TOWED	4
AFFRAY	2
AGENCY ASSIST	1
AGGRAVATED ASSAULT	3
AGGRAVATED ASSAULT AGAINST A PEACE OFFICER	1
AGGRAVATED ASSAULT-STRANGULATION	1
AGGRAVATED BATTERY (DVA)	1
AGGRAVATED STALKING	2
AGGRESSIVE DRIVING	3
AMPHETAMINE- POSSESSION OF	2
AMPHETAMINE- SALE OF	1
ANIMAL COMPLAINT	1
APPROACHING AUTHORIZED EMERGENCY VEHICLE	5
ARSON - 2ND DEGREE	1
ATTEMPT OR CONSPIRACY TO VIOLATE GEORGIA CONTROLLED SUBSTANCE ACT - FELONY	1
BATTERY	1
BATTERY (FV)- 1ST OFFENSE	3
BATTERY (FV)- 2ND OR SUBSEQUENT OFFENSE	1
BICYCLE LIGHT AT NIGHT REQUIRED	1
BICYCLES TO BE RIDDEN ON RIGHT SIDE OF ROADWAY	1
BLUE LIGHT RESTRICTIONS ON VEHICLES	1
BURGLARY	5
BURGLARY - 1ST DEGREE (FELONY)	2
BURGLARY - 2ND DEGREE (FELONY)	5
CHILD MOLESTATION-FELONY	2
CIVIL MATTER	7
COMPUTER FORGERY	1
COMPUTER PORNOGRAPHY	1
CRIMINAL ATTEMPT TO COMMIT A FELONY	1
CRIMINAL DAMAGE TO PROPERTY - 2ND DEGREE	3
CRIMINAL TRESPASS	14
CRUELTY TO CHILDREN-1ST DEGREE	1
CRUELTY TO CHILDREN-3RD DEGREE	1
CUSTODY DISPUTE	1
DAMAGE TO CITY, PUBLIC PROPERTY	2
DAMAGE TO PROPERTY	14
DAMAGING, DESTROYING, OR SECRETING PROPERTY TO DEFRAUD ANOTHER	1

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DEATH INVESTIGATION	4
DEPOSIT ACCOUNT FRAUD - FELONY	1
Discharging Firearms, BB guns, etc.	1
DISORDERLY CONDUCT	6
DOG AT LARGE	1
DOMESTIC DISPUTE	34
DRIVER TO EXERCISE DUE CARE	1
DRIVING IN DIVIDED HIGHWAY, CONTROLLED ACCESS ROADWAYS, AND EMERGENCY LANES	1
DRIVING IN THE EMERGENCY LANE/SHOULDER	7
DRIVING ON WRONG SIDE OF ROADWAY	2
DRIVING WHILE LICENSE SUSPENDED OR REVOKED- FELONY	3
DRIVING WHILE LICENSE SUSPENDED OR REVOKED- MISDEMEANOR	58
DRIVING WITHOUT A VALID LICENSE- MISDEMEANOR	71
DUI - COMBINATION	4
DUI - DRIVING UNDER THE INFLUENCE OF ALCOHOL - CONCENTRATION IS 0.08G OR MORE WITHIN 3 HRS OR MORE	3
DUI - LESS SAFE- ALCOHOL	10
DUI - REFUSAL	1
DUI/ALCOHOL/.08 OR MORE/21 YOA OR OLDER	3
DUI/ALCOHOL/LESS SAFE	6
DUI/DRUGS/LESS SAFE	2
ELDER ABUSE-EXPLOIT/INFLICT PAIN TO/DEPRIVE ESSENTIAL SERVICES TO DISABLED PERSON, ELDER PERSON OR	1
ENTERING AUTOMOBILE OR OTHER MOTOR VEHICLE WITH INTENT TO COMMIT THEFT OR FELONY	6
EXPIRED REGISTRATION	5
FAILURE TO MAINTAIN LANE/IMPROPER LANE CHANGE	12
FAILURE TO OBEY TRAFFIC CONTROL DEVICE	2
FAILURE TO REPORT ACCIDENT WITH INJURY/DEATH/DAMAGE	1
FAILURE TO SIGNAL	3
FAILURE TO SIGNAL WHEN TURNING OR CHANGING LANES	1
FAILURE TO STOP AT STOP SIGN	5
FAILURE TO USE HEADLIGHTS AFTER DARK/WHEN RAINING	1
FAILURE TO USE TURN SIGNAL	1
FAILURE TO YIELD FOR AUTHORIZED EMERGENCY VEHICLE	4
FAILURE TO YIELD WHEN ENTERING ROADWAY	2
FALSE STATEMENTS OR WRITINGS; CONCEAL FACTS OR FRAUDULENT DOCUMENTS IN MATTERS OF GOVERNMENT	1
FINANCIAL TRANSACTION CARD FORGERY	2
FINANCIAL TRANSACTION CARD FRAUD	4
FIRE-STRUCTURE	1
FIRE-VEHICLE	1
FLEEING OR ATTEMPTING TO ELUDE A POLICE OFFICER	1
FLEEING OR ATTEMPTING TO ELUDE A POLICE OFFICER FOR A FELONY OFFENSE	7
FLEEING/ATTEMPTING TO ELUDE POLICE OFFICER FELONY	3
FOLLOWING TOO CLOSELY	2
FORGERY - 3RD DEGREE	1
FRAUDULENT ATTEMPTS TO OBTAIN REFUNDS	1
GIVING FALSE NAME, ADDRESS, OR BIRTHDATE TO LAW ENFORCEMENT OFFICER	4
HARASSING COMMUNICATIONS	6
HEADLIGHT REQUIREMENTS	6
HIT AND RUN; DUTY OF DRIVER TO STOP AT OR RETURN TO SCENE OF ACCIDENT	1
IDENTITY THEFT	2
ILLEGAL STOPPING IN ROADWAY	1
IMPEDING THE FLOW OF TRAFFIC	2
IMPROPER BACKING	1
IMPROPER LEFT OR RIGHT TURN	4
IMPROPER NAME/ADDRESS ON LICENSE	2
IMPROPER PASSING ON RIGHT	2
IMPROPER STOPPING	5
IMPROPER U-TURN	3
INDECENT EXPOSURE	1
INFORMATION REPORT	1
INTERFERENCE WITH CUSTODY	1

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INTERFERENCE WITH GOVERNMENT PROPERTY	4
INTERFERENCE WITH GOVERNMENT PROPERTY - FELONY	1
JUVENILE COMPLAINT	1
LICENSE TO BE EXAMINED ON DEMAND	4
LITTERING HIGHWAY	2
LITTERING PUBLIC OR PRIVATE PROPERTY OR WATERS	1
LOITERING AND PROWLING-CITY ORDINANCE	1
LOITERING OR PROWLING	1
LOST/MISLAID PROPERTY	6
MEDICAL CALL	5
MENTAL HEALTH TRANSPORT	2
MISCELLANEOUS REPORT	31
MISSING JUVENILE	1
MISSING PERSON	3
MOTORCYCLE MUST USE HEADLIGHTS/TAILLIGHTS	1
NO INSURANCE	13
NO LICENSE ON PERSON	1
OBSCURING TAG FRAME OR TINTED TAG COVERS PROHIBITED	1
OBSTRUCTING CITY STREETS OR SIDEWALKS	1
OBSTRUCTING OR HINDERING PERSONS MAKING EMERGENCY TELEPHONE CALL	2
OBSTRUCTION OF LAW ENFORCEMENT OFFICERS - MISDEMEANOR	12
OBSTRUCTION/HINDER LAW ENFORCEMENT OFFICER-MISD	1
OPEN CONTAINER OF ALCOHOL IN MOTOR VEHICLE	6
OPEN DOOR	2
PASSING ON THE SHOULDER OF THE ROADWAY	2
PASSING WITHING 100 FT OF INTERSECTION/RR CROSSING	1
PERMITTING UNLICENSED DRIVER TO DRIVE	1
POINTING OR AIMING GUN OR PISTOL AT ANOTHER	1
POSESSION OF MARIJUANA	23
POSS MORE THAN 1 LICENSE	1
POSSESSION AND USE OF DRUG RELATED OBJECTS	9
POSSESSION OF CONTROLLED SUBSTANCE	4
POSSESSION OF DRUG RELATED OBJECTS	1
POSSESSION OF FIREARM OR KNIFE DURING COMMISSION OF OR ATTEMPT TO COMMIT A CRIME	1
POSSESSION OF MARIJUANA MORE THAN 1 OZ	1
POSSESSION OF MARIJUANA WITH INTENT TO DISTRIBUTE	1
PROBATION VIOLATION	1
PROHIBITING MOPEDS ON PUBLIC ROADS AND HIGHWAY	1
PUBLIC DRUNKENNESS	2
RAPE	2
RECKLESS CONDUCT	3
RECKLESS DRIVING	11
RECOVERED CONTRABAND	2
RECOVERED PROPERTY-NOT STOLEN	1
RECOVERED STOLEN MOTOR VEHICLE	
RECOVERED STOLEN PROPERTY	1
RUNAWAY JUVENILE	1
SAFETY RESTRAINT / MINOR UNDER 8	3
SAFETY RESTRAINT--OVER 18 YEARS	6
SEATBELT- ADULT	2
SERIOUS INJURY BY VEHICLE	1
SEXUAL BATTERY	1
SIMPLE ASSAULT	2
SIMPLE ASSAULT - FAMILY VIOLENCE	1
SIMPLE BATTERY	4
SIMPLE BATTERY - FAMILY VIOLENCE	4
SLOW POKE LAW (LEFT LANE DRIVING PROHIBITED)	1
SPEEDING IN EXCESS OF MAXIMUM LIMITS	29
STALKING	1
STANDARDS FOR BRAKE LIGHTS/SIGNAL DEVICES	1
SUICIDE THREAT/ATTEMPT	3
SUSPENDED REGISTRATION	10
SUSPICIOUS INCIDENT	2
TAG LIGHT REQUIRED	2
TAG/ REGISTRATION REQUIREMENTS	1

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Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

TAIL LIGHTS REQUIRED	5
TAMPERING WITH EVIDENCE - FELONY	2
TERRORISTIC THREATS AND ACTS	7
THEFT BY DECEPTION - FELONY	2
THEFT BY RECEIVING STOLEN PROPERTY - FELONY	1
THEFT BY SHOPLIFTING	1
THEFT BY TAKING - FELONY	5
THEFT BY TAKING - MISDEMEANOR	6
THEFT BY TAKING- MOTOR VEHICLE	4
TIRE REQUIREMENT	1
TOO FAST FOR CONDITIONS	6
UNGOVERNABLE CHILD	7
UNLAWFUL USE OF WIRELESS DEVICE 1ST OFFENSE	1
USE OF LICENSE PLATE WITH INTENT TO CONCEAL	2
VIOLATING FAMILY VIOLENCE ORDER	1
VIOLATION OF NOISE ORDINANCE/DISTURBING PEACE	1
WANTED PERSON	7
WARRANT EXECUTED	1
WARRANT SERVED	2
WELFARE CHECK	5
WINDOW GLAZING VIOLATION/TINTED WINDOWS	1
WINDSHIELD/WINDOW/WIPER REQUIREMENTS	3
Total Events:	747

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

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CRASH LOCATION REPORT

For Crashes occurring between 3/15/2021 and 5/13/2021

REPORT GENERATED ON: 5/14/2021 1:58:23 PM

Port Wentworth PD

ACCIDENT#	ROAD OF OCCURRENCE/LOCATION	AT INTERSECTION WITH	ACCIDENT DATE	TIME
210326080			3/26/2021	16:24
210402021			4/2/2021	08:15
210410079			4/10/2021	23:45
210411028			4/11/2021	07:25
210413021			4/13/2021	08:56
210414074			4/14/2021	14:17
210430105			4/30/2021	21:30
210505027			5/5/2021	06:11
210328055	100 BLDG VILLAGE PARK APARTMENTS		3/28/2021	13:05
210327030	1332 MULBERRY BLVD		3/27/2021	11:40
210405041	14 STEMSON WAY		4/5/2021	12:22
210425058	15 MIRIAM JORDAN		4/25/2021	12:00
210405063	1501 CROSSGATE RD		4/5/2021	16:18
210427034	602 EXPANSION BLVD		4/27/2021	08:00
210430075	7001 GA-21		4/30/2021	17:15
210329099	7001 HWY 21 PORT WENTWORTH GA		3/29/2021	08:00
210326079	7001 S.R. 21		3/26/2021	16:05
210329100	7001 SR 21		3/29/2021	20:35
210330021	7001 SR-21 PORT WENTWORTH GA		3/30/2021	05:35
210328038	7201 SR-21 S		3/28/2021	10:00
210427058	7306 SR-21 PORT WENTWORTH GA,		4/27/2021	16:30
210430070	ARDMORE APARTMENTS		4/30/2021	14:45
210331073	BENTON BLVD	MIENHARD RD	3/31/2021	17:42
210413024	BONNYBRIDGE RD		4/13/2021	09:20
210402059	BOURNE AVE	SR-21	4/2/2021	16:40
210406066	BOURNE AVE	SR-21 S	4/6/2021	16:13
210420098	BOURNE AVE	SR-21 SB	4/20/2021	16:30
210316035	BOURNE AVENUE	SR 21	3/16/2021	11:43
210510073	BURGER KING		5/10/2021	14:00
210421030	CABOTT STREET	STATE ROAD 21 SOUTHBOUND	4/21/2021	05:50
210504038	CANTYRE ST		5/4/2021	04:38
210328077	COLD BROOK STATION CIR		3/28/2021	20:34
210408051	COMMONWEALTH AVE		4/8/2021	16:38
210501050	COOK ST	SR-21	5/1/2021	10:00
210417039	CORDAGE CIRCLE		4/16/2021	18:30
210505011	ENMARKET GAS STATION		5/5/2021	02:25
210401050	GA-21		4/1/2021	08:57
210408029	GULFSTREAM RD.		4/8/2021	13:05
210322033	HENDLEY RD	SR-21 S	3/22/2021	07:49
210427033	HIGHWAY 30	HODGEVILLE RD	4/27/2021	08:04
210426039	HODGEVILLE	HWY-30	4/26/2021	06:40
210512003	HWY 30		5/12/2021	01:33
210329088	HWY 30	MAGELLAN BLVD	3/29/2021	18:38

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

CRASH LOCATION REPORT

For Crashes occurring between 3/15/2021 and 5/13/2021

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Port Wentworth PD

ACCIDENT#	ROAD OF OCCURRENCE/LOCATION	AT INTERSECTION WITH	ACCIDENT DATE	TIME
210402056	I-95		4/2/2021	16:05
210413019	I-95		4/13/2021	08:33
210506057	I-95		5/6/2021	13:20
210413023	I-95	MM 109	4/13/2021	09:26
210403002	I-95	SR-21	4/2/2021	23:55
210315070	I-95 OFF RAMP	S.R. 21	3/15/2021	14:51
210418069	I-95 S		4/18/2021	16:27
210412036	I95		4/12/2021	00:00
210416025	I95		4/16/2021	07:00
210430074	INTERNATIONAL TRADE PKY		4/30/2021	16:30
210323092	INTERSTATE 95		3/23/2021	21:10
210327047	INTERSTATE 95		3/27/2021	15:15
210405036	INTERSTATE 95		4/5/2021	11:29
210412072	INTERSTATE 95		4/12/2021	17:36
210413003	INTERSTATE 95		4/13/2021	01:30
210422038	INTERSTATE 95		4/22/2021	13:15
210430069	INTERSTATE 95		4/30/2021	14:20
210501068	INTERSTATE 95		5/1/2021	14:20
210319065	INTERSTATE 95	STATE ROUTE 21	3/19/2021	11:00
210322068	INTERSTATE 95 NB		3/22/2021	16:45
210406067	INTERSTATE 95 NB		4/6/2021	16:35
210410067	INTERSTATE 95 NB		4/10/2021	20:00
210406065	INTERSTATE 95 NORTH		4/6/2021	15:55
210501070	INTERSTATE 95 NORTH		5/1/2021	14:20
210405072	INTERSTATE 95 SB 111		4/5/2021	19:30
210503073	JIMMY DELOACH		5/3/2021	15:30
210426067	JIMMY DELOACH PARKWAY	EXPANSION BLVD	4/26/2021	15:10
210429046	MARKET BLVD		4/29/2021	07:25
210506052	MORGAN DR		5/6/2021	12:30
210506090	MURPHYS		5/6/2021	23:00
210331056	NEWPORT BLVD	SR 30	3/31/2021	14:30
210421084	NOBLE JONES COURT		4/21/2021	16:50
210317067	NORTHBOUND SR-21	COLDBROOK STATION CIRCLE	3/17/2021	16:14
210406003	OLD MILL RD		4/5/2021	11:57
210406078	OLD RICHMOND RD	STATE ROUTE 21	4/6/2021	21:03
210507018	PILOT	OLEARY	5/7/2021	08:40
210420091	PILOT TRAVEL CENTER		4/20/2021	14:00
210502074	PILOT TRAVEL CENTER		5/2/2021	19:40
210325076	S.R. 17	HOULIHAN BRIDGE	3/25/2021	14:18
210415037	S.R. 21		4/15/2021	08:06
210415063	S.R. 21		4/15/2021	12:26
210330048	S.R. 21	I-95	3/30/2021	10:55
210402028	S.R. 21	I-95	4/2/2021	09:44

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

CRASH LOCATION REPORT

For Crashes occurring between 3/15/2021 and 5/13/2021

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Port Wentworth PD

ACCIDENT#	ROAD OF OCCURRENCE/LOCATION	AT INTERSECTION WITH	ACCIDENT DATE	TIME
210316047	S.R. 21	O'LEARY RD	3/16/2021	14:03
210331083	S.R. 21	S.R. 307	3/31/2021	21:00
210405064	S.R. 21 NB		4/5/2021	16:58
210405068	S.R. 21 NB	COLD BROOK STATION CIRCLE	4/5/2021	18:00
210512024	S.R. 21 SB		5/12/2021	07:42
210322066	S.R. 21 SB	SONNY DIXON INTERCHANGE	3/22/2021	16:38
210414089	S.R. 30		4/14/2021	15:11
210322064	SR 21		3/22/2021	16:10
210325080	SR 21		3/25/2021	15:44
210413010	SR 21		4/13/2021	07:57
210505035	SR 21		5/5/2021	09:29
210506039	SR 21		5/6/2021	08:10
210506076	SR 21		5/6/2021	16:28
210510081	SR 21		5/10/2021	15:48
210329082	SR 21		3/29/2021	17:00
210511061	SR 21	COLDBROOK STATION CICLE	5/11/2021	18:36
210505055	SR 21	COLDBROOK STATION CIR	5/5/2021	17:00
210325086	SR 21	COLDBROOK STATION CIRCLE	3/25/2021	18:10
210427059	SR 21	COLDBROOK STATION CIRCLE	4/27/2021	16:50
210325093	SR 21	I-95	3/25/2021	19:15
210408025	SR 21	INTERNATIONAL TRADE	4/8/2021	10:45
210320094	SR 21	INTERSTATE 95	3/20/2021	16:31
210321063	SR 21	INTERSTATE 95	3/21/2021	11:00
210422023	SR 21	SR 30	4/22/2021	08:05
210416040	SR 21	SR 307	4/16/2021	12:23
210408061	SR 21	TRAVELERS WAY	4/8/2021	17:20
210316036	SR 21 (AUGUSTA RD)	GA HIGHWAY 307	3/16/2021	11:40
210420101	SR 21 NB	COLDBROOK STATION CIR	4/20/2021	17:25
210428067	SR 21 SB		4/28/2021	16:00
210511022	SR 21/CROSSGATE LOGISTICS		5/11/2021	06:43
210511059	SR 30	BENTON BLVD	5/11/2021	17:45
210324024	SR- 21	I-95	3/24/2021	06:30
210324044	SR-21		3/24/2021	12:10
210403063	SR-21		4/3/2021	16:10
210408048	SR-21		4/8/2021	16:00
210411100	SR-21		4/11/2021	21:51
210413014	SR-21		4/13/2021	08:05
210416054	SR-21		4/16/2021	16:00
210418057	SR-21		4/18/2021	13:10
210420053	SR-21		4/20/2021	07:38
210423070	SR-21		4/23/2021	15:28
210426040	SR-21		4/26/2021	07:15
210501071	SR-21		5/1/2021	15:40

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

CRASH LOCATION REPORT

For Crashes occurring between 3/15/2021 and 5/13/2021

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Port Wentworth PD

ACCIDENT#	ROAD OF OCCURRENCE/LOCATION	AT INTERSECTION WITH	ACCIDENT DATE	TIME
210316037	SR-21		3/16/2021	12:05
210329063	SR-21		3/29/2021	14:30
210402057	SR-21		4/2/2021	16:05
210410069	SR-21		4/10/2021	20:28
210416061	SR-21		4/16/2021	17:10
210430046	SR-21		4/30/2021	07:45
210511062	SR-21		5/11/2021	19:04
210331021	SR-21	BOURNE AVE	3/31/2021	06:25
210412057	SR-21	BOURNE AVE	4/12/2021	13:35
210407093	SR-21	COLDBROOK STATION CIRCLE	4/7/2021	18:40
210427041	SR-21	COOK ST	4/27/2021	10:45
210417071	SR-21	INTERSTATE 95	4/18/2021	15:18
210502053	SR-21	MARKET BLVD	5/2/2021	13:25
210401096	SR-21 N		4/1/2021	17:15
210414062	SR-21 N		4/14/2021	11:45
210512073	SR-21 N	COLDBROOK STATION CIR	5/12/2021	18:42
210411097	SR-21 NB	SR-21 SB	4/11/2021	20:23
210505024	SR-21 S		5/5/2021	06:48
210411105	SR-21 SB		4/11/2021	21:36
210423100	SR-21 SB	I-95	4/23/2021	19:29
210426062	SR-21S	I-95S	4/26/2021	14:27
210430073	SR21	COLDBROOK STATION	4/30/2021	16:35
210421076	SR21 NORTH		4/21/2021	15:20
210316007	STATE ROUTE 21		3/16/2021	07:20
210317021	STATE ROUTE 21		3/17/2021	04:40
210323072	STATE ROUTE 21		3/23/2021	16:10
210326070	STATE ROUTE 21	CROSSGATE ROAD	3/26/2021	14:54
210322070	STATE ROUTE 21	SCOTT ST	3/22/2021	17:30
210317020	STATE ROUTE 21	STATE ROUTE 30	3/17/2021	04:20
210322067	STATE ROUTE 30		3/22/2021	16:55
210405065	STATE ROUTE 30	BENTON BLVD	4/5/2021	17:08
210425074	STATE ROUTE 30	HODGEVILLE ROAD	4/25/2021	13:10
DELETE12345	STATE ROUTE 30	HODGEVILLE ROAD	4/25/2021	13:10
210407088	STATE ROUTE 30	MAGELLAN BLVD	4/7/2021	18:07
210412081	STATE ROUTE 30	NEWPORT BLVD	4/12/2021	22:00
210412049	STEMSON WAY		4/12/2021	11:02
210407097	TRAVELER'S WAY		4/7/2021	19:56

TOTAL CRASHES ON REPORT 166

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

PORT WENTWORTH PD CRASH ANALYSIS REPORT 2021

Total Number of Crashes:	**166**
Accidents with Injuries:	**18**
Accidents with Fatalities:	**0**

FREQUENCY

Monday:	**32**
Tuesday:	**34**
Wednesday:	**27**
Thursday:	**21**
Friday:	**25**
Saturday:	**11**
Sunday:	**16**

00:01 - 08:00 Hours:	**27**
08:01 - 16:00 Hours:	**72**
16:01 - 24:00 Hours:	**67**

00:01 - 06:00 Hours:	**9**
06:01 - 12:00 Hours:	**47**
12:01 - 18:00 Hours:	**82**
18:01 - 24:00 Hours:	**28**

Top Contributing Factors (top 4 listed)

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

PORT WENTWORTH PD CRASH ANALYSIS REPORT	2021

Most Frequent Crash Locations and Quantity:

Traffic Conditions Complaint / Request Locations:

Speed Buggy Locations:

Traffic Citation Analysis Period: 3/15/2021 to 5/13/2021

Total Citations Issued: 3063

Top Citations Issued (top 4 listed)

40-6-181 - SPEEDING IN EXCESS OF MAXIMUM LIMITS (558)
40-2-8 - EXPIRED REGISTRATION (160)
40-6-20 - FAILURE TO OBEY TRAFFIC CONTROL DEVICE (135)
40-6-16(B) - APPROACHING AUTHORIZED EMERGENCY VEHICLE (121)

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

PORT WENTWORTH PD CRASH ANALYSIS REPORT	2021

Previous Month's Enforcement Activities:

Analysis Prepared By: LIBBY, MATTHEW on 5/14/2021

Disseminated To:

Comments:

Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
I-95 OFF RAMP	3/15/2021	210315070	2	0	0
S.R. 21	3/15/2021	210315070	2	0	0
	3/16/2021	210316007	2	0	0
STATE ROUTE 21	3/16/2021	210316007	2	0	0
GA HIGHWAY 307	3/16/2021	210316036	2	0	0
SR 21 (AUGUSTA RD)	3/16/2021	210316036	2	0	0
BOURNE AVENUE	3/16/2021	210316035	2	0	0
SR 21	3/16/2021	210316035	2	0	0
	3/16/2021	210316037	2	0	0
SR-21	3/16/2021	210316037	2	0	0
O'LEARY RD	3/16/2021	210316047	2	0	0
S.R. 21	3/16/2021	210316047	2	0	0
STATE ROUTE 21	3/17/2021	210317020	2	0	0
STATE ROUTE 30	3/17/2021	210317020	2	0	0
	3/17/2021	210317021	2	0	0
STATE ROUTE 21	3/17/2021	210317021	2	0	0
COLDBROOK STATION CIRCLE	3/17/2021	210317067	3	1	0
NORTHBOUND SR-21	3/17/2021	210317067	3	1	0
INTERSTATE 95	3/19/2021	210319065	2	0	0
STATE ROUTE 21	3/19/2021	210319065	2	0	0
INTERSTATE 95	3/20/2021	210320094	2	0	0
SR 21	3/20/2021	210320094	2	0	0
INTERSTATE 95	3/21/2021	210321063	1	0	0
SR 21	3/21/2021	210321063	1	0	0
HENDLEY RD	3/22/2021	210322033	2	0	0
SR-21 S	3/22/2021	210322033	2	0	0
	3/22/2021	210322064	4	0	0
SR 21	3/22/2021	210322064	4	0	0
S.R. 21 SB	3/22/2021	210322066	2	0	0
SONNY DIXON INTERCHANGE	3/22/2021	210322066	2	0	0
	3/22/2021	210322068	2	0	0
INTERSTATE 95 NB	3/22/2021	210322068	2	0	0
	3/22/2021	210322067	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
STATE ROUTE 30	3/22/2021	210322067	2	0	0
SCOTT ST	3/22/2021	210322070	2	0	0
STATE ROUTE 21	3/22/2021	210322070	2	0	0
	3/23/2021	210323072	2	0	0
STATE ROUTE 21	3/23/2021	210323072	2	0	0
	3/23/2021	210323092	2	1	0
INTERSTATE 95	3/23/2021	210323092	2	1	0
I-95	3/24/2021	210324024	2	0	0
SR- 21	3/24/2021	210324024	2	0	0
	3/24/2021	210324044	2	0	0
SR-21	3/24/2021	210324044	2	0	0
HOULIHAN BRIDGE	3/25/2021	210325076	1	0	0
S.R. 17	3/25/2021	210325076	1	0	0
	3/25/2021	210325080	2	0	0
SR 21	3/25/2021	210325080	2	0	0
COLDBROOK STATION CIRCLE	3/25/2021	210325086	2	3	0
SR 21	3/25/2021	210325086	2	3	0
I-95	3/25/2021	210325093	2	0	0
SR 21	3/25/2021	210325093	2	0	0
CROSSGATE ROAD	3/26/2021	210326070	2	0	0
STATE ROUTE 21	3/26/2021	210326070	2	0	0
	3/26/2021	210326079	2	0	0
7001 S.R. 21	3/26/2021	210326079	2	0	0
	3/26/2021	210326080	2	0	0
501 0LD RICHMOND RD APT 1102	3/26/2021	210326080	2	0	0
	3/27/2021	210327030	2	0	0
1332 MULBERRY BLVD	3/27/2021	210327030	2	0	0
	3/27/2021	210327047	2	0	0
INTERSTATE 95	3/27/2021	210327047	2	0	0
	3/28/2021	210328038	1	0	0
7201 SR-21 S	3/28/2021	210328038	1	0	0
	3/28/2021	210328055	2	0	0
100 MAGNOLIA BLVD	3/28/2021	210328055	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
	3/28/2021	210328077	2	0	0
COLD BROOK STATION CIR	3/28/2021	210328077	2	0	0
	3/29/2021	210329099	1	0	0
7001 HWY 21 PILOT TRAVEL CENTER	3/29/2021	210329099	1	0	0
	3/29/2021	210329063	2	0	0
SR-21	3/29/2021	210329063	2	0	0
	3/29/2021	210329082	2	0	0
SR 21	3/29/2021	210329082	2	0	0
HWY 30	3/29/2021	210329088	2	0	0
MAGELLAN BLVD	3/29/2021	210329088	2	0	0
	3/29/2021	210329100	2	0	0
7001 SR 21	3/29/2021	210329100	2	0	0
	3/30/2021	210330021	2	0	0
7001 GA-21	3/30/2021	210330021	2	0	0
I-95	3/30/2021	210330048	2	1	0
S.R. 21	3/30/2021	210330048	2	1	0
BOURNE AVE	3/31/2021	210331021	2	1	0
SR-21	3/31/2021	210331021	2	1	0
NEWPORT BLVD	3/31/2021	210331056	2	0	0
SR 30	3/31/2021	210331056	2	0	0
BENTON BLVD	3/31/2021	210331073	2	0	0
MIENHARD RD	3/31/2021	210331073	2	0	0
S.R. 21	3/31/2021	210331083	2	0	0
S.R. 307	3/31/2021	210331083	2	0	0
	4/1/2021	210401050	3	0	0
GA-21	4/1/2021	210401050	3	0	0
	4/1/2021	210401096	2	0	0
SR-21 N	4/1/2021	210401096	2	0	0
	4/2/2021	210402021	2	0	0
229 DOGWOOD CIR	4/2/2021	210402021	2	0	0
I-95	4/2/2021	210402028	2	0	0
S.R. 21	4/2/2021	210402028	2	0	0
	4/2/2021	210402056	2	0	0

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Attachment: Police Department Monthly Report April 2021 (2431 : Committee Reports)

ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
I-95	4/2/2021	210402056	2	0	0
	4/2/2021	210402057	2	0	0
SR-21	4/2/2021	210402057	2	0	0
BOURNE AVE	4/2/2021	210402059	2	0	0
SR-21	4/2/2021	210402059	2	0	0
I-95	4/2/2021	210403002	2	1	0
SR-21	4/2/2021	210403002	2	1	0
	4/3/2021	210403063	2	0	0
SR-21	4/3/2021	210403063	2	0	0
	4/5/2021	210405036	2	0	0
INTERSTATE 95	4/5/2021	210405036	2	0	0
	4/5/2021	210406003	2	0	0
OLD MILL RD	4/5/2021	210406003	2	0	0
	4/5/2021	210405041	1	0	0
14 STEMSON WAY	4/5/2021	210405041	1	0	0
	4/5/2021	210405063	2	0	0
1501 CROSSGATE RD	4/5/2021	210405063	2	0	0
	4/5/2021	210405064	2	0	0
S.R. 21 NB	4/5/2021	210405064	2	0	0
BENTON BLVD	4/5/2021	210405065	2	0	0
STATE ROUTE 30	4/5/2021	210405065	2	0	0
COLD BROOK STATION CIRCLE	4/5/2021	210405068	2	0	0
S.R. 21 NB	4/5/2021	210405068	2	0	0
	4/5/2021	210405072	1	0	0
INTERSTATE 95 SB 111	4/5/2021	210405072	1	0	0
	4/6/2021	210406065	1	0	0
INTERSTATE 95 NORTH	4/6/2021	210406065	1	0	0
BOURNE AVE	4/6/2021	210406066	2	0	0
SR-21 S	4/6/2021	210406066	2	0	0
	4/6/2021	210406067	2	0	0
INTERSTATE 95 NB	4/6/2021	210406067	2	0	0
OLD RICHMOND RD	4/6/2021	210406078	2	0	0
STATE ROUTE 21	4/6/2021	210406078	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
MAGELLAN BLVD	4/7/2021	210407088	2	0	0
STATE ROUTE 30	4/7/2021	210407088	2	0	0
COLDBROOK STATION CIRCLE	4/7/2021	210407093	2	0	0
SR-21	4/7/2021	210407093	2	0	0
	4/7/2021	210407097	2	0	0
TRAVELER'S WAY	4/7/2021	210407097	2	0	0
INTERNATIONAL TRADE PARKWAY	4/8/2021	210408025	1	0	0
SR 21	4/8/2021	210408025	1	0	0
	4/8/2021	210408029	1	0	0
GULFSTREAM RD.	4/8/2021	210408029	1	0	0
	4/8/2021	210408048	2	0	0
SR-21	4/8/2021	210408048	2	0	0
	4/8/2021	210408051	2	0	0
COMMONWEALTH AVE	4/8/2021	210408051	2	0	0
SR 21	4/8/2021	210408061	3	0	0
TRAVELERS WAY	4/8/2021	210408061	3	0	0
	4/10/2021	210410067	2	0	0
INTERSTATE 95 NB	4/10/2021	210410067	2	0	0
	4/10/2021	210410069	3	0	0
SR-21	4/10/2021	210410069	3	0	0
	4/10/2021	210410079	2	0	0
90 MAGNOLIA DR	4/10/2021	210410079	2	0	0
	4/11/2021	210411028	2	0	0
7001 HWY 21	4/11/2021	210411028	2	0	0
SR-21 NB	4/11/2021	210411097	2	0	0
SR-21 SB	4/11/2021	210411097	2	0	0
	4/11/2021	210411105	3	0	0
SR-21 SB	4/11/2021	210411105	3	0	0
	4/11/2021	210411100	2	0	0
SR-21	4/11/2021	210411100	2	0	0
	4/12/2021	210412036	2	0	0
I95	4/12/2021	210412036	2	0	0
	4/12/2021	210412049	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
STEMSON WAY	4/12/2021	210412049	2	0	0
BOURNE AVE	4/12/2021	210412057	2	0	0
SR-21	4/12/2021	210412057	2	0	0
	4/12/2021	210412072	2	1	0
INTERSTATE 95	4/12/2021	210412072	2	1	0
NEWPORT BLVD	4/12/2021	210412081	2	0	0
STATE ROUTE 30	4/12/2021	210412081	2	0	0
	4/13/2021	210413003	2	3	0
INTERSTATE 95	4/13/2021	210413003	2	3	0
	4/13/2021	210413010	2	0	0
SR 21	4/13/2021	210413010	2	0	0
	4/13/2021	210413014	2	0	0
SR-21	4/13/2021	210413014	2	0	0
	4/13/2021	210413019	2	0	0
I-95	4/13/2021	210413019	2	0	0
	4/13/2021	210413021	2	0	0
7001 SR 21	4/13/2021	210413021	2	0	0
	4/13/2021	210413024	2	0	0
BONNYBRIDGE RD	4/13/2021	210413024	2	0	0
I-95	4/13/2021	210413023	2	0	0
MM 109	4/13/2021	210413023	2	0	0
	4/14/2021	210414062	2	0	0
SR-21 N	4/14/2021	210414062	2	0	0
	4/14/2021	210414074	2	0	0
225 S. COASTAL HIGHWAY	4/14/2021	210414074	2	0	0
	4/14/2021	210414089	2	0	0
S.R. 30	4/14/2021	210414089	2	0	0
	4/15/2021	210415037	2	0	0
S.R. 21	4/15/2021	210415037	2	0	0
	4/15/2021	210415063	2	0	0
S.R. 21	4/15/2021	210415063	2	0	0
	4/16/2021	210416025	1	1	0
I95	4/16/2021	210416025	1	1	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
SR 21	4/16/2021	210416040	2	0	0
SR 307	4/16/2021	210416040	2	0	0
	4/16/2021	210416054	2	0	0
SR-21	4/16/2021	210416054	2	0	0
	4/16/2021	210416061	2	0	0
SR-21	4/16/2021	210416061	2	0	0
	4/16/2021	210417039	1	0	0
CORDAGE CIRCLE	4/16/2021	210417039	1	0	0
	4/18/2021	210418057	1	1	0
SR-21	4/18/2021	210418057	1	1	0
INTERSTATE 95	4/18/2021	210417071	2	2	0
SR-21	4/18/2021	210417071	2	2	0
	4/18/2021	210418069	2	1	0
I-95 S	4/18/2021	210418069	2	1	0
	4/20/2021	210420053	2	0	0
SR-21	4/20/2021	210420053	2	0	0
	4/20/2021	210420091	2	0	0
7001 GA-21 PORT WENTWORTH, GA 31407	4/20/2021	210420091	2	0	0
BOURNE AVE	4/20/2021	210420098	2	0	0
SR-21 SB	4/20/2021	210420098	2	0	0
COLDBROOK STATION CIR	4/20/2021	210420101	2	0	0
SR 21 NB	4/20/2021	210420101	2	0	0
CABOTT STREET	4/21/2021	210421030	2	0	0
STATE ROAD 21 SOUTHBOUND	4/21/2021	210421030	2	0	0
	4/21/2021	210421076	2	0	0
SR21 NORTH	4/21/2021	210421076	2	0	0
	4/21/2021	210421084	1	0	0
NOBLE JONES COURT	4/21/2021	210421084	1	0	0
SR 21	4/22/2021	210422023	2	0	0
SR 30	4/22/2021	210422023	2	0	0
	4/22/2021	210422038	2	0	0
INTERSTATE 95	4/22/2021	210422038	2	0	0
	4/23/2021	210423070	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
SR-21	4/23/2021	210423070	2	0	0
I-95	4/23/2021	210423100	2	0	0
SR-21 SB	4/23/2021	210423100	2	0	0
	4/25/2021	210425058	2	0	0
15 MIRIAM JORDAN	4/25/2021	210425058	2	0	0
HODGEVILLE ROAD	4/25/2021	210425074	2	1	0
STATE ROUTE 30	4/25/2021	210425074	2	1	0
HODGEVILLE ROAD	4/25/2021	DELETE12345	1	1	0
STATE ROUTE 30	4/25/2021	DELETE12345	1	1	0
HODGEVILLE	4/26/2021	210426039	2	0	0
HWY-30	4/26/2021	210426039	2	0	0
	4/26/2021	210426040	2	0	0
SR-21	4/26/2021	210426040	2	0	0
I-95S	4/26/2021	210426062	2	0	0
SR-21S	4/26/2021	210426062	2	0	0
EXPANSION BLVD	4/26/2021	210426067	2	0	0
JIMMY DELOACH PARKWAY	4/26/2021	210426067	2	0	0
	4/27/2021	210427034	2	0	0
602 EXPANSION BLVD	4/27/2021	210427034	2	0	0
HIGHWAY 30	4/27/2021	210427033	2	0	0
HODGEVILLE RD	4/27/2021	210427033	2	0	0
COOK ST	4/27/2021	210427041	2	0	0
SR-21	4/27/2021	210427041	2	0	0
	4/27/2021	210427058	2	0	0
7306 SR-21	4/27/2021	210427058	2	0	0
COLDBROOK STATION CIRCLE	4/27/2021	210427059	2	0	0
SR 21	4/27/2021	210427059	2	0	0
	4/28/2021	210428067	2	0	0
SR 21 SB	4/28/2021	210428067	2	0	0
	4/29/2021	210429046	2	0	0
MARKET BLVD	4/29/2021	210429046	2	0	0
	4/30/2021	210430046	2	0	0
SR-21	4/30/2021	210430046	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
	4/30/2021	210430069	4	3	0
INTERSTATE 95	4/30/2021	210430069	4	3	0
	4/30/2021	210430070	2	0	0
1332 MULBERRY BLVD	4/30/2021	210430070	2	0	0
	4/30/2021	210430074	2	0	0
INTERNATIONAL TRADE PKY	4/30/2021	210430074	2	0	0
COLDBROOK STATION	4/30/2021	210430073	3	0	0
SR21	4/30/2021	210430073	3	0	0
	4/30/2021	210430075	2	0	0
7001 GA-21	4/30/2021	210430075	2	0	0
	4/30/2021	210430105	2	0	0
1332 MULBERRY AVENUE	4/30/2021	210430105	2	0	0
COOK ST	5/1/2021	210501050	2	0	0
SR-21	5/1/2021	210501050	2	0	0
	5/1/2021	210501068	5	2	0
INTERSTATE 95	5/1/2021	210501068	5	2	0
	5/1/2021	210501070	1	0	0
INTERSTATE 95 NORTH	5/1/2021	210501070	1	0	0
	5/1/2021	210501071	2	0	0
SR-21	5/1/2021	210501071	2	0	0
MARKET BLVD	5/2/2021	210502053	3	0	0
SR-21	5/2/2021	210502053	3	0	0
	5/2/2021	210502074	1	1	0
7001 HIGHWAY 21	5/2/2021	210502074	1	1	0
	5/3/2021	210503073	2	0	0
JIMMY DELOACH	5/3/2021	210503073	2	0	0
	5/4/2021	210504038	1	0	0
CANTYRE ST	5/4/2021	210504038	1	0	0
	5/5/2021	210505011	2	0	0
7002 SR 21	5/5/2021	210505011	2	0	0
	5/5/2021	210505027	2	0	0
I-95 MM110 GEORGIA WELCOME CENTER	5/5/2021	210505027	2	0	0
	5/5/2021	210505024	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
SR-21 S	5/5/2021	210505024	2	0	0
	5/5/2021	210505035	2	0	0
SR 21	5/5/2021	210505035	2	0	0
COLDBROOK STATION CIR	5/5/2021	210505055	2	0	0
SR 21	5/5/2021	210505055	2	0	0
	5/6/2021	210506039	2	0	0
SR 21	5/6/2021	210506039	2	0	0
	5/6/2021	210506052	2	0	0
MORGAN DR	5/6/2021	210506052	2	0	0
	5/6/2021	210506057	2	0	0
I-95	5/6/2021	210506057	2	0	0
	5/6/2021	210506076	2	0	0
SR 21	5/6/2021	210506076	2	0	0
	5/6/2021	210506090	2	0	0
100 MAGELLAN BLVD	5/6/2021	210506090	2	0	0
7001 HWY 21N	5/7/2021	210507018	2	0	0
OLEARY	5/7/2021	210507018	2	0	0
	5/10/2021	210510073	2	0	0
7306 HIGHWAY 21	5/10/2021	210510073	2	0	0
	5/10/2021	210510081	2	0	0
SR 21	5/10/2021	210510081	2	0	0
	5/11/2021	210511022	1	0	0
SR 21	5/11/2021	210511022	1	0	0
BENTON BLVD	5/11/2021	210511059	2	0	0
SR 30	5/11/2021	210511059	2	0	0
COLDBROOK STATION CICLE	5/11/2021	210511061	2	2	0
SR 21	5/11/2021	210511061	2	2	0
	5/11/2021	210511062	2	0	0
SR-21	5/11/2021	210511062	2	0	0
	5/12/2021	210512003	1	0	0
HWY 30	5/12/2021	210512003	1	0	0
	5/12/2021	210512024	2	0	0
S.R. 21 SB	5/12/2021	210512024	2	0	0

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ACCIDENT REPORTS BETWEEN 3/15/2021 AND 5/13/2021

Location:	Date \ Time Received:	Case Number	Vehicles	Injuries	Fatalaties
COLDBROOK STATION CIR	5/12/2021	210512073	2	0	0
SR-21 N	5/12/2021	210512073	2	0	0

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Port Wentworth, Ga
Monthly Operating Report
April 2021



Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

Water Distribution:

Hydrant Flushing program:

- Established a flushing program to obtain a safe and stable water supply.
- Volume of flushing since the beginning has been stabilized due to an established and consistent flushing program.
- Auto flusher at Marsh Salt Lane flushed for 30 mins per day
- Auto flusher at Armadale Road flushed for 30 mins per day

Ground Water Withdrawal:	972,200 Gallons
Purchase Water from Savannah I&D:	29,973,269 Gallons

Compliance:

- Took monthly Micro-Biological samples and sent to lab. **(Results: Passed)**
- All monthly reports turned into EPD.

Maintenance:

- Repaired water leak at 214 Aberfeldy St.
- Repaired water leak at 102 Appleby Rd.
- Repaired water leak at 7 Appleby Rd.
- Repaired water leak at 209 Appleby Rd.
- Repaired water leak at 6781 Highway 21.
- Repaired water leak at Warren Park.
- Repaired water leak at 16 Raintree Way.
- Repaired water leak at 203 Magnolia Blvd.
- Repaired water leak at 309 Phillips Ave.
- Repaired water leak at 21 Treadway St.

Wastewater Collection:

- Checked all lift stations (17) at least twice a week and performed routine maintenance.
- Cleaned probes, transducers, and floats as needed.
- Removed clog from #1 pump at Horne Place lift station.



Port Wentworth, Ga
Monthly Operating Report
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Cold Stream Lift Station					Horne Place Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1	1992.2	2.8	12909	3	1				
2					2				
3					3				
4					4				
5	1992.2	0	12925	16	5	1360.6	5.6	719.3	0.0
6					6				
7	1996.8	4.6	12930	5	7	1362.2	1.6	719.5	0.2
8					8				
9	2000.6	3.8	12933	3	9	1362.6	0.4	719.9	0.4
10					10				
11					11				
12	2006.9	6.3	12939	6	12	1381.1	18.5	721.7	1.8
13					13				
14	2010.9	4.0	12943	4	14	1423.4	42.3	757.4	35.7
15					15				
16	2014.5*	3.6	12946*	3	16	1429.6*	6.2	763.3*	5.9
17					17				
18					18				
19	2019.9	5.4	12952	6	19	1430.7	1.1	763.3	0
20					20				
21	2024.0	4.1	12955	3	21	1482.7	52.0	763.3	0
22					22				
23	2026.8	2.8	12958	3	23	1498.8	16.1	763.3	0
24					24				
25	*		*		25	*		*	
26	2045.5	18.7	12959	1	26	1502.3	3.5	763.3	0
27					27				
28	2049.5	4.0	12959	0	28	1503.3	1.0	763.3	0
29					29				
30	2053.6	4.1	12959	0	30	1505.8	2.5	763.3	0
31					31				

* Or * = Rain Day

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

Port Wentworth, Ga
Monthly Operating Report
April 2021

Armadale Lift Station					Rideshare Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1	815.3	4.5	21090.4	3.7	1	2334.6	2.5	8837.6	2.5
2					2				
3					3				
4					4				
5	829.1	13.8	21101.7	11.3	5	2344.7	10.1	8844.8	7.2
6					6				
7	836.7	7.6	21107.9	6.2	7	2349.2	4.5	8848.2	3.4
8					8				
9	843.1	6.4	21113.0	5.1	9	2353.8	4.6	8851.9	3.7
10					10				
11					11				
12	853.1	10	21121.1	8.1	12	2360.8	7.0	8857.3	5.4
13					13				
14	859.7	6.6	21126.6	5.5	14	2365.3	4.5	8860.6	3.3
15					15				
16	866.4*	6.7	21132.0*	5.4	16	2369.8*	4.5	8864.0*	3.4
17					17				
18					18				
19	876.7	10.3	21140.6	8.6	19	2376.4	6.6	8869.2	5.2
20					20				
21	885.1	8.4	21147.6	7.0	21	2380.3	3.9	8872.3	3.1
22					22				
23	891.2	6.1	21152.7	5.1	23	2384.2	3.9	8875.4	3.1
24					24				
25	*		*		25	*		*	
26	907.7	16.5	21167.8	15.1	26	2391.2	7.0	8881.2	5.8
27					27				
28	914.7	7.0	21174.8	7.0	28	2394.2	3.0	8884.2	3.0
29					29				
30	921.7	7.0	21179.1	4.3	30	2399.0	4.8	8887.3	3.1
31					31				

* or * = Rain Day

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Waffle House Lift Station					Pine Forest Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1					1	11461.1	2.2	12905.8	1.7
2					2				
3					3				
4					4				
5					5	11468.4	7.3	12911.6	5.8
6					6				
7					7	11471.9	3.5	12914.4	2.8
8					8				
9					9	11475.5	3.6	12917.3	2.9
10					10				
11					11				
12					12	11480.9	5.4	12921.4	4.1
13					13				
14					14	11484.3	3.4	12924.2	2.8
15					15				
16	*		*		16	11487.6*	3.3	12926.8*	2.6
17					17				
18					18				
19					19	11492.6	5.0	12930.7	3.9
20					20				
21					21	11495.7	3.1	12933.0	2.3
22					22				
23					23	11499.3	3.6	12935.5	2.5
24					24				
25	*		*		25	*		*	
26					26	11506.7	7.4	12941.0	5.5
27					27				
28					28	11510.0	3.3	12944.0	3.0
29					29				
30					30	11514.4	4.4	12947.0	3.0
31					31				

* Or * = Rain Day

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

Port Wentworth, Ga
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Lakeside Lift Station					Cherry St. Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1	10375.1	4.1	11502.9	4.1	1	2397.8	1.7	4370.8	1.9
2					2				
3					3				
4					4				
5	10389.1	14.0	11518.0	15.1	5	2404.2	6.4	4378.0	7.2
6					6				
7	10395.8	6.7	11525.5	7.5	7	2407.3	3.1	4381.5	3.5
8					8				
9	10402.6	6.8	11533.2	7.7	9	2410.5	3.2	4384.9	3.4
10					10				
11					11				
12	10412.6	10.0	11544.8	11.6	12	2415.2	4.7	4390.3	5.4
13					13				
14	10418.6	6.0	11552.4	7.6	14	2418.2	3.0	4393.7	3.4
15					15				
16	10425.5*	6.9	11560.9*	8.5	16	2421.4*	3.2	4397.5*	3.8
17					17				
18					18				
19	10434.8	9.3	11571.8	10.9	19	2426.6	5.2	4403.1	5.6
20					20				
21	10440.5	5.7	11578.5	6.7	21	2429.3	2.7	4406.2	3.1
22					22				
23	10446.8	6.3	11585.5	7.0	23	2432.5	3.2	4409.7	3.5
24					24				
25	*		*		25	*		*	
26	10457.7	10.9	11598.9	13.4	26	2438.6	6.1	4417.0	7.3
27					27				
28	10464.0	6.3	11605.9	7.0	28	2442.5	3.9	4421.4	4.4
29					29				
30	10469.7	5.7	11613.1	7.2	30	2446.4	3.9	4425.8	4.4
31					31				

* Or * = Rain Day

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

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Cold Creek Pass Lift Station					Goose Neck Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1	7712.9	2.7	7133.9	2.7	1	5149.6	2.3	4791.5	2.1
2					2				
3					3				
4					4				
5	7724.3	11.4	7143.7	9.8	5	5157.6	8.0	4797.7	6.2
6					6				
7	7729.0	4.7	7148.1	4.4	7	5161.2	3.6	4800.7	3.0
8					8				
9	7733.8	4.8	7152.4	4.3	9	5165.3	4.1	4803.6	2.9
10					10				
11					11				
12	7742.1	8.3	7160.3	7.9	12	5171.4	6.1	4807.8	4.2
13					13				
14	7746.6	4.5	7164.6	4.3	14	5175.3	3.9	4810.6	2.8
15					15				
16	7751.7*	5.1	7169.1*	4.5	16	5179.6*	4.3	4813.9*	3.3
17					17				
18					18				
19	7759.6	7.9	7176.2	7.1	19	5185.5	5.9	4818.2	4.3
20					20				
21	7764.4	4.8	7180.2	4.0	21	5189.2	3.7	4820.8	2.6
22					22				
23	7769.7	5.3	7185.1	4.9	23	5193.0	3.8	4823.4	2.6
24					24				
25	*		*		25	*		*	
26	7779.2	9.5	7194.3	9.2	26	5199.5	6.5	4828.6	5.2
27					27				
28	7784.5	5.3	7198.5	4.2	28				
29					29				
30	7789.9	5.4	7204.2	5.7	30	5205.8	6.3	4834.4	5.8
31					31				

* Or * = Rain Day

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

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Amberly Lift Station					Lake Shore Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1	3525.4	0.8	3542.2	0.9	1	1936.5	1.0	95.5	1.0
2					2				
3					3				
4					4				
5	3527.2	1.8	3546.0	3.8	5	1940.6	4.1	100.2	4.7
6					6				
7	3529.3	2.1	3548.1	2.1	7	1942.8	2.2	102.6	2.4
8					8				
9	3531.0	1.7	3549.7	1.6	9	1944.9	2.1	105.0	2.4
10					10				
11					11				
12	3533.8	2.8	3552.5	2.8	12	1948.1	3.2	108.5	3.5
13					13				
14	3535.7	1.9	3554.4	1.9	14	1850.2	2.1	110.9	2.4
15					15				
16	3537.5*	1.8	3556.3*	1.9	16	1952.4*	2.2	113.3*	2.4
17					17				
18					18				
19	3540.3	2.8	3559.1	2.8	19	1955.4	3.0	116.7	3.4
20					20				
21	3541.9	1.6	3560.8	1.7	21	1957.2	1.8	118.7	2.0
22					22				
23	3543.7	1.8	3562.6	1.8	23	1959.2	2.0	120.9	2.2
24					24				
25	*		*		25	*		*	
26	3547.1	3.4	3566.0	3.4	26	1962.9	3.7	125.1	4.2
27					27				
28	3549.9	2.8	3568.3	2.3	28	1965.4	2.5	127.9	2.8
29					29				
30	3551.4	1.8	3570.6	2.3	30	1967.9	2.5	130.8	2.9
31					31				

* Or * = Rain Day

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Newport Lift Station					Saussy Rd. Lift Station				
Date	Pump #1	Usage	Pump #2	Usage	Date	Pump #1	Usage	Pump #2	Usage
1	2971.9	1.5	2882.5	1.5	1	1672.3	0.1	2431.1	0.2
2					2				
3					3				
4					4				
5	2977.6	5.7	2888.3	5.8	5	1673.0	0.7	2431.9	0.8
6					6				
7	2980.7	3.1	2891.4	3.1	7	1673.4	0.4	2432.3	0.4
8					8				
9	2983.5	2.8	2894.3	2.9	9	1673.7	0.3	2432.6	0.3
10					10				
11					11				
12	26987.8	4.3	2898.6	4.3	12	1674.2	0.5	2433.2	0.6
13					13				
14	2990.8	3.0	2901.6	3.0	14	1674.6	0.4	2433.5	0.3
15					15				
16	2993.9*	3.1	2904.7*	3.1	16	1674.9*	0.3	2433.9*	0.4
17					17				
18					18				
19	2998.1	4.2	2909.0	4.3	19	1675.4	0.5	2434.5	0.6
20					20				
21	3000.8	2.7	2911.7	2.7	21	1675.7	0.3	2434.8	0.3
22					22				
23	3003.4	2.6	2914.4	2.7	23	1676.0	0.3	2435.2	0.4
24					24				
25	*		*		25	*		*	
26	3008.1	4.7	2919.1	4.7	26	1676.8	0.8	2436.0	0.8
27					27				
28	3010.0	1.9	2921.1	2.0	28	1677.1	0.3	2436.4	0.4
29					29				
30	3013.5	3.5	2924.5	3.4	30	1677.4	0.3	2436.8	0.4
31					31				

* Or * = Rain Day

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

Recommendations for Wastewater Collection System:

- Upgrade Coldstream Lift Station Force Main to 12”
- Upgrade lift station pumps in Rice Hope Subdivision.
- Complete rehabilitation of Coldstream Lift Station wet well and effluent pipes.
- Inflow/Infiltration on the Downtown Area Sewer System needs to be investigated, found, and repaired.

Streets & Drainage:

Ditch Mowing	5800 Ft
Ditches Dug	0 Ft
Ditch Debris Removal	0 Tons
Culverts Cleaned Out	0
Shoulder Mowing	233,355 Ft
Shoulder Litter Picked Up by Hand	0 Bags
Debris Pick Up Tonnage Landfill	0 Tons
Shop Dumpster Tonnage for Shoulder Litter	2.12 Tons
Potholes Fixed	3
Street Signs Replaced	3 + 9 New signs installed
Sign Pole Replaced	0
Catch Basin Repair	0
Street Sweeping Curbs	0 Ft
Street Sweeping Tonnage	0 Tons

Maintenance:

- Mow easement/field between Turnberry & Crossgate.
- Mow easement between Osteen & Phillips.
- Mow easement at 405 Phillips Ave.
- Grounds maintenance at lift stations.
- Grounds maintenance at 7224 Highway 21.
- Grounds maintenance at 305 South Coastal Hwy.
- Grounds maintenance at well #1, well #2, well #3, Appleby water tower.

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

Solid Waste:

Damaged Trash Cans	0
Trash Cans Picked Up	0

Wastewater Treatment Plant:

Maintenance:

- Grounds maintenance (grass, ditches, brush, weeding, herbicide, etc.).
- Replaced hour meter for plant lift station pump.
- Washed out UV trough.
- Cleaned turbidity meter (Weekly).
- Greased bar rack, effluent pumps, reuse pumps, sidestream pumps (Weekly).
- Ran belt press (Weekly).
- Sprayed down belt press and area (Weekly).
- Changed oil in digester and #1 basin blowers.
- Changed oil in #2 and #3 basin blowers.
- Cleaned and mopped admin weekly.

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

Port Wentworth, Ga
Monthly Operating Report
April 2021

Compliance:

Raw Wastewater Treated monthly avg. **1.102** MGD, Total raw waste **34.153** MG

Parameter	Monthly Performance Indicator Discharged from plant	Target or Limit
BOD % Removal	99%	**≥85%**
Suspended Solids % Removal	99%	**≥85%**
Effluent: Total Phosphorous Monthly Avg.	0.59 mg/L	**≤1.0mg/L**
Total Ammonia (as N) Monthly Avg.	0.05 mg/L	**≤1.0mg/L**
Ultimate Oxygen Demand Monthly Avg.	0.0 lbs./day	**0.0 lbs./day**
Injected Dissolved Oxygen Monthly Avg.	111.3 lbs./day	**≥36 lbs./day/ Million Gallon**
Solids Disposal: Sludge, total dry weight in lbs.	27,251 lbs.	**Report**

Rainfall Monthly Total: **2.64”**

Attachment: ClearWater Solutions, LLC Monthly Report April 2021 (2431 : Committee Reports)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Fire Department
Category: Amendment
Prepared By: Lance Moore
Department Head: Lance Moore

AGENDA ITEM (ID # 2446)

DOC ID: 2446

Amendment of the City of Port Wentworth Fire Protection Fee Ordinance

Issue/Item: We suggest a twenty percent increase to the fire fee imposed on commercial and industrial entities within the Fire District.

Background: We have not had an increase since 2012.

Facts and Findings: As the City grows, so must the Fire Department. We need to fund additional fire stations, firefighters and additional equipment.

Funding: N/A

Recommendation: Approval

ATTACHMENTS:

- Sec. 8-19. Fire protection fees (DOCX)

Sec. 8-19. - Fire protection fees.

There shall be collected annually form each commercial and industrial structure within the City of Port Wentworth Fire Protection district the following fees. These fees will be invoiced in July of each year and due by September 30 of each year. Failure to pay the fire prevention and protection utility fee by September 30 of the year will result in a twenty (20) percent late penalty. The minimum fee charged for commercial and industrial structures within the city limits shall be one hundred dollars ($100.00) and the minimum fee charged for outside the city limits but in the fire district shall be two hundred and fifty dollars ($250.00). Any commercial and industrial structure within the City of Port Wentworth Fire Protection district over one million (1,000,000) square feet shall be charged a maximum of forty-five thousand dollars ($45,000.00).

Fire District—In or Out of City Limits	Price per Square Foot
Inside City Limits	$0.02059
Outside City Limits	$0.03153

(Ord. No. 95-06, 5-25-95; Ord. No. 95-09-A, 7-27-95; Ord. No. 04-01, 1-22-04; Ord. No. 12-15, 6-21-12; Ord. No. 12-22, 7-26-12)

Attachment: Sec. 8-19. Fire protection fees (2446 : Amendment of the City of Port Wentworth Fire Protection Fee Ordinance)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Police Department
Category: Agreement
Prepared By: Matt Libby
Department Head: Matt Libby

AGENDA ITEM (ID # 2439)

DOC ID: 2439

Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit

Issue/Item: Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit.

Background: The Memorandum of Understanding with Savannah-Chatham Narcotics Unit needs to be updated.

Facts and Findings: The City of Port Wentworth has had a Memorandum of Understanding with Chatham County and the Savannah-Chatham County Narcotics Unit since the unit's inception in 1994. We need to update this document due to reflect the current City and County leaders. The last updated MOU was signed April 13, 2021.

This is a standard agreement like several others we have had with Chatham County.

Alternatives: N/A

Funding: N/A

Recommendation: To approve this agreement.

ATTACHMENTS:

- MOU (PDF)

COUNTY-CITY AGREEMENT FOR DRUG ENFORCEMENT ACTIVITIES

THIS AGREEMENT, made and entered into this _____ day of _____ 2021, by and between the CHAIRMAN AND BOARD OF COMMISSIONERS OF CHATHAM COUNTY, a political subdivision of the State of Georgia, hereinafter referred to as "County" and the MAYOR AND COUNCIL OF THE CITY PORT WENTWORTH, a municipal corporation chartered under the laws of the State of Georgia, hereinafter referred to as "City."

: W I T N E S S E T H :

WHEREAS, the Constitution of the State of Georgia of 1983 in Article 9, Section 3, paragraph 1, provides that municipalities and counties of the State of Georgia may contract with one another for the provision of services for any period not exceeding fifty (50) years: and

WHEREAS, the County and the City are mutually concerned about illegal drug sales, trafficking, possession, distribution, and abuse, as well as related violent crime connected with illegal drug activity; and

WHEREAS, the County and the City are mutually interested in a cooperative effort to enforce the law regarding drug activity and related crime; and

WHEREAS, the Board of Commissioners of Chatham County reviewed this agreement and authorized the Chairman to sign this document at the _____ meeting of the Board of Commissioners; and

WHEREAS, the Mayor and Council of the City of Port Wentworth reviewed this agreement and authorized the Mayor to sign this document at the _____ meeting of the Mayor and Council.

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements herein made, the County and the City do hereby mutually agree as follows:

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

1. Organizational Structure for Drug Enforcement - The County is responsible for organizing and managing a drug enforcement unit dedicated solely to the enforcement of laws regarding mid to upper level drug sales, trafficking, distribution, possession and abuse, plus activities related to the prevention of drug-related violent crime. The staffing of law enforcement officers and agents to the Drug Unit are on a loaned, cost-reimbursement basis by local, state or federal law enforcement agencies as specified in separate agreements with each participating governmental agency. The assignment of officers from participating governments to the Drug Unit is known as a "Tour of Duty." The conditions of this organizational arrangement are the subject of this Agreement and are described in the following sections. The Drug Unit will not be a separate legal entity, but will be an instrument of the Chatham County, Georgia government.

2. Participating Governments - Only governmental units with written agreements consistent with this Agreement will be considered "participating governments." The term "participating government" shall include the County.

3. Name of Drug Enforcement Unit - Within this agreement, the organizational structure for drug enforcement described in this Agreement will be known as the "Drug Unit." The operational name of the Drug Unit will be the Chatham-Savannah Counter Narcotics Team ("CNT").

4. Goal and Mission - The goal of the Drug Unit is to create a community free of illegal drug abuse, possession, importation, distribution and sales. The Drug Unit's mission is to reduce both the supply and demand for illegal drugs.

5. Director - This position will be hired by and will report to the County Manager. The Director of the Drug Unit will be under the direct supervision and control of the County Manager.

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

6. Number of Civilian Personnel - The number of non-sworn civilian employees will be ten (10); consisting of two (2) assistant district attorneys, four (4) administrative personnel, one (1) paralegal, one (1) property & evidence custodian, one (1) computer network technician, and one (1) permanent, part-time analyst.

7. Number of Sworn Officers - Annually, the Drug Enforcement Advisory Board and the Director will assess the staffing needs and make recommendations to the Board of Commissioners. Currently, the minimum number of sworn law enforcement personnel will be forty-five (45), which includes the Drug Unit Director.

8. Personnel Assignments - All sworn law enforcement personnel will be provided by a "Tour of Duty" program in which all participating government agencies assign officers to the Unit for a 36 month period. At the conclusion of each tour of duty each officer will be evaluated and may be assigned for an additional 24 month period. Following the five year tour of duty, any further retention will be determined by joint agreement of the Chief of the parent agency and the Director. At the conclusion of each tour of duty, the officer may be subject to a polygraph test with approval of the parent agency and the Director.

The City shall provide a minimum of one (1) sworn police officer. Qualifications for assignment to a tour of duty include: two (2) years of professional law enforcement experience; an exemplary record of law enforcement service devoid of serious, sustained allegations of departmental infractions of regulations, standard operating procedures, and policies, an extensive training record at a regional, state or federal law enforcement academy in obtaining and executing search warrants, conducting drug raids, making street drug cases, conducting reverse sting operations, using surveillance technology equipment, and

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

developing and using informants and information networks; and a willingness to undergo random urinalysis and polygraph testing.

Any participating agencies joining in this multi-jurisdictional agreement hereby agree to relinquish all command and directive authority over their respective assigned personnel and confer exclusive directive supervision and authority to the direction of the Director. **Both County and participating government agree that any sworn law enforcement personnel assigned to the Unit shall be considered a borrowed servant under Georgia law.**

9. Worker's Compensation Claims and Benefits - Any employee assigned to the Drug Unit from any agency shall be required to be covered under the employing agency's worker's compensation program, even though the employee works under the supervision and direction of the Director. Any injury, disability, or death, incurred by any employee while assigned to the Drug Unit shall be deemed to have arisen out of and to have been sustained in the course of such employment. If any employee, or anyone on his/her behalf, files a claim for worker's compensation benefits against any participating government, other than the participating government assigning him/her, for any injury claimed to have been sustained while working with the Drug Unit, the participating government that assigned the employee shall indemnify, defend, and hold harmless all the other parties to this agreement with respect to such claim at no cost to such other parties.

10. Minority Participation - The Drug Unit minority goal objective is to have at least fifty percent (50%) of the sworn personnel assigned to the Drug Unit be minority. All participating agencies agree to assign sworn officers whose demographics reflect the composition of the community's population.

11. Cost Reimbursement - Personnel assigned to the Drug Unit will remain employees of the parent agency, be paid by their agency payroll, and receive continuous agency benefits. The County will reimburse the agencies for

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

expenses including salaries, overtime pay, social security, per capita medical insurance coverage, per capita life insurance coverage, per capita disability insurance coverage, pension contributions, and per capita estimates for workers compensation. These amounts will be itemized by the agency in a bi-weekly request for payment. Payments for salary and benefit reimbursements will be made bi-weekly from the County to the agency.

12. Primary Drug Enforcement - The Drug Unit shall be the primary drug enforcement agency for Chatham County and all municipalities contained therein.

13. Planning and Analysis - The Drug Unit will operate a cooperative ongoing planning process that establishes a goal statement, objectives, strategies, and priorities for drug enforcement activities. The planning process will be a continuous activity that allows operations to respond to changing conditions. An analytical component that includes a computerized database of identified drug locations and suspects will ensure that planning and decision-making are based on adequate information about drug trafficking suspects and locations.

14. Geographic Coverage Assurances - The County will ensure that program planning and the implementation of operations are geographically dispersed or concentrated in a manner which aims to be consistent with the measured geographical distribution of illegal drug activity. The Director will keep the Drug Enforcement Advisory Board and the County Manager appropriately informed as to any shifts in concentrations of manpower or any change in geographical areas of attention.

15. Community Participation - The County must include, as part of the planning process, a mechanism for citizen participation in program planning. This mechanism must include a drug telephone "hot line" for soliciting information on drug activity, regular neighborhood meetings in areas identified as "hot spots" or other neighborhoods whose residents express concerns about illegal drug activity,

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

and an effort to maintain informal communication between officers and citizens consistent with the philosophy of community-oriented policing.

16. Evaluation and Performance Measures - The evaluation of program effectiveness will be based on outcome measures that gauge the extent that progress toward the goal is being achieved, namely reducing the amount of illegal drug importation, possession, manufacturing, distribution, sales, or other trafficking. This may include a reduction in the number of concentrated locations of observable drug activity.

17. Reporting Requirements - The Director shall, through the County Manager, report as required to the Chatham County Board of Commissioners on the progress of the Drug Unit. The Director shall forward a copy of this report to the City Manager, the Mayor and Council Members of the City of Port Wentworth and voting members of the Drug Enforcement Advisory Board. The progress report shall include a critical evaluation of the effectiveness of the Drug Unit in achieving outcome-based performance measures.

18. Advisory Board - Policy advice will be given to the Drug Unit at a quarterly meeting of a Drug Enforcement Advisory Board. The Drug Enforcement Advisory Board shall not be a legal entity and shall have no authority concerning administrative or personnel decisions. The Drug Enforcement Advisory Board recognizes that the County Manager shall have direct authority over and responsibility for the Director of the Drug Unit.

The following positions will be voting members of the Advisory Board: the Chatham County Police Department Chief of Police, the Sheriff of Chatham County, the Savannah Police Department Chief of Police, the District Attorney of the Eastern Judicial Circuit of Georgia, two (2) Command Staff officers from the Savannah Police Department, one (1) Command Staff officer from the Chatham County Police Department, and one (1) Command Staff officer from the Chatham

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

County Sheriff's Department. *Note: Command Staff denotes the rank of Major or above for the purposes of this MOU.*

The following positions will be voting members only if their agency has personnel assigned to the Drug Unit and will otherwise be non-voting members: Chief of Police for Bloomingdale, Chief of Police for Garden City, Chief of Police for Pooler, Chief of Police for Port Wentworth, Chief of Police for Savannah-Chatham County Board of Education, Chief of Police for Thunderbolt, Chief of Police for Tybee Island, and the Sheriff of Bryan County.

In the event a voting member cannot attend a Drug Enforcement Advisory Board Meeting, a designee from the member's agency may attend the meeting and act on behalf of the member, provided said designee is listed as an agency representative on Appendix I (see attached).

The following positions will be non-voting members: Special Agent in Charge of the Savannah Office of the U. S. Drug Enforcement Administration, Senior Resident Special Agent of the Savannah Office of the Federal Bureau of Investigation, Resident Agent in Charge of the Savannah Office of the Bureau of Alcohol, Tobacco, and Firearms, Resident Agent in Charge of the Savannah Office of Immigration and Customs Enforcement, and the Special Agent in Charge of the Savannah Office of the Georgia Bureau of Investigation.

The Chatham County Police Department Chief of Police shall act as the Chairman of the Drug Enforcement Advisory Board. The Drug Enforcement Advisory Board "voting members" shall elect, annually, a Vice-Chairman for the purpose of presiding over the quarterly meetings in the absence of the Chairman. In the event there is an Interim Chief of Police from the CCPD, then the Vice-Chairman will preside over the quarterly meetings until a new Chief of Police is selected.

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

19. Job Security - The Director may not terminate the employment of any individual on a tour of duty on the Drug Unit. Each officer assigned to a Tour of Duty maintains the rights of employment and possibility of termination consistent with the personnel rules and regulations of the participating government employing the officer. Only the participating government has the authority to change an officer's employment status, rank, or pay.

20. Replacement of Officers - All personnel serving on a tour of duty serve at the pleasure of the Director. The Director may end any Tour of Duty at any time in his sole discretion. The Director may request that any individual be replaced for any reason. Any such request to replace must be granted by the participating agency and a replacement made within thirty (30) days. The participating agency reserves the right to remove any officer from the Drug Unit for reassignment, promotion, or other reasons.

21. Replacement of Vacant Positions - Upon the event of a vacant position in the Drug Unit due to resignation, retirement, reassignment or promotion to another position, or any other reason, the participating agency will ensure that the position will be filled within thirty (30) days of the date of vacancy. Temporary position vacancies created by loss of personnel from the participating agencies may be filled by any of the participating agencies or a contract employee upon an agreement with the affected Chief of Police and the Director and with approval of the County Manager. When a participating agency provides the temporary replacement it shall receive reimbursement for the position as it would for any other position within the Drug Unit.

22. Chain of Command - A chain of command must be established by the Director that is clear and unambiguous. The chain of command may result in the establishment of smaller work units, such as an intelligence unit, major case unit,

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

buy/bust unit, immediate reaction unit, investigative support unit, or other such organization as the Director deems appropriate.

23. Standard Operating Procedures - The Director shall establish written standard operating procedures that are in compliance with Georgia State Law Enforcement Certification standards.

24. Powers of Drug Unit Officers - To ensure that each sworn officer assigned to the Drug Unit will be given the authority to enforce local and State laws without restriction, so as to quash any jurisdictional question or attacks which may hereafter arise, the City and the County, and all other participating governmental agencies, hereby agree to confer jurisdictional authority upon all Drug Unit officers to jointly enforce their respective local ordinances. Additionally, the Sheriffs of Chatham and Bryan Counties may, by the terms of this agreement, confer deputy sheriff appointments upon the sworn members of the Drug Unit, if necessary.

25. Physical Plant and Equipment - The County shall be responsible for providing office space, vehicles, gasoline, radio equipment, surveillance equipment, and all other equipment necessary for drug law enforcement. The County will be responsible for the on-going procurement of needed equipment and supplies.

26. Title to All Property and Equipment - Chatham County shall retain title to all tangible or intangible properties of the Drug Unit. All leased, borrowed, shared, or loaned equipment will revert to the source upon completion of usage by the Drug Unit. All other properties acquired, regardless of source, shall become the exclusive property of Chatham County. In the event, or upon such time that the Drug Unit is disbanded, all property and equipment not leased, loaned, shared or borrowed shall revert to Chatham County.

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

27. Support Services - Any necessary law enforcement service not available from the sworn or civilian staff of the Drug Unit, including but not limited to laboratory analysis, evidence protection and storage, prisoner transportation and detention, medical care for arrestees, will be provided by the County. Any such service may be provided by a participating agency on a non-binding cooperative basis as offered by the participating agency.

In an effort to reduce costs while providing for all of the essential needs of the Drug Unit and the Director, the Savannah Police Department, the Chatham County Police Department, and the Chatham County Sheriff's Department agree to make available to the Director, the Internal Affairs Investigative personnel of those agencies. Any request for such services from the Director shall be met as a joint obligation of these departments. Investigative findings of any internal investigation will be reported directly to the Director. Any unusual costs associated with such endeavor will be reimbursed by the County.

28. Budget and Financial Responsibility - The County will assume budget responsibilities for ensuring the fiscal welfare of the Drug Unit, including all accounting of expenditures and revenues.

29. Submission for State and Federal Grants - For the purposes of submitting for State or Federal grant funds, the County shall be responsible identifying and making primary grant applications for which the Drug Unit may be eligible. Whenever it is advantageous, participating agencies agree to join in the submission application for the purpose of enhancing the possibility of securing the grant funding. The City agrees to provide whatever expertise or technical grant assistance it has available at the time, for the purpose of securing the grant award. The County agrees to reimburse the City for the cost of such services, which may later be taken from the grant award.

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

30. Audit Requirements - Expenditures and revenues for the Drug Unit will be accounted for in the general fund. This fund must be included in an annual financial audit.

31. Asset Forfeiture - Currency confiscated by the Drug Unit shall be considered revenues to be used only as funding for the Drug Unit and shall be accounted for separately. Non-currency assets seized by the Drug Unit shall become the property and responsibility of the County. Any funds received by the liquidation of non-currency assets must also accrue to a separate fund for asset forfeitures to be used only by the Drug Unit. The maximum annual dollar amount obtained from confiscated currency and liquidated assets that accrue to the fund dedicated to the Drug Unit shall be $450,000.00 dollars. Any funds obtained in excess of this amount shall be divided among participating agencies based on the average number of personnel to a tour of duty for that fiscal year. The County assumes responsibility for managing confiscated currency and seized assets and must comply with Federal and State asset forfeiture laws.

32. Staff Personnel Records - During the tour of duty of any assigned employee, the Director shall maintain an active personnel file on such employee. Employee information such as attendance records, job related injuries, work performance etc, shall be maintained in this file. However, the permanent employee records of such assigned employee shall not be deemed to be in the "care, custody, or control" of the Director. Upon the completion of their individual tour of duty, an assigned employee's respective personnel records, which were generated by the Director, shall be duly maintained by the County and the human resources department of the assigning participating agency.

33. Implementation Date - The provisions of this Agreement shall be implemented on _____, or any other specific date agreed upon in general correspondence between the County Manager and the City Manager.

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

34. Provisions for Termination of Agreement - This Agreement may be terminated by the Mayor and Council of the City of Port Wentworth or by the Chatham County Board of Commissioners with 30 days written notice for a violation of this Agreement. This Agreement also may be terminated without stated reason by the Mayor and Council of the City of Port Wentworth or by the Chatham County Board of Commissioners with 180 days written notice.

35. Amendments to This Agreement - This agreement may be amended by the mutual agreement of the parties hereto. Such amendment shall be in writing to be attached to and incorporated into this agreement.

36. Legal Construction - In case any one or more of the provisions contained in this Agreement shall be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof, and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

37. Collaboration with Area Police Departments - The Drug Unit shall collaborate and coordinate with the police departments of any city within Chatham County in which it will work. This includes establishing goals, objectives, priorities and strategies to eliminate and to remove the drug supplies. The Drug Unit shall collaborate and coordinate the implementation of enforcement strategies with the police department of each jurisdiction.

IN WITNESS WHEREOF, the County and the City have caused this agreement to be duly enacted by their proper officers and so attest with their corporate seals affixed hereto set forth in duplicate originals.

ATTEST:

BOARD OF COUNTY COMMISSIONERS
OF CHATHAM COUNTY, GEORGIA

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

Clerk of Commission

Chairman

ATTEST:

FOR THE MAYOR AND COUNCIL
OF THE CITY OF PORT WENTWORTH

Clerk of Council

Mayor

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

Appendix I

Drug Enforcement Advisory Board
Member Agency Designees

Bloomingdale Police Department –

Bryan County Sheriff's Office –

Chatham County Police Department –

Chatham County Sheriff's Office –

District Attorney of the Eastern Judicial Circuit –

Garden City Police Department –

Pooler Police Department –

Port Wentworth Police Department –

Savannah Police Department –

Savannah-Chatham County Board of Education Police Department –

Thunderbolt Police Department –

Tybee Island Police Department –

This list supersedes and replaces all other Appendixes issued prior to _____ pursuant to Member Agency Designees.

Attachment: MOU (2439 : Memorandum of Understanding (MOU) with Savannah-Chatham Narcotics Unit)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: City Administrator
Category: Agreement
Prepared By: Shanta Scarboro
Department Head: Edwin L. Booth

AGENDA ITEM (ID # 2443)

DOC ID: 2443

Proposal for Professional Services for the Port Wentworth Sewer Pump Station Capacity Study

Issue/Item: Proposal for Professional Services for the Port Wentworth Sewer Pump Station Capacity Study.

Background: Hussey Gay Bell is offering professional services for the Port Wentworth Sewer Pump Station Capacity Study to evaluate the City of Port Wentworth's existing sewer pump station and force main system. This study will determine the current and future pumping capacity required, evaluate options to convey sewer demands into the existing system and provide recommendations for system improvements.

The scope of services, costs for services by tasks and general conditions are spelled out in the attached Letter Agreement.

Recommendation: Approval.

ATTACHMENTS:

- Hussey Gay Bell - Proposal for Professional Services (PDF)

HUSSEY GAY BELL
Established 1958

May 14, 2021

Mayor Gary Norton
City of Port Wentworth
7224 GA Highway 21
Port Wentworth, Georgia 31407

RE: Proposal for Professional Services
Port Wentworth Sewer Pump Station Capacity Study
City of Port Wentworth, Georgia

Dear Mr. Norton:

We are pleased to present this proposal for professional services for the subject project. The purpose of this study is to evaluate the City of Port Wentworth's existing sewer pump station and force main system, determined the current and future pumping capacity required, evaluate options to convey sewer demands into the existing system and provide recommendations for system improvements.

The scope of services generally consists of the following tasks:

Task 1 Data Collection **$ 3,280**

HGB will conduct a kickoff workshop with the City of Port Wentworth and Clearwater Solutions (CWS) to review the existing sewer system and its service area. Information to be reviewed and discussed will likely include GIS data, existing sewer system collection system maps, pump station information, known areas of development, population projects and other factors contributing to area growth. Following the kickoff meeting HGB will issue meeting minutes and a list of any additional items requested from the City and/or Clearwater for use in the sewer system evaluation.

Task 2 Field Work **$ 1,640**

HGB will review the available sewer system information and determine what field work is to be completed to evaluate the existing sewer pump stations and force mains. HGB will coordinate any field work required through Clearwater Solutions.

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

Task 3 Flow Projections $ 4,950

HGB will develop service area boundaries for each existing pump station. HGB will review any known developments and the location of any proposed pump stations/sewer service areas. HGB will review the balance of the Port Wentworth sewer service area to identify any additional areas of potential development that may need to convey sewer into the existing collection system.

HGB will determine sewer capacities for each pump station service area, provide a boundary map for each service area and note the existing contributing ERUs and future ERUs. The existing and future capacity for each service area will then be utilized to model and evaluate the sewer infrastructure.

Task 4 Sewer Model $ 28,000

A sewer system model will be developed for the pump stations and force mains. Modeling of the gravity sewer system is not included in this proposal. The model will include the existing 16 pump stations and force mains. In addition, HGB will work with the City and Clearwater Solutions to develop and model alternatives for accommodating the future sewer capacity needed.

Task 5 Evaluation $ 11,070

HGB will evaluate the existing sewer system. Evaluation will include the existing pumping capacity of each station, the required existing capacity based on the pump station service area and the future pumping capacity based on the service area. The existing force main will be evaluated based on velocity and pressure for the current and proposed pump station capacity requirements.

HGB will also look at proposed or future sewer system requirements and evaluate options for conveyance into the existing Port Wentworth system. Options will be modeled, and alternatives developed for consideration.

Task 6 Summary and Recommendations $ 5,330

HGB will summarize the information developed in Tasks 1-5 in report format. The summary will identify any areas of the existing sewer system that are currently under capacity or experiencing operational problems. The summary will identify proposed and future expansions to the sewer system. HGB will provide recommendations for the City and Clearwater Solution to consider improving the existing sewer system

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

capacity as well as intermediate and long-term recommendations to provide adequate sewer pumping and conveyance for the buildout of the service area.

You will be billed each month for our services and for any reimbursable expenses as defined in the General Conditions. Invoices will be payable within 30 days of invoice date. This Agreement, along with the General Conditions, the Schedule of Hourly Rates and the Schedule of Reimbursable Expenses constitutes the entire contract between you and this firm and may only be modified by a written change order signed by both parties. Thank you for this opportunity to serve you.

Yours very truly,
HUSSEY, GAY, BELL & DEYOUNG, INC.

Jennifer Oetgen, P.E.
Principal

ACCEPTED BY:_____DATE:_____

Attachments: General Conditions
Schedule of Hourly Rates
Schedule of Reimbursable Expenses

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

GENERAL CONDITIONS

These GENERAL CONDITIONS are attached to and made a part of the Letter Agreement dated **May 14, 2021,** between **CITY OF PORT WENTWORTH** (Client) and **HUSSEY, GAY, BELL & DEYOUNG, INC.** (Engineer) and pertain to the project described therein.

1. CLIENT'S RESPONSIBILITIES.

1.1 The Client shall make available access by the Engineer to public and private property as is required to perform such investigations as are appropriate to obtain data for development of the Project.

1.2 The Client shall designate in writing a Representative for the work under this Agreement. The Client's Representative shall have complete authority to transmit the Client's instructions, policy and decisions pertaining to the project.

1.3 The Client shall furnish, in writing, any limitations in the overall project budget. This information shall be furnished at the beginning of the project.

2. ENGINEER'S RESPONSIBILITIES.

2.1 Services performed by the Engineer under this agreement will be performed in a manner consistent with the standard of care exercised by other members of the profession currently engaged in similar work in the area and practicing under similar conditions. No representation, either expressed or implied, or no guarantee or warranty is included or intended in this agreement.

2.2 Based on the mutually accepted program of work and Project budget requirements, the Engineer will prepare, for approval by the Client, documents consisting of drawings and other documents appropriate for the Project, and shall also submit to the Client, if part of the Scope of Work, a Statement of Probable Cost for the Project. The Engineer will make every reasonable effort to perform services to accommodate the Client's budgetary limitations pertaining to total project construction cost. However, such limitations will not be cause or reason to require the Engineer to furnish any product or instrument of service that is not consistent with the standard of care as described in Article 2.1.

2.3 A change in scope of work, after the start of work, may influence the fees and the schedule as stated in this proposal. Delay in providing information requested and/or review of documents in a reasonable amount of time is a change in the scope of work. The Client will be notified, as soon as reasonably possible, when a change order has occurred. The notification will include cost and design schedule impact. The fee for changes in the scope of work will be per Article 3, Additional Services, in the General Conditions.

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

3. ADDITIONAL SERVICES.

3.1 Additional services will be provided upon written agreement signed by both parties. Additional services shall be paid for by the Client as provided in these General Conditions in addition to the compensation for the services described in the Letter Agreement. The following services, if not described in the Letter Agreement, shall be considered Additional Services:

3.1.1 Providing a program study for the Project.

3.1.2 Providing financial feasibility or other special studies.

3.1.3 Providing planning surveys, site evaluation, environmental studies or comparative studies of prospective sites, and preparing special surveys, studies and submissions, required for approvals of governmental authorities or others having jurisdiction over the Project.

3.1.4 Providing coordination of Work performed by separate contractors or by the Client's own forces.

3.1.5 Making revisions in Drawings, Specifications or other documents when such revisions are inconsistent with written approvals or instructions previously given, are required by the enactment or revision of codes, laws or regulations subsequent to the preparation of such documents or are due to other causes not solely within the control of the Engineer.

3.1.6 Preparing to serve or serving as an expert witness in connection with any public hearing, arbitration proceeding or legal proceeding.

3.1.7 Providing services of consultants other than contracted engineering services for the Project.

3.1.8 Providing any other services not otherwise included in this Agreement or not customarily furnished in accordance with generally accepted engineering practice.

3.2 Payment for Additional Services shall be as agreed upon in writing by both parties. Payment shall be based on a lump sum derived from a definitive scope of work developed by the Client and Engineer or on the basis of hourly rate and expenses. Time charges shall be in accordance with the Engineer's Schedule of Hourly Rates, which is attached hereto and is a part of this Agreement. Reimbursable Expenses are as defined in ARTICLE 4 of these General Conditions. Payment for consultants other than the Engineer or services by others shall be paid for at 1.1 times their invoiced amount. Payment for travel by Company or private vehicle shall be made at the rate of $0.55 per mile.

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

4. REIMBURSABLE EXPENSES.

4.1 Reimbursable Expenses are in addition to the Compensation for Basic and Additional Services and include actual expenditures made by the Engineer and the Engineer's employees in the interest of Project for the expenses listed in the following Subparagraphs:

4.1.1 Expense of transportation in connection with the Project; living expenses in connection with out-of-town travel; long distance communications; and fees paid for reviews or seeking approval of authorities having jurisdiction over the Project.

4.1.2 Expense of reproductions, postage and handling of Drawings, Specifications, and other documents, excluding reproductions for the office use of the Engineer.

4.1.3 Expense of data processing and photographic production techniques when used in connection with Additional Services.

4.1.4 If authorized in advance by the Client, expenses of overtime work requiring higher than regular rates.

4.1.5 Expense of renderings, models and mark-ups requested by the Client.

4.1.6 Expense of any additional insurance coverage or limits, including professional liability insurance, requested by the Client in excess of that normally carried by the Engineer.

5. PAYMENT TO THE ENGINEER.

5.1 Billing will be accomplished monthly with payment due upon receipt of the Engineer's invoice. Payment will be credited first to any interest owed to Engineer, and then to principal. Client recognizes that prompt payment of Engineer's invoices is an essential aspect of the overall consideration Engineer requires for providing service to Client. Client agrees to pay all charges not in dispute within 30 days of invoice date. Any charges held to be in dispute shall be called to Engineer's attention within ten days of receipt of Engineer's invoice. If Client contests an invoice, Client shall promptly advise Engineer of the specific basis for doing so, may withhold only that portion so contested, and must pay the undisputed portion.

5.2 If the Client fails to make any payment due Engineer for services and expenses within 30 days after receipt of Engineer's invoice, then:

5.2.1 Amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and

5.2.2 Engineer may, after giving seven days written notice to Client, suspend services under this Agreement until Client has paid in full all amounts due for services, expenses, and other related charges. Client hereby waives any and all claims against Engineer for any such suspension.

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

5.3 If after the Effective Date any government entity takes a legislative action that imposes taxes, fees or charges on Engineer's services or compensation under this Agreement, then the Engineer may invoice such new taxes, fees, or charges as a Reimbursable Expense to which a factor of 1.0 shall be applied. Client shall reimburse Engineer for the cost of such invoiced new taxes, fees, and charges; such reimbursement shall be in addition to the compensation to which Engineer is entitled under the original terms of this Agreement.

6. CONSTRUCTION COST.

6.1 It is recognized that neither the Engineer nor the Client has control over the cost of labor, materials or equipment, over the Contractor's methods of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Engineer cannot and does not warrant or represent that bids or negotiated prices will not vary from any Statement of Probable Construction Cost or other cost estimate or evaluation prepared by the Engineer.

7. OWNERSHIP OF DOCUMENTS.

7.1 Drawings, Specifications, field data, notes, reports, calculations, test data, estimates and other documents as instruments of service are and shall remain the property of the Engineer whether the Project for which they are made is executed or not. The Client shall be permitted to retain copies, including reproducible copies, of Drawings and Specifications for information and reference in connection with the Client's use and occupancy of the Project. The Client shall also be permitted to retain electronic copies of all data, drawings, models, specifications and other documents that have been prepared in connection with specific projects. The Client may utilize the aforementioned work products for which the Engineer has been paid. Reuse of such data or information by the Client for any purpose other than that for which prepared shall be at the Client's sole risk, and the Client agrees to defend and indemnify Engineer for all claims, damages, costs, and expenses arising out of such reuse by the Client.

7.2 One set of deliverables including maps/prints/reports will be submitted for each project as appropriate. Terms for provision of additional copies and other deliverable requirements will be established as part of each project scope of work. Electronic copies of all deliverables will be made available to the Client if requested. The exact file format of the deliverable will depend on the project goals and software utilized by the Engineer, and shall be coordinated with the Client as part of the project. The Engineer shall retain these records for a period of two (2) years following their completion during which period additional paper copies and electronic files will be made available to the Client at reasonable times.

7.3 Submission or distribution to meet official regulatory requirements or for other purposes in connection with the Project is not to be construed as publication in derogation of the Engineer`s rights.

7.4 Only documents that are hard copies and have been signed and sealed by a representative of Engineer are documents of record for this project. The documents of record have been produced for this project only and for a given time. The documents are not to be used for any other project,

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

or any other location, or and after two years beyond their date of issuance. The use of these documents on other projects or at a time other than as stated may have an adverse effect. All other documents, including electronic files, are documents for information only and are not documents of record.

8. TERMINATION OF AGREEMENT.

8.1 This Agreement may be terminated by either party upon seven days' written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination.

8.2 This Agreement may be terminated by the Client upon at least seven days' written notice to the Engineer in the event that the Project is permanently abandoned.

8.3 In the event of termination not the fault of the Engineer, the Engineer shall be compensated for all services performed to termination date, together with Reimbursable Expenses then due.

9. ABANDONED OR SUSPENDED WORK.

9.1 Nothing in this Agreement nor in any document, report or opinion of the Engineer shall infer or imply that the Engineer's Services will be furnished on a contingent basis.

9.2 If the Project or any part thereof is abandoned or suspended in whole or in part by the Client for any reason other than for default by the Engineer, the Engineer shall be paid for all services performed prior to receipt of written notice from the Client of such abandonment or suspension.

10. INDEMNIFICATION.

10.1 The Engineer shall indemnify and hold the Client harmless from claims, liability, losses, and causes of action to the extent caused by any willful or negligent act, error, or omission of the Engineer, including those parties contracted by the Engineer as subcontractors, incidental to the performance of the Services under this Agreement.

11. LIMITATION OF LIABILITY.

11.1 Work to be performed and services rendered by the Engineer under this Agreement are intended for the sole benefit of the Client. Nothing herein shall confer any rights upon others or shall refer any duty on the part of the Engineer to any person or persons not a party to this agreement including, but not limited to, any contractor, sub-contractor, supplier, or any agent, employee, insurer, or surety of such person or persons.

11.2 The Engineer will not be responsible for and will not have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, and he will not be responsible for the Contractor's failure to carry out

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

the Work in accordance with the Contract Documents or for the Contractor's failure to enforce safety requirements set forth by Federal, State and Local agencies. The Engineer will not be responsible for or have control or charge over the acts or omissions of the Contractor, Subcontractors, or any of their agents or employees, or any other persons performing any of the Work.

11.3 The Client agrees to limit the Engineer's and its employees' liability to the Client and to all construction Contractors and Subcontractors on the project, due to the Engineer's negligent acts, errors, or omissions to meet the professional service standard of care requirements, such that the total aggregate liability of the Engineer to those named shall not exceed $2,000,000 and the per claim liability shall not exceed $1,000,000. This Client standard liability cap shall apply to all projects under this agreement including associated addenda, and any change orders for specific projects. This standard liability cap may be adjusted for distinct individual projects by mutual written consent of both parties as warranted by specific project conditions.

11.4 Engineer, its principals, employees, agents or consultants shall perform no services relating to the investigation, detention, abatement, replacement, discharge, or removal of any toxic or hazardous contaminants or materials except as specifically provided for in the Letter Agreement. The Engineer shall have no liability for claims arising out of the performance or failure to perform professional services related to the investigation, detection, abatement, replacement, discharge or removal of products, materials or processes containing asbestos or any other toxic or hazardous contaminants or materials ("Hazardous Materials") except as specifically provided for in the Letter Agreement.

12. MISCELLANEOUS PROVISIONS.

12.1 This Agreement shall be governed by the law of the principal place of business of the Engineer.

12.2 The Client and the Engineer, respectively, bind themselves, their partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, assigns and legal representatives of such party with respect to all covenants of this Agreement. Neither the Client nor the Engineer shall assign, sublet or transfer any interest in this Agreement without the written consent of the other.

12.3 This Agreement represents the entire and integrated agreement between the Client and the Engineer and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Client and Engineer.

Revised 3-10-16

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

HUSSEY GAY BELL
Established 1958

Hussey, Gay, Bell & DeYoung, Inc.
Consulting Engineers
Savannah, Georgia

SCHEDULE OF HOURLY RATES

	Rate Effective 01/2019
Principal Engineer	205.00
Professional Engineer (Testimony and Preparation)	345.00
Engineer V / Associate	185.00
Engineer IV	170.00
Engineer III	155.00
Engineer II	150.00
Engineer I	145.00
Assistant Engineer	130.00
Technician III	120.00
Technician II	115.00
Technician I	105.00
Landscape Architect	140.00
Senior Project Representative	110.00
Project Representative	95.00
Registered Land Surveyor III	165.00
Registered Land Surveyor II	145.00
Registered Land Surveyor I	130.00
3-Man Survey Crew	175.00
2-Man Survey Crew	165.00
1-Man Survey Crew	145.00
Senior Administrative	115.00
Administrative	75.00

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

SCHEDULE OF REIMBURSABLE RATES
January 2019

REPRODUCTION COSTS PER PAGE:

Plan Sheets – Bond (B/W)	
11 x 17 / 12 x 18	$ 0.60
24 x 36	$ 1.50
30 x 42	$ 2.15

Plan Sheets – Bond (Color - Line)	
11 x 17 / 12 x 18	$ 3.25
24 x 36	$24.00
30 x 42	$35.00

Plan Sheets – Bond (Color – Solid Fill)	
11 x 17 / 12 x 18	$ 4.75
24 x 36	$48.00
30 x 42	$70.00

Plan Sheets – Mylar (B/W)	
24 x 36	$15.60
30 x 42	$22.75

Specifications (B/W)	
8.5 x 11	$ 0.20

CD / Flash Drives
Actual costs including media costs
and staff time at standard rates

OVERNIGHT DELIVERY: Cost + 10%

AUTO MILEAGE: $0.54 per mile

AIRFARE: Actual Cost
(Economy Class – Domestic; Business Class – Foreign)

ROOM & BOARD: Actual Cost

Attachment: Hussey Gay Bell - Proposal for Professional Services (2443 : Proposal for Professional Services for the Port Wentworth Sewer

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2433)

DOC ID: 2433

2nd Reading for Zoning Map Amendment Application submitted by Phillip McCorkle, McCorkle, Johnson, McCoy, LLP., of behalf of Anthony Steele, Glenn Steele, Gary Wiggin, Lynn Jeffers, Sr., James Steele-Executor of the Estate of Fred Steele, Donnelly Marks-attorney-in-fact for Samuel Varnedoe, Jr., Comer Varnedoe Meadows, for PIN's # 7-0976-02-017, 7-0975-01-015, 7-0906-01-001B, portion of 7-0975-01-025, 7-0975-01-017A, 7-0975-01-026Y, 7-0975-01-026Z, 7-0975-01-016, 7-0976-02-041, portion of 7-0976-02-043 (Highway 21 & Jeffers Road) to Rezone from RA (Residential Agriculture) to P-I-1 (Planned Industrial) Zoning District for the purpose of Warehousing

Issue/Item: 2nd Reading for Zoning Map Amendment Application submitted by Phillip McCorkle, McCorkle, Johnson, McCoy, LLP., of behalf of Anthony Steele, Glenn Steele, Gary Wiggin, Lynn Jeffers, Sr., James Steele-Executor of the Estate of Fred Steele, Donnelly Marks-attorney-in-fact for Samuel Varnedoe, Jr., Comer Varnedoe Meadows, for PIN's # 7-0976-02-017, 7-0975-01-015, 7-0906-01-001B, portion of 7-0975-01-025, 7-0975-01-017A, 7-0975-01-026Y, 7-0975-01-026Z, 7-0975-01-016, 7-0976-02-041, portion of 7-0976-02-043 (Highway 21 & Jeffers Road) to Rezone from RA (Residential Agriculture) to P-I-1 (Planned Industrial) Zoning District for the purpose of Warehousing

Background: The subject property is currently vacant woodland. There are no buildings or structures on the subject property.

Facts and Findings: The subject property is composed of 5 separate property owners. The assemblage of the property is 362.15 acres of which approximately 150 acres is wetland areas. The proposed project consists of 2,629,000 square feet of warehouse space associated auto parking, trailer parking, drainage, utility, access and infrastructure improvements. This project's Development Impact Assessment has been reviewed by City Engineer's T.R. Long Engineering, P.C., and the concurrence letter has specific recommendations that should be incorporated into the consideration for approval.

Funding: N/A

Recommendation: The Planning Commission will hear this application on Monday, March 8, 2021 at 6:30 PM. **/ UPDATE: THE PLANNING COMMISSION VOTED 4 TO 2 TO APPROVE THE APPLICATION WITH THE CONDITION THAT THE ENGINEERING COMMENTS BE RESOLVED PRIOR TO THE CITY COUNCIL MEETING.**

ATTACHMENTS:

- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (PDF)
- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-PROP EXHIBIT 1.7.21 (PDF)
- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-GSITE PLAN 2.1.21 (PDF)
- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA TR LONG REVIEW LETTER 1 3.2.2021 (PDF)
- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (PDF)
- Planning Commission Minutes March 8, 2021 (PDF)
- DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (PDF)
- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (PDF)
- ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA TR LONG CONCURENCE LETTER 1 4.22.21 (PDF)

210048

RECEIVED FEB 05 2020 BY KS

APPLICATION TO AMEND THE ZONING MAP OF PORT WENTWORTH, GEORGIA

Name of Applicant: Phillip R. McCorkle Phone #: (912) 232-6000

Mailing Address: McCorkle, Johnson & McCoy, LLP, 319 Tattnall Street, Savannah, Georgia 31401

Name of Property Owner: please see Attachment 1 Phone #:
(Use back if more than one owner)

Address of Property: Highway 21, Jeffers Road, 226 Jeffers Road

PIN #: please see Attachment 2 Number of Acres: 362.15

Zoning Classification: Present R-A Requested P-I-1
Use of Property: Present Vacant/Residential Requested Warehousing

✓ If the requested change is to extend an existing adjacent zoning district to include this property, explain below why the proposed change should be made.

_____ If the requested change is not to extend an adjacent zoning district, explain below why this property should be placed in a different zoning district than all adjoining properties. (How does it differ from adjoining properties and why should it be subject to different restrictions than those applying to adjoining properties?)

The adjacent property on the north is a 1,000 acre industrial park in Effingham County including a 125 acre parcel in Port Wentworth recently rezoned P-I-1. This property is a natural extension of an area already being developed for warehousing.

Attach the following documents:

1. Written legal description of the property (e.g. copy of deed) – full metes and bounds description rather than plat reference.
2. Name, PIN #, property address and mailing address of owners of all properties within 250 feet of this property.
3. Plat showing property lines with lengths and bearings, adjoining streets, locations of existing buildings, north arrow and scale. **Submit fifteen (15) copies of the plat in 11"x17" or larger and one copy in 8.5"x11".**
4. Site Plan of proposed use of property. **Submit fifteen (15) copies in 11"x17" or larger and one copy in 8.5"x11".**
5. Disclosure of Campaign Contributions and Gifts form.
6. Disclosure of Financial Interests form.
7. If property owner and applicant are not the same, Authorization by Property Owner form or Authorization of Attorney form.
8. Filing fee of $356 + $50 per acre + $50 Administrative Fee, payable to the City of Port Wentworth.

APPLICATION MUST BE FILED 20 BUSINESS DAYS PRIOR TO THE PLANNING COMMISSION MEETING AT WHICH THEY ARE TO BE CONSIDERED.

I hereby authorize the staff of the City of Port Wentworth to inspect the premises of the above described property and to post this property with the duly required notices. I hereby depose and say that all statements herein and attached statements submitted are true and correct to the best of my knowledge and belief.

Sworn to and subscribed before me this 4 day of February, 2021.

TONIA R. HARBER ANDERSON NOTARY PUBLIC CHATHAM COUNTY GEORGIA EXPIRES 11/12/2022

Notary Public

Signature of Applicant - Phillip R. McCorkle

q:/data/wpdata/9400/9457-01 pw zoning app

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

DISCLOSURE OF CAMPAIGN CONTRIBUTIONS

(Required by Title 36, Chapter 67A, Official Code of Georgia Annotated)

Reference: Application filed on February, 2021, to rezone real property described as follows:

see Attachment 2

Within the two years preceding the above filing date, the applicant has made campaign contributions aggregating $250.00 or more to each member of the City Council of the City of Port Wentworth who will consider the application and is listed below. List (1) the name and official position of the local government official and (2) the dollar amount, description and date of each such campaign contribution.

None

I hereby depose and say that all statements herein are true, correct and complete to the best of my knowledge and belief.

Sworn to and subscribed before me this

4 day of February, 2021

Notary Public

TONIA R. HARBER ANDERSON NOTARY PUBLIC CHATHAM COUNTY GEORGIA EXPIRES 11/12/2022

Signature of Applicant

Phillip R. McCorkle

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

DISCLOSURE OF FINANCIAL INTERESTS

(Required by Title 36, Chapter 67A, Official Code of Georgia Annotated)

Reference: Application filed on _____, 20_____, to rezone real property described as follows:

The undersigned official of the City of Port Wentworth has a property interest (Note 1) in said property as follows:

The undersigned official of the City of Port Wentworth has financial interest (Note 2) in a business entity (Note 3) which has property interest in said property, which financial interest is as follows:

The undersigned official of the City of Port Wentworth has a member of the family (Note 4) having a property interest in said property or a financial interest in a business entity which has a property interest in said property, which family member and property interest or financial interest are as follows:

Note 1: Property Interest – Direct ownership of real property, including any percentage of ownership less than total ownership
Note 2: Financial Interest – All direct ownership interests of the total assets or capital stock of a business entity where such ownership interest is 10 percent or more
Note 3: Business Entity – Corporation, partnership, limited partnership, firm, enterprise, franchise, association or trust
Note 4: Member of the family – Spouse, mother, father, brother, sister, son or daughter

---

I hereby depose and say that all statements herein are true, correct and complete to the best of my knowledge and belief.

Sworn to and subscribed before me this
_____ day of _____, 20_____.

_____
Signature of Official

_____
Notary Public

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

Attachment 1

List of Property Owners

Anthony Steele	(912) 659-9721
Glenn Steele	(912) 596-1431
Gary Wiggin	(912) 667-0582
Lynn Jeffers, Sr.	(912) 257-1300
James Steele, Executor of the Estate of Fred Steele	(706) 358-2964
Donnelly Marks, attorney-in-fact for Samuel Varnedoe, Jr.	(646) 734-5906
Comer Varnedoe Meadows	(912) 856-6960

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

Attachment 2

List of Property Identification Numbers (PIN)

Steele II	7-0976-02-017	
	7-0975-01-015	
Wiggin	7-0906-01-001B	
	7-0975-01-025	(portion)
Jeffers	7-0975-01-017A	
	7-0975-01-1026Y	
	7-0975-01-1026Z	
Estate of Fred Steele	7-0975-01-016	
Varnedoe	7-0976-02-041	
	7-0976-02-043	(portion)

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

AUTHORIZATION OF PROPERTY OWNER

Application for Rezoning or Variance

I swear that I am the owner of the property which is the subject matter of the attached application, as is shown in the records of Port Wentworth, Georgia.

I authorize the person named below to act as applicant in the pursuit of a variance or for the rezoning of this property.

Name of Applicant: Phillip R. McCorkle

Address: 319 Tattnall Street, Savannah, Georgia 31401

Telephone Number: (912) 232-6000

Signature of Owner
Glenn A. Steele

Signature of Owner
Anthony Steele

Personally appeared before me

Michelle Lawrence

who swears that the information contained in this authorization is true and correct to the best of his or her knowledge and belief.

Michelle Lawrence
Notary Public

1/28/21
Date

MICHELLE LAWRENCE NOTARY PUBLIC CHATHAM COUNTY GEORGIA EXPIRES 03-28-23

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

AUTHORIZATION OF PROPERTY OWNER

Application for Rezoning or Variance

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I authorize the person named below to act as applicant in the pursuit of a variance or for the rezoning of this property.

Name of Applicant: Phillip R. McCorkle

Address: 319 Tattnall Street, Savannah, Georgia 31401

Telephone Number: (912) 232-6000

Signature of Owner

Gary Wiggin

Personally appeared before me

Michelle Lawrence

who swears that the information contained in this authorization is true and correct to the best of his or her knowledge and belief.

Michelle Lawrence

Notary Public

1/20/21

Date

MICHELLE LAWRENCE NOTARY PUBLIC CHATHAM COUNTY GEORGIA EXPIRES 03-28-23

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

AUTHORIZATION OF PROPERTY OWNER

Application for Rezoning or Variance

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I authorize the person named below to act as applicant in the pursuit of a variance or for the rezoning of this property.

Name of Applicant: Phillip R. McCorkle

Address: 319 Tattnall Street, Savannah, Georgia 31401

Telephone Number: (912) 232-6000

Signature of Owner

Lynn Jeffers, Sr.

Personally appeared before me

Lynn Jeffers, Sr.

who swears that the information contained in this authorization is true and correct to the best of his or her knowledge and belief.

Notary Public

AIMEE M. ECKER
NOTARY PUBLIC
My Commission Expires
December 20, 2021
COUNTY GEORGIA

Jan 20, 2021

Date

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

AUTHORIZATION OF PROPERTY OWNER

Application for Rezoning or Variance

I swear that I am the owner of the property which is the subject matter of the attached application, as is shown in the records of Port Wentworth, Georgia.

I authorize the person named below to act as applicant in the pursuit of a variance or for the rezoning of this property.

Name of Applicant: Phillip R. McCorkle

Address: 319 Tattnall Street, Savannah, Georgia 31401

Telephone Number: (912) 232-6000

Signature of Owner

Comer Varnedoe Meadows

Personally appeared before me

Michelle Lawrence

who swears that the information contained in this authorization is true and correct to the best of his or her knowledge and belief.

Michelle Lawrence

Notary Public

1/20/21

Date

MICHELLE LAWRENCE NOTARY PUBLIC CHATHAM COUNTY GEORGIA EXPIRES 09-28-23

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

AUTHORIZATION OF PROPERTY OWNER

Application for Rezoning or Variance

I swear that I am the owner of the property which is the subject matter of the attached application, as is shown in the records of Port Wentworth, Georgia.

I authorize the person named below to act as applicant in the pursuit of a variance or for the rezoning of this property.

Name of Applicant: Phillip R. McCorkle

Address: 319 Tattnall Street, Savannah, Georgia 31401

Telephone Number: (912) 232-6000

Signature of Owner

Samuel Varnedoe, Jr.

Donnelly Marks POA for Samuel Varnedoe, Jr.

Personally appeared before me

Michelle Lawrence

who swears that the information contained in this authorization is true and correct to the best of his or her knowledge and belief.

Michelle Lawrence

Notary Public

January 14, 2021

Date

MICHELLE LAWRENCE NOTARY PUBLIC CHATHAM COUNTY GEORGIA EXPIRES 03-28-23

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

AUTHORIZATION OF PROPERTY OWNER

Application for Rezoning or Variance

I swear that I am the owner of the property which is the subject matter of the attached application, as is shown in the records of Port Wentworth, Georgia.

I authorize the person named below to act as applicant in the pursuit of a variance or for the rezoning of this property.

Name of Applicant: Phillip R. McCorkle

Address: 319 Tattnall Street, Savannah, Georgia 31401

Telephone Number: (912) 232-6000

Signature of Owner

James Steele

Personally appeared before me

Michelle Lawrence

who swears that the information contained in this authorization is true and correct to the best of his or her knowledge and belief.

Michelle Lawrence

Notary Public

2/4/21

Date

MICHELLE LAWRENCE NOTARY PUBLIC GEORGIA CHATHAM COUNTY EXPIRES 03-28-23

BEGINNING AT A POINT ON THE WESTERN RIGHT OF WAY OF GEORGIA HIGHWAY 21, VARIABLE WIDTH RIGHT OF WAY, AND BEING APPROXIMATELY 759' NORTHEASTERLY FROM THE NORTHERN PRIVATE RIGHT OF WAY OF JEFFERS ROAD (ALSO KNOWN AS COLDBROOK ROAD), THENCE N13°54'43"W A DISTANCE OF 1,881.46' TO A POINT; THENCE N80°03'34"W A DISTANCE OF 968.91' TO A POINT; THENCE S11°49'47"E A DISTANCE OF 2,317.79' TO A POINT; THENCE ALONG THE NORTHERN PRIVATE RIGHT OF WAY OF JEFFERS ROAD (ALSO KNOWN AS COLDBROOK ROAD) THE FOLLOWING FIVE COURSES AND DISTANCES: N56°42'48"W A DISTANCE OF 974.85' TO A POINT, N15°04'35"W A DISTANCE OF 13.32' TO A POINT, N57°01'23"W A DISTANCE OF 540.55' TO A POINT, S11°05'32"E A DISTANCE OF 27.84' TO A POINT, N57°01'23"W A DISTANCE OF 816.66' TO A POINT; THENCE S13°12'10"E A DISTANCE OF 1,283.45' TO A POINT; THENCE S13°11'41"E A DISTANCE OF 138.91' TO A POINT; THENCE S81°56'10"W A DISTANCE OF 1,091.13' TO A POINT; THENCE S13°32'50"E A DISTANCE OF 276.45' TO A POINT; THENCE S81°56'10"W A DISTANCE OF 399.64' TO A POINT; THENCE N11°55'55"W A DISTANCE OF 275.81' TO A POINT; THENCE N11°55'59"W A DISTANCE OF 568.91' TO A POINT; THENCE N11°55'55"W A DISTANCE OF 1,004.20' TO A POINT; THENCE N11°06'45"W A DISTANCE OF 824.16' TO A POINT; THENCE N13°44'15"W A DISTANCE OF 216.26' TO A POINT; THENCE N69°43'54"W A DISTANCE OF 1,399.65' TO A POINT; THENCE N39°47'53"W A DISTANCE OF 367.29' TO A POINT; THENCE N49°05'52"E A DISTANCE OF 2,870.54' TO A POINT; THENCE S17°08'45"E A DISTANCE OF 850.00' TO A POINT; THENCE ALONG THE CENTERLINE OF BLACK CREEK THE FOLLOWING SEVENTEEN COURSES AND DISTANCES: S87°13'09"E A DISTANCE OF 75.85' TO A POINT, S76°23'47"E A DISTANCE OF 149.61' TO A POINT, S77°46'09"E A DISTANCE OF 346.73' TO A POINT, S75°25'55"E A DISTANCE OF 147.05' TO A POINT, S75°45'31"E A DISTANCE OF 386.26' TO A POINT, S76°28'59"E A DISTANCE OF 317.47' TO A POINT, S75°56'58"E A DISTANCE OF 346.62' TO A POINT, S75°21'30"E A DISTANCE OF 213.53' TO A POINT, S72°45'46"E A DISTANCE OF 94.03' TO A POINT, S66°01'36"E A DISTANCE OF 114.28' TO A POINT, S46°08'24"E A DISTANCE OF 139.64' TO A POINT, S30°25'49"E A DISTANCE OF 450.96' TO A POINT, S38°18'06"E A DISTANCE OF 125.90' TO A POINT, S44°22'46"E A DISTANCE OF 32.78' TO A POINT, S54°56'58"E A DISTANCE OF 130.56' TO A POINT, S65°42'20"E A DISTANCE OF 35.92' TO A POINT, S67°56'03"E A DISTANCE OF 1,792.61' TO A POINT; THENCE ALONG THE WESTERN RIGHT OF WAY OF GEORGIA HIGHWAY 21, VARIABLE WIDTH RIGHT OF WAY, THE FOLLOWING THREE COURSES AND DISTANCES: S19°04'36"W A DISTANCE OF 1,334.20' TO A POINT, WITH A CURVE TO THE RIGHT HAVING A RADIUS OF 11,325.16', AN ARC LENGTH OF 258.97', A CENTRAL ANGLE OF 01°18'37", A TANGENT LENGTH OF 129.49', A CHORD LENGTH OF 258.96' BEARING S19°43'41"W TO A POINT, S20°23'04"W A DISTANCE OF 402.25' TO THE **POINT OF BEGINNING**; AND CONTAINING 362.15 ACRES.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

Surrounding Property Owners within 250 feet

Ronald A. Royal
PIN: 70975 01024
Property Address: 6510 HWY 21, Port Wentworth, GA 31407
Mailing Address: 6510 HWY 21, Port Wentworth, GA 31407

Claretha Holmes, Dolres Hicks, Patricia Bing, Joseph (J.W.) Bowers, Clarence Bowers, Jimmy Bowers and Larry Bowers.
PIN: 70975 01014
Property Address: 0 Jeffers Rd, Port Wentworth, GA 31407
Mailing Address: P.O. Box 555616, Orlando, FL 32855

James Jones
PIN: 70975 01013
Property Address: 0 Jeffers Rd, Port Wentworth, GA 31407
Mailing Address: 7542 Hwy 21, Port Wentworth, GA 31407

Willie Lee Steele
PIN: 70975 01012C
Property Address: 206 Grant Road, Savannah, GA 31407
Mailing Address: 206 Grant Road, Savannah, GA 31407

T & T EXLEY PROPERTIES, LLC
PIN: 70906 01028
PIN: 70906 01029
PIN: 70906 01030
Property Addresses: 0 Augusta Road, Port Wentworth, GA 31407
Augusta Road, Port Wentworth, GA 31407
Mailing Address: 3414 Peachtree Road NE, Atlanta, GA 30326

SFG CH Chatham Tract, LLC
PIN: 70906 01039
Property Address: 0 Augusta Road, Port Wentworth, GA 31407
Mailing Address: 3280 Peachtree RD NE, Ste. 2770, Atlanta, GA 30305

Board of Education
PIN: 70906 04026
Property Address: 100 Mulberry Park Drive, Port Wentworth, GA 31407
Mailing Address: 208 Bull Street, Savannah, GA 31401

BEP RH TRACT 2 LLC
PIN: 70906 04028
Property Address: 3 Lakeside Blvd, Port Wentworth, GA 31407
Mailing Address: 100 Lakeside Blvd, Port Wentworth, GA 31407

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

J RICE HOPE LLC
PIN: 70906 04029
Property Address: 2 Magnolia Blvd, Port Wentworth, GA 31407
Mailing Address: 206 E. Victory Drive, Savannah, GA 31405

PWJB, LLC
PIN: 70906 04030
Property Address: 4 Magnolia Blvd, Port Wentworth, GA 31407
Mailing Address: 124 Grays Creek Drive, Savannah, GA 31410

RIYA PROPERTIES LLC
PIN: 70906 04031
Property Address: 6 Magnolia Blvd, Port Wentworth, GA 31407
Mailing Address: 1 Palm Grove Court, Savannah, GA 31410

DOLAWK LLC
PIN: 70906 04032
Property Address: 101 Bayberry Court, Port Wentworth, GA 31407
Mailing Address: 6602 Estate Fortuna, Saint Thomas, VI 00802

Rice Hope – CJ, L.L.C.
PIN: 70906 04067
Property Address: 80 Magnolia Blvd, Port Wentworth, GA 31407
Mailing Address: P.O. Box 450223, Atlanta, GA 31145

Odessa Adams
PIN: 70975 02002A
Property Address: 7550 Highway 21, Port Wentworth, GA 31407
Mailing Address: 105 E. 9th Street, Rincon, GA 31326

Faith Gospel Temple Deliverance Center, Inc.
PIN: 70975 02001
Property Address: 7548 Highway 21, Port Wentworth, GA 31407
Mailing Address: P.O. Box 18277, Savannah, GA 31418

Evelyn Jones
PIN: 70975 02002
Property Address: 7542 Highway 21, Port Wentworth, GA 31407
Mailing Address: 7542 Highway 21, Port Wentworth, GA 31407

<u>In Effingham County, GA:</u>

T & T EXLEY PROPERTIES, LLC
PIN: 04660008A00
Property Address: S Hwy 21, Springfield, GA 31329
Mailing Address: P.O. Box 416, Springfield, GA 31329

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

Thomas L. Exley, Sr. and Thomas L. Exley, Jr.
PIN: 04670001
Property Address: Hwy 21, Springfield, GA 31329
Mailing Address: P.O. Box 416, Springfield, GA 31329

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-

CITY OF PORT WENTWORTH
(912) 964-4379

REC#: 00302522 2/11/2021 11:04 AM
OPER: ME TERM: 011
REF#: CK 204496366

TRAN: 112.0000 BLDG PERMIT
210048 18,086.00CR
PHILLIP MCCORKLE
HIGHWAY 21
DEV-ZMA 18,086.00CR

TENDERED: 18,086.00 CHECK
APPLIED: 18,086.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

CITY OF PORT WENTWORTH
(912) 964-4379

REC#: 00302521 2/11/2021 11:03 AM
OPER: ME TERM: 011
REF#: CK 1875

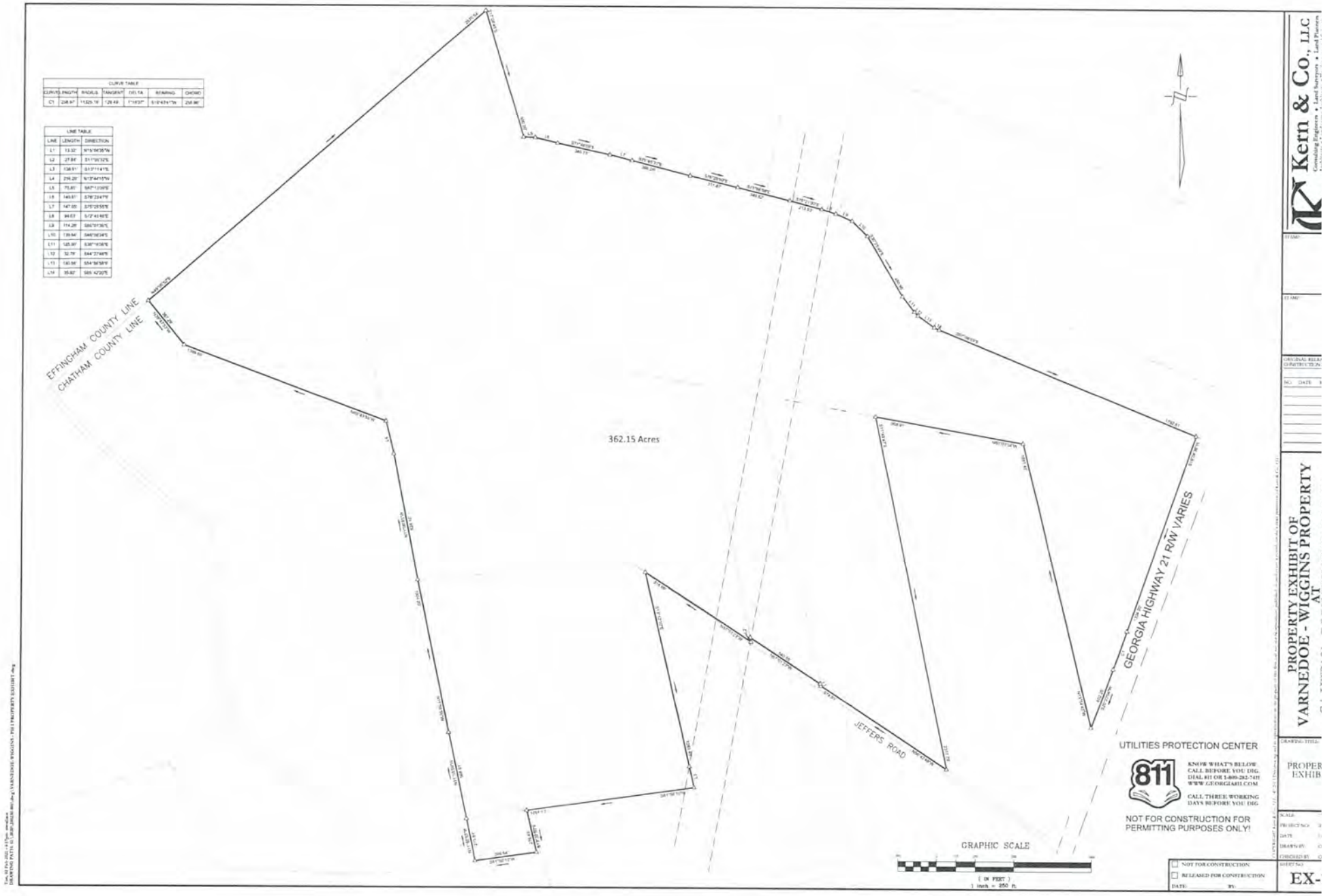
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PHILLIP MCCORKLE
HIGHWAY 21
DEV-ZMA 427.50CR

TENDERED: 427.50 CHECK
APPLIED: 427.50-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

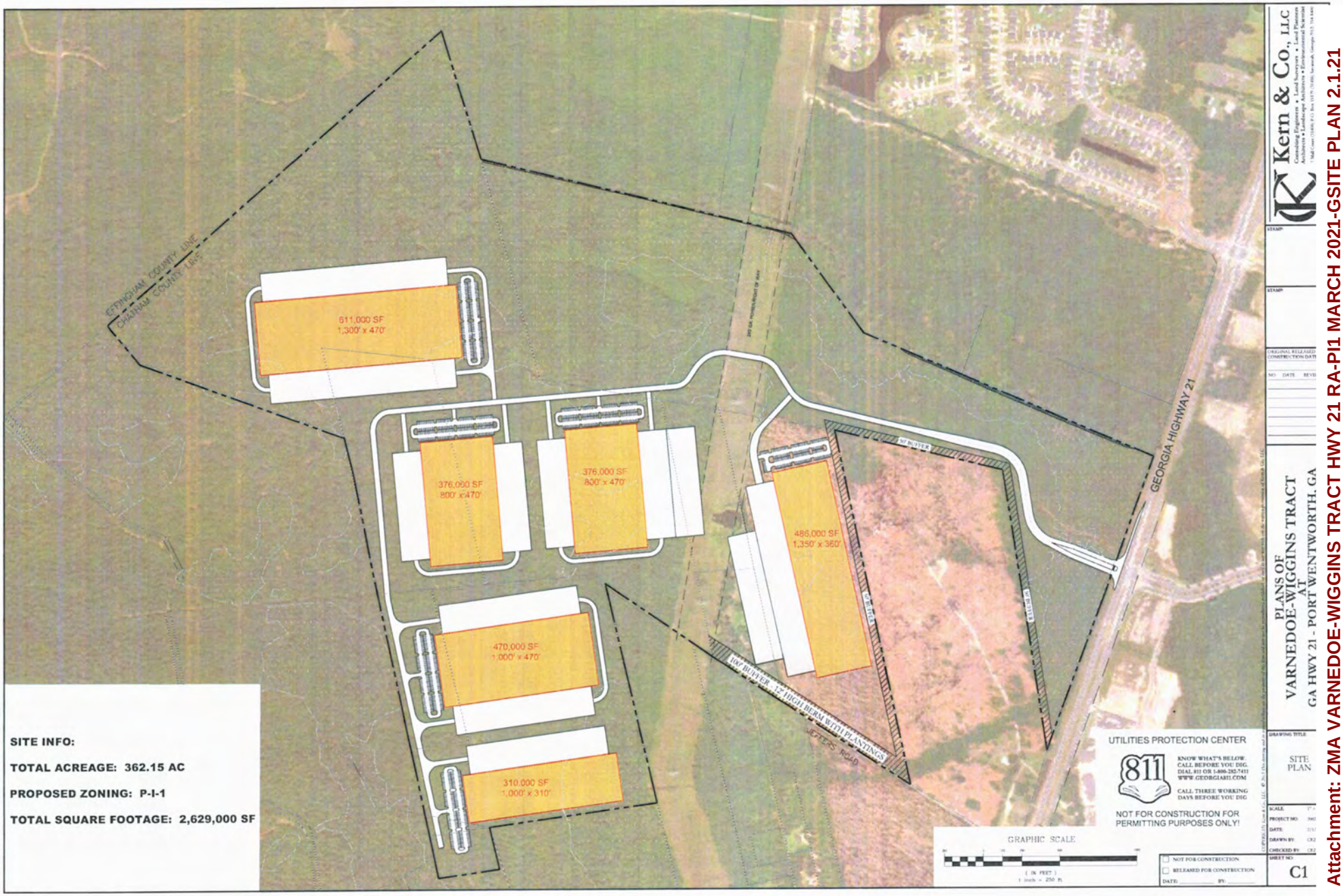
Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-APPLICATION (2433 : Zoning Map Amendment Varnedoe-



CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	DELTA	BEARING	CHORD
C1	238.97'	11325.19'	129.49'	1°12'57"	S19°43'41"W	238.96'

LINE TABLE		
LINE	LENGTH	DIRECTION
L1	13.32'	N15°04'26"W
L2	27.84'	S11°35'32"E
L3	138.91'	S13°11'41"E
L4	216.28'	N13°44'15"W
L5	75.81'	S87°12'05"E
L6	149.81'	S78°23'47"E
L7	147.05'	S75°28'55"E
L8	84.03'	S72°45'48"E
L9	114.28'	S80°51'30"E
L10	139.94'	S46°06'34"E
L11	125.80'	S38°16'06"E
L12	32.79'	S44°27'48"E
L13	130.56'	S54°36'58"E
L14	35.82'	S65°42'20"E

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-PROP EXHIBIT 1.7.21



Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-GSITE PLAN 2.1.21

T. R. Long Engineering, P.C.

114 North Commerce Street
Hinesville, Georgia 31313
(912) 368-5664 Office
(912) 368-7206 FAX

306 Commercial Drive
Savannah, Georgia 31406
(912) 335-1046 Office
(912) 335-1642 FAX

March 3, 2021

Mr. Brian Harvey
City of Port Wentworth
7224 Georgia Highway 21
Port Wentworth, Georgia 31407

Re: Varnedoe-Wiggins Tract
State Route 21
Port Wentworth, Georgia

Dear Mr. Harvey,

T. R. Long Engineering, P.C. has reviewed the "development Impact Assessment, Varnedoe-Wiggins Tract" prepared by Kern & Co., LLC dated February 1, 2021. We offer the following comments regarding this assessment:

1. The assessment indicates that the site will generate a demand on the water and sewerage system of approximately 10,000 gallons per day. Please provide the basis for this demand including all assumptions made.
2. We understand that this facility will not generate hazardous waste. Please discuss the ability of each facility to generate their own hazardous waste handling policies meeting State and Federal guidelines.
3. Please discuss how solid waste will be handled on site. (i.e. dumpsters, poly-carts, etc.) Also provide all assumptions and calculations to support the projected 10 tons of waste annually. The projected amount seems low.
4. Under stormwater management please discuss how the additional stormwater will be handled. Also please state that the design and construction of the stormwater facilities will be in conformance with the City of Port Wentworth ordinances, policies, codes and guidelines concerning drainage.
5. The assessment indicates that the project will have minimal impact on the local school system, the parks and recreation system and on public safety.
    a. Please provide information projecting how many students are anticipated to be added to the system. This will include how many employees will be generated by this development, how many are estimated to reside in Chatham County and Effing ham County as well as neighboring areas, and an estimate of the number of school age children associated with this development. This will be a good area to also re-state the positive financial contribution of the development.
    b. The additional traffic from this development will impact the police department. Please include a brief discussion of the impact to the police. (i.e. traffic, security)
    c. The project will impact the fire department. The addition of 2,629,000 sq. ft. of building represents a significant amount of facility to protect. Please discuss how

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA TR LONG REVIEW LETTER 1 3.2.2021 (2433 : Zoning Map

fire protection will be handled. (i.e. on-site fire distribution, building fire suppression systems, etc.)

6. The information for the traffic impact study is insufficient to determine the impact of the traffic generated by this development. The information provided is a trip generation and four bullet comments. This information does not allow an opportunity to assess the proposed impacts of this development. The study should address how this development will impact the traffic along State Route 21 under existing and future conditions. Please provide a complete traffic impact analysis for this project preferably prepared by a traffic engineer.
7. The discussion regarding noise is insufficient to determine the impact of the noise generated by this development. The exhibit appears to be a copy of a page from a textbook and does not specifically address this site. Please provide calculations specific for this site as well as a more detailed discussion of the impacts of noise.

Should you have any questions, comments or need additional information please contact us.

Sincerely,

Trent R. Long, P.E.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA TR LONG REVIEW LETTER 1 3.2.2021 (2433 : Zoning Map

DEVELOPMENT IMPACT ASSESSMENT

VARNEDOE-WIGGINS TRACT

GA HWY 21
PORT WENTWORTH, GA

PROJECT NO. 200230.000

PREPARED BY:

KERN & CO., LLC.
P.O. BOX 15179
7 MALL COURT
SAVANNAH, GA 31406
(912)-354-8400
FAX (912)-356-1865



April 12, 2021

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

I. *Executive Summary-*

The subject property is composed of 5 separate property owners. The assemblage of the property is 362.15 acres of which approximately 150 acres is wetland areas. The proposed project consists of 2,629,000 SF of warehouse space associated auto parking, trailer parking, drainage, utility, access and infrastructure improvements.

II. *Introduction, Project Description, Objective, Environmental Setting-*

The subject property consists of all or portions of 10 separate tax parcels owned by 5 separate property owners. There is one residence located on the property and the property is otherwise unoccupied. The majority of the property is wooded, some of which has been periodically timbered over the past several decades.

III. *Project Impacts and Mitigation Alternatives-*

A. Fiscal-

The estimated value of this project at the proposed 2024 completion date is $197,175,000.

-Annual Projected Taxes (Based upon $197,175,000 Valuation)

Port Wentworth	County	School Board
$328,100	$1,001,100	$1,489,145

B. Community Facilities-

1. Water Supply and Distribution- The development intends to connect to existing City of Port Wentworth Water Supply System.

Estimate: 2,629,000 SF Total

Office: 31,548 SF @ 15 GPD / 200 SF =	2,366 GPD
Warehouse: 2,597,452 Sf @ 3 GPD / 1000 SF =	7,792 GPD
Total:	10,158 GPD

The estimated demand for this site will be 10,000 GPD.

2. Wastewater Collection and Treatment- The development intends to connect to existing City of Port Wentworth Sanitary Sewer Collection System utilizing a pumping station and force main.

Estimate: 2,629,000 SF Total

Office: 31,548 SF @ 15 GPD / 200 SF =	2,366 GPD
Warehouse: 2,597,452 Sf @ 3 GPD / 1000 SF =	7,792 GPD
Total:	10,158 GPD

The estimated demand for this site will be 10,000 GPD.

3. Solid Waste- No amount of hazardous waste will be generated by the development. Each individual facility shall incorporate hazardous waste guidelines into their operation plan. OSHA, EPD as well as other state and federal regulations shall be utilized for the preparation of these

guidelines. The amount of non-recycled solid waste generated annually from the site is projected to be less than 10 tons. Additional waste such as pallets, cardboard, etc. shall be recycled. Each individual facility shall have on-site dumpsters and recycling containers.

4. Stormwater Management- The parcel drains directly into Black Creek, a tributary of the Savannah River. Post-development run-off rates will be required to meet Pre-development run-off rates and comply will all local, state and federal stormwater regulations. There will be a series of detention ponds, swales and additional stormwater infrastructure incorporated into the development. The design and construction of all stormwater infrastructure shall be in conformance with the City of Port Wentworth ordinances, policies, codes and guidelines.

5. Stormwater Quality- The City of Port Wentworth requires compliance with the Georgia Coastal Stormwater Supplement, the development will meet the requirements utilizing grassed swales, grassed channels, stormwater ponds and additional BMP's listed in the Coastal Stormwater Supplement to address water quality.

6. Schools - The development of this project will have minimal direct impact on the local school system. However, an estimated 100-200 employees will reside in Chatham County with approximately 50% of those families having children attending public school.

7. Park and Recreation- The development of this project will not have an impact on the local parks and recreation facilities.

8. Public Safety (Police and Fire)- The development of this project should have minimal impact on the police and fire departments. The truck court areas will have secure fencing and be well lit. In addition, all gates will have knox box features for emergency vehicle access and each of the buildings will have an ESFR fire system.

9. Traffic Impact Study- Trip Generation Attached – Exhibit A

   Summary –

   *Intersection Configuration to align with and match opposing Lakeside Boulevard with 1 right-in, 1 thru-in, 1 thru-out and 1 right-out travel lane.

   *Acceleration and Deceleration Lane to be provided meeting GADOT specifications.

   *Signal to be installed at Developers Expense once approved by GADOT.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

*Signal to be coordinated with GADOT timing sequence to maximize efficiency operations.

C. Environmental Quality

1. Noise- The noise ordinance identified the maximum receiving sound level limit to 60 dBA. Noise Study provided.

2. Jurisdictional and Non-Jurisdictional Wetlands- Jurisdictional letters of approval has been provided from the United States Army Corps of Engineers. See attached Exhibit C. We acknowledge additional wetland permitting will be required in conjunction with the proposed development plan.

3. Floodplain- Based on my observation these properties are located .in Federal Emergency Management Agency, Insurance Rate Map Number 13051C0030G, Dated 8/16/18, Base Flood Elevation: 13'-14', NAVD 88. See attached Exhibit D.

4. Water of the State- Tidal impacted state waters do not exist on site. In addition, the GADNR utilizes a "Field Guide for Determining the Presence of State Waters that Require a Buffer". Utilizing the field guide, there was no presence of wrested vegetation requiring a buffer within the proposed development area. Based upon this determination, the only proposed state waters impacts are the jurisdictional wetland impacts which we acknowledge, the required permits to be obtained prior to development.

5. Historic Resources- No evidence of historical site observed.

D. Comprehensive Plan- The proposed development complies with the City of Port Wentworth's Comprehensive Plan. The proposed plan supports minimizing usage of water and wastewater with the proposed zoning to P-I-1 (warehouse distribution has one of the lower user rates per acre of development compared to other commercial or residential uses). The comprehensive plan identifies greenspace preservation to ensure adequate land area is available for stormwater infiltration. Based upon our site plan with the anticipated wetlands preservation, in excess of 50% of our development will be greenspace preservation area.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

E. Proposed Operating Plan- The proposed operating plan has not been defined at this time as we await results of the zoning application. However, the intent of the facility is to provide multiple warehouse distribution facilities which will operate under individual operating plans, these plans will ensure compliance with all federal, state and local regulations. The individual operating plans will also include but not limited to safety protocols and OSHA compliance. In addition, the property owner's association of the overall development will have an operating plan which will include maintenance of roadways, stormwater infrastructure, detention basins, etc. in addition to typical landscape/lawn maintenance.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Noise Exposure Evaluation

Varnedoe-Wiggins Tract
Georgia Highway 21
Port Wentworth, Chatham County, Georgia

March 22, 2021
Terracon Project No. ES217065



Prepared for:

Kern & Co., LLC
Savannah, Georgia

Prepared by:

Terracon Consultants, Inc.
Savannah, Georgia

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

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March 22, 2021

Kern & Co., LLC
PO Box 15179
Savannah, Georgia 31416

Attn: Mr. Chad Zittrouer, PE
E: CZittrouer@kernengineering.com

Re: Noise Exposure Evaluation
Varnedoe-Wiggins Tract
Georgia Highway 21
Port Wentworth, Chatham County, Georgia
Terracon Project No. ES217065

Dear Mr. Zittrouer:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Noise Exposure Evaluation report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal No. PES217065, dated March 4, 2021.

We appreciate the opportunity to be of service to you on this project. In addition to noise evaluation services, our professionals provide **geotechnical, environmental, construction materials, and facilities services** on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com.

If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Leah R. Moore, EIT
Senior Staff Environmental Engineer

William S. Anderson, III, PE
Senior Principal / Southeast Division Manager

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APPENDICES

APPENDIX A Figure 1 - Vicinity & Topographic Map
Figure 2 - Site Diagram
Figure 3 - Existing Sound Levels
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APPENDIX B Field Documentation

APPENDIX C Sound Level Meter Session Reports

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Noise Exposure Evaluation

Varnedoe-Wiggins Tract
Georgia Highway 21
Port Wentworth, Chatham County, Georgia

Terracon Project No. ES217065
March 22, 2021

1.0 INTRODUCTION

1.1 Project Description

Terracon Consultants, Inc. (Terracon) has completed this Noise Exposure Evaluation on behalf of Kern & Co., LLC for the Varnedoe-Wiggins Tract rezoning project located west of Georgia Highway 21 (Augusta Road) in Port Wentworth, Chatham County, Georgia. The location of the subject site is depicted on a Vicinity and Topographic Map provided as Figure 1 of Appendix A as reproduced on a portion of the 2020 Port Wentworth, Georgia United States Geological Survey (USGS) 7.5-minute series topographic map. A diagram of the subject site is included as Figure 2 of Appendix A.

As shown on Figure 2, the subject site currently consists primarily of undeveloped wooded land transected by a Georgia Power overhead transmission line easement. Chatham County subject parcel numbers 70975 01026Y and 70975 01017A, addressed as 222 and 226 Jeffers Road respectively, are residentially developed and would be redeveloped as part of the proposed project. The subject parcels are currently zoned as Residential-Agriculture (R-A). As part of the proposed project, the parcels will be rezoned as Industrial (I-1), which is required to meet I-2 standards for warehousing.

Black Creek forms the majority of the northern property boundary. Based on site observations, land parcels to the north-northwest have already been developed or are under construction as warehouse facilities within the Georgia International Trade Center (GITC) development along Trade Center Parkway. North-northeastern adjoining Chatham County parcel numbers 70906 01029 and 70906 01030 currently consist of undeveloped wooded land but are zoned for residential development. These parcels are followed by the existing Rice Creek residential neighborhood. Additional residential developments exist to the south-southeast and east of the subject site along Georgia Highway 21 and Saussy Road. Western adjoining Chatham County and Effingham County land parcels consist of undeveloped wooded land.

The proposed Varnedoe-Wiggins Tract development will consist of six (6) warehouse/truck terminal buildings, employee vehicle parking areas, truck/trailer parking areas, and access roadways. Additionally, a 100-feet wide buffer containing a 15-feet tall earthen berm with 2:1

slopes topped with vegetation and trees is proposed along the shared property boundary with Jeffers Road. The layout of the proposed developments is depicted in Figures 3 and 4 in Appendix A.

1.2 Noise Overview

Noise is typically defined as unwanted or undesirable sound. The basic parameters of noise include intensity, frequency content, and variation with time. Noise intensity is determined by the level of sound, which is expressed in units of decibels (dB). The range of normally encountered sound on the decibel scale can be expressed by values between 0 dB and 120 dB. On a relative basis, a 3-dB change in sound level generally represents a barely perceptible change in a common outdoor setting. A 5-dB positive change represents a "noticeable" change and a 10-dB positive change is typically perceived as a doubling in volume. Similarly, a 10-dB decrease in noise levels is perceived as a 50% reduction in volume.

The frequency of noise is related to the tone or pitch of the sound and is expressed in terms of cycles per second, or hertz (Hz). The human ear can detect a wide range of frequencies from about 20 Hz to 17,000 Hz. However, because the sensitivity of human hearing varies with frequency, the A-weighting system is commonly used. A-weighting is applied to instrument-measured sound levels in an effort to account for the relative loudness perceived by the human ear, as the ear is less sensitive to low audio frequencies.

A-weighting is employed by arithmetically adding a table of values, listed by octave or third-octave bands, to the measured sound pressure levels in dB. The resulting octave band measurements are logarithmically added to provide a single A-weighted value describing the sound and the units are written as dB(A). The A-weighted sound level is widely accepted as a proper unit for describing environmental noise and has been adopted as the unit of measure by the Occupational Safety and Health Administration (OSHA), the American Conference of Governmental Industrial Hygienists (ACGIH), the Federal Highway Administration (FHWA), and the U.S. Environmental Protection Agency (EPA).

Because environmental noise fluctuates from moment to moment, it is common practice to condense all of this information into a single value known as the equivalent sound level (Leq). The Leq is a measure of the average sound energy during a specified period of time (typically 1 hour or 24 hours). The Leq is defined as the constant level that, over a given period of time, transmits the same amount of acoustical energy to a receiver as the actual time-varying sound. Peak 1-hour Leq provides the worst case equivalent hourly noise level for a given time period.

1.3 Purpose

The purpose of this evaluation was to satisfy the criteria set forth in the City of Port Wentworth, Georgia Code of Ordinances, Appendix B, Article V, Section 5.2. Specifically, Part C

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(Environmental Quality) of the Development Impact Assessment requirements in order to comply with I-2 zoning, states that a developer shall provide a noise study that includes the following:

- A 24-hour base-line survey of existing ambient sound levels (in Leq) at or near the property boundaries at intervals of not more than 300-feet.
- Estimated sound level data for the proposed development, with supporting documentation.
- A plat depicting the expected acoustic impact of the proposed development in 5-dB increments.

In addition, the ordinance states that where the noise generated by the proposed development is expected to exceed 55 dB(A) at any point along the property line, the developer shall provide a detailed proposal for noise-reduction measures, including, but not limited to, berms, sound-absorbing barriers, and vegetative buffers, and shall depict said improvements on the Preliminary General Site Plan submitted as part of the General Development Plan. The proposed parcel rezoning and warehouse development necessitates this Noise Exposure Evaluation.

1.4 Scope of Work

Pursuant to the completion of the Noise Exposure Evaluation, Terracon's scope of work included a visual and physical assessment of the subject site and the collection of sound level measurements along the property boundaries for an aggregate 24-hour period. In addition to an analysis of existing sound levels, Terracon estimated and plotted the expected acoustic impact of the proposed development in 5-decibel increments. A detailed discussion of Terracon's field procedures, existing sound level results, and sound level projections are included in the following sections. Conclusions and recommendations are presented at the end of this report.

1.5 Reliance

This report is prepared for the exclusive use and reliance of Kern & Co., LLC (the client) and the City of Port Wentworth. Use or reliance by any other party is prohibited without the written authorization of the client and Terracon Consultants, Inc.

Reliance on this report by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, this report, and the Agreement for Services between Terracon and Kern & Co., LLC, dated March 8, 2021. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

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2.0 FIELD ACTIVITIES

2.1 Background Sound Level Data Collection

In August 2020, Terracon collected existing background sound levels from various locations directly north of the current subject site as part of a separate rezoning project. Two (2) of these locations, referred to herein as M4 (2020) and M5 (2020), were located along the current northern property boundary as shown in Figure 3 in Appendix A. Location M4 (2020) was located near the center of the northern property boundary where the Georgia Power easement access road terminates on the north side of adjoining Black Creek. Location M5 (2020) was within the undeveloped wooded area directly north of the subject site's northwestern corner. These two (2) locations are considered representative of existing background conditions along the transecting Georgia Power overhead transmission line easement and along property boundaries with undeveloped wooded lands for the current subject site. As such, new sound level measurements were not performed for similar locations during the current study.

During the current study, Terracon did collect new existing background sound levels from two (2) locations, M1 and M2, along property boundaries with Georgia Highway 21 and Jeffers Road as shown in Figure 3 in Appendix A. As shown, location M1 was located on the eastern property boundary along Georgia Highway 21. Location M2 was located on the southern property boundary along Jeffers Road. Sound levels at the subject site were recorded for approximate 24-hour periods from March 15, 2021 through March 18, 2021. At each location, sound levels were recorded utilizing laboratory and field-calibrated Quest Technologies ANSI Type II SoundPro Model DL sound level meters. Data from the sound level meters were digitally imported utilizing the 3M™ Detection Management Software and processed utilizing Microsoft Excel. Photographs of the sound level meter locations and field observations are included in Appendix B.

2.2 Observed Noise Sources

During the collection of existing sound levels, a log was kept noting the time of day, meteorological conditions, and on-site/off-site noise sources. At current monitoring location M1, the primary noise source is traffic along Georgia Highway 21. Traffic included heavy trucks (tractor-trailers, dump trucks, etc.), light and medium trucks, buses, motorcycles, and passenger vehicles. At location M2, traffic noise from nearby Georgia Highway 21 was not as loud but was still noticeable. The occasional vehicle traversing Jeffers Road also contributed to vehicular noise at location M2. Locations M2, M4 (2020), and M5 (2020) were in predominantly undeveloped areas where on-site noise sources primarily consisted of wildlife such as birds, insects, and frogs. In addition to vehicular traffic, other off-site noise sources included occasional jet, airplane, and helicopters passing overhead.

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3.0 EXISTING SOUND LEVELS

The following sections provide summaries of the recorded sound levels at the subject site property boundaries. Session data from each meter location was digitally imported utilizing the 3M™ Detection Management Software and processed utilizing Microsoft Excel. The session reports for each location run as provided by the 3M™ software are provided in Appendix C. As shown on these reports, the software program automatically calculates an overall Leq for each session based on all the sound level data collected during that run. These values include, however, all potentially falsely elevated readings that may be associated with user interactions (setting up the meter, checking the batteries, approaching/leaving the meter locations, etc.) as well as non-typical environmental noise sources such as thunderstorms and rain. As such, Terracon further processes the sound level data to remove these "false" readings in order to calculate more accurate sound levels.

The following table lists all the data points removed from each meter session for the purposes of calculating existing sound levels.

Table 3.1 - Data Removed from Sound Level Analysis

Location / Session	Actual Start Time & Date	Actual Stop Time & Date	Modified Start Time & Date	Modified Stop Time & Date	Readings Removed from Data	Comments
M1	13:34 3/17/2021	13:06 3/18/2021	13:36 3/17/2021	12:29 3/18/2021	13:34-13:35 3/17/2021	Setting up meter/departing
					14:07-14:11 3/17/2021	Stopped session to check battery
					16:47-16:51 3/17/2021	Stopped session to check SD card
					12:30-13:06 3/18/2021	Rainfall followed by approaching/ breaking down meter
M2	11:48 3/15/2021	12:20 3/16/2021	11:52 3/15/2021	12:12 3/16/2021	11:48-11:51 3/15/2021	Setting up meter/departing
					12:13-12:20 3/16/2021	Surveyor's passing location, Terracon approaching/ breaking down meter
M4 (2020)	10:17 8/6/2020	09:41 8/7/2020	10:25 8/6/2020	09:39 8/7/2020	10:17-10:24 8/6/2020	Setting up meter/departing
					16:37 8/6/2020	Thunder
					16:51-19:03 8/6/2020	Thunderstorm/ rain

Location / Session	Actual Start Time & Date	Actual Stop Time & Date	Modified Start Time & Date	Modified Stop Time & Date	Readings Removed from Data	Comments
M4 (2020) *Continued*	10:17 8/6/2020	09:41 8/7/2020	10:25 8/6/2020	09:39 8/7/2020	20:59-00:03 8/6-7/2020	Thunderstorm/ rain
					09:40-09:41 8/7/2020	Approaching/ breaking down meter
M5 (2020)	10:00 8/6/2020	09:21 8/7/2020	10:03 8/6/2020	09:18 8/7/2020	10:00-10:02 8/6/2020	Setting up meter/departing
					16:37 8/6/2020	Thunder
					16:51-18:47 8/6/2020	Thunderstorm/ rain
					21:01-03:38 8/6-7/2020	Thunderstorm/ rain
					09:19-09:21 8/7/2020	Approaching/ breaking down meter

3.1 Average Leq Measurements

Using the sound level data as modified in Section 3.0, Terracon recalculated the 24-hour average Leq values at each measurement location as well as average day and night Leq values. 'Day' measurements refer to the hours between 07:00 and 19:00 when the development would be the most active. 'Night' measurements refer to the hours between 19:00 and 07:00 when development operations would be reduced. The sound levels are presented in the following table.

Table 3.2 - Summary of Average Leq Measurements

Location	24-Hour Average Leq dB(A)	"Day" Average Leq dB(A)	"Night" Average Leq dB(A)
M1	68.12	69.86	65.60
M2	54.87	57.08	49.88
M4 (2020)	52.54	50.66	53.87
M5 (2020)	50.28	47.11	53.06

*Values in red exceed the City of Port Wentworth 55 dB(A) reference threshold.

The existing 24-hour average Leq values at the subject site ranged from 50.28 dB(A) at location M5 (2020) to 68.12 dB(A) at location M1. Average "day" Leq values were higher than their respective average "night" Leq values at meter locations closer to off-site adjacent Georgia Highway 21 traffic (locations M1 and M2); whereas average "night" Leq values were generally higher in the more wooded locations [locations M4 (2020) and M5 (2020)], likely due to increased

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Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

nocturnal wildlife/insect activity. The highest average "night" Leq, however, was recorded at location M1 which was located closest to the Georgia Highway 21. The 24-hour average Leq measurements are depicted on Figure 3 in Appendix A.

As noted in the Table 3.2, the existing 24-hour average Leq as well as the average "day" and "night" Leq sound levels at location M1 already exceed the 55 dB(A) threshold referenced in the City of Port Wentworth Code of Ordinances. Existing traffic noise generated along Georgia Highway 21 dominates the noise environment in this location and represents the existing sound levels experienced by commercial and residential developments adjacent to this roadway. The average "day" Leq sound level at location M2 also exceeds the 55 dB(A) threshold due to increased daytime traffic noise along Georgia Highway 21 and represents the existing noise environment for residences near the roadway.

3.2 Peak 1-Hour Leq Measurements

Maximum hourly Leq values were identified for each measurement location as shown in the table below. Peak 1-hour Leq values ranged from 56.01 dB(A) at location M5 (2020) to 70.56 dB(A) at location M1. The peak 1-hour Leq at M1 occurred during morning rush hour traffic on Georgia Highway 21. At locations M4 (2020) and M5 (2020), the peak hourly Leq values took place during the late evening/early morning hours, indicating they were likely due to active nocturnal wildlife and insects, especially after the thunderstorms that took place overnight from August 6, 2020 to August 7, 2020 (noise from the thunderstorms themselves were removed from the calculations as indicated in Table 3.1 previously).

Table 3.3 - Summary of Peak 1-Hour Leq Measurements

Location	Peak 1-Hour Leq dB(A)	Time Period	Date
M1	70.56	07:06-08:05	3/18/2021
M2	61.09	12:21-13:20	3/15/2021
M4	56.61	23:54-00:53	8/7/2020
M5	56.01	03:29-04:28	8/7/2020

*Values in red exceed the City of Port Wentworth 55 dB(A) reference threshold.

4.0 PROJECTED SOUND LEVELS

Based on Terracon's experience with similar warehouse/trucking terminals, average noise levels of 75 dB(A) at 50-feet are typical within the warehouse loading/unloading areas and truck turnaround areas. These activities are considered point noise sources from which noise projects spherically away from the source in all directions. Noise attenuates, or decays, with distance

away from the source. Factors such as topography, vegetation, and atmospheric conditions can further reduce noise across a distance. "Hard" flat ground surfaces, such as water, concrete/pavement, and hard-packed soil, are considered reflective surfaces where the ground does not provide any additional attenuation. The standard attenuation rate for hard site conditions is 6 dB per doubling of distance for point sources. "Soft" ground surfaces such as normal unpacked earth, vegetation, and wooded land, are considered absorptive and provide an additional 1.5 dB reduction per doubling of distance, for a total of 7.5 dB per distance doubled from the point noise source.

Additional noise reduction can be achieved using noise barriers such as noise walls or berms. As shown on Figures 3 and 4 in Appendix A, a 100-feet wide buffer completed with an earthen berm is proposed between the site developments and southern adjoining Jeffers Road. The berm will be 15-feet tall with 2:1 slopes and will be topped with vegetation and trees. A 5 dB(A) reduction in noise can be achieved by breaking the line of sight between a noise source and the receiver using a noise barrier. An additional 1 dB(A) reduction can be achieved for each additional 2-feet above the line of sight to the top of the wall or berm.

Based on the topographic data in the Line of Sight Exhibit (dated March 4, 2021) provided by Kern & Co., LLC, the proposed berm would break the horizontal line of sight toward a 6-feet tall receiver standing south-southwest of Jeffers Road at approximately 6-feet up the berm. The additional 9-feet height of the proposed 15-feet tall berm would provide an additional minimum 4 dB(A) reduction (1 dB(A) per 2-feet increase) on top of the 5 dB(A) line of sight reduction; yielding a total 9 dB(A) noise level reduction between the subject site developments and off-site residences south of Jeffers Road.

As shown in Figure 4 of Appendix A, Terracon conservatively projected the future sound levels beginning at 75 dB(A) from the edges of the proposed trailer parking and turnaround areas. Surrounding site conditions were assumed to be "soft". Using the equation below, the approximate distances from the noise sources to each sound level contour were determined:

$$D = D_o * 10^{((75\ dB(A)\ -\ Projected\ Sound\ Level\ in\ dB(A))/\alpha)}$$

Where:
D = Distance from the point noise source
D_o = Reference measurement distance (50-feet in this case)
α = 20 for hard ground cover, 25 for soft ground cover. Assumes value of 7.5 dB(A) reduction for soft cover and 6 dB(A) reduction for hard cover per doubled distance.

The resulting sound level contours are depicted on Figure 4 in Appendix A. As shown, projected noise levels are not expected to significantly increase at the background sound level measurement locations above their existing levels (see Section 3.0). Projected sound levels may be in excess of 55 dB(A) along the western property boundary; however, properties beyond the

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

western boundary are currently undeveloped and reportedly may soon be slated for warehousing/trucking terminal development which will have operational sound levels at approximately 75 dB(A) as well. Sound levels may also exceed 55 dB(A) along the southern property boundaries near the Georgia Power easement and Jeffers Road; however, these areas are also undeveloped and are unlikely to be developed with noise sensitive receptors in the future.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

Existing 24-hour average Leq values at the subject site ranged from 50.28 dB(A) at location M5 (2020) to 68.12 dB(A) at location M1. Average "day" Leq values were higher than their respective average "night" Leq values at meter locations closer to off-site adjacent Georgia Highway 21 traffic (locations M1 and M2); whereas average "night" Leq values were generally higher in the more wooded locations [locations M4 (2020) and M5 (2020)], likely due to increased nocturnal wildlife/insect activity.

The existing 24-hour average Leq as well as the average "day" and "night" Leq sound levels at location M1 already exceed the 55 dB(A) threshold referenced in the City of Port Wentworth Code of Ordinances. Existing traffic noise generated along Georgia Highway 21 dominates the noise environment in this location and represents the existing sound levels experienced by commercial and residential developments adjacent to this roadway. The average "day" Leq sound level at location M2 also exceeds the 55 dB(A) threshold due to increased daytime traffic noise along Georgia Highway 21 and represents the existing noise environment for residences near the roadway.

Existing maximum hourly Leq values ranged from 56.01 dB(A) at location M5 (2020) to 70.56 dB(A) at location M1. The peak 1-hour Leq at M1 occurred during morning rush hour traffic on Georgia Highway 21. At locations M4 (2020) and M5 (2020), the peak hourly Leq values took place during the late evening/early morning hours, indicating they were likely due to active nocturnal wildlife and insects, especially after the thunderstorms that took place overnight from August 6, 2020 to August 7, 2020.

Conservative projected sound levels indicate on-site levels should attenuate to 55 dB(A) or less within the subject parcel limits except for along the western property boundary and along the southern boundaries with the Georgia Power easement and Jeffers Road. The properties to the west currently consist of undeveloped, wooded land and reportedly may also be developed as warehousing/trucking terminal facilities and will have their own operational sound levels of around 75 dB(A) on their sites in the future. The Georgia Power easement and impacted southern properties along Jeffers Road are also undeveloped and are unlikely to be developed with noise sensitive receptors in the future. Overall, the proposed development is not expected to

significantly increase average sound levels at the property boundaries and will not result in significant noise impacts to off-site receivers.

5.2 Recommendations

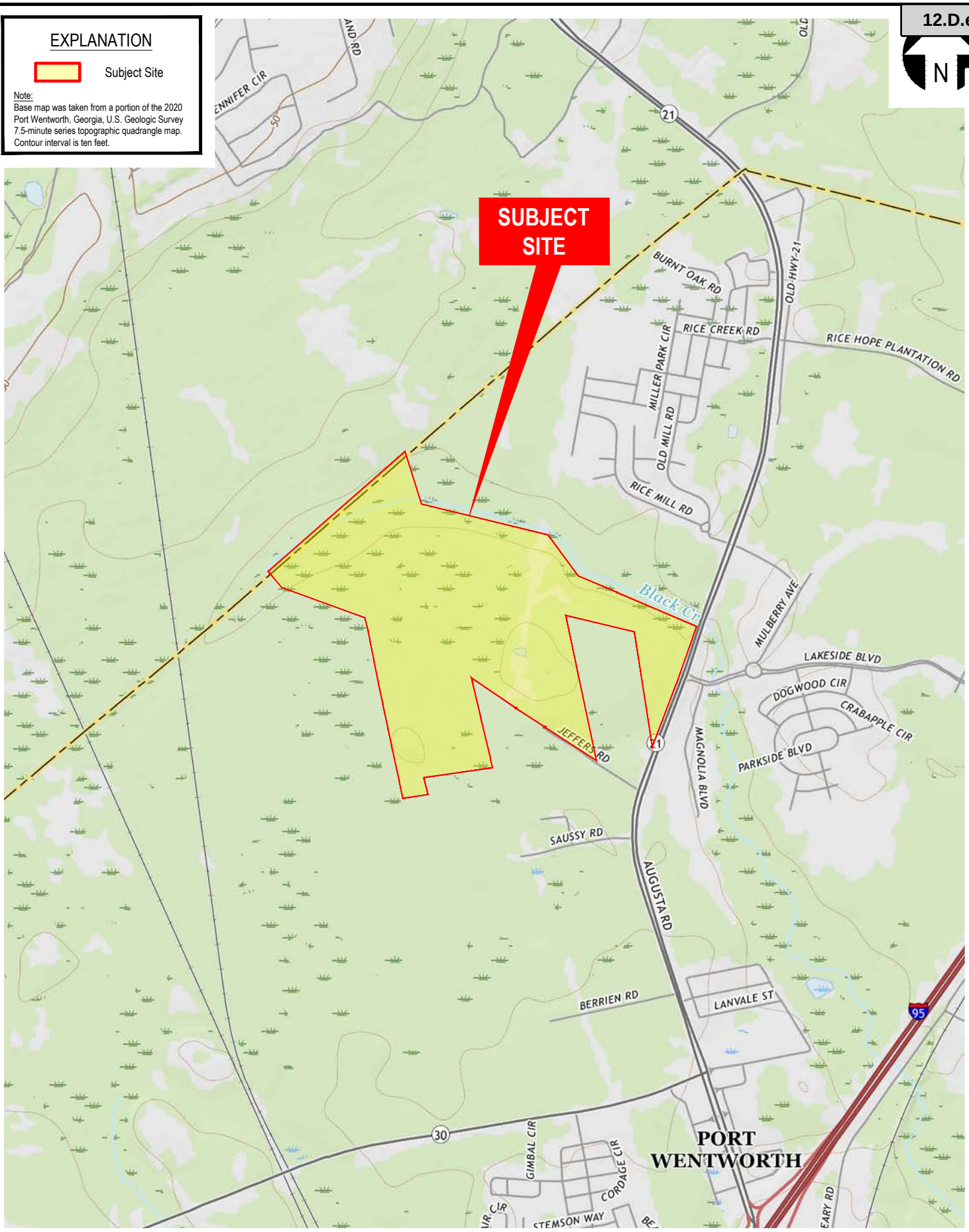
Terracon recommends the proposed earthen berm be constructed as indicated in Appendix A and herein in order to reduce the potential for adverse noise impacts to the south. Terracon also recommends leaving as much native woodland untouched as possible between the northern property developments and access roads and the northern adjoining residential land parcels to further reduce sound impacts to any future residential developments. No other recommendations are made at this time.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

APPENDIX A

Figures



0 1,000' 2,000'
1" = 300'
SCALE IN FEET

Project Mngr:	LRM
Drawn By:	JDG
Checked By:	LRM
Approved By:	WSA

Project No.	ES217065
Scale:	AS SHOWN
File Name:	ES217065.dwg
Date:	March 19, 2021

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax. (912) 629 4001

VICINITY AND TOPOGRAPHIC MAP

Varnedoe-Wiggins Tract
Georgia Highway 21
Port Wentworth, Chatham Coun

Figu
1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

EXPLANATION

SUBJECT SITE BOUNDARY

PARCEL BOUNDARY

RIGHT OF WAY

Note:
Map elements were graphically estimated from Google Earth aerial imagery, Chatham and Effingham County tax maps, and on-site observations. Parcel boundaries are approximate. Not intended for construction purposes.

0 300' 600'

1" = 600'

N

ADJACENT PARCEL
Owner: SFG CH Chatham Tract, LLC
PIN: 70906 01039
±81.16 acres

ADJACENT PARCEL
Owner: Exley Thomas L Sr. & Thomas L Jr.
PIN: 70906 01028
±45.31 acres

ADJACENT PARCEL
Owner: Exley Thomas L Sr. & Thomas L Jr.
PIN: 70906 01029
±68.71 acres

ADJACENT PARCEL
Owner: Exley Thomas L Sr. & Thomas L Jr.
PIN: 70906 01030
±9.92 acres

245' GA. POWER RIGHT OF WAY

SUBJECT PARCEL
Owner: GW Investments, LLC
PIN: 70906 01001B
±108.05 acres

SUBJECT PARCEL
Owner: Varnedoe Sam L Jr. ETAL
PIN: 70976 02041
±126.27 acres

SUBJECT PARCEL
Owner: Wiggin Gary
Portion of PIN: 70975 01025
Portion of ±58.04 acres

ADJACENT PARCEL
Owner: T and T Exley Properties, LLC
PIN: 04660008A00
±357.90 acres

SUBJECT PARCEL
Owner: Jeffers Lynn Sr.
PIN: 70975 01026Z
±9.26 acres

SUBJECT PARCEL
Owner: Jeffers Lynn Sr.
PIN: 70975 01026Y
±5.05 acres

ADJACENT PARCEL
Owner: Exley Thomas L Sr. & Exley Thomas L Jr.
PIN: 04670001
±314.08 acres

SUBJECT PARCEL
Owner: Steele Fred Jr.
PIN: 70975 01016
±24.39 acres

SUBJECT PARCEL
Owner: Jeffers Lynn Sr.
PIN: 70975 01017A
±0.94 acres

ADJACENT PARCEL
Owner: Royal Ronald A
PIN: 70975 01024
±48.48 acres

GEORGIA HIGHWAY 21

ADJACENT PARCEL
Owner: BEP Rice Hope, LLC
PIN: 70906 04074
±6.16 acres

ADJACENT PARCEL
Owner: BEP RH Tract 2, LLC
PIN: 70906 04028
±1.75 acres

ADJACENT PARCEL
Owner: J Rice Hope, LLC
PIN: 70906 04029
±1.55 acres

ADJACENT PARCEL
Owner: PWJB, LLC
PIN: 70906 04030
±1.29 acres

ADJACENT PARCEL
Owner: Riya Properties, LLC
PIN: 70906 04031
±1.05 acres

ADJACENT PARCEL
Owner: Dolawk, LLC
PIN: 70906 04032
±0.97 acres

ADJACENT PARCEL
Owner: Rice Hope - CJ, LLC
PIN: 70906 04067
±3.23 acres

JEFFERS ROAD

ADJACENT PARCEL
Owner: Steele Fred Jr.
PIN: 70975 01012
±6.58 acres

ADJACENT PARCEL
Owner: Wiggin Gary
Portion of PIN: 70975 01025
Portion of ±58.04 acres

ADJACENT PARCEL
Owner: Varnedoe Sam L Jr. ETAL
Portion of PIN: 70976 02043
Portion of ±140.25 acres

ADJACENT PARCEL
Owner: Jones James
PIN: 70975 01013
±7.64 acres

SUBJECT PARCEL
Owner: Varnedoe Sam L Jr. ETAL
Portion of PIN: 70976 02043
Portion of ±140.25 acres

ADJACENT PARCEL
Owner: Holmes & Hicks Claretha & Dorles ETAL
PIN: 70975 01014
±20.10 acres

SUBJECT PARCEL
Owner: Steele Glenn A & Steele Anthony
PIN: 70975 01015
±12.27 acres

SUBJECT PARCEL
Owner: Steele Glenn A & Steele Anthony
PIN: 70976 02017
±2.28 acres

ADJACENT PARCEL
Owner: Varnedoe Sam L
PIN: 70976 02042
±31.33 acres

ADJACENT PARCEL
Owner: Varnedoe Sam L Jr. ETAL
PIN: 70976 02036
±76.26 acres

ADJACENT PARCEL
Owner: Varnedoe Sam L Jr. ETAL
PIN: 70976 02040
±7.47 acres

Project Mngr:	LRM
Drawn By:	JDG
Checked By:	LRM
Approved By:	WSA

Project No.	ES217065
Scale:	AS SHOWN
File Name:	ES217065.dwg
Date:	March 19, 2021

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax. (912) 629 4001

SITE DIAGRAM

Varnedoe-Wiggins Tract
Georgia Highway 21
Port Wentworth, Chatham County, Georgia

Figur 2

EXPLANATION

- SUBJECT SITE BOUNDARY
- PARCEL BOUNDARY
- RIGHT OF WAY
- 50' VEGETATED BUFFER
- 100' BUFFER - 15' HIGH BERM WITH PLANTINGS
- SOUND LEVEL MEASUREMENT LOCATION
- 52.54 dB(A) — 24-HOUR AVERAGE LEQ IN dB(A)

Note:
Map elements were graphically estimated from Google Earth aerial imagery, Chatham and Effingham County tax maps, the "Plans of Varnedoe-Wiggins Tract at GA HWY 21 - Port Wentworth, GA" Site Plan provided by Kern & Co., LLC dated 1/27/2021, and on-site observations. Parcel boundaries are approximate. Not intended for construction purposes.

dB(A) - A-weighted sound level in decibels.

0 300' 600'
1" = 600'



Project Mngr:	LRM
Drawn By:	JDG
Checked By:	LRM
Approved By:	WSA

Project No.	ES217065
Scale:	AS SHOWN
File Name:	ES217065.dwg
Date:	March 19, 2021

Terracon
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2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax. (912) 629 4001

EXISTING SOUND LEVELS

Varnedoe-Wiggins Tract
Georgia Highway 21
Port Wentworth, Chatham County, Georgia

Figur
2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

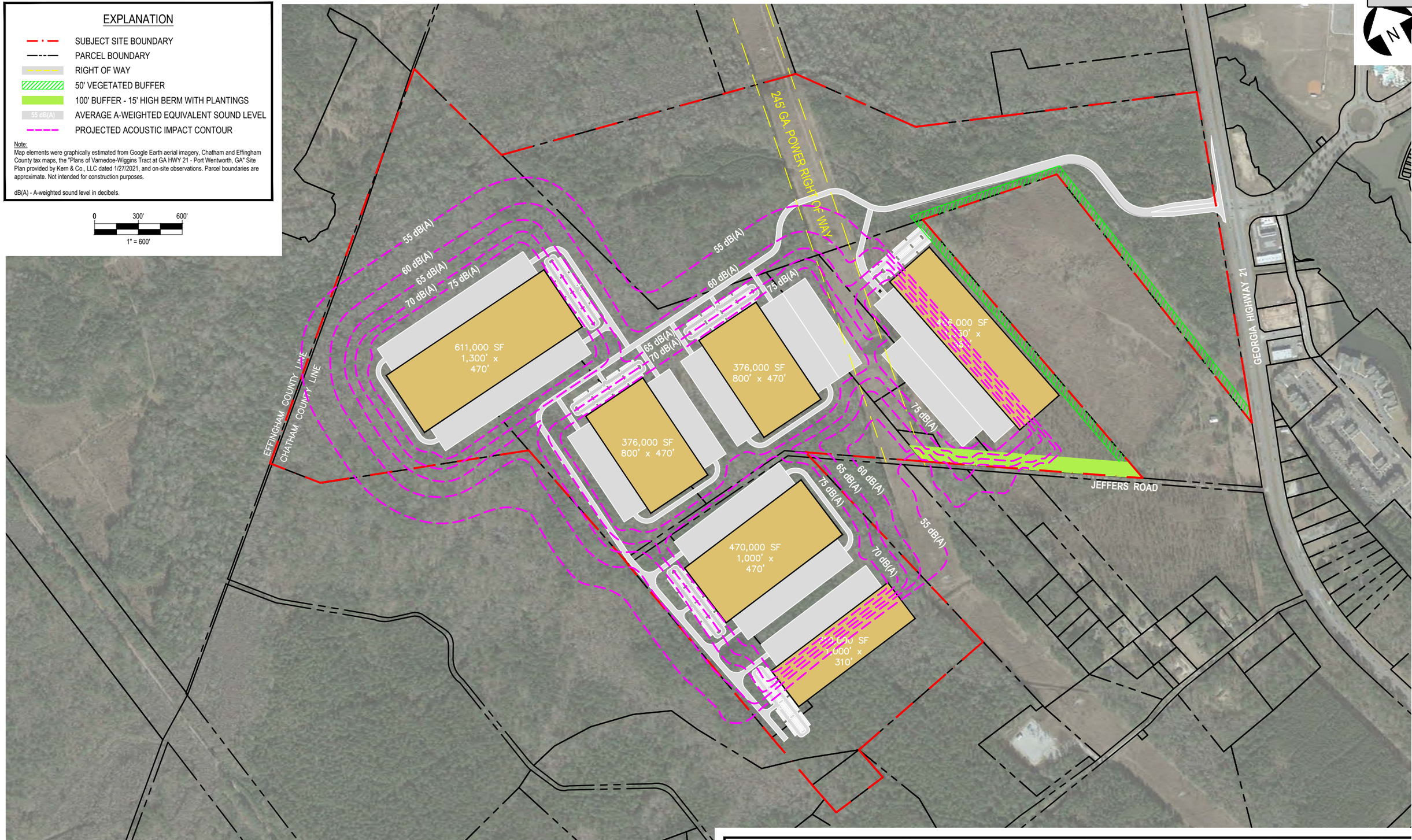
EXPLANATION

- SUBJECT SITE BOUNDARY
- PARCEL BOUNDARY
- RIGHT OF WAY
- 50' VEGETATED BUFFER
- 100' BUFFER - 15' HIGH BERM WITH PLANTINGS
- 55 dB(A) AVERAGE A-WEIGHTED EQUIVALENT SOUND LEVEL
- PROJECTED ACOUSTIC IMPACT CONTOUR

Note:
Map elements were graphically estimated from Google Earth aerial imagery, Chatham and Effingham County tax maps, the "Plans of Varnedoe-Wiggins Tract at GA HWY 21 - Port Wentworth, GA" Site Plan provided by Kern & Co., LLC dated 1/27/2021, and on-site observations. Parcel boundaries are approximate. Not intended for construction purposes.

dB(A) - A-weighted sound level in decibels.

0 300' 600'
1" = 600'



Project Mngr:	LRM	Project No.	ES217065	Terracon Consulting Engineers & Scientists	PROJECTED SOUND LEVELS
Drawn By:	JDG	Scale:	AS SHOWN	2201 Rowland Avenue Savannah, Georgia 31404	Varnedoe-Wiggins Tract
Checked By:	LRM	File Name:	ES217065.dwg	Phone (912) 629 4000 Fax. (912) 629 4001	Georgia Highway 21
Approved By:	WSA	Date:	March 19, 2021		Port Wentworth, Chatham County, Georgia

Figur 4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

APPENDIX B

Field Documentation

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

VARNEDOE-WIGGINS TRACT NOISE STUDY

Terracon Project No. ES217065

LOCATION ID: M1

Latitude, Longitude: 32.215983°, -81.198786°

Location Description: Along eastern property boundary adjoining Augusta Road/Highway 21 right-of-way.

FIELD NOTES

SESSION A

- Measurement Date(s): March 17, 2021 to March 18, 2021
- Session Start Time: 1334 on March 17, 2021
- Session End Time: 1306 on March 18, 2021

OBSERVATIONS

- Location is closest to Augusta Road/Highway 21 and represents existing noise experienced by receivers along the roadway.
- Ambient noise is dominated by vehicular traffic on Augusta Road/Highway 21 including heavy trucks (tractor-trailers, dump trucks, etc.), buses (school and public transportation), light trucks, passenger vehicles, and motorcycles. Occasional airplanes overhead.

EQUIPMENT AND DATA COLLECTION

Sound Level Meter Type 2, Quest Technologies SoundPro DL-2 (Meter No. 23423)
Noise measurements collected at 1-minute intervals.





Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

VARNEDOE-WIGGINS TRACT NOISE STUDY
Terracon Project No. ES217065

LOCATION ID: M2

Latitude, Longitude: 32.212770°, -81.204351°
Location Description: Along southern property boundary with Jeffers Road.

FIELD NOTES

SESSION A

- Measurement Date(s): March 15, 2021 to March 16, 2021
- Session Start Time: 1148 on March 15, 2021
- Session End Time: 1220 on March 16, 2021

OBSERVATIONS

- Ambient noise consists of vehicular traffic from Augusta Road/Highway 21 including heavy trucks (tractor-trailers, dump trucks, etc.), buses (school and public transportation), light trucks, passenger vehicles, and motorcycles; occasional vehicles traveling along Jeffers Road; wildlife (insects, birds, frogs); and aircraft passing overhead.

EQUIPMENT AND DATA COLLECTION

Sound Level Meter Type 2, Quest Technologies SoundPro DL-2 (Meter No. 23423)
Noise measurements collected at 1-minute intervals.





Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

GITC CHATHAM PARCEL NOISE STUDY
Terracon Project No. ES207015

LOCATION ID: M4

Latitude, Longitude: 32.222065, -81.205707
Location Description: Near southeastern-most property corner where the overhead transmission line easement access road dead ends at Black Creek.

FIELD NOTES

SESSION A

- Measurement Date(s): August 6, 2020 to August 7, 2020
- Session Start Time: 1017 on August 6, 2020
- Session End Time: 0941 on August 7, 2020

OBSERVATIONS

- Ambient noise included wildlife (insects, birds, frogs, gator barks); and occasional jet, airplane, and helicopters overhead.
- There were thunderstorms on-site and in the surrounding area from approximately 1651 to 1903 on August 6, 2020 and overnight from 2059 on August 6, 2020 to 0003 on August 7, 2020.

EQUIPMENT AND DATA COLLECTION

Sound Level Meter Type 2, Quest Technologies SoundPro DL-2 (Meter No. 35597)
Noise measurements collected at 1-minute intervals.



Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

GITC CHATHAM PARCEL NOISE STUDY
Terracon Project No. ES207015

LOCATION ID: M5

Latitude, Longitude: 32.225899, -81.212235
Location Description: Within the wooded southwestern property corner near the adjoining property stormwater retention pond outfall and access road.

FIELD NOTES

SESSION A

- Measurement Date(s): August 6, 2020 to August 7, 2020
- Session Start Time: 1000 on August 6, 2020
- Session End Time: 0921 on August 7, 2020

OBSERVATIONS

- Ambient noise included wildlife (insects, birds, frogs); occasional jet, airplane, and helicopters overhead; construction equipment occasionally passing on the access road; and water flowing into the surrounding wetlands from the adjoining stormwater retention pond outfall.
- There were thunderstorms on-site and in the surrounding area from approximately 1651 to 1847 on August 6, 2020 and overnight from 2101 on August 6, 2020 to 0338 on August 7, 2020.

EQUIPMENT AND DATA COLLECTION

Sound Level Meter Type 2, Quest Technologies SoundPro DL-2 (Meter No. 35598)
Noise measurements collected at 1-minute intervals.





Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

APPENDIX C

Sound Level Meter Session Reports

Location M1: Session Report #1

Meter No. 23423
3/17/2021

Information Panel

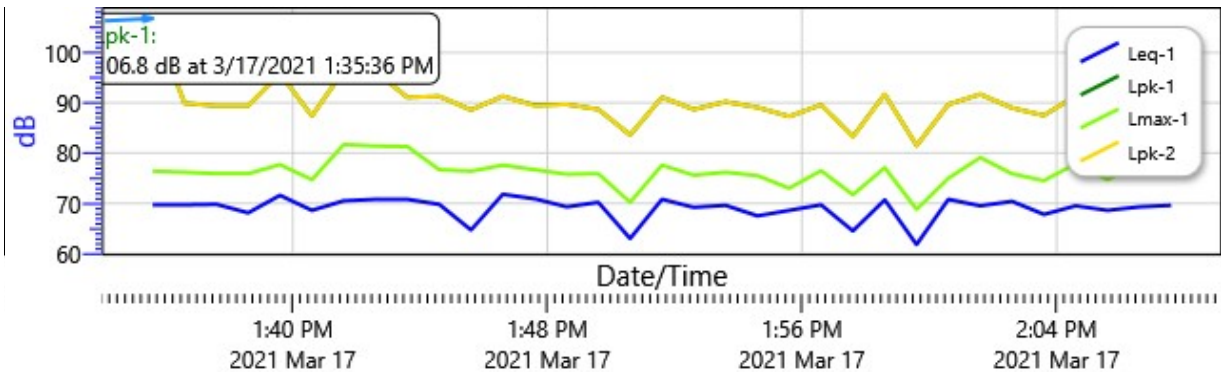
Name	S299_BLM060003_18032021_150104
Start Time	3/17/2021 1:34:34 PM
Stop Time	3/17/2021 2:07:49 PM
Device Name	BLM060003
Model Type	SoundPro DL
Device Firmware Rev	R.13H
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	69.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Logged Data Chart

S299_BLM060003_18032021_150104: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/17/2021 1:35:36 PM	69.7	76.4	62.7	106.8
1:36:36 PM	69.7	76.2	59.8	89.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:37:36 PM	69.8	75.9	54.4	89.4
1:38:36 PM	68.1	75.9	50.8	89.4
1:39:36 PM	71.6	77.7	60.7	95.8
1:40:36 PM	68.6	74.7	60.1	87.4
1:41:36 PM	70.5	81.7	52.3	96.4
1:42:36 PM	70.8	81.4	62.9	96.2
1:43:36 PM	70.8	81.3	57.4	91.1
1:44:36 PM	69.8	76.7	60.3	91.3
1:45:36 PM	64.7	76.4	47	88.6
1:46:36 PM	71.8	77.6	49.6	91.3
1:47:36 PM	70.9	76.7	60.6	89.5
1:48:36 PM	69.3	75.8	61.7	89.7
1:49:36 PM	70.2	75.9	59.1	88.7
1:50:36 PM	63	70.2	49.1	83.6
1:51:36 PM	70.8	77.6	62.1	91.1
1:52:36 PM	69.2	75.6	58.8	88.7
1:53:36 PM	69.6	76.2	57.2	90.2
1:54:36 PM	67.5	75.5	54.5	89.1
1:55:36 PM	68.6	73	61.2	87.3
1:56:36 PM	69.7	76.5	58.6	89.6
1:57:36 PM	64.5	71.7	56.3	83.3
1:58:36 PM	70.7	77.1	57.8	91.7
1:59:36 PM	61.8	68.8	52.4	81.5
2:00:36 PM	70.8	75	65.7	89.7
2:01:36 PM	69.5	79.1	58	91.7
2:02:36 PM	70.4	75.9	64	89
2:03:36 PM	67.8	74.5	61.5	87.5
2:04:36 PM	69.5	77.9	59.2	91.4
2:05:36 PM	68.6	74.7	57.4	88.5
2:06:36 PM	69.3	78	55.5	92.1
2:07:36 PM	69.6	76.8	61	89.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Location M1: Session Report No. 2

Meter No. 23423
3/17/2021

Information Panel

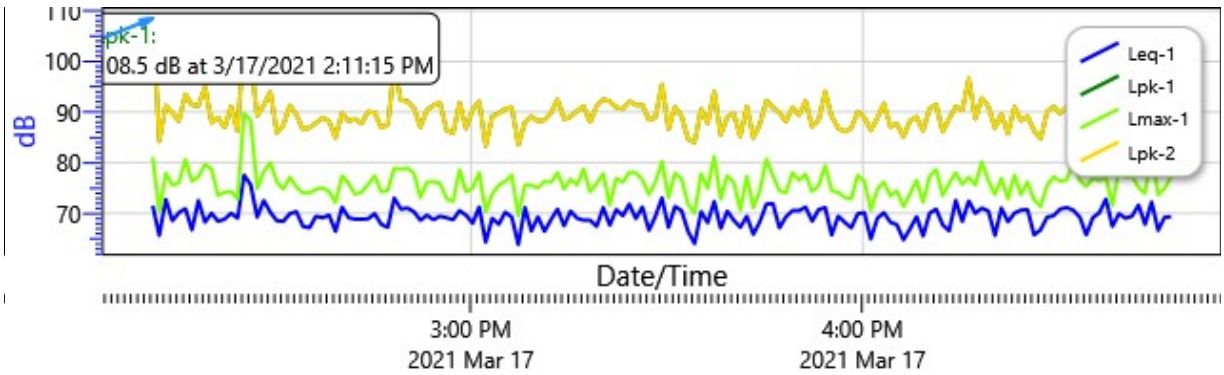
Name	S300_BLM060003_18032021_150105
Start Time	3/17/2021 2:10:15 PM
Stop Time	3/17/2021 4:47:31 PM
Device Name	BLM060003
Model Type	SoundPro DL
Device Firmware Rev	R.13H
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	69.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Logged Data Chart

S300_BLM060003_18032021_150105: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/17/2021 2:11:15 PM	71.5	81.1	62.6	108.5
2:12:15 PM	65.6	70.2	54	84.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:13:15 PM	72.7	77.9	60.7	91.3
2:14:15 PM	68.5	75.5	56.2	89.8
2:15:15 PM	70.1	76	56.1	88.2
2:16:15 PM	70.9	80.6	58.5	93.5
2:17:15 PM	66.7	76.3	60.7	91.4
2:18:15 PM	72.5	77.2	60.8	91.2
2:19:15 PM	68.2	79.6	57.4	95
2:20:15 PM	70	78.7	60.1	87.9
2:21:15 PM	68.4	73.5	56.1	88.9
2:22:15 PM	68.8	74.1	59.9	86.9
2:23:15 PM	70	74.3	64.7	91.1
2:24:15 PM	69	72.8	62.2	86.2
2:25:15 PM	77.5	89.7	59.1	105.2
2:26:15 PM	75.6	88.3	62	100
2:27:15 PM	69.2	74.9	62.2	89.3
2:28:15 PM	72.5	78.2	65.5	91.3
2:29:15 PM	70.2	80	59.9	94
2:30:15 PM	68.5	76.2	59.4	85.9
2:31:15 PM	68.4	74.8	57.6	87.4
2:32:15 PM	69.9	77.1	60.4	91.3
2:33:15 PM	70.3	75.2	59.5	89.5
2:34:15 PM	67.4	74	57.8	86.5
2:35:15 PM	67.1	74	55.4	86.9
2:36:15 PM	69.4	74.7	61.2	87.8
2:37:15 PM	69.1	75	57.1	88.9
2:38:15 PM	69.6	74.3	61.4	88.2
2:39:15 PM	66.4	72.1	56.5	84.9
2:40:15 PM	71.2	77.4	64.6	89.8
2:41:15 PM	69.1	75.9	59.9	88.2
2:42:15 PM	68.8	73.7	62.1	88.6
2:43:15 PM	68.8	74.2	62.2	87.7
2:44:15 PM	68.9	75.7	61.9	90.1
2:45:15 PM	69.9	77.4	59.9	89.9
2:46:15 PM	67.8	74.2	56.9	86.9
2:47:15 PM	67.2	74.5	56.8	87.5
2:48:15 PM	73	78.9	63.3	99
2:49:15 PM	70.8	78.7	56.8	92.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:50:15 PM	71	78.9	53.7	92.1
2:51:15 PM	70.3	77.9	55.2	90.8
2:52:15 PM	68.6	73.1	58.6	87
2:53:15 PM	69.6	76.1	59.5	90.4
2:54:15 PM	68.7	76.2	60.1	91.3
2:55:15 PM	69.4	75.9	61.2	91.9
2:56:15 PM	69.1	72.9	62.4	86.4
2:57:15 PM	68.7	72.3	60.2	85.8
2:58:15 PM	70.5	78.6	54.4	91.8
2:59:15 PM	69.6	74.2	57.9	86.7
3:00:15 PM	68	75	52.7	90.5
3:01:15 PM	71.2	78	52.9	92.1
3:02:15 PM	64.3	70.3	51.2	83.3
3:03:15 PM	69	73.8	56.9	89.2
3:04:15 PM	67.8	75.5	58.3	89.7
3:05:15 PM	70.2	76.3	58.2	90.6
3:06:15 PM	69.2	77.5	57.9	90.9
3:07:15 PM	63.8	69.5	50.9	83.5
3:08:15 PM	71.1	75.6	61.5	88
3:09:15 PM	66.5	75.5	58.6	89.1
3:10:15 PM	69.3	75	60.2	88.2
3:11:15 PM	66.4	76.3	46.4	88.4
3:12:15 PM	68.7	76.1	60.5	89.8
3:13:15 PM	70.8	78	60.9	92.5
3:14:15 PM	67.5	74.8	51.8	88.6
3:15:15 PM	70.4	76.7	64.6	89.1
3:16:15 PM	69	75.6	61.8	90.2
3:17:15 PM	68.6	78.7	59	91.1
3:18:15 PM	68.6	74.2	62.6	88
3:19:15 PM	67.4	75.9	59.4	91.2
3:20:15 PM	71.1	77.8	62.9	92.5
3:21:15 PM	67.6	71.6	62.5	92.1
3:22:15 PM	70.7	76.9	63	90.9
3:23:15 PM	69.5	76.1	63.3	90.6
3:24:15 PM	71.8	78.1	61.2	92.1
3:25:15 PM	68.9	78	56.5	91.4
3:26:15 PM	71.2	76.6	63.4	91.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:27:15 PM	66.6	73.7	53.2	88.4
3:28:15 PM	69.4	76.1	61.5	88.9
3:29:15 PM	73	80.2	60.2	95.4
3:30:15 PM	67.2	73.1	52.1	86.6
3:31:15 PM	71.3	77.9	58.2	91
3:32:15 PM	70.5	76.8	55.6	89.2
3:33:15 PM	66.4	71.8	56.9	84.6
3:34:15 PM	64	70	55.9	84
3:35:15 PM	70.3	77.8	63.7	90.6
3:36:15 PM	68.1	74.9	57	87.8
3:37:15 PM	72.3	81.2	66.4	94
3:38:15 PM	67	72.8	58.6	85.5
3:39:15 PM	70.4	77.4	61.5	89
3:40:15 PM	68.6	76.1	60.5	89.7
3:41:15 PM	67.2	70.7	60.6	85.2
3:42:15 PM	69.4	77.3	62.7	91.1
3:43:15 PM	65.8	71.1	56.5	84.9
3:44:15 PM	68.3	74.4	52.3	87.6
3:45:15 PM	71.8	80.7	63.5	92.3
3:46:15 PM	71.9	77.4	65.1	90.9
3:47:15 PM	67.1	74.4	57.3	89.8
3:48:15 PM	69.3	74.1	60.3	88.1
3:49:15 PM	70.5	78	61.3	90.9
3:50:15 PM	70.5	76.5	62.4	89.4
3:51:15 PM	71.2	77.7	66.9	92.2
3:52:15 PM	68.4	74.3	61.8	87.1
3:53:15 PM	70.7	75.4	65.7	88.4
3:54:15 PM	71.1	79.4	62.6	94
3:55:15 PM	65.7	74.5	52.5	89.1
3:56:15 PM	69.4	74.1	61.7	86.8
3:57:15 PM	68.2	73.1	60.1	86.1
3:58:15 PM	67.1	72.8	58.4	86.8
3:59:15 PM	69.9	77.5	61.9	90.1
4:00:15 PM	70.1	76.3	58.2	88.9
4:01:15 PM	64.9	70.6	52.4	86.4
4:02:15 PM	69	74.7	55.2	88.8
4:03:15 PM	70.1	76.2	63.1	91.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:04:15 PM	68.2	73.4	62.4	87.1
4:05:15 PM	67.7	74.4	58.8	87.7
4:06:15 PM	64.7	71.3	56.2	85.1
4:07:15 PM	66.9	73.8	52.2	88.3
4:08:15 PM	69.3	76.5	63.5	89
4:09:15 PM	65.5	72.2	58.4	86.3
4:10:15 PM	70	77.3	63.6	90.7
4:11:15 PM	70.8	78.6	58.1	91.5
4:12:15 PM	67.7	73.5	59.5	86.1
4:13:15 PM	66.5	75.9	55.1	88.7
4:14:15 PM	72.5	78	64.7	91.1
4:15:15 PM	68.4	75.7	61	90.3
4:16:15 PM	72.4	77.1	63.6	96.6
4:17:15 PM	70	75.6	62.5	88.7
4:18:15 PM	71	80.1	61.8	92.8
4:19:15 PM	70.4	76.5	61.4	91.1
4:20:15 PM	65.6	73.7	54.5	86.8
4:21:15 PM	71	76.9	63.1	89.6
4:22:15 PM	68.3	72.8	59.7	85.7
4:23:15 PM	70	77.5	61.4	91
4:24:15 PM	70.6	73.7	65.9	88.3
4:25:15 PM	70.7	76.2	64.4	89.1
4:26:15 PM	65.7	72.7	56	86.3
4:27:15 PM	66.7	71.3	60.3	84.7
4:28:15 PM	69.2	75.5	60.2	90.1
4:29:15 PM	69.5	77.2	62.2	91.1
4:30:15 PM	70.8	76.3	61	89.7
4:31:15 PM	71.1	76.6	62.9	91
4:32:15 PM	70.6	80.2	61.4	93.3
4:33:15 PM	69.2	76.5	63.3	91.9
4:34:15 PM	65.7	75.3	50.4	87.2
4:35:15 PM	69.1	76.9	55.7	89.8
4:36:15 PM	70.1	76.5	59.1	90.4
4:37:15 PM	72.8	77.1	65.5	90.8
4:38:15 PM	67.4	71.6	60.3	86.5
4:39:15 PM	69.9	78.7	63.2	94
4:40:15 PM	69	77.1	63.7	90.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:41:15 PM	69.4	77.3	61.8	89.4
4:42:15 PM	71.6	75.1	62.5	89.7
4:43:15 PM	67.8	73.9	60.7	87.3
4:44:15 PM	72.2	82.4	62.6	97.9
4:45:15 PM	66.6	73.6	60.2	85.9
4:46:15 PM	69.2	74.9	63.3	88.7
4:47:15 PM	69.3	77.2	62.9	90.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Location M1: Session Report No. 3

Meter No. 23423
3/17-18/2021

Information Panel

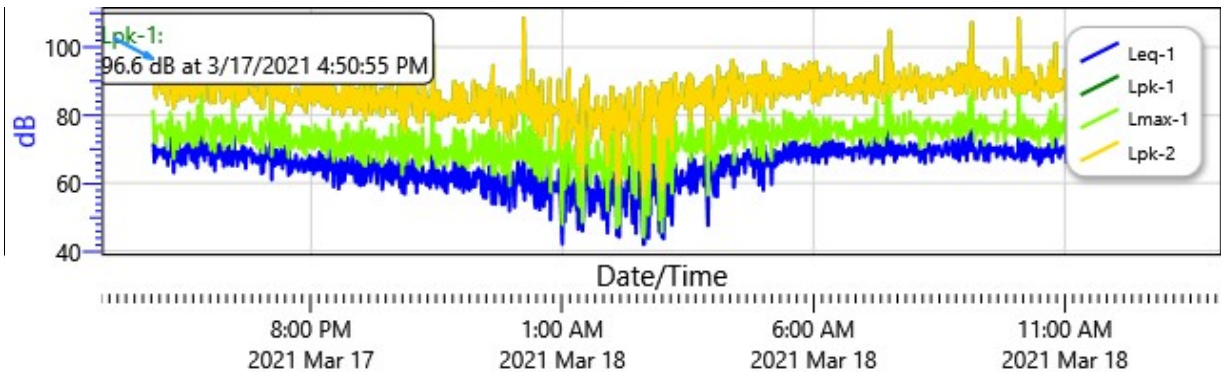
Name	S301_BLM060003_18032021_150106
Start Time	3/17/2021 4:49:55 PM
Stop Time	3/18/2021 1:07:49 PM
Device Name	BLM060003
Model Type	SoundPro DL
Device Firmware Rev	R.13H
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	67.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Logged Data Chart

S301_BLM060003_18032021_150106: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/17/2021 4:50:55 PM	70.9	81.6	53.8	96.6
4:51:55 PM	71.4	79.3	63.6	108.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:52:55 PM	66.1	72.1	57.4	86.6
4:53:55 PM	70.7	74.8	64.3	89.3
4:54:55 PM	67.4	71.9	62.2	85.2
4:55:55 PM	68	76.1	57.4	88.8
4:56:55 PM	68.5	76.9	62.7	89.6
4:57:55 PM	69.8	76.5	61.9	89.2
4:58:55 PM	69	76.5	61.9	89.4
4:59:55 PM	68.6	76.2	61.8	89.9
5:00:55 PM	69.6	77.4	61.3	90.2
5:01:55 PM	68.8	74.8	63.4	86.7
5:02:55 PM	70.1	75.2	64.6	89.9
5:03:55 PM	67.5	74.6	60.2	88.2
5:04:55 PM	70	75.1	66.1	88.6
5:05:55 PM	69.3	74.7	63.4	88.4
5:06:55 PM	67.3	72.3	53.6	84.7
5:07:55 PM	72.2	78.3	64.5	91.5
5:08:55 PM	65.2	69.9	55.5	83.3
5:09:55 PM	71.3	77.3	60.9	89.5
5:10:55 PM	69.7	74	60.4	88.1
5:11:55 PM	68.8	80.8	55	92.5
5:12:55 PM	73.9	79.6	68.7	92.8
5:13:55 PM	67.6	76.1	54.5	90.5
5:14:55 PM	71.5	75	64.6	88.3
5:15:55 PM	63.1	67.2	58.4	82.2
5:16:55 PM	68.9	75.7	58	90.2
5:17:55 PM	69.5	76.4	63.8	100.7
5:18:55 PM	69.4	75.5	62.9	88
5:19:55 PM	69.4	75.7	59.8	88.5
5:20:55 PM	66.3	70.1	60.5	84.2
5:21:55 PM	72	78	65.6	96.3
5:22:55 PM	67.8	73.8	59.4	89.2
5:23:55 PM	69.2	76.3	54.7	89.9
5:24:55 PM	65.3	72.3	55.6	86.6
5:25:55 PM	69.8	74.8	61.5	87.3
5:26:55 PM	67.3	71.9	59.1	85.1
5:27:55 PM	68.1	73.2	59.4	89.1
5:28:55 PM	70.2	74.5	62.1	87.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:29:55 PM	65.5	72.4	58.1	85.8
5:30:55 PM	71.1	75.1	60.3	88.7
5:31:55 PM	68.8	72.8	63.2	86
5:32:55 PM	70.4	80.3	56	95.8
5:33:55 PM	71.7	80.7	61.8	96.8
5:34:55 PM	70.1	75	61.5	87.8
5:35:55 PM	70.2	76.6	61.6	91.1
5:36:55 PM	66.9	71.7	62.9	84.1
5:37:55 PM	70.7	77.1	60.6	91
5:38:55 PM	66.6	70.6	61.3	84.2
5:39:55 PM	71.5	78.3	63.9	91.7
5:40:55 PM	66	75	58.7	88
5:41:55 PM	69.8	74.8	62.1	89.3
5:42:55 PM	69.4	75.9	60.4	89.7
5:43:55 PM	64.5	71.1	51.1	85.3
5:44:55 PM	73	82.7	65	100.2
5:45:55 PM	68	72.8	59.6	86.4
5:46:55 PM	71	75.3	60.3	88
5:47:55 PM	71.5	76.9	66.5	90.3
5:48:55 PM	75.7	88.9	61.6	108.5
5:49:55 PM	70	74.4	64.9	88.3
5:50:55 PM	68	74.9	60.7	87.4
5:51:55 PM	70.8	75.2	64.9	88.4
5:52:55 PM	66.6	72.1	60	84.4
5:53:55 PM	70.2	78.7	60.9	92.5
5:54:55 PM	71.6	77.6	58	91.7
5:55:55 PM	68.5	78.3	60.8	91.8
5:56:55 PM	70.8	77.3	63.2	90.9
5:57:55 PM	68.8	76.9	59.3	90.7
5:58:55 PM	69.8	75.6	58.8	88.1
5:59:55 PM	65.3	69.8	58.4	83.6
6:00:55 PM	69.3	75.1	62.3	87.9
6:01:55 PM	67	72.5	55.2	86
6:02:55 PM	67.6	74.1	59.6	87.4
6:03:55 PM	72.2	79	65.1	100.8
6:04:55 PM	63.6	69.2	52.1	83.8
6:05:55 PM	71.3	79.4	63.5	93.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:06:55 PM	68.4	76	57.6	90.6
6:07:55 PM	69.9	79	63.4	91.5
6:08:55 PM	67.4	74.5	60.7	87.5
6:09:55 PM	69.4	77.8	59.7	89.9
6:10:55 PM	71.6	76.1	66.1	88.9
6:11:55 PM	69.3	75.7	63.9	89.6
6:12:55 PM	69.8	79.9	60.8	91.4
6:13:55 PM	66.8	71.7	62.4	83.8
6:14:55 PM	70.5	78.3	61.9	92.3
6:15:55 PM	64.9	69.9	56.8	84.2
6:16:55 PM	68.8	74.9	62.3	87.9
6:17:55 PM	68.9	74.7	61.3	87.7
6:18:55 PM	67.5	72.4	57.6	86.8
6:19:55 PM	70.4	77.2	62.6	91
6:20:55 PM	65.4	72.3	56.9	85.3
6:21:55 PM	69.7	75.6	64.5	87.9
6:22:55 PM	71	77.1	63.4	91.6
6:23:55 PM	67.9	75.9	59.2	89.2
6:24:55 PM	68.3	73.6	62	86.2
6:25:55 PM	65.1	70.2	54	83.8
6:26:55 PM	75.4	88	64.5	103.1
6:27:55 PM	68.7	74.6	56.7	87.5
6:28:55 PM	67.6	74.8	54.5	88.4
6:29:55 PM	68.5	78.4	61.7	93
6:30:55 PM	69	75.2	61.4	89.1
6:31:55 PM	65.1	74.5	55.5	82.8
6:32:55 PM	69.2	72.7	63.8	85.9
6:33:55 PM	69	75.1	62.2	92.2
6:34:55 PM	67	74.3	57.5	86.8
6:35:55 PM	68.3	71.5	63.2	84.3
6:36:55 PM	68.2	75.6	58.2	89.9
6:37:55 PM	71	77.2	61.3	91.4
6:38:55 PM	66.3	72.1	54.7	84.9
6:39:55 PM	67.6	75.7	54.5	87.7
6:40:55 PM	70.5	77.5	60.5	90.7
6:41:55 PM	64.3	72.3	52.2	85.2
6:42:55 PM	68.6	73.5	58.6	86.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:43:55 PM	69.4	75.9	63	88.9
6:44:55 PM	68.4	75.8	57.2	88.7
6:45:55 PM	68.2	75.1	62.3	89
6:46:55 PM	69.3	79.6	57	91.8
6:47:55 PM	70.1	76.7	53.8	90.3
6:48:55 PM	68.1	74.3	56.2	86.5
6:49:55 PM	66	73.1	50.6	86.2
6:50:55 PM	67.9	71.8	63.4	85.4
6:51:55 PM	68.7	73.9	62.8	87
6:52:55 PM	68.1	74.7	59.1	88.2
6:53:55 PM	66.8	73.8	57.7	87.7
6:54:55 PM	66.3	70.4	54.8	83.9
6:55:55 PM	65.8	73	59	85.9
6:56:55 PM	67.7	71.7	59.8	84.5
6:57:55 PM	66.9	71.8	59.7	84.9
6:58:55 PM	66.6	73.7	53.7	86.1
6:59:55 PM	69.9	78	61.1	92.5
7:00:55 PM	62.8	69.1	51.7	82.1
7:01:55 PM	68.9	75	57.5	89.6
7:02:55 PM	63.2	69	53	82.3
7:03:55 PM	71.4	76.3	59.7	89.9
7:04:55 PM	66.3	75.9	56.6	88.4
7:05:55 PM	70.5	79.1	59.8	94.5
7:06:55 PM	67.4	76.6	54.1	91.1
7:07:55 PM	68.1	77	59.3	90.7
7:08:55 PM	67.6	73.9	56.4	88.5
7:09:55 PM	67.8	72.6	58.1	86
7:10:55 PM	66.6	75.8	57.3	90.3
7:11:55 PM	74.8	88.4	62.5	101.5
7:12:55 PM	61	68	45.5	81.5
7:13:55 PM	71.6	81.1	61.2	98.5
7:14:55 PM	68.2	75	52.6	88.9
7:15:55 PM	66.5	72.1	55.3	86.9
7:16:55 PM	65.1	71	54.9	85.2
7:17:55 PM	68.5	77.3	59.4	90.6
7:18:55 PM	69.7	77.7	55.7	91.3
7:19:55 PM	68.7	73	61.9	87

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:20:55 PM	65.6	74.5	55.9	87.7
7:21:55 PM	66	70.7	57.1	84.3
7:22:55 PM	68.1	76.1	58.9	89
7:23:55 PM	65.8	72.4	56.7	87.3
7:24:55 PM	71.8	79	64.3	92.6
7:25:55 PM	64.3	70.4	56.2	84
7:26:55 PM	69.4	75.6	63.1	89.5
7:27:55 PM	70.8	80.3	55.7	100.3
7:28:55 PM	66.2	72.5	53.3	85.5
7:29:55 PM	69	76.2	59.8	90.1
7:30:55 PM	65.9	72.1	53.5	83.7
7:31:55 PM	68.3	74.9	58.7	86.2
7:32:55 PM	62.3	67.6	53.3	80.5
7:33:55 PM	69.5	77.1	57.3	88.6
7:34:55 PM	62.8	72.7	48.6	81.3
7:35:55 PM	65.8	73.1	50.8	85.6
7:36:55 PM	63.4	71.4	44.4	85.6
7:37:55 PM	66.3	70.3	58.1	83.1
7:38:55 PM	66.2	71.8	52.8	84.8
7:39:55 PM	66.7	71.4	56.3	84.3
7:40:55 PM	64.7	73.4	50.7	87.1
7:41:55 PM	68.3	74.2	57.7	87.9
7:42:55 PM	65.6	73.8	52.2	86.5
7:43:55 PM	65.8	72.6	55.5	84.7
7:44:55 PM	63.6	70.2	48.2	83.5
7:45:55 PM	65.3	70.2	54.1	83.3
7:46:55 PM	66.1	71.7	53.4	85.2
7:47:55 PM	65.8	70.5	53.6	84.3
7:48:55 PM	67.1	73.3	53.8	86.2
7:49:55 PM	66.1	76.8	52.2	89.6
7:50:55 PM	63.3	68.9	47.6	82.4
7:51:55 PM	66.1	70.2	57	84.5
7:52:55 PM	63.5	69.3	51.9	83
7:53:55 PM	63.6	68.1	56	81
7:54:55 PM	66.7	76.5	52.6	89.6
7:55:55 PM	66.3	71.6	55.8	84.4
7:56:55 PM	65.9	74.9	48.3	89

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:57:55 PM	68.1	76.1	47.8	90
7:58:55 PM	63.9	70.5	48.4	84.1
7:59:55 PM	67.3	72.7	55.9	85.4
8:00:55 PM	64.6	74.3	53.8	88.4
8:01:55 PM	67.3	73	54.6	86.7
8:02:55 PM	62.7	72.9	48.9	83
8:03:55 PM	65	70	50.6	83.2
8:04:55 PM	67.1	77.2	47.3	89.4
8:05:55 PM	65.8	72	55.2	85.4
8:06:55 PM	65.8	74.2	54.7	86.8
8:07:55 PM	63.7	70.9	51.5	84.5
8:08:55 PM	66.4	75.1	48.6	90.2
8:09:55 PM	69.1	76	51.1	89.8
8:10:55 PM	67.8	75.4	56.5	88.8
8:11:55 PM	63.9	71.7	50.9	83.8
8:12:55 PM	64.4	69.5	52.9	82.9
8:13:55 PM	68.1	73.9	62.5	86.1
8:14:55 PM	61.8	69.9	49.5	83.2
8:15:55 PM	66.9	75	52.8	90.1
8:16:55 PM	63.9	71.5	50.6	84.6
8:17:55 PM	66.1	73.1	57.2	86.9
8:18:55 PM	60.8	67.7	52.6	82.2
8:19:55 PM	64.7	71.5	54.7	83.7
8:20:55 PM	69.8	78.6	58.3	92.2
8:21:55 PM	66	71.9	56.8	84.9
8:22:55 PM	63.8	70.6	52.5	83.2
8:23:55 PM	65	74.2	54.4	88.7
8:24:55 PM	64.6	72.9	52.8	85.8
8:25:55 PM	67.3	75.1	55.8	87.4
8:26:55 PM	58.9	66.4	47.9	80.5
8:27:55 PM	67.6	74.5	55.6	88
8:28:55 PM	62.8	69.2	50.1	83.2
8:29:55 PM	66.2	71.1	51	85.5
8:30:55 PM	65.4	69.7	55	82.1
8:31:55 PM	63.7	68.4	51.4	82.4
8:32:55 PM	58.3	67.8	47.2	82
8:33:55 PM	65.4	72	53.3	86

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:34:55 PM	63.5	71.6	48	84.1
8:35:55 PM	67.1	71.3	56.5	85.8
8:36:55 PM	60.1	67.6	48.2	80
8:37:55 PM	67	75.4	54.1	90.8
8:38:55 PM	64.8	68.6	54.6	82.2
8:39:55 PM	60.7	66.9	48.3	81.2
8:40:55 PM	63.9	70.8	49.9	86
8:41:55 PM	66.5	77.3	54.2	90.1
8:42:55 PM	66.4	74.3	55.2	87.7
8:43:55 PM	67.4	77.3	53.7	90.6
8:44:55 PM	63.1	69.1	47.3	82.6
8:45:55 PM	64.7	69.6	59.3	83.9
8:46:55 PM	64.8	69.4	57.6	83.8
8:47:55 PM	62.8	69.3	48.1	82.7
8:48:55 PM	64.6	74.3	48.6	88.7
8:49:55 PM	68.1	75.1	60.9	88.2
8:50:55 PM	64.7	71.3	47.9	84.1
8:51:55 PM	62.2	68.3	50.4	80.5
8:52:55 PM	60.3	67.6	47.3	80.6
8:53:55 PM	64.8	70.9	59	83.5
8:54:55 PM	64.4	74.7	46.9	87.6
8:55:55 PM	66.5	72.1	56.4	85.5
8:56:55 PM	59.6	67.5	45.5	81.4
8:57:55 PM	65.5	73.5	52.1	87.1
8:58:55 PM	59.3	66.4	46.7	82.5
8:59:55 PM	68.6	78.2	50.7	91.1
9:00:55 PM	65.6	74.7	50.9	88
9:01:55 PM	64.4	69.7	50.9	83.2
9:02:55 PM	59.5	65.3	49.5	80.2
9:03:55 PM	64.5	69.7	55	84.1
9:04:55 PM	60.2	65.1	49.8	78.6
9:05:55 PM	65.8	75.3	57.1	87.6
9:06:55 PM	65.2	74.4	51.3	89.6
9:07:55 PM	62.6	71	49.3	84.6
9:08:55 PM	68	76	50.6	89.5
9:09:55 PM	63.9	70	52.5	84.8
9:10:55 PM	60.5	66.3	45.3	80.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:11:55 PM	63.3	73.4	49.1	84.9
9:12:55 PM	64	73.2	54.8	82
9:13:55 PM	67	74	58.6	87.7
9:14:55 PM	66.1	75.6	51.3	90.3
9:15:55 PM	65.8	69.8	56.2	83.1
9:16:55 PM	63.4	71.7	44.9	84.3
9:17:55 PM	62.1	66.8	51.6	81
9:18:55 PM	59.8	66.4	48.6	81.5
9:19:55 PM	66.5	72.6	58.1	85.8
9:20:55 PM	63.3	72.8	46	85.6
9:21:55 PM	63.2	70	48.9	83.3
9:22:55 PM	64.3	72.3	50.9	87.5
9:23:55 PM	63.7	70.7	53.1	85.2
9:24:55 PM	58.1	65.3	46.1	79.7
9:25:55 PM	60.8	66.5	51.1	80
9:26:55 PM	62.3	68.7	49.9	81.5
9:27:55 PM	65.4	73.6	56.7	87.3
9:28:55 PM	64.6	71.8	56	88.1
9:29:55 PM	65	73.1	56	86.6
9:30:55 PM	61.2	70.5	46.5	84.2
9:31:55 PM	60.9	70	47.1	82.8
9:32:55 PM	66.7	73.2	52.5	87.2
9:33:55 PM	60.5	68.9	51.3	82.6
9:34:55 PM	61.2	68.5	48.9	81.8
9:35:55 PM	69.2	77.2	56.8	92.3
9:36:55 PM	59.6	66.9	46.5	82.5
9:37:55 PM	61.5	67.6	52	80.5
9:38:55 PM	65.1	73.3	50.4	86.7
9:39:55 PM	63.4	69.5	51.8	83
9:40:55 PM	61.4	69.7	45	84.2
9:41:55 PM	64.5	71.9	50.5	84.3
9:42:55 PM	61.4	68.1	47.8	82.3
9:43:55 PM	62.3	68.5	50	81.5
9:44:55 PM	66.8	77.2	48.2	91.5
9:45:55 PM	58.7	66.4	44.8	79.2
9:46:55 PM	64.3	70.7	49.2	88
9:47:55 PM	66.4	72.9	52.1	86

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:48:55 PM	57.2	62.5	47.9	76.8
9:49:55 PM	67.4	76.1	53	89
9:50:55 PM	63.4	71	44.9	84.7
9:51:55 PM	56.8	65.5	44.4	75.1
9:52:55 PM	64.8	73.9	51.2	88.2
9:53:55 PM	67.6	75.9	52.7	88.3
9:54:55 PM	60	66.9	50.9	79.7
9:55:55 PM	61.3	69	48.8	82.8
9:56:55 PM	64.5	75.9	53	88.9
9:57:55 PM	64.9	73.8	50.1	87.2
9:58:55 PM	61.9	69.2	49.3	85
9:59:55 PM	61.2	72	45.3	84.2
10:00:55 PM	66.9	74.7	46.1	90
10:01:55 PM	62.6	73.2	49.4	87.5
10:02:55 PM	60.1	67.3	47.2	80.2
10:03:55 PM	62.3	69.1	45.3	83.6
10:04:55 PM	64.3	74.8	44.6	88.3
10:05:55 PM	57.2	65.7	45.4	80
10:06:55 PM	63.4	72.4	49.2	85.4
10:07:55 PM	60.5	64.4	52.8	78
10:08:55 PM	62.8	73.6	50.8	85.6
10:09:55 PM	62.5	72	46.2	85.1
10:10:55 PM	62.2	70.7	46.9	83.7
10:11:55 PM	60.1	65.4	46.8	77.9
10:12:55 PM	65	76.3	46.4	90.8
10:13:55 PM	62.8	70.3	46.4	90.3
10:14:55 PM	62.7	68.4	53.6	82.2
10:15:55 PM	61.8	68.7	50.4	87.6
10:16:55 PM	60.5	68.2	50.6	83.7
10:17:55 PM	59.4	67.1	42.5	82
10:18:55 PM	62.5	69.7	42.9	82.2
10:19:55 PM	59.9	66.6	46.5	80.4
10:20:55 PM	63.5	70.3	46.1	84.5
10:21:55 PM	58.6	68.5	44.3	81.8
10:22:55 PM	61.5	70.3	49.2	84.9
10:23:55 PM	65.4	73.2	54.3	86
10:24:55 PM	74.8	87.1	52.9	101.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:25:55 PM	61.9	71.4	47	84.1
10:26:55 PM	60.1	67.2	44.3	80.6
10:27:55 PM	61	66.9	47.8	80.8
10:28:55 PM	64.9	74.1	50.2	87.1
10:29:55 PM	58.6	64.6	47.9	78.6
10:30:55 PM	63.6	74.2	53	86.2
10:31:55 PM	63.8	72	46.1	84.2
10:32:55 PM	63.2	73.8	44.4	87
10:33:55 PM	61.1	68.1	45.8	82
10:34:55 PM	59.6	65.5	45.1	78.9
10:35:55 PM	62.6	69.9	45.4	83.8
10:36:55 PM	58.7	67.1	44.5	79.8
10:37:55 PM	58.9	67.4	46.1	80
10:38:55 PM	64.9	70.2	52.5	84.3
10:39:55 PM	57.7	69.2	44.5	83
10:40:55 PM	63	70.4	51.2	83.4
10:41:55 PM	57.1	64.9	48.6	79.7
10:42:55 PM	62.2	69.9	45.3	83.4
10:43:55 PM	60.6	69.8	44.9	82.9
10:44:55 PM	60.4	69.5	44.6	81.8
10:45:55 PM	62.7	69.5	51.7	81.4
10:46:55 PM	63.2	70.8	50.4	84
10:47:55 PM	60.6	67.1	49.2	80.8
10:48:55 PM	62.4	70.3	48	82.6
10:49:55 PM	62.4	70	46	83.8
10:50:55 PM	66.8	76.1	50.1	90
10:51:55 PM	59	66.7	47.3	80.3
10:52:55 PM	61.8	71.7	50.7	85.4
10:53:55 PM	65.2	75.3	45.4	88.8
10:54:55 PM	66.7	73.5	47.8	85.6
10:55:55 PM	60.6	66	45.5	80.9
10:56:55 PM	58.5	65.2	45.4	78
10:57:55 PM	62.4	72.3	50	84.9
10:58:55 PM	65.9	74.7	53.8	88.5
10:59:55 PM	61	69.1	47.6	81
11:00:55 PM	65.3	75.6	47.2	89.1
11:01:55 PM	57.3	65.5	45.3	79.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:02:55 PM	59.9	65.5	45.6	78
11:03:55 PM	64.4	73.2	48.9	86.8
11:04:55 PM	60.6	65.1	48.6	79.1
11:05:55 PM	59.2	66.4	48.9	80.8
11:06:55 PM	58.4	64.1	50	78.6
11:07:55 PM	63	68.8	51.5	83.1
11:08:55 PM	57.9	66.5	46.1	80.1
11:09:55 PM	59.5	66	43.5	80
11:10:55 PM	60.9	67.3	44.1	81
11:11:55 PM	58.7	69.7	44.8	83.6
11:12:55 PM	60.2	66.2	45.9	81.5
11:13:55 PM	63.1	75.6	44	90.1
11:14:55 PM	61.6	68.1	46.8	82.6
11:15:55 PM	58.9	68.3	45.6	81.6
11:16:55 PM	63.2	71.2	46.5	84.5
11:17:55 PM	61.4	70.3	49.4	84.4
11:18:55 PM	62	66.6	50.5	80.4
11:19:55 PM	64.4	74.4	51.2	88.8
11:20:55 PM	61.7	68.1	49.8	84.1
11:21:55 PM	62	73.3	50.4	86.8
11:22:55 PM	62.2	70.7	44.8	84.3
11:23:55 PM	56.9	68.5	46.6	78.2
11:24:55 PM	63.7	74	46	87.4
11:25:55 PM	55.7	64.3	45.5	78.3
11:26:55 PM	62.5	73.7	46.6	86.5
11:27:55 PM	58.5	65.8	48.1	79.7
11:28:55 PM	55.6	66	41.2	79.8
11:29:55 PM	61.6	74.3	41.1	86.9
11:30:55 PM	61.7	71.5	48.2	85.3
11:31:55 PM	58.3	66.7	47.3	82.3
11:32:55 PM	64.9	75.5	50.3	89
11:33:55 PM	60.3	71.1	47.1	83.4
11:34:55 PM	63.2	74.5	43.9	87.7
11:35:55 PM	53.9	62.5	44.3	76.9
11:36:55 PM	72	83.4	51.1	94.6
11:37:55 PM	58.6	67.3	42.3	81.1
11:38:55 PM	60.8	67.4	51.8	80.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:39:55 PM	53.8	62.4	46.6	75.8
11:40:55 PM	60.2	68.7	46	83.1
11:41:55 PM	62.6	72	47.5	85.1
11:42:55 PM	62.7	69.6	53.2	83.2
11:43:55 PM	62.2	74.9	42.6	88.1
11:44:55 PM	58.1	65.8	44.2	78.7
11:45:55 PM	56.8	66.8	42.8	81.2
11:46:55 PM	59.2	67.9	44.6	80.9
11:47:55 PM	53.7	63.4	42.7	79.3
11:48:55 PM	58.9	65.3	44	80.7
11:49:55 PM	62	73.8	44.9	87.7
11:50:55 PM	53.7	62.6	40.4	75
11:51:55 PM	56.6	62.7	44.6	75.6
11:52:55 PM	62.9	70.6	45.9	82.8
11:53:55 PM	62	71.4	45.7	84.5
11:54:55 PM	62	67.6	48.1	80.7
11:55:55 PM	57.9	69.2	42.6	82.6
11:56:55 PM	51.8	59.2	42.9	73.2
11:57:55 PM	60.8	70.9	42.7	83.7
11:58:55 PM	62	73.6	46.3	86.4
11:59:55 PM	58.3	67	46.6	80.9
3/18/2021 12:00:55 AM	63.2	71.9	43.3	84.6
12:01:55 AM	58.7	67.5	43	82
12:02:55 AM	52.9	67.1	41.9	76.5
12:03:55 AM	58.3	67.1	44.5	79.9
12:04:55 AM	60.4	68	48	81.6
12:05:55 AM	60.1	67.1	48.8	81.6
12:06:55 AM	66.2	74.9	55.6	88
12:07:55 AM	64	74.6	53.2	88.5
12:08:55 AM	61.8	67.8	51.2	82.5
12:09:55 AM	59.6	67.3	45.8	81.1
12:10:55 AM	61.6	67.6	49.9	81.3
12:11:55 AM	64.6	74.1	48.2	87
12:12:55 AM	57.5	67.1	45	80.9
12:13:55 AM	78.7	92.3	50.2	108.5
12:14:55 AM	55	66.6	43.7	82.3
12:15:55 AM	61.5	70.4	45.9	83.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:16:55 AM	60.4	67.6	47.7	82.2
12:17:55 AM	58.5	67.1	43.5	80.2
12:18:55 AM	57.9	66.2	44	80.8
12:19:55 AM	63.8	76.5	43.8	89.9
12:20:55 AM	61	66.8	53.2	80.2
12:21:55 AM	56.9	64.7	43.9	78.6
12:22:55 AM	58.4	65.1	45	78.9
12:23:55 AM	69.3	80.2	45.4	93.3
12:24:55 AM	59.1	71.9	43.1	81.1
12:25:55 AM	60.7	71.8	45.5	84.7
12:26:55 AM	54.4	62.7	45.5	75.8
12:27:55 AM	52.7	63	42.9	76.2
12:28:55 AM	64.7	74.3	45.2	88.3
12:29:55 AM	54.2	62.4	42.7	75.9
12:30:55 AM	60.7	72.4	45.6	86.2
12:31:55 AM	57.9	68.1	44.9	82.2
12:32:55 AM	52.1	60.7	43.6	73.2
12:33:55 AM	60.5	71.7	43.3	85.5
12:34:55 AM	63.8	76.6	44.5	90.1
12:35:55 AM	56.6	66.1	42.4	80
12:36:55 AM	55.1	66.1	41.5	79
12:37:55 AM	53.1	61	43	74.1
12:38:55 AM	57.6	65.9	42.8	79.8
12:39:55 AM	61.4	69.1	51.3	82.8
12:40:55 AM	55.3	65.8	42.8	80.6
12:41:55 AM	58.7	68.7	44.9	82.5
12:42:55 AM	59.9	67.7	46.9	82.2
12:43:55 AM	55.9	65.3	44.7	78.3
12:44:55 AM	66.5	78.9	49.1	90.7
12:45:55 AM	49.2	57.4	43.4	70.9
12:46:55 AM	58.6	67.5	44.4	83
12:47:55 AM	58.9	68	44.4	81.5
12:48:55 AM	58.9	69.3	45.1	82.1
12:49:55 AM	60.2	68.4	44.3	81.6
12:50:55 AM	58.3	67	45.3	80.7
12:51:55 AM	57.5	66.2	44.3	80.8
12:52:55 AM	58.5	67.6	42.1	81.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:53:55 AM	59.9	67.7	42.9	82.1
12:54:55 AM	57.6	70.2	41.6	83.9
12:55:55 AM	63.9	76.3	43.6	90.3
12:56:55 AM	60.4	71.8	41.4	85
12:57:55 AM	55.7	67.5	42.9	84.3
12:58:55 AM	55.4	63	41.5	76.2
12:59:55 AM	42.1	47.8	40.1	70.2
1:00:55 AM	60.5	71.1	45.2	83.4
1:01:55 AM	57.7	68.6	43.4	83.3
1:02:55 AM	48.6	58.4	40.7	72.4
1:03:55 AM	57.9	67.4	44.5	81.9
1:04:55 AM	62	71.2	43.6	84.2
1:05:55 AM	57	66.7	44.2	79.5
1:06:55 AM	61.8	73.8	44.4	89.4
1:07:55 AM	68	77.5	50.1	93.5
1:08:55 AM	51.7	59.7	44.6	72.7
1:09:55 AM	58.5	65.8	45.7	78.4
1:10:55 AM	53.4	65.1	43	79.2
1:11:55 AM	53.8	64.3	42.1	76.4
1:12:55 AM	59.9	68.3	41.5	82.5
1:13:55 AM	58.4	69.2	45.7	83
1:14:55 AM	61.1	70.8	42.5	84.5
1:15:55 AM	57.2	64.9	42.2	78.9
1:16:55 AM	52.2	60.3	44.2	74
1:17:55 AM	57.6	64.4	44.8	77.1
1:18:55 AM	46.4	53.7	42.6	65.9
1:19:55 AM	52.6	59.1	43.8	73.7
1:20:55 AM	47.5	53	45	66.2
1:21:55 AM	50.4	58	45	71.2
1:22:55 AM	62	74.3	43.5	87.7
1:23:55 AM	45.9	48.5	43.3	60.9
1:24:55 AM	50.6	59.9	42.9	73.2
1:25:55 AM	60	72.1	43.2	84.8
1:26:55 AM	63.5	75.7	46	88.9
1:27:55 AM	58.2	66.3	43.8	81.7
1:28:55 AM	65.2	75.5	44.8	91.3
1:29:55 AM	62	74.6	44.1	88.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:30:55 AM	61.7	71.4	44.8	83.9
1:31:55 AM	54.7	63.9	42.6	77.3
1:32:55 AM	50.5	59.6	41.5	72.2
1:33:55 AM	52.8	59.6	43.4	74.2
1:34:55 AM	56.6	66.8	42.8	81.7
1:35:55 AM	58	66.8	46.1	79.7
1:36:55 AM	53.5	64.2	43.2	79.9
1:37:55 AM	51.6	63.5	42.5	77.5
1:38:55 AM	56.7	66.2	43.3	80.5
1:39:55 AM	55	63.3	41.1	76.3
1:40:55 AM	62.1	71.1	48	84.7
1:41:55 AM	60.9	72.3	48	85.5
1:42:55 AM	54.9	66	43.5	79.8
1:43:55 AM	55.7	64.1	43.6	77.8
1:44:55 AM	60.3	68.2	43.7	82.1
1:45:55 AM	53.4	65.5	43.3	79.9
1:46:55 AM	56.3	65.7	43.5	78.8
1:47:55 AM	49.5	58.9	43	73
1:48:55 AM	56.1	65.2	44.9	79.2
1:49:55 AM	57.5	61.9	48.7	75.5
1:50:55 AM	61.5	72.6	45.7	85.2
1:51:55 AM	49.4	61.4	43.1	70.4
1:52:55 AM	57.4	65	45	78.9
1:53:55 AM	45.3	51.9	43.8	65.2
1:54:55 AM	57.1	66.1	43.4	81.4
1:55:55 AM	51.9	61	41.8	74.5
1:56:55 AM	56.3	65.4	42.8	78.1
1:57:55 AM	53.8	61.7	43	74.7
1:58:55 AM	60.9	73.9	42.3	88.3
1:59:55 AM	63	74.6	44.7	87.8
2:00:55 AM	57.8	66	44.7	81.4
2:01:55 AM	60.3	69.9	42.6	83.5
2:02:55 AM	53.4	64	43.5	75.8
2:03:55 AM	57.6	69.1	43.5	82.8
2:04:55 AM	44.6	46.9	43.6	59.6
2:05:55 AM	61.3	70.9	44.3	85
2:06:55 AM	58.7	68.7	45.4	81.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:07:55 AM	44.1	47.9	42.3	60.2
2:08:55 AM	54.8	67.3	43.4	80.6
2:09:55 AM	60.6	72.1	43.9	86
2:10:55 AM	53.1	62.7	44.4	75.8
2:11:55 AM	58.3	68.6	44.3	81.6
2:12:55 AM	57.5	66.8	44	80.1
2:13:55 AM	56.2	64.1	44.1	77.4
2:14:55 AM	53.8	62.7	43.4	75.7
2:15:55 AM	50.3	61.3	43.2	74.2
2:16:55 AM	59.2	67.8	44.6	80.8
2:17:55 AM	61.8	71	48.7	85.7
2:18:55 AM	64.7	74.5	44.1	87.8
2:19:55 AM	57.8	70.1	44.4	84.8
2:20:55 AM	58.9	72.1	42	86.3
2:21:55 AM	61	69.8	44.5	81.7
2:22:55 AM	52.1	64	42.6	79.1
2:23:55 AM	48.2	57.1	41.4	69.6
2:24:55 AM	59.9	69.7	42.4	82.5
2:25:55 AM	55.2	66.3	42.8	79.7
2:26:55 AM	56.9	67.9	41.1	82.5
2:27:55 AM	45.2	55.7	42.2	64
2:28:55 AM	63.9	75.1	43.7	88.2
2:29:55 AM	60.4	71.6	42.9	84.9
2:30:55 AM	58.7	67.8	42.9	81.5
2:31:55 AM	62.8	75.2	45.8	89.2
2:32:55 AM	52.6	64.3	40.3	79
2:33:55 AM	53.3	63.8	41.1	77.7
2:34:55 AM	55.5	64.4	41.6	77.8
2:35:55 AM	47.4	57.8	40.5	71.3
2:36:55 AM	41.9	44.1	40.1	56.1
2:37:55 AM	42.1	45.5	39.4	56.7
2:38:55 AM	54.6	64.4	43.3	78.3
2:39:55 AM	59.9	70.6	43.4	88
2:40:55 AM	62	74.3	42.8	87.6
2:41:55 AM	59.5	72.1	42	85.6
2:42:55 AM	43.8	50.6	40.9	61.3
2:43:55 AM	53.9	60.6	41.7	73.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:44:55 AM	50.6	61.5	41.1	75.9
2:45:55 AM	66.8	77.2	43.2	90
2:46:55 AM	59.3	70.4	42.9	84.4
2:47:55 AM	56.5	66.4	42.1	79.9
2:48:55 AM	65.4	73.9	45.4	88.4
2:49:55 AM	57.4	68.1	42.3	82.8
2:50:55 AM	61	73.4	41.7	87.4
2:51:55 AM	58.7	69.7	44.4	82.2
2:52:55 AM	53.9	64.5	43.2	78.6
2:53:55 AM	58.6	68.1	43.2	82.1
2:54:55 AM	52.6	59.7	42.6	73.6
2:55:55 AM	45.6	49.3	43.1	60.6
2:56:55 AM	60.6	71.7	44.4	84.6
2:57:55 AM	61.9	74.3	44.3	87
2:58:55 AM	44.1	45.6	42	58
2:59:55 AM	64.4	75.9	42.5	89.3
3:00:55 AM	43.6	50.4	41.8	63.9
3:01:55 AM	59.4	69.3	43.4	82.5
3:02:55 AM	61.5	72.4	44.5	85.7
3:03:55 AM	65.1	75.5	44.4	89.3
3:04:55 AM	60.1	66	46.5	80.5
3:05:55 AM	50.5	60.3	40.7	73.7
3:06:55 AM	60.1	71.6	43.3	83.4
3:07:55 AM	62.4	68.8	46	82.5
3:08:55 AM	64.5	76.9	44.5	90.3
3:09:55 AM	58.5	70.4	42.4	84.9
3:10:55 AM	47.7	57	42.2	69.8
3:11:55 AM	58.4	67.5	42.8	80.6
3:12:55 AM	60.7	70.4	43.4	84.8
3:13:55 AM	57.6	64.8	44.8	80
3:14:55 AM	65.6	78.2	46	92.1
3:15:55 AM	59.4	70.9	45.8	85.3
3:16:55 AM	59.7	71.2	46.3	82.3
3:17:55 AM	61.5	69.6	45	83.4
3:18:55 AM	59.1	71.2	47.1	83.6
3:19:55 AM	57	71.5	43.4	83.5
3:20:55 AM	61.8	74	45.4	86.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:21:55 AM	62.6	71.9	47.1	85.8
3:22:55 AM	63.7	74.7	50.5	89.3
3:23:55 AM	59.4	71.7	45.9	84.1
3:24:55 AM	60.4	70.6	44.8	83.8
3:25:55 AM	61.2	70	42.4	83.7
3:26:55 AM	60.2	71.4	44.8	83.3
3:27:55 AM	59.8	69.3	42.5	82
3:28:55 AM	63.1	70.7	44.3	84
3:29:55 AM	63.3	74.7	43.2	91.1
3:30:55 AM	58.7	70.8	40.4	84.1
3:31:55 AM	67.1	78.1	47.2	91.9
3:32:55 AM	56.9	66.4	41.6	78.6
3:33:55 AM	68.6	78.1	45.9	91.4
3:34:55 AM	65.8	77.1	47	90.7
3:35:55 AM	61.9	73.2	44.6	86.7
3:36:55 AM	58	69.5	42.2	82.5
3:37:55 AM	66.8	72.7	43.8	87.5
3:38:55 AM	64.5	73.2	49.5	85.9
3:39:55 AM	57.3	68.8	43	83.4
3:40:55 AM	60.9	69.3	41.4	83.5
3:41:55 AM	60.7	70.4	44.7	84.3
3:42:55 AM	64.5	75.6	46.2	87.9
3:43:55 AM	64.6	73	45.6	85.9
3:44:55 AM	62.1	70.3	41.7	83.9
3:45:55 AM	63.1	71	42	84.6
3:46:55 AM	64.8	75.9	46.9	89.4
3:47:55 AM	63.8	73.4	50.9	85.9
3:48:55 AM	59.2	69.2	44.1	83.1
3:49:55 AM	63.4	75.5	43.7	89.3
3:50:55 AM	67.8	75.3	53.6	88.8
3:51:55 AM	67.1	75.5	54.4	90.6
3:52:55 AM	55.4	63.8	42	78.5
3:53:55 AM	47.5	56.5	41.9	69.2
3:54:55 AM	64.8	75.8	42.1	91
3:55:55 AM	66.7	74.1	52.3	88
3:56:55 AM	65.6	78.2	46.6	91.4
3:57:55 AM	63	72.5	47.3	83.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:58:55 AM	61.4	66.9	48.3	80.4
3:59:55 AM	60.2	70.6	42	83.9
4:00:55 AM	57.2	66.4	41.6	80.3
4:01:55 AM	56.2	64.2	45.2	78.6
4:02:55 AM	61.5	70.7	49	84.1
4:03:55 AM	65.3	74	50	88.3
4:04:55 AM	56	66.1	43.4	78.3
4:05:55 AM	67.9	80.4	49.1	94.2
4:06:55 AM	64.8	78.9	50.6	87.5
4:07:55 AM	67.9	77	51.1	90.1
4:08:55 AM	64.7	74.9	45.3	87.4
4:09:55 AM	62.1	69.9	42.9	82.9
4:10:55 AM	63.2	71	45.4	84.3
4:11:55 AM	67.2	77.2	52.5	91
4:12:55 AM	62	70.2	46.1	83.9
4:13:55 AM	63.3	72.1	42.2	84.5
4:14:55 AM	63.6	71	49.4	87.3
4:15:55 AM	68	76	49.8	90.1
4:16:55 AM	66.3	74.8	52.2	90.1
4:17:55 AM	68.2	79	51.8	92.4
4:18:55 AM	65	75.9	47.4	89.4
4:19:55 AM	66.2	76.8	50.5	91.2
4:20:55 AM	62.5	71.8	47.7	85.1
4:21:55 AM	67.8	76	54.1	88.7
4:22:55 AM	68.3	79.2	46.8	96.2
4:23:55 AM	67.8	77.3	45.7	91.2
4:24:55 AM	58.7	65.6	43.1	80.2
4:25:55 AM	62.7	68.6	45.4	82.8
4:26:55 AM	68.6	80.1	45.1	94.1
4:27:55 AM	64.8	72.2	55.1	83.9
4:28:55 AM	67.1	75.3	48.1	90.1
4:29:55 AM	62.4	71.5	50.4	83.9
4:30:55 AM	65.1	72.8	51	85.4
4:31:55 AM	65.6	75	45.6	89
4:32:55 AM	66.9	75.9	52.8	89.7
4:33:55 AM	66.6	74.6	48	92.1
4:34:55 AM	65.8	76.8	44.5	89.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:35:55 AM	65.5	73	48	86.3
4:36:55 AM	68.6	75.4	53	87.2
4:37:55 AM	63	70.3	46.3	82.6
4:38:55 AM	66.7	74.6	46.2	88.4
4:39:55 AM	68.8	75.9	56.5	88.7
4:40:55 AM	67.3	75.7	49.3	88.1
4:41:55 AM	69.7	76.4	53.9	91.2
4:42:55 AM	67.6	75.2	50.7	87.2
4:43:55 AM	68.2	78.5	50.2	91.3
4:44:55 AM	65.3	72.9	54.1	86.6
4:45:55 AM	66.8	73.9	55.8	86.6
4:46:55 AM	65.7	74	49.1	85.7
4:47:55 AM	68.5	78.4	55.5	91
4:48:55 AM	61.7	67.5	46.9	81.2
4:49:55 AM	69.1	78.2	47.3	91.5
4:50:55 AM	70.4	77.6	52.7	90.2
4:51:55 AM	64.6	74.2	48.5	87.2
4:52:55 AM	67.6	75.5	50.4	88
4:53:55 AM	68.7	77.5	56	91.4
4:54:55 AM	59.4	67.7	41.7	81.5
4:55:55 AM	69.9	77.5	46.9	91.5
4:56:55 AM	64.4	71.6	45.8	85.3
4:57:55 AM	70.4	77.3	56.5	91.7
4:58:55 AM	68.3	75.1	52.6	89.1
4:59:55 AM	57.9	66.6	46.8	82.8
5:00:55 AM	71.1	81.9	50	95.7
5:01:55 AM	64.7	73.2	51.1	86.9
5:02:55 AM	68.9	76	59.9	90
5:03:55 AM	67.1	75.5	51.4	89.1
5:04:55 AM	67.2	77.5	49.6	92.3
5:05:55 AM	66.2	72.7	50.3	85.8
5:06:55 AM	65	74.6	49.9	89.6
5:07:55 AM	66.5	72.7	56.5	86.1
5:08:55 AM	66.9	73.6	47.2	86.7
5:09:55 AM	59.6	66.7	45.7	82.2
5:10:55 AM	67	78.9	45.2	91.4
5:11:55 AM	68.3	76.2	53.3	88.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:12:55 AM	69.8	76.3	53.9	90.1
5:13:55 AM	64.8	74.7	48.9	89.3
5:14:55 AM	68.2	75.3	47	87.9
5:15:55 AM	65.6	71.1	56.2	84.7
5:16:55 AM	65.4	72.1	52.1	86.2
5:17:55 AM	69.2	77	57	90.8
5:18:55 AM	68.9	75.7	59.3	89.1
5:19:55 AM	69	75.7	54.5	90.3
5:20:55 AM	68.5	74.5	60.1	87.4
5:21:55 AM	66.2	73	52.8	86.9
5:22:55 AM	66.9	74.3	55.2	87.8
5:23:55 AM	68.2	72.5	56.4	86.2
5:24:55 AM	71.5	81.3	54.9	94.8
5:25:55 AM	69.7	79.2	51.8	93.3
5:26:55 AM	69.1	74	54.2	87.4
5:27:55 AM	66.8	71.5	51.3	85.7
5:28:55 AM	69.3	76.1	53.5	89.6
5:29:55 AM	68.3	76.3	51.8	89.2
5:30:55 AM	71.7	80.6	51.7	94.6
5:31:55 AM	71.7	77.2	64.5	90.7
5:32:55 AM	66.4	73.6	56.4	86.3
5:33:55 AM	71.4	80.4	54.1	92.7
5:34:55 AM	72	79.3	55.4	93.2
5:35:55 AM	67.8	73	56.6	86.7
5:36:55 AM	68.8	73.3	60.4	86.4
5:37:55 AM	68.5	73.4	53.2	86.4
5:38:55 AM	72.4	78.6	58.8	93.3
5:39:55 AM	67.3	73	54.9	86.1
5:40:55 AM	70.4	75.6	54.8	87.7
5:41:55 AM	65.8	72.3	55.9	84.8
5:42:55 AM	69	76.8	56.2	89
5:43:55 AM	68.4	78.2	55.3	92.8
5:44:55 AM	70.8	76.8	58.4	89.4
5:45:55 AM	68	73.7	52.3	87.3
5:46:55 AM	69	76.5	59.5	89.6
5:47:55 AM	68.8	79.3	53.9	94.6
5:48:55 AM	71.6	79	61.6	92.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:49:55 AM	70.4	76.6	56.9	90.4
5:50:55 AM	66.6	72.8	54.9	86.6
5:51:55 AM	70.8	78.7	53.5	93
5:52:55 AM	69.9	74.4	56.9	87.4
5:53:55 AM	68.3	78.3	54.5	92.6
5:54:55 AM	71.5	81.1	53.4	95.4
5:55:55 AM	69.8	78.2	58.9	91.4
5:56:55 AM	70	80	52.6	92.2
5:57:55 AM	71	78.3	62.1	94.9
5:58:55 AM	66.1	71.3	54	84
5:59:55 AM	70	77.4	59.7	90.7
6:00:55 AM	66.2	71.3	55.2	84.3
6:01:55 AM	72.3	76.9	60.2	92.6
6:02:55 AM	71.2	78.8	58.2	95.7
6:03:55 AM	68.4	73.6	55.2	86
6:04:55 AM	69.9	78	59.7	92.6
6:05:55 AM	65.9	71	52.7	83.4
6:06:55 AM	69.2	74.3	60.7	87.6
6:07:55 AM	67.8	75.8	56.8	88.5
6:08:55 AM	70.7	75.6	62.6	89.4
6:09:55 AM	67.8	72.9	58.7	85.8
6:10:55 AM	68.1	74.9	56.4	86.8
6:11:55 AM	71.3	79.2	61.1	91.9
6:12:55 AM	68.6	76.6	52.4	90.2
6:13:55 AM	72.7	77.8	62.1	91.8
6:14:55 AM	65.8	72.8	58.9	86.8
6:15:55 AM	68.7	72.5	61.3	86
6:16:55 AM	68.9	75	59.4	88.3
6:17:55 AM	70.6	78.7	50.6	94
6:18:55 AM	72.4	79.2	65	92.2
6:19:55 AM	68.1	73.1	56.6	86.3
6:20:55 AM	71.5	76.6	62.6	90.2
6:21:55 AM	69.5	75.5	60.7	87.6
6:22:55 AM	72.4	76.3	65.6	90.1
6:23:55 AM	70.2	76.6	61.2	89.6
6:24:55 AM	68.2	75.4	53.5	89.1
6:25:55 AM	71	77.9	61.4	91.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:26:55 AM	71.4	77.9	60.5	91.7
6:27:55 AM	70.8	75.7	60	89
6:28:55 AM	67.7	72.9	54.9	86
6:29:55 AM	71.6	75.7	64.7	90.8
6:30:55 AM	70.8	75.8	63.2	90.2
6:31:55 AM	71.5	77.8	61.9	91.1
6:32:55 AM	69.4	75.2	63.7	89
6:33:55 AM	67.5	73.9	55.1	87.1
6:34:55 AM	71.7	78	64.3	91.9
6:35:55 AM	70	76.4	62.4	92.2
6:36:55 AM	69.6	75.7	58.7	88.5
6:37:55 AM	69.8	75	61.6	87.6
6:38:55 AM	68.7	73.8	57.6	87
6:39:55 AM	69.6	73	61.2	86.2
6:40:55 AM	68.4	74.2	60	87.6
6:41:55 AM	70.2	75.2	61.3	87.8
6:42:55 AM	68.7	75.3	53.6	88.9
6:43:55 AM	70.2	74.3	63.1	88.1
6:44:55 AM	68.5	73	63.4	86.7
6:45:55 AM	69.4	75.2	63.8	87.7
6:46:55 AM	66.6	71.3	59.2	85.1
6:47:55 AM	67.8	75.2	58.6	88.8
6:48:55 AM	70.7	75.4	65.7	89.8
6:49:55 AM	70.4	79.1	57.1	90.8
6:50:55 AM	69.8	74.2	58	87.6
6:51:55 AM	69.5	76.6	57.7	91
6:52:55 AM	70.6	77.6	58.1	90.5
6:53:55 AM	70.6	76.6	65.8	90.1
6:54:55 AM	67.4	73.3	58.1	86.6
6:55:55 AM	72.6	76.3	67.7	91.9
6:56:55 AM	69.4	76	54	89.8
6:57:55 AM	71	77.5	53.8	89.6
6:58:55 AM	69.1	77.3	56.7	88.5
6:59:55 AM	69	74.5	54.2	87.6
7:00:55 AM	67.6	74.5	53.7	87.2
7:01:55 AM	68	71.1	62.5	83.7
7:02:55 AM	68.6	73.9	53.6	88.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:03:55 AM	71.2	78.6	59.5	91.9
7:04:55 AM	68.8	73.7	54.9	87
7:05:55 AM	69.7	73.9	59.5	88.5
7:06:55 AM	69.5	74.7	63.8	87.6
7:07:55 AM	72.1	77.7	63.3	92.6
7:08:55 AM	65.9	71.2	55.4	86.3
7:09:55 AM	72.4	78.8	66	91.4
7:10:55 AM	67	74.4	58.8	89.3
7:11:55 AM	70.2	75	64.1	88.5
7:12:55 AM	71.5	79.3	54.2	92.2
7:13:55 AM	68.1	74	53.5	86
7:14:55 AM	74.1	83.9	68	97.4
7:15:55 AM	67.6	72.3	55.4	85.2
7:16:55 AM	70.9	75.6	59.8	88.7
7:17:55 AM	67.5	73.7	60.9	88.8
7:18:55 AM	70.5	75.9	56.2	89.2
7:19:55 AM	71	76	63	89.5
7:20:55 AM	67.5	75.2	54.1	87.8
7:21:55 AM	71.3	76.3	66.6	88.4
7:22:55 AM	65.8	71.2	55.8	83.7
7:23:55 AM	69.4	74.7	56.7	87.8
7:24:55 AM	68.9	73.8	57.3	86.6
7:25:55 AM	68.4	74.9	58.8	87.6
7:26:55 AM	74.4	85.5	64.7	99.4
7:27:55 AM	70	76.5	63.5	90
7:28:55 AM	69	76.1	64.9	89.5
7:29:55 AM	70.1	76.2	60.3	90.6
7:30:55 AM	78.8	88.7	63.9	104.8
7:31:55 AM	68.3	73.1	62.9	86
7:32:55 AM	71	77	57.4	91.1
7:33:55 AM	72.3	79.9	63.7	95.2
7:34:55 AM	69.6	76	61.5	89.4
7:35:55 AM	69.9	77.3	60.8	90.7
7:36:55 AM	66.3	74.3	56.2	87
7:37:55 AM	70.9	75.3	54.2	88.6
7:38:55 AM	67.3	76.1	58.2	89.8
7:39:55 AM	69.8	74.7	58.3	88.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:40:55 AM	71.1	79.4	60.3	92.5
7:41:55 AM	68.5	74.6	56.6	89.5
7:42:55 AM	71.1	76.6	63.7	89.9
7:43:55 AM	70.1	76.3	56.2	90.1
7:44:55 AM	71.6	75.3	66.4	89.8
7:45:55 AM	68.2	71.6	62	85
7:46:55 AM	69.7	75.7	62.8	90.1
7:47:55 AM	71.1	80.4	61.9	93.5
7:48:55 AM	68.9	74.7	58.5	87.2
7:49:55 AM	69.8	75.3	58.5	89.4
7:50:55 AM	68.1	74.6	57.5	87.8
7:51:55 AM	69.3	74.8	55.8	88.1
7:52:55 AM	68.6	76.2	60.2	90.3
7:53:55 AM	68.9	75	55.1	88.1
7:54:55 AM	71.9	81.1	55.4	94.7
7:55:55 AM	69.8	76.8	58.2	91.1
7:56:55 AM	70.1	75.2	64.6	87.2
7:57:55 AM	69.2	76.7	59.2	89.5
7:58:55 AM	71	75.3	61.8	88.4
7:59:55 AM	68.2	77.7	55.1	91.1
8:00:55 AM	71.6	78.1	64.3	90
8:01:55 AM	68.3	74.5	61	89.5
8:02:55 AM	70.4	78	59.2	94.1
8:03:55 AM	70.9	76.8	51.2	92.2
8:04:55 AM	69.2	74	56.6	87.2
8:05:55 AM	71.3	77.2	60.5	91
8:06:55 AM	66.3	70.2	56.6	84.4
8:07:55 AM	69.2	74.6	60.4	87.9
8:08:55 AM	68.5	75.8	57.1	89.9
8:09:55 AM	67.2	73	56.9	86.4
8:10:55 AM	68.9	75.4	59.3	91.4
8:11:55 AM	69.8	77.8	53.2	91.6
8:12:55 AM	65.8	71.1	52	83.8
8:13:55 AM	70	78.4	54.6	91.7
8:14:55 AM	69.5	76	59.9	90
8:15:55 AM	70	76.3	52.7	89.3
8:16:55 AM	69.2	76.2	53	89.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:17:55 AM	71.6	79.1	62.3	91.9
8:18:55 AM	69.7	76.6	57.2	89.8
8:19:55 AM	70.4	74.8	57.2	88.2
8:20:55 AM	66.4	72.9	53.8	85.2
8:21:55 AM	69.8	75.6	60.9	87.6
8:22:55 AM	70.2	75.8	62	88.6
8:23:55 AM	71	77.3	57.4	90.5
8:24:55 AM	69.5	75.9	58.7	87.9
8:25:55 AM	68.4	75.8	54.5	89.2
8:26:55 AM	70.1	77.9	52.8	90.5
8:27:55 AM	70.6	75	62.1	87.9
8:28:55 AM	70.6	75.3	58.2	89.5
8:29:55 AM	71	77.7	64.5	91.7
8:30:55 AM	69.9	74.5	62.7	87.6
8:31:55 AM	69	75.1	61.8	88.8
8:32:55 AM	67.9	75.1	53	87.7
8:33:55 AM	68.1	73	60.4	89.5
8:34:55 AM	68.8	75.4	57.5	88.4
8:35:55 AM	69.3	77.1	58.6	90.2
8:36:55 AM	71.6	76.9	62.8	90.9
8:37:55 AM	69.4	74	61.9	86.8
8:38:55 AM	72.1	77.5	63.1	91.3
8:39:55 AM	70	78.4	57.7	91.2
8:40:55 AM	68.3	73.1	59.8	93.7
8:41:55 AM	70.3	75.5	61.5	89
8:42:55 AM	70.5	76.6	59.5	89.5
8:43:55 AM	70.1	75.6	62.9	90.1
8:44:55 AM	69.8	76.9	58	91.1
8:45:55 AM	72.5	76.9	65.1	89.7
8:46:55 AM	67.7	75.2	55	88.1
8:47:55 AM	71.7	79.1	66.2	92.6
8:48:55 AM	70.8	78.1	62.3	91.2
8:49:55 AM	67.4	73.5	59.8	85.9
8:50:55 AM	71.3	77.8	61.9	91.6
8:51:55 AM	67.6	75.9	56.5	89.4
8:52:55 AM	73	80.8	59.1	95.1
8:53:55 AM	66.5	73.9	54.4	87.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:54:55 AM	69.9	75.8	54.6	89
8:55:55 AM	68.4	73.9	53.6	86.5
8:56:55 AM	68.7	73.8	59.5	86.6
8:57:55 AM	71.6	80.5	54.2	95
8:58:55 AM	73.5	78.7	60.7	92.8
8:59:55 AM	69.1	75.1	52.3	89.7
9:00:55 AM	68.4	76.2	53.7	90
9:01:55 AM	71.6	79.1	58.9	94.2
9:02:55 AM	66.6	74.4	53.6	86.7
9:03:55 AM	72.2	76.8	67.3	90.8
9:04:55 AM	69.4	76.1	63	88.9
9:05:55 AM	74.4	85.1	57	98.9
9:06:55 AM	69.7	80.6	55.7	90.9
9:07:55 AM	69.5	77.7	55	92
9:08:55 AM	75.7	89.2	53.2	107.3
9:09:55 AM	71.2	77.5	61.3	87.4
9:10:55 AM	69.6	75.5	59.4	88
9:11:55 AM	70.3	78.3	61.3	94.6
9:12:55 AM	67.1	72.1	53.5	84.8
9:13:55 AM	68.7	78.4	54.7	90.2
9:14:55 AM	68.3	76.5	59.1	89.7
9:15:55 AM	67	74.5	56.2	88.7
9:16:55 AM	69.6	78.6	59.3	93.8
9:17:55 AM	70.1	76	56.6	88.8
9:18:55 AM	72.3	80.1	65.2	92
9:19:55 AM	70.6	75.5	61.3	90
9:20:55 AM	70.6	78.7	59.6	92.2
9:21:55 AM	68.7	74	59.2	85.7
9:22:55 AM	71.5	77.9	62.7	91.2
9:23:55 AM	66.6	71.2	59	85
9:24:55 AM	71.3	79.7	62.2	92.4
9:25:55 AM	70.9	76.5	58.2	89.5
9:26:55 AM	71	77.9	61	92.2
9:27:55 AM	69.7	74.7	60.7	88.3
9:28:55 AM	66.4	74.4	52.9	87.9
9:29:55 AM	71.5	76.8	65.3	89.2
9:30:55 AM	69.5	75.9	63.2	88.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:31:55 AM	69.3	76	58.4	89.3
9:32:55 AM	70.2	77.2	55	90.5
9:33:55 AM	70.3	75.6	62.4	90
9:34:55 AM	69.6	75.6	60	88.6
9:35:55 AM	70	75.5	59.3	89.1
9:36:55 AM	70.5	77.2	64.3	91.6
9:37:55 AM	70.6	76.8	63.8	89
9:38:55 AM	67.7	72	60.2	85.3
9:39:55 AM	69.7	75.8	58.7	88.7
9:40:55 AM	69.1	75.7	57.7	88.8
9:41:55 AM	70.4	75.5	52.1	89.8
9:42:55 AM	70.8	77	65.3	90.6
9:43:55 AM	68.6	76.1	55.6	90.3
9:44:55 AM	69.4	78.2	54.4	91.1
9:45:55 AM	69.8	75.7	54.5	88.1
9:46:55 AM	68.2	76.2	53.8	90.6
9:47:55 AM	67.1	72.1	58.4	85.3
9:48:55 AM	72.2	81.3	60.6	96.5
9:49:55 AM	68.5	74.3	55.2	92.8
9:50:55 AM	68.6	74.9	59.2	88.7
9:51:55 AM	70	75.7	54.3	89.5
9:52:55 AM	70	75.3	55.1	88.7
9:53:55 AM	70.3	75.4	60.1	89.5
9:54:55 AM	67.9	76	49.3	88.6
9:55:55 AM	68.8	75	59.8	89.5
9:56:55 AM	70.5	75.6	61.4	89.3
9:57:55 AM	67.6	74.7	58.9	91.6
9:58:55 AM	68.3	74.4	54.1	86.8
9:59:55 AM	67	76.9	53.9	89.9
10:00:55 AM	67.7	74.6	53.1	88.2
10:01:55 AM	67.4	74.1	58.3	86.2
10:02:55 AM	68.8	75.9	61.3	88.8
10:03:55 AM	68	73.8	60.4	87.7
10:04:55 AM	77.4	89.9	63	108.3
10:05:55 AM	69.9	76.1	57.9	89.5
10:06:55 AM	71.5	75.3	65.6	90
10:07:55 AM	66.5	72.5	54.5	86.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:08:55 AM	69.4	75.6	58.5	89.3
10:09:55 AM	69.6	75.6	60.5	89.4
10:10:55 AM	72.5	80.2	65	93.9
10:11:55 AM	67.8	73.8	53.5	89.3
10:12:55 AM	66.7	74	59.7	86.4
10:13:55 AM	71	76.7	59.8	90.3
10:14:55 AM	67.8	75.9	59.7	88.9
10:15:55 AM	72	78.5	58.4	93.7
10:16:55 AM	68.9	74.2	57	89
10:17:55 AM	69.6	74.7	58.4	87.6
10:18:55 AM	71	76.5	63.9	90.2
10:19:55 AM	69.4	73.3	62.5	89.6
10:20:55 AM	70.6	78.6	58.2	92.1
10:21:55 AM	69.9	76.9	59.2	89.3
10:22:55 AM	67.2	72.9	57.8	85.7
10:23:55 AM	67.1	75.2	58.9	88
10:24:55 AM	67.2	74.2	57.7	87
10:25:55 AM	70.2	75.3	53	87.9
10:26:55 AM	67.2	73.3	57.4	86.4
10:27:55 AM	69.4	76.8	60.5	90
10:28:55 AM	65.3	70.8	57.5	84.5
10:29:55 AM	66.6	75.1	53.8	94.6
10:30:55 AM	70.3	74.8	62.2	92.6
10:31:55 AM	66.2	75.1	55.1	89
10:32:55 AM	69.4	75.7	51.1	89.5
10:33:55 AM	69.5	76.1	51.2	89.4
10:34:55 AM	67.6	74	59.1	87.4
10:35:55 AM	68.5	76	59.9	90.6
10:36:55 AM	70.1	77.1	58.9	90.2
10:37:55 AM	68	75	54.5	87.6
10:38:55 AM	69.6	75.2	61.1	88.2
10:39:55 AM	69	75.3	60.5	89
10:40:55 AM	71.4	79.1	60.9	93.8
10:41:55 AM	67.8	73.4	56.9	86.5
10:42:55 AM	70.8	81.4	53.8	95.8
10:43:55 AM	68.2	72.9	59.6	85.5
10:44:55 AM	66.2	70.6	61.5	85.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:45:55 AM	72.4	79.2	66.1	92.1
10:46:55 AM	70.7	78	59	93.3
10:47:55 AM	69	77.9	58.3	90.7
10:48:55 AM	72.9	83.2	53.7	101.1
10:49:55 AM	69.1	73.9	58	87.1
10:50:55 AM	69.5	76.5	60.9	89.6
10:51:55 AM	69.7	76.7	59.2	90.4
10:52:55 AM	67.6	73.1	59	87.1
10:53:55 AM	67.5	77.8	55	90.3
10:54:55 AM	70.4	76.6	58.2	90.2
10:55:55 AM	68.9	74.7	60.1	87.8
10:56:55 AM	70.6	76.4	54.6	89.3
10:57:55 AM	70.5	75.7	56.5	89.3
10:58:55 AM	69.3	76.1	62.5	89.4
10:59:55 AM	70.9	79.1	59.9	93.1
11:00:55 AM	68.6	75.4	62.8	90.3
11:01:55 AM	66.2	71	60	84.5
11:02:55 AM	69.9	76.3	62.8	88.1
11:03:55 AM	71.6	77.5	65.8	90.7
11:04:55 AM	68.4	74.8	57.3	87.7
11:05:55 AM	69.5	75.3	63.5	87.7
11:06:55 AM	69	76	60.2	89.4
11:07:55 AM	71.8	82.5	63	97.3
11:08:55 AM	69.7	75	60.2	88.6
11:09:55 AM	69.2	73.5	62.3	86.9
11:10:55 AM	70.5	74.6	64.4	87.9
11:11:55 AM	66.4	71.5	57.3	83.8
11:12:55 AM	68.1	75.2	62	90.6
11:13:55 AM	73.7	79.8	68.1	93.4
11:14:55 AM	71.7	76.5	64.7	89.4
11:15:55 AM	70	74.2	64.6	87.2
11:16:55 AM	69.9	75.8	61.3	89.6
11:17:55 AM	72.3	79.9	61.9	94
11:18:55 AM	68.9	77.3	54.7	91.5
11:19:55 AM	72	77.4	63.7	89.3
11:20:55 AM	72.7	79.1	62.4	92.1
11:21:55 AM	71.2	76.2	62.2	89.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:22:55 AM	69.4	72.4	60.6	85.3
11:23:55 AM	72	78	66.1	92.7
11:24:55 AM	70	74.7	62.4	88.4
11:25:55 AM	67	76.3	57	93.1
11:26:55 AM	72.4	77.6	61.3	90.8
11:27:55 AM	62.7	71.3	55.5	82
11:28:55 AM	72.4	77.1	57.1	92.1
11:29:55 AM	67.5	73.3	61.7	87.8
11:30:55 AM	69.3	75.5	57	90.6
11:31:55 AM	71.3	79.1	64.4	93.2
11:32:55 AM	73.5	80.8	65.4	97.1
11:33:55 AM	71	75.5	61	90.5
11:34:55 AM	67.2	72.9	57.4	85.5
11:35:55 AM	70.6	78.9	61	93.5
11:36:55 AM	71.4	79.4	63.7	94
11:37:55 AM	67.7	76.3	58.2	88.2
11:38:55 AM	72.3	79	66.4	92
11:39:55 AM	65.1	74	50.4	86.6
11:40:55 AM	72.9	79.4	60.4	96.2
11:41:55 AM	68.1	74.3	59.7	87.6
11:42:55 AM	67.3	72.6	60.5	86.2
11:43:55 AM	69.4	75.8	61.4	89.9
11:44:55 AM	69.4	74.9	64.2	87.8
11:45:55 AM	69.5	75.8	60.2	89.2
11:46:55 AM	63.7	71.4	53.3	84.9
11:47:55 AM	71	77.9	62.7	91.2
11:48:55 AM	71.8	78.3	61.7	92.1
11:49:55 AM	70.6	76.3	63.5	89.8
11:50:55 AM	71.2	76.6	62.8	89.7
11:51:55 AM	65.1	71.8	58.8	82.8
11:52:55 AM	69.1	75.7	60.6	88.1
11:53:55 AM	63.9	72	53.7	85.9
11:54:55 AM	72.3	77.6	65.8	92.6
11:55:55 AM	66.5	74.4	54	87.7
11:56:55 AM	70.5	76.6	51.5	90.1
11:57:55 AM	69.4	75.4	58	88.7
11:58:55 AM	68.7	74.4	61.5	89.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:59:55 AM	68.6	75.5	61.3	89.1
12:00:55 PM	69.7	76.9	57.8	89.9
12:01:55 PM	72.2	79	62.4	92.4
12:02:55 PM	69.1	73.4	51.6	86.5
12:03:55 PM	67.6	74.2	57	86.7
12:04:55 PM	68.6	74.7	55.9	87.5
12:05:55 PM	70.1	81.2	62.4	93.5
12:06:55 PM	70.9	78.1	61.6	91.3
12:07:55 PM	69.7	76.2	61.4	89.9
12:08:55 PM	70.2	75.9	63	89.2
12:09:55 PM	71.1	76	63.6	88.5
12:10:55 PM	70.4	78	61.5	91.9
12:11:55 PM	72.3	76.6	63.3	89.3
12:12:55 PM	68.4	74.7	61.1	87.8
12:13:55 PM	71.8	80	61.4	98.2
12:14:55 PM	71.2	77.2	63	92.9
12:15:55 PM	71.3	77.5	65.5	90.7
12:16:55 PM	67.8	75.6	59.8	88.7
12:17:55 PM	69.5	74.4	61.1	92.1
12:18:55 PM	68.8	75.2	60.6	88.6
12:19:55 PM	66.6	70	60.2	84.3
12:20:55 PM	68.8	75.8	63.5	90.5
12:21:55 PM	72.4	80.3	63.1	97.3
12:22:55 PM	70.5	75.9	66.2	91
12:23:55 PM	67.8	74.3	58.8	88
12:24:55 PM	75.9	88.2	67.3	103.6
12:25:55 PM	69.7	74.6	61.7	89.4
12:26:55 PM	67.2	73	60.2	86.7
12:27:55 PM	73.1	77.3	65.8	93
12:28:55 PM	67.4	72.7	60.4	85.6
12:29:55 PM	70.3	74.6	64	87.9
12:30:55 PM	69.2	77.2	54.9	90.8
12:31:55 PM	68.2	75.1	55.4	90.7
12:32:55 PM	71.7	78.3	65.1	90.8
12:33:55 PM	68.8	73.5	57.7	86.7
12:34:55 PM	69.8	75.7	62.8	88
12:35:55 PM	72.8	78	65.5	91.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:36:55 PM	68	74.4	61.8	86.9
12:37:55 PM	72.9	81.9	60.7	95.8
12:38:55 PM	66.7	71.7	60.2	84.4
12:39:55 PM	70.9	76.9	62.5	91.1
12:40:55 PM	68.6	73.1	59	90.3
12:41:55 PM	71.8	81	64.8	93.9
12:42:55 PM	72.2	76.4	64.5	90.4
12:43:55 PM	69.4	76	64.1	89.7
12:44:55 PM	72.1	76.6	66.2	89.7
12:45:55 PM	70.3	74.9	64.6	89.3
12:46:55 PM	69	73.5	59.5	86.1
12:47:55 PM	71.9	76.3	59	89.9
12:48:55 PM	71.6	76.8	65.6	90.5
12:49:55 PM	67.7	75.1	58.8	89.3
12:50:55 PM	73.9	78.6	70.5	92.9
12:51:55 PM	67.6	74.4	54.6	86.9
12:52:55 PM	72.4	78.3	55	91.1
12:53:55 PM	71.5	78.3	66	93.2
12:54:55 PM	68.6	72.1	63	86
12:55:55 PM	72.7	77	65.6	91.1
12:56:55 PM	70.6	78.6	61.4	92
12:57:55 PM	69.8	74.5	61.6	87.6
12:58:55 PM	72.1	78.1	61.2	91.1
12:59:55 PM	69.7	75.2	60.1	88.6
1:00:55 PM	71.2	77.2	61.3	90.1
1:01:55 PM	69.9	76.2	61.2	90.7
1:02:55 PM	72.5	78	62.2	91.5
1:03:55 PM	70.9	78.1	58.4	90.9
1:04:55 PM	70.1	76.5	64	90.2
1:05:55 PM	69	71.9	63.1	86.1
1:06:55 PM	71.4	74.5	65.6	87.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Location M2: 24-Hour Session Report

Meter No. 23423
3/15-16/2021

Information Panel

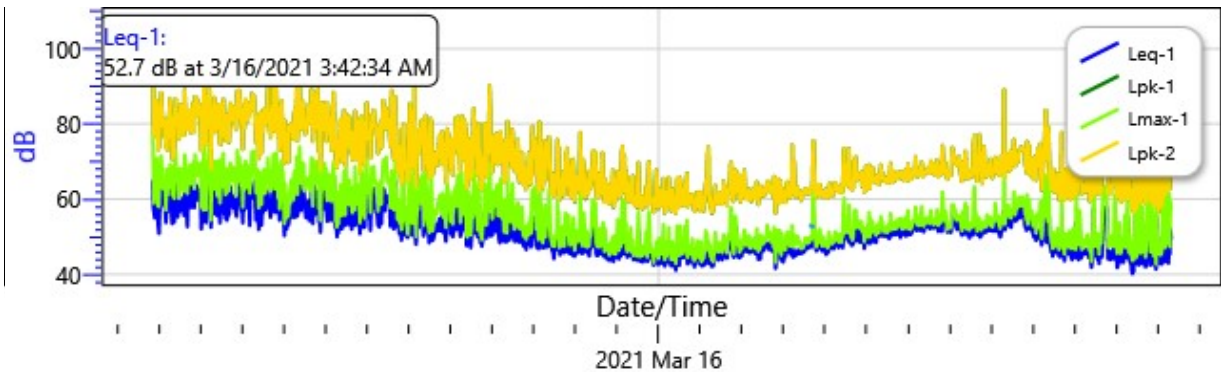
Name	S298_BLM060003_16032021_123435
Start Time	3/15/2021 11:48:35 AM
Stop Time	3/16/2021 12:20:26 PM
Device Name	BLM060003
Model Type	SoundPro DL
Device Firmware Rev	R.13H
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	54.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Logged Data Chart

S298_BLM060003_16032021_123435: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/15/2021 11:49:35 AM	65.1	79	51.7	107.7
11:50:35 AM	57.6	65.1	50.5	79.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:51:35 AM	55.5	58.9	51.2	76.7
11:52:35 AM	55	63.4	50.5	78.3
11:53:35 AM	59.9	69.2	52.7	84.9
11:54:35 AM	62.6	70.9	53.7	86.3
11:55:35 AM	57.3	64.1	53.1	82.3
11:56:35 AM	58.3	65.2	53.3	83.1
11:57:35 AM	52.9	58	48.4	73.2
11:58:35 AM	50.9	58.4	47.6	74
11:59:35 AM	55.1	58.9	52.1	74.2
12:00:35 PM	62.4	70.8	52.5	84.9
12:01:35 PM	65	71.5	54.3	88.3
12:02:35 PM	62.4	69.2	52.2	85.6
12:03:35 PM	59.5	65.9	51.6	81.7
12:04:35 PM	58.5	62.9	51.5	79.4
12:05:35 PM	59.6	64.2	55.3	80.2
12:06:35 PM	59.1	62.6	54.4	76.6
12:07:35 PM	57.7	64.1	49.9	77.6
12:08:35 PM	53.8	57.1	50.1	74.1
12:09:35 PM	58.5	68	49.5	81.2
12:10:35 PM	56.5	61.1	50.7	73.1
12:11:35 PM	60.7	66.5	55.5	81.7
12:12:35 PM	57.7	63.9	50.4	79.3
12:13:35 PM	57.6	63.4	51.5	79.7
12:14:35 PM	62.3	69.2	51.3	86.8
12:15:35 PM	60.7	66.4	55.3	83.8
12:16:35 PM	58.8	68.9	50.6	82.2
12:17:35 PM	53.5	61.1	51.5	70.6
12:18:35 PM	59.7	66.2	52.4	81.8
12:19:35 PM	54.4	63.9	49.1	77.7
12:20:35 PM	53.9	60.2	51.3	71.6
12:21:35 PM	61.9	69.9	50.8	84.9
12:22:35 PM	66.4	72.7	55.1	86.7
12:23:35 PM	61.7	66.9	54.6	81.3
12:24:35 PM	59.5	68.2	52.5	81.4
12:25:35 PM	55.3	64.6	50.1	80.6
12:26:35 PM	62.5	67.1	51.7	82.6
12:27:35 PM	56.6	60.2	52.6	75.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:28:35 PM	57.8	63	49.5	77.9
12:29:35 PM	60.5	68.2	50.1	85.2
12:30:35 PM	58.2	66.1	50.2	83
12:31:35 PM	59.4	65.1	52	79.2
12:32:35 PM	56.9	62.7	52.5	77.5
12:33:35 PM	57.9	65.4	50.3	80.2
12:34:35 PM	55.7	62.1	51.9	77.1
12:35:35 PM	62.8	71.8	52.6	89.1
12:36:35 PM	64.7	70.5	56.1	83.8
12:37:35 PM	60.4	67	54.3	83.8
12:38:35 PM	56.3	65.1	50.5	81.7
12:39:35 PM	52.7	61.5	48.8	78.5
12:40:35 PM	61.1	67.8	51.3	82.2
12:41:35 PM	62.7	67.7	54.2	83.7
12:42:35 PM	59.6	66	52.7	79.5
12:43:35 PM	63.9	69.1	54.1	83.7
12:44:35 PM	57.8	64	50	77.7
12:45:35 PM	61.4	68.5	53	82
12:46:35 PM	63.8	69.2	55.5	82.8
12:47:35 PM	64.3	69.2	55.6	85.5
12:48:35 PM	63.6	69.9	53	85.3
12:49:35 PM	57.7	62.8	51.4	77.9
12:50:35 PM	63.3	71.8	52.9	87.3
12:51:35 PM	60.9	70.7	51.3	87.1
12:52:35 PM	63.6	68.5	58.2	83.4
12:53:35 PM	60.9	69.4	51.6	86.6
12:54:35 PM	59.8	66.3	52.7	82.4
12:55:35 PM	61.5	68.5	52.1	85.2
12:56:35 PM	62.5	68	53	85.4
12:57:35 PM	60.8	67.4	55.4	82
12:58:35 PM	60.5	69.7	50.3	84.6
12:59:35 PM	52.1	57.9	48.7	73
1:00:35 PM	53.7	58.5	48.7	72.8
1:01:35 PM	58.9	66.8	52.1	81.5
1:02:35 PM	54.1	57.1	49.5	75.2
1:03:35 PM	63.4	75.6	51	93.9
1:04:35 PM	64.2	71.5	54.2	86.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:05:35 PM	56.7	62.9	50.5	78
1:06:35 PM	53.8	57.2	50.3	74.5
1:07:35 PM	58.5	68.6	50.8	87.3
1:08:35 PM	59.1	63.8	52.3	79.2
1:09:35 PM	59.9	66.8	51.6	80.7
1:10:35 PM	63.3	70.2	55	86.9
1:11:35 PM	65.8	74.8	55.9	89.5
1:12:35 PM	63.7	70	51.3	85
1:13:35 PM	52.5	54.4	50.9	68.1
1:14:35 PM	57.7	64.3	52.3	78.3
1:15:35 PM	60.3	68.8	52.9	84.2
1:16:35 PM	60.5	66.2	49.3	80.4
1:17:35 PM	56.1	62.7	49	78.6
1:18:35 PM	63	70.1	52.3	86.9
1:19:35 PM	59.4	64.3	51.3	77.9
1:20:35 PM	60.8	65.8	53.1	80.4
1:21:35 PM	58.9	64	53	79
1:22:35 PM	55.6	60.9	49.1	78.9
1:23:35 PM	62.1	70.2	51.1	85.2
1:24:35 PM	62.5	69.2	50	84.3
1:25:35 PM	59.3	65.3	51.7	81.1
1:26:35 PM	53.7	59	49.2	74.7
1:27:35 PM	54.7	59.2	50.8	74.5
1:28:35 PM	62.7	70.7	53.1	84.8
1:29:35 PM	57.1	64.5	49.9	80.7
1:30:35 PM	63.3	71.1	54.1	85.8
1:31:35 PM	63.9	72.2	51.8	86.6
1:32:35 PM	56.1	63.2	51.5	76.7
1:33:35 PM	59.5	66	50.9	79.4
1:34:35 PM	54.9	61.2	51.8	75.5
1:35:35 PM	61.3	68	51.6	82.4
1:36:35 PM	54.4	62.5	46.8	78.6
1:37:35 PM	55.4	62	51.6	76.8
1:38:35 PM	55.9	64.6	48.4	79.4
1:39:35 PM	55.9	62.3	53.2	75.1
1:40:35 PM	58.2	68.3	50.8	81.9
1:41:35 PM	63.3	69.5	51.8	85.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:42:35 PM	61	68.2	48.1	82.6
1:43:35 PM	58.4	68.1	50.1	82.7
1:44:35 PM	58	64.9	51.2	81
1:45:35 PM	60.4	68.5	52	81.9
1:46:35 PM	57.7	67.7	52.6	83.7
1:47:35 PM	60.8	66.3	52.9	84.7
1:48:35 PM	57.2	66.7	50.2	81.8
1:49:35 PM	55.5	60.8	51	78.5
1:50:35 PM	55.4	61.9	49.6	78.8
1:51:35 PM	65.1	73	54.3	88.8
1:52:35 PM	61.1	67.4	56.1	81.9
1:53:35 PM	59.3	68.3	52.5	82.6
1:54:35 PM	63	71.2	50.3	88.9
1:55:35 PM	59.2	67	50.8	85.3
1:56:35 PM	58.3	64.5	50.8	81.6
1:57:35 PM	56.8	64.4	51.9	80.5
1:58:35 PM	59.4	67	53.1	84.1
1:59:35 PM	53.7	57.9	51.7	73.3
2:00:35 PM	62.9	68.9	53.1	83.2
2:01:35 PM	57	62.4	49.7	78.7
2:02:35 PM	60.9	67.8	52.4	84.7
2:03:35 PM	62.8	70.1	52.7	86.4
2:04:35 PM	60.6	68.6	51.6	85.8
2:05:35 PM	57.8	63.1	51.9	81.7
2:06:35 PM	60.8	65.7	54	80.8
2:07:35 PM	62.7	68.8	55.6	83.4
2:08:35 PM	61.7	68.1	52.8	83
2:09:35 PM	53	61.6	49.1	83
2:10:35 PM	61.3	67.1	50.3	85.8
2:11:35 PM	61.6	65.1	51.5	83.7
2:12:35 PM	62.8	72.6	51.2	88.1
2:13:35 PM	60.3	71.3	48.8	87.7
2:14:35 PM	63	69.6	54.8	85.4
2:15:35 PM	63.9	72.8	50.7	87.6
2:16:35 PM	64.6	72.2	56.3	84.7
2:17:35 PM	60.3	68.7	48.9	83.4
2:18:35 PM	54.4	61.7	49.3	75.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:19:35 PM	56.1	61.6	50.3	75.1
2:20:35 PM	61.9	67.9	50.4	81.8
2:21:35 PM	59.2	65.7	50.5	80.1
2:22:35 PM	51.9	57.7	47	70.8
2:23:35 PM	58.6	67.2	50.1	82.6
2:24:35 PM	57.4	66.9	48.8	81.9
2:25:35 PM	55.1	65.7	48.3	82.9
2:26:35 PM	53.1	58.6	50.3	72.3
2:27:35 PM	57.2	64.9	50.9	81.3
2:28:35 PM	56.4	62.2	52.4	77.9
2:29:35 PM	60.7	67.9	53.5	83.9
2:30:35 PM	60.1	66.6	51.6	82.4
2:31:35 PM	60.4	67	52.6	83.9
2:32:35 PM	57.2	61.8	49.9	79.9
2:33:35 PM	58.3	67.6	52.4	84
2:34:35 PM	60.3	65.6	49.6	81.2
2:35:35 PM	62.1	70.9	51.5	89.7
2:36:35 PM	58.6	66.1	49.7	80.9
2:37:35 PM	58.1	67.8	49.1	82.7
2:38:35 PM	57.2	64.1	50.1	78.3
2:39:35 PM	55.2	62.1	49.3	76.4
2:40:35 PM	60	65.3	52.7	80.2
2:41:35 PM	56.8	64.2	51.9	80.3
2:42:35 PM	61.6	67.9	53.6	85.1
2:43:35 PM	63.4	71.9	51.8	90.2
2:44:35 PM	63	70.8	52.7	84.3
2:45:35 PM	56.5	62.7	50.2	78.2
2:46:35 PM	61.5	65.8	55.2	83.1
2:47:35 PM	65.2	72.3	54.6	90.3
2:48:35 PM	61.2	69.9	51.8	84.6
2:49:35 PM	59	67.9	53.5	81.3
2:50:35 PM	56.3	60.3	53.2	76.4
2:51:35 PM	59.4	65.9	51.8	84.2
2:52:35 PM	54.4	57.4	52.2	72.9
2:53:35 PM	55.8	60.5	51	74.5
2:54:35 PM	58.4	67.8	50.5	84
2:55:35 PM	63.2	70.3	50.2	86.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:56:35 PM	60.1	65.7	52.6	79.7
2:57:35 PM	59.8	67.1	52.6	81
2:58:35 PM	56.8	63.4	51.6	79.3
2:59:35 PM	50.3	53.5	46.7	69.5
3:00:35 PM	56.5	64.2	46.7	80.8
3:01:35 PM	53.9	57.2	51.8	70.9
3:02:35 PM	52	54.9	50.2	71
3:03:35 PM	53.9	61.1	49	75.1
3:04:35 PM	54.1	60.7	48.9	73.8
3:05:35 PM	53.2	55.6	49	69.8
3:06:35 PM	55.7	62.8	49.3	79.5
3:07:35 PM	56.3	63	50.6	78.5
3:08:35 PM	57.4	63.1	50.7	78.5
3:09:35 PM	58.2	65.2	52.9	79.9
3:10:35 PM	57.6	63.7	52.9	78
3:11:35 PM	55.6	63.4	49.9	80
3:12:35 PM	55.1	59.8	52.5	76.1
3:13:35 PM	59.7	67	48.3	82.4
3:14:35 PM	61.7	67.5	51.4	82.7
3:15:35 PM	59.5	65.8	54.8	84.3
3:16:35 PM	55.3	61.4	48.1	75.7
3:17:35 PM	63.2	71.3	50.4	89.3
3:18:35 PM	55.6	61.3	52.8	75.5
3:19:35 PM	58.4	65.7	51.3	82.1
3:20:35 PM	58.2	66.6	53.9	81.9
3:21:35 PM	65.7	73.9	54.6	90.7
3:22:35 PM	59.3	68.7	50.8	81.9
3:23:35 PM	57	64.3	50.6	78.7
3:24:35 PM	58.4	65.3	53.2	79.6
3:25:35 PM	60.2	65.4	53.2	81.5
3:26:35 PM	61.7	69.6	52.7	85.9
3:27:35 PM	62.3	69.1	49.9	83.4
3:28:35 PM	57.5	62.2	52.5	78.5
3:29:35 PM	57.3	63.3	50.7	77.3
3:30:35 PM	55.1	63.6	51.5	77.8
3:31:35 PM	56.4	65.5	52.5	79.2
3:32:35 PM	58.7	64.3	51.4	80.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:33:35 PM	57.9	64.5	53.6	80.8
3:34:35 PM	59.6	65.6	53.9	85
3:35:35 PM	54.3	62.5	50.5	80.2
3:36:35 PM	56.2	66.1	52.7	83.5
3:37:35 PM	57.4	66.1	50.1	80.1
3:38:35 PM	61.6	71	54	89.2
3:39:35 PM	65.2	70.6	53	86.2
3:40:35 PM	53.5	58.2	50.6	75.4
3:41:35 PM	63.9	70.4	54.3	88.4
3:42:35 PM	60.9	69	52.5	82.1
3:43:35 PM	55.9	64.2	52.9	78.6
3:44:35 PM	58.3	66.9	53.7	84.1
3:45:35 PM	60.9	67.4	52.1	81.8
3:46:35 PM	59.1	66.6	52.3	82.3
3:47:35 PM	62.1	70.1	53	89.4
3:48:35 PM	59.9	65.3	52.5	81
3:49:35 PM	53.9	57.5	51.7	72.6
3:50:35 PM	56.8	62.9	49.2	77.3
3:51:35 PM	51.2	54.3	48.2	67.8
3:52:35 PM	55.8	60.6	50.9	74.5
3:53:35 PM	61.4	67.3	53.7	85.7
3:54:35 PM	61.3	68.6	52.7	82.5
3:55:35 PM	60.4	66.3	53.8	80
3:56:35 PM	58.1	66.5	51	81.4
3:57:35 PM	62.6	69.5	50	82.1
3:58:35 PM	57.3	62.7	51.8	78.1
3:59:35 PM	61	68.2	49.2	85.8
4:00:35 PM	56.4	60.9	53.1	75.4
4:01:35 PM	54.1	59.6	49.1	76.9
4:02:35 PM	59	66.7	48.8	85.4
4:03:35 PM	58.7	63.6	54.5	81.2
4:04:35 PM	56.5	65.6	49.9	80.5
4:05:35 PM	59.1	66.2	51.4	81.7
4:06:35 PM	55.2	62.5	50.6	77.7
4:07:35 PM	54.3	59.4	50.6	73
4:08:35 PM	57.3	66.7	51.4	80.5
4:09:35 PM	59.1	66.6	50.3	80.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:10:35 PM	60.1	69.9	52.8	88.4
4:11:35 PM	56.9	64.7	52.5	80.5
4:12:35 PM	56	66	49.6	80.5
4:13:35 PM	52.3	54.1	50.7	68.7
4:14:35 PM	54.1	57.5	49.9	70.4
4:15:35 PM	50	52.6	47.6	68.5
4:16:35 PM	53.9	57.6	51.6	71.2
4:17:35 PM	51.1	53.5	48.6	71.1
4:18:35 PM	55.3	62	48.6	76
4:19:35 PM	53.5	56.7	51.2	72.8
4:20:35 PM	57.8	63.8	51.2	81.2
4:21:35 PM	55.9	62.3	51.4	76.6
4:22:35 PM	52.1	55.6	50.1	70
4:23:35 PM	54.3	60.6	49.7	80.3
4:24:35 PM	54.9	62.6	51	77.2
4:25:35 PM	58.2	67.4	50.7	83.6
4:26:35 PM	53	57.2	50.4	72.1
4:27:35 PM	53.9	55.8	51.7	69
4:28:35 PM	57.8	68.8	50.2	82.6
4:29:35 PM	54.8	61.5	49.6	75.4
4:30:35 PM	58.1	64.7	51.6	80.4
4:31:35 PM	53.3	58.8	49	74.5
4:32:35 PM	54.7	61.4	50.8	73.7
4:33:35 PM	57.1	65.1	49.3	81.9
4:34:35 PM	57.6	63.2	50.4	76.1
4:35:35 PM	54.2	59.2	50.7	72.3
4:36:35 PM	52	58.6	47.9	73.4
4:37:35 PM	52.8	56.4	51	70.4
4:38:35 PM	57.2	63.2	52.7	77.8
4:39:35 PM	55.4	60.4	50.1	75
4:40:35 PM	53	57.1	48.8	70.7
4:41:35 PM	59.8	68.7	48.7	83.4
4:42:35 PM	55.4	61	52.3	78.2
4:43:35 PM	53.6	58.7	50.1	70.8
4:44:35 PM	53.3	59.1	50.1	74
4:45:35 PM	55.4	61.5	49.4	76
4:46:35 PM	55	63.5	49.6	80.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:47:35 PM	56.2	63.8	50.2	79.2
4:48:35 PM	50.8	53.7	49.4	67.1
4:49:35 PM	55.3	59.5	52.6	73.5
4:50:35 PM	61.5	67.9	50.6	82
4:51:35 PM	60	66.6	52.5	80.3
4:52:35 PM	58	63.7	50.1	79.7
4:53:35 PM	52.5	59.9	49.6	76.6
4:54:35 PM	53.1	55.6	50.7	70
4:55:35 PM	52.6	54.9	50.4	69.1
4:56:35 PM	61.3	69.5	53	84
4:57:35 PM	63.7	69.6	52.1	85.1
4:58:35 PM	63.8	70.4	53.8	85.6
4:59:35 PM	55.1	61.8	51.1	76.5
5:00:35 PM	58.5	64.2	54.2	78
5:01:35 PM	56.2	61.6	51	75.9
5:02:35 PM	56.7	63.4	49.9	76.5
5:03:35 PM	51.7	56.5	49.2	70.9
5:04:35 PM	52.8	57	48.2	71
5:05:35 PM	62.3	68.5	51.8	82.4
5:06:35 PM	61	66.8	50	80.1
5:07:35 PM	60.9	66.4	53.4	82.1
5:08:35 PM	62.8	68.7	52.8	83.7
5:09:35 PM	57.6	65.2	49.1	80.1
5:10:35 PM	58.6	64.2	46.8	79.1
5:11:35 PM	56.5	64.8	47.9	79.6
5:12:35 PM	56.7	61.4	51.8	76.7
5:13:35 PM	56	64.1	47.4	79.1
5:14:35 PM	53.1	56.8	49.3	72.2
5:15:35 PM	56.2	61.8	49	78
5:16:35 PM	52.6	59.2	48.7	73.8
5:17:35 PM	56.1	62	49.7	75.8
5:18:35 PM	57.8	64.8	49.4	80.5
5:19:35 PM	53.5	58.7	50.4	73.7
5:20:35 PM	59.1	64.7	51.6	79.8
5:21:35 PM	60.1	67.9	51.1	82.1
5:22:35 PM	62.8	70.5	50.1	86.3
5:23:35 PM	62.3	68	55.5	81.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:24:35 PM	56.9	67.6	50.3	82.7
5:25:35 PM	59.6	67.5	54	78.7
5:26:35 PM	61	71.2	52.9	84.3
5:27:35 PM	59.2	64.7	51.8	80.1
5:28:35 PM	59.3	64.5	54.2	79
5:29:35 PM	59.5	65	50.8	79.3
5:30:35 PM	60.7	65.5	54.6	81.2
5:31:35 PM	58.7	63	51.8	76.8
5:32:35 PM	52.8	57.7	47.8	74.1
5:33:35 PM	57.8	63.7	48.2	78.9
5:34:35 PM	60	67.5	49.6	88.9
5:35:35 PM	56.9	62.8	49.2	82.7
5:36:35 PM	54.1	59.6	50.3	71.8
5:37:35 PM	52.1	57.2	49.6	70.6
5:38:35 PM	54.3	59.9	50.4	75.8
5:39:35 PM	64.7	71.8	52.9	87.2
5:40:35 PM	55.2	59.6	50.1	75.2
5:41:35 PM	55.7	62.7	50	78.7
5:42:35 PM	52.7	54.7	51.1	67.6
5:43:35 PM	53	60	49.4	74.2
5:44:35 PM	53.3	55.9	51.7	73.7
5:45:35 PM	50.8	53.9	49.2	67.3
5:46:35 PM	51.5	53.6	49.7	66.6
5:47:35 PM	52.8	54.5	51.6	67.1
5:48:35 PM	49.1	51.9	47.1	64.1
5:49:35 PM	54.7	61	48.7	74.6
5:50:35 PM	58.2	65.9	50.5	79
5:51:35 PM	54.1	58.9	48.2	73.3
5:52:35 PM	58.1	64.4	53.2	80
5:53:35 PM	50.7	55.2	47.9	69.8
5:54:35 PM	50.3	55.1	48.1	68.7
5:55:35 PM	50.8	53.4	49	65.8
5:56:35 PM	50	52.2	48.3	65
5:57:35 PM	49.8	50.7	48.7	64.5
5:58:35 PM	50.5	51.8	49.7	65
5:59:35 PM	56.6	61.6	49.9	76.4
6:00:35 PM	58.2	66.6	51.8	85.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:01:35 PM	62.2	68.6	53.5	83.5
6:02:35 PM	57.8	63.3	51.1	79.5
6:03:35 PM	56.9	62.1	51.9	76.1
6:04:35 PM	50.4	53.6	47.9	68.6
6:05:35 PM	53.5	56.6	48.7	69.6
6:06:35 PM	53.9	59.1	47.6	74.2
6:07:35 PM	53.9	66	46.3	90.3
6:08:35 PM	50.7	54.7	48.8	67.5
6:09:35 PM	48	50.1	46.4	63.1
6:10:35 PM	51.2	54.2	46.7	66.3
6:11:35 PM	55.1	62.1	50.6	77.6
6:12:35 PM	53.3	60.6	48.8	75.1
6:13:35 PM	52.4	60	50	72.2
6:14:35 PM	55.8	62.5	47.8	75.9
6:15:35 PM	56.4	65.3	49.7	78.7
6:16:35 PM	53.1	58.8	50.5	77.2
6:17:35 PM	59.4	65.8	50.1	80.9
6:18:35 PM	58.9	66.4	50.9	80.8
6:19:35 PM	55.2	61.6	50.3	76.4
6:20:35 PM	50.2	53	48.2	67.5
6:21:35 PM	53.7	56.1	51.9	69.1
6:22:35 PM	51.4	55	48.2	71.6
6:23:35 PM	57.9	67.1	49.9	82.3
6:24:35 PM	54	59.4	49.5	73.2
6:25:35 PM	52.3	58.5	50	71.6
6:26:35 PM	51	54.7	49.2	70.7
6:27:35 PM	51.7	53.1	49.9	67.7
6:28:35 PM	48.4	51.1	46.7	65.7
6:29:35 PM	50.9	52.9	48.7	66.8
6:30:35 PM	54.2	63.3	48.9	81.4
6:31:35 PM	57.1	66	49.8	80.5
6:32:35 PM	53.1	58.4	48.9	74.4
6:33:35 PM	49	51.6	46.7	66.5
6:34:35 PM	49.4	53	46.9	67.3
6:35:35 PM	50.9	54.9	47.6	71
6:36:35 PM	51	54.9	47.6	72.3
6:37:35 PM	52.7	57	50.4	69.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:38:35 PM	53.3	57.2	50.6	71.5
6:39:35 PM	51.5	56	48.8	68.9
6:40:35 PM	52.2	57.8	49.9	73.3
6:41:35 PM	53.6	59.3	46.9	74.6
6:42:35 PM	53.1	58.4	47.2	72.7
6:43:35 PM	54.8	61	51.4	77.1
6:44:35 PM	51.5	59.2	47.7	71.1
6:45:35 PM	53.5	58.8	48.9	73.6
6:46:35 PM	52.5	56.4	49.7	69.3
6:47:35 PM	55.6	61.6	48.4	78
6:48:35 PM	52.1	58.9	49.2	75.2
6:49:35 PM	51.1	55.1	48.9	73.1
6:50:35 PM	52.4	60.8	49.3	73.7
6:51:35 PM	51.1	55.5	46.5	70.1
6:52:35 PM	48.8	52.5	45.7	64.5
6:53:35 PM	52.6	56.7	49.5	70.5
6:54:35 PM	57.1	64.1	49.4	78.7
6:55:35 PM	54.1	62.3	50.1	77.6
6:56:35 PM	56.8	62.4	50.4	76.7
6:57:35 PM	53.9	60.1	49	75.3
6:58:35 PM	55.2	60.4	49.6	75.1
6:59:35 PM	50.8	54.1	47.7	68.2
7:00:35 PM	53.2	59.3	46.4	73.9
7:01:35 PM	55.1	60.3	46.2	76.1
7:02:35 PM	50	53.4	45.7	66.4
7:03:35 PM	51.7	61.7	45.1	73.9
7:04:35 PM	55.9	61.9	48.6	76.1
7:05:35 PM	52.5	60.6	47.5	75.2
7:06:35 PM	53	63.3	47.3	81.5
7:07:35 PM	51.9	58.1	47.6	73.5
7:08:35 PM	53	58.9	49.1	75
7:09:35 PM	59.4	66.3	49.1	81.9
7:10:35 PM	53	58.4	49.3	72
7:11:35 PM	56.3	66.5	47.9	80.2
7:12:35 PM	52.4	58.5	47.8	73.3
7:13:35 PM	50.1	53.8	47.8	67.4
7:14:35 PM	51.1	60.1	47.4	75.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:15:35 PM	57.9	67.3	48	82.2
7:16:35 PM	53.7	64.7	47.9	80.5
7:17:35 PM	52.8	55.9	48.8	70.6
7:18:35 PM	51.9	59.9	48.8	75
7:19:35 PM	57.5	63.5	49.9	81
7:20:35 PM	55.5	63.4	46.5	78.8
7:21:35 PM	54.1	59.5	47.2	78.4
7:22:35 PM	47.6	50.3	46.1	62.9
7:23:35 PM	48	49.9	45.4	63.6
7:24:35 PM	55.7	62.2	45.1	76.2
7:25:35 PM	53.7	58.5	49.4	74.9
7:26:35 PM	53.9	59.3	48	75.2
7:27:35 PM	55.4	60.8	48	75.7
7:28:35 PM	47.1	50.5	45.5	65.4
7:29:35 PM	49.9	52.5	45.8	66
7:30:35 PM	52.9	60.4	45.8	77
7:31:35 PM	50.9	55.2	46.4	67.2
7:32:35 PM	54.7	66.3	49.2	84.1
7:33:35 PM	60.2	67.5	48.8	81
7:34:35 PM	56.7	64	48.1	80
7:35:35 PM	57.7	63.5	49	78.5
7:36:35 PM	50.8	56.1	46.2	73.3
7:37:35 PM	50.8	56.3	46.3	71.6
7:38:35 PM	50	51.8	48.1	66.4
7:39:35 PM	52.7	58	45.7	72.6
7:40:35 PM	55.4	64.6	45.7	80.1
7:41:35 PM	49.4	51.7	47.8	65.7
7:42:35 PM	48.4	50.4	46.4	63.1
7:43:35 PM	49	52.5	46.3	67
7:44:35 PM	47.5	49.2	46.1	62.5
7:45:35 PM	48.8	52.6	46.9	71
7:46:35 PM	49.7	52.6	46.6	69
7:47:35 PM	50.7	54.6	48.9	68.1
7:48:35 PM	56.5	64	47	80.1
7:49:35 PM	52.5	55.4	50.3	69
7:50:35 PM	50.4	53.1	48.5	66.3
7:51:35 PM	49.7	53.3	47	65.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:52:35 PM	53.8	63.5	46.9	77.5
7:53:35 PM	54	62.8	49.4	80.2
7:54:35 PM	54.6	63.8	47.5	76.3
7:55:35 PM	62.2	69.4	50.1	90.1
7:56:35 PM	62.2	69	47.5	84.1
7:57:35 PM	50.2	56.5	47.6	72.2
7:58:35 PM	54.5	61.7	47.3	76.5
7:59:35 PM	50.4	54.8	47.3	67.2
8:00:35 PM	51.6	59.5	46.1	71.6
8:01:35 PM	55.5	62.1	46.3	76.8
8:02:35 PM	53.4	59.4	46	74.7
8:03:35 PM	57.6	61.7	50.2	76.7
8:04:35 PM	51.4	58.3	47	69.9
8:05:35 PM	53.7	61.7	48.7	77.4
8:06:35 PM	56.4	63.8	51	77.4
8:07:35 PM	53	55.7	49.8	69.3
8:08:35 PM	50.3	55.8	47.2	74
8:09:35 PM	49.3	56.9	46.2	72
8:10:35 PM	48.4	55.5	46.4	69.5
8:11:35 PM	57.4	65.4	49.3	77.8
8:12:35 PM	53.1	59.1	47.5	74.5
8:13:35 PM	51	56.6	45.6	71.7
8:14:35 PM	49	54.7	45.1	71.5
8:15:35 PM	51.7	59.9	46.7	74.8
8:16:35 PM	48.8	51.3	45.8	64.6
8:17:35 PM	51.5	57.1	47.5	70.7
8:18:35 PM	52.6	59.8	45.9	75.6
8:19:35 PM	48.6	53.6	45.9	67.2
8:20:35 PM	48.8	51	46.6	65.1
8:21:35 PM	58.5	65.4	50.3	80.7
8:22:35 PM	49.1	54	47.6	71.6
8:23:35 PM	50.2	55	47.3	71.4
8:24:35 PM	49.2	55.4	47	70.4
8:25:35 PM	52.9	61.2	47.5	75
8:26:35 PM	50.8	58	48.3	73.8
8:27:35 PM	50	53.9	47.7	68.7
8:28:35 PM	55.5	64.2	47.2	78.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:29:35 PM	53.7	59	46.8	75.1
8:30:35 PM	50.1	56.9	46.2	72.9
8:31:35 PM	48.9	52	47.5	67.6
8:32:35 PM	48.7	52.6	47	69.6
8:33:35 PM	50	54.8	48.3	68.8
8:34:35 PM	49.4	53.7	47.7	67.1
8:35:35 PM	49.7	57.8	46	73.5
8:36:35 PM	53.2	59.1	47.2	75.8
8:37:35 PM	48.6	54.4	45.7	66.8
8:38:35 PM	49.1	52.2	47.5	64.5
8:39:35 PM	48.6	52.4	47	68.3
8:40:35 PM	48.7	53.3	45.8	68.8
8:41:35 PM	48.8	55	45.3	69.3
8:42:35 PM	51.4	58	45.2	72.5
8:43:35 PM	49.5	52.6	46.6	66.2
8:44:35 PM	47.6	50.2	45.7	64.1
8:45:35 PM	50	52.7	47.1	67.8
8:46:35 PM	48.5	52.4	46.1	68.4
8:47:35 PM	47.9	49.4	46.3	62.6
8:48:35 PM	46.6	49.3	45.7	62.9
8:49:35 PM	49.1	52.8	46.7	67.8
8:50:35 PM	48.6	50.6	47	64
8:51:35 PM	49.2	53.5	44.8	68.7
8:52:35 PM	49.6	52.7	45.2	72.4
8:53:35 PM	48	50.9	45.1	63.9
8:54:35 PM	49	55.3	45.2	69.7
8:55:35 PM	47.3	50.9	45.2	64.1
8:56:35 PM	51.5	59.6	45.5	74
8:57:35 PM	55.2	62.5	47.6	79.3
8:58:35 PM	50.6	58.7	46.4	72.2
8:59:35 PM	49.9	57.3	45	73.3
9:00:35 PM	52.1	63.2	45.2	76.3
9:01:35 PM	55	63	46.2	74.9
9:02:35 PM	47.7	52.1	45.9	66.4
9:03:35 PM	49.2	52.5	45	67
9:04:35 PM	47	52.5	45.1	66.9
9:05:35 PM	48.6	51.4	45.3	64.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:06:35 PM	46.8	49.2	45.4	62.4
9:07:35 PM	57	63.8	48.5	80.5
9:08:35 PM	55.4	62.7	46.7	80.4
9:09:35 PM	52.6	59.8	46.3	73.7
9:10:35 PM	49.3	52.2	45.6	66
9:11:35 PM	48.9	51	46.7	67.9
9:12:35 PM	47	48.4	45.8	62.6
9:13:35 PM	47.4	52.6	44.9	68
9:14:35 PM	48.6	52.4	46.3	70.4
9:15:35 PM	52.6	58.4	47.6	75.4
9:16:35 PM	48.2	50	46.8	65
9:17:35 PM	47.2	53.6	44.9	68.1
9:18:35 PM	50	57.5	46.2	72.4
9:19:35 PM	49.4	54.9	45.4	69.3
9:20:35 PM	47.5	54.4	45.1	69.1
9:21:35 PM	52.4	62.7	45.6	76.6
9:22:35 PM	50.8	57.2	45.8	72.5
9:23:35 PM	47.6	50.3	45.9	66.8
9:24:35 PM	48	49.3	46.5	62.5
9:25:35 PM	46.4	48.7	44.5	61.4
9:26:35 PM	46.1	47.5	44.8	62.5
9:27:35 PM	46.2	50.1	43.9	66.7
9:28:35 PM	44.2	47.6	43	64.9
9:29:35 PM	46.2	47.5	44	60.8
9:30:35 PM	46.7	50	45	63.8
9:31:35 PM	47.1	49.7	44.7	63.4
9:32:35 PM	46.6	52.1	44	67.4
9:33:35 PM	49.5	59.5	44.7	75.8
9:34:35 PM	47.7	53.1	44.5	70.6
9:35:35 PM	49.2	56.8	45	73.8
9:36:35 PM	45.6	47.1	44.3	59.8
9:37:35 PM	45.2	47.9	44.1	62.7
9:38:35 PM	47.7	52.6	46.1	65.5
9:39:35 PM	45.8	47.6	44.4	60.6
9:40:35 PM	46.7	48.9	44.4	61.5
9:41:35 PM	47.2	49.1	45.2	62.5
9:42:35 PM	48.8	52.9	44.9	67.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:43:35 PM	45.8	47.5	44.3	61.1
9:44:35 PM	47.4	51.1	44.3	64
9:45:35 PM	50.4	56.3	44.6	71.8
9:46:35 PM	48	54.2	45.8	68.5
9:47:35 PM	47.8	54.1	45.8	73.6
9:48:35 PM	46	50.6	44.2	63.7
9:49:35 PM	47.8	55.7	43.6	70.5
9:50:35 PM	47.1	51	45.1	64.1
9:51:35 PM	45.5	47.8	44.2	61.1
9:52:35 PM	46.4	48.3	44.7	62.2
9:53:35 PM	46.1	47.9	44.4	60.6
9:54:35 PM	48.8	51.1	47.3	64.5
9:55:35 PM	45.1	49.1	42.5	68.6
9:56:35 PM	49.8	55.1	43.5	70.6
9:57:35 PM	47.3	53.4	44.7	66.5
9:58:35 PM	44.8	46.4	43.6	59.2
9:59:35 PM	47	49.1	45.1	63.2
10:00:35 PM	46.6	48.9	45	61.5
10:01:35 PM	48.4	51.6	45.2	65.9
10:02:35 PM	46.4	49.4	44.9	63
10:03:35 PM	45.7	48.7	44.3	62.7
10:04:35 PM	46.7	48.9	44.5	62.7
10:05:35 PM	47.1	49.4	43.9	62.9
10:06:35 PM	51.1	63.1	43.4	77.7
10:07:35 PM	48.3	52.3	45.8	66.7
10:08:35 PM	46.7	51.9	44.6	67.2
10:09:35 PM	45.5	47.6	44.4	60.8
10:10:35 PM	49.5	54.9	44.3	70.6
10:11:35 PM	49.2	56.4	44.2	68.3
10:12:35 PM	49.4	53.6	44.6	67.3
10:13:35 PM	47	50.2	43.8	63.1
10:14:35 PM	46	47.4	44.9	60.1
10:15:35 PM	46	51.5	43.8	65.1
10:16:35 PM	45.8	47.4	44.3	61.9
10:17:35 PM	46.2	48.2	45	64
10:18:35 PM	45.5	47.4	43.9	61.6
10:19:35 PM	44.9	47.6	43.4	67.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:20:35 PM	47.1	51	44.2	66.3
10:21:35 PM	46.9	50.1	44.5	62.9
10:22:35 PM	47.4	51.5	43.7	64.3
10:23:35 PM	50.9	57.2	47.9	68.9
10:24:35 PM	51.3	59.7	45.3	70
10:25:35 PM	54.3	59.9	49.2	72.9
10:26:35 PM	50	56.6	46	71.1
10:27:35 PM	47.4	52.8	44.2	65.4
10:28:35 PM	50	59	45.4	72.3
10:29:35 PM	45.5	48.5	43.4	62.9
10:30:35 PM	45	47.5	42.8	60.6
10:31:35 PM	46.1	47.6	44.6	60.4
10:32:35 PM	45.1	47.3	43.8	60.6
10:33:35 PM	46.5	49.5	45.1	63.6
10:34:35 PM	47	52.2	44.6	66.9
10:35:35 PM	45.5	47.4	43.6	61.1
10:36:35 PM	47.2	49.4	44.2	63
10:37:35 PM	47.3	51.3	44.7	70.7
10:38:35 PM	49.1	52	46.9	72.3
10:39:35 PM	48.5	53.7	44.7	68.7
10:40:35 PM	44.8	51.4	43.3	61.5
10:41:35 PM	45.1	46.1	44	59.4
10:42:35 PM	47	52.1	43.6	65.3
10:43:35 PM	44.7	48.4	42.7	61.4
10:44:35 PM	44.2	46.3	42.9	59.2
10:45:35 PM	45.2	47.9	44	64
10:46:35 PM	45.9	47.5	43.7	60.7
10:47:35 PM	46.3	47.9	44.4	61.7
10:48:35 PM	43.7	45.1	41.8	58.9
10:49:35 PM	44.3	48.1	42.7	61.9
10:50:35 PM	45.4	48.4	43.4	63.7
10:51:35 PM	45.1	48.6	43.4	61.1
10:52:35 PM	45.4	48	43.6	62
10:53:35 PM	45.3	50	42.8	67.7
10:54:35 PM	43.4	45.5	42.1	57.8
10:55:35 PM	45.4	47.8	43.2	64.1
10:56:35 PM	45.7	50.3	43.7	65.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:57:35 PM	44.5	45.4	43.4	59.5
10:58:35 PM	45.7	47.4	44.2	60.6
10:59:35 PM	45.8	47.6	43.6	61.1
11:00:35 PM	48.7	54.6	46.1	67.4
11:01:35 PM	45	48.4	42.5	64
11:02:35 PM	44.1	46.4	42.5	66.7
11:03:35 PM	45.6	47.4	43.7	60.6
11:04:35 PM	48.5	50.6	45.8	63.8
11:05:35 PM	45	47.5	43.2	61.1
11:06:35 PM	48.4	57.3	43.9	72.2
11:07:35 PM	52.6	59.9	44.1	74.1
11:08:35 PM	47.3	49.7	45.1	65.7
11:09:35 PM	45.5	48.5	43.3	62.1
11:10:35 PM	51.4	59	42.8	71.4
11:11:35 PM	47.7	51.9	43.9	64
11:12:35 PM	47.7	53.6	44.7	67.5
11:13:35 PM	45.5	46.7	44.8	59.9
11:14:35 PM	44.6	46	43.6	59.8
11:15:35 PM	45.2	46.4	43.8	59.3
11:16:35 PM	45	46.7	43.6	60.1
11:17:35 PM	46.9	49.1	44.5	61.8
11:18:35 PM	47.9	50.4	45.1	63.7
11:19:35 PM	47.6	52.5	44.7	65.9
11:20:35 PM	45.3	46.3	44.2	60.3
11:21:35 PM	44.8	45.9	43.7	59.5
11:22:35 PM	45.5	49	43.7	66.2
11:23:35 PM	43.9	45	42.6	58.8
11:24:35 PM	45.2	46.5	43.6	60.7
11:25:35 PM	44.4	45.7	43.4	58.6
11:26:35 PM	45.2	46.7	43.8	60
11:27:35 PM	44.4	45.6	43.4	59.1
11:28:35 PM	43.8	44.9	42.7	57.8
11:29:35 PM	43.9	46.6	42	58.9
11:30:35 PM	51.5	56.7	45.9	69.7
11:31:35 PM	46.5	52.1	43.9	63.1
11:32:35 PM	43.6	44.7	42.5	58
11:33:35 PM	44.6	46.8	43	60.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:34:35 PM	43.4	44.9	42.3	57.9
11:35:35 PM	43.8	47.6	42.4	60.6
11:36:35 PM	43.6	45	42.5	57.4
11:37:35 PM	43.3	45.7	41.7	58.7
11:38:35 PM	44.2	45.8	42.4	58.9
11:39:35 PM	44.7	46.7	43.2	59.6
11:40:35 PM	45.1	46.5	43.9	59.3
11:41:35 PM	45.8	51.4	43.5	63.3
11:42:35 PM	45.7	47.6	43.4	61.8
11:43:35 PM	43.4	44.6	41.9	58
11:44:35 PM	47	52.8	42.1	65
11:45:35 PM	50.6	56.6	44.6	70
11:46:35 PM	46.5	54.4	41.6	67
11:47:35 PM	45.1	48.6	43.5	61.8
11:48:35 PM	44.2	46	42.2	59.2
11:49:35 PM	44.2	46.8	43.1	59.8
11:50:35 PM	44	46.1	41.9	59.4
11:51:35 PM	43.4	46.4	41.3	59.4
11:52:35 PM	42.4	43.1	41.4	56.6
11:53:35 PM	42.9	46.3	40.6	60.5
11:54:35 PM	43.1	45.2	40.9	57.9
11:55:35 PM	44	46.6	41.3	63.5
11:56:35 PM	44.2	48.7	41.4	67.7
11:57:35 PM	44.6	47.8	42.3	61.9
11:58:35 PM	43.9	46.3	42.8	60.6
11:59:35 PM	42.6	44.2	41.6	57.5
3/16/2021 12:00:35 AM	44.7	49.6	42.9	62.6
12:01:35 AM	44.5	46.1	43.4	59.1
12:02:35 AM	43.9	45.8	42.5	58.3
12:03:35 AM	43.6	46.4	41.7	59.2
12:04:35 AM	43	45.4	41.7	58.3
12:05:35 AM	45	48.7	42.1	61.6
12:06:35 AM	48.5	53.3	42.9	65.5
12:07:35 AM	43.3	45.4	42	60.9
12:08:35 AM	42.2	43.9	41.2	56.3
12:09:35 AM	43.6	45.1	42.2	59.9
12:10:35 AM	43	44.8	41.9	57.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:11:35 AM	43.9	46	41.6	59.6
12:12:35 AM	45.7	48.1	43.9	62.1
12:13:35 AM	43.9	46	42.2	58.5
12:14:35 AM	48.6	52.5	44.7	65.7
12:15:35 AM	44.9	46.5	43.6	60.9
12:16:35 AM	42.8	45.7	41.6	57.9
12:17:35 AM	42.3	44	40.3	56.9
12:18:35 AM	43.6	46	40.3	58.7
12:19:35 AM	44.2	48.7	41.1	62.7
12:20:35 AM	42.9	43.9	41.6	58.2
12:21:35 AM	42.2	44.2	40.9	57.1
12:22:35 AM	42.8	44.1	41.3	58.7
12:23:35 AM	42.5	44.3	41.5	58.8
12:24:35 AM	41.1	42.9	39.9	56.3
12:25:35 AM	45.5	47.3	42.2	60.1
12:26:35 AM	48	52.9	45	65.5
12:27:35 AM	44.1	45.6	42.1	59
12:28:35 AM	45.9	48.3	42.4	61.7
12:29:35 AM	42.4	45	40.9	58.1
12:30:35 AM	47.4	52.9	41.7	65.7
12:31:35 AM	45.2	46.2	43.6	60.2
12:32:35 AM	45.9	49.5	43.8	62.8
12:33:35 AM	45.7	49.3	43.2	62.1
12:34:35 AM	44.4	45.4	43.4	58.3
12:35:35 AM	45.6	47.2	44	60.2
12:36:35 AM	44.6	46.2	43.3	58.6
12:37:35 AM	47.1	52.8	43.3	64.3
12:38:35 AM	44.5	46.4	42.8	60
12:39:35 AM	45.6	50.6	42	63.9
12:40:35 AM	46	54.4	43.4	66.9
12:41:35 AM	42.8	44.5	41.5	58
12:42:35 AM	44.6	47.3	41.5	59.8
12:43:35 AM	43.1	46.3	40.1	58.9
12:44:35 AM	45.5	47.6	42	60.8
12:45:35 AM	43.6	45.9	42	61.2
12:46:35 AM	43.8	45.4	42.3	59.5
12:47:35 AM	44.8	47.4	43	61.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:48:35 AM	46	49.5	42.5	61.3
12:49:35 AM	43.1	44.6	41.9	58.4
12:50:35 AM	42.6	43.7	41.3	57.3
12:51:35 AM	42	43.6	40.7	56.9
12:52:35 AM	44.7	46	43.6	58.4
12:53:35 AM	43.7	44.7	42.8	57.6
12:54:35 AM	45	47.4	43.7	59.2
12:55:35 AM	46.3	49	44.1	61.9
12:56:35 AM	44.8	47.6	43.7	60.1
12:57:35 AM	45.1	47.6	43.2	59.6
12:58:35 AM	42.8	44.3	41.3	57
12:59:35 AM	44.7	47.8	43.2	60.1
1:00:35 AM	46	48.7	42.7	61.9
1:01:35 AM	42.5	43.4	41.2	57.3
1:02:35 AM	42.2	43.4	41.3	58.2
1:03:35 AM	42.9	44.2	41.5	58.2
1:04:35 AM	42.8	44.2	41.2	56.8
1:05:35 AM	42.5	45.6	40.5	59.3
1:06:35 AM	44.4	47	41.3	60.5
1:07:35 AM	46.1	51.6	41.1	63.7
1:08:35 AM	45.3	49.3	42.5	65.4
1:09:35 AM	45.5	50.8	42.1	63.6
1:10:35 AM	44.4	48.9	40.4	71.8
1:11:35 AM	42.9	48.9	41.1	73.8
1:12:35 AM	44	46.2	42.3	59.1
1:13:35 AM	44.3	48	41.3	61.6
1:14:35 AM	42.9	44.8	41.5	57.7
1:15:35 AM	43.3	44.8	41.8	58.6
1:16:35 AM	42.1	43.8	41.1	56.2
1:17:35 AM	43.1	44.6	41.6	57.5
1:18:35 AM	42.2	43.4	41.1	56.8
1:19:35 AM	44.2	45.6	42.5	58.2
1:20:35 AM	46.1	48.5	44.3	61.5
1:21:35 AM	46.2	51.2	44.4	63.6
1:22:35 AM	44.7	46.4	42.8	59.4
1:23:35 AM	45	46.3	42.8	60.4
1:24:35 AM	45.2	47.3	43.6	60.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:25:35 AM	43.8	45.9	41.3	58.7
1:26:35 AM	44.5	46.4	41.5	58.8
1:27:35 AM	45.7	48.5	44.1	61.6
1:28:35 AM	44.6	47.3	42.6	61.3
1:29:35 AM	45.3	47.3	43.1	60.7
1:30:35 AM	44.4	46.8	42	58.9
1:31:35 AM	43.9	45.8	42.6	58.8
1:32:35 AM	45.4	46.5	43.7	59.9
1:33:35 AM	47.1	50.6	43.9	64.8
1:34:35 AM	44.7	47.8	42.3	60
1:35:35 AM	46.7	49.8	44.5	63.5
1:36:35 AM	44.6	47.1	43.2	59.7
1:37:35 AM	45.8	48.5	43.8	61.3
1:38:35 AM	44.3	45.7	43	58.5
1:39:35 AM	46	48.9	44.2	61.5
1:40:35 AM	46.4	50.4	44	62.9
1:41:35 AM	47.1	49.3	45	61.8
1:42:35 AM	46.9	50	45.4	63.3
1:43:35 AM	51	57.7	46.9	69.5
1:44:35 AM	50.4	57.7	45.8	69.8
1:45:35 AM	48.9	50	47	63.1
1:46:35 AM	46.4	49.4	43.7	62.1
1:47:35 AM	44.9	45.8	43.8	59.5
1:48:35 AM	44.5	45.5	43.7	59.9
1:49:35 AM	45.6	51.6	43.9	63.8
1:50:35 AM	52.4	55.5	47.4	67.8
1:51:35 AM	52.5	53.8	50.4	66.2
1:52:35 AM	47.3	50.4	45.7	61.8
1:53:35 AM	47	50.7	43.8	62.6
1:54:35 AM	44.7	47.7	43.1	66.1
1:55:35 AM	44.6	48.4	43.1	66.5
1:56:35 AM	44.4	45.9	43.2	61.4
1:57:35 AM	45.1	47	44.1	59.3
1:58:35 AM	45.4	48.9	43.3	65.4
1:59:35 AM	44.9	46.8	43.1	60.1
2:00:35 AM	46.4	49	43.7	63
2:01:35 AM	45.9	48.2	44	61.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:02:35 AM	47.6	50.8	46.5	65.9
2:03:35 AM	49.2	51.8	46.6	67.7
2:04:35 AM	47.8	50.6	46	62.5
2:05:35 AM	46.2	47.7	44.9	60.2
2:06:35 AM	46	47.8	44.2	61.2
2:07:35 AM	46.3	47.7	44.8	60.2
2:08:35 AM	47.1	48.3	45.8	60.9
2:09:35 AM	47.9	49.4	46.2	62.2
2:10:35 AM	47.7	50.3	45.3	62.7
2:11:35 AM	45.7	47	44.3	59.9
2:12:35 AM	46	47	44.6	60.9
2:13:35 AM	45.9	47	44.7	59.4
2:14:35 AM	46.7	48.3	45	61.2
2:15:35 AM	47.4	49.5	45.9	62
2:16:35 AM	47.4	49.1	46.1	61.9
2:17:35 AM	47.7	49.2	46.1	63
2:18:35 AM	46.4	48.9	44.9	61.9
2:19:35 AM	45.5	46.9	44	60.2
2:20:35 AM	47	49	44.4	61.6
2:21:35 AM	49.9	52.1	44.7	64.6
2:22:35 AM	45.5	46.9	44.3	60.1
2:23:35 AM	44	46.1	42	58.6
2:24:35 AM	46.1	48.2	43.8	60.5
2:25:35 AM	45.5	46.7	44	60.7
2:26:35 AM	44.1	47.4	42.9	60.8
2:27:35 AM	47.5	50.5	45.4	63.5
2:28:35 AM	46.8	49	44.4	61.6
2:29:35 AM	47.3	48.7	45.9	61.5
2:30:35 AM	46.2	48.1	44.4	60.7
2:31:35 AM	46.4	48.5	45.5	60.8
2:32:35 AM	47.6	49.5	46.2	61.3
2:33:35 AM	48.1	50	46.5	62.9
2:34:35 AM	47.4	48.9	46	62
2:35:35 AM	48	49.9	46.2	63.3
2:36:35 AM	48.1	53.1	44.9	64.6
2:37:35 AM	47.3	49.8	44.7	62.4
2:38:35 AM	46.7	51.5	44.2	64.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:39:35 AM	47.7	50.3	46.3	62.1
2:40:35 AM	48.6	51.1	46.1	63.3
2:41:35 AM	46.8	49.8	45.5	62.8
2:42:35 AM	46.4	48.5	43.9	61.9
2:43:35 AM	46.2	50.1	43.1	62.4
2:44:35 AM	47.1	50.7	45	63.6
2:45:35 AM	46	47.2	44.7	60.3
2:46:35 AM	48.9	52.5	46	66
2:47:35 AM	45.3	48.1	41.1	60.5
2:48:35 AM	41.6	43.2	39.9	56.3
2:49:35 AM	43.1	49.8	40	62.7
2:50:35 AM	45.3	49.7	41.5	62.1
2:51:35 AM	47.1	51.7	41.9	65.4
2:52:35 AM	45.7	47.6	43.3	60.8
2:53:35 AM	44.8	46.2	43.6	59.1
2:54:35 AM	47.8	51.7	44.2	64.3
2:55:35 AM	47.8	51.6	43.6	64.8
2:56:35 AM	43.7	45.1	42.7	59.2
2:57:35 AM	47.4	50.9	43.1	62.9
2:58:35 AM	44.1	47.6	40.7	62.1
2:59:35 AM	43.3	46.9	40.8	60
3:00:35 AM	45.1	47.8	43	60.7
3:01:35 AM	45.5	47.3	44.1	60.5
3:02:35 AM	44.7	46.5	42.8	59.3
3:03:35 AM	46.1	49.9	42.8	62.9
3:04:35 AM	46.7	51.1	42.4	63.4
3:05:35 AM	47	50.9	43.9	64.5
3:06:35 AM	47.5	51.3	45.4	63.1
3:07:35 AM	46.1	49.5	44	61.7
3:08:35 AM	45.8	48.1	43.5	61
3:09:35 AM	45.8	47.5	43.9	60.3
3:10:35 AM	45.4	49.4	43.3	63.5
3:11:35 AM	45.3	47.5	43.5	61.1
3:12:35 AM	47	53	45	74.4
3:13:35 AM	44.6	47.3	42	64.2
3:14:35 AM	46.5	49.7	42	61.7
3:15:35 AM	44.8	49.4	41.9	70

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:16:35 AM	44.9	50.4	42.3	63.2
3:17:35 AM	45.7	47.8	43.6	60.6
3:18:35 AM	45.2	48.7	43.9	61.6
3:19:35 AM	45.2	48.5	43.3	61.1
3:20:35 AM	46.4	50.1	44.7	63.1
3:21:35 AM	45.5	49.5	42.3	61.5
3:22:35 AM	46.5	49.5	44	62.4
3:23:35 AM	45.9	48.3	44.5	60.7
3:24:35 AM	45.6	47.1	43.7	60.4
3:25:35 AM	45.5	46.8	44.1	59.6
3:26:35 AM	46.4	48	44.7	60.4
3:27:35 AM	45.9	47.9	44.5	61.5
3:28:35 AM	45.8	47.1	44	61.2
3:29:35 AM	46	48.1	44.3	61.6
3:30:35 AM	47.4	48.4	46	62.6
3:31:35 AM	47.1	49.8	45.4	62.8
3:32:35 AM	46.7	49.5	44	61.8
3:33:35 AM	47.5	48.7	45.3	62.3
3:34:35 AM	46.9	48.5	44.9	61.5
3:35:35 AM	47.3	48.7	45.9	61.3
3:36:35 AM	47.2	49.7	45.1	62.2
3:37:35 AM	47.4	48.7	45.8	61.6
3:38:35 AM	47.6	49.4	46.1	62.9
3:39:35 AM	47.2	49.2	45.9	62.8
3:40:35 AM	48	50.3	45.7	63.1
3:41:35 AM	48.7	50	47.2	63
3:42:35 AM	52.7	62.2	47.6	74.8
3:43:35 AM	52.5	62.4	47.4	75.5
3:44:35 AM	47.9	49.7	46.6	63.7
3:45:35 AM	47.6	49.4	46	62.4
3:46:35 AM	46.8	48	45.2	60.5
3:47:35 AM	46.2	47.3	44.6	60.7
3:48:35 AM	46.5	48.3	44.1	60.9
3:49:35 AM	48.2	49.9	46.4	63.4
3:50:35 AM	47.7	49.5	46.5	61.9
3:51:35 AM	49.4	51.9	47.1	63.6
3:52:35 AM	49.1	52	46.5	63.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:53:35 AM	46.9	48.4	45.7	61
3:54:35 AM	47	48.8	45.4	61.6
3:55:35 AM	46.2	47.5	44.7	60.9
3:56:35 AM	46.2	47.9	44.6	60.6
3:57:35 AM	47.3	50	45.7	62
3:58:35 AM	46.2	47.6	44.8	60.8
3:59:35 AM	47.1	48.2	45.4	61.7
4:00:35 AM	46.5	48.2	44.5	62.6
4:01:35 AM	45.3	47.7	44.1	61.6
4:02:35 AM	45.8	48.7	44.7	60.3
4:03:35 AM	46.2	47	45.4	60.3
4:04:35 AM	45.8	47.3	45	60.5
4:05:35 AM	48.4	51.3	46.6	62.7
4:06:35 AM	48.1	51.1	46.2	64.2
4:07:35 AM	47.5	48.8	46.4	61.8
4:08:35 AM	47.6	48.9	46.4	61.7
4:09:35 AM	46.9	48.1	45.3	61.6
4:10:35 AM	47	48.2	45.7	61
4:11:35 AM	47.1	49.1	45.5	60.9
4:12:35 AM	46.7	48.6	45.2	60.9
4:13:35 AM	48.2	50.5	46.3	64.3
4:14:35 AM	48.5	51.4	46.7	64.3
4:15:35 AM	48.1	51.1	46.3	63.9
4:16:35 AM	48.4	50	46.7	63.1
4:17:35 AM	47.6	49.9	45.7	62.5
4:18:35 AM	47.8	49.5	46.2	62.2
4:19:35 AM	47.1	48.6	46.1	62.1
4:20:35 AM	47.6	50.7	45.4	62.7
4:21:35 AM	48.1	50.7	46	63.5
4:22:35 AM	48.3	49.6	47.3	63
4:23:35 AM	47.5	48.5	46.6	61.7
4:24:35 AM	49.4	50.8	47.2	64
4:25:35 AM	47.1	50.1	45.9	62
4:26:35 AM	50.5	57.6	46.6	70.4
4:27:35 AM	52.1	60.3	48.8	73.5
4:28:35 AM	49.8	51	48.9	63.7
4:29:35 AM	49.7	51.4	48	64.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:30:35 AM	50.3	51.5	48.4	65.6
4:31:35 AM	49.9	53.9	47.8	69.3
4:32:35 AM	50.4	52.8	47.6	65.3
4:33:35 AM	48.8	51.5	47.1	63.5
4:34:35 AM	49.4	58.4	47.3	73.4
4:35:35 AM	48.4	50.9	46.9	63.9
4:36:35 AM	48.4	50.9	46.7	62.8
4:37:35 AM	48.4	50.3	47.1	63.5
4:38:35 AM	47.7	49.6	46.5	62.5
4:39:35 AM	47.8	49.1	46.6	62.6
4:40:35 AM	48.1	50	46.4	62.8
4:41:35 AM	51.2	54.6	48.4	70.1
4:42:35 AM	52.1	57	48.9	69.5
4:43:35 AM	52.4	55.2	50.4	68.8
4:44:35 AM	49.4	57.1	45.6	71.2
4:45:35 AM	48.9	52.4	46.1	65.1
4:46:35 AM	49.7	52.7	48	65.2
4:47:35 AM	49.9	52.9	46.9	65.8
4:48:35 AM	51.7	54.2	46.8	66.7
4:49:35 AM	49.1	52.8	46.1	65.6
4:50:35 AM	48.5	52.2	45	65.5
4:51:35 AM	49.4	52.7	46.5	65.7
4:52:35 AM	50.8	54	45.3	67.2
4:53:35 AM	48.6	51.3	46.3	63.4
4:54:35 AM	49.2	51.5	46.6	65.8
4:55:35 AM	50.2	52.5	46.9	65.1
4:56:35 AM	46.9	48.7	45.4	61.9
4:57:35 AM	49.5	51.1	48.1	63.7
4:58:35 AM	49	50.8	47	68.7
4:59:35 AM	48.4	49.9	47	62.5
5:00:35 AM	50	52	47.5	65.3
5:01:35 AM	50.4	52.7	47.8	65.1
5:02:35 AM	49.4	53.3	46.9	68.1
5:03:35 AM	51	56.5	46.5	69.1
5:04:35 AM	48.2	49.9	46.3	62.9
5:05:35 AM	50.7	54.9	45.3	68.1
5:06:35 AM	49.1	53.2	46.4	66.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:07:35 AM	49.2	51.2	46.3	64.7
5:08:35 AM	51.3	54	46	68.4
5:09:35 AM	48.7	52.2	45.4	64.7
5:10:35 AM	49.9	52.5	45.7	65.7
5:11:35 AM	49.3	51.8	47.1	65.2
5:12:35 AM	48.5	52.3	46.3	65.6
5:13:35 AM	48.5	50.4	47.2	64.5
5:14:35 AM	50.8	52.5	48.6	65.3
5:15:35 AM	51.4	52.9	48.9	66.3
5:16:35 AM	52.1	53.4	50.3	66.2
5:17:35 AM	50.1	51.1	49	63.8
5:18:35 AM	50.3	52.7	48.5	67
5:19:35 AM	51.7	53.4	49.7	65.9
5:20:35 AM	51.5	55.4	49.2	69.1
5:21:35 AM	50.3	53.6	48.9	66.7
5:22:35 AM	51.8	54.2	49.5	67.1
5:23:35 AM	51.3	52.5	49.8	65.5
5:24:35 AM	50.1	51.2	48.6	64.8
5:25:35 AM	50.3	51.4	49.1	65.6
5:26:35 AM	50.2	52.6	48.5	65.8
5:27:35 AM	51.1	52.5	50	65.5
5:28:35 AM	50.7	51.9	49.2	65.4
5:29:35 AM	50	51.1	49.1	64.4
5:30:35 AM	50.3	52.4	48.6	65.1
5:31:35 AM	51.9	53.2	50.7	66.4
5:32:35 AM	49.5	51.7	47.1	64.5
5:33:35 AM	50.2	53.1	47.2	65.4
5:34:35 AM	52	56.2	50.5	69.6
5:35:35 AM	50.3	51.9	48.5	65.6
5:36:35 AM	51.9	53.8	50.5	65.9
5:37:35 AM	50.8	52	49.5	64.6
5:38:35 AM	51.8	53.5	50.6	67.5
5:39:35 AM	51.8	53.8	49.9	66.6
5:40:35 AM	50.5	52.1	49.5	64.9
5:41:35 AM	51.8	53.1	50.5	66.1
5:42:35 AM	50.8	52.1	49.3	66.5
5:43:35 AM	52.1	54.4	50.5	66.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:44:35 AM	51.4	52.8	50.1	65.4
5:45:35 AM	50.6	53.4	49.4	66.6
5:46:35 AM	52.6	54.7	50.8	67.1
5:47:35 AM	51	52.8	50	67.3
5:48:35 AM	49.8	53.6	47.8	66.8
5:49:35 AM	50.5	54.9	47.5	67.2
5:50:35 AM	52.5	53.6	51.7	66.5
5:51:35 AM	51.3	52	50.3	65.3
5:52:35 AM	51.4	53.2	50.1	66.4
5:53:35 AM	50.7	52.2	49.3	65.1
5:54:35 AM	52.2	53.5	50.9	66.4
5:55:35 AM	52.5	55.1	51.4	67.7
5:56:35 AM	50.2	53	48.3	67.4
5:57:35 AM	50.6	52.3	49	65.5
5:58:35 AM	50.8	52.4	49.5	65.1
5:59:35 AM	52.1	57	50.1	69.3
6:00:35 AM	51	52.3	50	65.1
6:01:35 AM	50.5	52.1	49.4	67.9
6:02:35 AM	51.4	52.3	50.5	65.9
6:03:35 AM	50.6	51.9	49.5	65.3
6:04:35 AM	52.5	53.7	51.7	66.5
6:05:35 AM	51.2	52.7	50	66.8
6:06:35 AM	51.9	54.3	50.7	67.5
6:07:35 AM	52.1	53.8	49.6	66.2
6:08:35 AM	52.4	54.1	50.1	67.5
6:09:35 AM	52.8	55.4	50.3	67.4
6:10:35 AM	53.1	57.9	49.9	71.2
6:11:35 AM	53.5	55.5	51.9	67.9
6:12:35 AM	51.6	55.8	49.8	68.6
6:13:35 AM	51.9	53.2	49.6	66
6:14:35 AM	51.8	53	50.5	67.1
6:15:35 AM	52	53.3	51	66.3
6:16:35 AM	52.3	53.1	51.2	66.5
6:17:35 AM	51.7	53	50.3	66.3
6:18:35 AM	53.2	54.2	52.4	67.3
6:19:35 AM	53.9	58.1	51.4	69.8
6:20:35 AM	53.2	54.6	52	67.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:21:35 AM	51.8	53.5	48.6	66.1
6:22:35 AM	51.3	52.8	48.6	66.3
6:23:35 AM	52.7	53.8	50.6	67.1
6:24:35 AM	52.4	54.3	50.5	66.8
6:25:35 AM	52.8	54.4	51	67.5
6:26:35 AM	52.6	55.1	49.8	67.4
6:27:35 AM	52.9	54	52.1	67.3
6:28:35 AM	53.3	54.8	51.7	68.3
6:29:35 AM	52.6	53.8	51.2	67.8
6:30:35 AM	52.5	53.5	51	67
6:31:35 AM	52.1	54.8	49.8	67.7
6:32:35 AM	54.7	57	53.2	70.1
6:33:35 AM	52.9	54.6	50.7	67.8
6:34:35 AM	53	54.1	51.4	67.8
6:35:35 AM	52.9	54.2	52.1	69.5
6:36:35 AM	52.3	53.2	51.6	66.6
6:37:35 AM	52.6	54.1	51.8	66.6
6:38:35 AM	52.5	53.8	51.3	67.2
6:39:35 AM	52.7	55	51.9	68.8
6:40:35 AM	52.5	53.5	51.1	66.3
6:41:35 AM	53	57.2	50.6	70.5
6:42:35 AM	52.2	53.3	50.6	66.3
6:43:35 AM	51.4	53	50.1	66.1
6:44:35 AM	53.8	55.3	52.2	67.5
6:45:35 AM	52.4	54.1	51.3	67.5
6:46:35 AM	54.1	55.9	52.7	68.9
6:47:35 AM	52	53.8	50.4	66.6
6:48:35 AM	51.4	54.2	49.1	67.1
6:49:35 AM	55.1	61.9	51.5	74.2
6:50:35 AM	53.8	57.9	51.3	70.6
6:51:35 AM	54	55	53	68.5
6:52:35 AM	53.2	54.4	52.5	67
6:53:35 AM	54.9	56.8	53.6	69.7
6:54:35 AM	53.2	55.7	51.4	68.5
6:55:35 AM	52.1	53.5	51.1	66.3
6:56:35 AM	51.2	51.9	49.9	65.3
6:57:35 AM	51.7	53.3	50.3	66.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:58:35 AM	52.3	53.5	51.5	66.9
6:59:35 AM	51.9	53.2	50.4	67
7:00:35 AM	51.3	53.3	50.1	66.8
7:01:35 AM	51.1	52.4	49.7	66.3
7:02:35 AM	53.4	56.6	52.1	71
7:03:35 AM	55.2	58.6	51.3	73.7
7:04:35 AM	54.7	57.8	50.9	73
7:05:35 AM	54.5	58.5	51.6	72.9
7:06:35 AM	53.4	56.1	50	71.2
7:07:35 AM	54.1	57.3	51.5	70.2
7:08:35 AM	52.9	56	50.8	69.6
7:09:35 AM	52.4	54.4	50.7	70.1
7:10:35 AM	51.9	54.4	49.4	69
7:11:35 AM	52.9	54.6	50.1	69.1
7:12:35 AM	53.8	55.5	51	70
7:13:35 AM	53	55.6	50.3	71.3
7:14:35 AM	52.8	55	50.4	69
7:15:35 AM	51.9	54.2	49.3	66.7
7:16:35 AM	50.8	52.1	49.6	66
7:17:35 AM	50.4	51.6	49.5	64.8
7:18:35 AM	53.9	56.7	49.6	69.8
7:19:35 AM	50.7	52.6	48.8	66.1
7:20:35 AM	51.5	54.3	48.8	67.5
7:21:35 AM	52.1	56	49.8	71.7
7:22:35 AM	54.2	59	50.1	72.7
7:23:35 AM	51.2	52.3	50.2	65.5
7:24:35 AM	51.6	58.1	47.9	70.4
7:25:35 AM	50.4	52	48.1	66.4
7:26:35 AM	50.9	52.7	49.7	65.4
7:27:35 AM	50.5	52.8	49.5	67.5
7:28:35 AM	49.7	51.8	48.3	65.9
7:29:35 AM	51.9	53.6	49	67.2
7:30:35 AM	51.2	52.4	50.1	66
7:31:35 AM	50.8	52.7	49.1	65.8
7:32:35 AM	50.4	52.6	48.9	67.1
7:33:35 AM	51	52.7	49.6	68.7
7:34:35 AM	53.1	62	49.4	74.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:35:35 AM	54.2	63.3	51.9	76.9
7:36:35 AM	52.4	53.5	51.3	66.9
7:37:35 AM	52.7	56.7	51.1	69.4
7:38:35 AM	51	53.1	49.7	65.6
7:39:35 AM	50.6	51.5	49.7	64.8
7:40:35 AM	51.5	54.3	48.4	68.1
7:41:35 AM	51.6	53.4	48.7	70.6
7:42:35 AM	52.1	55	49.9	77.2
7:43:35 AM	49.9	52.3	48.5	71
7:44:35 AM	51.9	53	50.5	67.8
7:45:35 AM	50.2	51.8	48.7	70.8
7:46:35 AM	50.4	51.8	48.9	64.2
7:47:35 AM	51.6	53.9	49.7	66.9
7:48:35 AM	51.9	53.8	50.5	66.9
7:49:35 AM	51.3	54	49.9	74.1
7:50:35 AM	51.4	54.1	49.9	69.3
7:51:35 AM	51.1	52.5	50	69.6
7:52:35 AM	51.9	53.1	50.9	65.8
7:53:35 AM	53	55.9	51	69
7:54:35 AM	51.8	54.3	50	67.5
7:55:35 AM	51.7	53.5	50.5	66.5
7:56:35 AM	52.1	54.3	49.8	66.8
7:57:35 AM	51.6	54	48.8	68.4
7:58:35 AM	52.1	55.2	50.2	70.6
7:59:35 AM	51.6	53.6	49.9	67.5
8:00:35 AM	52.2	54.2	49.3	67.8
8:01:35 AM	51.5	52.6	50.2	65.6
8:02:35 AM	52.1	53.6	50.7	67.3
8:03:35 AM	52.2	54.5	50.4	67.1
8:04:35 AM	51.5	54.6	49.2	67.6
8:05:35 AM	54.1	58.9	50.1	71.1
8:06:35 AM	53.5	56.8	50.5	69.6
8:07:35 AM	52.7	54.4	51	68.4
8:08:35 AM	51.7	55.7	49.4	67.2
8:09:35 AM	51.3	53.9	49.3	66.7
8:10:35 AM	52.1	54.8	49.9	70
8:11:35 AM	51.4	55.3	47.3	67.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:12:35 AM	49.9	52.2	46.9	66.3
8:13:35 AM	50.2	53.7	48.1	71.5
8:14:35 AM	52.3	55.5	49.6	68
8:15:35 AM	52.7	55.2	48.6	67
8:16:35 AM	52.3	53.6	49.9	67.2
8:17:35 AM	52.4	55	50.4	68
8:18:35 AM	57	69.8	48.7	89.1
8:19:35 AM	51.8	53.3	49.9	66
8:20:35 AM	53.2	57.6	49	72
8:21:35 AM	53.5	57.2	50.3	68.9
8:22:35 AM	55.5	57.2	52	70.9
8:23:35 AM	53.3	57.3	51	71.4
8:24:35 AM	55.6	58.4	52.8	71.9
8:25:35 AM	52.9	55.3	50.8	67.4
8:26:35 AM	55.1	57.3	52.1	69.4
8:27:35 AM	54	56.8	51	72.7
8:28:35 AM	52.5	55	50.1	68.1
8:29:35 AM	54.7	57	52.2	70.8
8:30:35 AM	55.7	57.4	53.3	70.9
8:31:35 AM	55.6	57.5	52.2	72.3
8:32:35 AM	55.6	62	51.1	75.8
8:33:35 AM	56.7	58.8	54.8	71.2
8:34:35 AM	54.2	55.9	51.6	68.8
8:35:35 AM	55.4	57.9	51.2	71.1
8:36:35 AM	54.4	57.4	51.1	70.3
8:37:35 AM	56.5	58.7	51.8	71.5
8:38:35 AM	55.3	57.9	53.1	69.9
8:39:35 AM	57.9	60.6	54.3	73.1
8:40:35 AM	56.2	58.2	53.5	73.2
8:41:35 AM	55	59.3	51.6	73.4
8:42:35 AM	56.8	59.9	53.8	73.9
8:43:35 AM	55.6	58.3	53.3	73.1
8:44:35 AM	57.6	60.6	53.6	73.7
8:45:35 AM	56.1	58.3	54.1	73.2
8:46:35 AM	55.8	59.3	53.4	73.1
8:47:35 AM	55.6	59.9	53.2	72.8
8:48:35 AM	52.7	56.1	50.8	69.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:49:35 AM	54.1	57.7	52.1	69.3
8:50:35 AM	51.7	54.6	49.5	67.1
8:51:35 AM	55.3	61.2	50.2	75.3
8:52:35 AM	52.1	53.3	50.7	67.1
8:53:35 AM	53.8	59	49.5	72.3
8:54:35 AM	54.8	59.9	50.1	74.2
8:55:35 AM	52.2	54.9	51.2	66.6
8:56:35 AM	53.3	56.2	51.3	70.5
8:57:35 AM	53.8	57	50.8	70.9
8:58:35 AM	51.7	56.3	48.9	70
8:59:35 AM	51.3	53.3	50.4	65.9
9:00:35 AM	50.6	52.8	48.5	65.3
9:01:35 AM	49.9	53.4	47.9	67.5
9:02:35 AM	51.2	53.5	48.2	66
9:03:35 AM	52.1	55.5	47.9	71.4
9:04:35 AM	49	51	47.2	65.1
9:05:35 AM	51.3	53.9	49.1	69.1
9:06:35 AM	49.5	56.1	47.6	73.3
9:07:35 AM	51.2	54.6	48.6	68.8
9:08:35 AM	50.7	54.3	47.3	69
9:09:35 AM	50.9	55.3	47.7	70.7
9:10:35 AM	52.1	59.3	47.7	74.7
9:11:35 AM	49.6	52.1	47.6	67.1
9:12:35 AM	47.8	49.6	45.5	62.4
9:13:35 AM	48.8	50.4	46.1	64.1
9:14:35 AM	50.9	55.2	46.3	66.5
9:15:35 AM	53.2	60	46	70.2
9:16:35 AM	54.7	60.8	46	75
9:17:35 AM	52.5	62.5	45.7	75.6
9:18:35 AM	52.3	66.3	46.6	83.7
9:19:35 AM	48.6	56.3	46.6	74.1
9:20:35 AM	48.5	55.9	46.6	71.5
9:21:35 AM	48.6	54	45.1	70.4
9:22:35 AM	59.5	67.1	47.8	79
9:23:35 AM	51.1	56.7	47.8	71.4
9:24:35 AM	47.6	50.4	45.1	65.3
9:25:35 AM	47.7	51.5	44.9	66.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:26:35 AM	46	48.5	44.3	62.5
9:27:35 AM	47.4	49.4	44.9	63.1
9:28:35 AM	44.8	46.9	43.2	62.3
9:29:35 AM	47.6	51.1	44.7	68
9:30:35 AM	45.8	47.3	44.7	62.1
9:31:35 AM	45.7	47.6	44.2	61.8
9:32:35 AM	45.9	48.3	43.7	63.3
9:33:35 AM	46.8	48.4	45.4	62
9:34:35 AM	46.2	49.2	44.4	63.2
9:35:35 AM	47	52.2	45	66.8
9:36:35 AM	46.9	50.2	42.5	61.9
9:37:35 AM	44.8	46.6	42.5	59.9
9:38:35 AM	44.8	46.9	43.3	60
9:39:35 AM	44.6	49	42.8	64.7
9:40:35 AM	45.4	47.4	43.3	60.6
9:41:35 AM	48.3	60.6	43.4	77.7
9:42:35 AM	46.9	49.9	44.4	65.7
9:43:35 AM	45.9	49.9	44.3	67.4
9:44:35 AM	46.2	47.7	44.5	61
9:45:35 AM	43.6	45.4	42.2	59.8
9:46:35 AM	46	50.8	43.1	67.2
9:47:35 AM	46.8	50	44.6	62.7
9:48:35 AM	46.9	50.7	44.4	68.1
9:49:35 AM	46.1	47.3	45	60.6
9:50:35 AM	46.1	47.7	44.4	60.7
9:51:35 AM	45.5	48.1	43	61.8
9:52:35 AM	46.8	51.5	43.5	68.2
9:53:35 AM	47.8	49.7	45.5	63.7
9:54:35 AM	45.1	46.9	43.9	60
9:55:35 AM	44.8	47.5	43.1	61.6
9:56:35 AM	43.9	46.9	41.5	60.3
9:57:35 AM	47.6	51.6	43.8	67.2
9:58:35 AM	48.5	52.3	45.5	65.3
9:59:35 AM	47.3	50.8	44.3	65.2
10:00:35 AM	45.6	49.4	43.7	69.2
10:01:35 AM	44.5	46.6	43.2	61.2
10:02:35 AM	53.8	63.8	44	79.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:03:35 AM	44.8	48.3	42.3	61.2
10:04:35 AM	45.2	50.1	41.2	65.9
10:05:35 AM	43.9	47.9	42.2	68.5
10:06:35 AM	46.3	51.4	42.7	73.7
10:07:35 AM	48.4	57	44.2	74.1
10:08:35 AM	46.8	52.9	43.4	69.5
10:09:35 AM	44.3	46.7	42.4	62.9
10:10:35 AM	45.3	46.6	44	61.4
10:11:35 AM	45.1	47	41.9	62
10:12:35 AM	46.4	49.1	43.6	63.9
10:13:35 AM	45.3	48	42.3	64.3
10:14:35 AM	45.4	48.6	42.1	62.8
10:15:35 AM	45.7	48.2	43	62
10:16:35 AM	45.5	47.7	43.5	64.4
10:17:35 AM	46.6	50.2	44.3	66
10:18:35 AM	45.6	48.1	42.2	68.3
10:19:35 AM	45.9	50.6	42.2	68.2
10:20:35 AM	44.5	48	40.4	61.9
10:21:35 AM	44.9	46.4	42.5	59.5
10:22:35 AM	45.1	48.5	41.9	62.5
10:23:35 AM	44	47.1	42.1	60.1
10:24:35 AM	41.9	43.5	40	60.4
10:25:35 AM	43.4	44.5	42.5	61.1
10:26:35 AM	45.3	52.7	42.7	72.7
10:27:35 AM	57.3	68.8	44.4	85.1
10:28:35 AM	53.8	65.1	44.4	93
10:29:35 AM	44.8	47.5	43.5	61.3
10:30:35 AM	47.2	50.5	44.1	64.7
10:31:35 AM	46.4	49.8	44.4	64.4
10:32:35 AM	47	50.9	42.7	64.4
10:33:35 AM	43.9	47.3	42.2	61.5
10:34:35 AM	45.6	48.9	43.6	64.8
10:35:35 AM	42.9	45.4	40.8	66.6
10:36:35 AM	47.6	50.7	42.5	63.8
10:37:35 AM	44.8	48.3	42.4	61.5
10:38:35 AM	45.3	48.2	43	62.8
10:39:35 AM	44.6	49.7	42.6	63.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:40:35 AM	47.9	58.2	42.7	72.6
10:41:35 AM	55.7	62.9	47.1	75.4
10:42:35 AM	57.7	61.5	49.5	78.2
10:43:35 AM	55.6	60.2	46.3	74.7
10:44:35 AM	55.9	62.1	45.6	76.9
10:45:35 AM	57.9	63.6	44.5	77.2
10:46:35 AM	57.6	61.5	43.5	77.3
10:47:35 AM	48.9	60.1	44.1	73.7
10:48:35 AM	44.1	47.1	40.7	61.3
10:49:35 AM	45.4	49.3	42.5	62.5
10:50:35 AM	46	50.2	42.2	63
10:51:35 AM	43.9	47.5	40.9	62
10:52:35 AM	45.9	47.9	43.3	62.8
10:53:35 AM	44.6	47.8	41.9	61.6
10:54:35 AM	45.2	48.6	42.9	67.8
10:55:35 AM	46.6	50.6	43.5	63.8
10:56:35 AM	44.1	47.4	41.8	63.6
10:57:35 AM	47	58	40.9	77.1
10:58:35 AM	50.8	61.1	43.4	74.7
10:59:35 AM	50.9	55.5	45.1	67.9
11:00:35 AM	46.1	48	41.4	64.8
11:01:35 AM	41.8	45.6	39	60.6
11:02:35 AM	42.1	46.7	39.3	61.6
11:03:35 AM	45.3	49.7	41.4	63
11:04:35 AM	47.8	53.7	42.2	70.9
11:05:35 AM	43.4	50.3	40	68.5
11:06:35 AM	43.2	45.6	40.3	59.2
11:07:35 AM	45.1	47.7	42.4	60.5
11:08:35 AM	44.6	48	41.2	64.7
11:09:35 AM	44	49.9	40.2	66.8
11:10:35 AM	43.2	47.3	40.2	60
11:11:35 AM	44.8	48.1	41.5	63.7
11:12:35 AM	47	55.7	41.6	72.5
11:13:35 AM	44.4	47.3	42.1	61.2
11:14:35 AM	45.3	47.1	43.4	60.2
11:15:35 AM	49	55.1	44	69.7
11:16:35 AM	55.2	61.1	47.1	76.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:17:35 AM	49.4	55.3	43.1	69.6
11:18:35 AM	44	45.8	41.8	60.1
11:19:35 AM	46.8	50.4	43	65.1
11:20:35 AM	43.1	49.1	38.5	60.8
11:21:35 AM	43.4	45.2	41.5	62.6
11:22:35 AM	41.1	45.5	39	61.2
11:23:35 AM	40.2	43.7	38.5	57.3
11:24:35 AM	41.7	44.4	39.3	60.3
11:25:35 AM	40.8	43.9	38.5	56.6
11:26:35 AM	46.7	56.3	42.7	68.9
11:27:35 AM	57.2	65.4	44.7	81.1
11:28:35 AM	45	50.1	41.6	61
11:29:35 AM	42.9	44.6	40.7	57.5
11:30:35 AM	58.2	71.8	40.2	94.9
11:31:35 AM	44.3	46.4	42	64.9
11:32:35 AM	42.5	45.7	38.6	59.3
11:33:35 AM	56.3	69.9	42.8	90.8
11:34:35 AM	48.7	55.2	41.8	69.3
11:35:35 AM	43.9	45.7	42.8	60.1
11:36:35 AM	42.9	46	39.7	59.3
11:37:35 AM	43.9	45.9	40.8	61.1
11:38:35 AM	53.1	58	44.5	71.4
11:39:35 AM	44.8	50.3	40.5	63.6
11:40:35 AM	44.8	49.2	42.1	63.9
11:41:35 AM	42.1	47.9	39.1	62.6
11:42:35 AM	43	44.6	41.4	58.9
11:43:35 AM	42.1	49	40.1	64.6
11:44:35 AM	45.9	50.3	40.8	66
11:45:35 AM	46.5	51.2	42.4	64.5
11:46:35 AM	51.2	63	41.2	79.4
11:47:35 AM	52.9	59.6	42.1	74.2
11:48:35 AM	43	46.3	40.8	63.3
11:49:35 AM	42.5	46	40	59.6
11:50:35 AM	43.6	46	41.8	59.6
11:51:35 AM	54.8	64.2	43.2	78.3
11:52:35 AM	46.9	54.3	42.9	63.8
11:53:35 AM	43	45.1	41.3	61.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:54:35 AM	42.6	44.9	39.6	58.2
11:55:35 AM	42.9	48.3	38.8	64.7
11:56:35 AM	44.8	52.4	40.9	70
11:57:35 AM	41.4	42.7	40.1	59
11:58:35 AM	54.9	63.1	40.3	81.6
11:59:35 AM	46.3	49.2	44	61.9
12:00:35 PM	45.7	49.2	43.6	63.7
12:01:35 PM	42.9	45.4	41.8	56.6
12:02:35 PM	43.4	46.2	41.5	60.1
12:03:35 PM	43.4	48.1	40.6	65.6
12:04:35 PM	43.4	45.2	40.7	63.4
12:05:35 PM	42.7	45.6	40	58.2
12:06:35 PM	42.9	47.3	39	58.7
12:07:35 PM	53.6	61.6	39.8	77.3
12:08:35 PM	44.2	47.9	39.6	61.8
12:09:35 PM	43.8	47.6	39.5	61.1
12:10:35 PM	44.1	47.1	40.5	64
12:11:35 PM	43.4	48	38.6	63
12:12:35 PM	44.2	48.6	41.3	61.9
12:13:35 PM	60.2	68.9	44.9	82.6
12:14:35 PM	47.2	50.9	44.8	63.2
12:15:35 PM	43	49	39.5	70.2
12:16:35 PM	49.3	61.4	38.7	79.8
12:17:35 PM	45.4	47.4	43.9	62.7
12:18:35 PM	51.9	59.3	43.1	74
12:19:35 PM	49.3	57.2	42.9	82.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Location M4: 24-hour Session Report

Meter No. 035597
8/6-7/2020

Information Panel

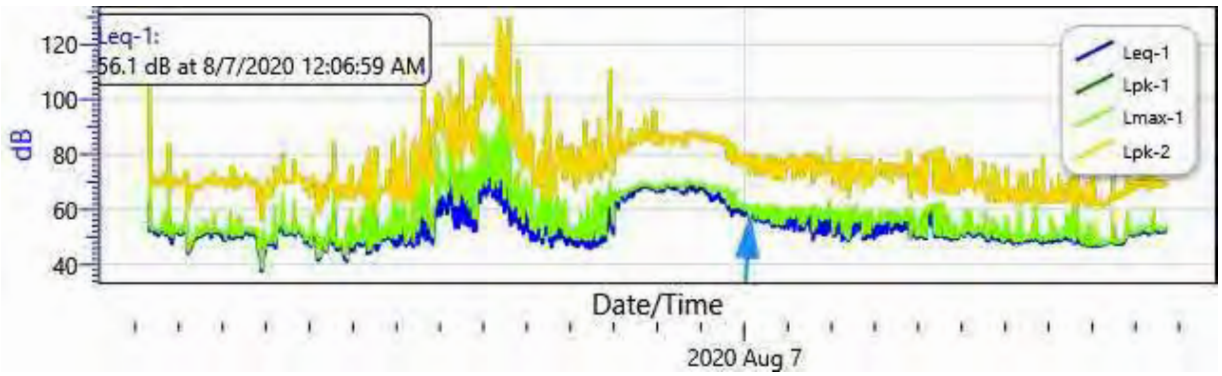
Name	S047_BGQ080007_07082020_115533
Start Time	8/6/2020 10:17:00 AM
Stop Time	8/7/2020 9:41:24 AM
Device Name	BGQ080007
Model Type	SoundPro DL
Device Firmware Rev	R.13H
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	61.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Logged Data Chart

S047_BGQ080007_07082020_115533: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/6/2020 10:18:00 AM	62.6	77.9	51.5	110.1
10:19:00 AM	52.1	54.4	51.4	79

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:20:00 AM	55.3	59.7	52.2	72.3
10:21:00 AM	52.4	53.3	51.3	70
10:22:00 AM	52	52.5	51	70.4
10:23:00 AM	52.3	53.2	51	69.7
10:24:00 AM	52.3	53.2	50.6	71.5
10:25:00 AM	51.4	52.7	49.2	70.1
10:26:00 AM	51	52.8	49	69.2
10:27:00 AM	51.4	53	50	70.4
10:28:00 AM	51.9	52.9	50.6	69.6
10:29:00 AM	51.6	52.6	50.3	68.8
10:30:00 AM	50.4	52.6	48.5	69.8
10:31:00 AM	50.4	51.7	48.8	69
10:32:00 AM	51.5	52.1	50.6	69.4
10:33:00 AM	51.9	53	50.5	69.4
10:34:00 AM	51.8	53.2	50.8	70.9
10:35:00 AM	51.9	52.6	51.1	70.5
10:36:00 AM	52.2	53.2	50.8	69.9
10:37:00 AM	52.5	54.5	51	70
10:38:00 AM	52.3	54.7	51.2	71.2
10:39:00 AM	53.1	58.8	49.2	72.8
10:40:00 AM	50.7	51.5	49.5	70
10:41:00 AM	51.6	52.5	50.2	70.1
10:42:00 AM	51.6	52.6	50.1	68.7
10:43:00 AM	50.8	52.2	49.6	69.7
10:44:00 AM	51.5	55.1	49.5	69.7
10:45:00 AM	58.4	66.9	48.7	83.4
10:46:00 AM	49.5	50.7	47.4	67.7
10:47:00 AM	49.9	50.9	48	68.6
10:48:00 AM	50.2	50.8	48.5	68.8
10:49:00 AM	47.5	50.2	46.1	67.3
10:50:00 AM	48.9	50.4	46.6	69.8
10:51:00 AM	50.3	51.3	48.2	68.7
10:52:00 AM	51.3	53.1	50.1	69.2
10:53:00 AM	52.1	54.9	50.4	70.9
10:54:00 AM	51.7	52.3	50.5	70.2
10:55:00 AM	51.4	52.2	50.1	69.9
10:56:00 AM	51.5	52.3	50.2	70.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:57:00 AM	51.8	52.4	50.6	71.5
10:58:00 AM	51.3	52.4	49.8	70.1
10:59:00 AM	51.2	51.9	50.3	69.5
11:00:00 AM	50.7	51.7	49.7	68.5
11:01:00 AM	51.2	52.5	50.3	68.5
11:02:00 AM	50.8	51.5	48.8	69.1
11:03:00 AM	51.2	52.2	50.3	69.2
11:04:00 AM	51.7	54.4	50.3	69.8
11:05:00 AM	51.4	53.3	50	69.5
11:06:00 AM	51.4	52.4	50.4	70
11:07:00 AM	51.6	52.7	50.5	69.4
11:08:00 AM	51.4	52.3	50.9	70.2
11:09:00 AM	54	59	50.3	73.9
11:10:00 AM	45.9	50.3	43.9	64.9
11:11:00 AM	44.2	45.2	42.4	61
11:12:00 AM	43.9	44.8	42.5	61.5
11:13:00 AM	45.7	46.9	44.4	62.1
11:14:00 AM	45	46.1	43.2	69
11:15:00 AM	45.9	46.7	45.1	64.4
11:16:00 AM	45.9	47.4	44.8	64.4
11:17:00 AM	47.9	49	45.8	67.4
11:18:00 AM	48.5	49.3	47.2	68.6
11:19:00 AM	48.5	49.5	47	67.3
11:20:00 AM	48.5	49.4	46.7	67.6
11:21:00 AM	49.1	50.5	47	68
11:22:00 AM	49	50.7	47.7	68
11:23:00 AM	49.4	51	47.3	67.9
11:24:00 AM	50.1	53.6	48.5	68
11:25:00 AM	50	51.9	48.3	69
11:26:00 AM	49.8	50.6	48.3	68.6
11:27:00 AM	50.3	51.2	49.4	68.5
11:28:00 AM	50	50.6	48.4	67.8
11:29:00 AM	50.2	50.8	49.1	69.2
11:30:00 AM	50.8	51.7	49.8	68.5
11:31:00 AM	50.9	52.6	49.6	69.4
11:32:00 AM	51	52.8	50	69.5
11:33:00 AM	50.6	51.5	49.3	69.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:34:00 AM	50.8	51.7	49.4	69.6
11:35:00 AM	52.3	56	50.8	70.8
11:36:00 AM	51.9	53.6	50.8	70.9
11:37:00 AM	51.7	52.9	49.8	71.2
11:38:00 AM	51.4	52.2	50.4	71
11:39:00 AM	51.7	52.3	50.6	71.4
11:40:00 AM	52.5	53.2	51.1	71.4
11:41:00 AM	52.2	52.9	51.1	71.2
11:42:00 AM	51.4	52.8	46.8	71.3
11:43:00 AM	49.6	51.6	45.5	69.5
11:44:00 AM	51.8	52.7	50.7	71.3
11:45:00 AM	51.8	52.9	50.6	71.2
11:46:00 AM	51.4	52.5	49.6	69.5
11:47:00 AM	54.1	58.6	51.1	73.8
11:48:00 AM	51.7	52.6	50.7	70.9
11:49:00 AM	51.6	52.2	50.7	68.8
11:50:00 AM	51.6	52.7	50.4	70.6
11:51:00 AM	51.6	52	51.1	70.2
11:52:00 AM	51.1	52.2	49.9	69.5
11:53:00 AM	51.3	52.1	50.1	69.9
11:54:00 AM	51.6	52.4	50.5	69.6
11:55:00 AM	51.7	52.6	50.7	69.5
11:56:00 AM	51.7	52.3	50.3	70.4
11:57:00 AM	50.3	51.9	48.6	69.4
11:58:00 AM	50.8	51.6	49.4	70.2
11:59:00 AM	50.9	51.5	49.1	70.8
12:00:00 PM	48.9	51.6	46.1	70.4
12:01:00 PM	49.6	51.1	47.4	69.3
12:02:00 PM	48.8	51.2	46.3	69.7
12:03:00 PM	48.6	49.3	46.6	67.8
12:04:00 PM	49.9	51.5	47.6	70.2
12:05:00 PM	50.5	51.5	48.6	69.9
12:06:00 PM	51.6	52.6	49.5	70.9
12:07:00 PM	50.7	52.5	46.9	70.4
12:08:00 PM	49.5	51.6	47.1	70.6
12:09:00 PM	50.9	51.7	48.8	70.6
12:10:00 PM	52.8	59.4	49.8	74.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:11:00 PM	54.3	58.4	49.4	75
12:12:00 PM	49.4	50.2	47.3	68.3
12:13:00 PM	49.1	50.4	47.5	67.8
12:14:00 PM	49.9	52.8	48.3	74.7
12:15:00 PM	50.3	51.7	49.5	69.3
12:16:00 PM	50.4	51.1	49.7	69.1
12:17:00 PM	50.6	51	49.8	69.5
12:18:00 PM	49.7	50.8	47.8	67.8
12:19:00 PM	50.3	52	48.1	69.9
12:20:00 PM	51.9	56.1	48.8	71.3
12:21:00 PM	50.2	50.9	48.7	69.2
12:22:00 PM	50.8	53.9	48.8	69.8
12:23:00 PM	54.1	57.2	50	70.9
12:24:00 PM	50.1	51.1	48.3	69.1
12:25:00 PM	50.1	50.9	48.7	69.1
12:26:00 PM	49.5	50.8	47.8	69.9
12:27:00 PM	50.8	51.9	49.6	69.8
12:28:00 PM	51.3	52.3	50	70.6
12:29:00 PM	51.4	52.2	50.1	69.9
12:30:00 PM	51.3	52.2	50.3	70.9
12:31:00 PM	51	52.9	48.5	71.4
12:32:00 PM	52.3	53.2	50.6	72.7
12:33:00 PM	52.4	53.3	50.6	72.5
12:34:00 PM	51.9	53.2	50.5	71.3
12:35:00 PM	51.7	52.6	50.4	71.2
12:36:00 PM	50.9	53.4	46.3	70.6
12:37:00 PM	50.5	51.8	46.2	69.8
12:38:00 PM	50.8	53.2	48.8	68.7
12:39:00 PM	51	51.6	49.6	69.1
12:40:00 PM	50.8	51.9	49.4	68.9
12:41:00 PM	50.6	51.9	49.2	69.1
12:42:00 PM	51.2	52.1	50.1	69.8
12:43:00 PM	51.6	52.2	50.7	69.4
12:44:00 PM	51.9	52.9	50.8	70.6
12:45:00 PM	49.5	51.2	47.2	67.8
12:46:00 PM	51.2	51.9	50.3	68.6
12:47:00 PM	51.2	51.8	50.3	69.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:48:00 PM	48.4	51.3	44.2	69
12:49:00 PM	44.2	45.2	42.7	62.1
12:50:00 PM	45.5	46.8	44.2	64.1
12:51:00 PM	43.7	45.4	42	63.1
12:52:00 PM	41.9	47	38	65.4
12:53:00 PM	37.3	39	36	57.4
12:54:00 PM	37.7	38.5	36.9	55.9
12:55:00 PM	41.8	51	38.1	66.6
12:56:00 PM	45.4	52.5	41.4	67.3
12:57:00 PM	43.5	45.5	41.2	61.5
12:58:00 PM	46.4	47.5	45	65.1
12:59:00 PM	46.9	48.3	45.7	65.5
1:00:00 PM	46.8	48.8	43.6	67.7
1:01:00 PM	46.8	48.9	44.8	70.7
1:02:00 PM	47.4	48.2	46.6	65.8
1:03:00 PM	48.3	49.1	47.5	67.4
1:04:00 PM	48.2	49.1	47.1	68.4
1:05:00 PM	47.7	49.9	45.9	67
1:06:00 PM	47	48	45.8	64.8
1:07:00 PM	48.9	50.1	47.2	67.8
1:08:00 PM	48.4	49.4	46.8	68.5
1:09:00 PM	49.4	50.6	47.7	69
1:10:00 PM	47.3	50.8	43.5	68.2
1:11:00 PM	53.8	61.7	44.1	75.4
1:12:00 PM	45.8	47.8	43.9	68.6
1:13:00 PM	49.8	52.1	47.5	68.4
1:14:00 PM	50.8	52.4	49.6	70
1:15:00 PM	51.6	52.8	50.4	70.1
1:16:00 PM	52.5	53.6	49.7	72.4
1:17:00 PM	52.7	53.9	50.5	73.6
1:18:00 PM	53.7	54.5	52.8	74.5
1:19:00 PM	52.7	53.9	50.9	74.3
1:20:00 PM	52.4	54.3	50.4	75.3
1:21:00 PM	52.5	54	51.4	72.2
1:22:00 PM	52.9	55.9	51.6	72.5
1:23:00 PM	59.6	65.7	52.5	80.3
1:24:00 PM	50.9	52.9	49	69.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:02:00 PM	48.2	50.7	46.1	69.7
2:03:00 PM	53.7	58.7	49	72.4
2:04:00 PM	49.3	50.9	47.6	70.8
2:05:00 PM	50.1	50.9	48.7	70.1
2:06:00 PM	50.3	51	49.3	70.4
2:07:00 PM	49.7	51.2	47.4	69.7
2:08:00 PM	50	50.9	48.9	70.3
2:09:00 PM	48.2	51.1	43.4	69.5
2:10:00 PM	42	44	40.5	60.1
2:11:00 PM	41.5	42.5	40.6	61.9
2:12:00 PM	41.9	42.8	41.1	58.8
2:13:00 PM	42.3	43	41.8	68.2
2:14:00 PM	42.6	43.3	42.1	59.5
2:15:00 PM	45	46.4	42.2	66.1
2:16:00 PM	46.8	48.3	45.5	68
2:17:00 PM	48.5	49.9	47.1	69
2:18:00 PM	48	49.9	46.7	67.7
2:19:00 PM	47.6	48.6	46.5	65.3
2:20:00 PM	46.8	49.3	45	65.4
2:21:00 PM	45.5	46.6	44.3	64.6
2:22:00 PM	44.6	45.4	43.7	63.6
2:23:00 PM	46.2	47.1	44.7	64.1
2:24:00 PM	47.4	48.6	46	66.5
2:25:00 PM	48.3	49.1	47.1	68.4
2:26:00 PM	51	55.3	48.6	72.6
2:27:00 PM	49.6	50.5	48.4	68.1
2:28:00 PM	50.8	53.4	49.1	68.5
2:29:00 PM	48.8	50.4	47.1	69.2
2:30:00 PM	50	50.9	47.2	68
2:31:00 PM	47.3	48.7	46	67.6
2:32:00 PM	49.4	50.7	48	68.4
2:33:00 PM	59.4	69.4	48.3	84.2
2:34:00 PM	48.3	49.4	46.7	68.1
2:35:00 PM	48.1	49.5	45.1	66.9
2:36:00 PM	45.3	46.9	43.7	65.5
2:37:00 PM	47.4	49.1	44.4	66.7
2:38:00 PM	46.2	49.2	43.2	67.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:39:00 PM	45.2	46.4	44.2	63
2:40:00 PM	45.5	46.8	44.4	64.3
2:41:00 PM	45.9	47.8	44.4	67
2:42:00 PM	47.2	48.3	44.4	68.5
2:43:00 PM	47.2	48.6	44.5	67
2:44:00 PM	47.6	48.5	46	67.4
2:45:00 PM	47.3	48.4	46	68.4
2:46:00 PM	45	47.8	41.1	67.2
2:47:00 PM	42	43.9	39.6	64.5
2:48:00 PM	43.5	45.1	40.2	66.5
2:49:00 PM	43.4	45	39.7	65.2
2:50:00 PM	47	53.5	40.4	68.3
2:51:00 PM	41.1	42.2	39.4	67.3
2:52:00 PM	46.6	49	41.5	68.1
2:53:00 PM	49.9	54.9	44.9	71.6
2:54:00 PM	44.4	48.2	41.9	64.2
2:55:00 PM	45.6	47.3	43.8	65.5
2:56:00 PM	47.4	55.2	44.2	71.6
2:57:00 PM	53.5	59.8	44.7	75.5
2:58:00 PM	44.9	46.6	42.6	65.7
2:59:00 PM	46.1	47.7	44	66.4
3:00:00 PM	44.8	47.4	43.5	63.6
3:01:00 PM	47.2	50.3	44.6	66.6
3:02:00 PM	48	53.7	46.1	68.2
3:03:00 PM	47.4	48.4	46.3	67.3
3:04:00 PM	48.1	49.3	46.5	67.6
3:05:00 PM	48.4	49.8	47.2	68.8
3:06:00 PM	48.6	49.9	47.2	67.1
3:07:00 PM	49	50.2	47.7	68.6
3:08:00 PM	46.8	48.5	45.6	66.9
3:09:00 PM	47.7	49	45.8	66.3
3:10:00 PM	47.8	49	43.9	65.9
3:11:00 PM	50.5	57.6	45.1	71.8
3:12:00 PM	46.8	48.6	44.4	67.3
3:13:00 PM	46.9	48	45.9	66.7
3:14:00 PM	47.1	49	45.1	64.8
3:15:00 PM	54.2	60.7	46.7	76

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:16:00 PM	49.1	54.6	45.6	68.4
3:17:00 PM	48.9	51	47.4	67.4
3:18:00 PM	56.4	62.8	45.9	76.7
3:19:00 PM	43.8	46.6	42.5	64.6
3:20:00 PM	44.6	45.3	43.4	60.8
3:21:00 PM	52.2	64.3	43.5	78
3:22:00 PM	60	67.3	44.6	81.9
3:23:00 PM	44.2	45.4	42.7	61.5
3:24:00 PM	44.3	45.8	42.5	61.8
3:25:00 PM	47	48.3	45	64.1
3:26:00 PM	46.8	47.4	45.8	64.4
3:27:00 PM	53.9	59.8	46.5	76.2
3:28:00 PM	50	56.3	46	66.9
3:29:00 PM	46.3	48.1	45.2	63
3:30:00 PM	58.6	68.5	45.9	82.4
3:31:00 PM	56.1	65.8	43.8	81.4
3:32:00 PM	45.1	47.8	43.7	66.2
3:33:00 PM	45.8	48.4	44.7	63.1
3:34:00 PM	45.8	48.7	44	64.3
3:35:00 PM	47.8	50.2	46.5	66.7
3:36:00 PM	47.3	48	46.3	65.6
3:37:00 PM	48.5	50.3	47.1	66.3
3:38:00 PM	49.5	51.6	47.7	67.6
3:39:00 PM	50.1	53.5	48.6	67.8
3:40:00 PM	49.4	51.1	47.8	66.2
3:41:00 PM	49.8	51.9	49	66.5
3:42:00 PM	48.9	49.9	48	67.4
3:43:00 PM	48.7	49.7	47.5	66.9
3:44:00 PM	49.4	53.2	47.7	68.4
3:45:00 PM	50.3	52.4	49	67.8
3:46:00 PM	50.4	51.9	48.9	67.3
3:47:00 PM	50	57	48.1	74.4
3:48:00 PM	49.7	50.9	48.4	68
3:49:00 PM	50	51	49.1	66.7
3:50:00 PM	49.3	50.3	48.4	66.7
3:51:00 PM	49.2	51.6	47.8	65.7
3:52:00 PM	48.7	49.9	47.6	65

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:53:00 PM	48.1	50.3	46.6	65.6
3:54:00 PM	47.9	51.7	46.4	65.3
3:55:00 PM	54.8	67.7	42.9	85.7
3:56:00 PM	46.9	50.5	43.8	63.2
3:57:00 PM	49.4	54.7	45.9	68
3:58:00 PM	47.1	49.4	45.8	63.1
3:59:00 PM	46.5	49.7	45.1	64.4
4:00:00 PM	46.8	54.1	44.4	66.9
4:01:00 PM	50.6	60.9	44.4	78
4:02:00 PM	47.6	52.9	45.1	68
4:03:00 PM	48	56.5	44.6	73.5
4:04:00 PM	49	58	46.6	72.9
4:05:00 PM	47.5	51.4	45.6	64.1
4:06:00 PM	50.6	57.9	47.8	74.3
4:07:00 PM	49.8	58	46.4	73.2
4:08:00 PM	51.4	57.7	46.4	75.5
4:09:00 PM	53.3	68.7	45.8	88.2
4:10:00 PM	50.2	63.1	46.2	67.5
4:11:00 PM	49.1	54.7	46.2	69.3
4:12:00 PM	46.7	48	45.8	62.4
4:13:00 PM	47	48.4	46	62.9
4:14:00 PM	47.6	50.3	46.4	69
4:15:00 PM	47.9	49.4	46.9	63.5
4:16:00 PM	47.8	51.4	46.2	64.9
4:17:00 PM	49	54.9	45.8	69.4
4:18:00 PM	49	53.1	47.1	66.6
4:19:00 PM	49.5	54.8	44.5	69.6
4:20:00 PM	47.2	51.9	45.6	68.8
4:21:00 PM	53.5	64	45.1	81.5
4:22:00 PM	50.5	60.3	45.4	73.3
4:23:00 PM	46.4	48.1	45.5	62.7
4:24:00 PM	56	67.7	45.5	84.4
4:25:00 PM	55.2	68.1	43.8	85.6
4:26:00 PM	49.7	56.6	44.3	69.9
4:27:00 PM	54.7	61.5	44.7	76.8
4:28:00 PM	48.2	57.1	45	71.5
4:29:00 PM	47.3	52.4	45.8	65.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:30:00 PM	52.1	65.1	44.8	80.5
4:31:00 PM	51	63.5	46.2	80.5
4:32:00 PM	53.2	65.7	44.8	79.8
4:33:00 PM	53.5	66.7	45.7	84.6
4:34:00 PM	57.6	70.8	47	85.1
4:35:00 PM	50.5	57.8	45.5	73.9
4:36:00 PM	52	62.4	46.1	78.3
4:37:00 PM	73.8	87.9	44.7	108.3
4:38:00 PM	56.9	67.1	47.1	83.2
4:39:00 PM	48.9	56.2	45.2	71.7
4:40:00 PM	56.7	69.1	46.1	83.8
4:41:00 PM	56.5	69.1	47.4	84.9
4:42:00 PM	60.6	74.6	46.8	92.5
4:43:00 PM	49.3	54.8	45.8	68
4:44:00 PM	49	53.5	46.5	69.6
4:45:00 PM	50.6	58.2	47.2	73.1
4:46:00 PM	51.6	58.6	46.6	76.7
4:47:00 PM	49.1	53.5	47	70
4:48:00 PM	49.6	52.6	47.5	77.8
4:49:00 PM	47.4	50.1	45.1	73.9
4:50:00 PM	51.3	58.7	45.6	87.5
4:51:00 PM	55.6	61.3	49.7	90.1
4:52:00 PM	56.1	60.9	52.9	88.3
4:53:00 PM	58.9	63.9	56.6	90.7
4:54:00 PM	60.2	64.6	57.5	98.7
4:55:00 PM	60.8	73.8	54.3	96.9
4:56:00 PM	65.2	80.3	52.6	99.5
4:57:00 PM	70.1	83.3	54.1	102.3
4:58:00 PM	57.7	64.3	50.7	97.9
4:59:00 PM	61.6	71.4	55	96.7
5:00:00 PM	64.6	74.8	54.9	101.7
5:01:00 PM	58.2	68.9	50.7	87.4
5:02:00 PM	62.2	70.2	50	87.9
5:03:00 PM	64.5	73.5	51.5	94.9
5:04:00 PM	61.6	71.6	51.6	88.2
5:05:00 PM	61.9	69.9	52.6	88.4
5:06:00 PM	61.9	69.9	49.7	86.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:07:00 PM	61.4	68	49.8	83.6
5:08:00 PM	59.4	67.6	51.5	84.8
5:09:00 PM	58.3	66.4	47.5	81.2
5:10:00 PM	58.9	66.6	48.2	81.8
5:11:00 PM	62.7	69.6	50.1	84.3
5:12:00 PM	72.4	86.5	49.6	105.2
5:13:00 PM	62	72.3	46	89.3
5:14:00 PM	65.7	77	44.9	95.5
5:15:00 PM	68.6	79.7	46.6	98.4
5:16:00 PM	67.2	80	43.6	97
5:17:00 PM	67	76.1	45.5	91.9
5:18:00 PM	56.1	65.7	43.9	80.6
5:19:00 PM	60.6	71.6	46.4	85
5:20:00 PM	53.2	61.8	44.6	78.5
5:21:00 PM	59.5	67.5	44.8	85.2
5:22:00 PM	60.7	74.1	47.2	101.1
5:23:00 PM	55.6	67.6	46.1	83.4
5:24:00 PM	57.6	66.2	45.8	81
5:25:00 PM	53.3	63.6	44.5	80.8
5:26:00 PM	60.2	70	44	84.6
5:27:00 PM	59.8	70.8	44.6	85.8
5:28:00 PM	55.5	66.1	44.8	78.6
5:29:00 PM	74.9	88.8	44.2	115.3
5:30:00 PM	56.6	66.5	44.4	79.5
5:31:00 PM	57	70.8	44.6	85.1
5:32:00 PM	60.3	72.8	44.9	87
5:33:00 PM	55.1	65.5	45.7	84.8
5:34:00 PM	54.6	64.4	46.4	92.3
5:35:00 PM	55.7	67.2	48.8	85.9
5:36:00 PM	62.2	73.7	48.3	89.4
5:37:00 PM	60.7	73.7	49.2	95.2
5:38:00 PM	63.2	74.3	48.9	90.2
5:39:00 PM	53.9	60.8	48.9	88.3
5:40:00 PM	55.6	63.1	49.1	89.5
5:41:00 PM	56.9	64.7	50.8	85.4
5:42:00 PM	63.6	75.1	54.2	97.4
5:43:00 PM	56.9	66.3	49.2	87.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:44:00 PM	55.3	63.4	48.8	82.8
5:45:00 PM	52.1	57.1	47.1	80.9
5:46:00 PM	55.4	67.3	47.8	95.8
5:47:00 PM	56.1	62.2	49.1	89.3
5:48:00 PM	63.8	76	50.4	95.6
5:49:00 PM	52.3	56.7	46.1	77.7
5:50:00 PM	69.8	83.3	49.8	104
5:51:00 PM	75.3	88.6	50.2	108.6
5:52:00 PM	75.3	88.1	48.1	106.2
5:53:00 PM	75.2	88	50.6	104.9
5:54:00 PM	62.4	69.1	59.3	96.7
5:55:00 PM	64.3	67.6	61.7	97.1
5:56:00 PM	65.2	69.5	62.6	100.3
5:57:00 PM	69.8	80.7	62.4	101.2
5:58:00 PM	65.6	70	62.7	104.1
5:59:00 PM	75.7	87.8	60.7	107.2
6:00:00 PM	68.3	78.8	58.6	100.3
6:01:00 PM	71.8	85.4	62.9	111.1
6:02:00 PM	66	72.7	62.8	110.4
6:03:00 PM	65	68.8	62.2	105.2
6:04:00 PM	70.5	83.5	61.7	104.6
6:05:00 PM	66.6	75.4	60.9	104.3
6:06:00 PM	67.2	72.1	62.4	108.1
6:07:00 PM	67.8	72.6	64.7	108.3
6:08:00 PM	68.9	73.3	64.7	106.3
6:09:00 PM	71.1	78.8	65.6	105.8
6:10:00 PM	73.1	85.7	65.3	107.3
6:11:00 PM	67.5	76.1	61.4	103.1
6:12:00 PM	64.6	67.6	61.6	104.6
6:13:00 PM	68.7	79.8	59.4	98.5
6:14:00 PM	69.3	80.8	58.9	103
6:15:00 PM	74.5	86.7	59.5	104.2
6:16:00 PM	69.4	83	57	103.3
6:17:00 PM	63.7	70.4	60.3	109
6:18:00 PM	66.6	76.2	60.8	100
6:19:00 PM	63.3	68.2	60	100.6
6:20:00 PM	73.7	90.7	59.8	129.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:21:00 PM	66.9	77.6	59	103.6
6:22:00 PM	78.6	91	58	127.3
6:23:00 PM	61.9	71.3	55.9	98.1
6:24:00 PM	80.9	95.1	54.4	117
6:25:00 PM	64.1	73.2	56	94.2
6:26:00 PM	80.5	93.5	53.9	123.9
6:27:00 PM	64.2	72.7	57.8	94.8
6:28:00 PM	58.9	64	55.7	97.6
6:29:00 PM	60	64.4	56.8	99.5
6:30:00 PM	64.9	77.6	53.6	119.1
6:31:00 PM	69.9	85.5	53.5	122.9
6:32:00 PM	60.7	68.8	56.5	91.8
6:33:00 PM	74.4	89.9	56	129.4
6:34:00 PM	80.7	98.4	56.5	129.5
6:35:00 PM	61.9	75.1	53.9	115.1
6:36:00 PM	56.2	63.3	52	88.4
6:37:00 PM	54.2	61.4	51.3	86.7
6:38:00 PM	57	65	50.8	88.2
6:39:00 PM	58	67.5	50.1	85.1
6:40:00 PM	58.7	67.7	50.8	86
6:41:00 PM	55.5	61.8	52.5	83.6
6:42:00 PM	59.3	65.9	52.9	99.5
6:43:00 PM	55.7	61.3	53.3	92.2
6:44:00 PM	61.8	72.2	51.1	90.4
6:45:00 PM	56.3	63.8	52	87.4
6:46:00 PM	56	66.4	50.7	83.7
6:47:00 PM	60.3	73.8	51.8	114.1
6:48:00 PM	53	57.5	49.8	79.3
6:49:00 PM	53.5	60	49.4	78.4
6:50:00 PM	55.2	62.2	51	78.4
6:51:00 PM	55.1	62.9	49.2	94.9
6:52:00 PM	52.9	61.5	47.5	77.2
6:53:00 PM	58.8	64.9	47.9	83.5
6:54:00 PM	51	55.2	47.7	73.4
6:55:00 PM	54.2	63.2	48.2	77.8
6:56:00 PM	54.2	63.1	45.7	76.3
6:57:00 PM	59.3	69.9	45.6	84.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:58:00 PM	56.1	67	46.3	81.5
6:59:00 PM	52.1	59.5	46.1	76.8
7:00:00 PM	52	61.9	44.8	76.6
7:01:00 PM	52.6	64	45.2	88
7:02:00 PM	56.6	67.3	44.4	85.5
7:03:00 PM	55	64	47.9	80.9
7:04:00 PM	49.7	53.2	46.3	80.3
7:05:00 PM	48.6	53.1	45.5	75.2
7:06:00 PM	56	67.3	45.3	86.3
7:07:00 PM	54.5	64.8	47	81.3
7:08:00 PM	49.7	52.7	47.3	69.4
7:09:00 PM	48.9	53.8	45.5	68.5
7:10:00 PM	50.1	56.4	46.3	73
7:11:00 PM	48.7	55.1	43.4	70.9
7:12:00 PM	48.6	53.6	45.7	68.4
7:13:00 PM	50.1	57.4	46.1	73.6
7:14:00 PM	49.3	56.7	46.4	71.6
7:15:00 PM	51.2	56.6	47.4	70.8
7:16:00 PM	53.5	61.4	46.1	77.7
7:17:00 PM	52	59.8	45.3	76.4
7:18:00 PM	49.6	53.5	45.7	68.8
7:19:00 PM	54.2	65.8	45.5	80.6
7:20:00 PM	47.6	49.9	45.5	64.7
7:21:00 PM	48	55.2	44.5	71.1
7:22:00 PM	51.3	56.9	47.4	71.3
7:23:00 PM	56.2	70.4	44.6	85.7
7:24:00 PM	54.9	66	48.1	79.5
7:25:00 PM	51.3	56.1	46.8	70.1
7:26:00 PM	51.1	54.4	47.3	72.4
7:27:00 PM	55.1	60.5	48.9	79.9
7:28:00 PM	59.7	78.4	46.3	101.1
7:29:00 PM	65.7	77.2	48.5	94.3
7:30:00 PM	48.6	50.5	45.7	65.9
7:31:00 PM	55.9	65.9	45.1	82.5
7:32:00 PM	48.4	50.9	45.5	63.8
7:33:00 PM	46.3	50.6	43.3	65
7:34:00 PM	48.2	50.9	45	66.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:35:00 PM	50.2	55.9	45.3	70.9
7:36:00 PM	49.5	52	47.6	71.8
7:37:00 PM	50.8	60.9	44.6	75.9
7:38:00 PM	48.8	51.3	43.7	67
7:39:00 PM	50.2	55.4	45.4	74.5
7:40:00 PM	52	56.9	47	76.2
7:41:00 PM	56.1	65	49.3	82.7
7:42:00 PM	59.3	63.1	52.7	81.7
7:43:00 PM	51.4	58	47.6	85.9
7:44:00 PM	49.5	53.7	46.6	77.5
7:45:00 PM	53.5	62.3	48.8	87.6
7:46:00 PM	51.1	53.6	49.3	80.9
7:47:00 PM	50.5	55.8	47.6	81.3
7:48:00 PM	54.3	61.6	47.8	78.3
7:49:00 PM	50.6	53.1	48.4	80.7
7:50:00 PM	49.9	52.5	47.3	70.8
7:51:00 PM	48.5	51	46.7	76.7
7:52:00 PM	59.3	63.6	49	81.9
7:53:00 PM	50.6	53.5	47.5	71.2
7:54:00 PM	47.1	50.2	44.5	72
7:55:00 PM	47.6	50.9	44.9	82.3
7:56:00 PM	49.7	52.9	47.2	80.3
7:57:00 PM	48.6	51.3	46.8	74
7:58:00 PM	48.4	50.7	46.2	74.8
7:59:00 PM	50	53.2	47.7	79.4
8:00:00 PM	48.4	51	46	78.6
8:01:00 PM	48.8	52.8	46.7	83.3
8:02:00 PM	48	50.5	45.3	71.6
8:03:00 PM	47.2	49.4	44.6	74
8:04:00 PM	48.9	52.7	45.6	79.2
8:05:00 PM	47.3	49.6	44.1	74.9
8:06:00 PM	46.7	49.5	43.8	67.7
8:07:00 PM	48.4	52.3	44.4	70.5
8:08:00 PM	48.8	50.7	47	76.7
8:09:00 PM	49.4	54.1	45.3	75.6
8:10:00 PM	46.5	49.1	43.6	71.5
8:11:00 PM	47.4	51.5	44.5	82.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:12:00 PM	47.9	50.3	45.9	70.5
8:13:00 PM	49.4	52	45.1	69.9
8:14:00 PM	54.2	58.7	48.5	76.9
8:15:00 PM	53.5	57.4	47.2	77.2
8:16:00 PM	47.6	49.6	45.4	74.2
8:17:00 PM	47.5	50.6	44.4	75
8:18:00 PM	50	52.2	47.7	75.1
8:19:00 PM	48.5	54.2	45	92
8:20:00 PM	46.3	48.9	43.2	77.2
8:21:00 PM	46.4	49.1	42.6	73.1
8:22:00 PM	47.9	50.8	44.2	73.7
8:23:00 PM	59.1	63.2	47.7	80.4
8:24:00 PM	50.3	55.6	44.5	73.5
8:25:00 PM	47.5	50.5	43.2	83
8:26:00 PM	45.7	49.3	43	72.1
8:27:00 PM	47.5	50.7	43.3	70
8:28:00 PM	46.9	49.7	44.8	73.1
8:29:00 PM	47.4	56.2	43.9	84.1
8:30:00 PM	46.2	55.9	42.9	85.5
8:31:00 PM	48.5	53	44.1	73.2
8:32:00 PM	49.9	54.7	44.8	76.1
8:33:00 PM	60.8	65.3	46.2	81.8
8:34:00 PM	53.6	64	44.6	81
8:35:00 PM	46.8	49.7	43.4	77.4
8:36:00 PM	46.6	49	43.4	75.1
8:37:00 PM	47.9	50.9	44.8	74.6
8:38:00 PM	59.5	66.1	48.9	82.3
8:39:00 PM	60.3	64.2	46.4	92.6
8:40:00 PM	47.6	50.3	45.5	79.7
8:41:00 PM	47.9	51	45.4	71.4
8:42:00 PM	48.8	51.6	46.5	78.3
8:43:00 PM	50.6	56	46.2	77
8:44:00 PM	58.9	64.4	47.4	79.8
8:45:00 PM	57	64.3	47.3	80
8:46:00 PM	48.3	51.1	45.6	78.3
8:47:00 PM	48.6	50.9	45.4	79.5
8:48:00 PM	52.3	56.2	47.1	74.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:49:00 PM	61.6	64.9	55.2	81.9
8:50:00 PM	52.2	61.2	47.1	78.6
8:51:00 PM	52.3	61.7	48.7	79.6
8:52:00 PM	63.1	66.1	58.8	82.7
8:53:00 PM	59.8	65.8	50.8	83.7
8:54:00 PM	54.8	70.6	47	110.4
8:55:00 PM	54.5	63	47	80.8
8:56:00 PM	63.3	66.1	55.6	82.4
8:57:00 PM	54.3	57.6	50.6	76
8:58:00 PM	51	54.8	48.7	72.5
8:59:00 PM	63.7	66.3	54.3	84.1
9:00:00 PM	63	65.9	58.2	83.2
9:01:00 PM	62	64.1	56.9	80.7
9:02:00 PM	61.9	64.6	55.7	87.1
9:03:00 PM	63.1	65.1	60.4	82.9
9:04:00 PM	62.8	65.1	59.5	81.9
9:05:00 PM	60.5	63.2	56.1	79.7
9:06:00 PM	62.9	65.3	60.9	82.1
9:07:00 PM	64.3	66.9	61.7	96.1
9:08:00 PM	64.4	65.4	62.8	82.3
9:09:00 PM	64.2	65.8	60.8	83.5
9:10:00 PM	64.3	65.6	62	82.5
9:11:00 PM	64.4	65.9	62.9	82.9
9:12:00 PM	65.4	66.3	64.3	84.1
9:13:00 PM	64	66.1	60.8	83
9:14:00 PM	62.9	64.6	61.8	80.6
9:15:00 PM	64.3	66.4	62.1	82.8
9:16:00 PM	64.5	65.8	62.6	82.6
9:17:00 PM	65.5	66.7	63.4	83.4
9:18:00 PM	64.2	66.2	61.2	83.6
9:19:00 PM	65.5	66.6	63.2	84.6
9:20:00 PM	65.1	67.1	63.2	83.1
9:21:00 PM	64.7	67	62.7	83.7
9:22:00 PM	66.3	67.5	63.7	85.1
9:23:00 PM	66	67.2	64.5	89.1
9:24:00 PM	65.9	67.2	63.4	85
9:25:00 PM	64.6	68	62.3	85.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:26:00 PM	66	68	62.9	84.5
9:27:00 PM	66	67.4	63.1	83.5
9:28:00 PM	66.8	68.3	65.4	85.2
9:29:00 PM	67.4	68.1	66.2	86.1
9:30:00 PM	66.5	67.8	64.5	84.6
9:31:00 PM	67.2	68.2	65.7	86.4
9:32:00 PM	67.2	68.3	65.5	84.9
9:33:00 PM	67.4	68.7	64.8	85
9:34:00 PM	68.1	69.1	66.9	89.1
9:35:00 PM	68	69	66.9	86.3
9:36:00 PM	67.1	68.6	65.2	84.2
9:37:00 PM	68.2	69.1	67.2	85.7
9:38:00 PM	68.5	69.6	67.5	85.9
9:39:00 PM	68.2	69.3	67	86.7
9:40:00 PM	68.3	69	67.4	85.9
9:41:00 PM	68.1	68.9	67.1	86.7
9:42:00 PM	68.2	69.1	66.9	93.7
9:43:00 PM	68	68.8	66.7	91.6
9:44:00 PM	68.1	69.7	66.8	85.8
9:45:00 PM	68.1	68.8	67.4	86.4
9:46:00 PM	68.3	69	67.2	87.6
9:47:00 PM	68	69.1	66.8	87.5
9:48:00 PM	67.8	69	66.6	85.9
9:49:00 PM	67.5	68.7	65.7	85.4
9:50:00 PM	68.3	69.1	67.1	86.4
9:51:00 PM	67.8	68.7	65.9	86.3
9:52:00 PM	67.4	68.6	66	85.5
9:53:00 PM	67.2	68.2	65.7	85.5
9:54:00 PM	67.3	68.3	66.1	96.2
9:55:00 PM	67	68.2	65.9	95.9
9:56:00 PM	67.1	67.9	66.2	96
9:57:00 PM	66.9	68.1	65.7	83.6
9:58:00 PM	66.5	67.6	65.7	85.6
9:59:00 PM	66.2	67	65.4	83.6
10:00:00 PM	67.7	69.1	65.3	86.2
10:01:00 PM	67.6	69.2	65.3	87
10:02:00 PM	67.9	69	66	87.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:03:00 PM	66.7	69.1	64.8	87
10:04:00 PM	66.5	68.2	65.1	84.8
10:05:00 PM	67.3	68.5	65.9	85.1
10:06:00 PM	66.8	68.2	64.9	84.8
10:07:00 PM	67.8	69.1	65.9	85.9
10:08:00 PM	66.4	67.8	65.3	83.5
10:09:00 PM	68.2	69.4	66.8	86.7
10:10:00 PM	68.4	69.6	66.7	87.2
10:11:00 PM	68.5	69.6	67.4	87.2
10:12:00 PM	68.4	69.3	67.1	86.5
10:13:00 PM	68.4	69.2	67	86.2
10:14:00 PM	68.5	69.4	67.3	86.1
10:15:00 PM	68.4	69.2	67.4	86.4
10:16:00 PM	68.1	69.3	66.5	85.5
10:17:00 PM	68.2	69.1	66.4	86.9
10:18:00 PM	67.8	68.9	66.9	86.8
10:19:00 PM	67.6	68.7	66.1	86.3
10:20:00 PM	67.5	68.6	66.4	84.7
10:21:00 PM	67.1	68.7	65.7	84
10:22:00 PM	68.3	69.4	67.4	85.5
10:23:00 PM	68.1	69.2	66.8	85.3
10:24:00 PM	67.7	68.8	66.3	85
10:25:00 PM	67.5	68.7	65.8	85.6
10:26:00 PM	67.8	68.8	66.6	86.1
10:27:00 PM	67.8	68.9	66.5	85.3
10:28:00 PM	67.9	69.1	66.3	86.8
10:29:00 PM	67.3	68.6	64.6	85.5
10:30:00 PM	67	68.4	64.9	85.2
10:31:00 PM	66.4	67.3	65.2	86
10:32:00 PM	66.6	68.2	64.7	85.8
10:33:00 PM	66.6	67.9	65.4	84.4
10:34:00 PM	66.9	68	65.5	84.5
10:35:00 PM	65.6	67.2	64.2	82.9
10:36:00 PM	67	68.9	63.7	85.5
10:37:00 PM	67.3	69.1	65.8	86.6
10:38:00 PM	67.7	68.9	65.6	85.6
10:39:00 PM	67.6	68.9	65	86.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:40:00 PM	66.3	68.4	64	84.3
10:41:00 PM	68.6	70.1	66.2	87.9
10:42:00 PM	68.8	70.6	67.1	88.3
10:43:00 PM	68.1	69.7	65.4	86.6
10:44:00 PM	68.4	69.5	66.6	87.6
10:45:00 PM	68.4	69.7	66.8	87.5
10:46:00 PM	67.7	70	64.9	87.5
10:47:00 PM	67.1	69.8	63.3	88.1
10:48:00 PM	68.2	69.8	65.4	86.9
10:49:00 PM	68.1	69.5	65	87.4
10:50:00 PM	67.2	69.5	63.7	86.1
10:51:00 PM	67.3	69	64.4	86.7
10:52:00 PM	66.4	69.1	63.2	86.9
10:53:00 PM	66.2	68.3	63.7	86.4
10:54:00 PM	66.4	69	63.7	86.3
10:55:00 PM	67.1	68.9	64.4	86.1
10:56:00 PM	67.4	69	63.9	86.3
10:57:00 PM	67.6	69.3	64.9	87
10:58:00 PM	67.5	68.9	64.7	86
10:59:00 PM	67.8	69.3	65.5	86.5
11:00:00 PM	67.6	69	65.6	87.2
11:01:00 PM	67.4	69	64.7	85.4
11:02:00 PM	67.3	68.9	64.3	86.2
11:03:00 PM	67.4	69.4	64.4	87.1
11:04:00 PM	66.7	68.9	63.7	87
11:05:00 PM	67.2	69.3	63.1	87.1
11:06:00 PM	67	69	62.4	87.9
11:07:00 PM	65.6	67.6	62.6	85.8
11:08:00 PM	65.9	68.3	62	85.9
11:09:00 PM	65.4	68.4	61.8	87.1
11:10:00 PM	65.4	67.9	60.7	86.2
11:11:00 PM	65.7	68	62.6	85.8
11:12:00 PM	64.1	66.8	60.9	84.6
11:13:00 PM	63.2	66.9	59.3	84.6
11:14:00 PM	63.8	66.5	60.4	85.4
11:15:00 PM	63.2	66.4	60.4	85.1
11:16:00 PM	64.6	67.2	60.9	85.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:17:00 PM	64	67.6	59.7	86.3
11:18:00 PM	63.6	66.9	60.6	85
11:19:00 PM	64.4	67.6	60.9	85.2
11:20:00 PM	64.1	67.2	60.6	86.3
11:21:00 PM	64.9	67.8	61.3	86.4
11:22:00 PM	65	67.4	61.7	86.5
11:23:00 PM	65.8	68.7	61.1	85.3
11:24:00 PM	65.9	68.3	60.6	85.8
11:25:00 PM	64.5	68.4	59.9	86.3
11:26:00 PM	64.2	67.7	59.2	84.7
11:27:00 PM	62.9	67	58.7	83.8
11:28:00 PM	63.8	66.9	60	85.4
11:29:00 PM	62.5	66.4	59.2	84.8
11:30:00 PM	63	66.3	60.2	84.8
11:31:00 PM	63.1	66.4	58.1	84.3
11:32:00 PM	62.5	66.3	58.7	83.5
11:33:00 PM	62.2	66.1	58.5	83.6
11:34:00 PM	63	66.3	59.8	84.1
11:35:00 PM	63.3	67.6	58.4	85.5
11:36:00 PM	60.4	61.9	58.2	78.4
11:37:00 PM	62.3	66.3	59.7	83.4
11:38:00 PM	59.8	64.2	57	81.4
11:39:00 PM	61.2	63.8	59	82
11:40:00 PM	59.7	63.3	57.5	79.5
11:41:00 PM	61.8	66.2	57	83.3
11:42:00 PM	57.6	60.8	55.9	77.6
11:43:00 PM	59.5	60.8	56.3	76.6
11:44:00 PM	58.5	60.6	56.3	78.2
11:45:00 PM	61.4	66.3	56.9	83.7
11:46:00 PM	62.6	66.6	56.9	81.4
11:47:00 PM	59.3	61.8	56.9	77
11:48:00 PM	59.4	61.2	57	77.8
11:49:00 PM	59.6	61.3	57.7	77.6
11:50:00 PM	59.1	60.9	56.8	78.7
11:51:00 PM	60.3	61.8	57.6	80
11:52:00 PM	59.3	61.7	56.7	80
11:53:00 PM	59.6	62.3	57.4	79.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:54:00 PM	59.1	61.7	55.2	79.9
11:55:00 PM	59.8	62	57	79.8
11:56:00 PM	58.1	60.3	55.6	76.1
11:57:00 PM	59.4	62.2	55.3	79.6
11:58:00 PM	57.8	59.9	55.3	77
11:59:00 PM	57.7	59.8	55.9	76.6
8/7/2020 12:00:00 AM	58.7	60.6	56.4	78.1
12:01:00 AM	58.8	60.6	55.8	79
12:02:00 AM	58.3	60.5	56.6	77.9
12:03:00 AM	59.1	61.3	57	80.3
12:04:00 AM	58.5	61.2	55.8	77.4
12:05:00 AM	58.2	60	55.7	77.5
12:06:00 AM	57.9	59.5	55.5	76.2
12:07:00 AM	56.1	57.1	55.1	73.3
12:08:00 AM	57.4	60.4	55.4	77.6
12:09:00 AM	57.1	60.5	55	76.3
12:10:00 AM	58.2	61.3	55.5	78.8
12:11:00 AM	57.5	60.3	55	79.5
12:12:00 AM	57.3	60.8	54.9	79.6
12:13:00 AM	58.3	60.3	56.7	79.1
12:14:00 AM	57.2	60.4	54.7	78.3
12:15:00 AM	55.8	56.8	54.5	72.4
12:16:00 AM	57.3	61.3	54.6	80
12:17:00 AM	57.6	61.3	55.2	79.9
12:18:00 AM	57.3	60.1	54.6	79.2
12:19:00 AM	57.7	61.1	55.1	79.5
12:20:00 AM	57.6	59.9	55.3	76.3
12:21:00 AM	55.6	57.4	54.7	74.2
12:22:00 AM	55.6	56.6	54.6	72.4
12:23:00 AM	56.7	59.2	54.1	76.2
12:24:00 AM	55.5	56.6	54.5	72.1
12:25:00 AM	57	60.2	54.8	75.9
12:26:00 AM	55.1	56.2	53.6	73.1
12:27:00 AM	55.5	58.9	52.1	75.3
12:28:00 AM	55.9	58.7	53.6	77.8
12:29:00 AM	58.1	59.7	55.8	78.6
12:30:00 AM	57.4	60.7	54.2	78.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:31:00 AM	55.4	57	54.5	74.1
12:32:00 AM	57.9	60.4	54.7	78.9
12:33:00 AM	57.8	61.3	53.4	79.6
12:34:00 AM	56.7	61.6	54.3	79.1
12:35:00 AM	55	56.9	53.9	75
12:36:00 AM	58.4	61.8	52.5	79
12:37:00 AM	53.9	54.9	52.6	71.3
12:38:00 AM	55.5	60.7	53.5	78.2
12:39:00 AM	57.9	61.5	53.3	78.6
12:40:00 AM	53.7	55.4	50.2	71.8
12:41:00 AM	56.5	60.3	52.7	77
12:42:00 AM	57.1	60.4	53.3	77.5
12:43:00 AM	54	56.6	51.1	74.2
12:44:00 AM	53.9	54.8	52.9	71.2
12:45:00 AM	56.7	60.8	50.9	78.3
12:46:00 AM	54.6	57.9	51.7	75.9
12:47:00 AM	54.2	58.7	50.4	77.8
12:48:00 AM	55.6	59.1	51.8	75.4
12:49:00 AM	55.4	59.3	52.5	76.4
12:50:00 AM	53.3	54.7	50.8	71.9
12:51:00 AM	53.9	56.4	52.9	72.8
12:52:00 AM	57	60.1	51.3	77.4
12:53:00 AM	55.5	58.4	52.1	76.4
12:54:00 AM	53	55	50.4	70.6
12:55:00 AM	55.5	58.1	51.7	74.9
12:56:00 AM	55.4	58	53.4	75.4
12:57:00 AM	55.1	58.4	52.4	74.9
12:58:00 AM	55	58.5	52.2	78.3
12:59:00 AM	55.7	58.7	51.8	75.9
1:00:00 AM	53.1	57.4	50.4	75.6
1:01:00 AM	53.1	59.1	49.7	77.3
1:02:00 AM	56.5	60	54.5	77.8
1:03:00 AM	56.8	60.4	51.6	78.1
1:04:00 AM	56.7	59.7	52	79.9
1:05:00 AM	55.7	58.7	50.6	77.2
1:06:00 AM	54	56.9	51.6	74.7
1:07:00 AM	57.2	60.9	53.2	77.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:08:00 AM	52.1	57.2	49.6	70.9
1:09:00 AM	55.6	58.9	49.1	75.6
1:10:00 AM	54.6	60.4	50	78.4
1:11:00 AM	58	60.6	55.6	78.3
1:12:00 AM	55.7	60.1	50.6	78.9
1:13:00 AM	54.5	58.8	50.9	76
1:14:00 AM	56.2	60.3	50.5	78.2
1:15:00 AM	52.3	54.6	49.9	72.8
1:16:00 AM	55.6	59.4	51.4	78.3
1:17:00 AM	52.8	55.4	49.3	72
1:18:00 AM	55.7	60.5	50.7	78.7
1:19:00 AM	52.5	56.8	49.5	76
1:20:00 AM	56	58.2	53.6	76.7
1:21:00 AM	52.4	54.1	50.6	72.1
1:22:00 AM	56.2	59.3	51.2	77.7
1:23:00 AM	55	57.4	51.7	73.8
1:24:00 AM	54	56.3	51.1	74.3
1:25:00 AM	56.3	59.8	50.7	79.9
1:26:00 AM	56.3	60.3	50	78.6
1:27:00 AM	56.5	59.2	50.1	77.2
1:28:00 AM	55.3	59.7	48	77
1:29:00 AM	56.8	60	50.1	77.6
1:30:00 AM	56.1	59.5	51	77
1:31:00 AM	51.9	59.3	48.7	75.8
1:32:00 AM	58.6	60.7	53.9	80.4
1:33:00 AM	54.7	59.8	50.3	76.8
1:34:00 AM	48.9	52.2	47.6	69.6
1:35:00 AM	56.8	60.9	48.8	80.1
1:36:00 AM	54.7	60	48	77.2
1:37:00 AM	57.2	61.3	50.3	78.3
1:38:00 AM	51.3	53.8	48.1	72
1:39:00 AM	57	60.5	49.6	78.8
1:40:00 AM	53.2	57.8	48.7	75
1:41:00 AM	51.6	57.8	47.8	76
1:42:00 AM	56	59.7	49.3	78
1:43:00 AM	53.3	58.8	47.7	76
1:44:00 AM	56.1	60.3	47.9	79.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:45:00 AM	53	57.6	47.7	74.6
1:46:00 AM	51.2	56.1	48	72.1
1:47:00 AM	56.1	58.4	53.9	75.2
1:48:00 AM	50.8	56.7	47.7	72.9
1:49:00 AM	53.8	57.2	49.3	75.4
1:50:00 AM	51.4	56.8	48.2	73.4
1:51:00 AM	56.6	59.5	50.2	77.1
1:52:00 AM	50.7	57.6	48.2	73.3
1:53:00 AM	51.6	57	48.8	74.3
1:54:00 AM	55.6	58.2	50.8	75.4
1:55:00 AM	51.7	56.6	49.6	73.8
1:56:00 AM	59	63.3	51.6	82.6
1:57:00 AM	52.3	60.8	49.1	77.7
1:58:00 AM	54	58.3	49.8	75.1
1:59:00 AM	53.3	59	49.8	76.5
2:00:00 AM	52.8	57.8	49	74.8
2:01:00 AM	56.3	59.4	50	76.3
2:02:00 AM	50.2	51.1	48.9	68.7
2:03:00 AM	54.9	58.5	49.2	75.6
2:04:00 AM	56	59.3	51.1	76.1
2:05:00 AM	50.7	54.3	49	70
2:06:00 AM	53.6	58.9	48.2	76
2:07:00 AM	54.4	58.9	48.8	76.9
2:08:00 AM	55.8	59.6	48.1	76.4
2:09:00 AM	51.4	56.2	49.3	71.8
2:10:00 AM	55.8	59.4	50.1	76.2
2:11:00 AM	55.6	59	51.6	76.8
2:12:00 AM	52.6	57.8	48.8	74.3
2:13:00 AM	56.9	59.1	50.9	76.8
2:14:00 AM	48.7	51.8	47.8	67.2
2:15:00 AM	53.2	58.9	47.7	75
2:16:00 AM	55.2	59	49.4	77.4
2:17:00 AM	50.6	54.3	47.2	73.3
2:18:00 AM	55.7	59.4	49.8	76.1
2:19:00 AM	49.3	50.6	46.9	67.8
2:20:00 AM	56.1	61.2	47.3	78.8
2:21:00 AM	54.1	61	47.7	77.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:22:00 AM	48.5	49.4	47.6	64.4
2:23:00 AM	55.5	58.8	48.6	75
2:24:00 AM	49.1	50.3	47.8	66.4
2:25:00 AM	53.6	58.2	49.1	75.7
2:26:00 AM	54.1	57.9	50.8	75.4
2:27:00 AM	55.6	59	48.9	77
2:28:00 AM	50.5	54.7	47.9	70.2
2:29:00 AM	53.7	59.9	48.1	76.2
2:30:00 AM	55.9	59.7	49.6	75.4
2:31:00 AM	51	56.7	49	72.7
2:32:00 AM	51.9	56	50.2	69.5
2:33:00 AM	58.2	61.4	52.8	77.9
2:34:00 AM	55.1	57.9	52.6	73.4
2:35:00 AM	53.4	55.7	51	71.5
2:36:00 AM	53.3	57.5	49.2	74.2
2:37:00 AM	52.5	56.3	48.8	73.6
2:38:00 AM	54.1	58.1	49.1	75.9
2:39:00 AM	52.9	57	48.8	74
2:40:00 AM	55	58.3	48.9	76.1
2:41:00 AM	53.8	58	48.3	75.4
2:42:00 AM	56.4	58.9	48.2	77.8
2:43:00 AM	49.1	50.5	48.1	67.7
2:44:00 AM	53	57.6	49.2	77.2
2:45:00 AM	52.6	58	47.8	76.5
2:46:00 AM	49.2	51.4	47.9	69.7
2:47:00 AM	50.8	52.2	49	70.7
2:48:00 AM	55.3	58.7	49.5	76.3
2:49:00 AM	55.4	58.3	48.6	76.6
2:50:00 AM	53.3	56.8	48.6	73.8
2:51:00 AM	49.8	52.9	47.1	68.8
2:52:00 AM	49.9	51.4	47.2	68.7
2:53:00 AM	56.2	60	47.3	78.4
2:54:00 AM	52.6	56.3	49.9	72.4
2:55:00 AM	51.6	56.5	47.6	74.5
2:56:00 AM	51.5	55.9	48.5	72.8
2:57:00 AM	52.2	55.5	48.1	71
2:58:00 AM	49.4	54.5	47.9	71.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:59:00 AM	50.6	55.2	48.1	73.6
3:00:00 AM	52.6	56.4	48.7	74.5
3:01:00 AM	53.5	57	49.4	74.9
3:02:00 AM	55.2	57.5	52	74.6
3:03:00 AM	50.5	55.3	47.9	72.5
3:04:00 AM	54.7	57.7	50.5	75.1
3:05:00 AM	52.9	56.8	48.6	74.4
3:06:00 AM	51.4	56.6	48	74.4
3:07:00 AM	56.1	59	51.9	77.8
3:08:00 AM	53.6	58.2	49.6	76.4
3:09:00 AM	51.2	54.9	49.3	74.8
3:10:00 AM	55.2	57	51.8	75.3
3:11:00 AM	51.6	54.9	49.4	71.9
3:12:00 AM	52.2	55.4	50.5	72.8
3:13:00 AM	52.5	57	49.2	75.4
3:14:00 AM	54.3	58.5	49.6	76.6
3:15:00 AM	51.4	57.3	49.5	74.9
3:16:00 AM	53	58	49.1	74.9
3:17:00 AM	54.1	58	49.7	74.5
3:18:00 AM	55.5	59.4	51	76.4
3:19:00 AM	54	56.5	51.6	74.6
3:20:00 AM	55.4	59	51.4	75.5
3:21:00 AM	55.9	58.9	50.5	76.5
3:22:00 AM	51.5	54	50	70.2
3:23:00 AM	56	58.5	51.9	76
3:24:00 AM	53.4	56.6	50.4	73.9
3:25:00 AM	54.9	57.9	51.6	75.9
3:26:00 AM	55.3	58.2	50.7	75
3:27:00 AM	52.8	55.6	50.2	73.2
3:28:00 AM	53.5	56.1	49.9	73.6
3:29:00 AM	54.2	58.7	49.7	75.9
3:30:00 AM	53.9	59	49.6	76.4
3:31:00 AM	53.9	56.2	51.6	73.9
3:32:00 AM	56.3	58.7	52.1	75.6
3:33:00 AM	52.4	55.5	48.7	72.7
3:34:00 AM	52.5	55.5	49.9	73.6
3:35:00 AM	55.2	57.9	52.3	75.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:36:00 AM	52.1	55	49.5	71.3
3:37:00 AM	54.2	57.7	49.5	76
3:38:00 AM	53.7	57.9	50.3	75.4
3:39:00 AM	55.2	58	50	75.5
3:40:00 AM	52.7	57	50.2	72.5
3:41:00 AM	53.5	56.3	50.6	73
3:42:00 AM	53.5	56.5	50.9	75.1
3:43:00 AM	56.2	59.5	50.1	76.9
3:44:00 AM	53.2	56.3	50.6	73.6
3:45:00 AM	53	56.7	50.8	73.7
3:46:00 AM	56.8	60.5	54.1	81.5
3:47:00 AM	51.9	60.6	49	80.8
3:48:00 AM	49.6	50.1	48.8	64.7
3:49:00 AM	52.4	56.6	49.5	71.7
3:50:00 AM	54.7	57.8	50.5	76.4
3:51:00 AM	50.6	53.7	49.6	67
3:52:00 AM	50.3	54.1	49.6	67.5
3:53:00 AM	53.2	58.8	49.4	75
3:54:00 AM	53.8	58.2	50.6	75
3:55:00 AM	50.6	51.5	49.8	68.4
3:56:00 AM	50.2	51.8	48.6	68.5
3:57:00 AM	49.4	50.4	48.6	67.4
3:58:00 AM	50.1	52.2	48.9	69.6
3:59:00 AM	50.8	53.1	49.6	71.3
4:00:00 AM	49.9	51.8	49.2	70
4:01:00 AM	54.7	57.1	50.1	76
4:02:00 AM	49.9	50.5	49	65.7
4:03:00 AM	50.5	52.5	49.6	69.1
4:04:00 AM	50.4	51.4	49.2	67.3
4:05:00 AM	55.6	59.1	50.8	78.6
4:06:00 AM	51.1	56.7	47.6	74.3
4:07:00 AM	49.4	50.8	47.7	65.6
4:08:00 AM	49.7	52.6	48.1	70.9
4:09:00 AM	49.7	50.3	48.8	66.1
4:10:00 AM	49.3	50.1	48.7	64.7
4:11:00 AM	57.3	60.5	49.5	80.3
4:12:00 AM	55.3	59	50.3	79.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:13:00 AM	55	60.1	48.5	80.9
4:14:00 AM	58.7	61.5	51.2	80.8
4:15:00 AM	55.1	60.4	48.7	80.7
4:16:00 AM	58.9	61.4	53.2	80.5
4:17:00 AM	54	59.5	48.5	78.3
4:18:00 AM	58.2	60.8	52.3	80.3
4:19:00 AM	55.8	59.7	48.9	79.8
4:20:00 AM	57.3	60.7	50.2	78.9
4:21:00 AM	56.3	61	49.3	80.1
4:22:00 AM	50.1	51.7	48.8	67.2
4:23:00 AM	58.6	61.6	50.7	79.9
4:24:00 AM	55.7	61.1	49.1	79.7
4:25:00 AM	49.8	50.6	49	66.6
4:26:00 AM	54.8	60.7	48.1	81.7
4:27:00 AM	56.9	61.7	49.5	81.7
4:28:00 AM	50	50.6	49.2	66.3
4:29:00 AM	53.6	60.2	49.4	80.5
4:30:00 AM	59.1	62.2	50.4	81.5
4:31:00 AM	54.2	61.3	47.9	81.4
4:32:00 AM	53.8	61.2	48.1	80.6
4:33:00 AM	58	62.4	48.6	81.7
4:34:00 AM	49.7	50.5	48.5	66.6
4:35:00 AM	50.1	51	49.3	67.2
4:36:00 AM	49.6	50.9	48.4	66.4
4:37:00 AM	49.8	51.1	48.3	66.7
4:38:00 AM	51.5	53.5	50.1	70.5
4:39:00 AM	55.3	58.4	50.6	77.8
4:40:00 AM	51.9	57.7	48.8	77.5
4:41:00 AM	49.2	50.4	48	66.6
4:42:00 AM	49.7	51.5	48.6	66.3
4:43:00 AM	49.2	50	48.1	66.3
4:44:00 AM	48.7	49.8	47.6	65.9
4:45:00 AM	49.9	51.1	49	67.8
4:46:00 AM	50	52.2	48.9	65.8
4:47:00 AM	49.5	50.1	48.8	66.8
4:48:00 AM	49.8	53.7	48	71
4:49:00 AM	52.5	55.4	49.7	75.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:50:00 AM	49.6	50.8	48.7	67.8
4:51:00 AM	49.2	49.9	48.6	65.9
4:52:00 AM	49.8	51.4	48.6	71.2
4:53:00 AM	49.1	50	48	65.6
4:54:00 AM	50.4	51.4	49.4	78.6
4:55:00 AM	50.5	51.5	49.6	67.6
4:56:00 AM	50.6	52	49.8	69
4:57:00 AM	51.4	52.2	50.4	68.2
4:58:00 AM	51.5	52.4	50.9	68.5
4:59:00 AM	51.4	52.6	49.8	68.8
5:00:00 AM	51.8	53.1	50	78.3
5:01:00 AM	50.9	51.6	50.1	68
5:02:00 AM	50.3	50.8	49.5	67.4
5:03:00 AM	49.9	51	48.5	67.3
5:04:00 AM	54.6	59.7	50	79.1
5:05:00 AM	55.4	59.5	50.6	77.3
5:06:00 AM	51.7	52.4	50.7	69.2
5:07:00 AM	51.5	52.6	50.6	69
5:08:00 AM	51.8	53.2	50.6	68.8
5:09:00 AM	51.7	52.5	50.8	69.6
5:10:00 AM	51.2	52.4	50.5	69.1
5:11:00 AM	54.8	58.8	50.1	77.7
5:12:00 AM	52.4	58.5	49.4	77.6
5:13:00 AM	50.5	51.6	49	68.1
5:14:00 AM	50.6	51.9	48.8	69
5:15:00 AM	50.1	51	49	67.8
5:16:00 AM	50.2	51.5	48.7	67.7
5:17:00 AM	50.7	51.6	49.7	66.6
5:18:00 AM	50.4	52	48.3	68.2
5:19:00 AM	50.4	51.4	49.1	70
5:20:00 AM	51.3	53.4	49.9	69.2
5:21:00 AM	52.3	54.2	49.9	71.4
5:22:00 AM	52	53.7	51	70.1
5:23:00 AM	51.2	52.3	50.1	68.3
5:24:00 AM	51.5	52.6	50.7	69.2
5:25:00 AM	51.4	52.2	50.6	68.5
5:26:00 AM	51.1	52.2	50	68.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:27:00 AM	50.8	51.8	49.9	68.5
5:28:00 AM	50.7	52.1	49.6	67.8
5:29:00 AM	50.1	51.1	49.1	66.4
5:30:00 AM	53	58.3	49.6	77
5:31:00 AM	53.1	58.8	48.8	76.3
5:32:00 AM	51	54.2	48.9	70.8
5:33:00 AM	48.7	50.4	47.8	66.1
5:34:00 AM	49.9	50.9	48.7	66.2
5:35:00 AM	49	50.1	48.1	63.3
5:36:00 AM	48.4	49.5	47.7	63.1
5:37:00 AM	49.2	50.6	48.3	65
5:38:00 AM	49.7	50.5	49	67
5:39:00 AM	49.3	52.9	47.6	68.2
5:40:00 AM	49.7	52.6	48.2	66.7
5:41:00 AM	51.9	55.1	48.8	72.6
5:42:00 AM	53.9	57.1	49.9	75.7
5:43:00 AM	50.4	54.4	47.9	75.2
5:44:00 AM	50.3	51.9	49.3	67.8
5:45:00 AM	49.2	50.3	48.5	65.9
5:46:00 AM	48.8	49.7	48	62.8
5:47:00 AM	48.9	50.2	47.7	65.6
5:48:00 AM	51.4	54.7	48.1	73
5:49:00 AM	51.1	54.7	48.2	72.8
5:50:00 AM	49.7	52.3	47.9	69.9
5:51:00 AM	49.1	50.3	48.1	63.5
5:52:00 AM	48.4	50.3	47.8	65.5
5:53:00 AM	49.1	51.4	47.9	65.9
5:54:00 AM	48.8	51.4	47.7	64.3
5:55:00 AM	47.8	48.3	47.2	62.4
5:56:00 AM	48.7	50.1	47.9	63.4
5:57:00 AM	48.3	48.8	47.8	62.6
5:58:00 AM	48	48.8	47.6	67.1
5:59:00 AM	48.6	50.1	47.7	63.6
6:00:00 AM	49.8	51.6	48.9	65.9
6:01:00 AM	53.6	57.7	48.9	75.1
6:02:00 AM	51.5	57.1	48.5	75
6:03:00 AM	48.8	49.7	48.4	63.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:04:00 AM	48.7	50	47.7	64.4
6:05:00 AM	49.1	49.9	48.4	65.4
6:06:00 AM	48.8	49.7	47.2	66.3
6:07:00 AM	49.7	51.3	48.6	66.5
6:08:00 AM	48.5	49.5	47.3	65.9
6:09:00 AM	47.9	50.2	46.5	67.3
6:10:00 AM	47.4	48.9	46.7	63.1
6:11:00 AM	47.5	48.6	46.8	62.8
6:12:00 AM	47.8	49.4	47.1	64.1
6:13:00 AM	47.7	48.3	47.1	62.9
6:14:00 AM	48.2	48.8	47.7	62.2
6:15:00 AM	49.1	53.3	47.6	67
6:16:00 AM	49	52	47.7	64.8
6:17:00 AM	48.8	50.7	47.8	64.3
6:18:00 AM	47.6	48.7	47	62.8
6:19:00 AM	54	59.5	46.9	72.8
6:20:00 AM	51.8	58.8	47.4	71.1
6:21:00 AM	48.2	49.2	47.6	63.5
6:22:00 AM	47.7	48.2	47.1	62
6:23:00 AM	48.4	49.3	47.7	64.1
6:24:00 AM	49.6	51.4	48.3	64.8
6:25:00 AM	49.7	51.1	48.7	64.1
6:26:00 AM	48.8	50.4	47.6	64.6
6:27:00 AM	48.2	49.2	47.5	63.5
6:28:00 AM	48.5	49.5	47.9	72.7
6:29:00 AM	48.8	49.7	47.9	63.6
6:30:00 AM	48.9	49.7	48.1	64.6
6:31:00 AM	48.8	49.8	47.9	63.3
6:32:00 AM	48.3	49.5	47.7	62.9
6:33:00 AM	49.2	50	48.5	63.2
6:34:00 AM	49	50.8	48.1	66.6
6:35:00 AM	48.7	49.8	48.3	64.1
6:36:00 AM	48.8	51.1	47.9	64.1
6:37:00 AM	49.9	54.2	48.3	67.7
6:38:00 AM	48.5	49.5	47.9	63.2
6:39:00 AM	48.6	49.8	47.8	63
6:40:00 AM	49.8	51	48.9	65

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:41:00 AM	56.5	62.3	49.9	74.6
6:42:00 AM	50.4	52.5	48.8	67.3
6:43:00 AM	49	50	47.9	64.8
6:44:00 AM	48.8	50.2	48.2	64.1
6:45:00 AM	48.5	49.8	47.5	65
6:46:00 AM	48.2	49.2	47.5	64
6:47:00 AM	48.1	49	47.6	62.9
6:48:00 AM	47.9	48.5	47.2	62.7
6:49:00 AM	47.6	49.6	47	63.6
6:50:00 AM	47.5	49.8	46.9	79.1
6:51:00 AM	48.1	49.3	47.5	63.8
6:52:00 AM	48.3	49.6	47.4	64.3
6:53:00 AM	48.8	50.1	47.5	65.7
6:54:00 AM	48	48.7	47.4	62.9
6:55:00 AM	48.2	49.2	47.6	63.7
6:56:00 AM	48.1	49	47.4	62.5
6:57:00 AM	48.2	49.7	47.5	63.7
6:58:00 AM	48.8	50.2	48	64.2
6:59:00 AM	49.1	50.6	47.9	64.1
7:00:00 AM	48.2	49.7	47.5	63.5
7:01:00 AM	49.6	51.5	47.8	64.6
7:02:00 AM	48.4	49.3	47.6	62.9
7:03:00 AM	53.1	57.1	48.1	70.3
7:04:00 AM	48	49.4	46.8	63.7
7:05:00 AM	48.4	49.5	47.4	63.1
7:06:00 AM	48.4	49.5	47.2	63.8
7:07:00 AM	48.8	50.6	47.7	63.5
7:08:00 AM	52	53.4	50.2	66.4
7:09:00 AM	51.4	53.4	49.3	66.8
7:10:00 AM	48.6	49.5	47.8	63
7:11:00 AM	48.5	50.8	47.4	64.1
7:12:00 AM	49.4	50.4	48	64.1
7:13:00 AM	48.4	50	47.5	64.1
7:14:00 AM	48.5	50.1	47.3	72.3
7:15:00 AM	48.8	50.4	48	64.2
7:16:00 AM	48.5	49.4	47.8	62.7
7:17:00 AM	48.7	49.4	48.1	63.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:18:00 AM	49	50.4	48.2	63.4
7:19:00 AM	49.9	51	48	64.1
7:20:00 AM	50	51.6	47.9	65.4
7:21:00 AM	50.3	53.9	47.7	68.4
7:22:00 AM	50.2	51.3	48.8	68.4
7:23:00 AM	49	50.9	48.2	63.8
7:24:00 AM	49.4	50.4	48.7	64.4
7:25:00 AM	50.1	54.3	48	66.2
7:26:00 AM	52.9	58.4	49.3	69.8
7:27:00 AM	49.1	50.2	48.3	63.3
7:28:00 AM	48.8	49.8	48.1	64.7
7:29:00 AM	52.4	58.1	47.9	71
7:30:00 AM	50.6	57.3	47.5	68.8
7:31:00 AM	49.2	50	48.4	64.5
7:32:00 AM	48.7	50	47.4	63.1
7:33:00 AM	48.1	49.3	47.3	62
7:34:00 AM	48.7	50.7	47.3	64.3
7:35:00 AM	47.5	48.5	46.3	64.3
7:36:00 AM	59.8	68.3	47.4	80.9
7:37:00 AM	50.2	55.5	47.2	67.7
7:38:00 AM	49.7	52.4	48.3	65.2
7:39:00 AM	51.6	58	47.5	72.1
7:40:00 AM	47.9	50.2	47	61.9
7:41:00 AM	49	53.9	47	67.6
7:42:00 AM	47.9	49.1	47.2	62.5
7:43:00 AM	47.7	49.4	46.9	63
7:44:00 AM	48.5	50.5	46.8	65.3
7:45:00 AM	47.6	49.4	46.6	64.4
7:46:00 AM	46.9	47.7	46	62.6
7:47:00 AM	47.7	48.3	47.1	62.8
7:48:00 AM	47.7	48.9	46.9	62.7
7:49:00 AM	47.6	50.2	46.5	63.4
7:50:00 AM	48	50.8	46.8	64.1
7:51:00 AM	47.2	48.6	46.3	61.9
7:52:00 AM	46.7	47.3	46.2	61.5
7:53:00 AM	50.7	55.8	46.7	69.6
7:54:00 AM	50.1	55.6	46.3	69

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:55:00 AM	46.8	48.4	46.1	62.5
7:56:00 AM	46.6	47	46	61.4
7:57:00 AM	46.7	47.7	46	61.5
7:58:00 AM	46.9	47.9	46.3	62.1
7:59:00 AM	47.1	49.6	46.3	77.9
8:00:00 AM	46.6	47.1	46	63.8
8:01:00 AM	46.5	47.4	45.9	70.8
8:02:00 AM	49.8	54.6	46.6	64.8
8:03:00 AM	47.4	48.8	46.6	62.6
8:04:00 AM	47.2	47.9	46.3	63
8:05:00 AM	47.2	48.1	46.5	62.3
8:06:00 AM	46.5	48	45.8	61.8
8:07:00 AM	46.7	48.4	46.3	62.4
8:08:00 AM	46.6	47.2	46.1	61.9
8:09:00 AM	46.8	48.6	46.4	63.2
8:10:00 AM	47.3	49.1	46.6	62.4
8:11:00 AM	47.6	49.3	46.4	63.1
8:12:00 AM	47	47.5	46.4	62.2
8:13:00 AM	46.8	47.4	46.3	61.5
8:14:00 AM	47	47.4	46.4	60.9
8:15:00 AM	47.2	47.8	46.5	61.7
8:16:00 AM	47.4	47.9	46.8	61.5
8:17:00 AM	47.4	47.9	47	61.8
8:18:00 AM	47.5	48.1	46.9	61.6
8:19:00 AM	47.9	48.3	47.4	62.1
8:20:00 AM	47.9	48.4	47.1	62.6
8:21:00 AM	47.8	48.2	47.3	62.1
8:22:00 AM	47.8	48.5	47.3	64.4
8:23:00 AM	48	48.5	47.3	64.2
8:24:00 AM	48.2	48.8	47.6	63.9
8:25:00 AM	48.3	48.9	47.6	63.5
8:26:00 AM	48.1	48.6	47.7	64
8:27:00 AM	48.4	51.4	47.5	64.1
8:28:00 AM	53	59.3	46.9	72.2
8:29:00 AM	47.4	47.8	46.8	63.9
8:30:00 AM	47.3	48.1	46.5	64.8
8:31:00 AM	47.5	47.9	47.1	65.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:32:00 AM	47.6	48.9	47.1	64.4
8:33:00 AM	47.6	48.4	47	65
8:34:00 AM	47.2	47.8	46.6	65.2
8:35:00 AM	47.5	47.9	46.8	65.5
8:36:00 AM	47.7	48.3	47.2	65.2
8:37:00 AM	48.2	48.8	47.4	65.6
8:38:00 AM	47.2	48.1	46.4	64.3
8:39:00 AM	48.1	48.8	47.6	64.8
8:40:00 AM	47.5	48.5	46.4	64.7
8:41:00 AM	47.2	48.4	45.3	64.8
8:42:00 AM	48	48.6	47.3	66.1
8:43:00 AM	47.9	48.9	46.7	65.4
8:44:00 AM	48.3	49.2	46.8	66.8
8:45:00 AM	48.8	49.6	48	65.8
8:46:00 AM	50.2	50.7	49.6	66.3
8:47:00 AM	51.2	54.4	50.3	69
8:48:00 AM	54.1	58.8	50.1	71.6
8:49:00 AM	50.4	51.1	49.8	66.4
8:50:00 AM	50.9	51.4	50.1	67.9
8:51:00 AM	51.2	51.6	50.8	68.6
8:52:00 AM	51	51.4	50.4	67.4
8:53:00 AM	50.9	51.5	49.7	67.2
8:54:00 AM	50.5	51.5	49.6	66.8
8:55:00 AM	50.9	51.6	50.2	67.7
8:56:00 AM	50.2	50.9	49.7	68.6
8:57:00 AM	50.2	51.2	49.6	67.9
8:58:00 AM	51.4	52.1	50.6	69.8
8:59:00 AM	51	51.8	49.2	68.7
9:00:00 AM	51.2	53.7	49.1	67.2
9:01:00 AM	51.3	51.8	50.3	68.5
9:02:00 AM	51	51.9	50.3	70.2
9:03:00 AM	51.2	52.2	50.2	69
9:04:00 AM	51.6	52.8	50.4	69.5
9:05:00 AM	50.8	51.8	49.2	74.2
9:06:00 AM	50.9	52.5	49.5	69
9:07:00 AM	52.2	52.9	51.1	70.5
9:08:00 AM	51.9	52.9	50.8	69.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:09:00 AM	52.1	52.7	51.2	69.7
9:10:00 AM	51.9	52.7	50.8	71.4
9:11:00 AM	51.5	53.1	49.9	69.7
9:12:00 AM	52.5	54.3	50.4	70.6
9:13:00 AM	52	53.3	50	69.4
9:14:00 AM	51.4	52.2	50.4	67.1
9:15:00 AM	52.1	52.9	51.3	69.1
9:16:00 AM	51	52.4	49.3	69.1
9:17:00 AM	50.9	52.1	49.3	67.7
9:18:00 AM	51.5	52.1	50.4	71.6
9:19:00 AM	51.5	52.3	50.1	68.9
9:20:00 AM	51.7	52.4	50.8	68.3
9:21:00 AM	51.2	51.8	50.4	68.3
9:22:00 AM	51.7	52.6	50.9	71
9:23:00 AM	53	55.3	52.1	70.2
9:24:00 AM	56.4	60.5	52.3	74.3
9:25:00 AM	52.6	55.5	51.7	70.4
9:26:00 AM	52	53.3	51	68.2
9:27:00 AM	52.4	53.1	51.7	69.1
9:28:00 AM	52.2	52.8	51.1	69.7
9:29:00 AM	51.9	52.7	50.6	69
9:30:00 AM	51.5	52.8	49.9	69.3
9:31:00 AM	52.5	53.2	51.6	70.1
9:32:00 AM	52.7	53.4	52	69
9:33:00 AM	52	53.3	50.8	68.5
9:34:00 AM	51.6	52.3	51	69.5
9:35:00 AM	51.4	52.4	50.1	68.4
9:36:00 AM	52.1	52.5	51.4	70.4
9:37:00 AM	51.8	53.3	50.9	69.1
9:38:00 AM	51.7	52.5	50.8	69.5
9:39:00 AM	51.9	52.9	51.1	69.1
9:40:00 AM	52.3	53.2	51.4	69.8
9:41:00 AM	51.9	53.9	50	69

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Location M5: 24-hour Session Report

Meter No. 35598
8/6-7/2020

Information Panel

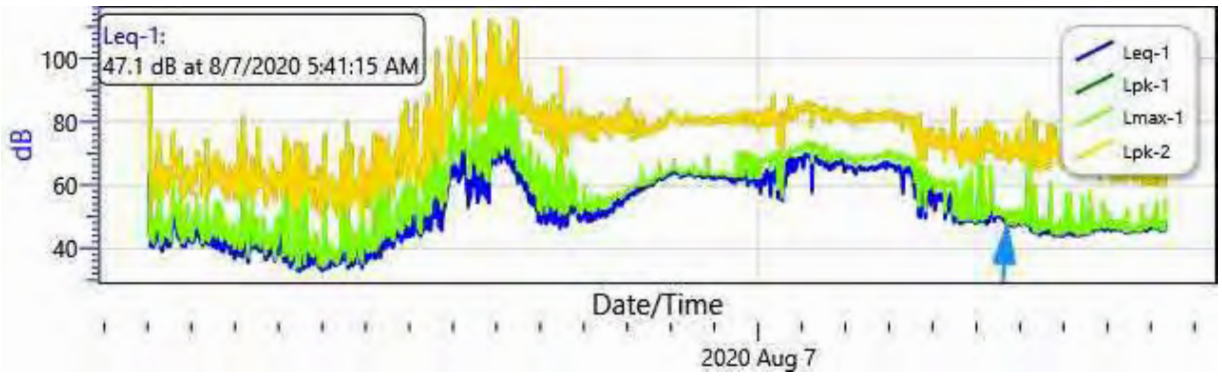
Name	S030_BGQ080006_07082020_114656
Start Time	8/6/2020 10:00:15 AM
Stop Time	8/7/2020 9:21:09 AM
Device Name	BGQ080006
Model Type	SoundPro DL
Device Firmware Rev	R.13H
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	61.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Logged Data Chart

S030_BGQ080006_07082020_114656: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/6/2020 10:01:15 AM	63.9	79.2	41.7	111.1
10:02:15 AM	45.3	54.9	40.9	91.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:03:15 AM	40.8	42.9	40.2	68.8
10:04:15 AM	41	43.4	40.2	61.3
10:05:15 AM	41.5	45.1	40.7	61.2
10:06:15 AM	42.1	44.8	40.3	62.9
10:07:15 AM	40.5	41.8	39.6	56.2
10:08:15 AM	43.7	49.9	39.7	63.8
10:09:15 AM	44.2	49.8	39.4	63.2
10:10:15 AM	44.9	50	40	63.8
10:11:15 AM	42.3	45.5	39.5	58.8
10:12:15 AM	43.4	47.8	39.9	67.8
10:13:15 AM	47.8	55.7	41.7	69.6
10:14:15 AM	54.6	61.1	45.9	76.4
10:15:15 AM	48	54.1	40.4	68.7
10:16:15 AM	40.8	42.1	39.9	59.8
10:17:15 AM	40	41.3	38.8	59.5
10:18:15 AM	40.5	44.4	38.5	59.7
10:19:15 AM	39.3	42.1	38	56.5
10:20:15 AM	42	46.1	39.3	61.1
10:21:15 AM	44.2	48.9	41	66.2
10:22:15 AM	41.6	44.4	39.8	64.6
10:23:15 AM	42.8	45.4	41.1	65.6
10:24:15 AM	42	44.3	40.6	60.4
10:25:15 AM	41.8	44.1	40.7	58.7
10:26:15 AM	41.2	46.3	39.3	62.2
10:27:15 AM	40.7	46.6	37.2	61.6
10:28:15 AM	44.2	48.8	40.7	64
10:29:15 AM	42.2	47	39.5	62.7
10:30:15 AM	41	42.6	39.8	60.5
10:31:15 AM	42.5	45.6	40.3	64.1
10:32:15 AM	44.8	49.8	40.9	64.5
10:33:15 AM	49.6	58	42.8	71.4
10:34:15 AM	53.9	63.6	41.6	76.7
10:35:15 AM	46.7	50.6	42.4	67.4
10:36:15 AM	47.7	51.6	43	67.1
10:37:15 AM	48.1	53.9	42.6	67.4
10:38:15 AM	48	52.2	42.3	68.4
10:39:15 AM	46.2	52.1	41.5	67.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:40:15 AM	43.9	47.2	41.6	65
10:41:15 AM	43.5	46.3	41.5	63.6
10:42:15 AM	43.7	47.6	41.9	60.9
10:43:15 AM	42.8	44.1	41.6	58.7
10:44:15 AM	50.6	57.4	40.8	71.5
10:45:15 AM	47	55.6	37.9	67.1
10:46:15 AM	40.8	42.1	38.2	56.6
10:47:15 AM	40.9	43.1	39.5	58
10:48:15 AM	40.8	42	38.8	56
10:49:15 AM	40.9	42.5	39.5	56.3
10:50:15 AM	40.8	42.8	36.3	62.8
10:51:15 AM	40.8	44.1	37.1	58.2
10:52:15 AM	47	53.5	41.1	65.4
10:53:15 AM	46.9	53.9	41.9	66
10:54:15 AM	42.5	44.3	40.9	60.3
10:55:15 AM	43.9	47.8	42.1	61.7
10:56:15 AM	43	44.3	42.1	64.8
10:57:15 AM	43.1	44.2	42.2	60.9
10:58:15 AM	42.8	44.2	41.8	59.2
10:59:15 AM	42.1	43	41.3	63.7
11:00:15 AM	41.8	42.7	40.6	57.2
11:01:15 AM	42.7	44.4	41.7	61.5
11:02:15 AM	44.3	51.2	41.5	64.8
11:03:15 AM	42.8	48.3	40.2	62.5
11:04:15 AM	46.2	50.1	41.2	65
11:05:15 AM	43.9	46.8	40.4	61.2
11:06:15 AM	48.9	57.1	42.9	70.6
11:07:15 AM	46.2	49.9	43.5	70
11:08:15 AM	46.1	52.1	42.4	70.3
11:09:15 AM	48.9	53.4	42.9	67.5
11:10:15 AM	44.2	48.7	40.6	67.6
11:11:15 AM	42.3	46.7	39.4	67
11:12:15 AM	42	44.9	39.9	66.1
11:13:15 AM	41.7	46	39.9	67.3
11:14:15 AM	41	41.9	39.8	64.5
11:15:15 AM	42.1	43.2	41.4	56.7
11:16:15 AM	43.7	47.9	42.1	61.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:17:15 AM	43.2	45.9	42	60.6
11:18:15 AM	42.8	45.1	41.3	60.4
11:19:15 AM	41.8	43.4	41.1	57.6
11:20:15 AM	49.3	59.6	41.4	74.5
11:21:15 AM	42.1	43.4	41.3	58.2
11:22:15 AM	41.5	42.4	40.1	57.7
11:23:15 AM	41.2	42.4	39.2	57.8
11:24:15 AM	41.3	44.3	40.1	59.2
11:25:15 AM	41.7	45.3	40	60.9
11:26:15 AM	43.6	48.2	40.8	62
11:27:15 AM	42.5	45.3	40.5	61.3
11:28:15 AM	41.9	45.4	38.6	62.5
11:29:15 AM	40.8	44.8	38.5	68.5
11:30:15 AM	43.1	48.6	40	61.5
11:31:15 AM	44.3	51.8	39.9	65.3
11:32:15 AM	42.8	47.5	38.2	65.3
11:33:15 AM	40.1	43.6	38.2	62.3
11:34:15 AM	47.3	55	39.1	70.4
11:35:15 AM	49.9	53.9	42.6	68.3
11:36:15 AM	42.2	45.7	38.5	61.4
11:37:15 AM	44.7	53.9	37.4	67.4
11:38:15 AM	40.6	46.6	36.7	66.4
11:39:15 AM	39.8	43.8	35.9	62.9
11:40:15 AM	39.5	42.5	36.9	58.6
11:41:15 AM	45	52.8	38.1	67
11:42:15 AM	40.3	44.7	38.4	61.4
11:43:15 AM	39.1	43.4	36.6	60.7
11:44:15 AM	41.2	49.3	37	63.1
11:45:15 AM	40.4	43.6	37	56.7
11:46:15 AM	43.2	47	40.1	62.4
11:47:15 AM	43.8	47.8	40.6	63.1
11:48:15 AM	41.8	43.9	40	61.9
11:49:15 AM	41.3	43.2	38.8	56
11:50:15 AM	40.9	42	40	65.8
11:51:15 AM	40.6	44.4	39.1	58.4
11:52:15 AM	38.4	41.7	35.1	59.4
11:53:15 AM	39	44.5	36	58.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:54:15 AM	40	42	36.3	58.8
11:55:15 AM	41.6	43.7	39.3	64
11:56:15 AM	41.8	47.8	39.1	63.5
11:57:15 AM	39.9	47.4	35.2	64.8
11:58:15 AM	36.9	40	34.1	57.3
11:59:15 AM	37.9	40.3	36.4	55.4
12:00:15 PM	39.8	41.8	37.6	59.5
12:01:15 PM	41.8	44.3	38.9	66.5
12:02:15 PM	40	42.3	38.2	57.5
12:03:15 PM	38.1	41.9	36.1	61.5
12:04:15 PM	39.2	44.2	35.9	58.7
12:05:15 PM	38.3	49.7	35.9	74.3
12:06:15 PM	37.8	39.6	36.9	56.2
12:07:15 PM	38.6	43.5	36.7	66.2
12:08:15 PM	37.9	42	36.4	67.4
12:09:15 PM	37.4	40.4	34.7	63.4
12:10:15 PM	56.4	66	39.4	80.6
12:11:15 PM	54.8	67.5	40.4	81.7
12:12:15 PM	42.5	51.7	35.5	67.4
12:13:15 PM	41.5	52	36.5	71.9
12:14:15 PM	40.1	42.8	37.1	61.1
12:15:15 PM	38.8	42.1	36.2	56.5
12:16:15 PM	38.3	43.3	34.4	65
12:17:15 PM	35.7	37.5	33.5	58.4
12:18:15 PM	39	42.1	35.3	58.9
12:19:15 PM	44.2	49.8	38.4	64
12:20:15 PM	45.3	49.6	39.9	63.8
12:21:15 PM	39.8	44.8	38.2	62.2
12:22:15 PM	47.7	53.9	39.1	66.4
12:23:15 PM	49.7	56.6	40.4	68.9
12:24:15 PM	40.6	41.5	39.5	56
12:25:15 PM	40.3	42	38.5	61.2
12:26:15 PM	40.5	42	39.9	60.1
12:27:15 PM	40.2	41.9	39.3	62.6
12:28:15 PM	41	42.9	40	57.8
12:29:15 PM	42.1	46.9	39.9	60.9
12:30:15 PM	41.7	50	39.3	77.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:31:15 PM	39.5	42.3	36.1	64.7
12:32:15 PM	40.1	41.2	39.1	60.5
12:33:15 PM	39.1	42.3	36	60.4
12:34:15 PM	39.3	40.4	35.4	59.6
12:35:15 PM	40.1	43.9	37.4	60
12:36:15 PM	40	44.9	39.3	60.4
12:37:15 PM	39.5	44.2	38.8	60.9
12:38:15 PM	42.8	50.3	38.3	64.8
12:39:15 PM	40.2	47.7	35.9	63.8
12:40:15 PM	39.1	43.6	36.5	60
12:41:15 PM	36.5	38.3	35.2	53.8
12:42:15 PM	36.6	41.5	33	59
12:43:15 PM	39.2	41.9	37.5	59.7
12:44:15 PM	39.3	43.7	36.7	60.8
12:45:15 PM	37.7	40.4	34.6	56.4
12:46:15 PM	38.6	40.5	37.6	56.5
12:47:15 PM	39	41	37.9	59.5
12:48:15 PM	42.2	45	38.4	68.1
12:49:15 PM	41.3	45.2	38.8	67
12:50:15 PM	41.1	45.3	37.6	61.5
12:51:15 PM	39.1	45.5	35.6	64.6
12:52:15 PM	37.7	40.7	35	62.8
12:53:15 PM	36.6	38.9	34.9	57.3
12:54:15 PM	36.1	36.7	35.6	55.3
12:55:15 PM	42	49.3	35.5	65.1
12:56:15 PM	42.3	47.3	39.8	60.3
12:57:15 PM	39.3	40.9	37.7	62.8
12:58:15 PM	38.1	41.1	36.3	60
12:59:15 PM	40.7	45.2	36	63.5
1:00:15 PM	44.5	49.8	39.6	62.7
1:01:15 PM	49	50.6	48	63.8
1:02:15 PM	48.5	50.2	46.5	63.1
1:03:15 PM	43.5	46.8	39.3	59.3
1:04:15 PM	40.3	47	37	62.6
1:05:15 PM	37.8	44.5	34.2	57
1:06:15 PM	36.1	37.9	34.9	56.6
1:07:15 PM	43.2	57.6	33.3	74.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:08:15 PM	42.1	47.6	36	66.9
1:09:15 PM	35.8	38.3	33	60.3
1:10:15 PM	41.8	51.5	33.2	64.9
1:11:15 PM	48.5	57.3	34.8	73.8
1:12:15 PM	38	43.2	33.8	58
1:13:15 PM	42.2	54.3	33.9	71.7
1:14:15 PM	37	47.3	33.3	62.1
1:15:15 PM	34.1	36.5	32.9	61.5
1:16:15 PM	35	38.4	33.4	60.1
1:17:15 PM	34.9	36.8	33	55.1
1:18:15 PM	36.7	38.2	34.6	63
1:19:15 PM	37.4	38.2	34.8	59.7
1:20:15 PM	37.6	38.6	35.6	52.6
1:21:15 PM	36.3	40.3	33.4	63.2
1:22:15 PM	52.6	59.3	36.7	72.3
1:23:15 PM	48.5	54.4	33.8	67.6
1:24:15 PM	33.4	34.4	32.8	52.5
1:25:15 PM	45.3	54.2	33.8	73.4
1:26:15 PM	38.6	45.6	33.3	62.4
1:27:15 PM	33.6	35.1	32.5	54.1
1:28:15 PM	32.8	34.6	32.2	67
1:29:15 PM	44.6	59	33	72.9
1:30:15 PM	36.8	39.8	34.9	61.6
1:31:15 PM	34.3	39.9	32	55.2
1:32:15 PM	34.5	44.2	32.1	61.9
1:33:15 PM	33.8	38.5	32.4	63.1
1:34:15 PM	36.5	43.2	33.5	62.8
1:35:15 PM	34	35.3	32.8	57.8
1:36:15 PM	42.8	48.7	32.9	64.6
1:37:15 PM	51.5	58.9	34.7	72.8
1:38:15 PM	42.1	49.6	33.5	67.5
1:39:15 PM	35.2	40.6	33.8	58.4
1:40:15 PM	35.1	39.7	33.2	60.9
1:41:15 PM	34.4	39.2	33.2	60.9
1:42:15 PM	36.4	41.6	33.7	60
1:43:15 PM	38.1	42.1	33.7	57.3
1:44:15 PM	35.8	38.2	33.6	62.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:45:15 PM	35.9	37.8	34.4	53.9
1:46:15 PM	36.2	38.3	34.7	61.5
1:47:15 PM	35.1	37.6	33.1	53.1
1:48:15 PM	36.7	44	33.6	59.4
1:49:15 PM	37.7	45.2	34.9	61.7
1:50:15 PM	36.9	38.8	35.5	57
1:51:15 PM	38	39.1	36.5	58.4
1:52:15 PM	39	44.3	34.8	65.7
1:53:15 PM	37.1	41.6	33.4	62.5
1:54:15 PM	34.6	36.2	33.5	54.5
1:55:15 PM	34	34.9	33.2	52.1
1:56:15 PM	35.8	39.3	33.6	51
1:57:15 PM	34	36.4	32.6	62.4
1:58:15 PM	33.3	35.7	32.4	60.3
1:59:15 PM	33.3	37.2	32.4	58.8
2:00:15 PM	33.1	34.4	32.4	66
2:01:15 PM	33.5	37	32.5	58.5
2:02:15 PM	47	57.6	34	70.5
2:03:15 PM	47.3	56.9	35.2	76
2:04:15 PM	35.1	38.9	33.7	59.3
2:05:15 PM	33.8	35	33	53.3
2:06:15 PM	37	41.3	33.2	56.1
2:07:15 PM	36.9	42.1	33.5	58.8
2:08:15 PM	34.8	36.8	33.4	59.1
2:09:15 PM	34.2	40.1	33.5	57.7
2:10:15 PM	36	39.7	34.6	59.5
2:11:15 PM	35.1	37.7	33.8	61
2:12:15 PM	35.9	41	33.6	63.2
2:13:15 PM	35.8	39.3	34.4	61
2:14:15 PM	35.9	38.8	33.8	52.8
2:15:15 PM	35.6	37.6	34.4	56.7
2:16:15 PM	34.8	36.2	34	59.6
2:17:15 PM	34.9	39.3	34	60.9
2:18:15 PM	34.9	35.6	34.1	54.3
2:19:15 PM	34.9	35.4	34.3	55.4
2:20:15 PM	35.2	36	34.2	50.7
2:21:15 PM	35.2	36.1	34.3	52.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:22:15 PM	35.5	36.3	34.7	52.5
2:23:15 PM	36	38.7	35.2	55.4
2:24:15 PM	35.5	38.2	34.5	60.4
2:25:15 PM	39.2	48.5	33.5	63.5
2:26:15 PM	48.1	54.9	36.7	70.5
2:27:15 PM	37.6	42.9	35.3	56.1
2:28:15 PM	45	50	36	60.1
2:29:15 PM	36.5	39.6	35	54.6
2:30:15 PM	38.7	44.6	35	65.2
2:31:15 PM	36.9	43.8	32.8	70.3
2:32:15 PM	36.4	45.6	32.9	58.6
2:33:15 PM	56.4	66.3	34.6	79.8
2:34:15 PM	34	35.4	32.7	50.6
2:35:15 PM	33.9	36.4	32.8	57.9
2:36:15 PM	35.6	37.7	33.9	55.3
2:37:15 PM	38	42.1	34.2	56.8
2:38:15 PM	34.9	40	33	53.9
2:39:15 PM	36	46.8	33.4	72.7
2:40:15 PM	37.6	42.8	33.7	64.8
2:41:15 PM	34.6	36.4	33.4	56.2
2:42:15 PM	36.4	41.9	33.1	57
2:43:15 PM	35.4	39.5	33.4	55.4
2:44:15 PM	35.5	37.9	33.8	56.6
2:45:15 PM	41.3	45.2	37.8	57.7
2:46:15 PM	39.9	40.7	35.3	58.1
2:47:15 PM	38.9	41.7	35	62.3
2:48:15 PM	40.1	40.5	39.6	56.1
2:49:15 PM	40.2	43.8	39.3	58
2:50:15 PM	39.5	44.5	35.5	60.3
2:51:15 PM	35.4	36.9	33.8	52
2:52:15 PM	36.3	42.6	33.5	58.3
2:53:15 PM	48.2	54.6	34.9	71.5
2:54:15 PM	34	35.6	33.2	49.2
2:55:15 PM	41.7	49	33.7	64.4
2:56:15 PM	48	55.2	36.1	69.8
2:57:15 PM	39.4	46.3	34.1	59.2
2:58:15 PM	37	44.1	34	61.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:59:15 PM	35.6	40.6	33.9	62.4
3:00:15 PM	36.2	40.3	34	60.9
3:01:15 PM	37.5	41.4	34.7	57.1
3:02:15 PM	37.2	39.2	36.1	53.5
3:03:15 PM	38	40.6	36.4	64.4
3:04:15 PM	38.8	43.7	36.2	61.3
3:05:15 PM	37.1	40	36.2	56.9
3:06:15 PM	37.3	42.5	36.4	66.1
3:07:15 PM	37.8	39.3	36.3	55.9
3:08:15 PM	38.4	42.5	36.9	59.1
3:09:15 PM	38.2	40	36.8	57.9
3:10:15 PM	40	51.1	35.8	67.9
3:11:15 PM	53	61.2	34.9	76.2
3:12:15 PM	36.9	39.8	35.2	57.7
3:13:15 PM	36.9	39.4	35.3	54
3:14:15 PM	39.4	44.1	36.4	56.7
3:15:15 PM	48.6	56.2	38.2	73.3
3:16:15 PM	38.6	40.9	37.3	59.4
3:17:15 PM	50.8	59.9	37.8	74.9
3:18:15 PM	47.3	60.4	36.3	74.7
3:19:15 PM	37.3	42.1	35.8	60.9
3:20:15 PM	40.7	45.5	37.2	65.1
3:21:15 PM	54	60.1	39.8	74.9
3:22:15 PM	43.2	49.4	38.7	62.6
3:23:15 PM	40	43	38.4	61.5
3:24:15 PM	39.8	44	37.9	59.9
3:25:15 PM	41.8	45.1	39.2	61.3
3:26:15 PM	40.6	47.4	38.5	63
3:27:15 PM	49.7	55.6	41.7	70.2
3:28:15 PM	40.6	45.2	39.1	62.1
3:29:15 PM	41.3	44.2	39.4	60.3
3:30:15 PM	54.3	60	43.7	74.8
3:31:15 PM	43.6	49.7	40.2	62.8
3:32:15 PM	44.4	48.1	40	64.7
3:33:15 PM	42.5	48.4	39.9	64.3
3:34:15 PM	41.2	43.3	39.9	60.2
3:35:15 PM	41.3	46.2	39.2	68.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:36:15 PM	40.4	43	38.6	64.4
3:37:15 PM	41.1	42.7	39.6	56.4
3:38:15 PM	41.5	46.1	39.5	62.9
3:39:15 PM	43.2	45.1	41.1	60.6
3:40:15 PM	45.5	52.1	42.8	68.5
3:41:15 PM	46.2	54.3	42.9	69.5
3:42:15 PM	43.9	48.3	41.4	71.2
3:43:15 PM	43.7	51.6	41.4	69
3:44:15 PM	43.7	52	40.6	69.4
3:45:15 PM	44.2	48.9	42	74.5
3:46:15 PM	44.8	54.9	41.8	72.2
3:47:15 PM	42.8	46.1	39.7	62.3
3:48:15 PM	42.1	45	40.4	66.8
3:49:15 PM	45.3	57.6	41.3	82.1
3:50:15 PM	43.7	46.5	41.1	73.9
3:51:15 PM	47.7	55.7	42.5	71.9
3:52:15 PM	46.5	53.3	42.6	70.5
3:53:15 PM	49.3	59.9	41.5	76
3:54:15 PM	43.5	52.5	41.3	68.5
3:55:15 PM	53.6	67.5	40.3	86.5
3:56:15 PM	44.8	48	41	61.4
3:57:15 PM	44.8	49.4	42.2	63.5
3:58:15 PM	44.8	49	41.8	62.5
3:59:15 PM	43.8	47.4	42.3	61.1
4:00:15 PM	46.6	53.9	42.6	69.1
4:01:15 PM	50.2	59.9	42.6	77.5
4:02:15 PM	45.7	54.4	41.6	68.6
4:03:15 PM	47.3	56	42.3	70.9
4:04:15 PM	44.2	51.8	42.2	67.2
4:05:15 PM	46	51.5	43	65.5
4:06:15 PM	48.3	54.9	45.2	69
4:07:15 PM	47.2	55.2	43.6	69.7
4:08:15 PM	52.3	63.5	44.7	85.9
4:09:15 PM	49.7	61.7	43.9	81
4:10:15 PM	46.4	52.5	43.5	65.1
4:11:15 PM	45.1	46.3	43.6	60
4:12:15 PM	44.5	46.2	42.8	61.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:13:15 PM	44.8	48.2	43.6	61.4
4:14:15 PM	44	45	43.2	60.1
4:15:15 PM	44.8	45.4	43.8	60.8
4:16:15 PM	44.9	50.5	43.1	64.4
4:17:15 PM	45.7	52.4	43.7	67.9
4:18:15 PM	46.3	55.1	43.1	69.4
4:19:15 PM	46.1	51.3	43.8	67.1
4:20:15 PM	53.8	65.9	42.3	83.2
4:21:15 PM	46.5	53.8	42.2	67.5
4:22:15 PM	47.1	57.5	42.5	70.8
4:23:15 PM	46.4	50.5	43.2	63.6
4:24:15 PM	57.9	70.2	44.9	89
4:25:15 PM	48.1	56.1	42.9	71.6
4:26:15 PM	58.9	68.7	44.9	85.1
4:27:15 PM	50.3	60.4	43.9	75.3
4:28:15 PM	45.7	51	43.5	65.6
4:29:15 PM	47.3	57.1	44.1	69.7
4:30:15 PM	52.4	65.8	44.1	83.6
4:31:15 PM	50.6	62.4	44.5	77
4:32:15 PM	53.3	66.2	44.2	83.6
4:33:15 PM	55	65.7	44.5	81.1
4:34:15 PM	49.9	57	46	72.7
4:35:15 PM	50.3	59.2	46.2	73.2
4:36:15 PM	54.2	64.1	45.2	78.4
4:37:15 PM	71.8	85.5	43.9	102.7
4:38:15 PM	55.5	64.7	43.3	80.4
4:39:15 PM	47	55.9	41.7	72.6
4:40:15 PM	57.2	69.8	41.4	85.6
4:41:15 PM	55.3	69.3	42.6	84.8
4:42:15 PM	62.2	77.3	43.2	94.9
4:43:15 PM	45.8	52.8	42.3	66.1
4:44:15 PM	48.5	58.5	43.3	73.1
4:45:15 PM	50.3	58.1	43.4	72
4:46:15 PM	55.2	66.6	46.5	82.9
4:47:15 PM	52.3	55.9	47.3	73.4
4:48:15 PM	52.9	55	50.2	71.2
4:49:15 PM	55.1	58.1	51.8	79.5

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:50:15 PM	57.4	59.8	55.4	79.5
4:51:15 PM	59.1	60.5	57.4	81.2
4:52:15 PM	59.3	61.4	58	83.8
4:53:15 PM	61.7	67.5	58.4	83.7
4:54:15 PM	61.6	65.7	58.9	91.6
4:55:15 PM	68.9	83.1	60.6	101.5
4:56:15 PM	72.9	87.2	59.1	106.4
4:57:15 PM	62.5	66.8	59.4	83.1
4:58:15 PM	65.9	72.2	60.5	90.6
4:59:15 PM	63.8	67.1	59.1	88.7
5:00:15 PM	67.5	77.1	55.5	95.9
5:01:15 PM	62.9	73.8	52.9	93
5:02:15 PM	63.6	73.3	52.8	93
5:03:15 PM	65.6	74.9	50.4	92.1
5:04:15 PM	63.9	74.9	50.6	90.4
5:05:15 PM	65.1	72.1	49.7	86.2
5:06:15 PM	62.7	72.7	48.1	86.2
5:07:15 PM	61.1	68.4	48.5	85.5
5:08:15 PM	63.4	71.8	50.5	85.3
5:09:15 PM	62.2	71.8	48.7	89.1
5:10:15 PM	63.8	75	45.7	89.4
5:11:15 PM	74	87.6	49.9	104.8
5:12:15 PM	65.3	71.3	51.4	88.4
5:13:15 PM	63.6	73.6	47	89.8
5:14:15 PM	67.9	80.4	46.3	100.8
5:15:15 PM	73.7	84.4	49.9	102.6
5:16:15 PM	64.8	75.7	44.4	91.2
5:17:15 PM	68.8	79.9	44.8	98.2
5:18:15 PM	58.1	70.2	43.6	86
5:19:15 PM	61.8	73	44.4	86.5
5:20:15 PM	53.2	62.5	43.5	79.3
5:21:15 PM	60.2	69.5	46.1	82.3
5:22:15 PM	61.7	70.8	45.1	83.7
5:23:15 PM	56	66.2	45.9	84.2
5:24:15 PM	58.9	68	48.1	81.2
5:25:15 PM	59.8	68.3	49.2	85.1
5:26:15 PM	61.4	70.4	51.8	84.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:27:15 PM	61.3	71.3	54.4	84.8
5:28:15 PM	76.6	91.9	52.1	111.8
5:29:15 PM	69.4	82.1	53.5	101.2
5:30:15 PM	59.5	66.8	53	80.1
5:31:15 PM	62.6	72.4	53.9	84.9
5:32:15 PM	57.5	67.9	50.7	81
5:33:15 PM	54.6	65.2	48.2	82.1
5:34:15 PM	55.5	63.5	48.6	78.4
5:35:15 PM	58.8	70	51.7	84.4
5:36:15 PM	63.2	72.8	53.9	86.7
5:37:15 PM	63.5	76	56.2	93.1
5:38:15 PM	64.7	75.5	54.2	89.3
5:39:15 PM	57.6	64.5	54.3	79.8
5:40:15 PM	59.1	64.6	56.4	84.2
5:41:15 PM	62.5	66.4	57	85.6
5:42:15 PM	65	75.9	59.2	91.2
5:43:15 PM	59	64.6	57.1	82.3
5:44:15 PM	56.2	63.4	54.7	80.2
5:45:15 PM	57.7	61.5	53.6	83.5
5:46:15 PM	57.5	62.2	53.9	83.4
5:47:15 PM	66.9	79.2	54.5	101.6
5:48:15 PM	54.5	61.4	49.7	84.4
5:49:15 PM	65.1	76.1	49	92
5:50:15 PM	78.4	92.1	50.3	112.1
5:51:15 PM	66.2	77	51.5	93.5
5:52:15 PM	76.8	87.7	53.3	108.2
5:53:15 PM	76.5	89.8	64.1	105.5
5:54:15 PM	67.6	68.6	66.3	93.5
5:55:15 PM	67.6	68.6	66.4	89.7
5:56:15 PM	69.7	80.7	66.5	95.3
5:57:15 PM	71.7	83.2	66.1	100.5
5:58:15 PM	66.5	68.8	65.2	84.8
5:59:15 PM	76.3	88.2	65.4	107.4
6:00:15 PM	68.2	77.3	64.4	91.3
6:01:15 PM	76.3	90.7	65.2	110.3
6:02:15 PM	68.5	71.1	67	91.1
6:03:15 PM	69.3	71.9	67.4	89

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:04:15 PM	71	81	66.2	101.1
6:05:15 PM	67.3	72.9	63.5	89
6:06:15 PM	69.4	70.2	67.8	88.7
6:07:15 PM	69	69.7	68.1	91.9
6:08:15 PM	70.6	76	68.7	93.7
6:09:15 PM	70.8	77.8	68.2	96
6:10:15 PM	71.9	82	67.2	97.8
6:11:15 PM	68.3	73.9	66.3	88.6
6:12:15 PM	68.7	78.7	65.9	97.6
6:13:15 PM	70.9	79.6	65.5	95.9
6:14:15 PM	66.9	71.9	64.3	85.7
6:15:15 PM	74.6	85.2	64.1	105.3
6:16:15 PM	68.6	78.5	65.5	95.1
6:17:15 PM	66.8	73.7	64.7	92.9
6:18:15 PM	66.7	73.5	63.5	85.4
6:19:15 PM	66.1	72.9	63.2	88.7
6:20:15 PM	67.1	74.5	63.2	90.8
6:21:15 PM	64.8	68.5	62.2	86.8
6:22:15 PM	72.6	84.8	62.3	105.3
6:23:15 PM	76.6	88.6	61.6	112.6
6:24:15 PM	63.9	70.3	61.5	89.1
6:25:15 PM	65	69.7	60.7	85.6
6:26:15 PM	78.7	92.7	60.1	111.4
6:27:15 PM	63.1	69.2	59.4	85.6
6:28:15 PM	60.7	64.8	58.6	85.9
6:29:15 PM	60.9	65.9	57.6	82.5
6:30:15 PM	61.9	69.1	57.1	86.7
6:31:15 PM	65.3	75.1	58.6	92.4
6:32:15 PM	62.3	70.6	59.6	84.2
6:33:15 PM	61.3	64.2	59.4	85.1
6:34:15 PM	62.4	69.3	58.9	84.6
6:35:15 PM	60.3	67	58.7	83.2
6:36:15 PM	60.1	65	58.2	86.1
6:37:15 PM	60.6	65.6	57.6	87.2
6:38:15 PM	58.5	61.9	56.8	86.9
6:39:15 PM	61.6	68.6	55.4	85
6:40:15 PM	59.1	66.6	55.4	83

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:41:15 PM	58.4	67.3	53.9	86.5
6:42:15 PM	57.2	65.4	52.4	81.7
6:43:15 PM	55.2	60.7	51.4	82.9
6:44:15 PM	63.1	73.6	51.1	91.4
6:45:15 PM	54.5	58.6	51.2	80.8
6:46:15 PM	57.5	70.6	51.9	87.8
6:47:15 PM	59.1	71.8	51.8	85
6:48:15 PM	54	57.7	50.3	82.2
6:49:15 PM	56.6	63.9	50.5	81.4
6:50:15 PM	56.7	63.9	51.2	81.5
6:51:15 PM	54.1	62.4	49.4	79.1
6:52:15 PM	53.1	59.8	47.2	76.9
6:53:15 PM	55.5	62.6	48.2	80.8
6:54:15 PM	52.1	59.7	47.8	83
6:55:15 PM	56	64.9	47.8	81.2
6:56:15 PM	48.7	52.5	45.5	77.2
6:57:15 PM	59.3	69.9	46	84.8
6:58:15 PM	56.1	64.7	46.8	81.2
6:59:15 PM	52.5	60.5	46.4	76.4
7:00:15 PM	48.1	51.1	45	79.1
7:01:15 PM	52.8	62.3	47.2	79.3
7:02:15 PM	58	65.5	46	83.9
7:03:15 PM	49.4	55.5	46.3	80
7:04:15 PM	50.9	54.1	48.3	79.8
7:05:15 PM	49.7	54.1	46.8	84.2
7:06:15 PM	56.7	66.1	45.7	85.9
7:07:15 PM	47.9	51.8	45.6	78.4
7:08:15 PM	48.3	51.3	45.4	75.9
7:09:15 PM	48.8	56.1	45.3	74.6
7:10:15 PM	55.2	62.9	45.7	82.7
7:11:15 PM	52.4	61.7	45	79.1
7:12:15 PM	56.4	64.2	44.8	80.3
7:13:15 PM	49.6	57	45.5	77.4
7:14:15 PM	48.9	55.6	45.1	77.1
7:15:15 PM	49.6	53.4	45.6	73
7:16:15 PM	48.2	53.7	44.6	85.2
7:17:15 PM	51.4	57.6	45.5	88.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:18:15 PM	47.9	52.3	44.5	76.1
7:19:15 PM	52.9	63.9	44.8	79.6
7:20:15 PM	48.1	53.3	43.5	71.1
7:21:15 PM	51.6	55.2	47.8	74.7
7:22:15 PM	48.7	53.7	43.6	78.8
7:23:15 PM	56.6	69.4	44	84.7
7:24:15 PM	51.7	56.3	46.5	79.7
7:25:15 PM	48.2	52.1	44	77.1
7:26:15 PM	46.4	50.8	42.7	80.4
7:27:15 PM	47.5	51.7	44.2	77
7:28:15 PM	66.5	77.8	44.1	96.8
7:29:15 PM	49.4	55.9	45	77.6
7:30:15 PM	49.4	53.4	44.9	76.9
7:31:15 PM	56.3	65.2	47.8	80.3
7:32:15 PM	47.8	51.2	44.7	81.2
7:33:15 PM	47.9	53.7	43.2	79.1
7:34:15 PM	47.1	51.3	43.6	69.6
7:35:15 PM	50.8	57.1	46.2	75.1
7:36:15 PM	47.4	52.1	44.8	72.7
7:37:15 PM	51.1	59.6	45.1	81.4
7:38:15 PM	51.4	53.7	49	77.6
7:39:15 PM	54.7	58	51.4	79.9
7:40:15 PM	58	64.1	52.5	78.9
7:41:15 PM	55.3	65	49.7	83.2
7:42:15 PM	54	62.1	49	77.8
7:43:15 PM	51.3	54.9	49.4	81.3
7:44:15 PM	54.3	60.7	50.9	81.9
7:45:15 PM	51.8	53.8	50.3	81
7:46:15 PM	52.1	54.3	49.9	76.2
7:47:15 PM	52.8	62.1	49.7	80.6
7:48:15 PM	54.5	61.7	49.6	81.5
7:49:15 PM	51.6	54.4	47.9	81.4
7:50:15 PM	52.1	54.6	49.6	77.4
7:51:15 PM	49.6	51.5	47.4	80.6
7:52:15 PM	51.1	54.2	47.5	84.1
7:53:15 PM	49.1	52.6	46.1	81.8
7:54:15 PM	48.6	53.3	45.6	78.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:55:15 PM	49.1	53.1	46.3	78.7
7:56:15 PM	49.2	51.8	46.3	81.5
7:57:15 PM	49.7	53.9	46.3	75.8
7:58:15 PM	50.1	53.2	46	82.2
7:59:15 PM	50.9	55.1	45.9	79.6
8:00:15 PM	52.6	60	47.2	79.9
8:01:15 PM	49.9	53.4	46.1	81.8
8:02:15 PM	53.2	56.4	46.6	81.7
8:03:15 PM	49	52.9	45.9	78.1
8:04:15 PM	49.2	52.8	46.3	76.7
8:05:15 PM	48.5	52.1	45.7	79.2
8:06:15 PM	49.2	53.6	45.1	75.2
8:07:15 PM	48.6	52.8	45	74.7
8:08:15 PM	51.6	54.3	46.8	76.9
8:09:15 PM	50	53.7	46.2	75.7
8:10:15 PM	48.8	51.8	45.4	74.3
8:11:15 PM	50.2	56.3	46.4	81.8
8:12:15 PM	50.1	53.8	47	79.2
8:13:15 PM	50.5	53.1	47	78
8:14:15 PM	50.2	54.6	45.9	74
8:15:15 PM	49.4	52.3	46.5	78.3
8:16:15 PM	51.5	54.9	48.4	78.7
8:17:15 PM	50.3	53.4	47.6	79.9
8:18:15 PM	54	57	50.8	78.5
8:19:15 PM	52	57	47.5	78.9
8:20:15 PM	50.8	53.6	48.4	78.2
8:21:15 PM	50.2	53.9	47.6	79
8:22:15 PM	49.9	53	46.6	82.6
8:23:15 PM	51.3	54.6	45.7	77.4
8:24:15 PM	50.3	54.2	46.3	79.8
8:25:15 PM	52	54.5	49.2	80.9
8:26:15 PM	51.8	54.6	47.7	80.5
8:27:15 PM	50.4	55.7	45.9	77.7
8:28:15 PM	50.6	54.1	47.3	77.1
8:29:15 PM	50.1	52.7	46.2	80.3
8:30:15 PM	51.7	56.1	46	77.1
8:31:15 PM	52.2	56.2	47.2	77.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:32:15 PM	50.7	54.1	47	76.2
8:33:15 PM	50.9	54.2	48.3	78.6
8:34:15 PM	52.5	54.8	47.9	81.8
8:35:15 PM	52.6	55.3	48.4	75.5
8:36:15 PM	52	54.5	49.3	75.9
8:37:15 PM	52.5	55.7	49	80.1
8:38:15 PM	52.6	55.1	48.8	77.6
8:39:15 PM	51.6	55.9	47.7	80.6
8:40:15 PM	54.4	56.3	51.6	79.5
8:41:15 PM	52.9	56	50	78.2
8:42:15 PM	54.1	56.6	51.6	80.7
8:43:15 PM	54.1	57	51.1	79.6
8:44:15 PM	54.8	56.6	51.9	77.6
8:45:15 PM	54.8	56.9	51.1	78
8:46:15 PM	55.8	57.6	52.8	78.4
8:47:15 PM	53.7	56.5	51	82.9
8:48:15 PM	54	56.5	51.2	77.3
8:49:15 PM	55.1	57.2	52.6	81.9
8:50:15 PM	54.6	56.8	52.7	80.2
8:51:15 PM	53.6	56.8	51.9	81.2
8:52:15 PM	54.3	56.6	52.8	80.7
8:53:15 PM	54.8	56.3	53.6	76.3
8:54:15 PM	54.9	57.3	53.2	77.8
8:55:15 PM	55.9	57.5	53.3	83.9
8:56:15 PM	55.8	58.1	53.2	76.3
8:57:15 PM	55.6	58.1	53.6	76.2
8:58:15 PM	55.8	57.6	53.8	79.8
8:59:15 PM	56.7	58.1	54.8	87.2
9:00:15 PM	55.7	58.4	53.6	80
9:01:15 PM	57.5	59.5	55.1	82.2
9:02:15 PM	57.5	59.5	56	80.8
9:03:15 PM	57.3	59.2	55.6	83.2
9:04:15 PM	57	59.7	54.7	77.4
9:05:15 PM	57.4	59.4	55.9	75
9:06:15 PM	57.5	59.5	55.9	74.6
9:07:15 PM	57.5	59.1	56.3	81
9:08:15 PM	57.9	60	56.4	80.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:09:15 PM	57	59.7	54.8	74.6
9:10:15 PM	58.7	60.5	55.5	75.9
9:11:15 PM	58.4	60.1	56.9	76.8
9:12:15 PM	58.2	60.5	56.3	75.7
9:13:15 PM	58.9	60.7	57.4	75.7
9:14:15 PM	58	60.1	56.9	75.5
9:15:15 PM	59.3	60.5	58.3	76.5
9:16:15 PM	58.3	60	57	80.1
9:17:15 PM	58.1	60	56.8	82.6
9:18:15 PM	58.8	60.3	57.6	81
9:19:15 PM	60.6	65.5	57.4	80.9
9:20:15 PM	59.3	60.4	57.6	78.8
9:21:15 PM	58.9	60.2	57.5	76.2
9:22:15 PM	59.2	60.1	57.5	76.9
9:23:15 PM	59.6	60.6	58.4	76.4
9:24:15 PM	59.3	60.7	58.1	76.2
9:25:15 PM	59.9	61	58.9	78.1
9:26:15 PM	60	60.8	58.8	76.2
9:27:15 PM	60	61.2	59	76.2
9:28:15 PM	59.7	60.4	58.8	76.6
9:29:15 PM	60.3	61	59.6	76.7
9:30:15 PM	60.8	61.7	59.8	77.8
9:31:15 PM	61.1	62.2	59.7	77.7
9:32:15 PM	61.3	62.2	60.4	78.4
9:33:15 PM	60.4	61.4	59.6	76.1
9:34:15 PM	59.9	60.9	58.4	76.3
9:35:15 PM	60.8	62	60	77.4
9:36:15 PM	61.4	62.2	60	78.3
9:37:15 PM	61.3	62.2	60	78.6
9:38:15 PM	61.9	62.7	60.6	77.9
9:39:15 PM	61.3	62.5	60.3	78.4
9:40:15 PM	61.9	62.7	60.9	77.4
9:41:15 PM	62.3	63.1	61.1	78.2
9:42:15 PM	62.4	63.2	61.6	80.4
9:43:15 PM	63.7	67.5	60.9	80.7
9:44:15 PM	62.4	64	61.3	79.2
9:45:15 PM	62.1	63	61.1	78.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:46:15 PM	61.8	63	60.4	79.2
9:47:15 PM	62.1	62.7	61	78.6
9:48:15 PM	62.2	63.2	61	78.3
9:49:15 PM	62.1	63.1	61.3	78.9
9:50:15 PM	62.4	63.4	61.4	80
9:51:15 PM	62.6	63.5	61.9	78.8
9:52:15 PM	63.2	64.1	62.1	80.8
9:53:15 PM	63.2	64	62	81.1
9:54:15 PM	63.3	64.4	62.1	81.8
9:55:15 PM	63.4	64.3	62.4	81
9:56:15 PM	63.2	64.3	61.1	81.4
9:57:15 PM	63.3	64.6	61.7	81.5
9:58:15 PM	63.6	64.8	61.4	83.5
9:59:15 PM	63.6	65.1	61.6	81.3
10:00:15 PM	63.8	65.1	62	83.1
10:01:15 PM	63.8	64.9	62.4	82
10:02:15 PM	64.1	68.1	62.2	81.7
10:03:15 PM	64.4	65.4	62.9	81.6
10:04:15 PM	64	65.1	62.6	82
10:05:15 PM	64	65.3	62.7	82
10:06:15 PM	63.7	65.5	62.6	81.7
10:07:15 PM	64	64.8	63	80.5
10:08:15 PM	64	64.6	63	80
10:09:15 PM	64	64.5	63.3	81
10:10:15 PM	64.1	64.7	63.3	80
10:11:15 PM	63.3	64.8	61.5	79.7
10:12:15 PM	62.6	63.5	61.4	79
10:13:15 PM	63.3	64.3	61.4	80.7
10:14:15 PM	63.4	64.2	62.6	80.1
10:15:15 PM	63.4	64.1	62.7	79.8
10:16:15 PM	62.8	63.9	61.5	80.7
10:17:15 PM	63.1	63.8	61.8	80.7
10:18:15 PM	63.3	63.9	62	79.6
10:19:15 PM	63.7	64.3	62.8	80.4
10:20:15 PM	63.2	64.2	62	81.1
10:21:15 PM	63.2	64	62	80.1
10:22:15 PM	63.6	64.7	62.4	82.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:23:15 PM	64	64.8	62.7	81.1
10:24:15 PM	64.2	64.9	63.2	80.5
10:25:15 PM	63.7	64.8	62.2	80.4
10:26:15 PM	63.4	64.6	62.2	81.2
10:27:15 PM	63.6	64.6	62.6	81
10:28:15 PM	63.4	64.3	62.6	81.1
10:29:15 PM	63.1	64	61.8	81.4
10:30:15 PM	63.3	66.7	61.7	80.4
10:31:15 PM	62.6	63.3	61.8	79.5
10:32:15 PM	62.9	63.5	62.1	80.1
10:33:15 PM	62.9	63.9	62	79.9
10:34:15 PM	63.1	63.9	62.3	80.7
10:35:15 PM	63	63.8	61.7	80.1
10:36:15 PM	62.9	63.7	60.4	80.3
10:37:15 PM	63.1	64.3	61.2	80.7
10:38:15 PM	63.2	64.9	62	80.2
10:39:15 PM	63.4	64.1	62.8	81.1
10:40:15 PM	63.3	64.4	62	80.7
10:41:15 PM	62.9	64	61.6	81.2
10:42:15 PM	62.3	63.8	58.7	80.5
10:43:15 PM	62.3	63.6	60.3	80.8
10:44:15 PM	62.5	63.5	60.2	81.5
10:45:15 PM	63	64	61.7	80
10:46:15 PM	62.5	63.3	61.3	79.4
10:47:15 PM	62.9	63.6	61.9	79.6
10:48:15 PM	63.4	64.1	62.6	80.4
10:49:15 PM	64.1	68.1	62.5	81.4
10:50:15 PM	64.1	69.1	62	81.9
10:51:15 PM	62.8	63.8	61.6	79.4
10:52:15 PM	63.1	64	61.4	80
10:53:15 PM	63.1	64	61.9	79.2
10:54:15 PM	62.2	63.6	61.1	79.2
10:55:15 PM	62.9	63.7	61.3	80.5
10:56:15 PM	62.7	63.4	61.1	79.9
10:57:15 PM	62.5	63.5	61.1	80
10:58:15 PM	62	63.5	60.1	80.4
10:59:15 PM	62.6	63.6	61.1	80.6

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:00:15 PM	62.5	63.5	61.4	80.6
11:01:15 PM	62	63.2	60.2	81
11:02:15 PM	62.9	63.6	61.7	80.6
11:03:15 PM	63	63.7	62.2	79.7
11:04:15 PM	62.7	63.8	61.3	81.3
11:05:15 PM	62.7	63.6	60.8	80.3
11:06:15 PM	62.8	63.7	61.7	80.7
11:07:15 PM	62.5	63.6	59	80.2
11:08:15 PM	62.5	63.3	60.9	80.4
11:09:15 PM	62.8	63.6	61.3	81.5
11:10:15 PM	62.2	63.4	60.4	80.5
11:11:15 PM	62.6	63.6	61.2	80.4
11:12:15 PM	63	64	61.8	82.1
11:13:15 PM	63.3	64.2	62	80.7
11:14:15 PM	63	63.9	61.6	80.3
11:15:15 PM	62.3	63.3	60.8	80.6
11:16:15 PM	62.2	63.2	60.6	81.9
11:17:15 PM	62.1	63.1	60.3	80.2
11:18:15 PM	61.9	63.3	60	80.4
11:19:15 PM	62.3	63.2	60.6	80.6
11:20:15 PM	61.5	63.1	58.4	80.6
11:21:15 PM	61.3	63	58.7	79.8
11:22:15 PM	62	63	60.1	80.9
11:23:15 PM	61.6	63	59.6	80.2
11:24:15 PM	60.8	62.8	57.3	79.6
11:25:15 PM	61.9	63.1	58.9	81.6
11:26:15 PM	61.9	63	60.5	80.7
11:27:15 PM	62.3	63.2	60.7	80.5
11:28:15 PM	60.9	62.8	58.8	80
11:29:15 PM	61.9	63	60.4	80.1
11:30:15 PM	62.2	69.2	59	82.3
11:31:15 PM	63.9	70.5	58.7	82.9
11:32:15 PM	63.1	69.4	60.2	82.5
11:33:15 PM	62.9	69.7	60	81.9
11:34:15 PM	61.8	62.9	60.6	80.1
11:35:15 PM	63	69.8	59.9	82.5
11:36:15 PM	62.9	69.7	60	81.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:37:15 PM	62	63	60.5	80.3
11:38:15 PM	61.7	62.9	60.2	79.8
11:39:15 PM	62.9	69.7	60.6	82.6
11:40:15 PM	63	69.5	59.6	83.4
11:41:15 PM	63.5	70.5	58.9	83
11:42:15 PM	64.7	70.9	57.9	83.5
11:43:15 PM	62.6	68.6	60.3	82.3
11:44:15 PM	62.8	70	59.1	82.5
11:45:15 PM	59.9	62.8	56.3	80.3
11:46:15 PM	61.5	62.7	58.2	79
11:47:15 PM	62.4	69.8	57.3	82.7
11:48:15 PM	61.1	62.4	59	80.1
11:49:15 PM	63	69.6	59.5	81.7
11:50:15 PM	61.1	62.3	58.2	79.4
11:51:15 PM	63.4	69.5	58.9	82.3
11:52:15 PM	63.4	69.4	59.6	82.4
11:53:15 PM	62.9	69.5	57.4	82.8
11:54:15 PM	61.9	69	56.9	81
11:55:15 PM	62.1	67.1	55.8	80
11:56:15 PM	59.6	62.4	57.7	82
11:57:15 PM	60	65.2	56.8	77.6
11:58:15 PM	62.2	68.2	58.1	81.5
11:59:15 PM	62.5	68.1	56.9	81
8/7/2020 12:00:15 AM	60.1	62.5	56.4	80.8
12:01:15 AM	63.1	68.5	56.6	82.9
12:02:15 AM	57.5	62.5	55.8	79.7
12:03:15 AM	63.7	68.2	57.1	82.7
12:04:15 AM	61.7	68.1	55.7	79
12:05:15 AM	60.8	68	55.7	80.9
12:06:15 AM	63	68.4	54.8	81.2
12:07:15 AM	60.4	68.1	54.7	81.7
12:08:15 AM	60.2	67.7	54.5	78.9
12:09:15 AM	63.3	68.6	55	82.5
12:10:15 AM	61.7	68.8	55.5	84
12:11:15 AM	64.9	68.8	55.8	81.9
12:12:15 AM	63	68.4	55.4	79.8
12:13:15 AM	63.8	68.9	55.3	80.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:14:15 AM	63.4	68.4	54.8	81.8
12:15:15 AM	61.7	68.7	54.5	83.2
12:16:15 AM	56.6	64.7	55	79.1
12:17:15 AM	64.1	69.4	55.1	82.4
12:18:15 AM	63.8	69.7	54.9	81.4
12:19:15 AM	61.4	68.5	54.5	81.7
12:20:15 AM	62.6	68.7	55.2	88.6
12:21:15 AM	64.3	69.6	56.2	80.4
12:22:15 AM	61	69.6	54.3	80.9
12:23:15 AM	61.1	68.6	54.5	79.7
12:24:15 AM	65.8	70	55.7	80.8
12:25:15 AM	62.9	70.1	54.6	81
12:26:15 AM	56	58.8	54.6	73.2
12:27:15 AM	63	70.2	55.1	81.2
12:28:15 AM	61.8	70.1	54.4	81.3
12:29:15 AM	65	71	55	80.7
12:30:15 AM	66	72.2	54.1	83.3
12:31:15 AM	64.7	70.1	54.9	82.2
12:32:15 AM	55.2	56.4	54.1	70.5
12:33:15 AM	62.1	69.4	54.8	81
12:34:15 AM	63.9	69.2	55.4	80.8
12:35:15 AM	61.2	68.7	54	79.3
12:36:15 AM	59.8	68.7	54.2	80.2
12:37:15 AM	63.6	69.4	54.3	81
12:38:15 AM	67.4	70.5	56	83.1
12:39:15 AM	67.2	70.7	56.2	83.4
12:40:15 AM	63.2	69	54.8	81.8
12:41:15 AM	67.6	71.3	57.7	84.4
12:42:15 AM	68.4	70.6	59.4	83.5
12:43:15 AM	69.1	71.3	62.7	87.9
12:44:15 AM	67.5	70.6	57.8	83.8
12:45:15 AM	67.2	69.8	56.3	82.7
12:46:15 AM	64.3	69.9	55.8	80.6
12:47:15 AM	68.1	70.7	57.7	84.1
12:48:15 AM	68.4	70.4	60.4	83.4
12:49:15 AM	64.4	70.2	55.9	82.9
12:50:15 AM	66.5	70.9	57.2	82

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:51:15 AM	65.2	70	56.5	81.2
12:52:15 AM	66.2	70.8	54	82.3
12:53:15 AM	68.3	70.8	60.4	83.8
12:54:15 AM	68.3	72.4	58.9	85
12:55:15 AM	68.8	71	61.1	83.8
12:56:15 AM	68.6	71.6	61.1	83.9
12:57:15 AM	68.6	72.1	57.7	84.9
12:58:15 AM	68.5	72	60.4	84.4
12:59:15 AM	67.7	72	58.3	84.9
1:00:15 AM	67.5	70.5	55.5	84
1:01:15 AM	65.4	71.3	54.4	83.1
1:02:15 AM	69.5	72.6	63	84.6
1:03:15 AM	69.7	73.5	60.2	86.1
1:04:15 AM	70	73.2	62	85.8
1:05:15 AM	69.5	73.3	59.9	85.3
1:06:15 AM	69.3	71.7	61.8	85.2
1:07:15 AM	69.5	71.5	63.4	84.2
1:08:15 AM	68.8	72	60.3	83.9
1:09:15 AM	69.6	71.8	65.3	84.6
1:10:15 AM	69.5	73.2	63.1	85.3
1:11:15 AM	69.5	73.6	62.3	85.9
1:12:15 AM	69.1	71.8	59.3	83.8
1:13:15 AM	57.9	67.4	53.2	78.9
1:14:15 AM	68.2	71.7	54.2	83.4
1:15:15 AM	68.6	71.9	59.9	84.8
1:16:15 AM	69	73.6	59.7	85.2
1:17:15 AM	67.9	71.8	60.9	83.6
1:18:15 AM	68.2	71.7	61.1	83.9
1:19:15 AM	68.7	71.9	59.7	84.7
1:20:15 AM	69.5	72.7	62.8	84.2
1:21:15 AM	67.3	71.2	60.1	83.8
1:22:15 AM	67.8	71.3	61.7	83.5
1:23:15 AM	66.6	69.1	61	83
1:24:15 AM	66.7	70.6	59.7	82.5
1:25:15 AM	67.3	69.5	62.4	82.2
1:26:15 AM	67.8	70.3	61.8	82.9
1:27:15 AM	67.8	72	62.4	82.9

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:28:15 AM	67.3	72	58.8	84
1:29:15 AM	67.2	70.3	60.6	82.6
1:30:15 AM	65.8	68	59.9	80.7
1:31:15 AM	66.9	69.9	59.9	82.6
1:32:15 AM	67.1	70.4	60.9	84.5
1:33:15 AM	67.8	72.8	60.5	84.1
1:34:15 AM	67	70.7	59.8	83.2
1:35:15 AM	65.2	68.4	60	81.1
1:36:15 AM	65.5	67.6	60.8	80.7
1:37:15 AM	65	67.4	59.5	81
1:38:15 AM	64.9	67.2	60	79.8
1:39:15 AM	66.1	69.1	60.4	80.5
1:40:15 AM	66.9	69.5	62.5	82.1
1:41:15 AM	66.7	69.4	61.6	82.6
1:42:15 AM	66.6	68.8	61.9	81.5
1:43:15 AM	65.6	69.4	56.8	81.9
1:44:15 AM	67.2	69.4	59.6	82.9
1:45:15 AM	67.4	69.4	62.2	84
1:46:15 AM	67.6	70.3	59.8	82.8
1:47:15 AM	67.4	69.8	61.1	82.5
1:48:15 AM	66.8	69.3	60.5	82.2
1:49:15 AM	66.4	69	59.9	81.7
1:50:15 AM	67.1	69.4	62.3	81.5
1:51:15 AM	67.1	69.6	59.8	82.8
1:52:15 AM	67	69.1	61.4	82.4
1:53:15 AM	67.4	70.1	61	83.4
1:54:15 AM	68.1	70.3	61.9	82.3
1:55:15 AM	67.7	70.6	61.4	83.5
1:56:15 AM	67.4	70.1	62.5	82.1
1:57:15 AM	64.4	68.9	52.8	80.4
1:58:15 AM	64.3	68.9	52.2	82
1:59:15 AM	65.1	67.4	58.4	80.5
2:00:15 AM	65.4	68	61.2	82.3
2:01:15 AM	65.3	67.6	60.4	80.5
2:02:15 AM	66	69.5	60.3	81.9
2:03:15 AM	66.1	68.7	62	80.5
2:04:15 AM	65.8	68.7	60.9	80.8

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:05:15 AM	65.7	68.1	60.7	80.8
2:06:15 AM	65.9	68.7	62.6	80.2
2:07:15 AM	65.9	68.8	60.3	81.8
2:08:15 AM	65.8	68.9	60.5	81.5
2:09:15 AM	65.1	67.8	58.6	80.8
2:10:15 AM	64.2	67.4	59.8	81.3
2:11:15 AM	64.1	66.6	60.3	80.9
2:12:15 AM	64.2	67.5	60.1	79.7
2:13:15 AM	63.6	65.9	58.7	78.2
2:14:15 AM	65.5	68.5	61.6	80.6
2:15:15 AM	65.9	69.1	58.5	81.7
2:16:15 AM	65.2	68.7	58.6	81
2:17:15 AM	65.9	68.5	59	81.2
2:18:15 AM	65.2	69	56.7	81
2:19:15 AM	66.1	69.2	61	81.1
2:20:15 AM	65.5	68.7	59.8	82.5
2:21:15 AM	64.8	68.4	57.9	81
2:22:15 AM	65.3	68.3	60.9	80.8
2:23:15 AM	65.2	68	56.9	80.8
2:24:15 AM	65.5	69	57.7	82.3
2:25:15 AM	65.2	68.7	60.7	80.8
2:26:15 AM	64.8	68.8	59.2	80.4
2:27:15 AM	65.1	68.5	58.2	81.1
2:28:15 AM	64.8	68.3	58	80.4
2:29:15 AM	65.3	68.7	59.8	82.4
2:30:15 AM	64.7	68.6	57.5	81
2:31:15 AM	65.5	68.8	60.9	81.2
2:32:15 AM	65.5	69	55.7	81.8
2:33:15 AM	65.7	69.2	59.6	83.4
2:34:15 AM	65.6	68.8	59.8	81.2
2:35:15 AM	65.6	68.8	59.5	81.4
2:36:15 AM	66	68.7	60.5	81.5
2:37:15 AM	65	68.1	59.7	80.1
2:38:15 AM	65.4	69	59.7	81.8
2:39:15 AM	65.3	69.6	60.6	81.5
2:40:15 AM	64.8	69	58.8	82.5
2:41:15 AM	65.8	69.3	57.1	81.7

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:42:15 AM	65.1	68.3	60	80.8
2:43:15 AM	65.6	68.4	60.8	80.7
2:44:15 AM	66.1	69.5	60.2	82.2
2:45:15 AM	65.6	69.5	58.7	81.9
2:46:15 AM	65.8	69.1	59.7	81.7
2:47:15 AM	66.2	69.1	60.7	82.3
2:48:15 AM	66.6	69.1	61.3	81.7
2:49:15 AM	65.8	68.7	59.8	82.3
2:50:15 AM	66.1	68.8	59.6	81.4
2:51:15 AM	67.2	70.1	61.6	82.7
2:52:15 AM	66	68.9	59.5	81
2:53:15 AM	66.5	69.6	59.8	82.1
2:54:15 AM	65.8	68.8	57.6	81.4
2:55:15 AM	65.3	69	56	82
2:56:15 AM	67.4	70.8	60.2	82.9
2:57:15 AM	67	69.2	60.1	83.3
2:58:15 AM	66.5	71	59.8	82.7
2:59:15 AM	66.8	69.6	59.1	82.3
3:00:15 AM	66.3	69	59.2	81.2
3:01:15 AM	66	70.3	58.7	83.7
3:02:15 AM	66	68.6	62.9	81.2
3:03:15 AM	66.5	70.3	58.5	81.8
3:04:15 AM	66	69.7	58.6	82.3
3:05:15 AM	66.4	69.4	60	82.2
3:06:15 AM	65.9	68.9	59	81.2
3:07:15 AM	65.3	67.7	58.9	80.3
3:08:15 AM	64.6	68.7	55.7	81.2
3:09:15 AM	65.7	68.8	59.2	80.6
3:10:15 AM	65.9	68.4	59	80.8
3:11:15 AM	65.5	68.5	59.6	81.7
3:12:15 AM	65.9	70.1	56.9	83
3:13:15 AM	66.1	70.3	57.5	82.6
3:14:15 AM	64.6	68.4	54.3	80.4
3:15:15 AM	63.7	68.3	55.7	80.3
3:16:15 AM	64	67.9	53.7	80.8
3:17:15 AM	61.4	67.1	51.2	80.1
3:18:15 AM	57.5	65.7	51	77.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:19:15 AM	63.2	68.3	56.6	81.1
3:20:15 AM	65.5	69.4	59.4	81.9
3:21:15 AM	64.4	67.1	58.3	81
3:22:15 AM	65.1	68.3	58.8	81.6
3:23:15 AM	65	68.3	58.3	81.8
3:24:15 AM	64.6	68.7	57.3	82
3:25:15 AM	64	68.3	59	81.3
3:26:15 AM	65.7	68.9	57.5	81.9
3:27:15 AM	65.5	68.5	59.1	81.2
3:28:15 AM	64.5	68.8	58	81.6
3:29:15 AM	64.6	67.8	55.3	80.4
3:30:15 AM	63.2	66.2	53.5	78.3
3:31:15 AM	62.5	68.2	51	79.6
3:32:15 AM	63.5	67.9	53.2	80.1
3:33:15 AM	59.6	64.5	50.1	76.6
3:34:15 AM	62.5	67.7	51.5	81.2
3:35:15 AM	56.1	61.1	49.1	74.4
3:36:15 AM	59.5	64.9	49.2	76.8
3:37:15 AM	58.7	64.2	48.8	76.6
3:38:15 AM	60.3	68	48.6	80.9
3:39:15 AM	50.6	53.5	48.9	69.2
3:40:15 AM	50.2	54.1	48.5	71.4
3:41:15 AM	51.4	53.7	49.2	82.4
3:42:15 AM	50	54.9	48.5	68.1
3:43:15 AM	60	64.9	49.9	77.5
3:44:15 AM	59.6	66.1	50.8	76.8
3:45:15 AM	59.8	64.4	48.4	76.3
3:46:15 AM	56.6	60.6	48.8	73.2
3:47:15 AM	58.5	64.8	48.4	76.3
3:48:15 AM	51.5	57	47.3	71
3:49:15 AM	49.6	52.1	48.2	67.8
3:50:15 AM	59.1	65.3	48.5	77.5
3:51:15 AM	55	61	48.5	75.1
3:52:15 AM	55.5	59	49.1	73.2
3:53:15 AM	56.1	60.8	48.3	73.3
3:54:15 AM	55.9	62.6	48.5	75.4
3:55:15 AM	58.2	62.7	49.7	75.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:56:15 AM	53.7	60	48.6	72.4
3:57:15 AM	56.9	61.7	48.4	78.3
3:58:15 AM	57.7	61.5	48.5	73.5
3:59:15 AM	59	62.2	49.7	74.9
4:00:15 AM	56.1	61.9	48.5	74.5
4:01:15 AM	58.2	62.5	49.7	74.8
4:02:15 AM	52.1	58	47.6	73.3
4:03:15 AM	54.8	59.9	47.8	72.3
4:04:15 AM	54.7	59.5	48.1	74
4:05:15 AM	56.4	60.8	49.8	72.7
4:06:15 AM	56.2	60.5	48.6	72.1
4:07:15 AM	55.8	59.9	48.3	75.4
4:08:15 AM	57.3	61.3	49.9	77.5
4:09:15 AM	55.4	61.2	47.8	71.9
4:10:15 AM	56	60.6	48	72.7
4:11:15 AM	55.3	59.4	48.9	73
4:12:15 AM	56.8	60.1	48	72.6
4:13:15 AM	57.3	61.9	47.9	77.7
4:14:15 AM	56.2	60.9	48.4	73.2
4:15:15 AM	56.1	59.8	48	73.5
4:16:15 AM	49.5	51.7	47.6	67.7
4:17:15 AM	51	56.5	47.5	72.6
4:18:15 AM	52.5	59.6	47.7	75.7
4:19:15 AM	52.6	60.3	47.7	72.2
4:20:15 AM	55.9	60.6	46.3	71.5
4:21:15 AM	51.9	59.6	46.8	71.9
4:22:15 AM	54.1	60.7	46.6	73.4
4:23:15 AM	57.3	60.7	47.4	71.8
4:24:15 AM	57	61.8	48.9	73.5
4:25:15 AM	56.8	61.1	48.9	74.4
4:26:15 AM	56.7	61.3	48.8	74
4:27:15 AM	53.8	60.7	46.9	73
4:28:15 AM	48.3	51.4	46.5	84.2
4:29:15 AM	50.8	52.5	48.8	71.3
4:30:15 AM	49.7	50.7	49	72.5
4:31:15 AM	56.2	61.3	48	72.3
4:32:15 AM	52.7	61.1	48.1	73.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:33:15 AM	53.3	60.1	46.3	71.1
4:34:15 AM	49.1	51.4	46.1	68.2
4:35:15 AM	48.3	49.3	47.5	74.3
4:36:15 AM	50	52.7	48.6	68.7
4:37:15 AM	50.2	53.7	47.8	71.1
4:38:15 AM	47.9	49.2	47	66
4:39:15 AM	52	57.2	47.9	69.6
4:40:15 AM	51.7	57.5	48.1	71
4:41:15 AM	49.7	52.2	47.9	76.4
4:42:15 AM	48.5	49.2	47.9	69.4
4:43:15 AM	53.1	62.2	47.9	73
4:44:15 AM	50.4	56	47.4	69.1
4:45:15 AM	49.4	52.2	48.1	68.4
4:46:15 AM	48.8	49.4	48.4	68.4
4:47:15 AM	49.6	53	47.9	77.3
4:48:15 AM	54.2	60.5	49.5	74.7
4:49:15 AM	48.9	49.5	48.3	69.9
4:50:15 AM	48.8	49.4	48.3	67.1
4:51:15 AM	59.2	64.4	49	75.2
4:52:15 AM	56.1	64.7	48.8	75.6
4:53:15 AM	48.8	49.5	48.2	71.3
4:54:15 AM	48.8	49.2	48.4	69.2
4:55:15 AM	50.8	53.2	48.4	68.8
4:56:15 AM	49	52	47.8	71.5
4:57:15 AM	48	48.8	47.6	66.6
4:58:15 AM	49.5	52.2	47.6	74.3
4:59:15 AM	48.9	50.5	48.1	67.6
5:00:15 AM	48.4	49.2	47.9	66.9
5:01:15 AM	49.5	51.5	48	74.1
5:02:15 AM	58.1	66.8	47.1	77.9
5:03:15 AM	52.9	66.8	47.6	76.7
5:04:15 AM	56.1	66.3	48.1	77
5:05:15 AM	49.2	51.9	48.1	70.8
5:06:15 AM	48.5	49.1	47.9	72.9
5:07:15 AM	48.6	49.3	48.1	68.5
5:08:15 AM	49.9	52.2	48.3	69.7
5:09:15 AM	56.1	66.4	47.6	77.3

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:10:15 AM	48.7	49.7	48	73.5
5:11:15 AM	49.7	51.7	48.1	71
5:12:15 AM	48.7	52.2	47.4	76.5
5:13:15 AM	47.7	49.8	47	79.6
5:14:15 AM	49.3	52.4	47.6	71.5
5:15:15 AM	51.1	53.5	47.3	70.6
5:16:15 AM	48.6	51.5	47.2	74.5
5:17:15 AM	48.7	51	47.5	79.7
5:18:15 AM	50.6	57.5	47.1	71.2
5:19:15 AM	56.5	65.2	47.1	75.9
5:20:15 AM	56.3	66.2	47.1	76.4
5:21:15 AM	51	52.8	49.3	72.6
5:22:15 AM	51.1	53.3	49.1	70.7
5:23:15 AM	50.8	52.7	47	77
5:24:15 AM	48.6	50.6	46.9	70.3
5:25:15 AM	50.8	53	47.6	70.4
5:26:15 AM	50	51	49.3	68.8
5:27:15 AM	50.1	51.2	49.4	76.8
5:28:15 AM	51.1	52.9	49.6	70.4
5:29:15 AM	50.2	51.3	49.5	70.2
5:30:15 AM	50.2	51.5	49	72.6
5:31:15 AM	50.6	52.9	49.1	69.7
5:32:15 AM	49.8	50.7	49.1	70.7
5:33:15 AM	49.9	51.1	48.6	71.1
5:34:15 AM	49.4	50.6	47.4	68.6
5:35:15 AM	50	51.3	48.8	71.9
5:36:15 AM	49.4	50.2	47.9	69.6
5:37:15 AM	49	50.2	46.9	71
5:38:15 AM	48.4	50.8	46.8	69.1
5:39:15 AM	50	51.8	46.9	68.9
5:40:15 AM	48.6	51.3	46.8	76.5
5:41:15 AM	47.1	47.6	46.8	68
5:42:15 AM	48.4	51.2	46.8	75.3
5:43:15 AM	48.3	51.5	46.9	68.2
5:44:15 AM	48.3	51.5	46.2	69.2
5:45:15 AM	48.3	51.2	45.9	67.6
5:46:15 AM	49.2	52.3	46.8	71.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:47:15 AM	47.2	48.1	46.8	70.1
5:48:15 AM	48.8	51.2	45.9	68.9
5:49:15 AM	47.6	51.2	46.9	71.4
5:50:15 AM	48.5	51.2	46.9	73.9
5:51:15 AM	48.6	51.4	47	71.5
5:52:15 AM	47	47.6	45.9	71.3
5:53:15 AM	48.7	51	47.1	71.2
5:54:15 AM	49	51.9	47.4	71.3
5:55:15 AM	49.4	52	48	69.4
5:56:15 AM	47.7	48.8	46.7	76
5:57:15 AM	47.7	48.5	47.2	71
5:58:15 AM	49	51.2	47.2	78.3
5:59:15 AM	48.9	52.3	46.9	72.4
6:00:15 AM	47.6	48.3	46	70.6
6:01:15 AM	47.7	48.1	47.2	68.2
6:02:15 AM	48.2	49.3	47.1	69.8
6:03:15 AM	49.5	52.6	47.6	72.3
6:04:15 AM	48	49	47.3	70.2
6:05:15 AM	48	48.5	46.8	70.3
6:06:15 AM	48.6	51.1	47.6	67.7
6:07:15 AM	49.1	52	47.2	71.6
6:08:15 AM	47.6	48.1	47	67.3
6:09:15 AM	47.6	48	47	69.2
6:10:15 AM	60.8	70.6	47.4	81.2
6:11:15 AM	65	72.3	47.3	83
6:12:15 AM	54.3	70.7	47.5	73.3
6:13:15 AM	48	50.7	46.5	68.2
6:14:15 AM	45.8	47.4	44.1	69.4
6:15:15 AM	45.5	47.3	44.4	71.1
6:16:15 AM	46.4	48.5	45.1	65.1
6:17:15 AM	46.8	49.7	44.6	70.8
6:18:15 AM	45.2	45.7	44.7	70.4
6:19:15 AM	55.6	60.4	45.1	72.7
6:20:15 AM	47.5	51.8	45.5	80.5
6:21:15 AM	46.4	48.2	45.1	73.1
6:22:15 AM	45.6	47.7	44.6	69.7
6:23:15 AM	44.7	45.1	44.3	65.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6:24:15 AM	45.2	47.1	44.4	71.7
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6:27:15 AM	44.3	45.7	43.5	64.8
6:28:15 AM	44.9	46.6	44.1	70.2
6:29:15 AM	46.2	48.1	44.5	67.7
6:30:15 AM	47.1	49.9	45.1	73.8
6:31:15 AM	45.9	50.2	44	68.1
6:32:15 AM	46	47.8	44.5	72.7
6:33:15 AM	44.8	46.1	44.2	66.7
6:34:15 AM	44.8	46.9	44.1	67.5
6:35:15 AM	45.3	47.5	43.7	65.7
6:36:15 AM	45.6	48	43.9	72.8
6:37:15 AM	44.8	46.8	43.9	69.1
6:38:15 AM	45.6	46.6	43.9	71.3
6:39:15 AM	46.4	48.1	44.5	79.4
6:40:15 AM	47.2	49.8	45.1	65
6:41:15 AM	55.8	61.2	47.5	73.8
6:42:15 AM	46.4	48.2	44.7	74.5
6:43:15 AM	44.9	46.5	44.1	72.5
6:44:15 AM	44.5	45.2	44	71.5
6:45:15 AM	44.2	44.9	43.8	69
6:46:15 AM	44.1	46.1	43.7	78.6
6:47:15 AM	44.1	44.8	43.8	75.4
6:48:15 AM	45.3	46.6	44.2	72.5
6:49:15 AM	46.2	47.7	44.1	71.1
6:50:15 AM	44.2	44.7	43.8	70.9
6:51:15 AM	44.5	45	43.9	69.5
6:52:15 AM	44.1	44.8	43.7	70.1
6:53:15 AM	44.5	45.1	43.9	71.6
6:54:15 AM	44.1	44.9	43.7	67.3
6:55:15 AM	44.4	49.2	43.7	74.7
6:56:15 AM	44.1	44.8	43.7	71.7
6:57:15 AM	44.2	44.6	43.8	66.5
6:58:15 AM	45	46.3	44	65.5
6:59:15 AM	43.9	44.8	43.5	74.2
7:00:15 AM	44.4	45.5	43.7	78.7

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Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:01:15 AM	44.6	45.5	44.2	69.9
7:02:15 AM	46.2	51.4	44.6	73.9
7:03:15 AM	53	57.1	45.7	69.7
7:04:15 AM	46.4	49.1	44.2	70.1
7:05:15 AM	44.6	45.6	44	72.6
7:06:15 AM	44.8	45.8	44.3	75.8
7:07:15 AM	45.7	48.5	44.6	71.1
7:08:15 AM	54.9	57.9	48.5	73.7
7:09:15 AM	46.8	51.4	44.4	69.7
7:10:15 AM	44.4	45.8	43.8	75.8
7:11:15 AM	46.1	50.5	44.1	77.3
7:12:15 AM	44.2	45.8	43.7	74.6
7:13:15 AM	44.5	45.6	43.8	71.3
7:14:15 AM	44.1	45.4	43.7	75.6
7:15:15 AM	45	47.3	43.9	68.9
7:16:15 AM	45.3	47.9	43.8	70
7:17:15 AM	44.3	44.8	43.9	68.6
7:18:15 AM	44.2	45.3	43.8	73.8
7:19:15 AM	44	44.5	43.6	64.9
7:20:15 AM	44.2	45	43.8	71.7
7:21:15 AM	44.7	45.9	44	67.7
7:22:15 AM	45.8	48.1	44.3	71.6
7:23:15 AM	44.4	45	43.9	65.5
7:24:15 AM	44.2	44.8	43.7	64.1
7:25:15 AM	51	56.4	44.6	76.2
7:26:15 AM	45.2	49.5	44.1	70.8
7:27:15 AM	44.4	45	44	74.6
7:28:15 AM	44.7	45.4	44.1	69.7
7:29:15 AM	48.7	52.3	44.7	76.5
7:30:15 AM	45.7	47.8	44.1	66
7:31:15 AM	45.4	48.5	44.1	73.8
7:32:15 AM	44.6	45.4	44.3	73.5
7:33:15 AM	44.4	44.7	44.1	70.6
7:34:15 AM	44.5	45	44.2	72.1
7:35:15 AM	45	46.2	44.5	70.7
7:36:15 AM	52.2	58.3	45.1	71
7:37:15 AM	46.1	48.5	45.2	83.4

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7:38:15 AM	49.3	52.9	45	68.3
7:39:15 AM	47	51.3	45.4	68.5
7:40:15 AM	45.8	46.7	45.1	65
7:41:15 AM	45.4	46.3	44.8	71
7:42:15 AM	46.7	47.7	45.5	65.8
7:43:15 AM	46	46.8	44.9	64
7:44:15 AM	46.1	46.5	45.5	72.2
7:45:15 AM	46.3	47.9	44.8	69.4
7:46:15 AM	46.4	47.5	45.4	70.6
7:47:15 AM	46.3	46.8	45.6	72.5
7:48:15 AM	46	46.6	45.3	65.9
7:49:15 AM	46	46.5	45.3	62
7:50:15 AM	46.2	46.7	45.7	63.7
7:51:15 AM	47	48.9	44.8	68.4
7:52:15 AM	46.3	49	44.9	75.6
7:53:15 AM	51.1	55.4	45.2	72.5
7:54:15 AM	47.4	51.2	45.3	74.2
7:55:15 AM	45.7	46.8	44.8	67.4
7:56:15 AM	46.4	46.9	45.4	65.4
7:57:15 AM	45.8	46.8	44.6	69.8
7:58:15 AM	46.3	47.3	45.2	64.9
7:59:15 AM	46.7	47.1	46.4	67.1
8:00:15 AM	46.4	47.1	45.3	72.8
8:01:15 AM	46.2	48.5	45	77.4
8:02:15 AM	48.6	51.8	46.6	64.4
8:03:15 AM	46.5	47.4	44.9	63.8
8:04:15 AM	45.6	46.6	44.4	66.1
8:05:15 AM	46.3	46.8	45.4	66.5
8:06:15 AM	46	46.9	45.3	62.9
8:07:15 AM	47	48.9	45.6	72.2
8:08:15 AM	46	46.7	44.8	61.3
8:09:15 AM	45.9	46.9	44.9	71.8
8:10:15 AM	46.7	48	45.3	65.7
8:11:15 AM	46.6	47.7	45.8	70.4
8:12:15 AM	46.2	46.8	45.4	72.3
8:13:15 AM	45.9	46.4	45.3	61.7
8:14:15 AM	46.1	48.5	45.5	79.5

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Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:15:15 AM	46	46.4	45.4	63.8
8:16:15 AM	46.4	47.7	45.4	63
8:17:15 AM	46.1	47.3	45.3	64.3
8:18:15 AM	45.9	47.2	45.1	64.2
8:19:15 AM	45.8	46.3	45	69.4
8:20:15 AM	46.1	46.6	45.3	61.4
8:21:15 AM	46.8	49.4	45.5	65.7
8:22:15 AM	46.2	48.7	45.3	67.2
8:23:15 AM	46.2	47.2	45	61.5
8:24:15 AM	44.9	45.6	44.4	65.4
8:25:15 AM	45.1	47	44.6	62.3
8:26:15 AM	45.2	45.6	44.7	61.7
8:27:15 AM	47.9	52.3	44.7	66.1
8:28:15 AM	45	47.3	44.5	64.9
8:29:15 AM	44.9	45.2	44.4	67.5
8:30:15 AM	45	47.4	44.2	62
8:31:15 AM	45.8	47.6	44.4	63.9
8:32:15 AM	45.5	46.1	44.4	72.4
8:33:15 AM	45.9	46.6	45.1	63.7
8:34:15 AM	45.4	46.1	44.4	68.8
8:35:15 AM	45.4	46	44.9	67.2
8:36:15 AM	45.6	46.1	45.2	64.2
8:37:15 AM	45.5	46	45	65.9
8:38:15 AM	45.5	46	45.1	69.3
8:39:15 AM	46	46.4	45.6	61.4
8:40:15 AM	45.6	46	45.3	65.5
8:41:15 AM	46.1	47	45.4	64.1
8:42:15 AM	46	47.7	44.8	64.7
8:43:15 AM	45.5	45.9	45.1	65
8:44:15 AM	45.3	46.1	44.6	66
8:45:15 AM	45.4	45.7	45	63.1
8:46:15 AM	45.8	47.9	44.9	72.5
8:47:15 AM	47.4	49.9	46.3	62.8
8:48:15 AM	49	53.8	45.3	66.3
8:49:15 AM	45.8	46.5	45.1	60.5
8:50:15 AM	46.6	47.4	46	61.3
8:51:15 AM	47.3	48.8	46.4	66.8

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Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:52:15 AM	45.8	46.6	45	60.3
8:53:15 AM	45.6	46.5	45.1	63.9
8:54:15 AM	45.7	47.8	45	66
8:55:15 AM	46.4	48.3	45.2	60.8
8:56:15 AM	46.1	47.9	45	68.6
8:57:15 AM	46.5	48.2	45.4	64.7
8:58:15 AM	46.2	47.2	45.8	60.8
8:59:15 AM	46.5	48.8	45.9	62.9
9:00:15 AM	48.9	50	47.3	65.7
9:01:15 AM	47	47.6	46.5	62.3
9:02:15 AM	48.2	50.5	46.6	66.4
9:03:15 AM	48.2	50	46.2	62.2
9:04:15 AM	47.8	51.6	46.3	63.9
9:05:15 AM	46.3	46.6	46	60.3
9:06:15 AM	46.2	46.4	45.9	60.3
9:07:15 AM	48	55	45.2	65.7
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9:11:15 AM	45.8	48.9	44.9	63.3
9:12:15 AM	46.1	48.4	45	62.4
9:13:15 AM	45.5	46	45.2	59.9
9:14:15 AM	45.8	46.2	45.2	60
9:15:15 AM	46.5	48.2	45.6	61.7
9:16:15 AM	46.5	48.8	45.6	63
9:17:15 AM	45.8	46.1	45.3	60
9:18:15 AM	45.9	47.5	45.3	61.3
9:19:15 AM	48.6	55.5	45.5	69.9
9:20:15 AM	48.3	54.8	44.9	75.2

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA 4.12.2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins

CITY OF PORT WENTWORTH

PLANNING COMMISSION

MARCH 8, 2021

Via Teleconference GoToMeeting | **Regular Meeting** | **6:30 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Chairman CJ Neesmith called the meeting to order

2. PRAYER AND PLEDGE OF ALLEGIANCE

Vice-Chairman Bright led the Prayer and Pledge of Allegiance

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Present	
Maurice Rahn	Planning Commissioner	Absent	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Chairman	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson
ABSENT:	Rahn

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Jan 11, 2021 6:30 PM

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Bill Herrin, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson
ABSENT:	Rahn

6. ZONING MAP AMENDMENTS (REZONING)

Attachment: Planning Commission Minutes March 8, 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21 2nd Reading)

A. Zoning Map Amendment Application submitted by Phillip McCorkle, McCorkle, Johnson, McCoy, LLP., of behalf of Anthony Steele, Glenn Steele, Gary Wiggin, Lynn Jeffers, Sr., James Steele-Executor of the Estate of Fred Steele, Donnelly Marks-attorney-in-fact for Samuel Varnedoe, Jr., Comer Varnedoe Meadows, for PIN's # 7-0976-02-017, 7-0975-01-015, 7-0906-01-001B, portion of 7-0975-01-025, 7-0975-01-017A, 7-0975-01-026Y, 7-0975-01-026Z, 7-0975-01-016, 7-0976-02-041, portion of 7-0976-02-043 (Highway 21 & Jeffers Road) to Rezone from RA (Residential Agriculture) to P-I-1 (Planned Industrial) Zoning District for the purpose of Warehousing

Mr. Harvey stated the application was complete. Phillip McCorkle and Chad Zittrouer were present to represent the application. Mr. McCorkle gave an overview of the project and offered to answer any questions the Commission may have. Commissioner Herrin asked where the new traffic light would be installed for this project. Mr. McCorkle responded the traffic light would be at the intersection of Highway 21 and Lakeside Blvd. Commissioner Herrin asked if this project backed up to other projects across the Effingham County line. Mr. McCorkle responded that the project does back up to the Chesterfield project that is just across the Effingham County line. Commissioner Herrin asked about the berms and living conditions of the surrounding property owners, specifically the residents on Grant Road. Mr. McCorkle explained that the surrounding property owners where several hundred feet away from the property lines, and with the distance and required berms, the noise from the warehouse development should not impact the residents. Commissioner Morris asked if the Traffic and Noise study had been completed. Mr. McCorkle responded that both studies were currently being done and would be completed prior to the City Council meeting. Commissioner Morris asked that the minutes reflect that the DIA was not included in the packet. Mr. Harvey responded that the DIA is technical information that is under review by City engineers and that it is not included in the packet due to the size but it is available for review at the Development Services office. Chairman Neesmith asked if there were plans in the future to expand this development. Mr. McCorkle answered that yes there could be an expansion. Brian Orr spoke in favor to the traffic light being installed in correlation with this project. After several minutes of discussion, Commissioner Herrin made a motion to approve the application contingent upon all the engineering comments be resolved prior to City Council. Commissioner Bright seconded the motion. Commissioners Herrin, Bright, Rollf, and Nelson voted Yay. Commissioners Morris and Franklin voted Nay. The motion passes 4 to 2.

RESULT:	**APPROVED [4 TO 2]**
MOVER:	Bill Herrin, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Rollf, Nelson
NAYS:	Franklin, Morris
ABSENT:	Rahn

B. Zoning Map Amendment Application submitted by Phillip McCorkle, McCorkle, Johnson, McCoy, LLP., of behalf of R&R Property Ventures, LLC., for PIN # 7-0976C-01-004 (Highway 30) to Rezone from P-C-3 (Planned General Business) to P-R-M (Planned Multi-Family Residential) Zoning District for the purpose of Multi-Family Housing

Mr. Harvey stated the application was complete. Phillip McCorkle and Nathan Long were present to represent the application. Mr. McCorkle gave a brief overview of the project. Nathan Long gave a more detailed project overview and offered to answer any questions the commission may have. Commissioner Bright commented on his concerns with the

Attachment: Planning Commission Minutes March 8, 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21 2nd Reading)

traffic generated by this development and that traffic is already bad on Highway 30 during peak hours of the day. Mr. Long respond that the traffic memo that he provided is an example of the projected traffic with this type of multifamily development and that the traffic impact would be increased if the property were developed under the current commercial uses as zoned. Commissioner Herrin asked how close the project was to the railroad tracks on Highway 30 and about the traffic. Mr. Long responded that a traffic study would be completed during the Specific Site Plan submittal and review process. Commissioner Morris asked if this the site plan would change from what has been submitted, especially the amount of green space. Mr. Long respond that the developer's intent was to use this site plan layout and not make substantial changes to the amount of greenspace shown on the concept plan. There were no public comments. After several minutes of discussion, Commissioner Herrin made a motion to approve the application. Commissioner Morris seconded the motion to approve. Commissioners Herrin, Morris, Rollf, and Nelson voted Yay. Commissioners Bright and Franklin voted Nay. The motion passes 4 to 2.

RESULT:	**APPROVED [4 TO 2]**
MOVER:	Bill Herrin, Planning Commissioner
SECONDER:	Lauree Morris, Planning Commissioner
AYES:	Herrin, Rollf, Morris, Nelson
NAYS:	Bright, Franklin
ABSENT:	Rahn

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

A. Site Plan Review Application submitted by Phillip McCorkle, McCorkle, Johnson, McCoy, LLP., of behalf of R&R Property Ventures, LLC., for PIN # 7-0976C-01-004 (Highway 30) to allow a multi-family development in a P-R-M (Planned Multi-Family Residential) Zoning District.

Mr. Harvey stated the application was complete. Phillip McCorkle and Nathan Long were present to represent the application. Due to the general site plan being discussed under item 6B there were no further questions from the Commission. There were no public comments. After a brief discussion, Commissioner Morris made a motion to approve. Commissioner Herrin seconded the motion to approve. Commissioners Morris, Herrin, Rollf, Nelson and Franklin voted Yay. Commissioner Bright voted Nay. The motion passed 5 to 1.

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Bill Herrin, Planning Commissioner
AYES:	Herrin, Franklin, Rollf, Morris, Nelson
NAYS:	Bright
ABSENT:	Rahn

9. NEW BUSINESS

10. ADJOURNMENT

Attachment: Planning Commission Minutes March 8, 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21 2nd Reading)

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Bill Herrin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rolif, Morris, Nelson
ABSENT:	Rahn

Chairman

The foregoing minutes are true and correct and approved by me on this 12 th day of April, 2021.

Secretary

Attachment: Planning Commission Minutes March 8, 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21 2nd Reading)

DEVELOPMENT OF REGIONAL IMPACT REPORT

Prepared for
The City of Port Wentworth, Georgia
DRI #3270 SPH-21 Industrial Park

April 1, 2021

Prepared by:
Coastal Regional Commission
1181 Coastal Dr. SW
Darien, GA

Attachment: DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

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1. APPLICATION INFORMATION

1.1 Jurisdiction

City of Port Wentworth, Georgia
DRI # 3270
SPH-21 Industrial Park

1.2 Applicant

SPH 21, LLC
5 Concourse Way, Suite 200,
Atlanta, GA 30328
chris@crossgateconsulting.com
4043581178

2. PROJECT DESCRIPTION

2.1 Summary

The developer for the project is SPH 21, LLC, and is located in Atlanta, GA. The property in question is located at Georgia Highway 21 / 32 D 12' 56" N / 81 D 11' 57" W. The proposed project will a 2,629,000 SF Warehouse Development with associated infrastructure improvements.

The character area map for Port Wentworth designates this area as Suburban. The current zoning is Residential-Agricultural.

According to the DRI submittal, the estimated value at build out is $200,000,000. The estimated annual local tax revenues likely to be generated by the proposed project is $2,850,000.

3. PARCEL DATA

3.1 Size of Property

The project site has a total size of 2,629,000 square feet.

3.2 General Location

The property is located along Highway 21 in the northern portion of Port Wentworth in Chatham County, which is in the Coastal Region, consisting of ten counties and thirty-five communities. A site map of the location is provided in this report.

Attachment: DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

4. LAND USE INFORMATION

4.1 Site Map

The site plan for use of the property is attached.

4.2 Built Features

The applicant indicates the project will not displace any existing uses.

4.3 Future Development Map Designation (Character Area)

According to the Character Areas map from Port Wentworth's Comprehensive Plan, the site is located in an area designated as Suburban. The character area map is attached.

4.4 Zoning District

According to the application, the property is currently zoned as Residential-Agricultural (RA). Port Wentworth's zoning map is attached.

5. CONSISTENCY AND COMPATIBILITY ANALYSIS

5.1 Consistency with the Comprehensive Plan

The Port Wentworth Comprehensive Plan was adopted in 2016. The Character Areas Map designates the DRI property for Suburban.

The applicant's DRI submittal would likely require a zoning amendment and an amendment of the Character Areas Map as defined in the Comprehensive Plan.

6. CONSISTENCY WITH REGIONAL PLAN OF COASTAL GEORGIA

6.1 Regional Development Map and Defining Narrative

The Regional Development Map illustrates the desired future land use patterns from the regions' Areas Requiring Special Attention and the regions' Projected Development Patterns using the following categories:

a. Conservation
b. Rural
c. Developed
d. Developing

The Regional Development Map illustrates the project site as belonging to the Areas of Rapid Development and Areas of Significant Natural Resources categories.

6.2 Guiding Principles of the Regional Plan

Guiding Principles identify those overarching values which are to be utilized and evaluated for all decisions within the region. This section provides the analysis of the consistency between the proposed DRI and the Guiding Principles in the Regional Plan.

Attachment: DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

6.3 Guiding Principles for Water and Wastewater

Seven guiding principles are identified in the Regional Plan for water and wastewater:

1. Require the use of green building strategies to minimize water demand.
2. Promote the use of a standardized protocol to forecast water needs to meet reasonable future water needs throughout region.
3. Promote use of purple pipe and grey water techniques and use of surface water in addition to groundwater where appropriate.
4. Promote water conservation through use of a tiered rate system.
5. Promote the use of the best available technology, dependent on soil type, for wastewater treatment.
6. Large areas of Coastal Georgia are beyond the reach of urban wastewater infrastructure, or centralized wastewater treatment facilities. To ensure sustainable communities, require proper siting, design, construction, use, and maintenance of decentralized wastewater treatment, or ISTS (Individual Sewage Treatment Systems).
7. Pursue regional coordination in provision of water and wastewater facilities.

6.4 Guiding Principles for Stormwater Management

Five guiding principles are identified in the Regional Plan for Stormwater Management:

1. Encourage development practices and sitings that do not significantly impact wetlands and habitat areas or allow for the preservation and conservation of wetlands and habitat areas through appropriate land use practices.
2. Promote the use of coast-specific quality growth principles and programs, such as the Green Growth Guidelines, Earthcraft Coastal Communities and the Coastal Supplement to the Georgia Stormwater Management Manual, to guide site planning and development.
3. Minimize impervious coverage wherever possible. The level of impervious cover in a development, rather than population density, is the best predictor of whether development will affect the quality of water resource.
4. Develop stormwater programs across the region.
5. Pursue State-level funding for regional water quality monitoring activities due to the statewide importance of coastal waters and estuaries.

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6.5 Guiding Principles for Transportation

Seven guiding principles are identified in the Regional Plan for Transportation:

1. Provide the forum and the support to coordinate regional multi-modal transportation, including rail, airports, and public transportation, and also the planning and development of street connectivity and transit oriented developments.
2. Promote the establishment of regional transportation compact(s) to provide a forum for local governments and MPO's to communicate and discuss transportation issues and decisions in the Coastal Region. These compacts do not replace the existing federal and State processes mandated in law, but provide a forum to communicate issues, ideas and discussions.
3. Promote coordination among agencies and jurisdictions in development of a region-wide, multi-modal transportation network, including transit, where applicable.
4. Encourage the coordination of transportation network improvements and land use planning.
5. Promote coordinated public infrastructure and school location planning with land use planning.
6. Maintain a human scale environment with context sensitive design practices.
7. Work to establish dedicated revenue source(s) for transportation improvements.

6.6 Guiding Principles for Historic and Cultural Resources

Eleven guiding principles are identified in the Regional Plan for Historic and Cultural Resources:

1. Encourage local governments to examine proposed development areas prior to development approval and require mitigation to significant resources.
2. Encourage development practices and sitings that do not significantly impact cultural and historical areas.
3. Maintain viewsheds of significant cultural and historic assets.
4. Maintain a range of landscapes and environments that provide diversity of habitats, species, resources and opportunities for recreation, commerce, community enjoyment and cultural practices.
5. Designate culturally and/or archaeological and/or historically significant resource management areas for potential acquisition and/or protection.
6. Educate residents and visitors regarding the statewide importance of this region's cultural and historic resources.
7. Encourage utilization and cooperation of museums, universities, foundations, non-government organizations, professional associations, and private firms to advise and monitor management.

8. Promote the establishment of partnerships for the development and utilization of incentives to restore, remediate or reuse cultural resources as appropriate.
9. Compile the traditional lore and knowledge of local people and integrate their understandings and practices into planning and development.
10. Encourage coordination among agencies and jurisdictions in developing and funding heritage conservation land uses and ensuring public access to publicly held and supported conservation areas.
11. Promote designation of Main Street and Better Home Town Communities.

6.7 Guiding Principles for Natural Resources

Twenty guiding principles are identified in the Regional Plan for Natural Resources:

1. Promote the protection, restoration, enhancement and management of natural resources.
2. Continue the traditional use of land and water (such as farming, forestry, fishing, etc.) as feasible, provided that any significant impacts on resources can be prevented or effectively mitigated.
3. Protect and enhance Coastal Georgia's water resources, including surface water, groundwater, and wetlands and ground water recharge areas.
4. Protect and enhance water quality, quantity and flow regimes.
5. Commit to investing in the protection of natural resources before any restoration and/or remediation is needed.
6. Encourage the restoration and protection of wetlands to provide flooding, storm and habitat protection.
7. Maintain viewsheds of significant natural resources.
8. Enhance access to natural resources for recreation, public education, and tourist attractions as appropriate within the protection mission.
9. Encourage utilization of universities, foundations, and non-government organizations to advise, monitor, and enhance management.
10. Promote the establishment of partnerships and funding mechanisms for the development and utilization of incentives to restore, rehabilitate, protect or reuse natural resources as appropriate.
11. Encourage development practices and sitings that do not significantly impact environmentally sensitive areas.
12. Promote low impact design practices that protect natural resources.
13. Promote to local governments a program of monitoring installation and impacts of individual and community docks along the coast.
14. Promote the monitoring of cumulative impacts of waterfront development along the coast.
15. Maintain a range of landscapes and environments that provide diversity of habitats, species, resources and opportunities for recreation, commerce, community enjoyment and cultural practices.

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16. Encourage the development and use of a method to place a value on ecosystem services.
17. Promote the identification of innovative funding sources and development of ecosystem services markets (e.g. carbon, storm buffers, traditional land and water uses).
18. Promote the Adopt-a-Wetland program in areas that can be used as reference sites and that are within projected development areas.
19. Encourage coordination among agencies and jurisdictions in developing and funding conservation land uses and ensuring public access to publicly held and supported conservation areas.
20. Encourage coordination among agencies in studying the impacts of climate change and sea level rising.

6.8 Guiding Principles for Regional Growth Management

Twenty-three guiding principles are identified in the Regional Plan for Growth Management:

1. Encourage development that enhances the desired character of each of the region's cities and towns.
2. Avoid establishment of new land uses which may be incompatible with existing adjacent land uses.
3. Protect our military installations from land use changes that jeopardize their mission through creation or implementation of Joint Land Use Studies (JLUS).
4. Promote growth in those areas that can be efficiently served by infrastructure, such as water, wastewater and transportation.
5. Encourage infill development as an alternative to expansion.
6. Focus new development in compact nodes that can be served by public or community infrastructure providers.
7. Maintain and enhance the scenic character of our rural highways and county roads.
8. Encourage clustered developments, particularly in areas that are suitable and proposed for development, that maximize open spaces, protect natural, cultural and historic resources, preserve wildlife habitat, and include green, low impact development strategies.
9. Encourage local governments to allow green, low impact developments as an alternative to traditional development standards and develop incentives encouraging their use.
10. Limit development in sensitive areas located near marshes and waterways, to low impact development that maintains our coastal character, while recognizing and protecting the sensitive environment.
11. Strongly encourage that new developments have minimal impacts on vital wetlands, coastal hammocks, marshes, and waterways.
12. Discourage lot-by-lot water and wastewater treatment systems for multiple lot developments.
13. Promote green building techniques to maximize energy efficiency and water conservation and minimize post construction impacts on the environment.

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14. Encourage the development of a "transfer of development rights" (TDR) program.
15. Encourage development and compliance with minimum uniform land use and development standards for all local governments to adopt within the region.
16. Encourage coordination among agencies and jurisdictions in land use planning, regulation, review and permitting.
17. Promote affordable housing options.
18. Encourage the placement of new schools near existing infrastructure.
19. Partner with state, federal, non-governmental organizations and local governments to provide guidance on critical natural areas, land conservation efforts, and land use practices within each jurisdiction. Provide assistance in all outreach efforts forthcoming from this initiative.
20. Pursue opportunities for continuing education as it relates to regional issues.
21. Encourage enactment of impact fees to defray costs of new development.
22. Consider planning and/or managing a catastrophic event.
23. Promote reduction, reuse and recycle practices.

6.9 Guiding Principles on Business and Industry

Fourteen guiding principles are identified in the Regional Plan for Business and Industry.

1. Promote strategic distributions of business and industry across the region consistent with natural, cultural, historic and industrial resource strategies and encourage partnerships and collaboration between economic development agencies.
2. Investigate ways to share costs and benefits across jurisdictional lines for both regional marketing and project support.
3. Incorporate community plans for the strategic use of land for manufacturing, distribution, etc., while recognizing and respecting natural resources and the unique differences between communities.
4. Coordinate with the Georgia Ports Authority (GPA) to identify their needs and identify mechanisms for the economic development industry to strengthen the GPA and its presence in logistics, distribution, and workforce development.
5. Leverage and incorporate the region's military installations (Fort Stewart Army Base, Hunter Army Airfield and Kings Bay Naval Base) and the Federal Law Enforcement Training Center to recruit economic development projects.
6. Incorporate Herty Advanced Materials Development Center's experience and position as a development center for the commercialization of materials and create incentives to retain a portion of pilot plant opportunities as new Georgia industries and to assist development authorities in increasing recruitment win rates.

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7. Promote the historic nature, natural beauty and successful past and present performance of Coastal Georgia as a location site for film and clean high-tech industry and as a recruitment tool for opportunities.
8. Incorporate the Center of Innovation's (COI) statewide logistics plan into a regional strategy to assist in the recruitment of companies and leverage as support for industry.
9. Coordinate federal, State and local economic development funding programs and initiatives that affect the coast.
10. Enhance workforce development by collaborating with business, industry, and planning of educational entities that provide necessary workforce skills.
11. Increase existing industry retention and expansion rates.
12. Promote downtown revitalization efforts to enhance job creation and location of business and offices within downtown areas.
13. Incorporate current and future needs for housing, infrastructure, and natural resource protection into economic development initiatives.
14. Encourage international economic developments that support strategic industry sectors.
15. Enhance economic development and tourism opportunities by increasing cross functional communication.

6.10 Guiding Principles for Agricultural Lands

Ten guiding principles are identified in the Regional Plan for Agricultural Lands.

1. Strongly discourage the conversion of prime farmland to urban uses as it represents a loss to the region's landscape.
2. Wise use and protection of basic soil and water resources helps to achieve practical water quality goals and maintain viable agriculture.
3. Viable agriculture is the backbone of a functioning network of agriculture, open space, and natural areas and a range of strategies should be used to ensure the value of agricultural land.
4. Promote learning about culinary traditions and culture.
5. Encourage agricultural biodiversity.
6. Promote local food traditions and provide opportunity for education of where food comes and how our food choices affect the rest of the world.
7. Promote connecting producers of foods with consumers through events and farmers markets.
8. Promote biodiversity through educational events and public outreach, promoting consumption of seasonal and local foods.
9. Promote community gardens within urban settings.
10. Encourage regional tasting events of local foods, music, talks, forums, workshops, and exhibitions in favor of local agricultural products.

6.11 Guiding Principles for Communities for a Lifetime - Livable Communities

Twelve guiding principles are identified in the Regional Plan for Communities for a Lifetime/Livable Communities:

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1. The CRC promotes the concept of Lifelong Communities – places where people of all ages and abilities have access to the public landscape and services which enable them to live healthy and independent lives.
2. For a Lifelong Community to be truly successful it must be a complete community. Complete communities include the direct characteristics that at a minimum meet the needs of the user population, but also provided for a greater civic good by including elements that are beneficial to the environment, sensitive to a broad population and embrace economic\financially feasible regimes.
3. The region will encourage and promote the underlying issues that must be included in a Lifelong Community. The seven (7) basic tenets of a Lifelong Community are:
    a. Connectivity – the physical connection of streets, pedestrian networks and public spaces that promote ease of access, a direct coexistence with the existing urban fabric and barrier free mobility for all.
    b. Pedestrian access and transit – focuses on the access to public or privately supported methods of mass transit-oriented forms of mobility and focuses on pedestrian forms of mobility as a primary or equal method of transportation when compared to conventional vehicular modes.
    c. Neighborhood retail and services – proximity to vital and relevant supporting uses and services are necessary for a successful Lifelong Community. Mixture of uses, walkable streets and services oriented to a range of population needs is the context of this issue.
    d. Social interaction – social interaction with the full range of the population is a proven requirement of lifelong communities. Pedestrian accessible streets and dwellings, a full stratum of dwelling types, community programming elements and careful placement of improvements are key components in creating a socially vibrant community.
    e. Dwelling types – a range of dwelling types within a walkable range is crucial to meet the social, economic and physical goals of a lifelong community. Creative architectural and planning solutions, a strong but flexible regulatory framework and policies that promote efficient and sustainable methods of construction are among the crucial requirements of this issue.
    f. Healthy living – accessibility to fitness, education, cultural and health maintenance programming elements are vital to a successful lifelong community and are the primary concerns of this issue.
    g. Environmental and Sustainable Solutions – the creation of a complete community includes provisions for the appropriate preservation of natural and cultural resources. Promotion of sustainable construction techniques, preservation of natural and cultural resources, innovative methods of power generation and integrated food production are among some of primary components related to successfully executing this issue.
4. The region will determine its “aging readiness” to provide programs, policies and services that address the needs of older adults.

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5. The region will determine its "aging readiness" to ensure that communities are "livable" for persons of all ages.
6. The region will harness the talent and experience of older adults
7. To determine "age readiness," local comprehensive plans should review:
   a. Demographics;
   b. Quantity, quality, and type of existing housing stock;
   c. Land use patterns; and
   d. Quantity, quality, and type of recreational needs.
8. Comprehensive plans will promote development patterns and design features to meet the needs of seniors.
9. Comprehensive plans and ordinances will promote Universal Design/Accessible Building Standards for buildings as well as recreational areas.
10. Comprehensive plans will include goals and objectives that specifically address the aging population.
11. Consider seniors and the elderly when reviewing site plans for new construction and/or renovations.
12. The region will ensure comprehensive plans permit basic services within walking distance recognizing it is a great convenience for all residents but an absolute necessity for an aging population.

6.12 Guiding Principles for Coastal Vulnerability and Resilience

Three guiding principles are identified in the Regional Plan for Coastal Vulnerability and Resilience.

1. The region believes that a community's resilience is measured by its sustained ability to repare for, respond to, and fully bounce back from crises.
2. The regions strengthen is in our communities resilience and in understanding the region's vulnerabilities, and in taking positive collective actions to limit the impact of a disruptive crisis, and recovering rapidly from disasters.
3. The region believes in collaborating with a wide rnage of community resilience experts, community leders and private sector partners to work together to increase collective capactites to respond to adversity with increased resources, competence, and connectdness to one another.

7. REGIONAL RESOURCE PLAN AND RIR

7.1 The Regional Resource Plan

The Regional Resource Plan (RIR) identifies Cultural and Historic and Natural Resources of regional importance. The Regional Resource Plan provides recommended best development practices, protective measures and policies for local governments to use within one mile of a regionally important resource. The proposed site is within RIR area related to wetlands and floodplains.

7.2 Area Requiring Special Attention

The ARSA identifies areas requiring special attention, including:

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Areas where rapid development or change of land uses are likely to occur, especially where the pace of development has and/or may outpace the availability of community facilities and services, including transportation.

The DRI site falls within the ARSA categories of Rapid Development and Significant Natural Resources. The DRI site is designated as floodplain. The project is not expected to negatively impact the floodplain or wetlands.

7.3 Natural Resources

Green Infrastructure

The U.S. Environmental Protection Agency defines Green Infrastructure as management approaches and technologies that utilize enhance and/or mimic the natural hydrologic cycle processes of infiltration, evapotranspiration and reuse. This management approach attempts to keep stormwater onsite. It incorporates vegetation and natural resources as much as possible in development and redevelopment.

Green Infrastructure has a number of benefits, including reduced runoff, groundwater recharge, higher air quality, better aesthetics, reduces costs, lowers impacts on climate change, and provides environmental benefits that surpass improved water quality.

Coastal Georgia's Green Infrastructure network is defined as a natural life support system of parks and preserves, woodlands and wildlife areas, wetlands and waterways, greenways, cultural, historic and recreational sites and other natural areas all with conservation value. A potential impact as a result of premature or poorly planned conversion of land to other uses is the failure to adequately protect and conserve natural resources such as wetlands, flood plains, native vegetation, lakes, streams, rivers, natural groundwater aquifer recharge areas, and other significant natural systems. The river corridors, floodplains and tributary streams are considered to be critical green infrastructure components, as they supply key social, economic and environmental benefits for local communities and provide important habitats for wildlife.

Green infrastructure planning provides an alternative to what is common practice in many communities: conserving land on a piecemeal basis without the benefit of a large framework plan that allows a comprehensive approach to land conservation. Areas of protected open space should follow natural features for recreation and conservation purposes, including greenways that link ecological, cultural and recreational amenities.

Green Infrastructure shall be considered first in the planning process and in reviewing comprehensive plans, zoning, development review processes and performance standards.

Principles for green infrastructure include identifying what is to be protected in advance of development; providing for linkage between natural areas; and

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designing a system that operates at different functional scales, across political jurisdictions, and through diverse landscapes. Additional principles include sound scientific and land use planning practices, providing funding upfront as a primary public investment (for example, through a dedicated tax or other funding mechanism), emphasizing the benefits to people and nature, and using the green infrastructure as the planning framework for conservation and development. The concept of green infrastructure planning is based on a strategic approach to ensuring environmental assets of natural and cultural value are integrated with land development, growth management and built infrastructure planning at the earliest stage.

Greenspace or greenway land needs to be set aside for pedestrian, equestrian, and bicycle connections between schools, churches, recreation areas, city centers, residential neighborhoods, and commercial areas. Open-space, parks, trails, greenways, and natural undeveloped land are not individual but an integrated and organized system. Green infrastructure is as an interconnected system. Key physical, natural, ecological, landscape, historical, access and recreational assets contribute to the functionality of the green infrastructure network. The green infrastructure network weaves together a network of recreational and nature areas. Properly planned greenways provide efficient pedestrian linkages that can serve as alternative transportation to and from work, to services and other daily destinations. Greenway linkages serve as outdoor recreation for biking, walking, and jogging. Green infrastructure encourages the creation of transportation corridors and connections, which can foster ecotourism, tourism and outdoor recreation.

7.4 Wetlands

The applicant indicates that wetlands are present on the site.

8. COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY CEDS)

8.1 Population and Employment Trends

County	2010	2020	2030
Chatham	265,799	290,550	315,524

Source: U.S. Census; Georgia Governor's Office of Planning and Budget

The county's population is expected to grow from its 2010 level of 265,799 to 315,524 by 2030, according to the US Census and the Governor's Office of Planning and Budget.

The Coastal Georgia region supported 312,400 jobs in 2000, and is expected to support 435,050 jobs in 2030.

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9. CRC Resources

9.1 Coastal Stormwater Supplement

The CRC applauds Chatham County for adopting the CSS Ordinance and/or ensuring the Coastal Stormwater Supplement (CSS) is implemented for stormwater management.

9.2 Regional Design Guidelines

The CRC recommends that Chatham County ensure that new development creates an environment that contributes to the region's character. Regional Design Guidelines for the development are appropriate to implement quality growth.

For technical assistance contact Eric Landon, Director of Planning at elandon@crc.ga.gov or Cole Mullis, Regional Planner at cmullis@crc.ga.gov

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SITE PLAN
PROVIDED BY THE APPLICANT

DRI #3270 – SPH-21 Industrial Park

EFFINGHAM COUNTY LINE
CHATHAM COUNTY LINE

245' GA. POWER RIGHT OF WAY

611,000 SF
1,300' x 470'

376,000 SF
800' x 470'

376,000 SF
800' x 470'

486,000 SF
1,350' x 360'

470,000 SF
1,000' x 470'

310,000 SF
1,000' x 310'

50' BUFFER

50' BUFFER

50' BUFFER

100' BUFFER - 12' HIGH BERM WITH PLANTINGS

JEFFERS ROAD

GEORGIA HIGHWAY 21

SITE INFO:

TOTAL ACREAGE: 362.15 AC

PROPOSED ZONING: P-I-1

TOTAL SQUARE FOOTAGE: 2,629,000 SF

GRAPHIC SCALE

250 0 125 250 500 1000

(IN FEET)
1 inch = 250 ft.

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DATE: _____ BY: _____

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7 Mall Court (31406) P.O. Box 15179 (31416) Savannah, Georgia (912) 354-8400
319 Walnut Street Suite A Statesboro, Georgia 30458 Phone: (912) 225-3373

STAMP:

STAMP:

ORIGINAL RELEASED FOR CONSTRUCTION DATE:

NO	DATE	REVISION

PLANS OF
VARNEDOE-WIGGINS TRACT
AT
GA HWY 21 - PORT WENTWORTH, GA

DRAWING TITLE:
SITE PLAN

SCALE:	1" = 250'
PROJECT NO:	200230.000
DATE:	2/1/21
DRAWN BY:	CRZ
CHECKED BY:	CRZ

SHEET NO:
C1

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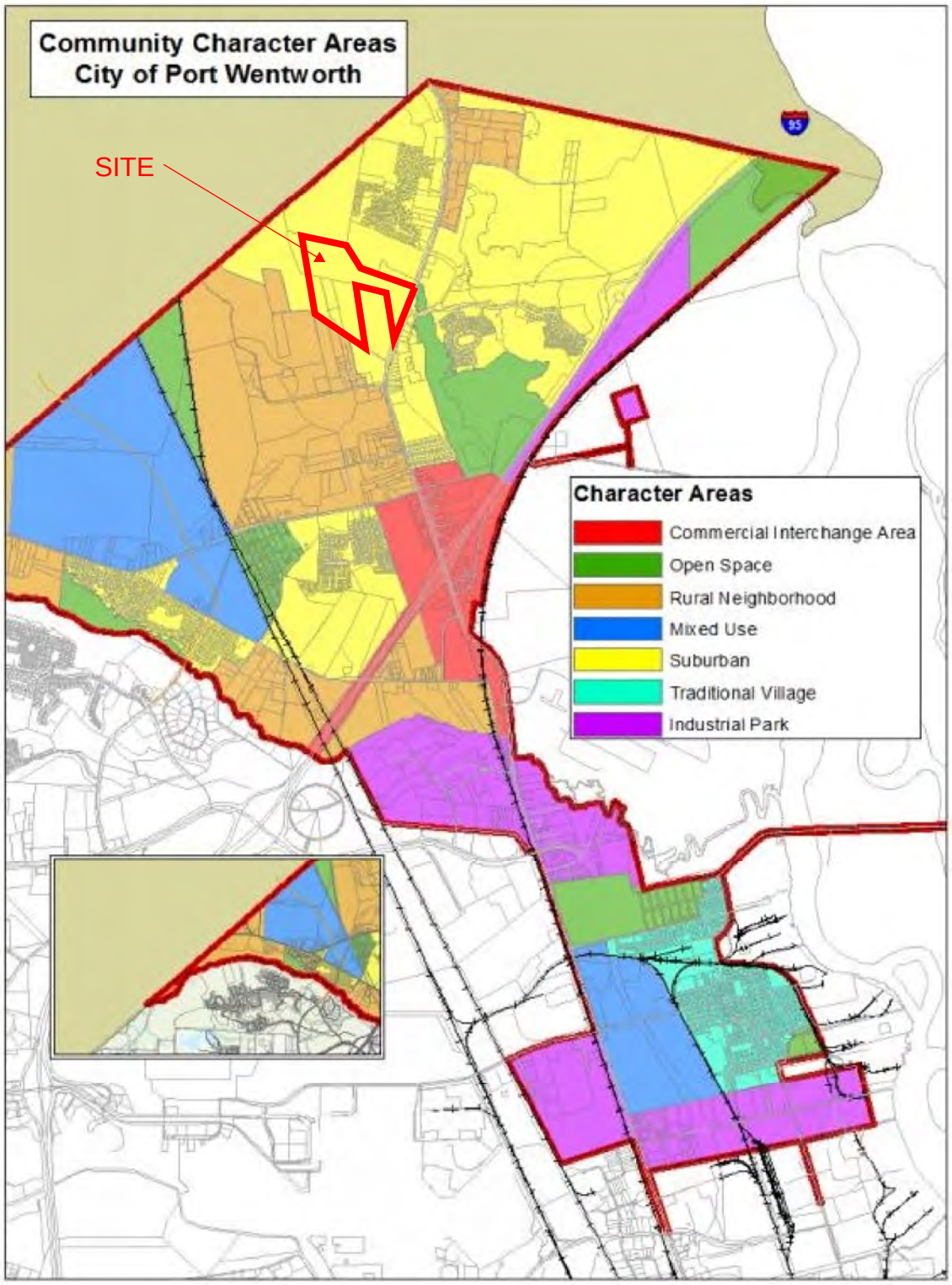
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Thu, 04 Feb 2021 - 6:45pm - cstinnett
DRAWING PATH: G:\2020\200230.000\dwg\VARNEDOE-WIGGINS - Site Layout 11.23.20.dwg

PORT WENTWORTH CHARACTER AREAS MAP

DRI #3270 – SPH-21 Industrial Park

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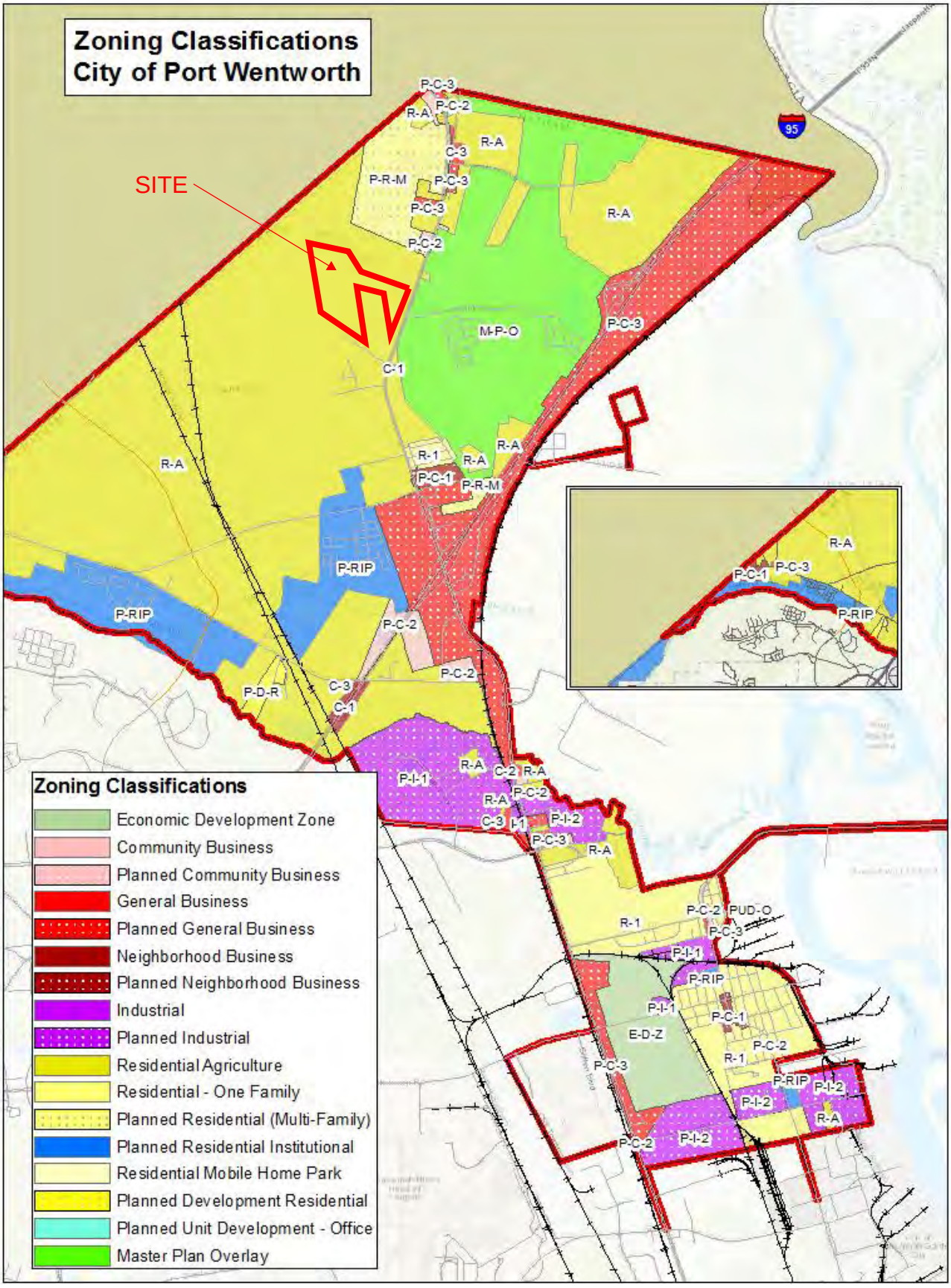


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PORT WENTWORTH ZONING MAP

DRI 3270 - SPH-21 Industrial Park

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Zoning Classifications
City of Port Wentworth
SITE
95
Zoning Classifications
Economic Development Zone
Community Business
Planned Community Business
General Business
Planned General Business
Neighborhood Business
Planned Neighborhood Business
Industrial
Planned Industrial
Residential Agricultural
Residential - One Family
Planned Residential (Multi-Family)
Planned Residential Institutional
Residential Mobile Home Park
Planned Development Residential
Planned Unit Development - Office
Master Plan Overlay

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PUBLIC COMMENTS

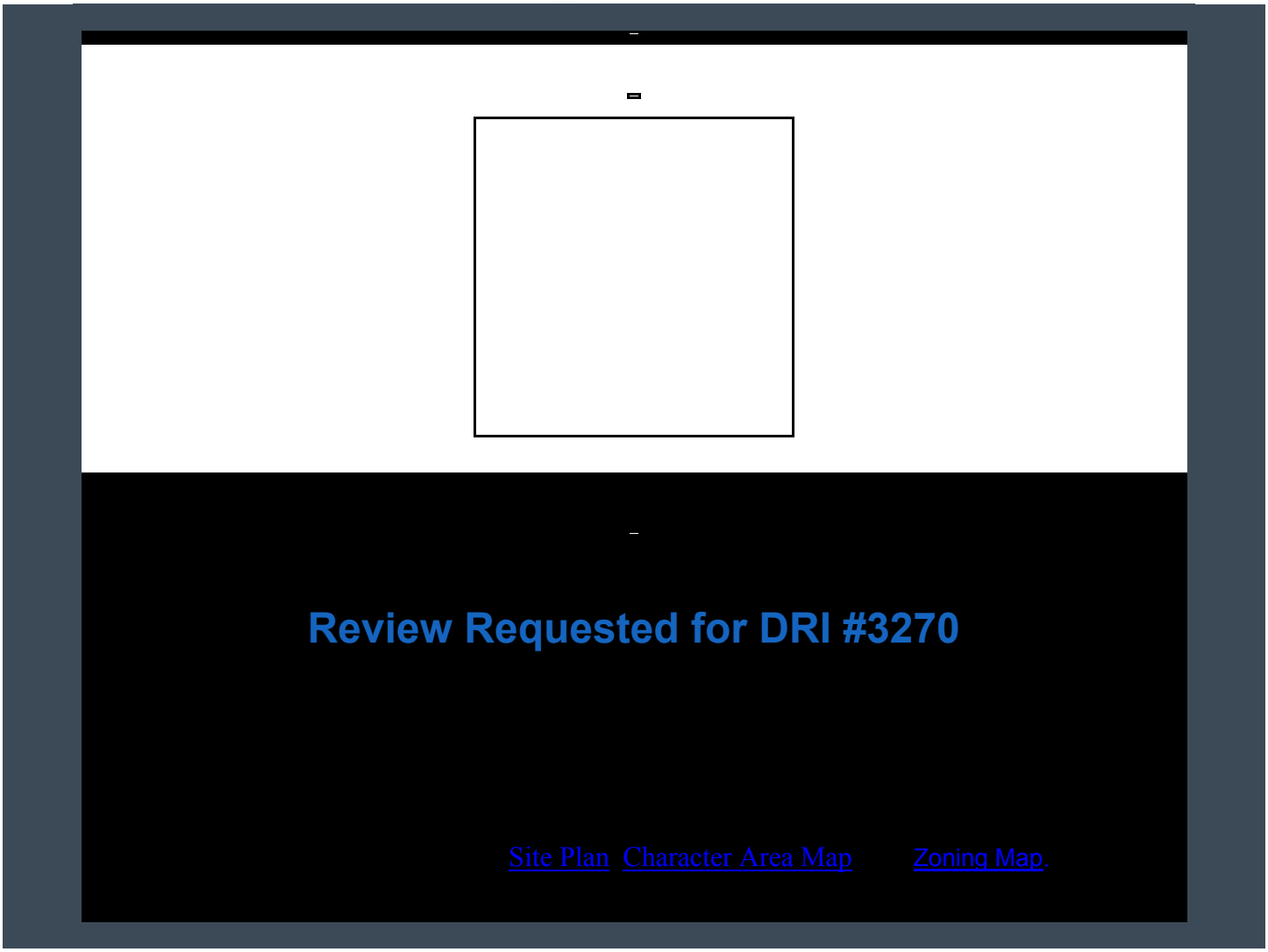
DRI #3270 – SPH-21 Industrial Park

Cole Mullis

From: Russ Marane
Sent: Wednesday, March 17, 2021 3:36 PM
To: Cole Mullis
Subject: RE: Request for Review

Well, there goes the neighborhood. So much for a Comp Plan.

From: Coastal Regional Commission <ttownsend@crc.ga.gov>
Sent: Wednesday, March 17, 2021 3:17 PM
TMarane <rmarane@crc.ga.gov>
Subject: Request for Review



Attachment: DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

Cole Mullis

From: Russ Marane
Sent: Thursday, March 18, 2021 7:14 AM
To: Teresa Townsend; Cole Mullis
Subject: RE: Request for Review
Attachments: ~WRD0000.jpg

This proposal is apparently in total conflict with the Comp Plan and current zoning. Additionally, it looks like residential uses are migrating to the area where the project is located. With that much Flex warehouse space being developed, the heavy truck traffic is going to have a real impact on that area.
Unless I am missing something, this one makes no sense and would appear to be an inappropriate use for the area in which it is proposed.
My thoughts anyway.

Russ

Attachment: DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

Cole Mullis

From: Billy Nicholson <brnicholson@chathamcounty.org>
Sent: Wednesday, March 24, 2021 4:09 PM
To: Cole Mullis
Cc: Suzanne Cooler
Subject: Comments on DRI #3270

Comments from Bill Nicholson, Chatham County Drainage Engineer, on DRI # 3270, SPH-21 Industrial Park.

1. Black Creek, which is a primary storm water conveyance for the vicinity, including a large area in Effingham County, is located through part of the site and adjacent to it along the north property line. There is also a significant tributary drainage course along the southern border. Development plans should be prepared to ensure that there are no actions which restrict flow in these conveyances.
2. The project will create a significant amount of impervious coverage, which will increase the rate and volume of storm water runoff. No storm water management features are shown on the plan and there is limited non-wetland area left on which to construct these items. The project design should include a full hydrologic/ hydraulic study of the site and the upstream and downstream parts of the overall basin. This should include a model beginning on the downstream side of the I-95 crossing and extending upstream beyond the site and including all road crossings and surface flow reaches in-between. The results should show that there is no increase in flow rate downstream of the site, and that the project will not result in water surface elevation increases on-site, upstream, and downstream. Since the crossings may be undersized and lack capacity for full flow, a simple pre/post analysis is not adequate.
3. The development will require a non-defined amount of filling of lowland areas, which will result in loss of storm water storage. Addressing the impacts of this loss should be included in the above study.
4. It should be verified that Georgia Power is agreeable to and accepts the encroachments of roadways and parking areas in to Georgia Power easement/ right-of-way.
5. It appears that buffering is needed along the western property line where the roadway serves three buildings. The road is close to the property line and this could impact the project layout.

Bill Nicholson
912-652-7807

Attachment: DRI 3270 Final Report SPH-21 INDUSTRIAL PARK April 2021 (2433 : Zoning Map Amendment Varnedoe-Wiggins Tract Highway 21

Traffic Impact Analysis for
Varnedoe-Wiggins Tract Development
Phase 1
Port Wentworth, GA

Prepared for:

Kern and Co, LLC.
Savannah, GA

Prepared by:

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100 Bull Street, Suite 200
Savannah, GA 31401
(912) 721-8638

April 2021
013908000

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

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1.0 Executive Summary

The proposed Varnedoe-Wiggins industrial development is located on the west side of SR 21/Augusta Road in the vicinity of the SR 21/Augusta Road intersection with Lakeside Boulevard in Port Wentworth, Georgia. The subject site is a vacant, 362-acre parcel. Based on the site plan shown in **Figure 2.1**, Phase 1 of the proposed development will include approximately 2,629,000 square feet of warehouse space. The full build-out of the development is anticipated to be complete by 2023. Access to the development will include a proposed western approach at the intersection of SR 21/Augusta Road at Lakeside Boulevard.

This traffic impact analysis (TIA) evaluates traffic operations under 2021 Existing, 2023 Background, and 2023 Build conditions during the AM and PM peak hours at the following intersections:

- SR 21/Augusta Road at Rice Mill Road/Market Boulevard (Signalized)
- SR 21/Augusta Road at Lakeside Boulevard/Site Access (Unsignalized, Proposed Signalized)
- SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road (Signalized)

Kimley-Horn was retained to determine the potential traffic impacts of this development and identify transportation improvements that may be required to accommodate these impacts in accordance with the guidelines set forth in the Georgia Department of Transportation (GDOT) *Regulations for Driveway and Encroachment Control*. This report presents trip generation, trip distribution, capacity analyses, and recommendations for transportation improvements required to mitigate anticipated traffic demands generated by the subject development.

The following improvements are included in GDOT PI 0016361 and were considered in the 2023 background (no-build) and 2023 build conditions:

SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

- Construct an additional eastbound right-turn lane
  - One right-turn lane will be free-flow and unsignalized
  - One right-turn lane will be controlled by the signal
- Construct a dedicated eastbound left-turn lane
- Construct an additional southbound through lane

It is important to note that the eastbound right-turn is anticipated to spillback beyond the available storage for GDOT PI 0016361 in the background conditions. Consideration to extend the storage for the eastbound right-turn lane for GDOT PI 0016361 should be coordinated with the PI 0016361 team. This improvement is independent of the proposed Varnedoe-Wiggins Tract Development.

Based on the capacity analyses performed at each of the identified study intersections and the auxiliary turn lane warrant review contained herein, the following improvements have been identified to mitigate the impact of the proposed development on the adjacent street network under 2023 Build conditions:

SR 21/Augusta Road at Rice Mill Road/Market Boulevard

No mitigation is necessary at the intersection of SR 21/Augusta Road at Rice Mill Road/Market Boulevard

Kimley»Horn

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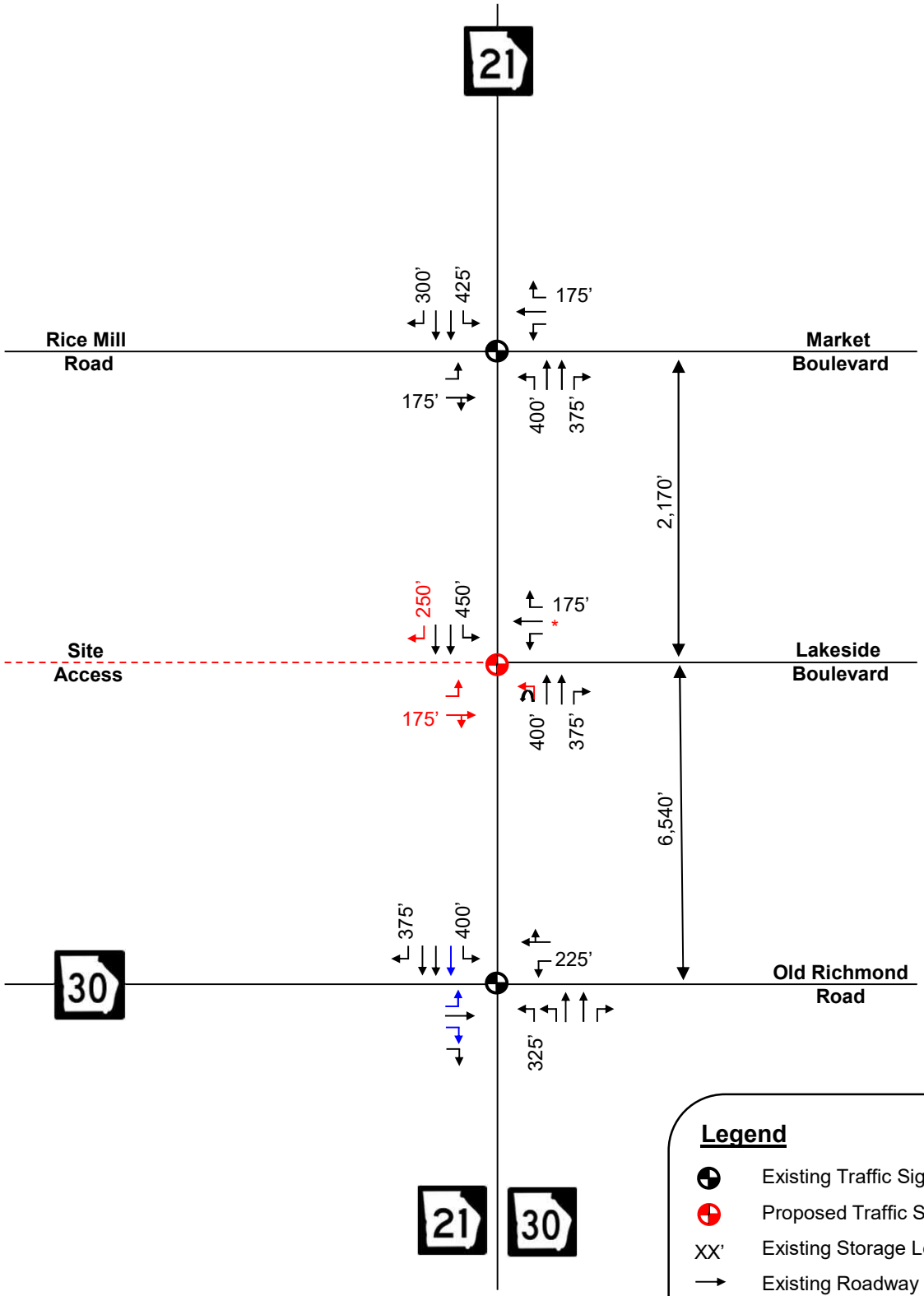
SR 21/Augusta Road at Lakeside Boulevard/Site Access

- Conduct a full signal warrant analysis
  - Peak Hour signal warrants are met for the AM and PM peak hours (MUTCD Signal Warrant #3) which suggests that other warrants will also be met
  - If warranted and approved by GDOT, install a traffic signal in accordance with GDOT standards and specifications to include remote access and coordination through cellular modem, 2070 controller, Statewide MAXTIME controller software, and integration with GDOT's real-time Automated Traffic Signal Performance Measures (ATSPM)
- Construct the eastbound approach with a through right and left-turn lane
- Modify the westbound right-turn lane to be a through right-turn lane
- Construct a southbound right-turn lane with a minimum storage of 150 feet
- Modify the northbound-U-Turn lane to be a shared left-turn/U-turn lane

SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

- Optimize the approach splits for the traffic signal during the AM peak hour

The recommended improvements identified within the study area are shown in **Figure ES-1**. The improvements shown on this figure are subject to approval by GDOT. All encroachments and improvements to the State roadway systems shall be designed, permitted, and constructed in conformance to GDOT Standards and Details.



Legend

- Existing Traffic Signal
- Proposed Traffic Signal
- XX' Existing Storage Length
- Existing Roadway Laneage
- XX' Recommended Storage Length
- Recommended Roadway Laneage
- GDOT PI 0016361 Improvement

* Utilize existing chevron pavement markings to create a westbound through lane

Kimley»Horn	**Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis**	**2023 Build Recommended Roadway Laneage**	**Figure ES-1**

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2.0 Introduction

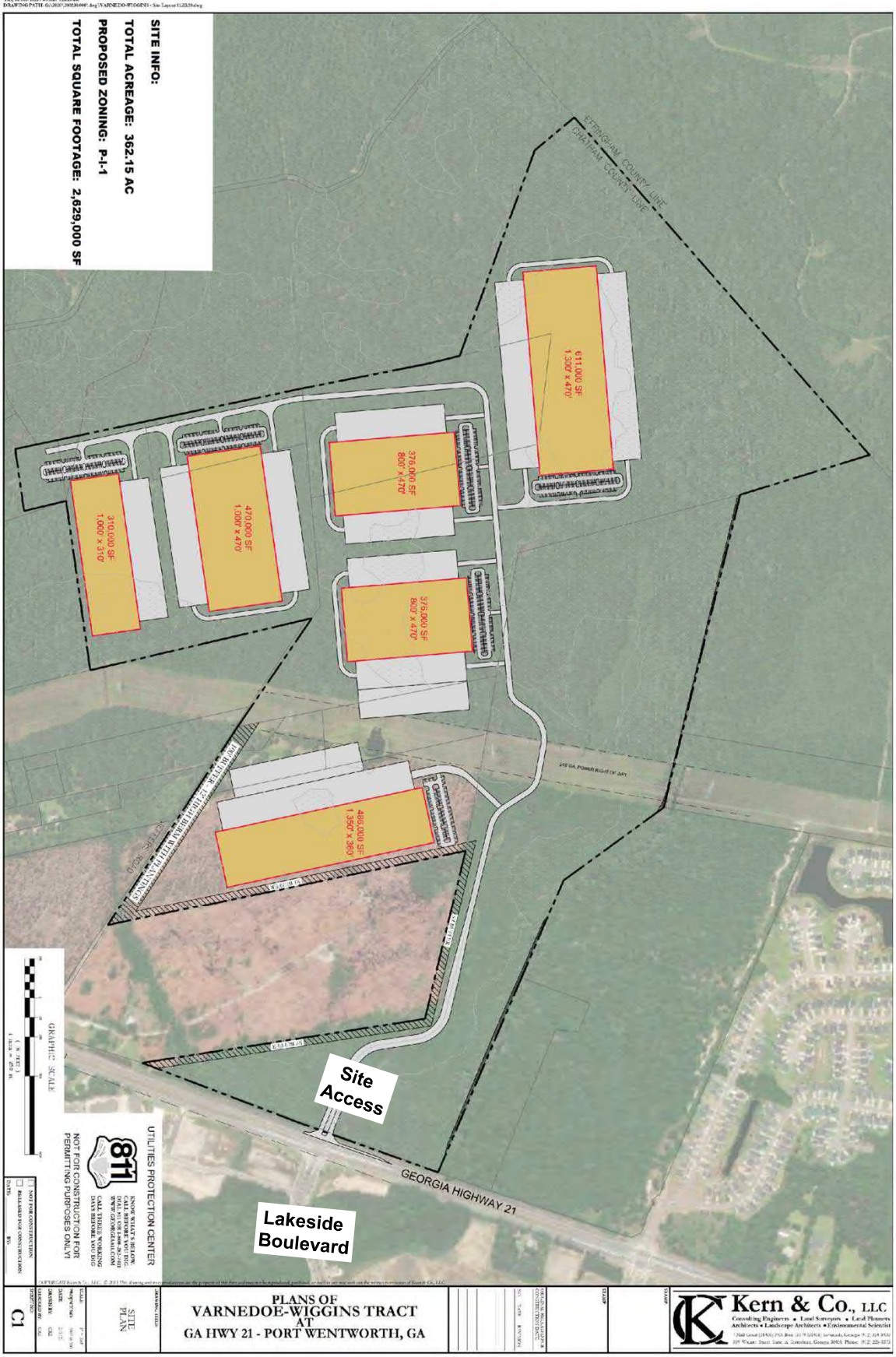
The proposed Varnedoe-Wiggins industrial development is located on the west side of SR 21/Augusta Road in the vicinity of the SR 21/Augusta Road intersection with Lakeside Boulevard in Port Wentworth, Georgia. The subject site is a vacant, 362-acre parcel. Based on the site plan shown in **Figure 2.1**, Phase 1 of the proposed development will include approximately 2,629,000 square feet of warehouse space. The full build-out of the development is anticipated to be complete by 2023. Access to the development will include a proposed western approach at the intersection of SR 21/Augusta Road at Lakeside Boulevard.

This traffic impact analysis (TIA) evaluates traffic operations under 2021 Existing, 2023 Background, and 2023 Build conditions during the AM and PM peak hours at the following intersections:

- SR 21/Augusta Road at Rice Mill Road/Market Boulevard (Signalized)
- SR 21/Augusta Road at Lakeside Boulevard/Site Access (Unsignalized, Proposed Signalized) which suggests that other warrants will also be met
- SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road (Signalized)

Kimley-Horn was retained to determine the potential traffic impacts of this development and identify transportation improvements that may be required to accommodate these impacts in accordance with the guidelines set forth in the Georgia Department of Transportation (GDOT) *Regulations for Driveway and Encroachment Control*. This report presents trip generation, trip distribution, capacity analyses, and recommendations for transportation improvements required to mitigate anticipated traffic demands generated by the subject development.

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Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	Proposed Site Plan	Figure 2.1

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3.0 Existing Traffic Conditions

3.1 STUDY AREA

The study area for this TIA includes the following intersections:

- SR 21/Augusta Road at Rice Mill Road/Market Boulevard (Signalized)
- SR 21/Augusta Road at Lakeside Boulevard/Site Access (Unsignalized, Proposed Signalized)
- SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road (Signalized)

Figure 3.1 shows the study area intersections and the site location, and **Figure 3.2** shows the existing roadway laneage at the study intersections.

The primary roadways within the vicinity of the site are SR 21/Augusta Road and SR 30/Piedmont Avenue. Minor roadways within the vicinity of the site are Old Richmond Road, Lakeside Boulevard, Rice Mill Road, and Market Boulevard. Key characteristics of each of these roadways are summarized below.

SR 21/Augusta Road is a seven-lane section from I-95 to SR 30/Piedmont Avenue and a four-lane section north of SR 30/Piedmont Avenue. SR 21/Augusta Road is a divided principal arterial with a posted speed limit of 45 MPH from I-95 to SR 30/Piedmont Avenue and 55 MPH north of SR 30/Piedmont Avenue. SR 21/Augusta Road had a 2019 AADT of 35,900 vpd, including approximately 7% heavy trucks.

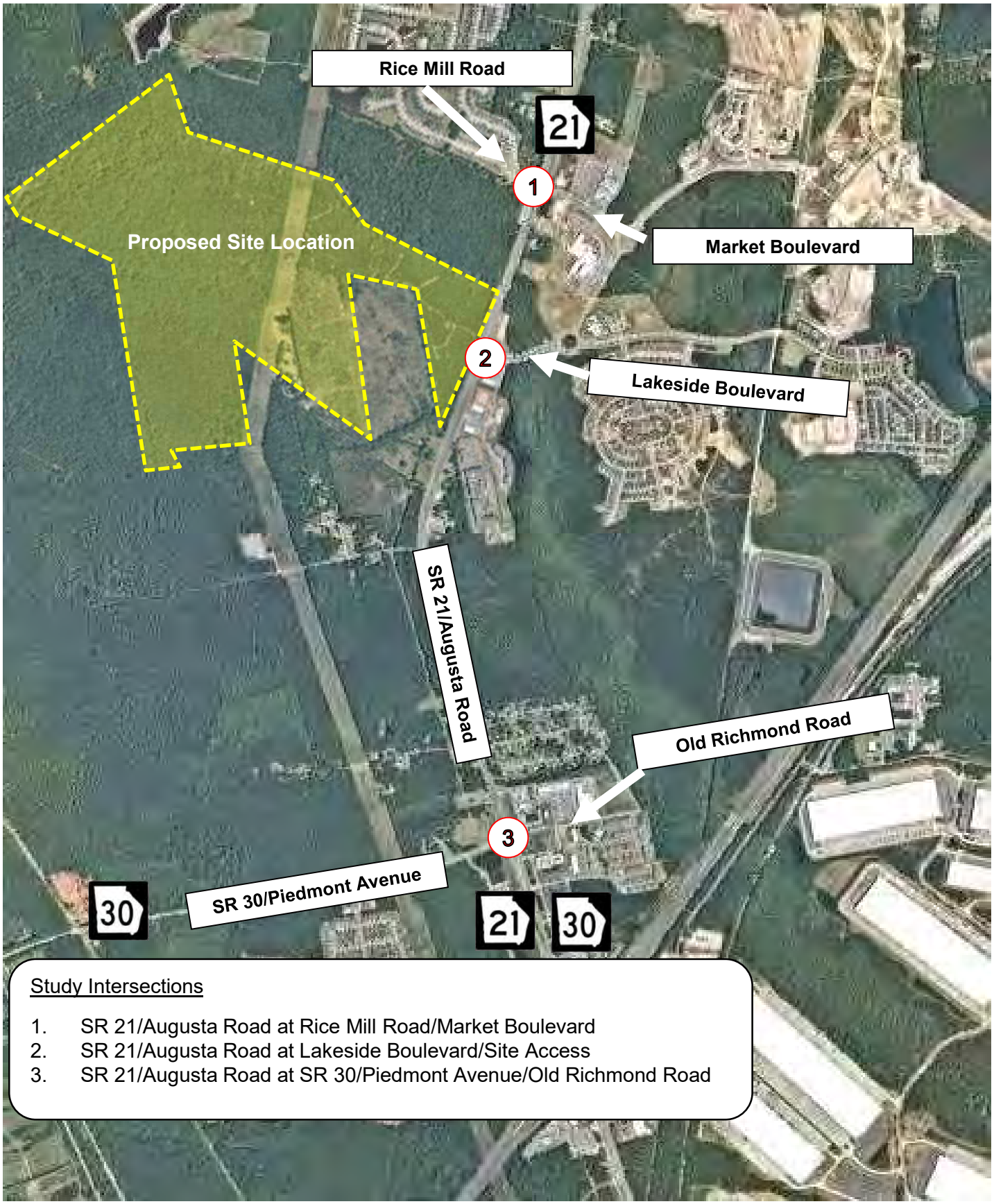
SR 30/Piedmont Avenue is a two-lane minor arterial with a posted speed limit of 55 MPH. SR 30/Piedmont Avenue had a 2019 AADT of 13,100 vpd, including 6% heavy trucks.

Old Richmond Road is a two-lane local roadway without a posted speed limit. Historical AADTs and truck percentage data for Old Richmond Road were not available.

Lakeside Boulevard is a two-lane local roadway with a posted speed limit of 25 MPH. Historical AADTs and truck percentage data for Lakeside Boulevard was not available.

Rich Mill Road is a two-lane local roadway with a posted speed limit of 20 MPH. Historical AADTs and truck percentage data for Rice Mill Road was not available.

Market Boulevard is a two-lane local roadway with a posted speed limit of 25 MPH. Historical AADTs and truck percentage data for Market Boulevard was not available.

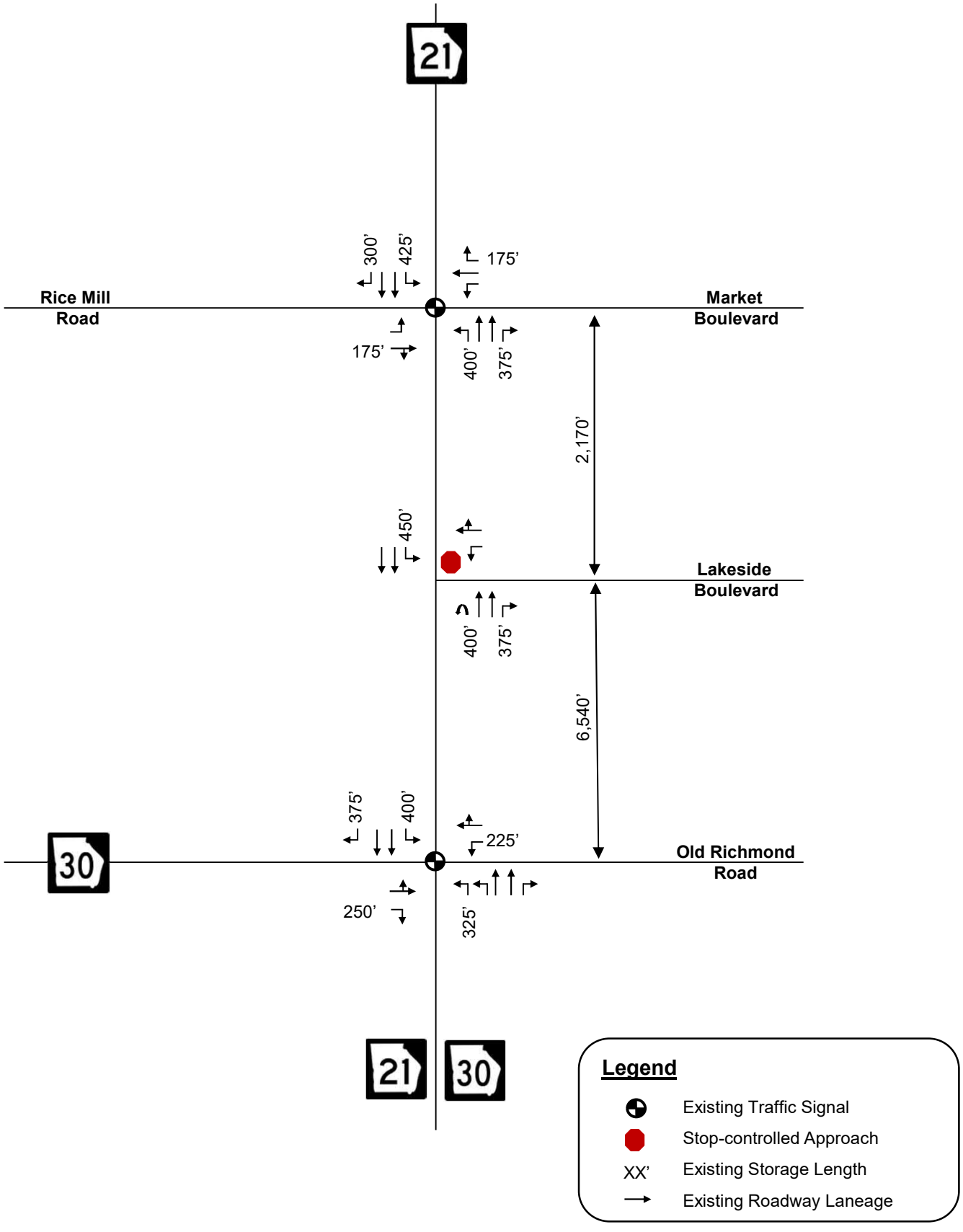


Study Intersections

1. SR 21/Augusta Road at Rice Mill Road/Market Boulevard
2. SR 21/Augusta Road at Lakeside Boulevard/Site Access
3. SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	Site Location Map	Figure 3.1

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Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	Existing Laneage	Figure 3.2

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3.2 EXISTING TRAFFIC VOLUME DEVELOPMENT

Peak hour turning movement counts (TMCs) were collected at the study intersections on Tuesday, March 9, 2021 (7:00 – 9:00 AM, 11:00 AM – 1:00 PM, and 4:00 – 6:00 PM) to facilitate the development of 2021 Existing traffic volumes. Though only the traditional AM and PM peak hours of travel were studied in detail as part of this TIA, further discussion regarding the selection of the three count periods noted above is provided in **Section 5.1**. To account for the continued influence of COVID-19 on travel patterns and to provide a thorough understanding of the distribution of traffic throughout the study area, 48-hour classification counts were also collected on Tuesday, March 9, 2021 and Wednesday, March 10, 2021. These multi-day counts were averaged and compared to historical AADT data at the following locations:

- SR 21/Augusta Road [GDOT Count Stations 051-0109 and 051-0112]
- SR 30/Piedmont Avenue [GDOT Count Station 0151-0307]

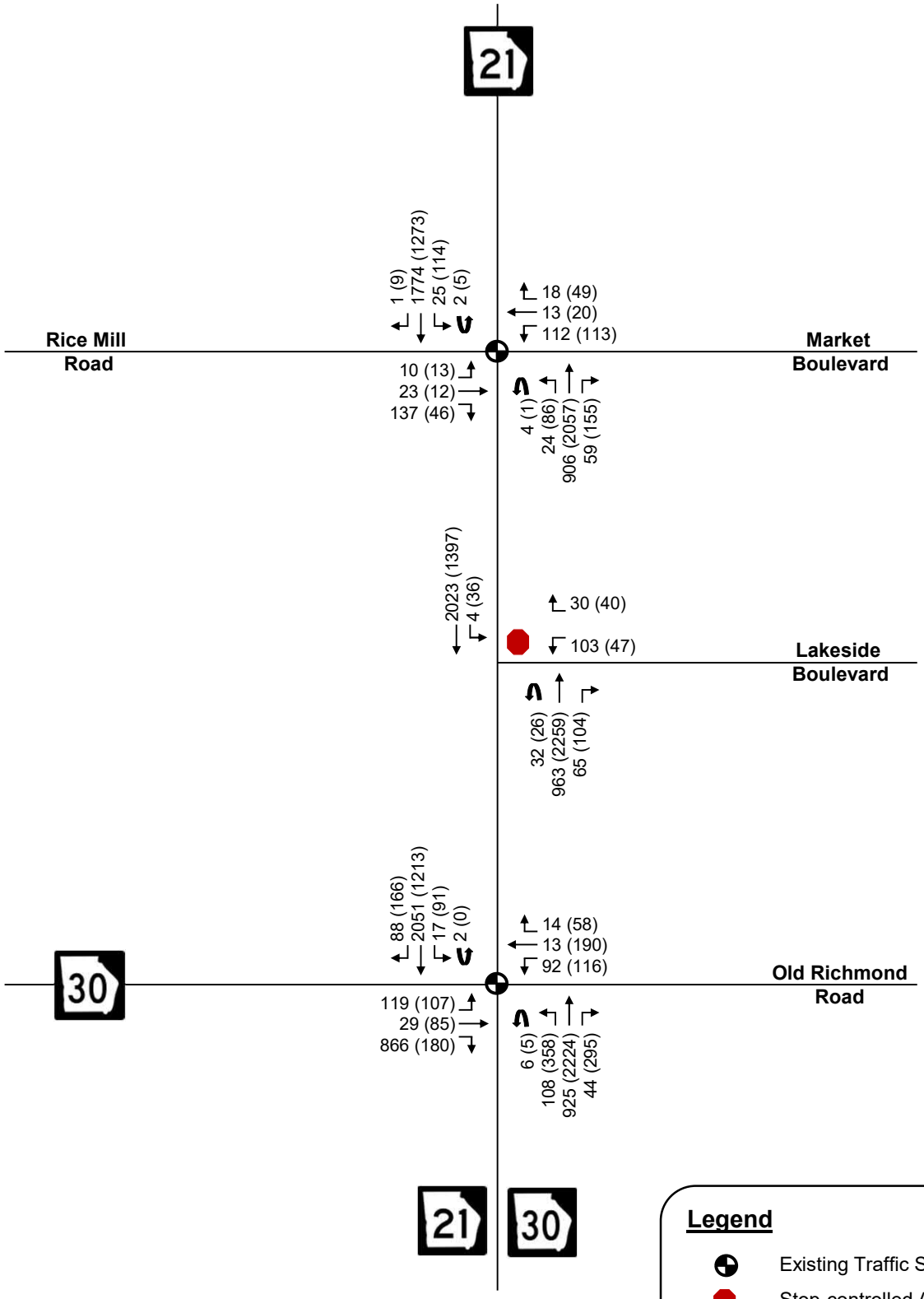
Based on this comparison, a 1.2% adjustment factor was applied to peak hour TMCs to develop 2021 Existing traffic volumes. For the purposes of this TIA, it was assumed that these adjusted TMCs are reflective of traffic volumes that would be observed on a typical weekday with school in session in 2021.

These factored TMCs were balanced upward between study intersections. Balanced 2021 Existing TMCs were carried forward to develop 2023 Background and 2023 Build traffic volumes by incorporating background traffic growth and site traffic volumes as described in later sections of this report.

Peak hour intersection TMC data and volume development worksheets are provided in the **Appendix**.

Figure 3.3 illustrates the factored 2021 Existing AM and PM peak hour traffic volumes.

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Kimley»Horn	**Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis**	**2021 Existing Balanced Peak Hour Traffic Volumes**	**Figure 3.3**

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Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

4.0 Background Traffic Volume Development

Projected background (non-development) traffic is defined as the expected growth or change in traffic volumes on the surrounding roadway network between the existing year (2021) and the expected build-out year (2023) absent the construction and opening of the proposed development. This includes both historical background growth and growth in traffic volumes caused by other specific approved developments near the proposed site.

4.1 HISTORICAL BACKGROUND GROWTH TRAFFIC

Historical background growth is the anticipated increase in traffic volumes due to generalized growth in the study area that is independent of specific approved developments. Historical background growth traffic is calculated using an annual growth rate, which is applied to the existing traffic volumes up to the future horizon year. Based on GDOT AADT station data, CORE MPO Travel Demand Model outputs, and the Georgia Governor's Office of Planning and Budget Population Projections, an annual growth rate of 2% was assumed for this project and applied to the 2021 Existing peak hour traffic volumes throughout the study area to develop baseline 2023 Background traffic volumes. As mentioned in **Section 3.2**, it was assumed that the factored TMCs developed as part of this TIA are reflective of traffic volumes that would be observed on a typical weekday with school in session in 2021.

4.2 APPROVED DEVELOPMENTS

No other approved developments were identified within the study area for consideration in the development of this TIA. Based on future economic conditions, the proposed development may be expanded to include additional parcels. Therefore, the subject 362-acre site is referred to herein as Phase 1. This TIA will be amended as other phases are planned.

4.3 PLANNED TRANSPORTATION PROJECTS

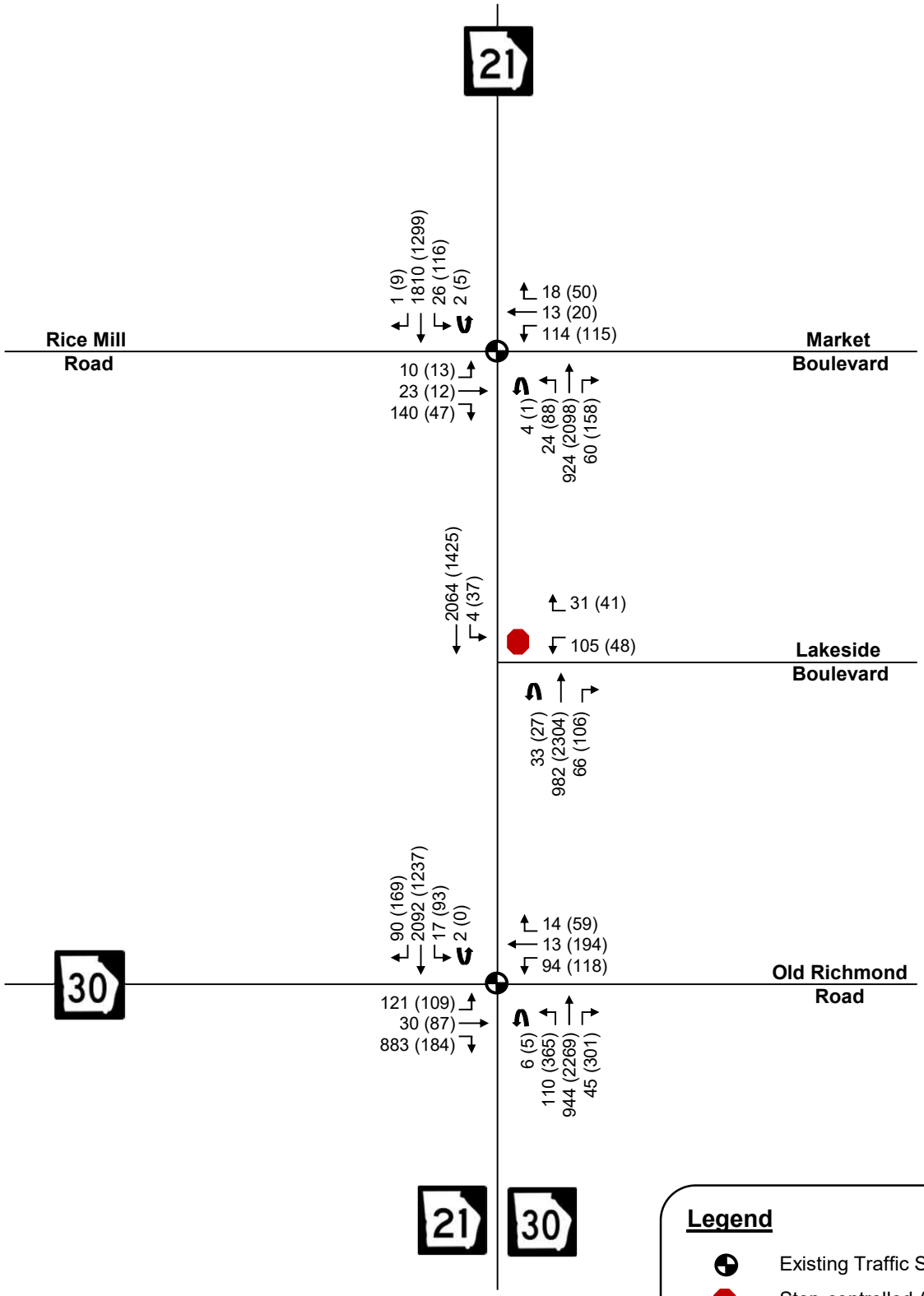
GDOT PI 0016361 and 0016441 are in/near the study area. GDOT PI 0016361 is at the study area intersection of SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road. GDOT PI 0016441 includes improvements along SR 21/30/Augusta Road south of SR 30/Piedmont Avenue.

The following improvements are included in GDOT PI 0016361 and were considered in the 2023 background (no-build) and 2023 build conditions:

SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

- Construct an additional eastbound right-turn lane
  - One right-turn lane will be free-flow and unsignalized
  - One right-turn lane will be controlled by the signal
- Construct a dedicated eastbound left-turn lane
- Construct an additional southbound through lane

The 2023 Background traffic volumes including the background traffic volume development, historic growth rate, and planned transportation projects are provided in **Figure 4.1**.



Kimley»Horn	**Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis**	**2023 Background Peak Hour Traffic Volumes**	**Figure 4.1**

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

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5.0 SITE TRAFFIC VOLUME DEVELOPMENT

Site traffic developed for this TIA consists of the vehicle trips expected to be generated after construction of the proposed development and the distribution and assignment of these trips throughout the surrounding study network.

5.1 SITE ACCESS AND TRIP GENERATION

Based on the site plan shown in **Figure 2.1**, access to the development will include a proposed western approach at the intersection of SR 21/Augusta Road at Lakeside Boulevard.

The trip generation potential of the proposed development was determined using the trip generation rates published in the ITE *Trip Generation Manual, 10th Edition* for the various Land Use Codes (LUCs) represented within the proposed site plan. As mentioned in **Section 2.0**, proposed land use intensities include approximately 2,629,000 square feet of warehousing (ITE LUC 150).

Table 5.1 summarizes the projected trip generation of the proposed development for both passenger cars and heavy trucks. During a typical weekday, the proposed development has the potential to generate 341 and 343 new external trips during the AM and PM peak hours of travel, respectively.

As discussed in **Section 3.2**, turning movement counts were collected during the traditional AM and PM peak hours of travel (7:00AM – 9:00AM and 4:00PM – 6:00PM) as well as the midday peak period (11:00AM – 1:00PM) to provide a thorough understanding of the existing distribution of traffic throughout the study area. Industrial land uses often exhibit peak site traffic volumes during off-peak periods on the surrounding roadway network. As such, the expected peak trip generation at the proposed site (i.e., “peak hour of generator”) was considered along with midday peak hour traffic volumes on the adjacent street network to determine if this additional analysis period was warranted. After further examination, it was determined that site trips expected to occur during the peak hour of generator are negligibly different than those anticipated during the AM and PM peak hour of adjacent street traffic. Furthermore, traffic count data collected as part of this TIA suggests that through volumes on SR 21/Augusta Road are more directionally balanced during off-peak periods, providing a more favorable operational condition regardless of site traffic patterns. As a result, only the traditional AM and PM peak hours of travel were considered in the analyses discussed throughout the remainder of this report.

All traffic counts collected as part of this TIA are provided in the **Appendix** for reference.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis

Table 5.1 - Trip Generation								
Land Use	**Intensity**	**Daily Trips**	**AM Peak Hour**			**PM Peak Hour**		
			Total	**In**	**Out**	**Total**	**In**	**Out**
Warehousing [ITE 150]	2,629,000 SF	4,199	341	263	78	343	93	250
Truck Trips[1]		*1,427*	*53*	*28*	*25*	*79*	*41*	*38*
Passenger Car Trips[2]		*2,772*	*288*	*235*	*53*	*264*	*52*	*212*
Subtotal		**4,199**	**341**	**263**	**78**	**343**	**93**	**250**
New External Trips		**4,199**	**341**	**263**	**78**	**343**	**93**	**250**

[1]Truck trip generation potential calculated based on the rates prescribed by the ITE *Trip Generation Manual, 10th Edition Supplement* for ITE Land Use Code 150
[2]Passenger car trip generation potential calculated as the difference between the total trip generation and anticipated truck trip generation

5.2 SITE TRAFFIC DISTRIBUTION AND ASSIGNMENT

New external trips generated by the proposed development were assigned to the surrounding network based on existing peak hour turning movements and 48-hour classification counts, surrounding land uses, population densities in the area, and the proposed site layout. Based on existing travel patterns, the following site traffic distribution was assumed for the purposes of this TIA:

- Passenger Cars
  - 30% to/from the north along SR 21/Augusta Road
  - 40% to/from the south along SR 21/Augusta Road
  - 30% to/from the westbound along SR 30/Piedmont Avenue
- Heavy Trucks
  - 5% to/from the north along SR 21/Augusta Road
  - 95% to/from the south along SR 21/Augusta Road

The overall site traffic distribution and assignment are shown in **Figure 5.1A** (Passenger Cars) and **Figure 5.1B** (Heavy Trucks).

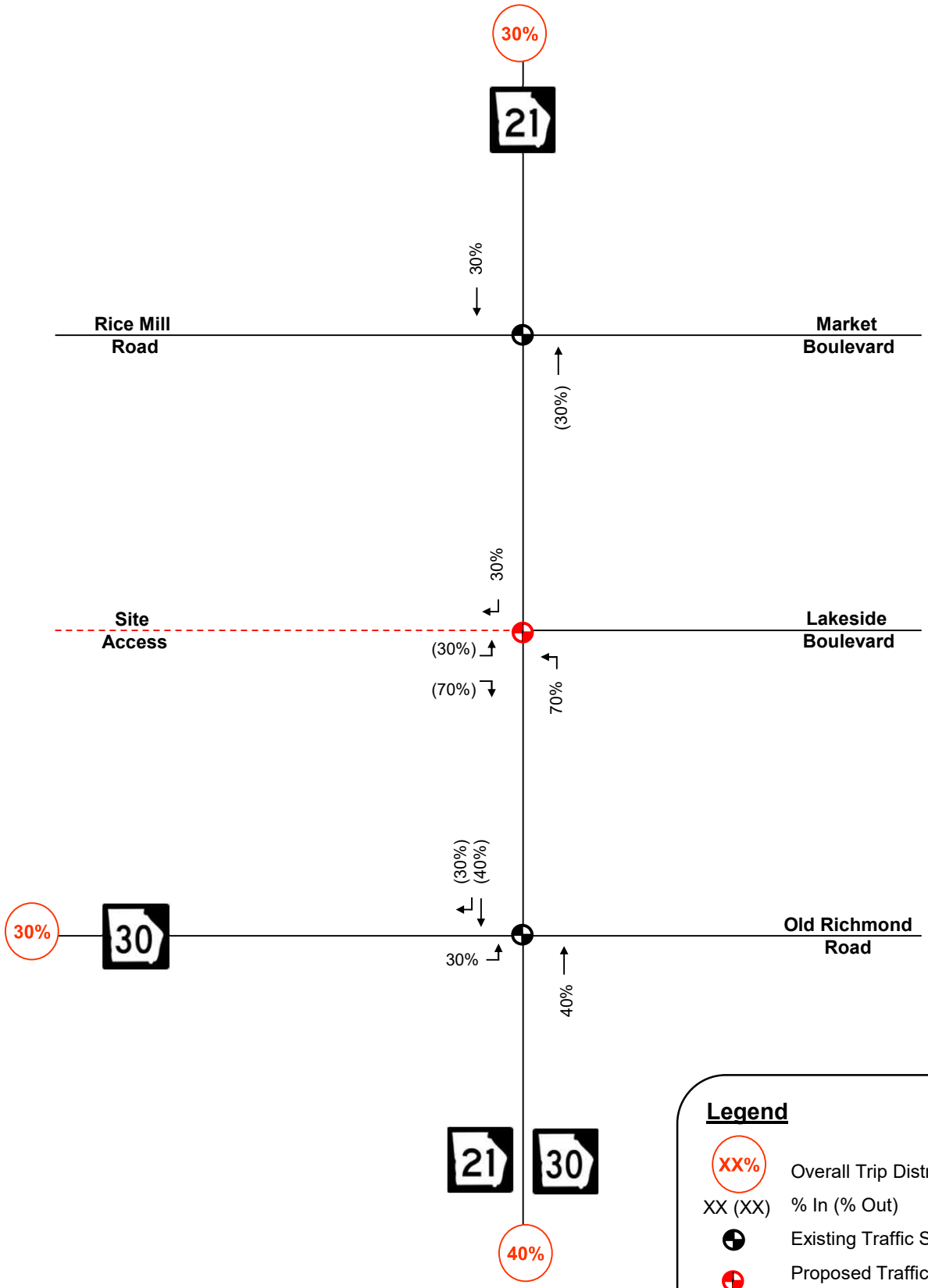
5.3 2023 BUILD TRAFFIC VOLUMES

The 2023 Build traffic volumes include assignment of site-generated trips and 2023 Background traffic volumes. Projected 2023 Build traffic volumes during the AM and PM peak hours are summarized in the following figures:

- **Figure 5.2**: 2023 Build Peak Hour Site Traffic Volumes
- **Figure 5.3**: 2023 Build Total Peak Hour Traffic Volumes

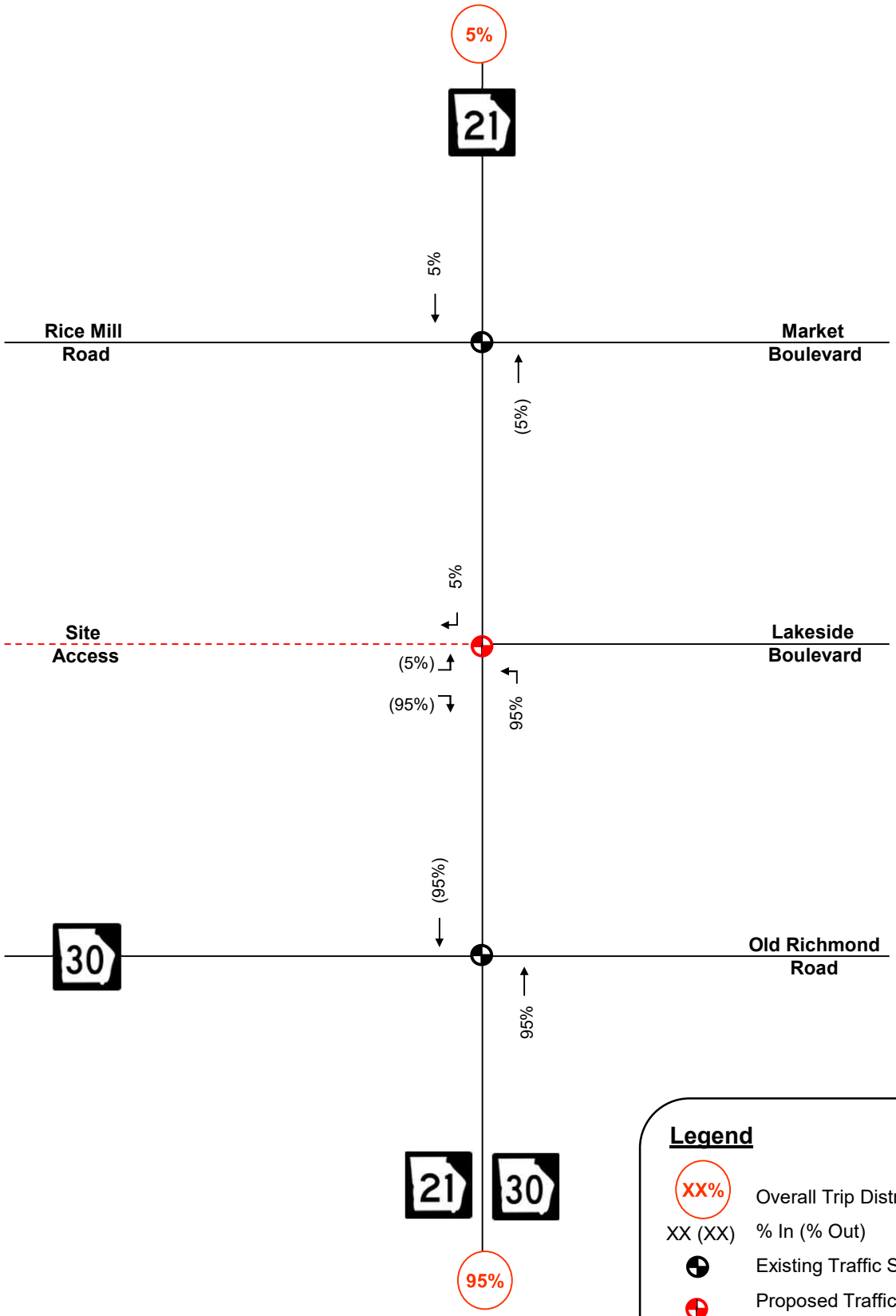
Intersection volume development worksheets for all intersections within the study network are provided in the **Appendix**.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



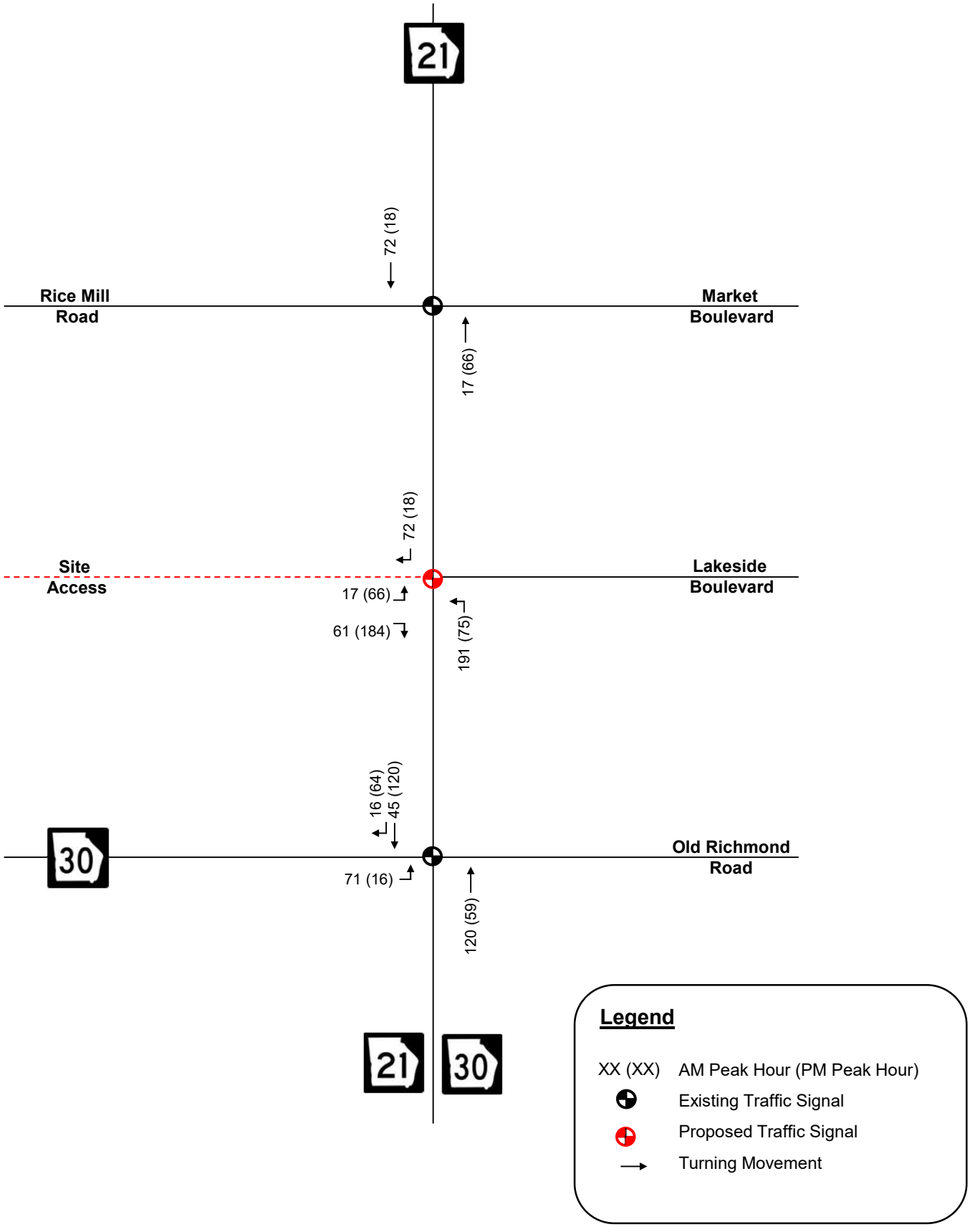
Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	Site Traffic Distribution and Assignment (Passenger Cars)	Figure 5.1A

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



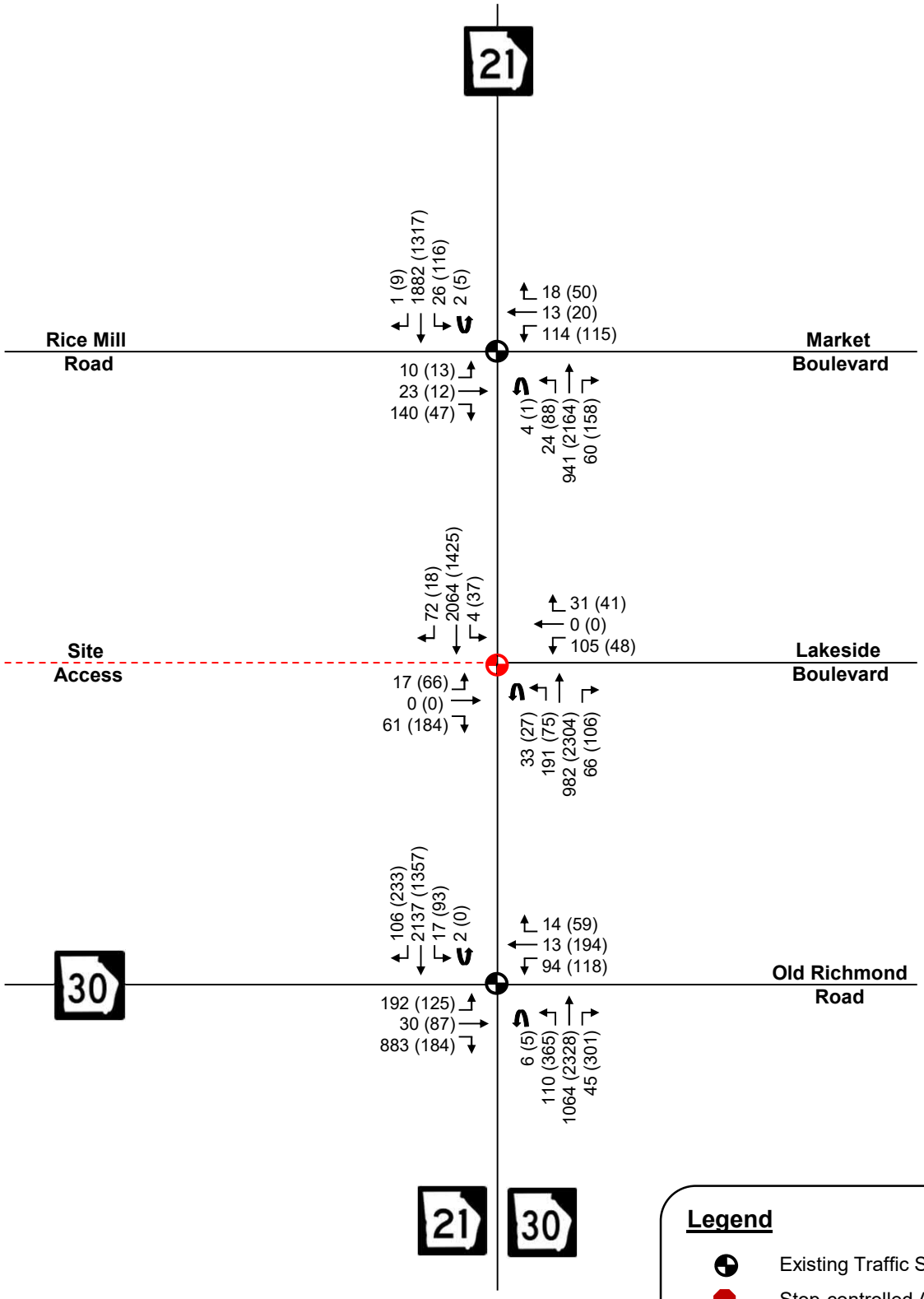
Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	Site Traffic Distribution and Assignment (Heavy Vehicles)	Figure 5.1B

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Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	2023 Build Peak Hour Site Traffic Volumes	Figure 5.2

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Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	2023 Build Total Peak Hour Traffic Volumes	Figure 5.3

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6.0 Capacity Analysis

Capacity analyses were performed for the AM and PM peak hours using Synchro Version 10 software to determine the operating characteristics at the signalized and stop-controlled intersections of the adjacent street network and to evaluate the impacts of the proposed development. In the *Highway Capacity Manual, 6th Edition* (HCM6), capacity is defined as "the maximum sustainable hourly flow rate at which persons or vehicles reasonably can be expected to traverse a point of uniform section of a lane or roadway during a given time period under prevailing conditions." Synchro uses methodologies contained in HCM6 to determine the operating characteristics of an intersection, which are typically evaluated in terms of level of service (LOS).

HCM6 defines LOS as a "quantitative stratification of a performance measure or measures representing quality of service" and is used to "translate complex numerical performance results into a simple A-F system representative of travelers' perceptions of the quality of service provided by a facility or service". The HCM defines six levels of service, LOS A through LOS F, with A having the best operating conditions from the traveler's perspective and F having the worst. However, it must be understood that "the LOS letter results hides much of the complexity of facility performance", and that "the appropriate LOS for a given system element in the community is a decision for local policy makers". According to HCM6, "for cost, environmental impact, and other reasons, roadways are typically designed not to provide LOS A conditions during peak periods but instead to provide some lower LOS that balances individual travers' desires against society's desires and financial resources. Nevertheless, during low-volume periods of the day, a system element may operate at LOS A."

LOS for a two-way stop-controlled (TWSC) intersection is determined by the control delay at the side-street approaches, typically during the highest volume periods of the day, the AM and PM peak periods. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. With respect to field measurements, control delay is defined as the total elapsed time from the time a vehicle stops at the end of the queue to the time the vehicle departs from the stop line. It is typical for stop sign-controlled side streets and driveways intersecting major streets to experience long delays during peak hours, particularly for left-turn movements. The majority of the traffic moving through the intersection on the major street experiences little or no delay.

Tables 6.0A and **6.0B** list the LOS control delay thresholds published in HCM6 for unsignalized and signalized intersections, respectively, as well as the unsignalized operational descriptions assumed herein.

Table 6.0A
Vehicular LOS Control Delay Thresholds for Unsignalized Intersections

Level-of-Service	Average Control Delay per Vehicle [sec/veh]	
A	≤ 10	Short Delays
B	> 10 – 15	
C	> 15 – 25	
D	> 25 – 35	Moderate Delays
E	> 35 – 50	
F	> 50	Long Delays

Table 6.0B Vehicular LOS Control Delay Thresholds for Signalized Intersections	
Level-of-Service	**Average Control Delay per Vehicle [sec/veh]**
A	≤ 10
B	> 10 – 20
C	> 20 – 35
D	> 35 – 55
E	> 55 – 80
F	> 80

Capacity analyses were performed under 2021 Existing, 2023 Background, and 2023 Build traffic conditions. Mitigation of traffic impacts associated with the proposed development were noted and recommended based on guidance provided in the GDOT *Regulations for Driveway and Encroachment Control* and GDOT *Design Policy Manual*, where applicable. When determining the traffic-related impact of the proposed development on the study area intersections, 2023 Background and 2023 Build conditions were compared.

Delay and LOS are reported for each study intersection approach in the following subsections. Capacity analysis reports are included in the Appendix.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

6.1 SR 21/AUGUSTA ROAD AT RICE MILL ROAD/MARKET BOULEVARD

Table 6.1 on the following page summarizes the LOS, control delay, and 95th percentile queue length at the intersection of SR 21/Augusta Road at Rice Mill Road/Market Boulevard under each analysis scenario.

Results

AM Peak Hour

As shown in **Table 6.1**, this intersection operates or is expected to operate at LOS B overall under 2021 Existing and 2023 Background conditions, with a volume-to-capacity ratio (V/C) near 1.0. During 2023 Build conditions, the intersection is anticipated to drop to LOS C, but the overall intersection delay is anticipated to increase by less than one second, and the V/C is anticipated to be the same as background conditions.

The eastbound and westbound approaches are anticipated to operate at LOS E and LOS F, respectively for the analyzed scenarios. This is due to the amount of green time the northbound and southbound volumes require, versus the lower volume eastbound and westbound approaches. The site traffic is not anticipated to impact the delays on the eastbound or westbound approaches during the AM peak hour.

PM Peak Hour

As shown in **Table 6.1**, this intersection operates or is expected to operate at LOS C overall under 2021 Existing, 2023 Background, and 2023 Build conditions, with a V/C near 1.0.

The eastbound and westbound approaches are anticipated to operate at LOS E for the analyzed scenarios. This is due to the amount of green time the northbound and southbound volumes require, versus the lower volume eastbound and westbound approaches. The site traffic is not anticipated to impact the delays on the eastbound or westbound approaches during the PM peak hour.

Recommendations

Since the site traffic is not anticipated to have significant LOS, delay or V/C impacts at this intersection, no mitigation is necessary or recommended.

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Table 6.1 - SR 21/Augusta Road at Rice Mill Road/Market Boulevard														
Condition	Measure	EB		WB			NB			SB			Intersection	
		EBL	EBTR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	LOS (Delay (Sec/Veh)	V/C
AM Peak Hour														
2021 Existing	LOS (Delay)	E (60.8)		F (115.9)			B (11.3)			B (15.4)			B (19.2)	0.935
	Synchro 95th Q	27'	65'	#323'	32'	0'	m10'	184'	9'	9'	671'	0'		
2023 Background	LOS (Delay)	E (60.8)		F (119.7)			B (11.5)			B (15.9)			B (19.7)	0.950
	Synchro 95th Q	27'	65'	#327'	32'	0'	m10'	187'	9'	10'	700'	0'		
2023 Build	LOS (Delay)	E (60.8)		F (119.7)			B (11.7)			B (17.0)			C (20.4)	0.950
	Synchro 95th Q	27'	65'	#327'	32'	0'	m10'	220'	m7'	10'	766'	0'		
PM Peak Hour														
2021 Existing	LOS (Delay)	E (58.5)		E (65.0)			C (28.9)			B (19.0)			C (26.9)	0.928
	Synchro 95th Q	32'	41'	176'	38'	10'	m3'	m860'	m26'	143'	614'	0'		
2023 Background	LOS (Delay)	E (58.3)		E (64.9)			C (31.6)			B (20.0)			C (28.8)	0.949
	Synchro 95th Q	32'	41'	179'	38'	12'	m4'	m848'	m27'	145'	646'	0'		
2023 Build	LOS (Delay)	E (58.3)		E (64.9)			D (36.9)			C (20.9)			C (32.2)	0.980
	Synchro 95th Q	32'	41'	179'	38'	12'	m5'	m853'	m26'	145'	666'	0'		

m – Volume for 95th percentile queue is metered by upstream signal
- 95th percentile volume exceeds capacity; queue may be longer

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

6.2 SR 21/AUGUSTA ROAD AT LAKESIDE BOULEVARD/SITE ACCESS

Table 6.2 on the following page summarizes the LOS, control delay, and 95th percentile queue length at the intersection of SR 21/Augusta Road at Lakeside Boulevard/Site Access under each analysis scenario.

Results

As shown in **Table 6.2**, the side street (eastbound and westbound) delays are anticipated to be long for the analyzed scenarios when the intersection operates with stop-control on the side-streets. The long delay is related to the lack of gaps available for the side street turning movements.

To mitigate the long side street delays, a traffic signal was analyzed in the Build IMP (improved) scenario. With a traffic signal at the intersection, the overall intersection is anticipated to operate at LOS C during the AM peak hour and LOS E during the PM peak hour.

GDOT ICE Analysis

A GDOT ICE Analysis (attached in the **Appendix**) was performed at this intersection which analyzed the following control treatments after this intersection:

- Multilane Roundabout
- RCUT (stop-control)
- Right-In/Right-Out (RI/RO) with downstream U-Turn
- Traffic Signal

A multilane roundabout resulted in high V/C ratios, longer overall intersection delays than the other analyzed conditions, and scored low (2.1) on the ICE Stage 2 Score. Furthermore, a multilane roundabout on SR 21/Augusta Road will likely slow the through volumes down too much and result in long queues on SR 21/Augusta Road. Additionally, there will be limited gaps for the side-street volumes to enter the roundabout due to the high northbound and southbound peak hour traffic volumes.

The R-Cut and RI/RO resulted in similar side-street delays as the traffic signal (all near 65 seconds in the AM and PM peak hours). However, for the R-Cut, the northbound left-turns from SR 21/Augusta Road onto the Site Access, are anticipated to experience long delays in the AM and PM peak hours due to high opposing volume on SR 21/Augusta Road. The R-Cut scored a 4.8 on the ICE Stage 2 Score.

Redistributing the northbound, southbound, eastbound, and westbound left-turns to U-Turn bulbs for a RI/RO scenario resulting in long delays for the U-Turn movements. The through volumes on SR 21/Augusta Road are high, thus limit the number of available gaps for the U-Turning vehicles. The delays for the RI/RO scenario were similar to the R-Cut and the ICE Stage 2 Score for the RI/RO matched the R-Cut at 4.8.

The traffic signal scored the highest on the ICE Stage 2 Score, with a score of 5.3. The traffic signal allows gaps for the side-street left-turn movements as well as mainline left-turn movements with permitted + protected flashing yellow arrow phasing. The traffic signal provided similar side-street delays to the RI/RO with downstream U-Turn and R-Cut, however the mainline left-turn/U-Turn delays were lower for the traffic signal than the RI/RO and R-Cut.

Recommendations

- Conduct a full signal warrant analysis
  - Peak Hour signal warrants are met for the AM and PM peak hours (MUTCD Signal Warrant #3) which suggests that other warrants will also be met
  - If warranted and approved by GDOT, install a traffic signal in accordance with GDOT standards and specifications to include remote access and coordination through cellular modem, 2070 controller, Statewide MAXTIME controller software, and integration with GDOT's real-time Automated Traffic Signal Performance Measures (ATSPM)
- Construct the eastbound approach with a through right and left-turn lane
- Modify the westbound right-turn lane to be a through right-turn lane
- Construct a southbound right-turn lane with a minimum storage of 150 feet
- Modify the northbound-U-Turn lane to be a shared left-turn/U-turn lane

With a signal at the intersection, the overall intersection is anticipated to operate at LOS C during the AM peak hour and LOS E during the PM peak hour.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Table 6.2 - SR 21/Augusta Road at Lakeside Boulevard/Site Access													
Condition	Measure	EB		WB		NB			SB			Intersection	
		EBL	EBTR	WBL	WBTR	NBLU	NBT	NBR	SBL	SBT	SBR	LOS (Delay (Sec/Veh)	V/C
AM Peak Hour													
2021 Existing	LOS (Delay)	N/A		F ($)		A (5.9)			A (0.0)			N/A	2.073
	Synchro 95th Q			275'	8'	78'	0'	0'	0'	0'	N/A		
2023 Background	LOS (Delay)	N/A		F ($)		A (7.0)			A (0.0)			N/A	2.784
	Synchro 95th Q			403'	8'	85'	0'	0'	0'	0'	N/A		
2023 Build	LOS (Delay)	+		+		F (164.5)			A (0.0)			N/A	2.71
	Synchro 95th Q	53'	0'	-	3'	608'	0'	0'	0'	0'	0'		
2023 Build IMP	LOS (Delay)	E (64.2)		E (58.5)		C (23.5)			D (36.6)			C (33.4)	0.996
	Synchro 95th Q	41'	11'	161'	0'	#419'	321'	5'	3'	#1323'	10'		
PM Peak Hour													
2021 Existing	LOS (Delay)	N/A		F ($)		A (0.4)			A (0.8)			N/A	1.836
	Synchro 95th Q			168'	23'	18'	0'	0'	20'	0'	N/A		
2023 Background	LOS (Delay)	N/A		F ($)		A (0.4)			A (0.9)			N/A	2.000
	Synchro 95th Q			235'	25'	18'	0'	0'	23'	0'	0'		
2023 Build	LOS (Delay)	F ($)		F ($)		A (4.6)			A (0.9)			N/A	73.333
	Synchro 95th Q	285'	108'	238'	25'	135'	0'	0'	23'	0'	0'		
2023 Build IMP	LOS (Delay)	E (67.5)		D (49.7)		E (75.4)			C (21.6)			E (55.6)	1.106
	Synchro 95th Q	99'	153'	75'	0'	99'	#1617'	11'	31'	668'	0'		

$ - delay exceeds 300 seconds
N/A – Not applicable
- Queue not calculated by HCM software
+ - Volume exceeds capacity, calculation for delay not made by HCM software
# - 95th percentile volume exceeds capacity; queue may be longer

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

6.3 SR 21/AUGUSTA ROAD AT SR 30/PIEDMONT AVENUE/OLD RICHMOND ROAD

Table 6.3 on the following page summarizes the LOS, control delay, and 95th percentile queue length at the intersection of SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road under each analysis scenario.

GDOT PI 0016361 and 0016441 are in/near the study area. GDOT PI 0016361 is at the study area intersection of SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road. GDOT PI 0016441 includes improvements along SR 21/30/Augusta Road south of SR 30/Piedmont Avenue.

The following improvements are included in GDOT PI 0016361 and were considered in the 2023 background (no-build) and 2023 build conditions:

SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

- Construct an additional eastbound right-turn lane
  - One right-turn lane will be free-flow and unsignalized
  - One right-turn lane will be controlled by the signal
- Construct a dedicated eastbound left-turn lane
- Construct an additional southbound through lane

It is important to note that the eastbound right-turn is anticipated to spillback beyond the available storage for GDOT PI 0016361 in the background conditions. Consideration to extend the storage for the eastbound right-turn lane for GDOT PI 0016361 should be coordinated with the PI 0016361 team. This improvement is independent of the proposed Varnedoe-Wiggins Tract Development.

Results

As shown in **Table 6.3**, this intersection operates at LOS D during the AM peak hour and LOS F during the PM peak hour in the 2021 Existing scenario. For the 2023 Background scenario, which includes the implementation of GDOT project PI 0016361 and 0016441, the model indicates that the intersection LOS will improve to LOS C during the AM peak hour and LOS E during the PM peak hour. For the 2023 Build scenario, the model predicts that the intersection will continue to operate at LOS C during the AM peak hour, but the LOS is expected to drop to F during the PM peak hour. The drop in LOS is due to the eastbound left-turn and northbound through delay increases.

Several scenarios were analyzed to mitigate the eastbound left-turn lane including:

- Dual eastbound left-turn lanes
- An additional northbound through lane
- Optimization of intersection splits

While the additional northbound through lane helped the northbound delays, the eastbound delays remained long. With dual eastbound left-turn lanes, the eastbound left-turns need to operate as protected only. When the dual eastbound left-turns were added to Synchro with the protected only phasing, the eastbound delay went up to over 380 seconds of delay. Therefore, it is not recommended to add laneage to this interseciton, due to the limited (if any) capacity gains from the proposed improvements.

Optimizing the approach signal splits significantly helps the eastbound approach delay in the AM peak hour as shown in **Table 6.3.** Optimizing the splits did not improve operations during the PM peak hour. This was due to:

- Phase 7 (eastbound left-turn) and Phase 8 (westbound through) occur prior to Phase 5 (southbound left-turn/U-Turn)
- Under the "fixed" Coordination Mode coded in Synchro, any unused green time from the Phase 7/Phase 8 pair will be given to Phase 5
- Any unused green time from Phase 5 will be given to Phase 6 (northbound through)
- When the the split for Phase 7 is increased, the conflicting Phase 8 is less likely to gap out and supply additional green time (i.e., above and beyond the maximum split) for Phase 5
- Without this additional green time from Phase 8, Phase 5 is more likely to use all of its allocated split, thereby providing less added green time (i.e., above and beyond the maximum split) for Phase 6.
- Without the additional time added to Phase 6, the heaviest volume during the PM peak hour, the split optimization does not help the intersection operations, therefore is not recommended during the PM peak hour.

Recommendations

To mitigate the increase in delay on the eastbound approach during the AM peak hour, it is recommended to optimize the approach splits for the traffic signal. The AM split optimization is anticipated to decrease the eastbound delay by over 126 seconds. The overall interseciton is anticipated to remain at LOS C during the AM peak hour.

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Table 6.3 - SR 21/Augusta Road at SR 30/Piedmont Ave/Old Richmond Road														
Condition	Measure	EB			WB		NB			SB			Intersection	
		EBL	EBT	EBR	WBL	WBT	NBLU	NBT	NBR	SBL	SBT	SBR	LOS (Delay (Sec/Veh)	V/C
AM Peak Hour														
2021 Existing	LOS (Delay)	E (63.7)			E (57.8)		B (19.1)			D (45.5)			D (38.6)	1.003
	Synchro 95th Q	N/A	126'	#1283'	109'	25'	90'	512'	0'	m34'	m#1593'	m33'		
2023 Background	LOS (Delay)	E (76.4)			E (70.0)		C (25.4)			B (17.4)			C (24.0)	0.941
	Synchro 95th Q	124'	369'	#603'	#118'	27'	#120'	523'	0'	m34'	m#900'	m16'		
2023 Build	LOS (Delay)	F (181.8)			E (70.0)		C (25.1)			B (17.9)			C (30.7)	1.16
	Synchro 95th Q	193'	369'	#603'	#118'	27'	#120'	#644'	0'	m33'	m#945'	m27'		
2023 Build with Optimized Signal Splits	LOS (Delay)	D (54.9)			D (52.9)		C (28.0)			C (27.2)			C (29.8)	0.85
	Synchro 95th Q	193'	318'	#648'	97	#32'	#98'	#713'	0'	46'	#1024'	0'		
PM Peak Hour														
2021 Existing	LOS (Delay)	E (72.5)			D (43.4)		F (174.8)			D (49.3)			F (122.9)	1.335
	Synchro 95th Q	N/A	221'	37'	170'	301'	#277'	#1746'	198'	m126'	m#747'	m70'		
2023 Background	LOS (Delay)	F (101.0)			F (119.4)		F (90.6)			D (40.1)			E (79.0)	1.191
	Synchro 95th Q	129'	150'	38'	138'	331'	239'	#1794'	192'	m135'	m497'	m98'		
2023 Build	LOS (Delay)	F (121.4)			F (119.4)		F (107.9)			D (40.2)			F (89.4)	1.191
	Synchro 95th Q	145'	150'	38'	138'	331'	239'	#1872'	192'	m136'	m#578'	m121'		

m – Volume for 95th percentile queue is metered by upstream signal
- 95th percentile volume exceeds capacity, queue may be longer

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis

7.0 Auxiliary Turn Lane Warrants

Warrants for additional turn lane improvements at the proposed site access point along GA 21/Augusta Road beyond those necessary for capacity, were determined based on a review of Section 4.9 in the GDOT *Regulations for Driveway and Encroachment Control*. The results of the warrants for left- and right-turn lanes are summarized below, with additional data included in the **Appendix**.

A southbound right-turn lane should be constructed at the intersection of SR 21/Augusta Road at Lakeside Boulevard/Site Access with 250 feet of full-width storage.

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8.0 Recommendations

The following improvements are included in GDOT PI 0016361 and were considered in the 2023 background (no-build) and 2023 build conditions:

SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

- Construct an additional eastbound right-turn lane
  - One right-turn lane will be free-flow and unsignalized
  - One right-turn lane will be controlled by the signal
- Construct a dedicated eastbound left-turn lane
- Construct an additional southbound through lane

It is important to note that the eastbound right-turn is anticipated to spillback beyond the available storage for GDOT PI 0016361 in the background conditions. Consideration to extend the storage for the eastbound right-turn lane for GDOT PI 0016361 should be coordinated with the PI 0016361 team. This improvement is independent of the proposed Varnedoe-Wiggins Tract Development.

Based on the capacity analyses performed at each of the identified study intersections and the auxiliary turn lane warrant review contained herein, the following improvements have been identified to mitigate the impact of the proposed development on the adjacent street network under 2023 Build conditions:

SR 21/Augusta Road at Rice Mill Road/Market Boulevard

No mitigation is necessary at the intersection of SR 21/Augusta Road at Rice Mill Road/Market Boulevard

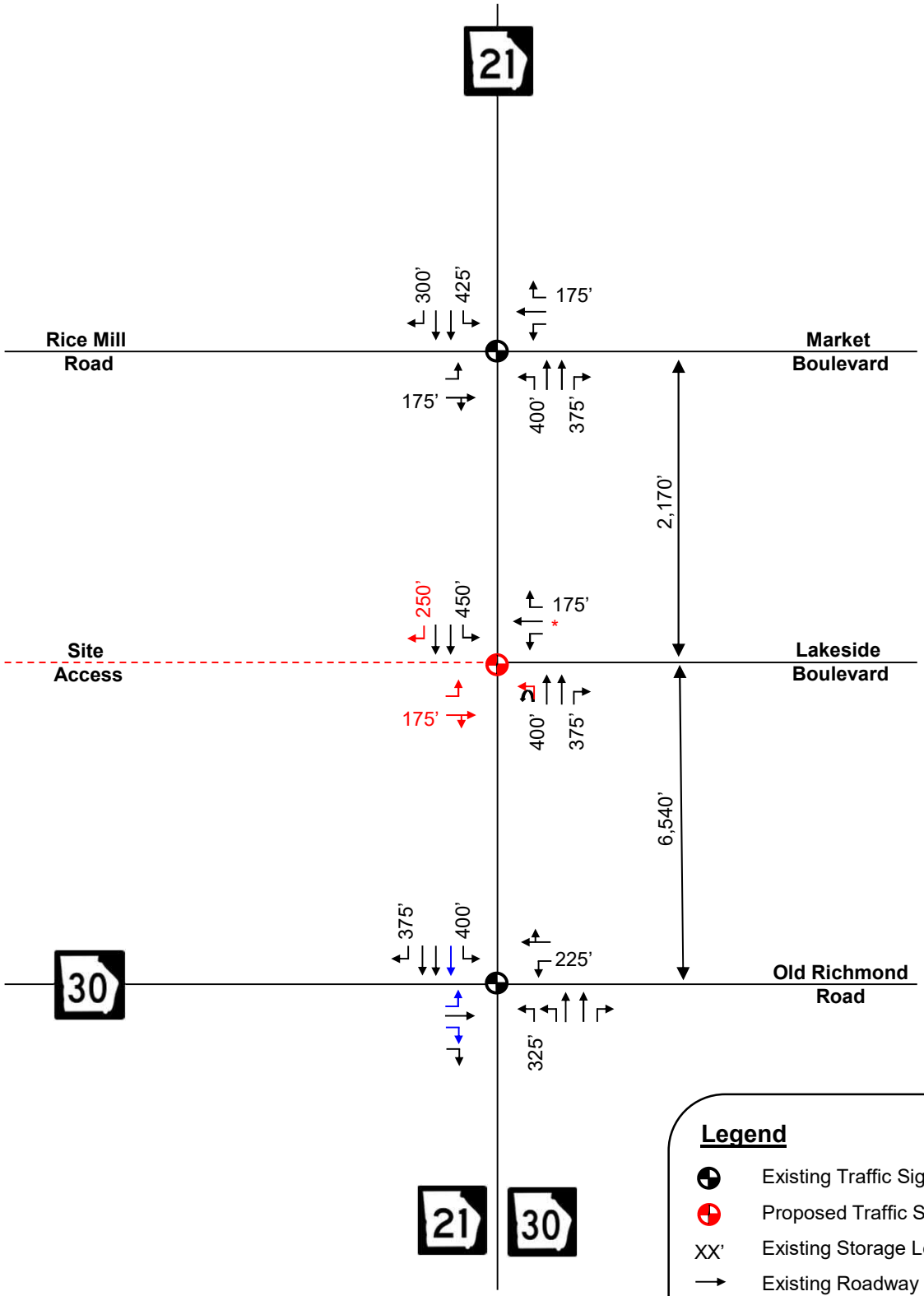
SR 21/Augusta Road at Lakeside Boulevard/Site Access

- Conduct a full signal warrant analysis
  - Peak Hour signal warrants are met for the AM and PM peak hours (MUTCD Signal Warrant #3) which suggests that other warrants will also be met
  - If warranted and approved by GDOT, install a traffic signal in accordance with GDOT standards and specifications to include remote access and coordination through cellular modem, 2070 controller, Statewide MAXTIME controller software, and integration with GDOT's real-time Automated Traffic Signal Performance Measures (ATSPM)
- Construct the eastbound approach with a through right and left-turn lane
- Modify the westbound right-turn lane to be a through right-turn lane
- Construct a southbound right-turn lane with a minimum storage of 150 feet
- Modify the northbound-U-Turn lane to be a shared left-turn/U-turn lane

SR 21/Augusta Road at SR 30/Piedmont Avenue/Old Richmond Road

- Optimize the approach splits for the traffic signal during the AM peak hour

The recommended improvements identified within the study area are shown in **Figure 8.1**. The improvements shown on this figure are subject to approval by GDOT. All encroachments and improvements to the State roadway systems shall be designed, permitted, and constructed in conformance to standards maintained by the agencies.



Kimley»Horn	Varnedoe-Wiggins Tract Development Phase 1 Traffic Impact Analysis	2023 Build Recommended Roadway Laneage	Figure 8.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

APPENDIX

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

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Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Turning Movement Counts

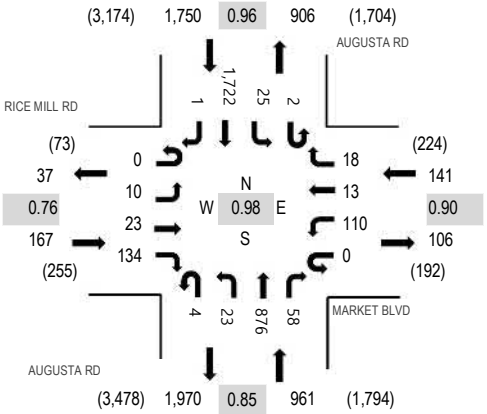

Varnedoe Wiggins Count Map
1 48-Hour Volume/Classification Count
1 6-Hour Turning Movement Count
N
Kimley»Horn
March 4, 2021 1 of 2
Rice Mill Road
Market Boulevard
US 21/Augusta Road
Lakeside Boulevard
Parkside Blvd
Birch Cir
Crabapple Cir
© 2021 Google


1
48-Hour Volume/Classification Count
1
6-Hour Turning Movement Count
Kimley»Horn
March 4, 2021 2 of 2
N
21
Augusta Rd
7
10
3
9
8
SR 30/
Piedmont Avenue
US 21/Augusta Road
Traveler's Way
© 2021 Google
Imagery Date:

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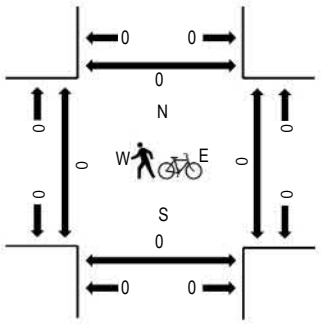
Location: #1 AUGUSTA RD & MARKET BLVD AM
Date: Tuesday, March 9, 2021
Peak Hour: 07:00 AM - 08:00 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	RICE MILL RD Eastbound				MARKET BLVD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
7:00 AM	0	1	4	35	0	29	1	1	0	3	180	22	1	8	447	0	732	3,019	0	0	0	0
7:15 AM	0	4	10	41	0	31	4	4	1	7	222	19	0	2	425	1	771	2,960	0	0	0	0
7:30 AM	0	2	6	36	0	27	5	5	0	7	205	14	0	4	432	0	743	2,811	0	0	0	0
7:45 AM	0	3	3	22	0	23	3	8	3	6	269	3	1	11	418	0	773	2,695	0	0	0	0
8:00 AM	0	3	0	22	0	8	3	5	2	6	187	6	1	3	424	3	673	2,428	0	0	0	0
8:15 AM	0	0	1	21	0	11	1	4	0	6	197	12	0	10	357	2	622		0	0	0	0
8:30 AM	0	1	0	30	0	14	0	16	1	6	201	13	2	14	329	0	627		0	0	0	1
8:45 AM	0	1	2	7	0	16	2	3	0	7	177	12	0	13	266	0	506		0	0	0	1

Peak Rolling Hour Flow Rates

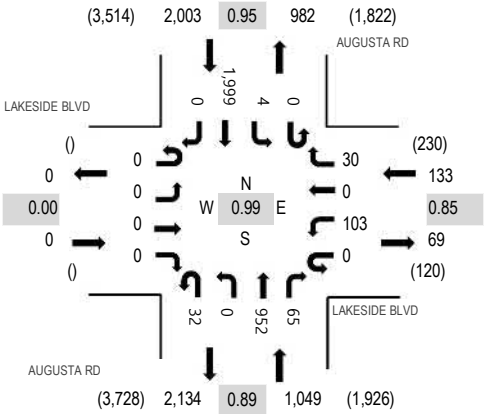
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	4	0	0	0	0	109	1	0	0	61	0	175
Lights	0	10	21	132	0	100	13	17	4	20	733	55	2	25	1,638	1	2,771
Mediums	0	0	2	2	0	6	0	1	0	3	34	2	0	0	23	0	73
Total	0	10	23	134	0	110	13	18	4	23	876	58	2	25	1,722	1	3,019

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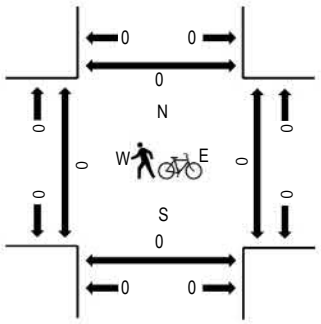
Location: #2 AUGUSTA RD & LAKESIDE BLVD AM
Date: Tuesday, March 9, 2021
Peak Hour: 07:00 AM - 08:00 AM
Peak 15-Minutes: 07:15 AM - 07:30 AM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	LAKESIDE BLVD Eastbound				LAKESIDE BLVD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
7:00 AM	0	0	0	0	0	24	0	6	6	0	205	20	0	1	528	0	790	3,185	0	0	0	0
7:15 AM	0	0	0	0	0	28	0	10	11	0	244	9	0	0	504	0	806	3,078	0	0	0	0
7:30 AM	0	0	0	0	0	23	0	3	7	0	234	18	0	2	503	0	790	2,938	0	0	0	0
7:45 AM	0	0	0	0	0	28	0	11	8	0	269	18	0	1	464	0	799	2,764	0	0	0	0
8:00 AM	0	0	0	0	0	19	0	7	9	0	191	10	0	4	443	0	683	2,485	0	0	0	0
8:15 AM	0	0	0	0	0	20	0	5	5	0	221	6	1	5	403	0	666		0	0	0	0
8:30 AM	0	0	0	0	0	18	0	4	4	0	205	11	1	4	369	0	616		0	0	0	0
8:45 AM	0	0	0	0	0	22	0	2	3	0	203	9	0	2	279	0	520		0	0	0	0

Peak Rolling Hour Flow Rates

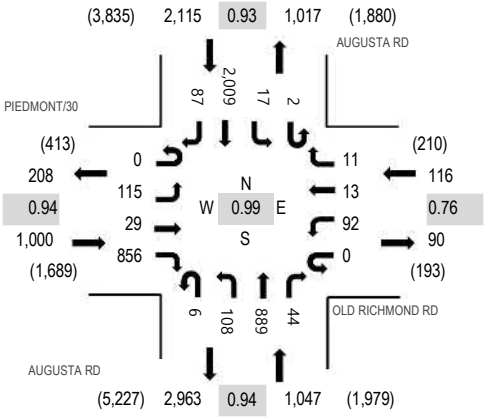
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	1	0	0	109	0	0	0	68	0	178
Lights	0	0	0	0	0	103	0	29	32	0	804	62	0	4	1,897	0	2,931
Mediums	0	0	0	0	0	0	0	0	0	0	39	3	0	0	34	0	76
Total	0	0	0	0	0	103	0	30	32	0	952	65	0	4	1,999	0	3,185

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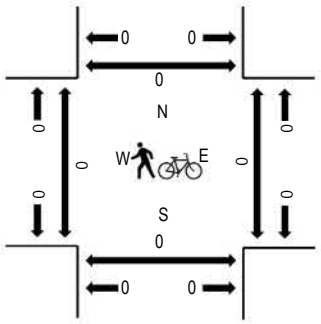
Location: #3 AUGUSTA RD & OLD RICHMOND RD AM
Date: Tuesday, March 9, 2021
Peak Hour: 07:00 AM - 08:00 AM
Peak 15-Minutes: 07:30 AM - 07:45 AM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	PIEDMONT/30 Eastbound				OLD RICHMOND RD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
7:00 AM	0	30	4	194	0	32	1	5	3	24	192	5	1	2	546	18	1,057	4,278	0	0	0	0
7:15 AM	0	25	3	233	0	23	4	3	0	35	219	7	1	5	498	21	1,077	4,160	0	0	0	0
7:30 AM	0	29	11	226	0	22	3	1	1	32	231	17	0	4	481	23	1,081	4,029	0	0	0	0
7:45 AM	0	31	11	203	0	15	5	2	2	17	247	15	0	6	484	25	1,063	3,784	0	0	0	0
8:00 AM	0	20	10	180	0	15	4	2	1	31	188	9	0	1	468	10	939	3,435	0	0	0	0
8:15 AM	0	28	6	163	0	23	5	0	2	29	210	14	0	8	442	16	946		0	0	0	0
8:30 AM	0	30	11	124	0	12	1	2	2	27	177	8	0	7	416	19	836		0	0	0	0
8:45 AM	0	26	5	86	0	19	11	0	3	35	180	16	0	8	308	17	714		0	0	0	0

Peak Rolling Hour Flow Rates

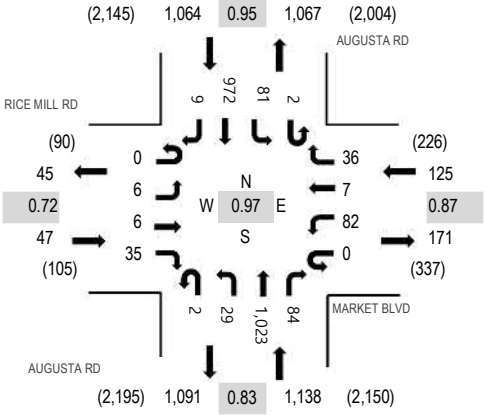
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	6	0	0	0	1	0	2	117	3	0	2	60	0	191
Lights	0	113	29	836	0	91	13	10	6	93	735	37	1	14	1,923	83	3,984
Mediums	0	2	0	14	0	1	0	0	0	13	37	4	1	1	26	4	103
Total	0	115	29	856	0	92	13	11	6	108	889	44	2	17	2,009	87	4,278

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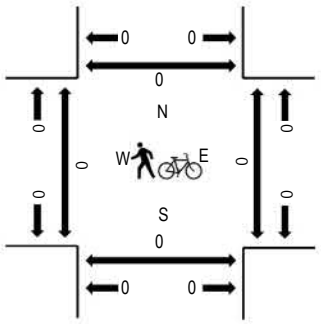
Location: #1 AUGUSTA RD & MARKET BLVD Noon
Date: Tuesday, March 9, 2021
Peak Hour: 12:00 PM - 01:00 PM
Peak 15-Minutes: 12:00 PM - 12:15 PM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	RICE MILL RD Eastbound				MARKET BLVD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
11:00 AM	0	2	0	7	0	17	1	3	1	9	249	14	1	16	231	2	553	2,252	0	0	0	0
11:15 AM	0	2	2	10	0	13	1	8	0	8	230	16	0	19	273	3	585	2,310	0	0	0	0
11:30 AM	0	3	1	18	0	18	2	7	0	8	195	21	1	33	245	1	553	2,273	0	0	0	0
11:45 AM	0	2	2	9	0	22	2	7	0	6	227	28	0	14	240	2	561	2,324	0	0	0	0
12:00 PM	0	0	2	12	0	21	1	12	0	8	245	23	0	22	261	4	611	2,374	0	0	0	0
12:15 PM	0	3	2	8	0	17	4	10	0	5	214	16	1	15	251	2	548		0	0	0	0
12:30 PM	0	1	2	10	0	21	0	3	1	10	251	23	1	30	250	1	604		0	0	0	0
12:45 PM	0	2	0	5	0	23	2	11	1	6	313	22	0	14	210	2	611		0	0	0	0

Peak Rolling Hour Flow Rates

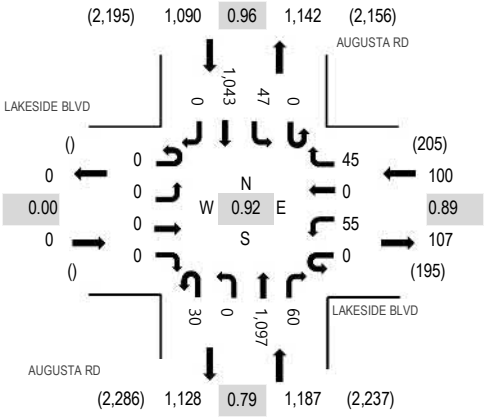
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	118	1	0	1	102	0	222
Lights	0	6	5	34	0	80	7	35	2	28	869	81	2	78	836	9	2,072
Mediums	0	0	1	1	0	2	0	1	0	1	36	2	0	2	34	0	80
Total	0	6	6	35	0	82	7	36	2	29	1,023	84	2	81	972	9	2,374

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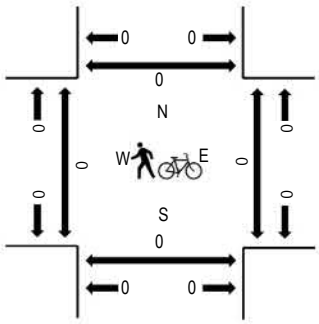
Location: #2 AUGUSTA RD & LAKESIDE BLVD Noon
Date: Tuesday, March 9, 2021
Peak Hour: 12:00 PM - 01:00 PM
Peak 15-Minutes: 12:45 PM - 01:00 PM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	LAKESIDE BLVD Eastbound				LAKESIDE BLVD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
11:00 AM	0	0	0	0	0	11	0	10	3	0	257	16	0	8	248	0	553	2,260	0	0	0	0
11:15 AM	0	0	0	0	0	18	0	10	3	0	244	15	0	6	282	0	578	2,304	0	0	0	0
11:30 AM	0	0	0	0	0	16	0	10	4	0	227	15	0	10	275	0	557	2,262	0	0	0	0
11:45 AM	0	0	0	0	0	19	0	11	10	0	245	11	0	7	269	0	572	2,304	0	0	0	0
12:00 PM	0	0	0	0	0	6	0	17	11	0	253	12	0	18	280	0	597	2,377	0	0	0	0
12:15 PM	0	0	0	0	0	14	0	12	2	0	231	10	0	15	252	0	536		0	0	0	0
12:30 PM	0	0	0	0	0	17	0	6	7	0	270	17	0	9	273	0	599		0	0	0	0
12:45 PM	0	0	0	0	0	18	0	10	10	0	343	21	0	5	238	0	645		0	0	0	0

Peak Rolling Hour Flow Rates

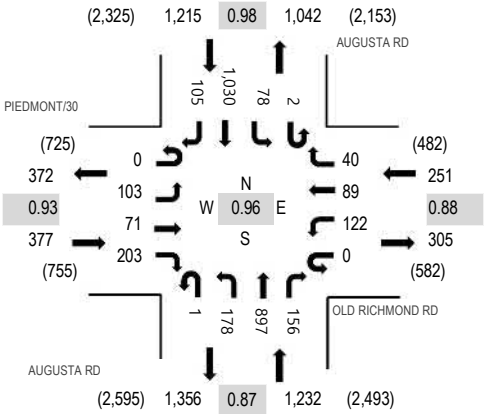
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	118	0	0	0	102	0	220
Lights	0	0	0	0	0	54	0	44	30	0	937	57	0	45	906	0	2,073
Mediums	0	0	0	0	0	1	0	1	0	0	42	3	0	2	35	0	84
Total	0	0	0	0	0	55	0	45	30	0	1,097	60	0	47	1,043	0	2,377

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

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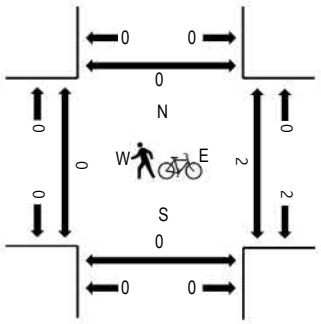
Location: #3 AUGUSTA RD & OLD RICHMOND RD Noon
Date: Tuesday, March 9, 2021
Peak Hour: 11:15 AM - 12:15 PM
Peak 15-Minutes: 11:15 AM - 11:30 AM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	PIEDMONT/30 Eastbound				OLD RICHMOND RD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
11:00 AM	0	25	15	53	0	15	14	6	3	38	226	35	1	18	205	31	685	3,004	0	0	0	0
11:15 AM	0	22	15	49	0	27	23	7	0	72	235	43	0	13	267	28	801	3,075	0	0	0	0
11:30 AM	0	27	21	57	0	32	19	5	1	33	184	45	0	27	256	28	735	2,970	0	0	0	0
11:45 AM	0	22	12	51	0	35	22	19	0	39	240	35	2	19	263	24	783	3,051	0	2	0	0
12:00 PM	0	32	23	46	0	28	25	9	0	34	238	33	0	19	244	25	756	3,051	0	0	0	0
12:15 PM	0	29	28	43	0	44	22	7	0	33	171	34	0	14	239	32	696		0	0	0	0
12:30 PM	0	29	11	52	0	31	14	11	1	44	279	38	1	14	257	34	816		0	0	0	0
12:45 PM	0	36	11	46	0	36	20	11	0	43	279	37	0	22	214	28	783		0	0	0	0

Peak Rolling Hour Flow Rates

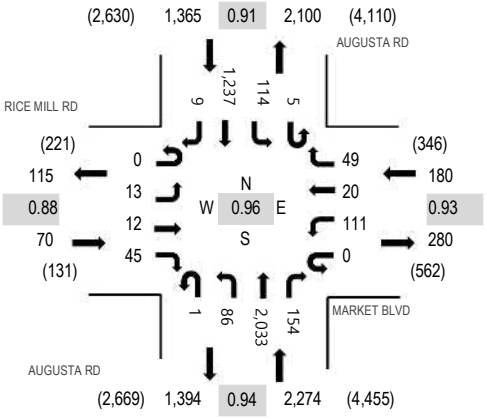
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	1	0	8	0	0	0	0	0	6	97	1	0	0	129	1	243
Lights	0	100	71	181	0	120	87	40	1	154	760	155	2	75	859	102	2,707
Mediums	0	2	0	14	0	2	2	0	0	18	40	0	0	3	42	2	125
Total	0	103	71	203	0	122	89	40	1	178	897	156	2	78	1,030	105	3,075

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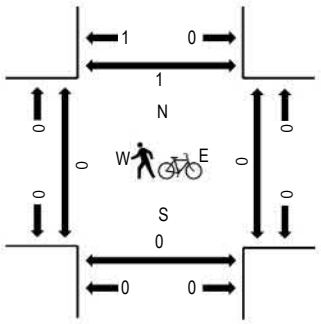
Location: #1 AUGUSTA RD & MARKET BLVD PM
Date: Tuesday, March 9, 2021
Peak Hour: 04:45 PM - 05:45 PM
Peak 15-Minutes: 05:00 PM - 05:15 PM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	RICE MILL RD Eastbound				MARKET BLVD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
4:00 PM	0	0	1	13	0	17	0	11	0	18	502	29	2	34	261	2	890	3,729	0	0	0	0
4:15 PM	0	3	2	8	0	22	4	15	2	20	507	44	2	25	307	3	964	3,849	0	0	0	0
4:30 PM	0	3	4	7	0	32	4	15	1	21	472	43	2	22	301	3	930	3,857	0	0	0	0
4:45 PM	0	3	4	9	0	32	2	14	1	33	496	36	3	27	284	1	945	3,889	0	0	0	1
5:00 PM	0	4	2	15	0	27	4	14	0	25	536	43	1	26	312	1	1,010	3,833	0	0	0	0
5:15 PM	0	4	2	11	0	25	9	12	0	13	482	41	1	35	335	2	972		0	0	0	0
5:30 PM	0	2	4	10	0	27	5	9	0	15	519	34	0	26	306	5	962		0	0	0	0
5:45 PM	0	4	6	10	0	28	4	14	0	25	457	40	1	32	266	2	889		0	0	0	0

Peak Rolling Hour Flow Rates

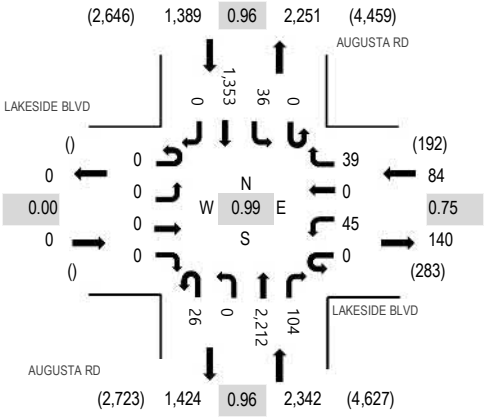
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	2	0	0	0	0	32	1	0	0	43	0	78
Lights	0	13	12	44	0	109	20	49	1	86	1,988	153	5	114	1,171	9	3,774
Mediums	0	0	0	1	0	0	0	0	0	0	13	0	0	0	23	0	37
Total	0	13	12	45	0	111	20	49	1	86	2,033	154	5	114	1,237	9	3,889

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-P1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

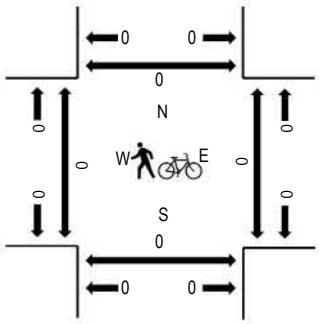
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: #2 AUGUSTA RD & LAKESIDE BLVD PM
Date: Tuesday, March 9, 2021
Peak Hour: 04:45 PM - 05:45 PM
Peak 15-Minutes: 04:45 PM - 05:00 PM

Peak Hour - Motorized Vehicles



Peak Hour - Pedestrians/Bicycles in Crosswalk



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	LAKESIDE BLVD Eastbound				LAKESIDE BLVD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
4:00 PM	0	0	0	0	0	12	0	13	5	0	552	21	0	7	279	0	889	3,714	0	0	0	0
4:15 PM	0	0	0	0	1	9	0	9	10	0	547	25	1	7	321	0	930	3,784	0	0	0	0
4:30 PM	0	0	0	0	0	11	0	21	11	0	522	30	0	12	329	0	936	3,795	0	0	0	0
4:45 PM	0	0	0	0	0	10	0	10	5	0	580	28	0	9	317	0	959	3,815	0	0	0	0
5:00 PM	0	0	0	0	0	11	0	9	6	0	546	28	0	7	352	0	959	3,751	0	0	0	0
5:15 PM	0	0	0	0	0	10	0	9	8	0	527	25	0	11	351	0	941		0	0	0	0
5:30 PM	0	0	0	0	0	14	0	11	7	0	559	23	0	9	333	0	956		0	0	0	0
5:45 PM	0	0	0	0	1	16	0	15	5	0	528	29	0	10	291	0	895		0	0	0	0

Peak Rolling Hour Flow Rates

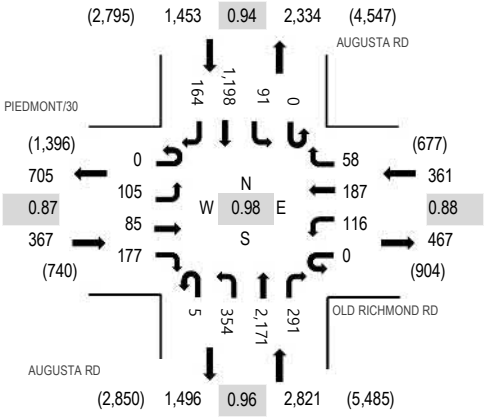
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	35	0	0	0	45	0	80
Lights	0	0	0	0	0	42	0	39	26	0	2,163	104	0	36	1,284	0	3,694
Mediums	0	0	0	0	0	3	0	0	0	0	14	0	0	0	24	0	41
Total	0	0	0	0	0	45	0	39	26	0	2,212	104	0	36	1,353	0	3,815

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

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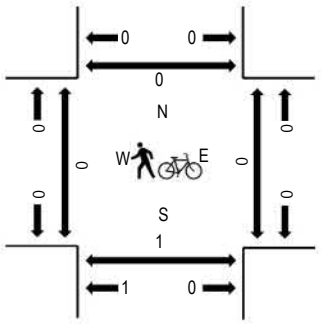
Location: #3 AUGUSTA RD & OLD RICHMOND RD PM
Date: Tuesday, March 9, 2021
Peak Hour: 05:00 PM - 06:00 PM
Peak 15-Minutes: 05:00 PM - 05:15 PM

Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

Peak Hour - Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	PIEDMONT/30 Eastbound				OLD RICHMOND RD Westbound				AUGUSTA RD Northbound				AUGUSTA RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	Nort
4:00 PM	0	40	16	35	0	30	31	14	0	111	471	84	1	23	249	33	1,138	4,695	0	0	0	0
4:15 PM	0	29	26	39	0	28	48	14	4	70	510	65	1	20	290	46	1,190	4,833	0	0	0	2
4:30 PM	0	28	30	33	0	24	34	14	0	79	526	72	0	10	298	55	1,203	4,907	0	0	0	0
4:45 PM	0	39	22	36	0	29	36	14	0	109	512	51	0	18	259	39	1,164	4,957	0	0	0	0
5:00 PM	0	25	13	43	0	24	49	8	1	83	566	77	0	20	318	49	1,276	5,002	0	0	1	0
5:15 PM	0	33	14	50	0	37	50	16	2	107	523	67	0	24	297	44	1,264		0	0	0	0
5:30 PM	0	21	35	55	0	34	50	16	0	74	511	77	0	23	320	37	1,253		0	0	0	0
5:45 PM	0	26	23	29	0	21	38	18	2	90	571	70	0	24	263	34	1,209		0	0	0	0

Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	1	0	0	3	39	0	0	0	41	0	84
Lights	0	105	85	172	0	110	186	58	5	344	2,118	288	0	89	1,132	161	4,853
Mediums	0	0	0	5	0	6	0	0	0	7	14	3	0	2	25	3	65
Total	0	105	85	177	0	116	187	58	5	354	2,171	291	0	91	1,198	164	5,002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	25	1	3	29
00:15	36	0	2	38
00:30	31	0	2	33
00:45	27	2	1	30
	119	3	8	130
01:00	26	0	2	28
01:15	16	0	1	17
01:30	24	2	1	27
01:45	27	1	4	32
	93	3	8	104
02:00	19	0	5	24
02:15	26	0	2	28
02:30	24	0	2	26
02:45	31	0	3	34
	100	0	12	112
03:00	15	1	3	19
03:15	22	0	6	28
03:30	17	0	2	19
03:45	22	1	6	29
	76	2	17	95
04:00	18	0	5	23
04:15	38	0	7	45
04:30	34	2	5	41
04:45	32	3	5	40
	122	5	22	149
05:00	30	1	9	40
05:15	47	2	6	55
05:30	69	1	13	83
05:45	107	5	9	121
	253	9	37	299
06:00	128	6	12	146
06:15	175	8	7	190
06:30	214	5	10	229
06:45	202	8	15	225
	719	27	44	790
07:00	155	8	20	183
07:15	198	7	25	230
07:30	177	10	25	212
07:45	232	10	39	281
	762	35	109	906
08:00	161	13	22	196
08:15	162	9	30	201
08:30	176	16	28	220
08:45	145	10	26	181
	644	48	106	798
09:00	131	12	30	173
09:15	134	21	44	199
09:30	157	12	31	200
09:45	163	14	34	211
	585	59	139	783
10:00	138	15	30	183
10:15	176	11	29	216
10:30	194	7	24	225
10:45	195	5	35	235
	703	38	118	859
11:00	204	15	36	255
11:15	212	11	17	240
11:30	173	9	24	206
11:45	195	12	29	236
	784	47	106	937
Total	4960	276	726	5962
Percent	83.2%	4.6%	12.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	230	4	23	257
12:15	193	7	28	228
12:30	209	16	31	256
12:45	280	10	36	326
	912	37	118	1067
13:00	213	8	30	251
13:15	217	5	32	254
13:30	254	12	17	283
13:45	248	10	21	279
	932	35	100	1067
14:00	237	5	24	266
14:15	269	9	36	314
14:30	298	9	19	326
14:45	390	11	25	426
	1194	34	104	1332
15:00	325	10	20	355
15:15	357	11	28	396
15:30	413	13	26	452
15:45	459	12	20	491
	1554	46	94	1694
16:00	483	15	17	515
16:15	499	9	19	527
16:30	463	5	24	492
16:45	507	3	6	516
	1952	32	66	2050
17:00	542	0	13	555
17:15	485	7	7	499
17:30	521	3	6	530
17:45	466	0	10	476
	2014	10	36	2060
18:00	455	6	6	467
18:15	479	8	9	496
18:30	432	3	8	443
18:45	299	1	2	302
	1665	18	25	1708
19:00	260	0	5	265
19:15	243	0	5	248
19:30	214	0	1	215
19:45	177	1	6	184
	894	1	17	912
20:00	174	2	6	182
20:15	149	2	1	152
20:30	139	0	2	141
20:45	116	1	5	122
	578	5	14	597
21:00	110	1	4	115
21:15	101	0	3	104
21:30	101	2	2	105
21:45	77	1	3	81
	389	4	12	405
22:00	89	1	2	92
22:15	77	0	4	81
22:30	64	0	2	66
22:45	64	1	4	69
	294	2	12	308
23:00	43	0	1	44
23:15	73	0	0	73
23:30	44	0	2	46
23:45	41	0	4	45
	201	0	7	208
Total	12579	224	605	13408
Percent	93.8%	1.7%	4.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

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Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	27	0	1	28
00:15	41	0	2	43
00:30	32	1	0	33
00:45	20	0	3	23
	120	1	6	127
01:00	23	0	4	27
01:15	19	2	1	22
01:30	24	0	4	28
01:45	38	0	5	43
	104	2	14	120
02:00	24	0	2	26
02:15	22	2	2	26
02:30	17	0	1	18
02:45	28	0	2	30
	91	2	7	100
03:00	21	0	2	23
03:15	19	2	2	23
03:30	17	1	5	23
03:45	18	2	6	26
	75	5	15	95
04:00	18	0	6	24
04:15	24	0	5	29
04:30	38	3	1	42
04:45	41	3	10	54
	121	6	22	149
05:00	29	2	6	37
05:15	46	3	12	61
05:30	82	2	9	93
05:45	112	6	8	126
	269	13	35	317
06:00	122	1	12	135
06:15	198	3	10	211
06:30	218	9	11	238
06:45	187	12	16	215
	725	25	49	799
07:00	179	8	17	204
07:15	193	12	30	235
07:30	200	20	27	247
07:45	229	7	27	263
	801	47	101	949
08:00	183	10	28	221
08:15	159	9	23	191
08:30	154	6	26	186
08:45	169	10	23	202
	665	35	100	800
09:00	161	11	33	205
09:15	128	13	27	168
09:30	166	7	28	201
09:45	179	16	20	215
	634	47	108	789
10:00	168	8	24	200
10:15	182	13	31	226
10:30	159	12	26	197
10:45	186	17	16	219
	695	50	97	842
11:00	159	5	26	190
11:15	226	17	42	285
11:30	211	7	41	259
11:45	219	11	38	268
	815	40	147	1002
Total	5115	273	701	6089
Percent	84.0%	4.5%	11.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	185	10	34	229
12:15	234	13	26	273
12:30	236	4	29	269
12:45	193	11	23	227
	848	38	112	998
13:00	224	12	20	256
13:15	223	11	18	252
13:30	227	12	24	263
13:45	231	12	22	265
	905	47	84	1036
14:00	229	9	34	272
14:15	308	17	28	353
14:30	282	11	20	313
14:45	362	15	19	396
	1181	52	101	1334
15:00	343	12	16	371
15:15	369	15	23	407
15:30	416	15	32	463
15:45	479	21	15	515
	1607	63	86	1756
16:00	485	7	14	506
16:15	459	16	16	491
16:30	452	10	22	484
16:45	463	13	8	484
	1859	46	60	1965
17:00	527	7	10	544
17:15	479	11	9	499
17:30	469	0	11	480
17:45	465	4	3	472
	1940	22	33	1995
18:00	479	2	9	490
18:15	415	1	7	423
18:30	380	3	9	392
18:45	337	5	2	344
	1611	11	27	1649
19:00	263	2	7	272
19:15	258	2	3	263
19:30	201	2	6	209
19:45	217	2	9	228
	939	8	25	972
20:00	177	2	2	181
20:15	175	0	3	178
20:30	156	1	2	159
20:45	128	1	8	137
	636	4	15	655
21:00	109	0	5	114
21:15	111	1	3	115
21:30	110	1	3	114
21:45	94	0	3	97
	424	2	14	440
22:00	89	3	4	96
22:15	71	1	2	74
22:30	61	0	1	62
22:45	59	2	3	64
	280	6	10	296
23:00	55	0	1	56
23:15	64	0	1	65
23:30	56	1	0	57
23:45	47	0	3	50
	222	1	5	228
Total	12452	300	572	13324
Percent	93.5%	2.3%	4.3%	100.0%
Grand Total	35106	1073	2604	38783
Percent	90.5%	2.8%	6.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	33	0	6	39
00:15	40	1	0	41
00:30	20	0	4	24
00:45	17	2	5	24
	110	3	15	128
01:00	13	2	1	16
01:15	10	1	2	13
01:30	6	3	1	10
01:45	13	0	2	15
	42	6	6	54
02:00	8	1	2	11
02:15	22	0	4	26
02:30	8	3	2	13
02:45	18	1	4	23
	56	5	12	73
03:00	13	1	4	18
03:15	39	1	6	46
03:30	65	3	1	69
03:45	57	0	4	61
	174	5	15	194
04:00	60	3	3	66
04:15	133	1	7	141
04:30	195	0	5	200
04:45	161	1	12	174
	549	5	27	581
05:00	216	2	10	228
05:15	337	0	7	344
05:30	412	5	9	426
05:45	347	4	18	369
	1312	11	44	1367
06:00	369	3	21	393
06:15	485	7	13	505
06:30	527	8	12	547
06:45	499	8	14	521
	1880	26	60	1966
07:00	439	4	13	456
07:15	411	6	11	428
07:30	415	5	16	436
07:45	401	8	21	430
	1666	23	61	1750
08:00	383	14	34	431
08:15	333	11	25	369
08:30	312	8	25	345
08:45	255	4	20	279
	1283	37	104	1424
09:00	264	15	30	309
09:15	265	6	21	292
09:30	206	12	28	246
09:45	251	8	24	283
	986	41	103	1130
10:00	238	10	29	277
10:15	255	13	18	286
10:30	238	13	31	282
10:45	181	7	21	209
	912	43	99	1054
11:00	208	6	36	250
11:15	253	13	29	295
11:30	236	9	35	280
11:45	215	8	33	256
	912	36	133	1081
Total	9882	241	679	10802
Percent	91.5%	2.2%	6.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	248	14	25	287
12:15	229	11	29	269
12:30	248	4	30	282
12:45	200	7	19	226
	925	36	103	1064
13:00	246	17	30	293
13:15	235	12	28	275
13:30	240	18	41	299
13:45	192	12	18	222
	913	59	117	1089
14:00	222	10	45	277
14:15	222	9	30	261
14:30	240	16	24	280
14:45	193	7	28	228
	877	42	127	1046
15:00	210	8	25	243
15:15	239	6	23	268
15:30	281	1	27	309
15:45	261	11	16	288
	991	26	91	1108
16:00	265	11	23	299
16:15	309	14	14	337
16:30	299	12	17	328
16:45	293	9	13	315
	1166	46	67	1279
17:00	325	5	10	340
17:15	359	3	11	373
17:30	322	6	9	337
17:45	288	8	5	301
	1294	22	35	1351
18:00	246	7	8	261
18:15	227	3	7	237
18:30	243	1	8	252
18:45	198	4	9	211
	914	15	32	961
19:00	186	2	6	194
19:15	197	1	4	202
19:30	145	1	6	152
19:45	117	1	6	124
	645	5	22	672
20:00	114	1	10	125
20:15	126	1	6	133
20:30	125	0	3	128
20:45	85	1	5	91
	450	3	24	477
21:00	82	1	8	91
21:15	73	0	4	77
21:30	79	0	3	82
21:45	43	0	6	49
	277	1	21	299
22:00	52	2	4	58
22:15	52	0	4	56
22:30	37	1	4	42
22:45	37	1	2	40
	178	4	14	196
23:00	26	0	1	27
23:15	17	0	1	18
23:30	19	0	2	21
23:45	16	0	1	17
	78	0	5	83
Total	8708	259	658	9625
Percent	90.5%	2.7%	6.8%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	31	0	4	35
00:15	24	1	2	27
00:30	23	0	0	23
00:45	10	1	2	13
	88	2	8	98
01:00	14	0	3	17
01:15	12	0	6	18
01:30	11	0	3	14
01:45	17	0	4	21
	54	0	16	70
02:00	9	1	4	14
02:15	20	3	3	26
02:30	10	1	8	19
02:45	15	0	3	18
	54	5	18	77
03:00	18	0	2	20
03:15	43	0	14	57
03:30	58	0	5	63
03:45	57	1	8	66
	176	1	29	206
04:00	66	4	3	73
04:15	117	0	5	122
04:30	193	1	7	201
04:45	179	0	8	187
	555	5	23	583
05:00	208	1	7	216
05:15	321	3	13	337
05:30	405	5	12	422
05:45	311	5	9	325
	1245	14	41	1300
06:00	370	8	26	404
06:15	493	8	21	522
06:30	518	8	14	540
06:45	448	7	16	471
	1829	31	77	1937
07:00	420	6	11	437
07:15	407	4	16	427
07:30	408	12	16	436
07:45	372	11	19	402
	1607	33	62	1702
08:00	403	18	22	443
08:15	342	8	22	372
08:30	295	12	24	331
08:45	241	6	25	272
	1281	44	93	1418
09:00	273	13	16	302
09:15	282	12	22	316
09:30	264	10	29	303
09:45	241	10	42	293
	1060	45	109	1214
10:00	223	17	32	272
10:15	241	11	24	276
10:30	226	7	29	262
10:45	251	11	27	289
	941	46	112	1099
11:00	200	14	28	242
11:15	268	8	25	301
11:30	273	14	19	306
11:45	216	13	23	252
	957	49	95	1101
Total	9847	275	683	10805
Percent	91.1%	2.5%	6.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 1
Station ID: 1
AUGUSTA ROAD NORTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	232	13	33	278
12:15	275	16	34	325
12:30	242	9	17	268
12:45	192	9	31	232
	941	47	115	1103
13:00	224	11	38	273
13:15	273	21	35	329
13:30	205	7	30	242
13:45	239	11	21	271
	941	50	124	1115
14:00	245	11	33	289
14:15	255	17	22	294
14:30	264	10	24	298
14:45	222	15	20	257
	986	53	99	1138
15:00	240	19	25	284
15:15	230	11	17	258
15:30	271	16	17	304
15:45	296	11	14	321
	1037	57	73	1167
16:00	255	10	17	282
16:15	312	4	15	331
16:30	289	6	19	314
16:45	281	4	13	298
	1137	24	64	1225
17:00	320	9	17	346
17:15	374	13	7	394
17:30	330	4	11	345
17:45	279	7	9	295
	1303	33	44	1380
18:00	279	10	10	299
18:15	263	13	8	284
18:30	207	0	11	218
18:45	184	3	5	192
	933	26	34	993
19:00	186	4	6	196
19:15	182	2	11	195
19:30	175	3	9	187
19:45	125	3	3	131
	668	12	29	709
20:00	120	0	8	128
20:15	121	4	2	127
20:30	138	0	4	142
20:45	84	1	8	93
	463	5	22	490
21:00	88	1	3	92
21:15	69	3	5	77
21:30	79	2	4	85
21:45	52	2	3	57
	288	8	15	311
22:00	53	0	3	56
22:15	51	0	4	55
22:30	57	0	3	60
22:45	36	2	1	39
	197	2	11	210
23:00	25	0	4	29
23:15	33	0	6	39
23:30	21	0	0	21
23:45	19	1	4	24
	98	1	14	113
Total	8992	318	644	9954
Percent	90.3%	3.2%	6.5%	100.0%
Grand Total	37429	1093	2664	41186
Percent	90.9%	2.7%	6.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	32	1	3	36
00:15	42	0	2	44
00:30	31	0	2	33
00:45	30	2	1	33
	135	3	8	146
01:00	29	0	2	31
01:15	18	0	1	19
01:30	25	2	1	28
01:45	28	1	4	33
	100	3	8	111
02:00	20	0	5	25
02:15	27	0	1	28
02:30	25	0	2	27
02:45	32	0	3	35
	104	0	11	115
03:00	15	1	3	19
03:15	22	0	6	28
03:30	21	0	2	23
03:45	23	2	6	31
	81	3	17	101
04:00	18	0	6	24
04:15	38	0	7	45
04:30	32	2	5	39
04:45	37	4	5	46
	125	6	23	154
05:00	30	1	9	40
05:15	47	3	6	56
05:30	67	1	13	81
05:45	110	5	10	125
	254	10	38	302
06:00	132	7	12	151
06:15	178	9	9	196
06:30	219	5	11	235
06:45	233	9	15	257
	762	30	47	839
07:00	173	11	21	205
07:15	217	7	25	249
07:30	191	10	25	226
07:45	231	11	39	281
	812	39	110	961
08:00	165	14	22	201
08:15	175	9	31	215
08:30	178	15	28	221
08:45	160	10	26	196
	678	48	107	833
09:00	135	13	30	178
09:15	149	20	44	213
09:30	167	14	32	213
09:45	178	15	34	227
	629	62	140	831
10:00	145	15	30	190
10:15	189	11	29	229
10:30	206	9	24	239
10:45	219	4	35	258
	759	39	118	916
11:00	222	15	36	273
11:15	226	11	17	254
11:30	191	9	24	224
11:45	219	13	29	261
	858	48	106	1012
Total	5297	291	733	6321
Percent	83.8%	4.6%	11.6%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	249	4	23	276
12:15	200	7	28	235
12:30	235	18	32	285
12:45	296	10	36	342
	980	39	119	1138
13:00	227	8	31	266
13:15	232	4	31	267
13:30	276	13	17	306
13:45	281	9	21	311
	1016	34	100	1150
14:00	257	5	24	286
14:15	296	10	36	342
14:30	321	11	20	352
14:45	415	11	25	451
	1289	37	105	1431
15:00	350	11	20	381
15:15	392	13	30	435
15:30	442	12	26	480
15:45	481	12	20	513
	1665	48	96	1809
16:00	517	15	17	549
16:15	545	9	19	573
16:30	509	6	22	537
16:45	557	3	6	566
	2128	33	64	2225
17:00	591	0	13	604
17:15	521	7	8	536
17:30	559	3	6	568
17:45	512	0	10	522
	2183	10	37	2230
18:00	507	6	7	520
18:15	528	8	9	545
18:30	472	3	8	483
18:45	314	1	2	317
	1821	18	26	1865
19:00	285	0	5	290
19:15	291	0	5	296
19:30	244	0	1	245
19:45	206	1	6	213
	1026	1	17	1044
20:00	195	2	6	203
20:15	182	2	1	185
20:30	159	0	2	161
20:45	139	1	5	145
	675	5	14	694
21:00	120	1	4	125
21:15	113	0	3	116
21:30	117	2	2	121
21:45	90	1	3	94
	440	4	12	456
22:00	101	1	2	104
22:15	82	0	4	86
22:30	70	0	2	72
22:45	70	1	4	75
	323	2	12	337
23:00	52	0	1	53
23:15	82	0	0	82
23:30	52	0	2	54
23:45	45	0	4	49
	231	0	7	238
Total	13777	231	609	14617
Percent	94.3%	1.6%	4.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	34	0	1	35
00:15	44	0	2	46
00:30	34	1	0	35
00:45	24	0	3	27
	136	1	6	143
01:00	26	0	4	30
01:15	23	2	1	26
01:30	24	0	5	29
01:45	38	0	5	43
	111	2	15	128
02:00	29	0	2	31
02:15	22	2	1	25
02:30	22	0	1	23
02:45	29	0	2	31
	102	2	6	110
03:00	21	0	2	23
03:15	21	2	2	25
03:30	19	1	5	25
03:45	20	2	6	28
	81	5	15	101
04:00	20	0	6	26
04:15	25	0	5	30
04:30	39	3	1	43
04:45	45	3	11	59
	129	6	23	158
05:00	31	2	6	39
05:15	45	3	12	60
05:30	85	3	9	97
05:45	117	6	8	131
	278	14	35	327
06:00	127	1	12	140
06:15	197	3	10	210
06:30	226	10	11	247
06:45	227	15	16	258
	777	29	49	855
07:00	188	10	18	216
07:15	209	12	30	251
07:30	212	22	27	261
07:45	237	8	27	272
	846	52	102	1000
08:00	192	11	28	231
08:15	169	11	24	204
08:30	160	6	26	192
08:45	178	10	23	211
	699	38	101	838
09:00	168	11	33	212
09:15	142	14	27	183
09:30	177	7	28	212
09:45	193	15	20	228
	680	47	108	835
10:00	186	11	24	221
10:15	190	11	31	232
10:30	173	12	27	212
10:45	195	18	15	228
	744	52	97	893
11:00	180	5	26	211
11:15	243	18	42	303
11:30	221	7	41	269
11:45	234	11	39	284
	878	41	148	1067
Total	5461	289	705	6455
Percent	84.6%	4.5%	10.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	204	10	34	248
12:15	243	15	27	285
12:30	253	4	30	287
12:45	218	11	23	252
	918	40	114	1072
13:00	247	13	21	281
13:15	247	10	18	275
13:30	268	11	25	304
13:45	260	12	22	294
	1022	46	86	1154
14:00	249	10	34	293
14:15	331	19	28	378
14:30	305	10	21	336
14:45	395	16	19	430
	1280	55	102	1437
15:00	361	12	16	389
15:15	396	16	23	435
15:30	437	15	32	484
15:45	515	19	15	549
	1709	62	86	1857
16:00	521	8	14	543
16:15	501	15	16	532
16:30	499	9	22	530
16:45	491	12	8	511
	2012	44	60	2116
17:00	561	7	10	578
17:15	516	11	9	536
17:30	515	1	12	528
17:45	519	4	3	526
	2111	23	34	2168
18:00	520	3	9	532
18:15	471	1	7	479
18:30	415	3	9	427
18:45	383	5	2	390
	1789	12	27	1828
19:00	291	2	7	300
19:15	281	2	3	286
19:30	226	1	6	233
19:45	249	2	9	260
	1047	7	25	1079
20:00	200	2	2	204
20:15	204	0	3	207
20:30	178	1	2	181
20:45	154	1	8	163
	736	4	15	755
21:00	120	0	5	125
21:15	130	1	3	134
21:30	114	1	3	118
21:45	101	1	3	105
	465	3	14	482
22:00	103	3	4	110
22:15	78	1	2	81
22:30	75	0	1	76
22:45	64	2	3	69
	320	6	10	336
23:00	66	0	1	67
23:15	74	0	1	75
23:30	65	1	0	66
23:45	53	0	3	56
	258	1	5	264
Total	13667	303	578	14548
Percent	93.9%	2.1%	4.0%	100.0%
Grand Total	38202	1114	2625	41941
Percent	91.1%	2.7%	6.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	34	0	6	40
00:15	41	1	0	42
00:30	21	0	4	25
00:45	17	2	5	24
	113	3	15	131
01:00	13	2	1	16
01:15	9	1	2	12
01:30	8	3	1	12
01:45	13	0	2	15
	43	6	6	55
02:00	8	1	2	11
02:15	22	0	4	26
02:30	8	3	2	13
02:45	18	1	4	23
	56	5	12	73
03:00	15	1	4	20
03:15	39	1	6	46
03:30	66	3	1	70
03:45	59	0	4	63
	179	5	15	199
04:00	66	3	3	72
04:15	138	1	7	146
04:30	203	0	5	208
04:45	168	1	11	180
	575	5	26	606
05:00	230	2	11	243
05:15	352	0	8	360
05:30	440	7	9	456
05:45	373	4	18	395
	1395	13	46	1454
06:00	409	3	23	435
06:15	528	7	14	549
06:30	577	9	13	599
06:45	524	9	15	548
	2038	28	65	2131
07:00	492	4	15	511
07:15	477	10	11	498
07:30	470	7	18	495
07:45	435	10	21	466
	1874	31	65	1970
08:00	407	14	35	456
08:15	353	11	25	389
08:30	336	10	28	374
08:45	264	5	20	289
	1360	40	108	1508
09:00	278	16	30	324
09:15	275	8	23	306
09:30	221	14	28	263
09:45	258	8	24	290
	1032	46	105	1183
10:00	249	11	29	289
10:15	267	13	18	298
10:30	250	14	31	295
10:45	191	6	21	218
	957	44	99	1100
11:00	213	7	36	256
11:15	253	14	29	296
11:30	239	8	34	281
11:45	226	10	35	271
	931	39	134	1104
Total	10553	265	696	11514
Percent	91.7%	2.3%	6.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	254	15	25	294
12:15	236	11	29	276
12:30	250	3	29	282
12:45	212	8	19	239
	952	37	102	1091
13:00	247	17	30	294
13:15	239	13	28	280
13:30	249	19	41	309
13:45	214	16	19	249
	949	65	118	1132
14:00	244	12	45	301
14:15	249	11	30	290
14:30	261	19	26	306
14:45	204	8	28	240
	958	50	129	1137
15:00	237	7	26	270
15:15	270	7	23	300
15:30	304	1	28	333
15:45	263	11	16	290
	1074	26	93	1193
16:00	254	13	24	291
16:15	311	14	14	339
16:30	312	13	16	341
16:45	304	9	13	326
	1181	49	67	1297
17:00	337	6	11	354
17:15	357	3	11	371
17:30	327	6	10	343
17:45	291	8	5	304
	1312	23	37	1372
18:00	256	8	8	272
18:15	248	3	7	258
18:30	241	1	8	250
18:45	193	4	9	206
	938	16	32	986
19:00	200	2	6	208
19:15	197	1	4	202
19:30	147	2	6	155
19:45	129	1	7	137
	673	6	23	702
20:00	118	1	10	129
20:15	127	1	6	134
20:30	124	0	3	127
20:45	91	1	5	97
	460	3	24	487
21:00	81	1	8	90
21:15	82	0	4	86
21:30	84	0	3	87
21:45	48	0	6	54
	295	1	21	317
22:00	55	2	4	61
22:15	56	0	4	60
22:30	41	1	4	46
22:45	41	1	2	44
	193	4	14	211
23:00	33	0	1	34
23:15	19	0	1	20
23:30	22	0	2	24
23:45	23	0	1	24
	97	0	5	102
Total	9082	280	665	10027
Percent	90.6%	2.8%	6.6%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	31	0	4	35
00:15	27	1	2	30
00:30	22	0	0	22
00:45	13	1	2	16
	93	2	8	103
01:00	15	0	3	18
01:15	11	0	6	17
01:30	13	0	4	17
01:45	19	0	4	23
	58	0	17	75
02:00	9	1	4	14
02:15	20	3	3	26
02:30	12	1	8	21
02:45	15	0	3	18
	56	5	18	79
03:00	17	1	2	20
03:15	50	0	14	64
03:30	60	0	5	65
03:45	59	1	8	68
	186	2	29	217
04:00	71	4	3	78
04:15	122	0	5	127
04:30	195	1	7	203
04:45	187	0	9	196
	575	5	24	604
05:00	221	1	7	229
05:15	339	3	13	355
05:30	433	5	12	450
05:45	331	6	9	346
	1324	15	41	1380
06:00	411	9	26	446
06:15	533	9	21	563
06:30	572	8	14	594
06:45	485	8	16	509
	2001	34	77	2112
07:00	466	7	11	484
07:15	478	5	18	501
07:30	459	14	16	489
07:45	408	12	20	440
	1811	38	65	1914
08:00	425	19	23	467
08:15	359	9	22	390
08:30	307	13	24	344
08:45	253	7	25	285
	1344	48	94	1486
09:00	282	13	16	311
09:15	291	12	22	325
09:30	274	11	29	314
09:45	253	10	42	305
	1100	46	109	1255
10:00	232	17	32	281
10:15	246	10	24	280
10:30	249	7	29	285
10:45	260	10	27	297
	987	44	112	1143
11:00	204	17	28	249
11:15	279	8	25	312
11:30	282	15	19	316
11:45	220	13	23	256
	985	53	95	1133
Total	10520	292	689	11501
Percent	91.5%	2.5%	6.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 2
Station ID: 2
AUGUSTA ROAD SOUTH OF MARKET BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	249	14	33	296
12:15	276	16	34	326
12:30	240	10	17	267
12:45	210	10	31	251
	975	50	115	1140
13:00	227	16	38	281
13:15	273	20	34	327
13:30	223	8	30	261
13:45	244	12	23	279
	967	56	125	1148
14:00	265	14	33	312
14:15	256	20	22	298
14:30	276	11	24	311
14:45	231	17	20	268
	1028	62	99	1189
15:00	258	20	24	302
15:15	255	13	17	285
15:30	283	18	17	318
15:45	298	12	14	324
	1094	63	72	1229
16:00	267	11	17	295
16:15	314	4	15	333
16:30	294	6	19	319
16:45	271	5	13	289
	1146	26	64	1236
17:00	336	9	17	362
17:15	367	13	7	387
17:30	336	5	11	352
17:45	290	8	9	307
	1329	35	44	1408
18:00	293	10	10	313
18:15	269	13	8	290
18:30	215	0	12	227
18:45	194	3	5	202
	971	26	35	1032
19:00	202	4	6	212
19:15	177	1	11	189
19:30	190	3	9	202
19:45	140	3	3	146
	709	11	29	749
20:00	124	0	8	132
20:15	133	4	2	139
20:30	133	0	4	137
20:45	87	1	8	96
	477	5	22	504
21:00	98	1	3	102
21:15	76	3	5	84
21:30	83	2	4	89
21:45	54	2	3	59
	311	8	15	334
22:00	64	0	4	68
22:15	57	1	4	62
22:30	59	0	3	62
22:45	43	2	1	46
	223	3	12	238
23:00	31	0	4	35
23:15	34	0	6	40
23:30	27	0	0	27
23:45	18	1	4	23
	110	1	14	125
Total	9340	346	646	10332
Percent	90.4%	3.3%	6.3%	100.0%
Grand Total	39495	1183	2696	43374
Percent	91.1%	2.7%	6.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	1	0	0	1
00:15	1	0	0	1
00:30	3	0	0	3
00:45	1	0	0	1
	6	0	0	6
01:00	0	0	0	0
01:15	0	0	0	0
01:30	2	0	0	2
01:45	1	0	0	1
	3	0	0	3
02:00	0	0	0	0
02:15	0	0	0	0
02:30	1	0	0	1
02:45	0	0	0	0
	1	0	0	1
03:00	2	0	0	2
03:15	1	0	0	1
03:30	1	0	0	1
03:45	1	0	0	1
	5	0	0	5
04:00	6	0	0	6
04:15	4	0	0	4
04:30	8	0	0	8
04:45	8	0	0	8
	26	0	0	26
05:00	10	0	0	10
05:15	15	0	0	15
05:30	26	1	0	27
05:45	17	0	0	17
	68	1	0	69
06:00	29	0	1	30
06:15	37	0	0	37
06:30	38	2	1	41
06:45	32	0	0	32
	136	2	2	140
07:00	39	1	0	40
07:15	54	1	0	55
07:30	43	1	0	44
07:45	27	1	0	28
	163	4	0	167
08:00	25	0	0	25
08:15	21	1	0	22
08:30	26	2	3	31
08:45	10	0	0	10
	82	3	3	88
09:00	10	0	0	10
09:15	15	1	2	18
09:30	14	1	0	15
09:45	14	0	0	14
	53	2	2	57
10:00	13	0	0	13
10:15	15	0	0	15
10:30	11	0	0	11
10:45	13	1	0	14
	52	1	0	53
11:00	9	0	0	9
11:15	14	0	0	14
11:30	22	0	0	22
11:45	13	0	0	13
	58	0	0	58
Total	653	13	7	673
Percent	97.0%	1.9%	1.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	12	2	0	14
12:15	13	0	0	13
12:30	13	0	0	13
12:45	7	0	0	7
	45	2	0	47
13:00	8	0	0	8
13:15	21	1	1	23
13:30	17	0	0	17
13:45	8	1	0	9
	54	2	1	57
14:00	14	1	0	15
14:15	14	2	0	16
14:30	18	2	0	20
14:45	16	1	0	17
	62	6	0	68
15:00	16	0	0	16
15:15	18	0	0	18
15:30	15	0	0	15
15:45	16	1	0	17
	65	1	0	66
16:00	14	0	0	14
16:15	13	0	0	13
16:30	14	0	0	14
16:45	16	0	0	16
	57	0	0	57
17:00	20	1	0	21
17:15	17	0	0	17
17:30	16	0	0	16
17:45	20	0	0	20
	73	1	0	74
18:00	18	0	0	18
18:15	26	0	0	26
18:30	19	0	0	19
18:45	13	0	0	13
	76	0	0	76
19:00	17	0	0	17
19:15	7	0	0	7
19:30	11	0	0	11
19:45	8	0	0	8
	43	0	0	43
20:00	6	0	0	6
20:15	5	0	0	5
20:30	9	0	0	9
20:45	8	0	0	8
	28	0	0	28
21:00	3	0	0	3
21:15	7	0	0	7
21:30	7	0	0	7
21:45	4	0	0	4
	21	0	0	21
22:00	3	0	0	3
22:15	1	0	0	1
22:30	5	0	0	5
22:45	5	0	0	5
	14	0	0	14
23:00	2	0	0	2
23:15	2	0	0	2
23:30	0	0	0	0
23:45	4	0	0	4
	8	0	0	8
Total	546	12	1	559
Percent	97.7%	2.1%	0.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	0	0	0	0
00:15	4	0	0	4
00:30	0	0	0	0
00:45	2	0	0	2
	6	0	0	6
01:00	2	0	0	2
01:15	0	0	0	0
01:30	2	0	0	2
01:45	2	0	0	2
	6	0	0	6
02:00	0	0	0	0
02:15	2	0	0	2
02:30	4	0	0	4
02:45	0	0	0	0
	6	0	0	6
03:00	1	1	0	2
03:15	1	0	0	1
03:30	3	0	0	3
03:45	3	0	0	3
	8	1	0	9
04:00	3	0	0	3
04:15	6	0	0	6
04:30	4	0	0	4
04:45	9	0	0	9
	22	0	0	22
05:00	8	0	0	8
05:15	16	0	0	16
05:30	19	0	0	19
05:45	15	0	0	15
	58	0	0	58
06:00	30	1	0	31
06:15	28	1	0	29
06:30	35	1	0	36
06:45	38	0	0	38
	131	3	0	134
07:00	35	2	0	37
07:15	61	1	0	62
07:30	44	1	0	45
07:45	31	0	0	31
	171	4	0	175
08:00	27	0	0	27
08:15	22	1	0	23
08:30	14	0	0	14
08:45	21	0	0	21
	84	1	0	85
09:00	13	0	0	13
09:15	16	0	0	16
09:30	19	0	0	19
09:45	12	0	0	12
	60	0	0	60
10:00	13	1	0	14
10:15	11	0	0	11
10:30	15	0	0	15
10:45	19	0	0	19
	58	1	0	59
11:00	11	0	0	11
11:15	20	1	0	21
11:30	20	0	0	20
11:45	16	2	0	18
	67	3	0	70
Total	677	13	0	690
Percent	98.1%	1.9%	0.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	14	0	0	14
12:15	9	0	0	9
12:30	10	0	0	10
12:45	16	0	0	16
	49	0	0	49
13:00	12	2	0	14
13:15	12	0	0	12
13:30	19	0	0	19
13:45	10	1	0	11
	53	3	0	56
14:00	16	1	0	17
14:15	11	1	0	12
14:30	18	1	0	19
14:45	14	1	0	15
	59	4	0	63
15:00	17	0	0	17
15:15	17	1	0	18
15:30	16	0	0	16
15:45	14	1	0	15
	64	2	0	66
16:00	17	1	0	18
16:15	17	0	0	17
16:30	14	0	0	14
16:45	18	1	0	19
	66	2	0	68
17:00	18	0	0	18
17:15	21	0	0	21
17:30	13	2	0	15
17:45	18	0	0	18
	70	2	0	72
18:00	25	0	0	25
18:15	23	0	0	23
18:30	25	0	0	25
18:45	15	0	0	15
	88	0	0	88
19:00	19	0	0	19
19:15	7	0	0	7
19:30	21	0	0	21
19:45	16	0	0	16
	63	0	0	63
20:00	11	0	0	11
20:15	12	0	0	12
20:30	2	0	0	2
20:45	3	0	0	3
	28	0	0	28
21:00	9	0	0	9
21:15	3	0	0	3
21:30	6	0	0	6
21:45	9	0	0	9
	27	0	0	27
22:00	9	0	0	9
22:15	7	0	0	7
22:30	1	0	0	1
22:45	3	0	0	3
	20	0	0	20
23:00	6	0	0	6
23:15	1	0	0	1
23:30	3	0	0	3
23:45	0	0	0	0
	10	0	0	10
Total	597	13	0	610
Percent	97.9%	2.1%	0.0%	100.0%
Grand Total	2473	51	8	2532
Percent	97.7%	2.0%	0.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	4	0	0	4
00:15	4	0	0	4
00:30	2	0	0	2
00:45	4	0	0	4
	14	0	0	14
01:00	3	0	0	3
01:15	3	0	0	3
01:30	1	0	0	1
01:45	1	0	0	1
	8	0	0	8
02:00	0	0	0	0
02:15	0	0	0	0
02:30	1	0	0	1
02:45	1	0	0	1
	2	0	0	2
03:00	0	0	0	0
03:15	1	0	0	1
03:30	2	0	0	2
03:45	1	0	0	1
	4	0	0	4
04:00	1	0	0	1
04:15	0	0	0	0
04:30	0	0	0	0
04:45	2	0	0	2
	3	0	0	3
05:00	2	0	0	2
05:15	1	0	0	1
05:30	1	0	0	1
05:45	0	0	0	0
	4	0	0	4
06:00	1	0	0	1
06:15	5	1	0	6
06:30	0	0	0	0
06:45	3	0	0	3
	9	1	0	10
07:00	3	1	0	4
07:15	11	1	0	12
07:30	12	0	0	12
07:45	8	1	0	9
	34	3	0	37
08:00	12	0	0	12
08:15	9	0	0	9
08:30	6	0	0	6
08:45	9	0	0	9
	36	0	0	36
09:00	3	0	0	3
09:15	5	0	0	5
09:30	9	1	0	10
09:45	7	0	0	7
	24	1	0	25
10:00	8	0	0	8
10:15	12	0	0	12
10:30	6	1	0	7
10:45	13	0	0	13
	39	1	0	40
11:00	12	0	0	12
11:15	12	0	0	12
11:30	11	0	0	11
11:45	9	1	0	10
	44	1	0	45
Total	221	7	0	228
Percent	96.9%	3.1%	0.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	13	0	0	13
12:15	11	0	0	11
12:30	10	1	0	11
12:45	10	0	0	10
	44	1	0	45
13:00	6	0	1	7
13:15	9	0	0	9
13:30	13	1	0	14
13:45	14	0	0	14
	42	1	1	44
14:00	11	0	0	11
14:15	12	1	0	13
14:30	15	0	0	15
14:45	18	1	0	19
	56	2	0	58
15:00	17	0	0	17
15:15	24	1	0	25
15:30	21	0	0	21
15:45	20	0	0	20
	82	1	0	83
16:00	20	0	0	20
16:15	27	0	0	27
16:30	27	1	0	28
16:45	36	0	0	36
	110	1	0	111
17:00	30	0	0	30
17:15	24	0	0	24
17:30	25	0	0	25
17:45	31	0	0	31
	110	0	0	110
18:00	33	0	0	33
18:15	43	0	0	43
18:30	38	0	0	38
18:45	23	0	0	23
	137	0	0	137
19:00	16	0	0	16
19:15	32	0	0	32
19:30	25	0	0	25
19:45	23	0	0	23
	96	0	0	96
20:00	17	0	0	17
20:15	26	0	0	26
20:30	15	0	0	15
20:45	18	0	0	18
	76	0	0	76
21:00	11	0	0	11
21:15	9	0	0	9
21:30	13	0	0	13
21:45	10	0	0	10
	43	0	0	43
22:00	10	0	0	10
22:15	3	0	0	3
22:30	8	0	0	8
22:45	4	0	0	4
	25	0	0	25
23:00	8	0	0	8
23:15	8	0	0	8
23:30	4	0	0	4
23:45	3	0	0	3
	23	0	0	23
Total	844	6	1	851
Percent	99.2%	0.7%	0.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	5	0	0	5
00:15	3	0	0	3
00:30	3	0	0	3
00:45	4	0	0	4
	15	0	0	15
01:00	1	0	0	1
01:15	4	0	0	4
01:30	0	0	0	0
01:45	0	0	0	0
	5	0	0	5
02:00	3	0	0	3
02:15	2	0	0	2
02:30	6	0	0	6
02:45	1	0	0	1
	12	0	0	12
03:00	2	0	0	2
03:15	0	0	0	0
03:30	2	0	0	2
03:45	1	0	0	1
	5	0	0	5
04:00	2	0	0	2
04:15	2	0	0	2
04:30	1	0	0	1
04:45	0	0	0	0
	5	0	0	5
05:00	0	0	0	0
05:15	1	0	0	1
05:30	0	0	0	0
05:45	1	0	0	1
	2	0	0	2
06:00	7	0	0	7
06:15	0	0	0	0
06:30	5	1	0	6
06:45	0	1	0	1
	12	2	0	14
07:00	4	1	0	5
07:15	8	0	0	8
07:30	10	1	0	11
07:45	11	0	0	11
	33	2	0	35
08:00	5	1	0	6
08:15	2	0	0	2
08:30	7	0	0	7
08:45	12	0	0	12
	26	1	0	27
09:00	7	0	0	7
09:15	7	0	0	7
09:30	12	0	0	12
09:45	6	0	0	6
	32	0	0	32
10:00	13	1	0	14
10:15	11	0	0	11
10:30	8	0	0	8
10:45	8	0	0	8
	40	1	0	41
11:00	13	1	0	14
11:15	10	0	0	10
11:30	10	1	0	11
11:45	17	1	0	18
	50	3	0	53
Total	237	9	0	246
Percent	96.3%	3.7%	0.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 3
Station ID: 3
RICE MILL ROAD WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	10	0	0	10
12:15	5	0	0	5
12:30	14	0	0	14
12:45	15	0	0	15
	44	0	0	44
13:00	17	1	0	18
13:15	21	0	0	21
13:30	17	1	0	18
13:45	17	2	0	19
	72	4	0	76
14:00	11	1	0	12
14:15	21	1	0	22
14:30	19	0	0	19
14:45	18	1	0	19
	69	3	0	72
15:00	18	0	0	18
15:15	19	2	0	21
15:30	15	0	0	15
15:45	21	0	0	21
	73	2	0	75
16:00	27	1	0	28
16:15	30	0	0	30
16:30	23	0	0	23
16:45	26	0	0	26
	106	1	0	107
17:00	35	0	0	35
17:15	33	0	0	33
17:30	27	1	0	28
17:45	42	0	0	42
	137	1	0	138
18:00	37	0	0	37
18:15	44	0	0	44
18:30	39	0	0	39
18:45	29	0	0	29
	149	0	0	149
19:00	26	0	0	26
19:15	18	0	0	18
19:30	25	1	0	26
19:45	25	0	0	25
	94	1	0	95
20:00	25	0	0	25
20:15	20	0	0	20
20:30	18	0	0	18
20:45	23	0	0	23
	86	0	0	86
21:00	12	0	0	12
21:15	13	0	0	13
21:30	5	0	0	5
21:45	10	0	0	10
	40	0	0	40
22:00	13	0	0	13
22:15	8	0	0	8
22:30	13	0	0	13
22:45	6	0	0	6
	40	0	0	40
23:00	8	0	0	8
23:15	7	0	0	7
23:30	9	0	0	9
23:45	5	0	0	5
	29	0	0	29
Total	939	12	0	951
Percent	98.7%	1.3%	0.0%	100.0%
Grand Total	2241	34	1	2276
Percent	98.5%	1.5%	0.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	4	0	0	4
00:15	2	0	0	2
00:30	1	0	0	1
00:45	0	0	0	0
	7	0	0	7
01:00	0	0	0	0
01:15	0	0	0	0
01:30	0	0	0	0
01:45	1	0	0	1
	1	0	0	1
02:00	1	0	0	1
02:15	1	0	0	1
02:30	1	0	0	1
02:45	1	0	0	1
	4	0	0	4
03:00	0	0	0	0
03:15	0	0	0	0
03:30	2	0	0	2
03:45	0	1	0	1
	2	1	0	3
04:00	1	0	1	2
04:15	1	0	0	1
04:30	0	0	0	0
04:45	6	1	1	8
	8	1	2	11
05:00	2	0	0	2
05:15	4	1	0	5
05:30	2	0	0	2
05:45	5	0	1	6
	13	1	1	15
06:00	4	1	0	5
06:15	7	0	2	9
06:30	17	1	1	19
06:45	58	1	1	60
	86	3	4	93
07:00	30	3	1	34
07:15	30	1	0	31
07:30	24	0	0	24
07:45	17	0	0	17
	101	4	1	106
08:00	8	1	0	9
08:15	21	1	1	23
08:30	26	1	0	27
08:45	26	1	0	27
	81	4	1	86
09:00	17	1	0	18
09:15	21	0	0	21
09:30	20	1	1	22
09:45	33	1	0	34
	91	3	1	95
10:00	28	0	0	28
10:15	25	0	0	25
10:30	21	1	0	22
10:45	39	2	0	41
	113	3	0	116
11:00	30	0	0	30
11:15	37	0	0	37
11:30	53	1	1	55
11:45	44	0	0	44
	164	1	1	166
Total	671	21	11	703
Percent	95.4%	3.0%	1.6%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	46	1	0	47
12:15	32	1	0	33
12:30	51	2	2	55
12:45	35	1	0	36
	164	5	2	171
13:00	44	0	0	44
13:15	44	0	0	44
13:30	61	1	0	62
13:45	55	0	0	55
	204	1	0	205
14:00	33	0	0	33
14:15	43	0	0	43
14:30	40	2	1	43
14:45	53	0	0	53
	169	2	1	172
15:00	50	2	0	52
15:15	55	1	2	58
15:30	48	0	0	48
15:45	52	1	0	53
	205	4	2	211
16:00	64	0	0	64
16:15	71	0	0	71
16:30	68	0	1	69
16:45	67	0	0	67
	270	0	1	271
17:00	71	0	0	71
17:15	77	0	1	78
17:30	64	0	0	64
17:45	78	0	0	78
	290	0	1	291
18:00	65	0	1	66
18:15	67	0	0	67
18:30	61	0	0	61
18:45	43	0	0	43
	236	0	1	237
19:00	43	0	0	43
19:15	49	0	1	50
19:30	33	0	0	33
19:45	24	0	0	24
	149	0	1	150
20:00	26	0	0	26
20:15	23	0	0	23
20:30	25	0	0	25
20:45	21	0	0	21
	95	0	0	95
21:00	11	0	0	11
21:15	11	0	0	11
21:30	15	0	0	15
21:45	5	0	0	5
	42	0	0	42
22:00	5	0	0	5
22:15	4	0	0	4
22:30	3	0	0	3
22:45	5	0	0	5
	17	0	0	17
23:00	0	0	0	0
23:15	2	0	0	2
23:30	5	0	0	5
23:45	2	0	0	2
	9	0	0	9
Total	1850	12	9	1871
Percent	98.9%	0.6%	0.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	2	0	0	2
00:15	1	0	0	1
00:30	0	0	0	0
00:45	0	0	0	0
	3	0	0	3
01:00	3	0	0	3
01:15	1	0	0	1
01:30	0	0	1	1
01:45	0	0	0	0
	4	0	1	5
02:00	2	0	0	2
02:15	1	0	0	1
02:30	1	0	0	1
02:45	0	0	0	0
	4	0	0	4
03:00	0	0	0	0
03:15	2	0	0	2
03:30	1	0	0	1
03:45	2	0	0	2
	5	0	0	5
04:00	1	0	0	1
04:15	2	0	0	2
04:30	4	0	0	4
04:45	8	0	1	9
	15	0	1	16
05:00	4	0	0	4
05:15	1	0	0	1
05:30	3	1	0	4
05:45	5	0	0	5
	13	1	0	14
06:00	4	0	0	4
06:15	3	0	0	3
06:30	11	1	0	12
06:45	62	2	0	64
	80	3	0	83
07:00	12	3	1	16
07:15	29	1	0	30
07:30	25	1	0	26
07:45	19	1	0	20
	85	6	1	92
08:00	24	1	0	25
08:15	23	2	1	26
08:30	17	0	0	17
08:45	24	0	0	24
	88	3	1	92
09:00	22	0	0	22
09:15	33	1	0	34
09:30	26	0	0	26
09:45	28	0	0	28
	109	1	0	110
10:00	26	3	0	29
10:15	25	0	0	25
10:30	16	0	2	18
10:45	32	3	0	35
	99	6	2	107
11:00	27	0	0	27
11:15	38	2	0	40
11:30	47	0	0	47
11:45	40	2	1	43
	152	4	1	157
Total	657	24	7	688
Percent	95.5%	3.5%	1.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	37	0	0	37
12:15	35	2	1	38
12:30	40	0	1	41
12:45	35	2	0	37
	147	4	2	153
13:00	48	0	1	49
13:15	45	0	1	46
13:30	65	1	1	67
13:45	46	1	0	47
	204	2	3	209
14:00	45	1	0	46
14:15	41	1	0	42
14:30	34	0	1	35
14:45	51	0	0	51
	171	2	1	174
15:00	50	0	1	51
15:15	50	0	0	50
15:30	43	1	0	44
15:45	60	0	0	60
	203	1	1	205
16:00	60	0	0	60
16:15	65	0	0	65
16:30	78	0	0	78
16:45	81	0	0	81
	284	0	0	284
17:00	59	0	0	59
17:15	79	0	0	79
17:30	63	1	1	65
17:45	76	0	0	76
	277	1	1	279
18:00	68	1	0	69
18:15	67	0	0	67
18:30	55	0	0	55
18:45	48	0	0	48
	238	1	0	239
19:00	38	0	0	38
19:15	39	1	0	40
19:30	42	0	0	42
19:45	35	0	0	35
	154	1	0	155
20:00	25	0	0	25
20:15	27	0	0	27
20:30	22	0	0	22
20:45	21	0	0	21
	95	0	0	95
21:00	8	0	0	8
21:15	10	0	0	10
21:30	2	0	0	2
21:45	4	1	0	5
	24	1	0	25
22:00	5	0	0	5
22:15	4	0	0	4
22:30	3	0	0	3
22:45	4	0	0	4
	16	0	0	16
23:00	5	0	0	5
23:15	3	0	0	3
23:30	1	0	0	1
23:45	2	0	0	2
	11	0	0	11
Total	1824	13	8	1845
Percent	98.9%	0.7%	0.4%	100.0%
Grand Total	5002	70	35	5107
Percent	97.9%	1.4%	0.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	1	0	0	1
00:15	0	0	0	0
00:30	1	0	0	1
00:45	0	0	0	0
	2	0	0	2
01:00	0	0	0	0
01:15	0	0	0	0
01:30	0	0	0	0
01:45	0	0	0	0
	0	0	0	0
02:00	0	0	0	0
02:15	0	0	1	1
02:30	0	0	0	0
02:45	1	0	0	1
	1	0	1	2
03:00	0	0	0	0
03:15	0	0	0	0
03:30	0	0	0	0
03:45	1	0	0	1
	1	0	0	1
04:00	2	0	0	2
04:15	2	0	0	2
04:30	2	0	0	2
04:45	2	0	0	2
	8	0	0	8
05:00	8	0	1	9
05:15	5	0	1	6
05:30	7	1	0	8
05:45	11	0	0	11
	31	1	2	34
06:00	12	0	1	13
06:15	15	0	1	16
06:30	24	0	0	24
06:45	23	1	2	26
	74	1	4	79
07:00	29	0	2	31
07:15	34	5	0	39
07:30	34	1	2	37
07:45	33	1	0	34
	130	7	4	141
08:00	15	0	1	16
08:15	16	0	0	16
08:30	28	2	0	30
08:45	19	2	0	21
	78	4	1	83
09:00	20	1	0	21
09:15	6	2	0	8
09:30	20	1	0	21
09:45	18	0	0	18
	64	4	0	68
10:00	27	1	0	28
10:15	21	0	0	21
10:30	16	1	0	17
10:45	25	1	0	26
	89	3	0	92
11:00	20	1	0	21
11:15	21	1	0	22
11:30	27	0	0	27
11:45	27	2	2	31
	95	4	2	101
Total	573	24	14	611
Percent	93.8%	3.9%	2.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	34	0	0	34
12:15	30	1	0	31
12:30	24	0	0	24
12:45	34	2	0	36
	122	3	0	125
13:00	29	0	0	29
13:15	21	1	0	22
13:30	44	2	0	46
13:45	50	4	1	55
	144	7	1	152
14:00	32	1	0	33
14:15	41	0	0	41
14:30	35	1	2	38
14:45	41	1	0	42
	149	3	2	154
15:00	53	0	1	54
15:15	57	1	0	58
15:30	48	1	1	50
15:45	36	0	0	36
	194	2	2	198
16:00	25	2	1	28
16:15	41	0	0	41
16:30	48	1	2	51
16:45	48	0	0	48
	162	3	3	168
17:00	44	0	1	45
17:15	46	0	0	46
17:30	40	0	1	41
17:45	46	0	0	46
	176	0	2	178
18:00	38	1	0	39
18:15	56	0	0	56
18:30	38	0	0	38
18:45	33	0	0	33
	165	1	0	166
19:00	31	0	0	31
19:15	26	0	1	27
19:30	19	1	0	20
19:45	22	0	1	23
	98	1	2	101
20:00	20	0	0	20
20:15	12	0	0	12
20:30	10	0	0	10
20:45	14	0	0	14
	56	0	0	56
21:00	8	0	0	8
21:15	10	0	0	10
21:30	10	0	0	10
21:45	3	0	0	3
	31	0	0	31
22:00	3	0	0	3
22:15	5	0	0	5
22:30	4	0	0	4
22:45	2	0	0	2
	14	0	0	14
23:00	4	0	0	4
23:15	1	0	0	1
23:30	4	0	0	4
23:45	4	0	0	4
	13	0	0	13
Total	1324	20	12	1356
Percent	97.6%	1.5%	0.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	0	0	0	0
00:15	0	0	0	0
00:30	0	0	0	0
00:45	1	0	0	1
	1	0	0	1
01:00	0	0	0	0
01:15	0	0	0	0
01:30	0	0	1	1
01:45	0	0	0	0
	0	0	1	1
02:00	0	0	0	0
02:15	1	0	1	2
02:30	0	0	0	0
02:45	0	0	0	0
	1	0	1	2
03:00	0	0	0	0
03:15	6	0	0	6
03:30	0	0	0	0
03:45	0	0	0	0
	6	0	0	6
04:00	3	0	0	3
04:15	2	0	0	2
04:30	2	0	0	2
04:45	3	0	1	4
	10	0	1	11
05:00	7	0	0	7
05:15	5	0	0	5
05:30	9	0	0	9
05:45	6	1	0	7
	27	1	0	28
06:00	17	0	0	17
06:15	16	0	0	16
06:30	27	0	0	27
06:45	21	1	0	22
	81	1	0	82
07:00	18	1	0	19
07:15	31	1	2	34
07:30	30	1	0	31
07:45	27	1	1	29
	106	4	3	113
08:00	15	2	1	18
08:15	10	0	0	10
08:30	16	1	0	17
08:45	18	1	0	19
	59	4	1	64
09:00	18	0	0	18
09:15	19	0	0	19
09:30	18	1	0	19
09:45	20	1	0	21
	75	2	0	77
10:00	17	0	0	17
10:15	22	1	0	23
10:30	18	0	1	19
10:45	21	1	1	23
	78	2	2	82
11:00	12	4	0	16
11:15	22	0	0	22
11:30	36	2	0	38
11:45	30	1	0	31
	100	7	0	107
Total	544	21	9	574
Percent	94.8%	3.7%	1.6%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 4
Station ID: 4
MARKET BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	31	1	0	32
12:15	23	0	0	23
12:30	25	1	0	26
12:45	27	3	0	30
	106	5	0	111
13:00	33	3	0	36
13:15	30	0	0	30
13:30	40	4	0	44
13:45	29	3	2	34
	132	10	2	144
14:00	40	3	0	43
14:15	29	2	0	31
14:30	24	1	0	25
14:45	31	1	0	32
	124	7	0	131
15:00	51	1	0	52
15:15	50	2	0	52
15:30	33	3	0	36
15:45	33	2	0	35
	167	8	0	175
16:00	46	0	0	46
16:15	38	1	0	39
16:30	45	1	0	46
16:45	51	1	0	52
	180	3	0	183
17:00	58	0	0	58
17:15	47	0	0	47
17:30	37	0	0	37
17:45	57	1	0	58
	199	1	0	200
18:00	53	0	0	53
18:15	38	0	0	38
18:30	42	0	1	43
18:45	26	0	0	26
	159	0	1	160
19:00	33	0	0	33
19:15	22	0	0	22
19:30	36	2	0	38
19:45	27	0	0	27
	118	2	0	120
20:00	20	0	0	20
20:15	18	0	0	18
20:30	11	0	0	11
20:45	18	0	0	18
	67	0	0	67
21:00	10	0	0	10
21:15	8	0	0	8
21:30	1	0	0	1
21:45	0	0	0	0
	19	0	0	19
22:00	6	0	1	7
22:15	4	1	0	5
22:30	3	0	0	3
22:45	9	0	0	9
	22	1	1	24
23:00	2	0	0	2
23:15	0	0	0	0
23:30	4	0	0	4
23:45	0	0	0	0
	6	0	0	6
Total	1299	37	4	1340
Percent	96.9%	2.8%	0.3%	100.0%
Grand Total	3740	102	39	3881
Percent	96.4%	2.6%	1.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	35	2	3	40
00:15	43	0	2	45
00:30	38	0	2	40
00:45	32	2	1	35
	148	4	8	160
01:00	30	0	2	32
01:15	23	0	1	24
01:30	22	2	1	25
01:45	31	1	3	35
	106	3	7	116
02:00	22	0	5	27
02:15	28	0	1	29
02:30	25	0	2	27
02:45	32	0	3	35
	107	0	11	118
03:00	15	1	3	19
03:15	21	0	5	26
03:30	22	0	3	25
03:45	25	2	7	34
	83	3	18	104
04:00	22	1	6	29
04:15	37	0	7	44
04:30	31	2	5	38
04:45	36	4	5	45
	126	7	23	156
05:00	32	1	9	42
05:15	49	3	6	58
05:30	76	1	15	92
05:45	118	5	10	133
	275	10	40	325
06:00	136	8	12	156
06:15	198	8	8	214
06:30	228	3	13	244
06:45	255	10	16	281
	817	29	49	895
07:00	197	12	22	231
07:15	234	7	23	264
07:30	222	11	26	259
07:45	245	12	38	295
	898	42	109	1049
08:00	175	14	21	210
08:15	189	11	32	232
08:30	178	13	29	220
08:45	176	10	29	215
	718	48	111	877
09:00	153	15	33	201
09:15	167	23	40	230
09:30	200	11	31	242
09:45	188	13	38	239
	708	62	142	912
10:00	157	13	30	200
10:15	204	11	30	245
10:30	216	8	24	248
10:45	226	6	37	269
	803	38	121	962
11:00	222	18	36	276
11:15	233	13	16	262
11:30	212	7	27	246
11:45	223	15	28	266
	890	53	107	1050
Total	5679	299	746	6724
Percent	84.5%	4.4%	11.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	251	4	21	276
12:15	202	13	28	243
12:30	247	17	30	294
12:45	324	11	39	374
	1024	45	118	1187
13:00	239	8	28	275
13:15	255	4	29	288
13:30	281	15	20	316
13:45	291	10	21	322
	1066	37	98	1201
14:00	262	6	26	294
14:15	303	11	33	347
14:30	344	13	20	377
14:45	406	11	22	439
	1315	41	101	1457
15:00	379	8	21	408
15:15	428	15	31	474
15:30	467	14	25	506
15:45	493	13	19	525
	1767	50	96	1913
16:00	545	14	19	578
16:15	558	6	18	582
16:30	531	11	21	563
16:45	602	3	8	613
	2236	34	66	2336
17:00	566	1	13	580
17:15	545	7	8	560
17:30	580	3	6	589
17:45	550	2	10	562
	2241	13	37	2291
18:00	571	8	7	586
18:15	529	10	11	550
18:30	459	3	10	472
18:45	309	2	2	313
	1868	23	30	1921
19:00	282	1	6	289
19:15	302	1	5	308
19:30	253	0	1	254
19:45	237	1	6	244
	1074	3	18	1095
20:00	203	2	6	211
20:15	187	2	1	190
20:30	163	0	2	165
20:45	153	1	6	160
	706	5	15	726
21:00	126	1	3	130
21:15	130	0	2	132
21:30	135	2	2	139
21:45	86	1	3	90
	477	4	10	491
22:00	110	1	2	113
22:15	90	0	3	93
22:30	84	0	2	86
22:45	77	1	3	81
	361	2	10	373
23:00	59	0	2	61
23:15	91	0	0	91
23:30	59	0	2	61
23:45	50	0	4	54
	259	0	8	267
Total	14394	257	607	15258
Percent	94.3%	1.7%	4.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	34	0	1	35
00:15	47	0	1	48
00:30	34	1	1	36
00:45	26	0	3	29
	141	1	6	148
01:00	28	0	4	32
01:15	24	1	1	26
01:30	26	2	3	31
01:45	40	0	6	46
	118	3	14	135
02:00	29	0	2	31
02:15	23	2	1	26
02:30	27	0	1	28
02:45	32	0	2	34
	111	2	6	119
03:00	17	0	2	19
03:15	24	2	2	28
03:30	20	2	5	27
03:45	24	1	6	31
	85	5	15	105
04:00	24	0	6	30
04:15	28	0	5	33
04:30	36	4	1	41
04:45	46	2	10	58
	134	6	22	162
05:00	33	2	6	41
05:15	44	3	12	59
05:30	94	3	9	106
05:45	126	6	8	140
	297	14	35	346
06:00	135	3	15	153
06:15	204	3	12	219
06:30	253	10	10	273
06:45	241	15	18	274
	833	31	55	919
07:00	212	11	20	243
07:15	225	11	29	265
07:30	237	18	29	284
07:45	251	6	29	286
	925	46	107	1078
08:00	196	11	27	234
08:15	183	11	25	219
08:30	176	8	26	210
08:45	195	8	24	227
	750	38	102	890
09:00	194	13	38	245
09:15	169	15	24	208
09:30	175	12	30	217
09:45	201	15	25	241
	739	55	117	911
10:00	198	13	25	236
10:15	206	11	39	256
10:30	179	14	27	220
10:45	205	18	17	240
	788	56	108	952
11:00	207	4	26	237
11:15	249	20	41	310
11:30	254	10	41	305
11:45	242	10	41	293
	952	44	149	1145
Total	5873	301	736	6910
Percent	85.0%	4.4%	10.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	231	10	33	274
12:15	247	12	28	287
12:30	253	7	28	288
12:45	242	12	23	277
	973	41	112	1126
13:00	247	12	24	283
13:15	252	15	16	283
13:30	280	12	24	316
13:45	268	13	23	304
	1047	52	87	1186
14:00	282	13	33	328
14:15	339	17	28	384
14:30	337	10	24	371
14:45	415	16	22	453
	1373	56	107	1536
15:00	354	10	15	379
15:15	437	16	21	474
15:30	460	15	30	505
15:45	528	19	15	562
	1779	60	81	1920
16:00	575	10	14	599
16:15	503	12	17	532
16:30	534	11	19	564
16:45	581	14	9	604
	2193	47	59	2299
17:00	565	8	9	582
17:15	577	7	9	593
17:30	530	5	14	549
17:45	541	3	3	547
	2213	23	35	2271
18:00	572	3	10	585
18:15	495	1	7	503
18:30	394	3	9	406
18:45	415	4	2	421
	1876	11	28	1915
19:00	290	2	7	299
19:15	313	3	4	320
19:30	236	1	7	244
19:45	285	2	10	297
	1124	8	28	1160
20:00	204	2	2	208
20:15	213	0	3	216
20:30	187	1	2	190
20:45	167	1	8	176
	771	4	15	790
21:00	138	0	5	143
21:15	142	1	3	146
21:30	125	1	3	129
21:45	108	1	3	112
	513	3	14	530
22:00	105	3	4	112
22:15	88	1	2	91
22:30	76	0	1	77
22:45	70	2	3	75
	339	6	10	355
23:00	72	0	1	73
23:15	77	0	1	78
23:30	71	1	0	72
23:45	57	0	3	60
	277	1	5	283
Total	14478	312	581	15371
Percent	94.2%	2.0%	3.8%	100.0%
Grand Total	40424	1169	2670	44263
Percent	91.3%	2.6%	6.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	33	0	6	39
00:15	45	1	0	46
00:30	24	0	4	28
00:45	18	2	4	24
	120	3	14	137
01:00	13	2	2	17
01:15	9	1	2	12
01:30	9	3	1	13
01:45	11	0	2	13
	42	6	7	55
02:00	9	1	2	12
02:15	24	0	4	28
02:30	11	2	2	15
02:45	17	1	4	22
	61	4	12	77
03:00	16	1	5	22
03:15	39	2	6	47
03:30	69	2	1	72
03:45	65	0	4	69
	189	5	16	210
04:00	72	3	3	78
04:15	138	1	7	146
04:30	204	0	5	209
04:45	175	1	10	186
	589	5	25	619
05:00	238	2	12	252
05:15	346	0	8	354
05:30	481	6	9	496
05:45	388	5	17	410
	1453	13	46	1512
06:00	414	3	24	441
06:15	545	7	14	566
06:30	610	9	12	631
06:45	550	9	15	574
	2119	28	65	2212
07:00	536	6	16	558
07:15	524	8	11	543
07:30	507	8	18	533
07:45	465	12	23	500
	2032	34	68	2134
08:00	427	11	33	471
08:15	392	11	25	428
08:30	353	10	28	391
08:45	277	6	21	304
	1449	38	107	1594
09:00	309	14	29	352
09:15	261	9	23	293
09:30	228	13	28	269
09:45	270	11	25	306
	1068	47	105	1220
10:00	269	11	29	309
10:15	283	13	18	314
10:30	256	13	31	300
10:45	212	6	23	241
	1020	43	101	1164
11:00	221	7	34	262
11:15	259	15	29	303
11:30	253	8	34	295
11:45	253	10	35	298
	986	40	132	1158
Total	11128	266	698	12092
Percent	92.0%	2.2%	5.8%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	258	14	25	297
12:15	226	11	31	268
12:30	267	3	27	297
12:45	239	8	19	266
	990	36	102	1128
13:00	268	19	30	317
13:15	248	13	28	289
13:30	272	19	39	330
13:45	250	16	21	287
	1038	67	118	1223
14:00	256	12	41	309
14:15	259	11	32	302
14:30	274	19	26	319
14:45	209	8	28	245
	998	50	127	1175
15:00	247	7	28	282
15:15	284	6	25	315
15:30	321	3	26	350
15:45	268	11	16	295
	1120	27	95	1242
16:00	261	11	24	296
16:15	310	16	14	340
16:30	323	13	15	351
16:45	309	10	13	332
	1203	50	66	1319
17:00	351	7	11	369
17:15	353	5	11	369
17:30	339	5	10	354
17:45	300	7	5	312
	1343	24	37	1404
18:00	272	8	8	288
18:15	260	4	7	271
18:30	251	2	8	261
18:45	203	4	9	216
	986	18	32	1036
19:00	200	2	6	208
19:15	209	1	4	214
19:30	151	3	5	159
19:45	137	1	8	146
	697	7	23	727
20:00	119	1	10	130
20:15	122	1	6	129
20:30	128	0	4	132
20:45	90	1	4	95
	459	3	24	486
21:00	86	1	8	95
21:15	86	0	4	90
21:30	90	0	3	93
21:45	54	0	6	60
	316	1	21	338
22:00	65	2	4	71
22:15	61	0	4	65
22:30	49	1	4	54
22:45	45	1	2	48
	220	4	14	238
23:00	36	0	1	37
23:15	24	0	1	25
23:30	25	0	3	28
23:45	24	0	0	24
	109	0	5	114
Total	9479	287	664	10430
Percent	90.9%	2.8%	6.4%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	30	0	4	34
00:15	27	1	2	30
00:30	21	0	0	21
00:45	13	1	1	15
	91	2	7	100
01:00	15	0	4	19
01:15	11	0	5	16
01:30	14	0	4	18
01:45	20	0	4	24
	60	0	17	77
02:00	11	1	4	16
02:15	23	3	3	29
02:30	13	1	8	22
02:45	19	0	3	22
	66	5	18	89
03:00	16	1	2	19
03:15	51	0	13	64
03:30	63	0	6	69
03:45	63	1	8	72
	193	2	29	224
04:00	74	4	3	81
04:15	124	0	5	129
04:30	196	1	7	204
04:45	195	0	8	203
	589	5	23	617
05:00	225	1	8	234
05:15	349	3	13	365
05:30	464	5	12	481
05:45	360	6	9	375
	1398	15	42	1455
06:00	413	7	25	445
06:15	537	8	22	567
06:30	551	7	13	571
06:45	500	7	14	521
	2001	29	74	2104
07:00	504	7	15	526
07:15	501	5	18	524
07:30	495	9	17	521
07:45	474	10	18	502
	1974	31	68	2073
08:00	429	18	19	466
08:15	401	9	27	437
08:30	319	14	25	358
08:45	281	8	23	312
	1430	49	94	1573
09:00	313	13	18	344
09:15	299	13	21	333
09:30	280	10	27	317
09:45	259	9	44	312
	1151	45	110	1306
10:00	258	17	34	309
10:15	263	9	22	294
10:30	253	7	29	289
10:45	286	13	30	329
	1060	46	115	1221
11:00	226	15	29	270
11:15	273	7	22	302
11:30	313	16	20	349
11:45	222	15	22	259
	1034	53	93	1180
Total	11047	282	690	12019
Percent	91.9%	2.3%	5.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 5
Station ID: 5
AUGUSTA ROAD SOUTH OF LAKESIDE BLVD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	274	12	35	321
12:15	306	16	31	353
12:30	263	11	18	292
12:45	221	8	31	260
	1064	47	115	1226
13:00	267	13	39	319
13:15	284	20	32	336
13:30	237	8	32	277
13:45	245	12	22	279
	1033	53	125	1211
14:00	288	14	33	335
14:15	285	21	24	330
14:30	291	11	24	326
14:45	242	15	18	275
	1106	61	99	1266
15:00	275	24	26	325
15:15	270	15	16	301
15:30	303	17	16	336
15:45	305	14	13	332
	1153	70	71	1294
16:00	272	13	16	301
16:15	320	7	14	341
16:30	298	5	20	323
16:45	281	4	11	296
	1171	29	61	1261
17:00	350	11	18	379
17:15	369	14	7	390
17:30	340	7	10	357
17:45	309	11	10	330
	1368	43	45	1456
18:00	307	9	10	326
18:15	266	11	8	285
18:30	227	3	11	241
18:45	198	2	6	206
	998	25	35	1058
19:00	191	4	5	200
19:15	208	1	13	222
19:30	198	4	8	210
19:45	144	2	3	149
	741	11	29	781
20:00	130	0	7	137
20:15	132	4	3	139
20:30	136	0	4	140
20:45	95	1	8	104
	493	5	22	520
21:00	100	1	3	104
21:15	81	3	5	89
21:30	95	2	4	101
21:45	59	2	3	64
	335	8	15	358
22:00	68	0	4	72
22:15	65	1	4	70
22:30	62	0	3	65
22:45	49	1	1	51
	244	2	12	258
23:00	38	1	4	43
23:15	34	0	4	38
23:30	32	0	2	34
23:45	19	1	4	24
	123	2	14	139
Total	9829	356	643	10828
Percent	90.8%	3.3%	5.9%	100.0%
Grand Total	41483	1191	2695	45369
Percent	91.4%	2.6%	5.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	6	0	0	6
00:15	2	0	0	2
00:30	3	0	0	3
00:45	2	0	0	2
	13	0	0	13
01:00	1	0	0	1
01:15	6	0	0	6
01:30	0	0	0	0
01:45	1	0	0	1
	8	0	0	8
02:00	2	0	0	2
02:15	0	0	0	0
02:30	0	0	0	0
02:45	1	0	0	1
	3	0	0	3
03:00	1	0	0	1
03:15	0	0	0	0
03:30	0	0	0	0
03:45	3	0	0	3
	4	0	0	4
04:00	0	0	0	0
04:15	0	0	0	0
04:30	0	0	0	0
04:45	1	0	0	1
	1	0	0	1
05:00	0	0	0	0
05:15	2	0	0	2
05:30	4	1	0	5
05:45	2	0	0	2
	8	1	0	9
06:00	6	0	0	6
06:15	8	0	0	8
06:30	11	0	0	11
06:45	14	0	0	14
	39	0	0	39
07:00	19	2	0	21
07:15	9	0	0	9
07:30	19	1	0	20
07:45	19	0	0	19
	66	3	0	69
08:00	13	1	0	14
08:15	10	1	0	11
08:30	13	1	1	15
08:45	11	0	0	11
	47	3	1	51
09:00	18	1	0	19
09:15	15	1	0	16
09:30	14	1	0	15
09:45	13	0	1	14
	60	3	1	64
10:00	15	0	0	15
10:15	13	0	0	13
10:30	17	0	1	18
10:45	15	1	0	16
	60	1	1	62
11:00	21	2	1	24
11:15	20	1	0	21
11:30	25	0	0	25
11:45	17	1	0	18
	83	4	1	88
Total	392	15	4	411
Percent	95.4%	3.6%	1.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	29	1	0	30
12:15	22	3	0	25
12:30	26	0	0	26
12:45	25	1	0	26
	102	5	0	107
13:00	28	1	0	29
13:15	19	0	1	20
13:30	19	4	1	24
13:45	15	3	0	18
	81	8	2	91
14:00	20	0	0	20
14:15	29	0	0	29
14:30	19	0	0	19
14:45	23	0	0	23
	91	0	0	91
15:00	27	1	0	28
15:15	34	2	0	36
15:30	37	1	0	38
15:45	28	0	0	28
	126	4	0	130
16:00	28	0	0	28
16:15	33	0	0	33
16:30	39	3	0	42
16:45	37	0	0	37
	137	3	0	140
17:00	35	0	0	35
17:15	36	0	0	36
17:30	32	0	0	32
17:45	40	0	0	40
	143	0	0	143
18:00	46	2	0	48
18:15	47	0	0	47
18:30	37	0	0	37
18:45	30	0	0	30
	160	2	0	162
19:00	34	0	0	34
19:15	30	0	0	30
19:30	26	0	0	26
19:45	33	0	0	33
	123	0	0	123
20:00	22	0	0	22
20:15	22	0	0	22
20:30	18	0	0	18
20:45	22	0	0	22
	84	0	0	84
21:00	13	0	0	13
21:15	18	0	0	18
21:30	18	0	0	18
21:45	9	0	0	9
	58	0	0	58
22:00	14	0	0	14
22:15	12	0	0	12
22:30	10	0	0	10
22:45	10	0	0	10
	46	0	0	46
23:00	7	0	0	7
23:15	5	0	0	5
23:30	5	0	0	5
23:45	3	0	0	3
	20	0	0	20
Total	1171	22	2	1195
Percent	98.0%	1.8%	0.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	4	0	0	4
00:15	4	0	0	4
00:30	6	0	0	6
00:45	0	0	0	0
	14	0	0	14
01:00	2	0	0	2
01:15	1	0	0	1
01:30	1	1	0	2
01:45	1	0	0	1
	5	1	0	6
02:00	0	0	0	0
02:15	0	0	0	0
02:30	2	0	0	2
02:45	1	0	0	1
	3	0	0	3
03:00	0	0	0	0
03:15	3	0	0	3
03:30	2	0	0	2
03:45	1	0	0	1
	6	0	0	6
04:00	3	0	0	3
04:15	1	0	0	1
04:30	0	0	0	0
04:45	0	0	0	0
	4	0	0	4
05:00	0	0	0	0
05:15	1	0	0	1
05:30	4	0	0	4
05:45	5	0	0	5
	10	0	0	10
06:00	5	0	0	5
06:15	5	0	0	5
06:30	10	0	0	10
06:45	16	0	0	16
	36	0	0	36
07:00	19	2	0	21
07:15	11	1	0	12
07:30	11	0	0	11
07:45	17	0	0	17
	58	3	0	61
08:00	7	1	0	8
08:15	17	1	0	18
08:30	9	0	0	9
08:45	18	0	0	18
	51	2	0	53
09:00	16	2	0	18
09:15	14	0	0	14
09:30	19	3	2	24
09:45	16	0	2	18
	65	5	4	74
10:00	22	1	0	23
10:15	20	0	1	21
10:30	16	1	0	17
10:45	12	0	0	12
	70	2	1	73
11:00	25	0	0	25
11:15	23	2	0	25
11:30	26	1	2	29
11:45	21	1	1	23
	95	4	3	102
Total	417	17	8	442
Percent	94.3%	3.8%	1.8%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	31	1	0	32
12:15	22	1	0	23
12:30	12	2	1	15
12:45	16	2	0	18
	81	6	1	88
13:00	17	0	0	17
13:15	23	2	0	25
13:30	15	1	0	16
13:45	18	2	1	21
	73	5	1	79
14:00	26	1	1	28
14:15	30	0	0	30
14:30	24	0	2	26
14:45	20	0	2	22
	100	1	5	106
15:00	28	0	0	28
15:15	30	1	0	31
15:30	24	1	0	25
15:45	32	1	0	33
	114	3	0	117
16:00	40	0	0	40
16:15	21	0	0	21
16:30	39	1	0	40
16:45	34	1	0	35
	134	2	0	136
17:00	47	0	0	47
17:15	51	0	0	51
17:30	30	0	0	30
17:45	35	0	0	35
	163	0	0	163
18:00	40	0	0	40
18:15	52	0	0	52
18:30	28	0	1	29
18:45	36	0	0	36
	156	0	1	157
19:00	35	0	0	35
19:15	26	1	0	27
19:30	26	0	0	26
19:45	26	0	0	26
	113	1	0	114
20:00	23	0	0	23
20:15	22	0	0	22
20:30	27	0	0	27
20:45	19	0	0	19
	91	0	0	91
21:00	22	0	0	22
21:15	20	0	0	20
21:30	17	0	0	17
21:45	10	0	0	10
	69	0	0	69
22:00	11	0	0	11
22:15	14	0	0	14
22:30	6	0	0	6
22:45	7	0	0	7
	38	0	0	38
23:00	9	0	0	9
23:15	7	0	0	7
23:30	5	0	0	5
23:45	3	0	0	3
	24	0	0	24
Total	1156	18	8	1182
Percent	97.8%	1.5%	0.7%	100.0%
Grand Total	3136	72	22	3230
Percent	97.1%	2.2%	0.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	2	0	0	2
00:15	2	0	0	2
00:30	2	0	0	2
00:45	1	0	0	1
	7	0	0	7
01:00	0	0	0	0
01:15	2	0	0	2
01:30	0	0	0	0
01:45	0	0	0	0
	2	0	0	2
02:00	1	0	0	1
02:15	2	0	0	2
02:30	3	0	0	3
02:45	0	0	0	0
	6	0	0	6
03:00	2	0	1	3
03:15	0	0	0	0
03:30	3	0	0	3
03:45	5	0	0	5
	10	0	1	11
04:00	2	0	0	2
04:15	4	0	0	4
04:30	7	0	0	7
04:45	11	0	0	11
	24	0	0	24
05:00	6	0	0	6
05:15	10	0	0	10
05:30	24	0	0	24
05:45	16	1	0	17
	56	1	0	57
06:00	14	0	0	14
06:15	18	0	1	19
06:30	36	0	0	36
06:45	28	0	0	28
	96	0	1	97
07:00	30	0	0	30
07:15	37	0	1	38
07:30	26	0	0	26
07:45	39	0	0	39
	132	0	1	133
08:00	25	1	0	26
08:15	24	1	0	25
08:30	22	0	0	22
08:45	23	1	0	24
	94	3	0	97
09:00	16	0	0	16
09:15	23	1	0	24
09:30	21	1	0	22
09:45	19	0	1	20
	79	2	1	82
10:00	16	0	1	17
10:15	19	0	0	19
10:30	20	0	0	20
10:45	24	0	0	24
	79	0	1	80
11:00	19	2	0	21
11:15	26	2	0	28
11:30	26	0	0	26
11:45	30	0	0	30
	101	4	0	105
Total	686	10	5	701
Percent	97.9%	1.4%	0.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	22	1	0	23
12:15	26	0	0	26
12:30	23	0	0	23
12:45	27	1	0	28
	98	2	0	100
13:00	31	3	0	34
13:15	24	0	0	24
13:30	25	0	0	25
13:45	30	0	0	30
	110	3	0	113
14:00	25	0	0	25
14:15	20	0	0	20
14:30	23	0	0	23
14:45	28	0	0	28
	96	0	0	96
15:00	24	1	0	25
15:15	25	0	0	25
15:30	23	0	0	23
15:45	23	0	0	23
	95	1	0	96
16:00	25	0	0	25
16:15	19	0	0	19
16:30	32	0	0	32
16:45	19	1	0	20
	95	1	0	96
17:00	19	1	0	20
17:15	18	1	0	19
17:30	25	0	0	25
17:45	32	0	0	32
	94	2	0	96
18:00	29	0	0	29
18:15	35	0	0	35
18:30	31	1	0	32
18:45	35	0	0	35
	130	1	0	131
19:00	30	0	0	30
19:15	20	0	0	20
19:30	32	0	0	32
19:45	17	0	0	17
	99	0	0	99
20:00	11	0	0	11
20:15	9	0	0	9
20:30	20	0	0	20
20:45	6	0	0	6
	46	0	0	46
21:00	15	0	0	15
21:15	7	0	0	7
21:30	11	0	0	11
21:45	13	0	0	13
	46	0	0	46
22:00	12	0	0	12
22:15	9	0	0	9
22:30	5	0	0	5
22:45	6	0	0	6
	32	0	0	32
23:00	4	0	0	4
23:15	6	0	0	6
23:30	3	0	0	3
23:45	1	0	0	1
	14	0	0	14
Total	955	10	0	965
Percent	99.0%	1.0%	0.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	2	0	0	2
00:15	0	0	0	0
00:30	3	0	0	3
00:45	0	0	0	0
	5	0	0	5
01:00	0	0	0	0
01:15	0	0	0	0
01:30	2	0	0	2
01:45	1	0	0	1
	3	0	0	3
02:00	1	0	0	1
02:15	2	0	0	2
02:30	1	0	0	1
02:45	3	0	0	3
	7	0	0	7
03:00	0	0	0	0
03:15	1	0	0	1
03:30	4	0	0	4
03:45	3	0	0	3
	8	0	0	8
04:00	1	0	0	1
04:15	6	0	0	6
04:30	4	0	0	4
04:45	8	0	1	9
	19	0	1	20
05:00	6	0	0	6
05:15	10	0	0	10
05:30	20	0	0	20
05:45	18	0	0	18
	54	0	0	54
06:00	16	0	0	16
06:15	25	0	0	25
06:30	21	0	0	21
06:45	32	0	0	32
	94	0	0	94
07:00	30	0	0	30
07:15	29	0	1	30
07:30	43	0	0	43
07:45	40	1	0	41
	142	1	1	144
08:00	26	1	0	27
08:15	23	0	0	23
08:30	20	0	0	20
08:45	27	0	0	27
	96	1	0	97
09:00	32	0	0	32
09:15	22	0	0	22
09:30	27	0	0	27
09:45	24	0	1	25
	105	0	1	106
10:00	20	0	0	20
10:15	19	0	0	19
10:30	23	1	1	25
10:45	14	0	0	14
	76	1	1	78
11:00	24	0	0	24
11:15	28	0	0	28
11:30	26	0	0	26
11:45	25	3	1	29
	103	3	1	107
Total	712	6	5	723
Percent	98.5%	0.8%	0.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 6
Station ID: 6
LAKESIDE BLVD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	23	0	0	23
12:15	28	1	1	30
12:30	31	2	0	33
12:45	21	0	1	22
	103	3	2	108
13:00	33	1	0	34
13:15	25	1	0	26
13:30	15	0	1	16
13:45	31	2	0	33
	104	4	1	109
14:00	25	0	0	25
14:15	32	0	0	32
14:30	23	0	0	23
14:45	20	0	0	20
	100	0	0	100
15:00	28	1	0	29
15:15	28	1	0	29
15:30	28	0	0	28
15:45	20	2	0	22
	104	4	0	108
16:00	23	0	0	23
16:15	21	0	0	21
16:30	12	0	0	12
16:45	26	0	0	26
	82	0	0	82
17:00	19	1	0	20
17:15	25	0	0	25
17:30	29	0	0	29
17:45	34	0	0	34
	107	1	0	108
18:00	27	0	0	27
18:15	24	0	0	24
18:30	26	0	0	26
18:45	23	0	0	23
	100	0	0	100
19:00	22	0	0	22
19:15	27	0	0	27
19:30	22	0	0	22
19:45	19	0	0	19
	90	0	0	90
20:00	23	0	0	23
20:15	15	0	0	15
20:30	29	0	0	29
20:45	9	0	0	9
	76	0	0	76
21:00	10	0	0	10
21:15	9	0	0	9
21:30	15	0	0	15
21:45	8	0	0	8
	42	0	0	42
22:00	14	0	0	14
22:15	9	0	0	9
22:30	7	0	0	7
22:45	4	0	0	4
	34	0	0	34
23:00	8	0	0	8
23:15	2	0	0	2
23:30	4	0	0	4
23:45	2	0	0	2
	16	0	0	16
Total	958	12	3	973
Percent	98.5%	1.2%	0.3%	100.0%
Grand Total	3311	38	13	3362
Percent	98.5%	1.1%	0.4%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	40	2	4	46
00:15	42	0	1	43
00:30	35	0	2	37
00:45	33	2	1	36
	150	4	8	162
01:00	30	0	2	32
01:15	22	0	1	23
01:30	31	3	2	36
01:45	29	0	6	35
	112	3	11	126
02:00	18	0	3	21
02:15	31	0	2	33
02:30	24	0	1	25
02:45	33	0	4	37
	106	0	10	116
03:00	15	0	4	19
03:15	20	0	5	25
03:30	22	1	4	27
03:45	24	2	4	30
	81	3	17	101
04:00	21	1	8	30
04:15	35	0	6	41
04:30	29	1	6	36
04:45	37	3	5	45
	122	5	25	152
05:00	32	1	8	41
05:15	48	3	6	57
05:30	78	0	13	91
05:45	119	5	9	133
	277	9	36	322
06:00	140	8	11	159
06:15	188	9	9	206
06:30	218	3	11	232
06:45	239	12	16	267
	785	32	47	864
07:00	193	11	24	228
07:15	216	9	23	248
07:30	224	9	28	261
07:45	226	11	43	280
	859	40	118	1017
08:00	173	15	22	210
08:15	194	14	30	238
08:30	168	11	30	209
08:45	170	12	24	206
	705	52	106	863
09:00	144	16	31	191
09:15	164	27	41	232
09:30	171	9	32	212
09:45	184	10	41	235
	663	62	145	870
10:00	165	16	27	208
10:15	188	12	30	230
10:30	225	8	25	258
10:45	208	10	43	261
	786	46	125	957
11:00	215	13	30	258
11:15	234	14	16	264
11:30	180	8	28	216
11:45	242	13	28	283
	871	48	102	1021
Total	5517	304	750	6571
Percent	84.0%	4.6%	11.4%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	246	7	26	279
12:15	172	11	24	207
12:30	265	19	36	320
12:45	280	11	35	326
	963	48	121	1132
13:00	249	10	29	288
13:15	240	7	28	275
13:30	269	13	20	302
13:45	271	11	20	302
	1029	41	97	1167
14:00	247	6	24	277
14:15	315	11	37	363
14:30	322	14	25	361
14:45	398	11	19	428
	1282	42	105	1429
15:00	384	10	23	417
15:15	422	15	30	467
15:30	434	14	23	471
15:45	527	16	22	565
	1767	55	98	1920
16:00	494	12	20	526
16:15	526	11	17	554
16:30	538	8	22	568
16:45	552	3	10	565
	2110	34	69	2213
17:00	584	2	13	599
17:15	557	8	7	572
17:30	539	2	7	548
17:45	601	2	12	615
	2281	14	39	2334
18:00	514	11	8	533
18:15	507	7	8	522
18:30	445	4	9	458
18:45	263	2	2	267
	1729	24	27	1780
19:00	301	1	6	308
19:15	279	1	5	285
19:30	258	0	1	259
19:45	247	1	7	255
	1085	3	19	1107
20:00	185	3	5	193
20:15	190	1	1	192
20:30	154	0	2	156
20:45	154	0	7	161
	683	4	15	702
21:00	118	1	4	123
21:15	127	1	3	131
21:30	109	0	2	111
21:45	87	1	2	90
	441	3	11	455
22:00	114	2	2	118
22:15	86	0	4	90
22:30	79	0	2	81
22:45	81	2	4	87
	360	4	12	376
23:00	71	0	1	72
23:15	70	0	0	70
23:30	54	0	2	56
23:45	55	0	5	60
	250	0	8	258
Total	13980	272	621	14873
Percent	94.0%	1.8%	4.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	39	0	1	40
00:15	44	0	2	46
00:30	37	1	0	38
00:45	31	0	3	34
	151	1	6	158
01:00	32	0	4	36
01:15	19	2	1	22
01:30	40	1	4	45
01:45	31	0	6	37
	122	3	15	140
02:00	29	2	1	32
02:15	22	1	1	24
02:30	26	0	1	27
02:45	27	0	3	30
	104	3	6	113
03:00	18	0	2	20
03:15	26	2	4	32
03:30	21	1	2	24
03:45	19	1	9	29
	84	4	17	105
04:00	27	0	4	31
04:15	21	1	6	28
04:30	36	3	1	40
04:45	39	3	10	52
	123	7	21	151
05:00	30	3	7	40
05:15	49	4	11	64
05:30	100	3	5	108
05:45	116	5	10	131
	295	15	33	343
06:00	134	3	13	150
06:15	192	4	14	210
06:30	238	11	11	260
06:45	223	13	15	251
	787	31	53	871
07:00	200	11	21	232
07:15	226	12	30	268
07:30	215	23	25	263
07:45	241	4	33	278
	882	50	109	1041
08:00	190	9	23	222
08:15	176	12	28	216
08:30	176	7	26	209
08:45	180	10	23	213
	722	38	100	860
09:00	169	14	35	218
09:15	162	15	22	199
09:30	173	12	30	215
09:45	196	15	26	237
	700	56	113	869
10:00	200	13	27	240
10:15	198	12	36	246
10:30	185	20	26	231
10:45	198	13	18	229
	781	58	107	946
11:00	182	8	28	218
11:15	248	19	47	314
11:30	244	14	40	298
11:45	232	5	36	273
	906	46	151	1103
Total	5657	312	731	6700
Percent	84.4%	4.7%	10.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	205	11	39	255
12:15	243	14	23	280
12:30	249	7	30	286
12:45	224	12	23	259
	921	44	115	1080
13:00	253	15	25	293
13:15	232	12	16	260
13:30	281	10	24	315
13:45	261	16	30	307
	1027	53	95	1175
14:00	278	12	24	314
14:15	322	20	29	371
14:30	329	9	18	356
14:45	419	19	21	459
	1348	60	92	1500
15:00	360	9	17	386
15:15	439	19	23	481
15:30	451	18	29	498
15:45	542	16	18	576
	1792	62	87	1941
16:00	539	8	13	560
16:15	495	11	19	525
16:30	539	13	20	572
16:45	539	13	7	559
	2112	45	59	2216
17:00	587	6	8	601
17:15	554	6	9	569
17:30	485	6	12	503
17:45	562	5	4	571
	2188	23	33	2244
18:00	528	3	10	541
18:15	462	2	7	471
18:30	432	4	7	443
18:45	368	5	2	375
	1790	14	26	1830
19:00	277	0	6	283
19:15	287	4	2	293
19:30	250	1	9	260
19:45	265	2	7	274
	1079	7	24	1110
20:00	200	1	4	205
20:15	211	1	1	213
20:30	170	0	4	174
20:45	171	1	7	179
	752	3	16	771
21:00	146	0	4	150
21:15	154	1	5	160
21:30	121	1	1	123
21:45	106	2	2	110
	527	4	12	543
22:00	110	1	4	115
22:15	96	2	2	100
22:30	74	0	1	75
22:45	67	1	4	72
	347	4	11	362
23:00	82	0	0	82
23:15	82	0	1	83
23:30	61	2	0	63
23:45	56	0	4	60
	281	2	5	288
Total	14164	321	575	15060
Percent	94.1%	2.1%	3.8%	100.0%
Grand Total	39318	1209	2677	43204
Percent	91.0%	2.8%	6.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	29	0	7	36
00:15	44	0	0	44
00:30	27	1	2	30
00:45	19	1	6	26
	119	2	15	136
01:00	16	0	0	16
01:15	15	2	4	21
01:30	6	2	1	9
01:45	14	0	1	15
	51	4	6	61
02:00	8	1	3	12
02:15	23	0	3	26
02:30	14	3	3	20
02:45	13	1	4	18
	58	5	13	76
03:00	18	1	5	24
03:15	38	2	7	47
03:30	68	2	2	72
03:45	57	0	5	62
	181	5	19	205
04:00	76	1	3	80
04:15	126	1	7	134
04:30	189	0	5	194
04:45	193	1	10	204
	584	3	25	612
05:00	224	2	10	236
05:15	337	0	8	345
05:30	475	5	9	489
05:45	376	5	16	397
	1412	12	43	1467
06:00	411	4	25	440
06:15	518	7	14	539
06:30	545	9	10	564
06:45	498	10	11	519
	1972	30	60	2062
07:00	545	7	15	567
07:15	502	6	17	525
07:30	487	11	10	508
07:45	487	8	20	515
	2021	32	62	2115
08:00	439	12	28	479
08:15	422	15	29	466
08:30	398	10	34	442
08:45	299	7	27	333
	1558	44	118	1720
09:00	229	13	28	270
09:15	319	8	17	344
09:30	257	13	38	308
09:45	262	10	24	296
	1067	44	107	1218
10:00	255	12	26	293
10:15	282	12	26	320
10:30	262	15	28	305
10:45	241	11	21	273
	1040	50	101	1191
11:00	209	8	38	255
11:15	267	12	29	308
11:30	268	12	31	311
11:45	262	7	39	308
	1006	39	137	1182
Total	11069	270	706	12045
Percent	91.9%	2.2%	5.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	241	16	31	288
12:15	250	11	24	285
12:30	269	4	33	306
12:45	234	9	21	264
	994	40	109	1143
13:00	264	15	29	308
13:15	248	14	31	293
13:30	272	13	38	323
13:45	259	16	30	305
	1043	58	128	1229
14:00	250	11	34	295
14:15	264	10	39	313
14:30	279	13	24	316
14:45	250	16	30	296
	1043	50	127	1220
15:00	251	8	30	289
15:15	298	13	23	334
15:30	290	3	25	318
15:45	295	10	21	326
	1134	34	99	1267
16:00	271	12	23	306
16:15	327	14	16	357
16:30	330	15	18	363
16:45	294	8	14	316
	1222	49	71	1342
17:00	364	11	12	387
17:15	348	4	13	365
17:30	362	7	11	380
17:45	308	8	5	321
	1382	30	41	1453
18:00	260	3	8	271
18:15	284	6	7	297
18:30	253	2	9	264
18:45	196	5	10	211
	993	16	34	1043
19:00	201	4	7	212
19:15	212	1	5	218
19:30	162	2	6	170
19:45	153	0	7	160
	728	7	25	760
20:00	97	1	8	106
20:15	127	2	6	135
20:30	118	0	5	123
20:45	96	0	5	101
	438	3	24	465
21:00	94	1	7	102
21:15	81	0	4	85
21:30	81	0	3	84
21:45	56	0	5	61
	312	1	19	332
22:00	65	2	4	71
22:15	63	0	4	67
22:30	49	0	4	53
22:45	47	1	2	50
	224	3	14	241
23:00	39	0	0	39
23:15	22	0	3	25
23:30	27	0	1	28
23:45	23	0	2	25
	111	0	6	117
Total	9624	291	697	10612
Percent	90.7%	2.7%	6.6%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	25	0	3	28
00:15	26	1	2	29
00:30	26	0	1	27
00:45	15	1	2	18
	92	2	8	102
01:00	18	0	3	21
01:15	12	0	6	18
01:30	19	0	4	23
01:45	21	0	4	25
	70	0	17	87
02:00	9	1	4	14
02:15	20	2	3	25
02:30	14	2	7	23
02:45	23	1	3	27
	66	6	17	89
03:00	15	0	2	17
03:15	45	2	9	56
03:30	63	0	6	69
03:45	71	1	8	80
	194	3	25	222
04:00	60	4	5	69
04:15	121	0	5	126
04:30	183	1	5	189
04:45	182	0	10	192
	546	5	25	576
05:00	228	1	7	236
05:15	309	3	14	326
05:30	454	4	7	465
05:45	364	4	12	380
	1355	12	40	1407
06:00	366	8	23	397
06:15	498	6	23	527
06:30	534	4	9	547
06:45	484	9	14	507
	1882	27	69	1978
07:00	490	6	14	510
07:15	491	3	23	517
07:30	460	9	18	487
07:45	481	9	13	503
	1922	27	68	2017
08:00	446	17	21	484
08:15	433	12	27	472
08:30	396	15	29	440
08:45	296	8	22	326
	1571	52	99	1722
09:00	294	13	19	326
09:15	287	15	20	322
09:30	280	12	26	318
09:45	267	9	43	319
	1128	49	108	1285
10:00	246	19	33	298
10:15	271	9	20	300
10:30	231	8	31	270
10:45	283	11	28	322
	1031	47	112	1190
11:00	226	16	26	268
11:15	280	10	24	314
11:30	276	12	19	307
11:45	222	13	20	255
	1004	51	89	1144
Total	10861	281	677	11819
Percent	91.9%	2.4%	5.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 7
Station ID: 7
AUGUSTA ROAD NORTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	268	12	37	317
12:15	259	16	25	300
12:30	301	13	28	342
12:45	208	8	28	244
	1036	49	118	1203
13:00	256	18	36	310
13:15	247	14	31	292
13:30	257	11	33	301
13:45	264	11	27	302
	1024	54	127	1205
14:00	263	17	27	307
14:15	289	21	28	338
14:30	269	14	18	301
14:45	253	15	21	289
	1074	67	94	1235
15:00	273	26	31	330
15:15	238	13	11	262
15:30	302	16	23	341
15:45	304	14	15	333
	1117	69	80	1266
16:00	274	16	15	305
16:15	287	7	16	310
16:30	307	4	17	328
16:45	290	5	11	306
	1158	32	59	1249
17:00	310	11	20	341
17:15	357	15	11	383
17:30	348	6	10	364
17:45	322	9	9	340
	1337	41	50	1428
18:00	269	9	10	288
18:15	271	14	7	292
18:30	238	3	11	252
18:45	192	3	4	199
	970	29	32	1031
19:00	194	4	7	205
19:15	200	2	13	215
19:30	189	4	7	200
19:45	123	3	4	130
	706	13	31	750
20:00	141	0	4	145
20:15	141	4	5	150
20:30	129	0	2	131
20:45	96	1	6	103
	507	5	17	529
21:00	94	0	4	98
21:15	89	3	5	97
21:30	89	1	3	93
21:45	57	2	5	64
	329	6	17	352
22:00	73	0	2	75
22:15	71	0	7	78
22:30	60	1	3	64
22:45	48	0	1	49
	252	1	13	266
23:00	39	1	5	45
23:15	44	0	5	49
23:30	35	0	1	36
23:45	19	1	4	24
	137	2	15	154
Total	9647	368	653	10668
Percent	90.4%	3.4%	6.1%	100.0%
Grand Total	41201	1210	2733	45144
Percent	91.3%	2.7%	6.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	45	2	4	51
00:15	48	0	1	49
00:30	40	0	2	42
00:45	36	2	1	39
	169	4	8	181
01:00	37	0	2	39
01:15	26	0	1	27
01:30	39	3	2	44
01:45	40	1	6	47
	142	4	11	157
02:00	21	0	3	24
02:15	37	0	2	39
02:30	31	0	1	32
02:45	38	0	4	42
	127	0	10	137
03:00	20	0	4	24
03:15	26	0	5	31
03:30	21	1	4	26
03:45	26	2	4	32
	93	3	17	113
04:00	22	1	8	31
04:15	37	0	6	43
04:30	26	1	6	33
04:45	37	3	5	45
	122	5	25	152
05:00	33	1	8	42
05:15	43	4	9	56
05:30	83	2	13	98
05:45	104	6	10	120
	263	13	40	316
06:00	147	8	12	167
06:15	182	10	9	201
06:30	213	6	11	230
06:45	237	15	17	269
	779	39	49	867
07:00	185	13	26	224
07:15	227	11	23	261
07:30	237	16	28	281
07:45	222	14	45	281
	871	54	122	1047
08:00	191	15	23	229
08:15	205	19	31	255
08:30	166	16	32	214
08:45	188	20	26	234
	750	70	112	932
09:00	158	24	29	211
09:15	175	28	41	244
09:30	174	9	35	218
09:45	187	14	42	243
	694	75	147	916
10:00	170	21	28	219
10:15	196	16	32	244
10:30	218	11	25	254
10:45	222	18	48	288
	806	66	133	1005
11:00	253	18	31	302
11:15	310	21	19	350
11:30	226	9	28	263
11:45	270	13	31	314
	1059	61	109	1229
Total	5875	394	783	7052
Percent	83.3%	5.6%	11.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	264	15	26	305
12:15	198	15	25	238
12:30	297	24	41	362
12:45	310	14	35	359
	1069	68	127	1264
13:00	293	18	31	342
13:15	266	8	29	303
13:30	286	18	23	327
13:45	309	15	22	346
	1154	59	105	1318
14:00	264	11	26	301
14:15	353	15	38	406
14:30	354	21	26	401
14:45	454	18	20	492
	1425	65	110	1600
15:00	427	13	25	465
15:15	490	18	31	539
15:30	516	13	24	553
15:45	672	17	25	714
	2105	61	105	2271
16:00	631	13	22	666
16:15	620	10	19	649
16:30	646	9	22	677
16:45	656	5	11	672
	2553	37	74	2664
17:00	708	5	14	727
17:15	680	11	8	699
17:30	650	5	7	662
17:45	717	3	13	733
	2755	24	42	2821
18:00	605	13	10	628
18:15	587	10	8	605
18:30	528	5	10	543
18:45	329	3	2	334
	2049	31	30	2110
19:00	356	1	7	364
19:15	339	2	6	347
19:30	336	0	1	337
19:45	306	2	7	315
	1337	5	21	1363
20:00	213	3	5	221
20:15	221	1	1	223
20:30	178	1	2	181
20:45	193	1	7	201
	805	6	15	826
21:00	143	1	3	147
21:15	152	1	3	156
21:30	122	0	4	126
21:45	117	1	2	120
	534	3	12	549
22:00	115	2	2	119
22:15	109	0	4	113
22:30	84	0	2	86
22:45	86	2	5	93
	394	4	13	411
23:00	87	0	1	88
23:15	74	0	0	74
23:30	77	0	2	79
23:45	66	0	5	71
	304	0	8	312
Total	16484	363	662	17509
Percent	94.1%	2.1%	3.8%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	44	0	1	45
00:15	51	0	2	53
00:30	46	1	1	48
00:45	40	0	3	43
	181	1	7	189
01:00	31	0	4	35
01:15	28	2	1	31
01:30	41	1	4	46
01:45	44	0	6	50
	144	3	15	162
02:00	34	2	1	37
02:15	25	1	1	27
02:30	28	0	1	29
02:45	35	0	3	38
	122	3	6	131
03:00	15	0	2	17
03:15	26	2	4	32
03:30	24	1	2	27
03:45	21	2	10	33
	86	5	18	109
04:00	30	0	4	34
04:15	21	2	6	29
04:30	35	3	1	39
04:45	38	4	12	54
	124	9	23	156
05:00	26	2	8	36
05:15	50	6	11	67
05:30	95	4	5	104
05:45	113	7	10	130
	284	19	34	337
06:00	135	5	14	154
06:15	189	6	14	209
06:30	227	12	11	250
06:45	214	17	16	247
	765	40	55	860
07:00	186	9	22	217
07:15	224	22	32	278
07:30	212	32	26	270
07:45	254	7	34	295
	876	70	114	1060
08:00	192	15	25	232
08:15	184	14	31	229
08:30	190	9	26	225
08:45	177	12	25	214
	743	50	107	900
09:00	178	20	37	235
09:15	161	20	24	205
09:30	190	15	32	237
09:45	192	19	26	237
	721	74	119	914
10:00	203	15	30	248
10:15	193	18	37	248
10:30	192	22	26	240
10:45	226	14	21	261
	814	69	114	997
11:00	203	13	31	247
11:15	290	22	47	359
11:30	272	13	41	326
11:45	274	9	38	321
	1039	57	157	1253
Total	5899	400	769	7068
Percent	83.5%	5.7%	10.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

NB

Start Time	Lights	Mediums	Trucks	Total
12 PM	256	16	39	311
12:15	290	13	24	327
12:30	288	9	31	328
12:45	240	16	26	282
	1074	54	120	1248
13:00	297	14	26	337
13:15	250	14	17	281
13:30	310	12	25	347
13:45	293	16	33	342
	1150	56	101	1307
14:00	310	14	23	347
14:15	355	26	31	412
14:30	362	7	21	390
14:45	489	25	21	535
	1516	72	96	1684
15:00	416	17	21	454
15:15	503	23	25	551
15:30	537	15	29	581
15:45	694	17	17	728
	2150	72	92	2314
16:00	650	9	15	674
16:15	581	12	19	612
16:30	647	13	22	682
16:45	657	12	8	677
	2535	46	64	2645
17:00	705	8	8	721
17:15	683	7	10	700
17:30	576	10	12	598
17:45	679	6	5	690
	2643	31	35	2709
18:00	656	2	11	669
18:15	511	2	8	521
18:30	532	5	7	544
18:45	407	6	3	416
	2106	15	29	2150
19:00	360	2	6	368
19:15	343	6	2	351
19:30	312	1	10	323
19:45	305	2	7	314
	1320	11	25	1356
20:00	235	0	4	239
20:15	265	1	2	268
20:30	183	0	4	187
20:45	191	1	7	199
	874	2	17	893
21:00	177	0	4	181
21:15	191	1	6	198
21:30	128	1	1	130
21:45	134	2	2	138
	630	4	13	647
22:00	117	1	4	122
22:15	120	2	2	124
22:30	92	1	2	95
22:45	79	3	5	87
	408	7	13	428
23:00	93	0	0	93
23:15	102	0	2	104
23:30	76	2	0	78
23:45	75	0	4	79
	346	2	6	354
Total	16752	372	611	17735
Percent	94.5%	2.1%	3.4%	100.0%
Grand Total	45010	1529	2825	49364
Percent	91.2%	3.1%	5.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	33	0	7	40
00:15	43	0	1	44
00:30	29	1	2	32
00:45	24	1	6	31
	129	2	16	147
01:00	19	0	1	20
01:15	17	2	4	23
01:30	10	4	1	15
01:45	19	0	1	20
	65	6	7	78
02:00	9	3	4	16
02:15	22	0	3	25
02:30	19	4	3	26
02:45	21	2	5	28
	71	9	15	95
03:00	20	1	5	26
03:15	51	2	7	60
03:30	88	2	2	92
03:45	75	0	5	80
	234	5	19	258
04:00	104	2	3	109
04:15	169	1	8	178
04:30	260	0	6	266
04:45	260	1	10	271
	793	4	27	824
05:00	298	2	12	312
05:15	430	0	10	440
05:30	612	6	10	628
05:45	498	8	17	523
	1838	16	49	1903
06:00	558	3	26	587
06:15	685	9	16	710
06:30	745	9	13	767
06:45	690	11	13	714
	2678	32	68	2778
07:00	751	7	17	775
07:15	726	11	17	754
07:30	707	13	10	730
07:45	672	10	22	704
	2856	41	66	2963
08:00	614	20	30	664
08:15	575	24	31	630
08:30	501	14	39	554
08:45	379	8	29	416
	2069	66	129	2264
09:00	279	16	29	324
09:15	375	13	19	407
09:30	308	20	40	368
09:45	311	16	24	351
	1273	65	112	1450
10:00	289	14	27	330
10:15	320	12	28	360
10:30	294	25	28	347
10:45	252	12	22	286
	1155	63	105	1323
11:00	225	10	41	276
11:15	299	14	30	343
11:30	294	17	35	346
11:45	297	10	42	349
	1115	51	148	1314
Total	14276	360	761	15397
Percent	92.7%	2.3%	4.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	271	17	30	318
12:15	289	11	26	326
12:30	299	9	33	341
12:45	259	14	23	296
	1118	51	112	1281
13:00	301	18	33	352
13:15	268	19	33	320
13:30	289	17	37	343
13:45	271	15	32	318
	1129	69	135	1333
14:00	276	17	37	330
14:15	282	11	40	333
14:30	304	18	24	346
14:45	259	20	31	310
	1121	66	132	1319
15:00	283	9	32	324
15:15	303	14	24	341
15:30	278	9	25	312
15:45	299	12	22	333
	1163	44	103	1310
16:00	279	10	25	314
16:15	327	18	16	361
16:30	320	17	18	355
16:45	301	9	14	324
	1227	54	73	1354
17:00	360	14	12	386
17:15	367	6	13	386
17:30	390	8	11	409
17:45	302	8	5	315
	1419	36	41	1496
18:00	260	5	10	275
18:15	291	7	7	305
18:30	238	2	9	249
18:45	204	5	10	219
	993	19	36	1048
19:00	214	4	7	225
19:15	222	1	6	229
19:30	187	3	8	198
19:45	139	0	7	146
	762	8	28	798
20:00	107	1	8	116
20:15	130	3	6	139
20:30	114	1	6	121
20:45	95	0	5	100
	446	5	25	476
21:00	96	2	7	105
21:15	93	0	4	97
21:30	93	0	3	96
21:45	61	0	5	66
	343	2	19	364
22:00	75	2	4	81
22:15	66	0	4	70
22:30	61	0	5	66
22:45	59	1	2	62
	261	3	15	279
23:00	43	0	0	43
23:15	27	0	3	30
23:30	32	0	1	33
23:45	26	0	2	28
	128	0	6	134
Total	10110	357	725	11192
Percent	90.3%	3.2%	6.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	31	0	3	34
00:15	30	1	2	33
00:30	31	0	1	32
00:45	20	1	2	23
	112	2	8	122
01:00	19	0	3	22
01:15	13	0	6	19
01:30	16	0	4	20
01:45	25	1	4	30
	73	1	17	91
02:00	13	2	4	19
02:15	21	2	3	26
02:30	18	2	7	27
02:45	24	1	3	28
	76	7	17	100
03:00	21	0	2	23
03:15	53	1	9	63
03:30	84	1	7	92
03:45	86	2	10	98
	244	4	28	276
04:00	84	4	7	95
04:15	161	0	7	168
04:30	265	1	7	273
04:45	252	1	11	264
	762	6	32	800
05:00	296	2	7	305
05:15	411	3	15	429
05:30	596	5	8	609
05:45	485	7	14	506
	1788	17	44	1849
06:00	497	9	23	529
06:15	660	6	25	691
06:30	742	10	11	763
06:45	659	13	21	693
	2558	38	80	2676
07:00	667	10	17	694
07:15	725	13	23	761
07:30	667	8	21	696
07:45	690	11	14	715
	2749	42	75	2866
08:00	584	25	21	630
08:15	561	17	32	610
08:30	515	21	32	568
08:45	366	11	22	399
	2026	74	107	2207
09:00	352	18	19	389
09:15	337	19	20	376
09:30	324	17	26	367
09:45	308	13	45	366
	1321	67	110	1498
10:00	278	25	35	338
10:15	307	13	22	342
10:30	246	9	33	288
10:45	309	23	32	364
	1140	70	122	1332
11:00	243	19	28	290
11:15	311	17	25	353
11:30	309	11	22	342
11:45	251	18	22	291
	1114	65	97	1276
Total	13963	393	737	15093
Percent	92.5%	2.6%	4.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 8
Station ID: 8
AUGUSTA ROAD SOUTH OF PIEDMONT AVE

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

SB

Start Time	Lights	Mediums	Trucks	Total
12 PM	301	18	39	358
12:15	296	14	25	335
12:30	327	20	28	375
12:45	261	11	28	300
	1185	63	120	1368
13:00	271	17	40	328
13:15	267	16	34	317
13:30	281	18	34	333
13:45	279	12	29	320
	1098	63	137	1298
14:00	305	16	29	350
14:15	297	24	30	351
14:30	290	17	19	326
14:45	270	15	22	307
	1162	72	100	1334
15:00	288	24	31	343
15:15	251	10	13	274
15:30	302	20	23	345
15:45	305	21	15	341
	1146	75	82	1303
16:00	284	15	17	316
16:15	298	13	18	329
16:30	315	5	16	336
16:45	302	9	11	322
	1199	42	62	1303
17:00	321	13	20	354
17:15	365	17	12	394
17:30	375	7	10	392
17:45	325	9	9	343
	1386	46	51	1483
18:00	277	9	11	297
18:15	258	15	7	280
18:30	235	2	12	249
18:45	181	4	4	189
	951	30	34	1015
19:00	190	5	6	201
19:15	201	3	13	217
19:30	180	4	7	191
19:45	133	3	4	140
	704	15	30	749
20:00	141	2	4	147
20:15	133	3	5	141
20:30	131	0	2	133
20:45	86	1	6	93
	491	6	17	514
21:00	103	0	4	107
21:15	93	3	5	101
21:30	100	2	3	105
21:45	61	2	5	68
	357	7	17	381
22:00	83	0	2	85
22:15	86	0	7	93
22:30	74	1	3	78
22:45	55	0	1	56
	298	1	13	312
23:00	51	1	5	57
23:15	50	0	5	55
23:30	34	0	1	35
23:45	20	1	4	25
	155	2	15	172
Total	10132	422	678	11232
Percent	90.2%	3.8%	6.0%	100.0%
Grand Total	48481	1532	2901	52914
Percent	91.6%	2.9%	5.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	6	0	0	6
00:15	8	0	1	9
00:30	6	0	0	6
00:45	10	0	0	10
	30	0	1	31
01:00	5	0	1	6
01:15	2	0	0	2
01:30	4	2	0	6
01:45	4	0	0	4
	15	2	1	18
02:00	2	1	0	3
02:15	1	0	0	1
02:30	8	1	0	9
02:45	7	1	1	9
	18	3	1	22
03:00	4	0	0	4
03:15	13	0	0	13
03:30	24	0	0	24
03:45	17	0	0	17
	58	0	0	58
04:00	29	1	0	30
04:15	44	0	1	45
04:30	74	0	1	75
04:45	66	0	0	66
	213	1	2	216
05:00	73	0	2	75
05:15	98	0	1	99
05:30	143	1	1	145
05:45	136	2	1	139
	450	3	5	458
06:00	155	0	1	156
06:15	185	2	2	189
06:30	216	1	3	220
06:45	228	2	1	231
	784	5	7	796
07:00	224	1	3	228
07:15	252	8	1	261
07:30	263	3	0	266
07:45	239	4	2	245
	978	16	6	1000
08:00	201	9	0	210
08:15	187	7	3	197
08:30	157	4	4	165
08:45	111	4	2	117
	656	24	9	689
09:00	99	3	2	104
09:15	100	3	2	105
09:30	102	9	2	113
09:45	109	5	0	114
	410	20	6	436
10:00	96	1	1	98
10:15	99	0	1	100
10:30	91	9	0	100
10:45	80	3	1	84
	366	13	3	382
11:00	89	2	2	93
11:15	83	2	1	86
11:30	95	6	4	105
11:45	77	5	3	85
	344	15	10	369
Total	4322	102	51	4475
Percent	96.6%	2.3%	1.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	97	3	1	101
12:15	95	2	3	100
12:30	87	5	0	92
12:45	83	8	2	93
	362	18	6	386
13:00	77	4	4	85
13:15	83	6	1	90
13:30	95	5	0	100
13:45	90	6	3	99
	345	21	8	374
14:00	90	6	4	100
14:15	92	3	4	99
14:30	96	6	3	105
14:45	81	4	1	86
	359	19	12	390
15:00	101	3	2	106
15:15	98	5	1	104
15:30	80	9	3	92
15:45	85	5	1	91
	364	22	7	393
16:00	87	3	1	91
16:15	89	5	0	94
16:30	89	2	0	91
16:45	94	3	0	97
	359	13	1	373
17:00	81	0	0	81
17:15	96	1	0	97
17:30	108	3	0	111
17:45	77	1	0	78
	362	5	0	367
18:00	91	1	1	93
18:15	82	1	0	83
18:30	65	1	0	66
18:45	92	0	0	92
	330	3	1	334
19:00	89	0	0	89
19:15	79	1	1	81
19:30	78	0	1	79
19:45	55	0	0	55
	301	1	2	304
20:00	43	0	0	43
20:15	55	0	0	55
20:30	41	1	1	43
20:45	37	0	0	37
	176	1	1	178
21:00	37	0	1	38
21:15	36	0	0	36
21:30	28	0	0	28
21:45	16	0	0	16
	117	0	1	118
22:00	24	0	0	24
22:15	17	0	0	17
22:30	15	0	0	15
22:45	30	0	0	30
	86	0	0	86
23:00	11	0	0	11
23:15	10	0	0	10
23:30	10	0	0	10
23:45	10	0	0	10
	41	0	0	41
Total	3202	103	39	3344
Percent	95.8%	3.1%	1.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	7	0	0	7
00:15	10	0	0	10
00:30	6	0	0	6
00:45	9	0	0	9
	32	0	0	32
01:00	6	0	0	6
01:15	4	0	0	4
01:30	5	0	0	5
01:45	6	1	0	7
	21	1	0	22
02:00	4	1	0	5
02:15	3	0	0	3
02:30	6	0	0	6
02:45	2	0	0	2
	15	1	0	16
03:00	10	0	0	10
03:15	11	0	0	11
03:30	24	1	1	26
03:45	19	1	2	22
	64	2	3	69
04:00	27	0	2	29
04:15	38	0	2	40
04:30	85	0	2	87
04:45	69	1	0	70
	219	1	6	226
05:00	72	1	0	73
05:15	98	0	1	99
05:30	148	1	1	150
05:45	135	2	2	139
	453	4	4	461
06:00	144	2	0	146
06:15	180	1	2	183
06:30	235	4	2	241
06:45	211	6	7	224
	770	13	11	794
07:00	220	8	4	232
07:15	261	10	2	273
07:30	258	1	3	262
07:45	251	4	0	255
	990	23	9	1022
08:00	180	8	0	188
08:15	178	8	4	190
08:30	156	6	3	165
08:45	109	3	1	113
	623	25	8	656
09:00	113	6	0	119
09:15	96	4	0	100
09:30	96	5	0	101
09:45	103	6	3	112
	408	21	3	432
10:00	82	8	1	91
10:15	92	3	2	97
10:30	62	5	2	69
10:45	96	9	4	109
	332	25	9	366
11:00	74	6	2	82
11:15	108	7	1	116
11:30	97	5	2	104
11:45	70	6	2	78
	349	24	7	380
Total	4276	140	60	4476
Percent	95.5%	3.1%	1.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	98	8	4	110
12:15	90	2	0	92
12:30	85	9	0	94
12:45	101	6	1	108
	374	25	5	404
13:00	82	6	4	92
13:15	93	6	3	102
13:30	91	8	2	101
13:45	79	6	2	87
	345	26	11	382
14:00	109	3	0	112
14:15	83	7	2	92
14:30	95	7	0	102
14:45	91	3	2	96
	378	20	4	402
15:00	105	4	0	109
15:15	97	2	2	101
15:30	93	12	0	105
15:45	73	8	1	82
	368	26	3	397
16:00	81	2	0	83
16:15	76	5	0	81
16:30	89	3	0	92
16:45	89	7	0	96
	335	17	0	352
17:00	102	1	0	103
17:15	106	2	1	109
17:30	92	1	0	93
17:45	104	0	0	104
	404	4	1	409
18:00	67	2	0	69
18:15	125	3	0	128
18:30	83	0	1	84
18:45	78	0	0	78
	353	5	1	359
19:00	69	3	0	72
19:15	67	1	0	68
19:30	79	0	0	79
19:45	69	0	0	69
	284	4	0	288
20:00	61	2	0	63
20:15	44	0	0	44
20:30	58	0	0	58
20:45	36	0	0	36
	199	2	0	201
21:00	33	0	0	33
21:15	35	0	0	35
21:30	44	0	0	44
21:45	20	0	0	20
	132	0	0	132
22:00	32	0	0	32
22:15	27	0	0	27
22:30	28	0	0	28
22:45	15	0	0	15
	102	0	0	102
23:00	14	0	0	14
23:15	15	0	0	15
23:30	8	0	1	9
23:45	6	0	0	6
	43	0	1	44
Total	3317	129	26	3472
Percent	95.5%	3.7%	0.7%	100.0%
Grand Total	15117	474	176	15767
Percent	95.9%	3.0%	1.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	8	0	0	8
00:15	15	0	0	15
00:30	8	0	0	8
00:45	9	0	0	9
	40	0	0	40
01:00	7	0	0	7
01:15	4	0	0	4
01:30	6	0	0	6
01:45	9	1	0	10
	26	1	0	27
02:00	5	0	0	5
02:15	6	0	0	6
02:30	10	0	0	10
02:45	4	0	0	4
	25	0	0	25
03:00	7	0	0	7
03:15	7	0	0	7
03:30	3	0	0	3
03:45	3	0	0	3
	20	0	0	20
04:00	3	0	0	3
04:15	5	0	0	5
04:30	3	0	0	3
04:45	2	0	0	2
	13	0	0	13
05:00	3	0	0	3
05:15	4	0	3	7
05:30	15	2	0	17
05:45	10	1	1	12
	32	3	4	39
06:00	23	1	1	25
06:15	19	3	0	22
06:30	32	4	0	36
06:45	46	4	1	51
	120	12	2	134
07:00	38	3	2	43
07:15	57	3	0	60
07:30	51	7	0	58
07:45	43	4	0	47
	189	17	2	208
08:00	45	0	0	45
08:15	44	4	2	50
08:30	41	5	1	47
08:45	50	10	3	63
	180	19	6	205
09:00	51	8	0	59
09:15	50	1	0	51
09:30	45	0	4	49
09:45	47	4	0	51
	193	13	4	210
10:00	49	4	1	54
10:15	63	4	2	69
10:30	60	3	0	63
10:45	68	6	5	79
	240	17	8	265
11:00	76	6	1	83
11:15	111	10	2	123
11:30	78	2	0	80
11:45	80	2	3	85
	345	20	6	371
Total	1423	102	32	1557
Percent	91.4%	6.6%	2.1%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	74	8	2	84
12:15	81	5	1	87
12:30	85	3	4	92
12:45	83	7	1	91
	323	23	8	354
13:00	84	9	1	94
13:15	80	2	1	83
13:30	80	6	4	90
13:45	98	11	2	111
	342	28	8	378
14:00	87	6	2	95
14:15	117	3	1	121
14:30	94	9	4	107
14:45	107	6	1	114
	405	24	8	437
15:00	109	5	1	115
15:15	131	5	1	137
15:30	142	2	3	147
15:45	184	5	4	193
	566	17	9	592
16:00	169	4	2	175
16:15	159	3	2	164
16:30	166	2	0	168
16:45	183	0	1	184
	677	9	5	691
17:00	178	1	2	181
17:15	198	2	1	201
17:30	156	5	0	161
17:45	159	2	1	162
	691	10	4	705
18:00	156	3	2	161
18:15	145	2	0	147
18:30	122	2	1	125
18:45	131	0	0	131
	554	7	3	564
19:00	122	0	1	123
19:15	131	1	0	132
19:30	118	0	0	118
19:45	116	1	0	117
	487	2	1	490
20:00	77	0	0	77
20:15	62	0	0	62
20:30	72	0	0	72
20:45	63	0	0	63
	274	0	0	274
21:00	44	0	0	44
21:15	50	0	0	50
21:30	35	0	2	37
21:45	41	0	0	41
	170	0	2	172
22:00	24	0	0	24
22:15	28	0	0	28
22:30	14	0	0	14
22:45	22	0	1	23
	88	0	1	89
23:00	16	0	0	16
23:15	16	0	0	16
23:30	22	0	0	22
23:45	19	0	0	19
	73	0	0	73
Total	4650	120	49	4819
Percent	96.5%	2.5%	1.0%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	5	0	0	5
00:15	12	0	0	12
00:30	11	0	1	12
00:45	14	0	0	14
	42	0	1	43
01:00	4	0	0	4
01:15	8	0	0	8
01:30	9	0	0	9
01:45	14	0	0	14
	35	0	0	35
02:00	6	0	0	6
02:15	3	0	0	3
02:30	5	0	0	5
02:45	10	0	0	10
	24	0	0	24
03:00	1	0	0	1
03:15	4	1	0	5
03:30	6	0	0	6
03:45	6	0	0	6
	17	1	0	18
04:00	5	0	0	5
04:15	1	1	0	2
04:30	4	0	0	4
04:45	3	1	2	6
	13	2	2	17
05:00	3	0	1	4
05:15	0	0	0	0
05:30	15	1	0	16
05:45	18	2	0	20
	36	3	1	40
06:00	16	4	1	21
06:15	28	4	1	33
06:30	36	0	0	36
06:45	36	5	1	42
	116	13	3	132
07:00	46	3	1	50
07:15	49	8	3	60
07:30	46	9	2	57
07:45	51	4	0	55
	192	24	6	222
08:00	51	6	2	59
08:15	49	5	2	56
08:30	53	3	1	57
08:45	36	3	3	42
	189	17	8	214
09:00	53	9	2	64
09:15	49	7	1	57
09:30	61	3	2	66
09:45	36	5	1	42
	199	24	6	229
10:00	45	4	2	51
10:15	52	6	1	59
10:30	60	5	1	66
10:45	64	1	3	68
	221	16	7	244
11:00	68	7	2	77
11:15	79	4	0	83
11:30	81	5	1	87
11:45	71	4	3	78
	299	20	6	325
Total	1383	120	40	1543
Percent	89.6%	7.8%	2.6%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 9
Station ID: 9
SR-30/PIEDMONT AVE WEST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	82	6	2	90
12:15	100	4	1	105
12:30	80	3	1	84
12:45	88	6	3	97
	350	19	7	376
13:00	79	5	1	85
13:15	82	5	1	88
13:30	89	4	2	95
13:45	79	6	3	88
	329	20	7	356
14:00	92	6	0	98
14:15	89	11	2	102
14:30	110	1	3	114
14:45	131	8	1	140
	422	26	6	454
15:00	104	13	2	119
15:15	154	9	1	164
15:30	155	3	1	159
15:45	192	1	2	195
	605	26	6	637
16:00	164	3	2	169
16:15	152	2	0	154
16:30	160	2	4	166
16:45	171	1	1	173
	647	8	7	662
17:00	173	1	0	174
17:15	182	1	1	184
17:30	151	5	0	156
17:45	174	1	1	176
	680	8	2	690
18:00	153	1	0	154
18:15	143	1	1	145
18:30	165	3	0	168
18:45	120	1	1	122
	581	6	2	589
19:00	140	4	0	144
19:15	116	1	0	117
19:30	129	0	1	130
19:45	97	0	0	97
	482	5	1	488
20:00	107	0	0	107
20:15	86	1	1	88
20:30	72	0	0	72
20:45	58	0	0	58
	323	1	1	325
21:00	51	0	0	51
21:15	71	0	0	71
21:30	42	0	0	42
21:45	41	0	0	41
	205	0	0	205
22:00	34	0	0	34
22:15	35	0	0	35
22:30	25	1	1	27
22:45	19	2	1	22
	113	3	2	118
23:00	16	0	0	16
23:15	30	0	0	30
23:30	22	0	0	22
23:45	16	0	0	16
	84	0	0	84
Total	4821	122	41	4984
Percent	96.7%	2.4%	0.8%	100.0%
Grand Total	12277	464	162	12903
Percent	95.1%	3.6%	1.3%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	1	0	0	1
00:15	1	0	0	1
00:30	3	0	0	3
00:45	0	0	0	0
	5	0	0	5
01:00	2	0	0	2
01:15	1	0	0	1
01:30	2	0	0	2
01:45	3	0	0	3
	8	0	0	8
02:00	1	0	0	1
02:15	2	0	0	2
02:30	0	0	0	0
02:45	2	0	0	2
	5	0	0	5
03:00	0	0	0	0
03:15	0	0	0	0
03:30	1	1	0	2
03:45	0	0	0	0
	1	1	0	2
04:00	4	0	0	4
04:15	1	0	0	1
04:30	1	0	0	1
04:45	3	0	0	3
	9	0	0	9
05:00	1	0	0	1
05:15	5	1	0	6
05:30	4	1	0	5
05:45	5	1	0	6
	15	3	0	18
06:00	8	0	0	8
06:15	8	0	0	8
06:30	5	0	0	5
06:45	12	0	0	12
	33	0	0	33
07:00	10	0	1	11
07:15	12	2	1	15
07:30	29	2	1	32
07:45	29	1	2	32
	80	5	5	90
08:00	18	2	0	20
08:15	27	1	0	28
08:30	26	0	0	26
08:45	28	1	0	29
	99	4	0	103
09:00	33	1	0	34
09:15	28	1	0	29
09:30	38	2	0	40
09:45	43	0	1	44
	142	4	1	147
10:00	56	1	0	57
10:15	49	0	0	49
10:30	35	1	0	36
10:45	46	4	0	50
	186	6	0	192
11:00	67	1	0	68
11:15	69	1	1	71
11:30	93	0	0	93
11:45	66	0	0	66
	295	2	1	298
Total	878	25	7	910
Percent	96.5%	2.7%	0.8%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	73	2	0	75
12:15	73	2	1	76
12:30	60	2	1	63
12:45	69	1	0	70
	275	7	2	284
13:00	65	2	1	68
13:15	59	0	0	59
13:30	73	0	0	73
13:45	70	0	1	71
	267	2	2	271
14:00	51	0	1	52
14:15	54	4	3	61
14:30	64	0	0	64
14:45	76	1	0	77
	245	5	4	254
15:00	63	0	1	64
15:15	82	3	0	85
15:30	90	1	2	93
15:45	103	0	0	103
	338	4	3	345
16:00	121	2	0	123
16:15	109	2	0	111
16:30	112	0	0	112
16:45	86	5	0	91
	428	9	0	437
17:00	108	2	0	110
17:15	103	2	0	105
17:30	135	0	0	135
17:45	116	1	0	117
	462	5	0	467
18:00	108	1	0	109
18:15	95	1	0	96
18:30	87	0	0	87
18:45	96	1	0	97
	386	3	0	389
19:00	75	0	0	75
19:15	63	1	1	65
19:30	76	0	0	76
19:45	66	0	0	66
	280	1	1	282
20:00	43	0	0	43
20:15	52	0	0	52
20:30	34	1	0	35
20:45	42	1	0	43
	171	2	0	173
21:00	34	0	0	34
21:15	21	0	0	21
21:30	14	0	0	14
21:45	19	0	0	19
	88	0	0	88
22:00	10	0	0	10
22:15	14	0	0	14
22:30	7	0	0	7
22:45	10	0	0	10
	41	0	0	41
23:00	8	0	0	8
23:15	2	0	0	2
23:30	8	0	0	8
23:45	4	0	0	4
	22	0	0	22
Total	3003	38	12	3053
Percent	98.4%	1.2%	0.4%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	5	0	0	5
00:15	2	0	0	2
00:30	1	0	0	1
00:45	3	0	0	3
	11	0	0	11
01:00	1	0	0	1
01:15	4	0	0	4
01:30	0	0	0	0
01:45	1	0	0	1
	6	0	0	6
02:00	0	0	0	0
02:15	2	0	0	2
02:30	0	0	0	0
02:45	0	0	0	0
	2	0	0	2
03:00	0	0	0	0
03:15	1	0	0	1
03:30	1	0	0	1
03:45	2	1	1	4
	4	1	1	6
04:00	3	0	0	3
04:15	0	0	0	0
04:30	2	0	0	2
04:45	2	0	0	2
	7	0	0	7
05:00	1	0	0	1
05:15	4	2	0	6
05:30	5	1	0	6
05:45	2	1	0	3
	12	4	0	16
06:00	10	0	0	10
06:15	6	0	0	6
06:30	4	2	0	6
06:45	14	1	0	15
	34	3	0	37
07:00	7	0	1	8
07:15	15	2	1	18
07:30	24	2	0	26
07:45	28	1	1	30
	74	5	3	82
08:00	15	1	1	17
08:15	35	0	0	35
08:30	27	1	0	28
08:45	20	1	0	21
	97	3	1	101
09:00	35	1	0	36
09:15	22	0	1	23
09:30	25	0	0	25
09:45	41	1	0	42
	123	2	1	126
10:00	42	1	1	44
10:15	40	0	0	40
10:30	34	1	0	35
10:45	63	0	0	63
	179	2	1	182
11:00	61	1	1	63
11:15	80	0	0	80
11:30	83	1	0	84
11:45	74	1	0	75
	298	3	1	302
Total	847	23	8	878
Percent	96.5%	2.6%	0.9%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

EB

Start Time	Lights	Mediums	Trucks	Total
12 PM	87	2	0	89
12:15	79	1	0	80
12:30	71	1	0	72
12:45	62	2	1	65
	299	6	1	306
13:00	94	2	0	96
13:15	68	2	0	70
13:30	60	0	0	60
13:45	69	0	0	69
	291	4	0	295
14:00	73	1	1	75
14:15	73	2	0	75
14:30	67	2	0	69
14:45	64	2	0	66
	277	7	1	285
15:00	93	3	2	98
15:15	72	0	2	74
15:30	88	2	0	90
15:45	94	1	0	95
	347	6	4	357
16:00	98	3	0	101
16:15	80	0	0	80
16:30	101	0	0	101
16:45	109	3	0	112
	388	6	0	394
17:00	97	1	0	98
17:15	119	0	0	119
17:30	105	0	0	105
17:45	106	0	0	106
	427	1	0	428
18:00	116	1	1	118
18:15	120	1	0	121
18:30	87	0	0	87
18:45	67	0	0	67
	390	2	1	393
19:00	81	0	1	82
19:15	73	1	0	74
19:30	74	0	0	74
19:45	60	0	0	60
	288	1	1	290
20:00	44	0	0	44
20:15	65	0	0	65
20:30	37	0	0	37
20:45	32	0	0	32
	178	0	0	178
21:00	32	0	0	32
21:15	38	0	1	39
21:30	18	0	0	18
21:45	18	0	0	18
	106	0	1	107
22:00	14	0	0	14
22:15	10	0	0	10
22:30	11	0	0	11
22:45	7	0	0	7
	42	0	0	42
23:00	4	0	0	4
23:15	7	0	1	8
23:30	5	0	1	6
23:45	8	0	0	8
	24	0	2	26
Total	3057	33	11	3101
Percent	98.6%	1.1%	0.4%	100.0%
Grand Total	7785	119	38	7942
Percent	98.0%	1.5%	0.5%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/01/20	2	0	0	2
00:15	1	0	0	1
00:30	2	0	0	2
00:45	1	0	0	1
	6	0	0	6
01:00	0	0	0	0
01:15	1	0	0	1
01:30	0	0	0	0
01:45	2	0	0	2
	3	0	0	3
02:00	2	1	1	4
02:15	0	0	0	0
02:30	0	0	0	0
02:45	2	0	0	2
	4	1	1	6
03:00	0	0	0	0
03:15	1	0	0	1
03:30	1	1	0	2
03:45	2	0	0	2
	4	1	0	5
04:00	5	0	0	5
04:15	3	0	0	3
04:30	4	0	0	4
04:45	6	0	0	6
	18	0	0	18
05:00	4	0	0	4
05:15	9	0	1	10
05:30	8	1	0	9
05:45	16	2	0	18
	37	3	1	41
06:00	16	0	0	16
06:15	15	2	0	17
06:30	26	0	0	26
06:45	24	0	1	25
	81	2	1	84
07:00	38	0	0	38
07:15	30	0	0	30
07:30	24	1	1	26
07:45	22	0	0	22
	114	1	1	116
08:00	19	1	1	21
08:15	26	2	0	28
08:30	15	0	0	15
08:45	29	0	1	30
	89	3	2	94
09:00	21	1	1	23
09:15	23	3	0	26
09:30	29	0	1	30
09:45	27	1	0	28
	100	5	2	107
10:00	38	1	0	39
10:15	43	0	1	44
10:30	43	2	0	45
10:45	31	0	0	31
	155	3	1	159
11:00	32	2	1	35
11:15	53	4	0	57
11:30	56	0	0	56
11:45	76	0	0	76
	217	6	1	224
Total	828	25	10	863
Percent	95.9%	2.9%	1.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	62	0	0	62
12:15	72	1	0	73
12:30	56	0	0	56
12:45	64	2	1	67
	254	3	1	258
13:00	65	2	0	67
13:15	50	0	1	51
13:30	58	0	0	58
13:45	52	0	0	52
	225	2	1	228
14:00	57	1	0	58
14:15	59	1	0	60
14:30	55	1	0	56
14:45	55	0	0	55
	226	3	0	229
15:00	60	0	0	60
15:15	52	1	0	53
15:30	58	1	1	60
15:45	61	1	1	63
	231	3	2	236
16:00	74	0	1	75
16:15	85	5	0	90
16:30	71	1	0	72
16:45	78	1	0	79
	308	7	1	316
17:00	77	3	1	81
17:15	101	2	0	103
17:30	100	0	0	100
17:45	76	1	0	77
	354	6	1	361
18:00	82	3	1	86
18:15	85	0	0	85
18:30	46	0	0	46
18:45	77	0	0	77
	290	3	1	294
19:00	66	0	0	66
19:15	65	0	0	65
19:30	63	1	1	65
19:45	54	0	0	54
	248	1	1	250
20:00	59	0	0	59
20:15	31	1	0	32
20:30	37	0	0	37
20:45	28	0	0	28
	155	1	0	156
21:00	18	1	0	19
21:15	22	0	0	22
21:30	20	0	0	20
21:45	19	0	0	19
	79	1	0	80
22:00	19	0	0	19
22:15	5	0	0	5
22:30	13	0	1	14
22:45	9	0	0	9
	46	0	1	47
23:00	1	0	0	1
23:15	9	0	0	9
23:30	2	0	0	2
23:45	5	0	0	5
	17	0	0	17
Total	2433	30	9	2472
Percent	98.4%	1.2%	0.4%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12/02/20	4	0	0	4
00:15	1	0	0	1
00:30	2	0	0	2
00:45	4	0	0	4
	11	0	0	11
01:00	1	0	0	1
01:15	0	0	0	0
01:30	0	0	0	0
01:45	0	0	0	0
	1	0	0	1
02:00	1	0	0	1
02:15	0	0	0	0
02:30	1	0	0	1
02:45	1	0	0	1
	3	0	0	3
03:00	0	0	0	0
03:15	2	0	0	2
03:30	1	0	0	1
03:45	2	0	0	2
	5	0	0	5
04:00	2	0	0	2
04:15	3	0	0	3
04:30	4	0	0	4
04:45	7	0	1	8
	16	0	1	17
05:00	4	1	0	5
05:15	7	0	0	7
05:30	19	1	0	20
05:45	9	2	0	11
	39	4	0	43
06:00	12	1	0	13
06:15	19	1	1	21
06:30	24	3	0	27
06:45	23	0	0	23
	78	5	1	84
07:00	24	1	0	25
07:15	39	0	0	39
07:30	22	0	1	23
07:45	24	0	1	25
	109	1	2	112
08:00	22	1	1	24
08:15	26	0	0	26
08:30	29	2	1	32
08:45	20	2	0	22
	97	5	2	104
09:00	24	3	0	27
09:15	26	2	0	28
09:30	17	0	0	17
09:45	19	0	0	19
	86	5	0	91
10:00	34	1	1	36
10:15	41	1	0	42
10:30	40	0	1	41
10:45	29	3	0	32
	144	5	2	151
11:00	51	0	0	51
11:15	40	1	0	41
11:30	72	1	1	74
11:45	62	0	1	63
	225	2	2	229
Total	814	27	10	851
Percent	95.7%	3.2%	1.2%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

All Traffic Data Services

www.alltrafficdata.net

Site Code: 10
Station ID: 10
OLD RICHMOND ROAD EAST OF AUGUSTA ROAD

Latitude: 0' 0.0000 Undefined
Longitude: 0' 0.0000 Undefined

WB

Start Time	Lights	Mediums	Trucks	Total
12 PM	53	1	0	54
12:15	79	2	0	81
12:30	53	0	0	53
12:45	86	1	0	87
	271	4	0	275
13:00	62	1	0	63
13:15	59	1	0	60
13:30	53	1	0	54
13:45	52	1	0	53
	226	4	0	230
14:00	66	1	4	71
14:15	54	3	0	57
14:30	70	1	1	72
14:45	51	1	0	52
	241	6	5	252
15:00	51	2	0	53
15:15	78	0	1	79
15:30	64	0	1	65
15:45	62	0	2	64
	255	2	4	261
16:00	80	2	2	84
16:15	81	2	2	85
16:30	72	0	1	73
16:45	85	2	0	87
	318	6	5	329
17:00	61	1	0	62
17:15	74	0	0	74
17:30	100	1	0	101
17:45	62	0	0	62
	297	2	0	299
18:00	82	1	1	84
18:15	76	0	0	76
18:30	66	1	0	67
18:45	59	1	0	60
	283	3	1	287
19:00	65	0	0	65
19:15	67	0	0	67
19:30	53	0	0	53
19:45	58	0	0	58
	243	0	0	243
20:00	55	1	0	56
20:15	45	0	0	45
20:30	40	0	0	40
20:45	24	0	0	24
	164	1	0	165
21:00	28	0	0	28
21:15	41	0	0	41
21:30	20	1	0	21
21:45	15	0	0	15
	104	1	0	105
22:00	19	0	0	19
22:15	9	0	0	9
22:30	4	0	0	4
22:45	6	0	0	6
	38	0	0	38
23:00	7	0	0	7
23:15	8	0	0	8
23:30	3	0	0	3
23:45	0	0	0	0
	18	0	0	18
Total	2458	29	15	2502
Percent	98.2%	1.2%	0.6%	100.0%
Grand Total	6533	111	44	6688
Percent	97.7%	1.7%	0.7%	100.0%

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection Volume Development

INTERSECTION VOLUME DEVELOPMENT

GA 21/Augusta Road and Rice Mill Road /Market Boulevard
AM PEAK HOUR

Description	GA 21/Augusta Road Northbound				GA 21/Augusta Road Southbound				Rice Mill Road Eastbound				Market Boulevard Westbound			
	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn
Observed Volumes	23	886	58	4	25	1,742	1	2	10	23	134	0	110	13	18	0
Adjustment Factor*																
Adjusted Volumes																
Volume Balancing	1	20	1	0	0	32	0	0	0	0	3	0	2	0	0	0
2021 Existing Traffic	24	906	59	4	25	1,774	1	2	10	23	137	0	112	13	18	0
2021 Existng PHF	0.82	0.81	0.66	0.33	0.57	0.96	0.25	0.50	0.63	0.58	0.82	0.90	0.89	0.65	0.56	0.90
2023 PHF	0.82	0.81	0.66	0.33	0.57	0.96	0.25	0.50	0.63	0.58	0.82	0.90	0.89	0.65	0.56	0.90
2021 Existing Heavy Vehicle %	13%	16%	5%	2%	2%	5%	2%	2%	2%	9%	2%	2%	9%	2%	6%	2%
2023 Build Heavy Vehicle %	13%	16%	5%	2%	2%	5%	2%	2%	2%	9%	2%	2%	9%	2%	6%	2%
Annual Growth Rate	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Background Traffic	24	924	60	4	26	1,810	1	2	10	23	140	0	114	13	18	0
Percent Inbound Assignment (Passenger Cars)	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Passenger Cars)	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Passenger Cars	0	16	0	0	0	71	0	0	0	0	0	0	0	0	0	0
Percent Inbound Assignment (Trucks)	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Trucks)	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Trucks	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Total Project Trips (Balanced)	0	17	0	0	0	72	0	0	0	0	0	0	0	0	0	0
2023 Buildout Total	24	941	60	4	26	1,882	1	2	10	23	140	0	114	13	18	0

*Traffic volumes adjusted to account for the influence of COVID-19 on travel patterns and based on count data at adjacent intersections

PM PEAK HOUR

Description	GA 21/Augusta Road Northbound				GA 21/Augusta Road Southbound				Rice Mill Road Eastbound				Market Boulevard Westbound			
	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn
Observed Volumes	86	2,057	155	1	114	1,252	9	5	13	12	45	0	111	20	49	0
Adjustment Factor*																
Adjusted Volumes																
Volume Balancing	0	0	0	0	0	21	0	0	0	0	1	0	2	0	0	0
2021 Existing Traffic	86	2,057	155	1	114	1,273	9	5	13	12	46	0	113	20	49	0
2021 Existng PHF	0.65	0.95	0.88	0.25	0.81	0.92	0.45	0.42	0.81	0.75	0.75	0.90	0.87	0.56	0.88	0.90
2023 PHF	0.65	0.95	0.88	0.25	0.81	0.92	0.45	0.42	0.81	0.75	0.75	0.90	0.87	0.56	0.88	0.90
2021 Existing Heavy Vehicle %	2%	2%	2%	2%	2%	5%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Build Heavy Vehicle %	2%	2%	2%	2%	2%	5%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Annual Growth Rate	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Background Traffic	88	2,098	158	1	116	1,299	9	5	13	12	47	0	115	20	50	0
Percent Inbound Assignment (Passenger Cars)	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Passenger Cars)	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Passenger Cars	0	64	0	0	0	16	0	0	0	0	0	0	0	0	0	0
Percent Inbound Assignment (Trucks)	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Trucks)	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Trucks	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Total Project Trips (Balanced)	0	66	0	0	0	18	0	0	0	0	0	0	0	0	0	0
2023 Buildout Total	88	2,164	158	1	116	1,317	9	5	13	12	47	0	115	20	50	0

*Traffic volumes adjusted to account for the influence of COVID-19 on travel patterns and based on count data at adjacent intersections

4/7/2021 14:22

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

INTERSECTION VOLUME DEVELOPMENT

GA 21/Augusta Road and Site Access/Lakeside Boulevard
AM PEAK HOUR

Description	GA 21/Augusta Road Northbound				GA 21/Augusta Road Southbound				Site Access Eastbound				Lakeside Boulevard Westbound			
	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn
Observed Volumes	0	963	65	32	4	2,023	0	0	0	0	0	0	103	0	30	0
Adjustment Factor*																
Adjusted Volumes																
Volume Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021 Existing Traffic	0	963	65	32	4	2,023	0	0	0	0	0	0	103	0	30	0
2021 Existng PHF	0.90	0.89	0.81	0.73	0.50	0.95	0.90	0.90	0.90	0.90	0.90	0.90	0.92	0.90	0.68	0.90
2023 PHF	0.90	0.89	0.81	0.73	0.50	0.95	0.90	0.90	0.90	0.90	0.90	0.90	0.92	0.90	0.68	0.90
2021 Existing Heavy Vehicle %	2%	15%	5%	2%	2%	5%	2%	2%	2%	2%	2%	2%	2%	2%	3%	2%
2023 Build Heavy Vehicle %	16%	15%	5%	2%	2%	5%	3%	2%	8%	2%	41%	2%	2%	2%	3%	2%
Annual Growth Rate	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Background Traffic	0	982	66	33	4	2,064	0	0	0	0	0	0	105	0	31	0
Percent Inbound Assignment (Passenger Cars)	70%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Passenger Cars)	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	70%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Passenger Cars	164	0	0	0	0	0	71	0	16	0	37	0	0	0	0	0
Percent Inbound Assignment (Trucks)	95%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Trucks)	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	95%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Trucks	27	0	0	0	0	0	1	0	1	0	24	0	0	0	0	0
Total Project Trips (Balanced)	191	0	0	0	0	0	72	0	17	0	61	0	0	0	0	0
2023 Buildout Total	191	982	66	33	4	2,064	72	0	17	0	61	0	105	0	31	0

*Traffic volumes adjusted to account for the influence of COVID-19 on travel patterns and based on count data at adjacent intersections

PM PEAK HOUR

Description	GA 21/Augusta Road Northbound				GA 21/Augusta Road Southbound				Site Access Eastbound				Lakeside Boulevard Westbound			
	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn
Observed Volumes	0	2,239	104	26	36	1,369	0	0	0	0	0	0	45	0	39	0
Adjustment Factor*																
Adjusted Volumes																
Volume Balancing	0	20	0	0	0	28	0	0	0	0	0	0	2	0	1	0
2021 Existing Traffic	0	2,259	104	26	36	1,397	0	0	0	0	0	0	47	0	40	0
2021 Existng PHF	0.90	0.95	0.93	0.81	0.82	0.96	0.90	0.90	0.90	0.90	0.90	0.90	0.80	0.90	0.89	0.90
2023 PHF	0.90	0.95	0.93	0.81	0.82	0.96	0.90	0.90	0.90	0.90	0.90	0.90	0.80	0.90	0.89	0.90
2021 Existing Heavy Vehicle %	2%	2%	2%	2%	2%	5%	2%	2%	2%	2%	2%	2%	7%	2%	2%	2%
2023 Build Heavy Vehicle %	53%	2%	2%	2%	2%	5%	13%	2%	5%	2%	21%	2%	7%	2%	2%	2%
Annual Growth Rate	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Background Traffic	0	2,304	106	27	37	1,425	0	0	0	0	0	0	48	0	41	0
Percent Inbound Assignment (Passenger Cars)	70%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Passenger Cars)	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	70%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Passenger Cars	36	0	0	0	0	0	16	0	64	0	148	0	0	0	0	0
Percent Inbound Assignment (Trucks)	95%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Trucks)	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	95%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Trucks	39	0	0	0	0	0	2	0	2	0	36	0	0	0	0	0
Total Project Trips (Balanced)	75	0	0	0	0	0	18	0	66	0	184	0	0	0	0	0
2023 Buildout Total	75	2,304	106	27	37	1,425	18	0	66	0	184	0	48	0	41	0

*Traffic volumes adjusted to account for the influence of COVID-19 on travel patterns and based on count data at adjacent intersections

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Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

INTERSECTION VOLUME DEVELOPMENT

GA 21/Augusta Road and GA 30/Piedmont Avenue/Lakeside Boulevard
AM PEAK HOUR

Description	Continental Boulevard Northbound				Bourne Avenue Southbound				GA 30/Piedmont Avenue Eastbound				Lakeside Boulevard Westbound			
	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn
Observed Volumes	108	900	44	6	17	2,034	87	2	115	29	866	0	92	13	11	0
Adjustment Factor*																
Adjusted Volumes																
Volume Balancing	0	25	0	0	0	17	1	0	4	0	0	0	0	0	3	0
2021 Existing Traffic	108	925	44	6	17	2,051	88	2	119	29	866	0	92	13	14	0
2021 Existng PHF	0.77	0.90	0.65	0.50	0.71	0.92	0.87	0.50	0.93	0.66	0.92	0.90	0.72	0.65	0.55	0.90
2023 PHF	0.77	0.90	0.65	0.50	0.71	0.92	0.87	0.50	0.92	0.66	0.92	0.90	0.72	0.65	0.55	0.90
2021 Existing Heavy Vehicle %	14%	17%	16%	2%	18%	4%	5%	50%	2%	2%	2%	2%	2%	2%	9%	2%
2023 Build Heavy Vehicle %	14%	18%	16%	2%	18%	5%	5%	50%	2%	2%	2%	2%	2%	2%	9%	2%
Annual Growth Rate	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Background Traffic	110	944	45	6	17	2,092	90	2	121	30	883	0	94	13	14	0
Percent Inbound Assignment (Passenger Cars)	0%	40%	0%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Passenger Cars)	0%	0%	0%	0%	0%	40%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Passenger Cars	0	93	0	0	0	21	16	0	71	0	0	0	0	0	0	0
Percent Inbound Assignment (Trucks)	0%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Trucks)	0%	0%	0%	0%	0%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Trucks	0	27	0	0	0	24	0	0	0	0	0	0	0	0	0	0
Total Project Trips (Balanced)	0	120	0	0	0	45	16	0	71	0	0	0	0	0	0	0
2023 Buildout Total	110	1,064	45	6	17	2,137	106	2	192	30	883	0	94	13	14	0

*Traffic volumes adjusted to account for the influence of COVID-19 on travel patterns and based on count data at adjacent intersections

PM PEAK HOUR

Description	Continental Boulevard Northbound				Bourne Avenue Southbound				GA 30/Piedmont Avenue Eastbound				Lakeside Boulevard Westbound			
	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn	Left	Through	Right	U-turn
Observed Volumes	358	2,197	295	5	91	1,213	166	0	105	85	180	0	116	190	58	0
Adjustment Factor*																
Adjusted Volumes																
Volume Balancing	0	27	0	0	0	0	0	0	2	0	0	0	0	0	0	0
2021 Existing Traffic	358	2,224	295	5	91	1,213	166	0	107	85	180	0	116	190	58	0
2021 Existng PHF	0.83	0.95	0.95	0.63	0.95	0.94	0.83	0.90	0.80	0.61	0.80	0.90	0.78	0.93	0.81	0.90
2023 PHF	0.83	0.95	0.95	0.63	0.95	0.94	0.85	0.90	0.81	0.61	0.80	0.90	0.78	0.93	0.81	0.90
2021 Existing Heavy Vehicle %	3%	2%	2%	2%	2%	5%	2%	2%	2%	2%	2%	2%	5%	2%	2%	2%
2023 Build Heavy Vehicle %	3%	4%	2%	2%	2%	7%	2%	2%	2%	2%	2%	2%	5%	2%	2%	2%
Annual Growth Rate	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2023 Background Traffic	365	2,269	301	5	93	1,237	169	0	109	87	184	0	118	194	59	0
Percent Inbound Assignment (Passenger Cars)	0%	40%	0%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Passenger Cars)	0%	0%	0%	0%	0%	40%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Passenger Cars	0	20	0	0	0	84	64	0	16	0	0	0	0	0	0	0
Percent Inbound Assignment (Trucks)	0%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Outbound Assignment (Trucks)	0%	0%	0%	0%	0%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Project Trips (Calculated) - Trucks	0	39	0	0	0	36	0	0	0	0	0	0	0	0	0	0
Total Project Trips (Balanced)	0	59	0	0	0	120	64	0	16	0	0	0	0	0	0	0
2023 Buildout Total	365	2,328	301	5	93	1,357	233	0	125	87	184	0	118	194	59	0

*Traffic volumes adjusted to account for the influence of COVID-19 on travel patterns and based on count data at adjacent intersections

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Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

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Intersection Capacity Analysis

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

2021 Existing Conditions

Queues
Vernadoe-Wiggins Tract
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard
2021 Existing AM



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	16	207	126	20	32	34	1119	89	48	1848	4
v/c Ratio	0.14	0.84	2.57	0.13	0.15	0.17	0.51	0.08	0.12	0.74	0.00
Control Delay	62.2	56.0	786.8	61.2	1.4	6.6	8.0	1.5	3.6	14.9	0.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	62.2	56.0	786.8	61.2	1.4	6.6	8.0	1.5	3.6	14.9	0.0
Queue Length 50th (ft)	14	82	~191	17	0	4	128	0	7	570	0
Queue Length 95th (ft)	27	65	#323	32	0	m10	184	9	9	671	0
Internal Link Dist (ft)		451		1235			2132			2600	
Turn Bay Length (ft)					175	400		375	425		300
Base Capacity (vph)	118	245	49	159	216	230	2189	1110	437	2504	1179
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.14	0.84	2.57	0.13	0.15	0.15	0.51	0.08	0.11	0.74	0.00

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2021 Existing AM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	10	23	137	112	13	18	4	24	906	59	2	25
Future Volume (veh/h)	10	23	137	112	13	18	4	24	906	59	2	25
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1767	1767	1767	1870	1811		1707	1663	1826		1870
Adj Flow Rate, veh/h	16	40	0	126	20	0		29	1119	0		44
Peak Hour Factor	0.63	0.58	0.82	0.89	0.65	0.56		0.82	0.81	0.66		0.57
Percent Heavy Veh, %	2	9	9	9	2	6		13	16	5		2
Cap, veh/h	157	151		135	160			212	2185			419
Arrive On Green	0.09	0.09	0.00	0.09	0.09	0.00		0.05	0.69	0.00		0.06
Sat Flow, veh/h	1392	1767	0	1291	1870	1535		1626	3159	1547		1781
Grp Volume(v), veh/h	16	40	0	126	20	0		29	1119	0		44
Grp Sat Flow(s),veh/h/ln	1392	1767	0	1291	1870	1535		1626	1580	1547		1781
Q Serve(g_s), s	1.5	3.0	0.0	9.0	1.4	0.0		0.6	23.7	0.0		0.9
Cycle Q Clear(g_c), s	2.9	3.0	0.0	12.0	1.4	0.0		0.6	23.7	0.0		0.9
Prop In Lane	1.00		0.00	1.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	157	151		135	160			212	2185			419
V/C Ratio(X)	0.10	0.26		0.93	0.12			0.14	0.51			0.11
Avail Cap(c_a), veh/h	157	151		135	160			279	2185			473
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00
Uniform Delay (d), s/veh	60.5	59.9	0.0	67.0	59.1	0.0		13.7	10.3	0.0		6.7
Incr Delay (d2), s/veh	0.3	0.9	0.0	57.9	0.3	0.0		0.3	0.9	0.0		0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	0.6	1.4	0.0	6.7	0.7	0.0		0.3	7.2	0.0		0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	60.8	60.8	0.0	124.9	59.5	0.0		14.0	11.2	0.0		6.8
LnGrp LOS	E	E		F	E			B	B			A
Approach Vol, veh/h		56	A		146	A			1148	A		
Approach Delay, s/veh		60.8			115.9				11.3			
Approach LOS		E			F				B			

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	14.3	105.7		20.0	15.7	104.3		20.0				
Change Period (Y+Rc), s	7.5	7.5		8.0	7.5	7.5		8.0				
Max Green Setting (Gmax), s	12.5	92.5		12.0	12.5	92.5		12.0				
Max Q Clear Time (g_c+I1), s	2.6	49.6		5.0	2.9	25.7		14.0				
Green Ext Time (p_c), s	0.0	42.3		0.1	0.0	51.5		0.0				

Intersection Summary	
HCM 6th Ctrl Delay	19.2
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2021 Existing AM



Movement	SBT	SBR
Lane Configurations		
Traffic Volume (veh/h)	1774	1
Future Volume (veh/h)	1774	1
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1826	1870
Adj Flow Rate, veh/h	1848	0
Peak Hour Factor	0.96	0.25
Percent Heavy Veh, %	5	2
Cap, veh/h	2434	
Arrive On Green	0.70	0.00
Sat Flow, veh/h	3469	1585
Grp Volume(v), veh/h	1848	0
Grp Sat Flow(s),veh/h/ln	1735	1585
Q Serve(g_s), s	47.6	0.0
Cycle Q Clear(g_c), s	47.6	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	2434	
V/C Ratio(X)	0.76	
Avail Cap(c_a), veh/h	2434	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	0.00
Uniform Delay (d), s/veh	13.3	0.0
Incr Delay (d2), s/veh	2.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	15.8	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	15.6	0.0
LnGrp LOS	B	
Approach Vol, veh/h	1892	A
Approach Delay, s/veh	15.4	
Approach LOS	B	
Timer - Assigned Phs		

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection	
Int Delay, s/veh	23.7

Movement	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Vol, veh/h	103	30	32	963	65	4	2023
Future Vol, veh/h	103	30	32	963	65	4	2023
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	Yield	-	-	Free	-	None
Storage Length	0	0	400	-	375	450	-
Veh in Median Storage, #	1	-	-	0	-	-	0
Grade, %	0	-	-	0	-	-	0
Peak Hour Factor	92	68	73	89	81	50	95
Heavy Vehicles, %	2	3	2	15	5	2	5
Mvmt Flow	112	44	44	1082	80	8	2129

Major/Minor	Minor1		Major1			Major2	
Conflicting Flow All	2251	541	2129	0	-	1082	0
Stage 1	1170	-	-	-	-	-	-
Stage 2	1081	-	-	-	-	-	-
Critical Hdwy	6.84	6.96	6.44	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-
Follow-up Hdwy	3.52	3.33	2.52	-	-	2.22	-
Pot Cap-1 Maneuver	~ 35	483	61	-	0	640	-
Stage 1	257	-	-	-	0	-	-
Stage 2	287	-	-	-	0	-	-
Platoon blocked, %				-			-
Mov Cap-1 Maneuver	~ 10	483	61	-	-	640	-
Mov Cap-2 Maneuver	~ 54	-	-	-	-	-	-
Stage 1	~ 72	-	-	-	-	-	-
Stage 2	284	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s$	477.4	5.9	0
HCM LOS	F		

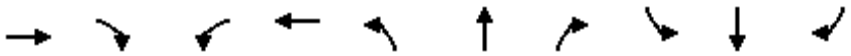
Minor Lane/Major Mvmt	NBU	NBT	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	61	-	54	483	640	-
HCM Lane V/C Ratio	0.719	-	2.073	0.091	0.013	-
HCM Control Delay (s)	152.7	-	$ 660.3	13.2	10.7	-
HCM Lane LOS	F	-	F	B	B	-
HCM 95th %tile Q(veh)	3.1	-	11	0.3	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2021 Existing AM



Lane Group	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	172	941	128	45	152	1028	68	28	2229	101
v/c Ratio	0.35	1.39	0.31	0.08	0.64	0.70	0.09	0.37	1.58	0.15
Control Delay	36.3	212.6	35.7	17.0	74.6	33.4	0.2	65.0	293.5	12.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	36.3	212.6	35.7	17.0	74.6	33.4	0.2	65.0	293.5	12.2
Queue Length 50th (ft)	116	~1023	85	12	70	403	0	25	~1512	13
Queue Length 95th (ft)	126	#1283	109	25	90	512	0	m34	m#1593	m33
Internal Link Dist (ft)	546			1558		3417			6441	
Turn Bay Length (ft)		250	225		325			400		375
Base Capacity (vph)	490	678	417	592	283	1467	742	252	1414	687
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.35	1.39	0.31	0.08	0.54	0.70	0.09	0.11	1.58	0.15

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

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HCM 6th Signalized Intersection Summary
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2021 Existing AM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	119	29	866	92	13	14	6	108	925	44	2	17
Future Volume (veh/h)	119	29	866	92	13	14	6	108	925	44	2	17
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1693	1648	1663		1633
Adj Flow Rate, veh/h	128	44	0	128	20	0		140	1028	0		24
Peak Hour Factor	0.93	0.66	0.92	0.72	0.65	0.55		0.77	0.90	0.65		0.71
Percent Heavy Veh, %	2	2	2	2	2	2		14	17	16		18
Cap, veh/h	190	50		247	263			184	2083			56
Arrive On Green	0.14	0.14	0.00	0.14	0.14	0.00		0.06	0.67	0.00		0.04
Sat Flow, veh/h	1035	356	1585	1362	1870	0		3127	3131	1409		1555
Grp Volume(v), veh/h	172	0	0	128	20	0		140	1028	0		24
Grp Sat Flow(s),veh/h/ln	1391	0	1585	1362	1870	0		1564	1566	1409		1555
Q Serve(g_s), s	15.9	0.0	0.0	0.0	1.3	0.0		6.2	22.9	0.0		2.1
Cycle Q Clear(g_c), s	17.2	0.0	0.0	12.2	1.3	0.0		6.2	22.9	0.0		2.1
Prop In Lane	0.74		1.00	1.00		0.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	240	0		247	263			184	2083			56
V/C Ratio(X)	0.72	0.00		0.52	0.08			0.76	0.49			0.43
Avail Cap(c_a), veh/h	552	0		532	655			286	2083			252
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00
Uniform Delay (d), s/veh	59.7	0.0	0.0	56.9	52.3	0.0		64.9	11.7	0.0		66.1
Incr Delay (d2), s/veh	3.9	0.0	0.0	1.7	0.1	0.0		2.4	0.8	0.0		2.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	6.1	0.0	0.0	4.5	0.6	0.0		2.5	7.5	0.0		0.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	63.7	0.0	0.0	58.6	52.4	0.0		67.3	12.5	0.0		68.1
LnGrp LOS	E	A		E	D			E	B			E
Approach Vol, veh/h		172	A		148	A			1168	A		
Approach Delay, s/veh		63.7			57.8				19.1			
Approach LOS		E			E				B			

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	15.4	95.9		28.7	11.3	100.0		28.7				
Change Period (Y+Rc), s	7.2	6.9		9.0	* 6.3	6.9		9.0				
Max Green Setting (Gmax), s	12.8	55.1		49.0	* 23	46.1		49.0				
Max Q Clear Time (g_c+I1), s	8.2	91.0		19.2	4.1	24.9		14.2				
Green Ext Time (p_c), s	0.1	0.0		0.5	0.0	17.8		0.5				

Intersection Summary	
HCM 6th Ctrl Delay	38.6
HCM 6th LOS	D

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Movement	SBT	SBR
Lane Configurations		
Traffic Volume (veh/h)	2051	88
Future Volume (veh/h)	2051	88
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1841	1826
Adj Flow Rate, veh/h	2229	0
Peak Hour Factor	0.92	0.87
Percent Heavy Veh, %	4	5
Cap, veh/h	2223	
Arrive On Green	0.64	0.00
Sat Flow, veh/h	3497	1547
Grp Volume(v), veh/h	2229	0
Grp Sat Flow(s),veh/h/ln	1749	1547
Q Serve(g_s), s	89.0	0.0
Cycle Q Clear(g_c), s	89.0	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	2223	
V/C Ratio(X)	1.00	
Avail Cap(c_a), veh/h	2223	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	0.00
Uniform Delay (d), s/veh	25.5	0.0
Incr Delay (d2), s/veh	19.8	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	38.5	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	45.3	0.0
LnGrp LOS	F	
Approach Vol, veh/h	2253	A
Approach Delay, s/veh	45.5	
Approach LOS	D	
Timer - Assigned Phs		

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard
2021 Existing PM



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	16	77	130	36	56	136	2165	176	153	1384	20
v/c Ratio	0.09	0.28	0.73	0.14	0.19	0.45	1.02	0.18	0.66	0.65	0.02
Control Delay	52.3	19.4	81.5	53.5	3.8	14.4	35.9	2.7	47.5	20.9	0.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	52.3	19.4	81.5	53.5	3.8	14.4	35.9	2.7	47.5	20.9	0.0
Queue Length 50th (ft)	13	13	120	30	0	20	~1161	21	87	408	0
Queue Length 95th (ft)	32	41	176	38	10	m3	m860	m26	143	614	0
Internal Link Dist (ft)		451		1235			2132			2600	
Turn Bay Length (ft)					175	400		375	425		300
Base Capacity (vph)	395	518	381	539	522	304	2131	1000	234	2127	1015
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.15	0.34	0.07	0.11	0.45	1.02	0.18	0.65	0.65	0.02

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2021 Existing PM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	13	12	46	113	20	49	1	86	2057	155	5	114
Future Volume (veh/h)	13	12	46	113	20	49	1	86	2057	155	5	114
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1870	1870	1870		1870
Adj Flow Rate, veh/h	16	16	0	130	36	0		132	2165	0		141
Peak Hour Factor	0.81	0.75	0.75	0.87	0.56	0.88		0.65	0.95	0.88		0.81
Percent Heavy Veh, %	2	2	2	2	2	2		2	2	2		2
Cap, veh/h	185	217		201	217			339	2333			194
Arrive On Green	0.12	0.12	0.00	0.12	0.12	0.00		0.07	0.66	0.00		0.07
Sat Flow, veh/h	1372	1870	0	1397	1870	1585		1781	3554	1585		1781
Grp Volume(v), veh/h	16	16	0	130	36	0		132	2165	0		141
Grp Sat Flow(s),veh/h/ln	1372	1870	0	1397	1870	1585		1781	1777	1585		1781
Q Serve(g_s), s	1.5	1.1	0.0	13.3	2.5	0.0		3.2	77.7	0.0		5.3
Cycle Q Clear(g_c), s	4.1	1.1	0.0	14.4	2.5	0.0		3.2	77.7	0.0		5.3
Prop In Lane	1.00		0.00	1.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	185	217		201	217			339	2333			194
V/C Ratio(X)	0.09	0.07		0.65	0.17			0.39	0.93			0.73
Avail Cap(c_a), veh/h	423	542		444	542			346	2333			201
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00
Uniform Delay (d), s/veh	59.6	57.1	0.0	63.5	57.7	0.0		11.6	21.9	0.0		42.3
Incr Delay (d2), s/veh	0.2	0.1	0.0	3.4	0.4	0.0		0.7	8.0	0.0		12.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	0.6	0.5	0.0	5.0	1.2	0.0		1.1	29.9	0.0		5.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	59.8	57.3	0.0	67.0	58.1	0.0		12.3	29.9	0.0		54.3
LnGrp LOS	E	E		E	E			B	C			D
Approach Vol, veh/h		32	A		166	A			2297	A		
Approach Delay, s/veh		58.5			65.0				28.9			
Approach LOS		E			E				C			

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	17.5	102.7		24.9	17.5	102.7		24.9				
Change Period (Y+Rc), s	7.5	7.5		8.0	7.5	7.5		8.0				
Max Green Setting (Gmax), s	10.5	69.5		42.0	10.5	69.5		42.0				
Max Q Clear Time (g_c+I1), s	5.2	35.1		6.1	7.3	79.7		16.4				
Green Ext Time (p_c), s	0.1	32.2		0.1	0.1	0.0		0.5				

Intersection Summary			
HCM 6th Ctrl Delay		26.9	
HCM 6th LOS		C	

Notes

User approved ignoring U-Turning movement.

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2021 Existing PM

Movement	SBT	SBR
Lane Configurations	↑↑	↱
Traffic Volume (veh/h)	1273	9
Future Volume (veh/h)	1273	9
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1826	1870
Adj Flow Rate, veh/h	1384	0
Peak Hour Factor	0.92	0.45
Percent Heavy Veh, %	5	2
Cap, veh/h	2278	
Arrive On Green	0.66	0.00
Sat Flow, veh/h	3469	1585
Grp Volume(v), veh/h	1384	0
Grp Sat Flow(s),veh/h/ln	1735	1585
Q Serve(g_s), s	33.1	0.0
Cycle Q Clear(g_c), s	33.1	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	2278	
V/C Ratio(X)	0.61	
Avail Cap(c_a), veh/h	2278	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	0.00
Uniform Delay (d), s/veh	14.2	0.0
Incr Delay (d2), s/veh	1.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	11.7	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	15.4	0.0
LnGrp LOS	B	
Approach Vol, veh/h	1525	A
Approach Delay, s/veh	19.0	
Approach LOS	B	
Timer - Assigned Phs		

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection	
Int Delay, s/veh	10.6

Movement	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Vol, veh/h	47	40	26	2259	104	36	1397
Future Vol, veh/h	47	40	26	2259	104	36	1397
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	Yield	-	-	Free	-	None
Storage Length	0	0	400	-	375	450	-
Veh in Median Storage, #	1	-	-	0	-	-	0
Grade, %	0	-	-	0	-	-	0
Peak Hour Factor	80	89	81	95	93	82	96
Heavy Vehicles, %	7	2	2	2	2	2	5
Mvmt Flow	59	45	32	2378	112	44	1455

Major/Minor	Minor1		Major1			Major2	
Conflicting Flow All	3258	1189	1455	0	-	2378	0
Stage 1	2442	-	-	-	-	-	-
Stage 2	816	-	-	-	-	-	-
Critical Hdwy	6.94	6.94	6.44	-	-	4.14	-
Critical Hdwy Stg 1	5.94	-	-	-	-	-	-
Critical Hdwy Stg 2	5.94	-	-	-	-	-	-
Follow-up Hdwy	3.57	3.32	2.52	-	-	2.22	-
Pot Cap-1 Maneuver	~ 6	180	169	-	0	201	-
Stage 1	~ 48	-	-	-	0	-	-
Stage 2	383	-	-	-	0	-	-
Platoon blocked, %				-			-
Mov Cap-1 Maneuver	~ 4	180	169	-	-	201	-
Mov Cap-2 Maneuver	~ 32	-	-	-	-	-	-
Stage 1	~ 39	-	-	-	-	-	-
Stage 2	299	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	$ 389.7	0.4	0.8
HCM LOS	F		

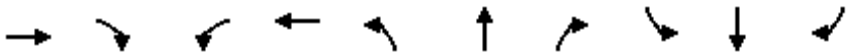
Minor Lane/Major Mvmt	NBU	NBT	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	169	-	32	180	201	-
HCM Lane V/C Ratio	0.19	-	1.836	0.25	0.218	-
HCM Control Delay (s)	31.2	-	$ 663.8	31.5	27.8	-
HCM Lane LOS	D	-	F	D	D	-
HCM 95th %tile Q(veh)	0.7	-	6.7	0.9	0.8	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive
2021 Existing PM



Lane Group	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	273	225	149	276	439	2341	311	96	1290	200
v/c Ratio	0.98	0.37	0.65	0.54	0.93	1.36	0.37	0.68	0.89	0.26
Control Delay	99.7	6.3	60.1	46.1	88.7	198.1	16.2	80.6	43.5	8.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	99.7	6.3	60.1	46.1	88.7	198.1	16.2	80.6	43.5	8.3
Queue Length 50th (ft)	251	0	122	207	214	~1556	110	81	629	54
Queue Length 95th (ft)	221	37	170	301	#277	#1746	198	m126	m#747	m70
Internal Link Dist (ft)	546			1558		3417			6441	
Turn Bay Length (ft)		250	225		325			400		375
Base Capacity (vph)	295	627	241	539	472	1719	831	203	1449	781
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.93	0.36	0.62	0.51	0.93	1.36	0.37	0.47	0.89	0.26

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2021 Existing PM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	107	85	180	116	190	58	5	358	2224	295	91	1213
Future Volume (veh/h)	107	85	180	116	190	58	5	358	2224	295	91	1213
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No				No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1870	1870		1856	1870	1870	1870	1826
Adj Flow Rate, veh/h	134	139	0	149	204	0		431	2341	0	96	1290
Peak Hour Factor	0.80	0.61	0.80	0.78	0.93	0.81		0.83	0.95	0.95	0.95	0.94
Percent Heavy Veh, %	2	2	2	5	2	2		3	2	2	2	5
Cap, veh/h	179	149		311	535			468	1754		120	1450
Arrive On Green	0.29	0.29	0.00	0.29	0.29	0.00		0.14	0.49	0.00	0.07	0.42
Sat Flow, veh/h	495	521	1585	1220	1870	0		3428	3554	1585	1781	3469
Grp Volume(v), veh/h	273	0	0	149	204	0		431	2341	0	96	1290
Grp Sat Flow(s),veh/h/ln	1016	0	1585	1220	1870	0		1714	1777	1585	1781	1735
Q Serve(g_s), s	26.7	0.0	0.0	0.0	12.7	0.0		18.0	71.6	0.0	7.7	50.0
Cycle Q Clear(g_c), s	39.3	0.0	0.0	20.6	12.7	0.0		18.0	71.6	0.0	7.7	50.0
Prop In Lane	0.49		1.00	1.00		0.00		1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	328	0		311	535			468	1754		120	1450
V/C Ratio(X)	0.83	0.00		0.48	0.38			0.92	1.33		0.80	0.89
Avail Cap(c_a), veh/h	343	0		324	555			468	1754		205	1450
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	57.0	0.0	0.0	44.3	41.5	0.0		61.8	36.7	0.0	66.7	39.1
Incr Delay (d2), s/veh	15.5	0.0	0.0	1.1	0.4	0.0		23.1	154.6	0.0	4.6	8.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.9	0.0	0.0	4.8	6.0	0.0		9.2	66.8	0.0	3.6	22.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	72.5	0.0	0.0	45.5	41.9	0.0		84.9	191.4	0.0	71.3	47.6
LnGrp LOS	E	A		D	D			F	F		E	D
Approach Vol, veh/h		273	A		353	A			2772	A		1386
Approach Delay, s/veh		72.5			43.4				174.8			49.3
Approach LOS		E			D				F			D

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	27.0	67.5		50.5	16.0	78.5		50.5				
Change Period (Y+Rc), s	7.2	6.9		9.0	* 6.3	6.9		9.0				
Max Green Setting (Gmax), s	19.8	59.1		43.0	* 17	63.1		43.0				
Max Q Clear Time (g_c+I1), s	20.0	52.0		41.3	9.7	73.6		22.6				
Green Ext Time (p_c), s	0.0	6.8		0.2	0.0	0.0		1.3				

Intersection Summary		
HCM 6th Ctrl Delay		122.9
HCM 6th LOS		F

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	166
Future Volume (veh/h)	166
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1870
Adj Flow Rate, veh/h	0
Peak Hour Factor	0.83
Percent Heavy Veh, %	2
Cap, veh/h	
Arrive On Green	0.00
Sat Flow, veh/h	1585
Grp Volume(v), veh/h	0
Grp Sat Flow(s),veh/h/ln	1585
Q Serve(g_s), s	0.0
Cycle Q Clear(g_c), s	0.0
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	
V/C Ratio(X)	
Avail Cap(c_a), veh/h	
HCM Platoon Ratio	1.00
Upstream Filter(I)	0.00
Uniform Delay (d), s/veh	0.0
Incr Delay (d2), s/veh	0.0
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.0
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	0.0
LnGrp LOS	
Approach Vol, veh/h	A
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

2023 Background Conditions

Queues
Vernadoe-Wiggins Tract
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard
2023 Background AM



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	16	211	128	20	32	34	1141	91	50	1885	4
v/c Ratio	0.14	0.85	2.61	0.13	0.15	0.18	0.52	0.08	0.13	0.75	0.00
Control Delay	62.2	56.2	804.4	61.2	1.4	7.7	8.3	1.6	3.7	15.4	0.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	62.2	56.2	804.4	61.2	1.4	7.7	8.3	1.6	3.7	15.4	0.0
Queue Length 50th (ft)	14	83	~195	17	0	4	128	1	8	595	0
Queue Length 95th (ft)	27	65	#327	32	0	m10	187	9	10	700	0
Internal Link Dist (ft)		451		1235			2132			2600	
Turn Bay Length (ft)					175	400		375	425		300
Base Capacity (vph)	118	248	49	159	216	223	2189	1110	430	2504	1179
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.14	0.85	2.61	0.13	0.15	0.15	0.52	0.08	0.12	0.75	0.00

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

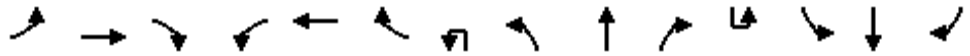
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2023 Background AM



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations														
Traffic Volume (veh/h)	10	23	140	114	13	18	4	24	924	60	2	26	1810	1
Future Volume (veh/h)	10	23	140	114	13	18	4	24	924	60	2	26	1810	1
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach		No			No				No				No	
Adj Sat Flow, veh/h/ln	1870	1767	1767	1767	1870	1811		1707	1663	1826		1870	1826	1870
Adj Flow Rate, veh/h	16	40	0	128	20	0		29	1141	0		46	1885	0
Peak Hour Factor	0.63	0.58	0.82	0.89	0.65	0.56		0.82	0.81	0.66		0.57	0.96	0.25
Percent Heavy Veh, %	2	9	9	9	2	6		13	16	5		2	5	2
Cap, veh/h	157	151		135	160			206	2182			412	2434	
Arrive On Green	0.09	0.09	0.00	0.09	0.09	0.00		0.05	0.69	0.00		0.06	0.70	0.00
Sat Flow, veh/h	1392	1767	0	1291	1870	1535		1626	3159	1547		1781	3469	1585
Grp Volume(v), veh/h	16	40	0	128	20	0		29	1141	0		46	1885	0
Grp Sat Flow(s),veh/h/ln	1392	1767	0	1291	1870	1535		1626	1580	1547		1781	1735	1585
Q Serve(g_s), s	1.5	3.0	0.0	9.0	1.4	0.0		0.6	24.5	0.0		0.9	49.7	0.0
Cycle Q Clear(g_c), s	2.9	3.0	0.0	12.0	1.4	0.0		0.6	24.5	0.0		0.9	49.7	0.0
Prop In Lane	1.00		0.00	1.00		1.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	157	151		135	160			206	2182			412	2434	
V/C Ratio(X)	0.10	0.26		0.95	0.12			0.14	0.52			0.11	0.77	
Avail Cap(c_a), veh/h	157	151		135	160			273	2182			465	2434	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00	1.00	0.00
Uniform Delay (d), s/veh	60.5	59.9	0.0	67.1	59.1	0.0		14.6	10.5	0.0		6.9	13.6	0.0
Incr Delay (d2), s/veh	0.3	0.9	0.0	62.1	0.3	0.0		0.3	0.9	0.0		0.1	2.5	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.6	1.4	0.0	7.0	0.7	0.0		0.3	7.5	0.0		0.3	16.5	0.0
Unsig. Movement Delay, s/veh														
LnGrp Delay(d),s/veh	60.8	60.8	0.0	129.2	59.5	0.0		14.9	11.4	0.0		7.0	16.1	0.0
LnGrp LOS	E	E		F	E			B	B			A	B	
Approach Vol, veh/h		56	A		148	A			1170	A			1931	A
Approach Delay, s/veh		60.8			119.7				11.5				15.9	
Approach LOS		E			F				B				B	

Timer - Assigned Phs	1	2		4	5	6		8						
Phs Duration (G+Y+Rc), s	14.3	105.7		20.0	15.8	104.2		20.0						
Change Period (Y+Rc), s	7.5	7.5		8.0	7.5	7.5		8.0						
Max Green Setting (Gmax), s	12.5	92.5		12.0	12.5	92.5		12.0						
Max Q Clear Time (g_c+I1), s	2.9	51.7		5.0	2.9	26.5		14.0						
Green Ext Time (p_c), s	0.0	40.3		0.1	0.0	51.8		0.0						

Intersection Summary	
HCM 6th Ctrl Delay	19.7
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection	
Int Delay, s/veh	261.4

Movement	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Vol, veh/h	105	31	33	982	66	4	2064
Future Vol, veh/h	105	31	33	982	66	4	2064
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	Yield	-	-	Free	-	None
Storage Length	0	0	400	-	375	450	-
Veh in Median Storage, #	0	-	-	0	-	-	0
Grade, %	0	-	-	0	-	-	0
Peak Hour Factor	92	68	73	89	81	50	95
Heavy Vehicles, %	2	3	2	15	5	2	5
Mvmt Flow	114	46	45	1103	81	8	2173

Major/Minor	Minor1		Major1			Major2	
Conflicting Flow All	2296	552	2173	0	-	1103	0
Stage 1	1193	-	-	-	-	-	-
Stage 2	1103	-	-	-	-	-	-
Critical Hdwy	6.84	6.96	6.44	-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-
Follow-up Hdwy	3.52	3.33	2.52	-	-	2.22	-
Pot Cap-1 Maneuver	~ 33	475	57	-	0	629	-
Stage 1	250	-	-	-	0	-	-
Stage 2	279	-	-	-	0	-	-
Platoon blocked, %				-			-
Mov Cap-1 Maneuver	~ 7	475	57	-	-	629	-
Mov Cap-2 Maneuver	~ 7	-	-	-	-	-	-
Stage 1	~ 53	-	-	-	-	-	-
Stage 2	275	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, $	5660.6	7	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBU	NBT	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	57	-	7	475	629	-
HCM Lane V/C Ratio	0.793	-	16.304	0.096	0.013	-
HCM Control Delay (s)	178.8	-	$ 7916.3	13.4	10.8	-
HCM Lane LOS	F	-	F	B	B	-
HCM 95th %tile Q(veh)	3.4	-	16.1	0.3	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive
2023 Background AM



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	130	506	499	131	45	155	1049	69	28	2274	103
v/c Ratio	0.24	1.00	0.93	0.92	0.10	1.03	0.74	0.10	0.51	1.12	0.14
Control Delay	30.2	82.1	59.7	92.0	20.0	145.7	35.9	0.3	77.3	99.6	6.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	30.2	82.1	59.7	92.0	20.0	145.7	35.9	0.3	77.3	99.6	6.4
Queue Length 50th (ft)	76	435	367	77	13	~77	431	0	25	~861	5
Queue Length 95th (ft)	124	369	#603	#118	27	#120	523	0	m34	m#900	m16
Internal Link Dist (ft)		546			1558		3417			6441	
Turn Bay Length (ft)			250	225		325			400		375
Base Capacity (vph)	541	506	539	142	511	150	1417	716	55	2034	711
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.24	1.00	0.93	0.92	0.09	1.03	0.74	0.10	0.51	1.12	0.14

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

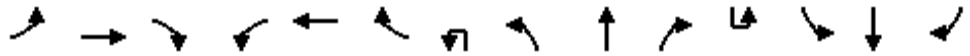
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2023 Background AM



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations														
Traffic Volume (veh/h)	121	30	883	94	13	14	6	110	944	45	2	17	2092	90
Future Volume (veh/h)	121	30	883	94	13	14	6	110	944	45	2	17	2092	90
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach		No			No				No				No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1693	1648	1663		1633	1841	1826
Adj Flow Rate, veh/h	130	0	0	131	20	0		143	1049	0		24	2274	0
Peak Hour Factor	0.93	0.66	0.92	0.72	0.65	0.55		0.77	0.90	0.65		0.71	0.92	0.87
Percent Heavy Veh, %	2	2	2	2	2	2		14	17	16		18	4	5
Cap, veh/h	180	0		196	107			152	2098			56	3271	
Arrive On Green	0.04	0.00	0.00	0.04	0.06	0.00		0.05	0.67	0.00		0.04	0.65	0.00
Sat Flow, veh/h	1781	0	3170	1781	1870	0		3127	3131	1409		1555	5025	1547
Grp Volume(v), veh/h	130	0	0	131	20	0		143	1049	0		24	2274	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585	1781	1870	0		1564	1566	1409		1555	1675	1547
Q Serve(g_s), s	5.0	0.0	0.0	5.0	1.4	0.0		6.4	23.3	0.0		2.1	40.4	0.0
Cycle Q Clear(g_c), s	5.0	0.0	0.0	5.0	1.4	0.0		6.4	23.3	0.0		2.1	40.4	0.0
Prop In Lane	1.00		1.00	1.00		0.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	180	0		196	107			152	2098			56	3271	
V/C Ratio(X)	0.72	0.00		0.67	0.19			0.94	0.50			0.43	0.70	
Avail Cap(c_a), veh/h	180	0		196	561			152	2098			56	3271	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00	1.00	0.00
Uniform Delay (d), s/veh	63.2	0.0	0.0	62.5	62.9	0.0		66.4	11.5	0.0		66.1	15.6	0.0
Incr Delay (d2), s/veh	13.2	0.0	0.0	8.5	0.8	0.0		55.0	0.9	0.0		2.0	1.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.1	0.0	0.0	2.6	0.7	0.0		3.7	7.6	0.0		0.9	14.2	0.0
Unsig. Movement Delay, s/veh														
LnGrp Delay(d),s/veh	76.4	0.0	0.0	71.0	63.8	0.0		121.5	12.3	0.0		68.1	16.8	0.0
LnGrp LOS	E	A		E	E			F	B			E	B	
Approach Vol, veh/h		130	A		151	A			1192	A			2298	A
Approach Delay, s/veh		76.4			70.0				25.4				17.4	
Approach LOS		E			E				C				B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.0	98.0	11.0	17.0	11.3	100.7	11.0	17.0
Change Period (Y+Rc), s	7.2	6.9	6.0	9.0	* 6.3	6.9	6.0	9.0
Max Green Setting (Gmax), s	6.8	57.1	5.0	42.0	* 5	59.8	5.0	42.0
Max Q Clear Time (g_c+I1), s	7.4	42.4	7.0	0.0	4.1	25.3	7.0	3.4
Green Ext Time (p_c), s	0.0	14.7	0.0	0.0	0.0	27.4	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	24.0
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2023 Background PM



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	16	79	132	36	57	139	2208	180	155	1412	20
v/c Ratio	0.09	0.28	0.73	0.14	0.19	0.47	1.04	0.18	0.66	0.67	0.02
Control Delay	52.1	19.0	81.4	53.2	4.0	17.0	45.6	2.8	47.7	21.9	0.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	52.1	19.0	81.4	53.2	4.0	17.0	45.6	2.8	47.7	21.9	0.0
Queue Length 50th (ft)	13	13	121	30	0	26	~1213	24	89	433	0
Queue Length 95th (ft)	32	41	179	38	12	m4	m848	m27	145	646	0
Internal Link Dist (ft)		451		1235			2132			2600	
Turn Bay Length (ft)					175	400		375	425		300
Base Capacity (vph)	395	519	380	539	522	300	2120	995	236	2109	1007
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.15	0.35	0.07	0.11	0.46	1.04	0.18	0.66	0.67	0.02

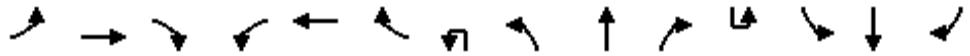
Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2023 Background PM



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Lane Configurations														
Traffic Volume (veh/h)	13	12	47	115	20	50	1	88	2098	158	5	116	1299	9
Future Volume (veh/h)	13	12	47	115	20	50	1	88	2098	158	5	116	1299	9
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach		No			No				No				No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1870	1870	1870		1870	1826	1870
Adj Flow Rate, veh/h	16	16	0	132	36	0		135	2208	0		143	1412	0
Peak Hour Factor	0.81	0.75	0.75	0.87	0.56	0.88		0.65	0.95	0.88		0.81	0.92	0.45
Percent Heavy Veh, %	2	2	2	2	2	2		2	2	2		2	5	2
Cap, veh/h	187	220		203	220			331	2327			188	2272	
Arrive On Green	0.12	0.12	0.00	0.12	0.12	0.00		0.07	0.65	0.00		0.07	0.66	0.00
Sat Flow, veh/h	1372	1870	0	1397	1870	1585		1781	3554	1585		1781	3469	1585
Grp Volume(v), veh/h	16	16	0	132	36	0		135	2208	0		143	1412	0
Grp Sat Flow(s),veh/h/ln	1372	1870	0	1397	1870	1585		1781	1777	1585		1781	1735	1585
Q Serve(g_s), s	1.5	1.1	0.0	13.5	2.5	0.0		3.3	82.1	0.0		6.0	34.3	0.0
Cycle Q Clear(g_c), s	4.0	1.1	0.0	14.6	2.5	0.0		3.3	82.1	0.0		6.0	34.3	0.0
Prop In Lane	1.00		0.00	1.00		1.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	187	220		203	220			331	2327			188	2272	
V/C Ratio(X)	0.09	0.07		0.65	0.16			0.41	0.95			0.76	0.62	
Avail Cap(c_a), veh/h	423	542		444	542			338	2327			194	2272	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00	1.00	0.00
Uniform Delay (d), s/veh	59.4	56.9	0.0	63.4	57.5	0.0		12.3	22.8	0.0		45.3	14.6	0.0
Incr Delay (d2), s/veh	0.2	0.1	0.0	3.5	0.3	0.0		0.8	10.0	0.0		15.7	1.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.6	0.5	0.0	5.0	1.2	0.0		1.2	32.1	0.0		5.8	12.2	0.0
Unsig. Movement Delay, s/veh														
LnGrp Delay(d),s/veh	59.6	57.1	0.0	66.9	57.9	0.0		13.1	32.8	0.0		61.0	15.8	0.0
LnGrp LOS	E	E		E	E			B	C			E	B	
Approach Vol, veh/h		32	A		168	A			2343	A			1555	A
Approach Delay, s/veh		58.3			64.9				31.6				20.0	
Approach LOS		E			E				C				B	

Timer - Assigned Phs	1	2		4	5	6		8						
Phs Duration (G+Y+Rc), s	17.5	102.5		25.1	17.5	102.5		25.1						
Change Period (Y+Rc), s	7.5	7.5		8.0	7.5	7.5		8.0						
Max Green Setting (Gmax), s	10.5	69.5		42.0	10.5	69.5		42.0						
Max Q Clear Time (g_c+I1), s	5.3	36.3		6.0	8.0	84.1		16.6						
Green Ext Time (p_c), s	0.1	31.3		0.1	0.1	0.0		0.5						

Intersection Summary	
HCM 6th Ctrl Delay	28.8
HCM 6th LOS	C

Notes

User approved ignoring U-Turning movement.

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection	
Int Delay, s/veh	119

Movement	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Vol, veh/h	48	41	27	2304	106	37	1425
Future Vol, veh/h	48	41	27	2304	106	37	1425
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	Yield	-	-	Free	-	None
Storage Length	0	0	400	-	375	450	-
Veh in Median Storage, #	0	-	-	0	-	-	0
Grade, %	0	-	-	0	-	-	0
Peak Hour Factor	80	89	81	95	93	82	96
Heavy Vehicles, %	7	2	2	2	2	2	5
Mvmt Flow	60	46	33	2425	114	45	1484

Major/Minor	Minor1		Major1			Major2	
Conflicting Flow All	3323	1213	1484	0	-	2425	0
Stage 1	2491	-	-	-	-	-	-
Stage 2	832	-	-	-	-	-	-
Critical Hdwy	6.94	6.94	6.44	-	-	4.14	-
Critical Hdwy Stg 1	5.94	-	-	-	-	-	-
Critical Hdwy Stg 2	5.94	-	-	-	-	-	-
Follow-up Hdwy	3.57	3.32	2.52	-	-	2.22	-
Pot Cap-1 Maneuver	~ 6	174	162	-	0	192	-
Stage 1	~ 45	-	-	-	0	-	-
Stage 2	375	-	-	-	0	-	-
Platoon blocked, %				-			-
Mov Cap-1 Maneuver	~ 4	174	162	-	-	192	-
Mov Cap-2 Maneuver	~ 4	-	-	-	-	-	-
Stage 1	~ 36	-	-	-	-	-	-
Stage 2	287	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, $	4570.7	0.4	0.9
HCM LOS	F		

Minor Lane/Major Mvmt	NBU	NBT	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	162	-	4	174	192	-
HCM Lane V/C Ratio	0.206	-	15	0.265	0.235	-
HCM Control Delay (s)	32.9	-	$ 8054.7	33	29.4	-
HCM Lane LOS	D	-	F	D	D	-
HCM 95th %tile Q(veh)	0.7	-	9.4	1	0.9	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive
2023 Background PM



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	136	198	175	151	282	448	2388	317	98	1316	204
v/c Ratio	0.75	0.60	0.41	0.63	0.81	0.81	1.42	0.38	0.53	0.65	0.26
Control Delay	68.1	56.8	8.9	55.3	71.2	70.2	222.5	15.4	69.9	32.6	9.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	68.1	56.8	8.9	55.3	71.2	70.2	222.5	15.4	69.9	32.6	9.6
Queue Length 50th (ft)	100	170	0	112	248	212	~1592	102	79	398	57
Queue Length 95th (ft)	129	150	38	138	331	239	#1794	192	m135	m497	m98
Internal Link Dist (ft)		546			1558		3417			6441	
Turn Bay Length (ft)			250	225		325			400		375
Base Capacity (vph)	182	500	560	241	527	581	1685	826	186	2037	772
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.75	0.40	0.31	0.63	0.54	0.77	1.42	0.38	0.53	0.65	0.26

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2023 Background PM



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations													
Traffic Volume (veh/h)	109	87	184	118	194	59	5	365	2269	301	93	1237	169
Future Volume (veh/h)	109	87	184	118	194	59	5	365	2269	301	93	1237	169
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No				No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1870	1870		1856	1870	1870	1870	1826	1870
Adj Flow Rate, veh/h	136	208	0	151	209	0		440	2388	0	98	1316	0
Peak Hour Factor	0.80	0.61	0.80	0.78	0.93	0.81		0.83	0.95	0.95	0.95	0.94	0.83
Percent Heavy Veh, %	2	2	2	5	2	2		3	2	2	2	5	2
Cap, veh/h	133	240		132	240			488	2120		82	2464	
Arrive On Green	0.03	0.13	0.00	0.03	0.13	0.00		0.14	0.60	0.00	0.05	0.49	0.00
Sat Flow, veh/h	1781	1870	1585	1739	1870	0		3428	3554	1585	1781	4985	1585
Grp Volume(v), veh/h	136	208	0	151	209	0		440	2388	0	98	1316	0
Grp Sat Flow(s),veh/h/ln	1781	1870	1585	1739	1870	0		1714	1777	1585	1781	1662	1585
Q Serve(g_s), s	5.0	15.8	0.0	5.0	15.9	0.0		18.3	86.5	0.0	6.7	26.3	0.0
Cycle Q Clear(g_c), s	5.0	15.8	0.0	5.0	15.9	0.0		18.3	86.5	0.0	6.7	26.3	0.0
Prop In Lane	1.00		1.00	1.00		0.00		1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	133	240		132	240			488	2120		82	2464	
V/C Ratio(X)	1.02	0.87		1.15	0.87			0.90	1.13		1.19	0.53	
Avail Cap(c_a), veh/h	133	542		132	542			539	2120		82	2464	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	62.5	62.0	0.0	62.7	62.0	0.0		61.2	29.3	0.0	69.2	25.2	0.0
Incr Delay (d2), s/veh	84.2	9.1	0.0	123.2	9.4	0.0		16.4	63.7	0.0	159.3	0.8	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.5	7.9	0.0	7.0	8.3	0.0		8.9	52.2	0.0	6.6	10.2	0.0
Unsig. Movement Delay, s/veh													
LnGrp Delay(d),s/veh	146.7	71.1	0.0	185.9	71.4	0.0		77.6	93.0	0.0	228.5	26.0	0.0
LnGrp LOS	F	E		F	E			E	F		F	C	
Approach Vol, veh/h		344	A		360	A			2828	A		1414	A
Approach Delay, s/veh		101.0			119.4				90.6			40.1	
Approach LOS		F			F				F			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	27.8	78.6	11.0	27.6	13.0	93.4	11.0	27.6
Change Period (Y+Rc), s	7.2	6.9	6.0	9.0	* 6.3	6.9	6.0	9.0
Max Green Setting (Gmax), s	22.8	46.1	5.0	42.0	* 6.7	63.1	5.0	42.0
Max Q Clear Time (g_c+I1), s	20.3	28.3	7.0	17.8	8.7	88.5	7.0	17.9
Green Ext Time (p_c), s	0.3	16.4	0.0	0.6	0.0	0.0	0.0	0.7

Intersection Summary	
HCM 6th Ctrl Delay	79.0
HCM 6th LOS	E

Notes

User approved volume balancing among the lanes for turning movement.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

2023 Build-out Conditions

Queues
Vernadoe-Wiggins Tract
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard
2023 Build AM



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	16	211	128	20	32	34	1162	91	50	1960	4
v/c Ratio	0.14	0.85	2.61	0.13	0.15	0.19	0.53	0.08	0.13	0.78	0.00
Control Delay	62.2	56.2	804.4	61.2	1.4	9.1	10.1	2.4	3.7	16.5	0.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	62.2	56.2	804.4	61.2	1.4	9.1	10.1	2.4	3.7	16.5	0.0
Queue Length 50th (ft)	14	83	~195	17	0	5	181	0	8	651	0
Queue Length 95th (ft)	27	65	#327	32	0	m10	220	m7	10	766	0
Internal Link Dist (ft)		451		1235			2132			2600	
Turn Bay Length (ft)					175	400		375	425		300
Base Capacity (vph)	118	248	49	159	216	211	2189	1110	422	2504	1179
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.14	0.85	2.61	0.13	0.15	0.16	0.53	0.08	0.12	0.78	0.00

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2023 Build AM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	10	23	140	114	13	18	4	24	941	60	2	26
Future Volume (veh/h)	10	23	140	114	13	18	4	24	941	60	2	26
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1767	1767	1767	1870	1811		1707	1663	1826		1870
Adj Flow Rate, veh/h	16	40	0	128	20	0		29	1162	0		46
Peak Hour Factor	0.63	0.58	0.82	0.89	0.65	0.56		0.82	0.81	0.66		0.57
Percent Heavy Veh, %	2	9	9	9	2	6		13	16	5		2
Cap, veh/h	157	151		135	160			194	2182			404
Arrive On Green	0.09	0.09	0.00	0.09	0.09	0.00		0.05	0.69	0.00		0.06
Sat Flow, veh/h	1392	1767	0	1291	1870	1535		1626	3159	1547		1781
Grp Volume(v), veh/h	16	40	0	128	20	0		29	1162	0		46
Grp Sat Flow(s),veh/h/ln	1392	1767	0	1291	1870	1535		1626	1580	1547		1781
Q Serve(g_s), s	1.5	3.0	0.0	9.0	1.4	0.0		0.6	25.2	0.0		0.9
Cycle Q Clear(g_c), s	2.9	3.0	0.0	12.0	1.4	0.0		0.6	25.2	0.0		0.9
Prop In Lane	1.00		0.00	1.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	157	151		135	160			194	2182			404
V/C Ratio(X)	0.10	0.26		0.95	0.12			0.15	0.53			0.11
Avail Cap(c_a), veh/h	157	151		135	160			261	2182			457
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00
Uniform Delay (d), s/veh	60.5	59.9	0.0	67.1	59.1	0.0		16.7	10.6	0.0		7.0
Incr Delay (d2), s/veh	0.3	0.9	0.0	62.1	0.3	0.0		0.4	0.9	0.0		0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	0.6	1.4	0.0	7.0	0.7	0.0		0.4	7.7	0.0		0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	60.8	60.8	0.0	129.2	59.5	0.0		17.0	11.5	0.0		7.1
LnGrp LOS	E	E		F	E			B	B			A
Approach Vol, veh/h		56	A		148	A			1191	A		
Approach Delay, s/veh		60.8			119.7				11.7			
Approach LOS		E			F				B			

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	14.3	105.7		20.0	15.8	104.2		20.0				
Change Period (Y+Rc), s	7.5	7.5		8.0	7.5	7.5		8.0				
Max Green Setting (Gmax), s	12.5	92.5		12.0	12.5	92.5		12.0				
Max Q Clear Time (g_c+I1), s	2.6	56.2		5.0	2.9	27.2		14.0				
Green Ext Time (p_c), s	0.0	36.0		0.1	0.0	52.1		0.0				

Intersection Summary	
HCM 6th Ctrl Delay	20.4
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2023 Build AM



Movement	SBT	SBR
Lane Configurations		
Traffic Volume (veh/h)	1882	1
Future Volume (veh/h)	1882	1
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1826	1870
Adj Flow Rate, veh/h	1960	0
Peak Hour Factor	0.96	0.25
Percent Heavy Veh, %	5	2
Cap, veh/h	2434	
Arrive On Green	0.70	0.00
Sat Flow, veh/h	3469	1585
Grp Volume(v), veh/h	1960	0
Grp Sat Flow(s),veh/h/ln	1735	1585
Q Serve(g_s), s	54.2	0.0
Cycle Q Clear(g_c), s	54.2	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	2434	
V/C Ratio(X)	0.81	
Avail Cap(c_a), veh/h	2434	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	0.00
Uniform Delay (d), s/veh	14.3	0.0
Incr Delay (d2), s/veh	3.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	18.1	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	17.3	0.0
LnGrp LOS	B	
Approach Vol, veh/h	2006	A
Approach Delay, s/veh	17.0	
Approach LOS	B	
Timer - Assigned Phs		

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection	
Int Delay, s/veh	57.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations													
Traffic Vol, veh/h	17	0	61	105	0	31	33	191	982	66	4	2064	72
Future Vol, veh/h	17	0	61	105	0	31	33	191	982	66	4	2064	72
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	Yield	-	-	-	Free	-	-	None
Storage Length	0	-	-	0	-	175	-	400	-	375	450	-	-
Veh in Median Storage, #	-	0	-	-	1	-	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	92	90	68	73	90	89	81	50	95	90
Heavy Vehicles, %	8	2	41	2	2	3	2	16	15	5	2	5	3
Mvmt Flow	19	0	68	114	0	46	45	212	1103	81	8	2173	80

Major/Minor	Minor2			Minor1			Major1				Major2		
Conflicting Flow All	3295	3846	1127	2720	3886	552	2253	2253	0	-	1103	0	0
Stage 1	2229	2229	-	1617	1617	-	-	-	-	-	-	-	-
Stage 2	1066	1617	-	1103	2269	-	-	-	-	-	-	-	-
Critical Hdwy	7.66	6.54	7.72	7.54	6.54	6.96	6.44	4.42	-	-	4.14	-	-
Critical Hdwy Stg 1	6.66	5.54	-	6.54	5.54	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.66	5.54	-	6.54	5.54	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.58	4.02	3.71	3.52	4.02	3.33	2.52	2.36	-	-	2.22	-	-
Pot Cap-1 Maneuver	~ 3	4	146	~ 10	3	475	50	~ 184	-	0	629	-	-
Stage 1	40	79	-	~ 108	161	-	-	-	-	0	-	-	-
Stage 2	227	161	-	225	75	-	-	-	-	0	-	-	-
Platoon blocked, %									-			-	-
Mov Cap-1 Maneuver	-	0	146	-	0	475	95	~ 95	-	-	629	-	-
Mov Cap-2 Maneuver	-	0	-	486	0	-	-	-	-	-	-	-	-
Stage 1	40	78	-	~ 108	0	-	-	-	-	-	-	-	-
Stage 2	-	0	-	119	74	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s			164.5	0
HCM LOS	-	-		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	WBLn1	WBLn2	WBLn3	SBL	SBT	SBR
Capacity (veh/h)	~ 95	-	-	146	-	-	475	629	-	-
HCM Lane V/C Ratio	2.71	-	-	0.464	-	-	0.096	0.013	-	-
HCM Control Delay (s)	$ 869.4	-	-	49.4	-	0	13.4	10.8	-	-
HCM Lane LOS	F	-	-	E	-	A	B	B	-	-
HCM 95th %tile Q(veh)	24.3	-	-	2.1	-	-	0.3	0	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive
2023 Build AM



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	209	506	499	131	45	155	1182	69	28	2323	122
v/c Ratio	0.39	1.00	0.93	0.92	0.10	1.03	0.84	0.10	0.51	1.15	0.17
Control Delay	34.1	82.1	59.7	92.0	20.0	145.7	40.9	0.3	76.6	113.8	8.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	34.1	82.1	59.7	92.0	20.0	145.7	40.9	0.3	76.6	113.8	8.6
Queue Length 50th (ft)	128	435	367	77	13	~77	523	0	25	~903	11
Queue Length 95th (ft)	193	369	#603	#118	27	#120	#644	0	m33	m#945	m27
Internal Link Dist (ft)		546			1558		3417			6441	
Turn Bay Length (ft)			250	225		325			400		375
Base Capacity (vph)	541	506	539	142	511	150	1405	716	55	2014	711
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.39	1.00	0.93	0.92	0.09	1.03	0.84	0.10	0.51	1.15	0.17

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary — Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive — 2023 Build AM



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	192	30	883	94	13	14	6	110	1064	45	2	17
Future Volume (veh/h)	192	30	883	94	13	14	6	110	1064	45	2	17
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1693	1633	1663		1633
Adj Flow Rate, veh/h	209	0	0	131	20	0		143	1182	0		24
Peak Hour Factor	0.92	0.66	0.92	0.72	0.65	0.55		0.77	0.90	0.65		0.71
Percent Heavy Veh, %	2	2	2	2	2	2		14	18	16		18
Cap, veh/h	180	0		196	107			152	2080			56
Arrive On Green	0.04	0.00	0.00	0.04	0.06	0.00		0.05	0.67	0.00		0.04
Sat Flow, veh/h	1781	0	3170	1781	1870	0		3127	3103	1409		1555
Grp Volume(v), veh/h	209	0	0	131	20	0		143	1182	0		24
Grp Sat Flow(s),veh/h/ln	1781	0	1585	1781	1870	0		1564	1552	1409		1555
Q Serve(g_s), s	5.0	0.0	0.0	5.0	1.4	0.0		6.4	28.4	0.0		2.1
Cycle Q Clear(g_c), s	5.0	0.0	0.0	5.0	1.4	0.0		6.4	28.4	0.0		2.1
Prop In Lane	1.00		1.00	1.00		0.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	180	0		196	107			152	2080			56
V/C Ratio(X)	1.16	0.00		0.67	0.19			0.94	0.57			0.43
Avail Cap(c_a), veh/h	180	0		196	561			152	2080			56
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00
Uniform Delay (d), s/veh	65.1	0.0	0.0	62.5	62.9	0.0		66.4	12.3	0.0		66.1
Incr Delay (d2), s/veh	116.7	0.0	0.0	8.5	0.8	0.0		55.0	1.1	0.0		2.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	9.7	0.0	0.0	2.6	0.7	0.0		3.7	9.2	0.0		0.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	181.8	0.0	0.0	71.0	63.8	0.0		121.5	13.4	0.0		68.1
LnGrp LOS	F	A		E	E			F	B			E
Approach Vol, veh/h		209	A		151	A			1325	A		
Approach Delay, s/veh		181.8			70.0				25.1			
Approach LOS		F			E				C			

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.0	98.0	11.0	17.0	11.3	100.7	11.0	17.0
Change Period (Y+Rc), s	7.2	6.9	6.0	9.0	* 6.3	6.9	6.0	9.0
Max Green Setting (Gmax), s	6.8	57.1	5.0	42.0	* 5	59.8	5.0	42.0
Max Q Clear Time (g_c+I1), s	8.4	44.7	7.0	0.0	4.1	30.4	7.0	3.4
Green Ext Time (p_c), s	0.0	12.4	0.0	0.0	0.0	25.5	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	30.7
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Movement	SBT	SBR
Lane Configurations	↑↑↑	↱
Traffic Volume (veh/h)	2137	106
Future Volume (veh/h)	2137	106
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1826	1826
Adj Flow Rate, veh/h	2323	0
Peak Hour Factor	0.92	0.87
Percent Heavy Veh, %	5	5
Cap, veh/h	3244	
Arrive On Green	0.65	0.00
Sat Flow, veh/h	4985	1547
Grp Volume(v), veh/h	2323	0
Grp Sat Flow(s),veh/h/ln	1662	1547
Q Serve(g_s), s	42.7	0.0
Cycle Q Clear(g_c), s	42.7	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	3244	
V/C Ratio(X)	0.72	
Avail Cap(c_a), veh/h	3244	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	0.00
Uniform Delay (d), s/veh	16.0	0.0
Incr Delay (d2), s/veh	1.4	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	14.9	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	17.4	0.0
LnGrp LOS	B	
Approach Vol, veh/h	2347	A
Approach Delay, s/veh	17.9	
Approach LOS	B	

Timer - Assigned Phs
Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard
2023 Build PM



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	16	79	132	36	57	139	2278	180	155	1432	20
v/c Ratio	0.09	0.28	0.73	0.14	0.19	0.47	1.07	0.18	0.66	0.68	0.02
Control Delay	52.1	19.0	81.4	53.2	4.0	17.8	59.9	2.8	47.7	22.5	0.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	52.1	19.0	81.4	53.2	4.0	17.8	59.9	2.8	47.7	22.5	0.0
Queue Length 50th (ft)	13	13	121	30	0	27	~1281	24	89	448	0
Queue Length 95th (ft)	32	41	179	38	12	m5	m853	m26	145	666	0
Internal Link Dist (ft)		451		1235			2132			2600	
Turn Bay Length (ft)					175	400		375	425		300
Base Capacity (vph)	395	519	380	539	522	297	2120	994	236	2101	1004
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.15	0.35	0.07	0.11	0.47	1.07	0.18	0.66	0.68	0.02

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
1: SR 21/Augusta Road & Rice Mill Road/Market Boulevard

Vernadoe-Wiggins Tract
2023 Build PM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	13	12	47	115	20	50	1	88	2164	158	5	116
Future Volume (veh/h)	13	12	47	115	20	50	1	88	2164	158	5	116
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1870	1870	1870		1870
Adj Flow Rate, veh/h	16	16	0	132	36	0		135	2278	0		143
Peak Hour Factor	0.81	0.75	0.75	0.87	0.56	0.88		0.65	0.95	0.88		0.81
Percent Heavy Veh, %	2	2	2	2	2	2		2	2	2		2
Cap, veh/h	187	220		203	220			326	2327			178
Arrive On Green	0.12	0.12	0.00	0.12	0.12	0.00		0.07	0.65	0.00		0.07
Sat Flow, veh/h	1372	1870	0	1397	1870	1585		1781	3554	1585		1781
Grp Volume(v), veh/h	16	16	0	132	36	0		135	2278	0		143
Grp Sat Flow(s),veh/h/ln	1372	1870	0	1397	1870	1585		1781	1777	1585		1781
Q Serve(g_s), s	1.5	1.1	0.0	13.5	2.5	0.0		3.3	89.3	0.0		6.8
Cycle Q Clear(g_c), s	4.0	1.1	0.0	14.6	2.5	0.0		3.3	89.3	0.0		6.8
Prop In Lane	1.00		0.00	1.00		1.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	187	220		203	220			326	2327			178
V/C Ratio(X)	0.09	0.07		0.65	0.16			0.41	0.98			0.80
Avail Cap(c_a), veh/h	423	542		444	542			333	2327			185
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		1.00
Uniform Delay (d), s/veh	59.4	56.9	0.0	63.4	57.5	0.0		12.7	24.0	0.0		48.9
Incr Delay (d2), s/veh	0.2	0.1	0.0	3.5	0.3	0.0		0.8	14.3	0.0		21.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	0.6	0.5	0.0	5.0	1.2	0.0		1.3	36.1	0.0		6.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	59.6	57.1	0.0	66.9	57.9	0.0		13.5	38.3	0.0		70.1
LnGrp LOS	E	E		E	E			B	D			E
Approach Vol, veh/h		32	A		168	A			2413	A		
Approach Delay, s/veh		58.3			64.9				36.9			
Approach LOS		E			E				D			

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	17.5	102.5		25.1	17.5	102.5		25.1				
Change Period (Y+Rc), s	7.5	7.5		8.0	7.5	7.5		8.0				
Max Green Setting (Gmax), s	10.5	69.5		42.0	10.5	69.5		42.0				
Max Q Clear Time (g_c+I1), s	5.3	37.2		6.0	8.8	91.3		16.6				
Green Ext Time (p_c), s	0.1	30.7		0.1	0.1	0.0		0.5				

Intersection Summary	
HCM 6th Ctrl Delay	32.2
HCM 6th LOS	C

Notes

User approved ignoring U-Turning movement.

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Movement	SBT	SBR
Lane Configurations		
Traffic Volume (veh/h)	1317	9
Future Volume (veh/h)	1317	9
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1826	1870
Adj Flow Rate, veh/h	1432	0
Peak Hour Factor	0.92	0.45
Percent Heavy Veh, %	5	2
Cap, veh/h	2272	
Arrive On Green	0.66	0.00
Sat Flow, veh/h	3469	1585
Grp Volume(v), veh/h	1432	0
Grp Sat Flow(s),veh/h/ln	1735	1585
Q Serve(g_s), s	35.2	0.0
Cycle Q Clear(g_c), s	35.2	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	2272	
V/C Ratio(X)	0.63	
Avail Cap(c_a), veh/h	2272	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	0.00
Uniform Delay (d), s/veh	14.7	0.0
Incr Delay (d2), s/veh	1.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	12.5	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	16.0	0.0
LnGrp LOS	B	
Approach Vol, veh/h	1575	A
Approach Delay, s/veh	20.9	
Approach LOS	C	
Timer - Assigned Phs		

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Intersection	
Int Delay, s/veh	797.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations													
Traffic Vol, veh/h	66	0	184	48	0	41	27	75	2304	106	37	1425	18
Future Vol, veh/h	66	0	184	48	0	41	27	75	2304	106	37	1425	18
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	Yield	-	-	-	Free	-	-	None
Storage Length	0	-	-	0	-	175	-	400	-	375	450	-	-
Veh in Median Storage, #	-	0	-	-	1	-	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	80	90	89	81	90	95	93	82	96	90
Heavy Vehicles, %	5	2	21	7	2	2	2	53	2	2	2	5	13
Mvmt Flow	73	0	204	60	0	46	33	83	2425	114	45	1484	20

Major/Minor	Minor2			Minor1			Major1				Major2		
Conflicting Flow All	3029	4241	752	3489	4251	1213	1504	1504	0	-	2425	0	0
Stage 1	1584	1584	-	2657	2657	-	-	-	-	-	-	-	-
Stage 2	1445	2657	-	832	1594	-	-	-	-	-	-	-	-
Critical Hdwy	7.6	6.54	7.32	7.64	6.54	6.94	6.44	5.16	-	-	4.14	-	-
Critical Hdwy Stg 1	6.6	5.54	-	6.64	5.54	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.6	5.54	-	6.64	5.54	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.55	4.02	3.51	3.57	4.02	3.32	2.52	2.73	-	-	2.22	-	-
Pot Cap-1 Maneuver	~ 5	2	314	~ 2	2	174	157	256	-	0	192	-	-
Stage 1	110	167	-	~ 21	47	-	-	-	-	0	-	-	-
Stage 2	135	47	-	319	165	-	-	-	-	0	-	-	-
Platoon blocked, %									-			-	-
Mov Cap-1 Maneuver	~ 1	0	314	0	0	174	139	139	-	-	192	-	-
Mov Cap-2 Maneuver	~ 1	0	-	~ 3	4	-	-	-	-	-	-	-	-
Stage 1	~ 17	128	-	~ 3	7	-	-	-	-	-	-	-	-
Stage 2	~ 16	7	-	85	126	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay	$ 10445.6	$ 6164.5	4.6	0.9
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	WBLn1	WBLn2	WBLn3	SBL	SBT	SBR
Capacity (veh/h)	139	-	1	314	3	-	174	192	-	-
HCM Lane V/C Ratio	0.839	-	73.333	0.651	20	-	0.265	0.235	-	-
HCM Control Delay (s)	99.8	$ 39467.6	$ 35510872.2		0		33	29.4	-	-
HCM Lane LOS	F	-	F	E	F	A	D	D	-	-
HCM 95th %tile Q(veh)	5.4	-	11.4	4.3	9.5	-	1	0.9	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive
2023 Build PM



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	154	198	175	151	282	448	2451	317	98	1444	274
v/c Ratio	0.85	0.60	0.41	0.63	0.81	0.81	1.48	0.38	0.53	0.72	0.34
Control Delay	81.5	56.8	8.9	55.3	71.2	70.2	251.0	15.4	71.1	35.2	9.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	81.5	56.8	8.9	55.3	71.2	70.2	251.0	15.4	71.1	35.2	9.0
Queue Length 50th (ft)	114	170	0	112	248	212	~1674	102	79	451	70
Queue Length 95th (ft)	145	150	38	138	331	239	#1872	192	m136	m#578	m121
Internal Link Dist (ft)		546			1558		3417			6441	
Turn Bay Length (ft)			250	225		325			400		375
Base Capacity (vph)	182	500	560	241	527	581	1653	826	186	1999	814
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.85	0.40	0.31	0.63	0.54	0.77	1.48	0.38	0.53	0.72	0.34

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2023 Build PM

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	125	87	184	118	194	59	5	365	2328	301	93	1357
Future Volume (veh/h)	125	87	184	118	194	59	5	365	2328	301	93	1357
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No				No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1870	1870		1856	1841	1870	1870	1796
Adj Flow Rate, veh/h	154	208	0	151	209	0		440	2451	0	98	1444
Peak Hour Factor	0.81	0.61	0.80	0.78	0.93	0.81		0.83	0.95	0.95	0.95	0.94
Percent Heavy Veh, %	2	2	2	5	2	2		3	4	2	2	7
Cap, veh/h	133	240		132	240			488	2086		82	2424
Arrive On Green	0.03	0.13	0.00	0.03	0.13	0.00		0.14	0.60	0.00	0.05	0.49
Sat Flow, veh/h	1781	1870	1585	1739	1870	0		3428	3497	1585	1781	4904
Grp Volume(v), veh/h	154	208	0	151	209	0		440	2451	0	98	1444
Grp Sat Flow(s),veh/h/ln	1781	1870	1585	1739	1870	0		1714	1749	1585	1781	1635
Q Serve(g_s), s	5.0	15.8	0.0	5.0	15.9	0.0		18.3	86.5	0.0	6.7	30.6
Cycle Q Clear(g_c), s	5.0	15.8	0.0	5.0	15.9	0.0		18.3	86.5	0.0	6.7	30.6
Prop In Lane	1.00		1.00	1.00		0.00		1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	133	240		132	240			488	2086		82	2424
V/C Ratio(X)	1.16	0.87		1.15	0.87			0.90	1.17		1.19	0.60
Avail Cap(c_a), veh/h	133	542		132	542			539	2086		82	2424
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	62.5	62.0	0.0	62.7	62.0	0.0		61.2	29.3	0.0	69.2	26.3
Incr Delay (d2), s/veh	126.8	9.1	0.0	123.2	9.4	0.0		16.4	84.1	0.0	159.3	1.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.0	7.9	0.0	7.0	8.3	0.0		8.9	57.3	0.0	6.6	11.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	189.3	71.1	0.0	185.9	71.4	0.0		77.6	113.4	0.0	228.5	27.4
LnGrp LOS	F	E		F	E			E	F		F	C
Approach Vol, veh/h		362	A		360	A			2891	A		1542
Approach Delay, s/veh		121.4			119.4				107.9			40.2
Approach LOS		F			F				F			D

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	27.8	78.6	11.0	27.6	13.0	93.4	11.0	27.6
Change Period (Y+Rc), s	7.2	6.9	6.0	9.0	* 6.3	6.9	6.0	9.0
Max Green Setting (Gmax), s	22.8	46.1	5.0	42.0	* 6.7	63.1	5.0	42.0
Max Q Clear Time (g_c+I1), s	20.3	32.6	7.0	17.8	8.7	88.5	7.0	17.9
Green Ext Time (p_c), s	0.3	12.9	0.0	0.6	0.0	0.0	0.0	0.7

Intersection Summary	
HCM 6th Ctrl Delay	89.4
HCM 6th LOS	F

Notes

User approved volume balancing among the lanes for turning movement.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	233
Future Volume (veh/h)	233
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1870
Adj Flow Rate, veh/h	0
Peak Hour Factor	0.85
Percent Heavy Veh, %	2
Cap, veh/h	
Arrive On Green	0.00
Sat Flow, veh/h	1585
Grp Volume(v), veh/h	0
Grp Sat Flow(s),veh/h/ln	1585
Q Serve(g_s), s	0.0
Cycle Q Clear(g_c), s	0.0
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	
V/C Ratio(X)	
Avail Cap(c_a), veh/h	
HCM Platoon Ratio	1.00
Upstream Filter(I)	0.00
Uniform Delay (d), s/veh	0.0
Incr Delay (d2), s/veh	0.0
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.0
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	0.0
LnGrp LOS	
Approach Vol, veh/h	A
Approach Delay, s/veh	
Approach LOS	

Timer - Assigned Phs
Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

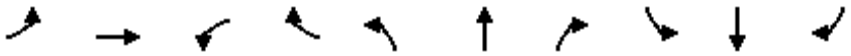
Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

2023 Build-out Conditions
Improved

Queues
2: SR 21/Augusta Road & Site Access/Lakeside Boulevard

Vernadoe-Wiggins Tract
2023 Build AM Improved



Lane Group	EBL	EBT	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	19	68	114	46	257	1103	81	8	2173	80
v/c Ratio	0.08	0.33	0.53	0.12	0.97	0.46	0.07	0.02	1.03	0.08
Control Delay	51.4	6.3	64.2	0.6	94.6	8.4	0.7	4.5	56.9	0.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	51.4	6.3	64.2	0.6	94.6	8.4	0.7	4.5	56.9	0.9
Queue Length 50th (ft)	16	0	98	0	~234	186	0	2	~1194	0
Queue Length 95th (ft)	41	11	161	0	#419	321	5	3	#1323	10
Internal Link Dist (ft)		959				6441			2132	
Turn Bay Length (ft)				175	400		375	450		
Base Capacity (vph)	224	219	215	413	266	2385	1195	406	2108	1003
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.08	0.31	0.53	0.11	0.97	0.46	0.07	0.02	1.03	0.08

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
2: SR 21/Augusta Road & Site Access/Lakeside Boulevard

Vernadoe-Wiggins Tract
2023 Build AM Improved



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	17	0	61	105	0	31	33	191	982	66	4	2064
Future Volume (veh/h)	17	0	61	105	0	31	33	191	982	66	4	2064
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No				No			No
Adj Sat Flow, veh/h/ln	1781	1870	1870	1870	1870	1856		1663	1678	1826	1870	1826
Adj Flow Rate, veh/h	19	0	68	114	0	0		212	1103	0	8	2173
Peak Hour Factor	0.90	0.90	0.90	0.92	0.90	0.68		0.90	0.89	0.81	0.50	0.95
Percent Heavy Veh, %	8	2	2	2	2	3		16	15	5	2	5
Cap, veh/h	276	0	145	234	216			218	2254		381	2181
Arrive On Green	0.04	0.00	0.09	0.07	0.00	0.00		0.11	0.71	0.00	0.03	0.63
Sat Flow, veh/h	1697	0	1585	1781	1870	1572		1584	3188	1547	1781	3469
Grp Volume(v), veh/h	19	0	68	114	0	0		212	1103	0	8	2173
Grp Sat Flow(s),veh/h/ln	1697	0	1585	1781	1870	1572		1584	1594	1547	1781	1735
Q Serve(g_s), s	1.4	0.0	6.1	8.6	0.0	0.0		15.4	23.3	0.0	0.2	93.3
Cycle Q Clear(g_c), s	1.4	0.0	6.1	8.6	0.0	0.0		15.4	23.3	0.0	0.2	93.3
Prop In Lane	1.00		1.00	1.00		1.00		1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	276	0	145	234	216			218	2254		381	2181
V/C Ratio(X)	0.07	0.00	0.47	0.49	0.00			0.97	0.49		0.02	1.00
Avail Cap(c_a), veh/h	317	0	169	234	216			218	2254		449	2181
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00		0.52	0.52	0.00	0.32	0.32
Uniform Delay (d), s/veh	53.8	0.0	64.7	57.0	0.0	0.0		55.8	9.8	0.0	7.1	27.7
Incr Delay (d2), s/veh	0.1	0.0	2.4	1.6	0.0	0.0		36.8	0.4	0.0	0.0	10.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.6	0.0	2.6	4.0	0.0	0.0		10.0	7.0	0.0	0.1	36.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	53.9	0.0	67.1	58.5	0.0	0.0		92.6	10.2	0.0	7.1	37.7
LnGrp LOS	D	A	E	E	A			F	B		A	D
Approach Vol, veh/h		87			114	A			1315	A		2261
Approach Delay, s/veh		64.2			58.5				23.5			36.6
Approach LOS		E			E				C			D

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	20.0	98.3	14.0	17.7	8.3	110.1	10.4	21.3
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Max Green Setting (Gmax), s	14.0	90.0	8.0	14.0	8.0	96.0	8.0	14.0
Max Q Clear Time (g_c+I1), s	17.4	95.3	10.6	8.1	2.2	25.3	3.4	0.0
Green Ext Time (p_c), s	0.0	0.0	0.0	0.1	0.0	21.0	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	33.4
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
Unsignalized Delay for [NBR, WBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	72
Future Volume (veh/h)	72
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1856
Adj Flow Rate, veh/h	80
Peak Hour Factor	0.90
Percent Heavy Veh, %	3
Cap, veh/h	989
Arrive On Green	0.63
Sat Flow, veh/h	1572
Grp Volume(v), veh/h	80
Grp Sat Flow(s),veh/h/ln	1572
Q Serve(g_s), s	3.0
Cycle Q Clear(g_c), s	3.0
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	989
V/C Ratio(X)	0.08
Avail Cap(c_a), veh/h	989
HCM Platoon Ratio	1.00
Upstream Filter(I)	0.32
Uniform Delay (d), s/veh	10.9
Incr Delay (d2), s/veh	0.1
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	1.1
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	10.9
LnGrp LOS	B
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
Vernadoe-Wiggins Tract
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive
2023 Build AM Improved



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	209	506	499	131	45	155	1182	69	28	2323	122
v/c Ratio	0.37	1.02	1.02	0.66	0.15	0.81	0.86	0.09	0.37	1.19	0.17
Control Delay	30.9	82.6	82.0	46.0	27.1	94.1	43.8	0.3	77.9	130.1	0.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	30.9	82.6	82.0	46.0	27.1	94.1	43.8	0.3	77.9	130.1	0.5
Queue Length 50th (ft)	128	~411	~403	77	15	73	532	0	25	~935	0
Queue Length 95th (ft)	193	318	#648	97	32	#98	#713	0	46	#1024	0
Internal Link Dist (ft)		546			1558		3417			6441	
Turn Bay Length (ft)			250	225		325			400		375
Base Capacity (vph)	620	495	490	219	344	194	1367	730	108	1947	725
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.34	1.02	1.02	0.60	0.13	0.80	0.86	0.09	0.26	1.19	0.17

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
3: SR 21/Augusta Road & SR 30/Piedmont Ave/Black Creek Drive

Vernadoe-Wiggins Tract
2023 Build AM Improved

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Lane Configurations												
Traffic Volume (veh/h)	192	30	883	94	13	14	6	110	1064	45	2	17
Future Volume (veh/h)	192	30	883	94	13	14	6	110	1064	45	2	17
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0		0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Work Zone On Approach		No			No				No			
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870		1693	1633	1663		1633
Adj Flow Rate, veh/h	209	0	0	131	20	0		143	1182	0		24
Peak Hour Factor	0.92	0.66	0.92	0.72	0.65	0.55		0.77	0.90	0.65		0.71
Percent Heavy Veh, %	2	2	2	2	2	2		14	18	16		18
Cap, veh/h	339	0		338	107			185	1802			56
Arrive On Green	0.13	0.00	0.00	0.08	0.06	0.00		0.06	0.58	0.00		0.04
Sat Flow, veh/h	1781	0	3170	1781	1870	0		3127	3103	1409		1555
Grp Volume(v), veh/h	209	0	0	131	20	0		143	1182	0		24
Grp Sat Flow(s),veh/h/ln	1781	0	1585	1781	1870	0		1564	1552	1409		1555
Q Serve(g_s), s	15.2	0.0	0.0	9.1	1.4	0.0		6.3	36.1	0.0		2.1
Cycle Q Clear(g_c), s	15.2	0.0	0.0	9.1	1.4	0.0		6.3	36.1	0.0		2.1
Prop In Lane	1.00		1.00	1.00		0.00		1.00		1.00		1.00
Lane Grp Cap(c), veh/h	339	0		338	107			185	1802			56
V/C Ratio(X)	0.62	0.00		0.39	0.19			0.77	0.66			0.43
Avail Cap(c_a), veh/h	422	0		363	307			197	1802			108
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	1.00	0.00		1.00	1.00	0.00		0.09
Uniform Delay (d), s/veh	53.1	0.0	0.0	50.6	62.9	0.0		64.9	19.9	0.0		66.1
Incr Delay (d2), s/veh	1.8	0.0	0.0	0.7	0.8	0.0		14.4	1.9	0.0		0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0
%ile BackOfQ(50%),veh/ln	6.7	0.0	0.0	4.2	0.7	0.0		2.8	12.6	0.0		0.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	54.9	0.0	0.0	51.3	63.8	0.0		79.3	21.7	0.0		66.3
LnGrp LOS	D	A		D	E			E	C			E
Approach Vol, veh/h		209	A		151	A			1325	A		
Approach Delay, s/veh		54.9			52.9				28.0			
Approach LOS		D			D				C			

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.5	84.0	17.1	23.4	11.3	88.2	23.5	17.0
Change Period (Y+Rc), s	7.2	6.9	6.0	9.0	* 6.3	6.9	6.0	9.0
Max Green Setting (Gmax), s	8.8	55.1	13.0	34.0	* 9.7	55.1	24.0	23.0
Max Q Clear Time (g_c+I1), s	8.3	56.9	11.1	0.0	4.1	38.1	17.2	3.4
Green Ext Time (p_c), s	0.0	0.0	0.1	0.0	0.0	15.4	0.3	0.0

Intersection Summary	
HCM 6th Ctrl Delay	29.8
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
User approved ignoring U-Turning movement.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Movement	SBT	SBR
Lane Configurations	↑↑↑	↱
Traffic Volume (veh/h)	2137	106
Future Volume (veh/h)	2137	106
Initial Q (Qb), veh	0	0
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1826	1826
Adj Flow Rate, veh/h	2323	0
Peak Hour Factor	0.92	0.87
Percent Heavy Veh, %	5	5
Cap, veh/h	2746	
Arrive On Green	0.55	0.00
Sat Flow, veh/h	4985	1547
Grp Volume(v), veh/h	2323	0
Grp Sat Flow(s),veh/h/ln	1662	1547
Q Serve(g_s), s	54.9	0.0
Cycle Q Clear(g_c), s	54.9	0.0
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	2746	
V/C Ratio(X)	0.85	
Avail Cap(c_a), veh/h	2746	
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	0.09	0.00
Uniform Delay (d), s/veh	26.4	0.0
Incr Delay (d2), s/veh	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	20.2	0.0
Unsig. Movement Delay, s/veh		
LnGrp Delay(d),s/veh	26.8	0.0
LnGrp LOS	C	
Approach Vol, veh/h	2347	A
Approach Delay, s/veh	27.2	
Approach LOS	C	

Timer - Assigned Phs

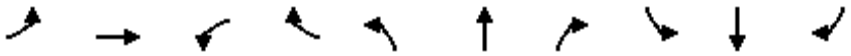
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, EBR, WBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Queues
2: SR 21/Augusta Road & Site Access/Lakeside Boulevard

Vernadoe-Wiggins Tract
2023 Build PM Improved



Lane Group	EBL	EBT	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	73	204	60	46	116	2425	114	45	1484	20
v/c Ratio	0.27	0.73	0.39	0.14	0.56	1.02	0.10	0.27	0.68	0.02
Control Delay	49.9	37.3	54.1	0.9	24.1	49.2	0.8	14.6	21.9	0.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	49.9	37.3	54.1	0.9	24.1	49.2	0.8	14.6	21.9	0.1
Queue Length 50th (ft)	60	68	49	0	29	~1364	0	11	494	0
Queue Length 95th (ft)	99	153	75	0	98	#1617	11	31	668	0
Internal Link Dist (ft)		917				6441			2132	
Turn Bay Length (ft)				175	400		375	450		
Base Capacity (vph)	341	373	154	354	206	2382	1115	169	2169	958
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.21	0.55	0.39	0.13	0.56	1.02	0.10	0.27	0.68	0.02

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

HCM 6th Signalized Intersection Summary
2: SR 21/Augusta Road & Site Access/Lakeside Boulevard

Vernadoe-Wiggins Tract
2023 Build PM Improved



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	66	0	184	48	0	41	27	75	2304	106	37	1425
Future Volume (veh/h)	66	0	184	48	0	41	27	75	2304	106	37	1425
Initial Q (Qb), veh	0	0	0	0	0	0		0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00		1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No				No			No
Adj Sat Flow, veh/h/ln	1826	1870	1870	1796	1870	1870		1115	1870	1870	1870	1826
Adj Flow Rate, veh/h	73	0	204	60	0	0		83	2425	0	45	1484
Peak Hour Factor	0.90	0.90	0.90	0.80	0.90	0.89		0.90	0.95	0.93	0.82	0.96
Percent Heavy Veh, %	5	2	2	7	2	2		53	2	2	2	5
Cap, veh/h	372	0	247	190	288			183	2192		152	2117
Arrive On Green	0.06	0.00	0.16	0.06	0.00	0.00		0.06	0.62	0.00	0.06	0.61
Sat Flow, veh/h	1739	0	1585	1711	1870	1585		1061	3554	1585	1781	3469
Grp Volume(v), veh/h	73	0	204	60	0	0		83	2425	0	45	1484
Grp Sat Flow(s),veh/h/ln	1739	0	1585	1711	1870	1585		1061	1777	1585	1781	1735
Q Serve(g_s), s	5.1	0.0	18.7	4.3	0.0	0.0		4.1	92.5	0.0	1.3	43.7
Cycle Q Clear(g_c), s	5.1	0.0	18.7	4.3	0.0	0.0		4.1	92.5	0.0	1.3	43.7
Prop In Lane	1.00		1.00	1.00		1.00		1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	372	0	247	190	288			183	2192		152	2117
V/C Ratio(X)	0.20	0.00	0.83	0.32	0.00			0.45	1.11		0.30	0.70
Avail Cap(c_a), veh/h	528	0	317	197	288			185	2192		167	2117
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00		0.09	0.09	0.00	0.67	0.67
Uniform Delay (d), s/veh	47.9	0.0	61.4	48.8	0.0	0.0		19.2	28.7	0.0	36.6	19.9
Incr Delay (d2), s/veh	0.3	0.0	13.1	0.9	0.0	0.0		0.2	48.6	0.0	0.7	1.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	0.0	8.5	1.9	0.0	0.0		1.1	49.0	0.0	1.0	16.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	48.1	0.0	74.5	49.7	0.0	0.0		19.3	77.3	0.0	37.4	21.2
LnGrp LOS	D	A	E	D	A			B	F		D	C
Approach Vol, veh/h		277			60	A			2508	A		1549
Approach Delay, s/veh		67.5			49.7				75.4			21.6
Approach LOS		E			D				E			C

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.7	95.5	13.3	27.4	12.8	96.5	13.6	27.1
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Max Green Setting (Gmax), s	8.0	82.0	8.0	28.0	8.0	82.0	21.0	15.0
Max Q Clear Time (g_c+I1), s	6.1	45.7	6.3	20.7	3.3	94.5	7.1	0.0
Green Ext Time (p_c), s	0.0	23.9	0.0	0.7	0.0	0.0	0.1	0.0

Intersection Summary	
HCM 6th Ctrl Delay	55.6
HCM 6th LOS	E

Notes

User approved ignoring U-Turning movement.

Unsignalized Delay for [NBR, WBR] is excluded from calculations of the approach delay and intersection delay.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	18
Future Volume (veh/h)	18
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1707
Adj Flow Rate, veh/h	20
Peak Hour Factor	0.90
Percent Heavy Veh, %	13
Cap, veh/h	883
Arrive On Green	0.61
Sat Flow, veh/h	1447
Grp Volume(v), veh/h	20
Grp Sat Flow(s),veh/h/ln	1447
Q Serve(g_s), s	0.8
Cycle Q Clear(g_c), s	0.8
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	883
V/C Ratio(X)	0.02
Avail Cap(c_a), veh/h	883
HCM Platoon Ratio	1.00
Upstream Filter(I)	0.67
Uniform Delay (d), s/veh	11.5
Incr Delay (d2), s/veh	0.0
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.3
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	11.6
LnGrp LOS	B
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Turn Lane Warrants

Posted Speed is 55 MPH, AM right-turn = 72 vph, AADT 35,900. Right-Turn should be constructed

4.9 Auxiliary Turn Lanes

4.9.1 When Deceleration Lanes Are Required

The provisions of this section should generally apply to auxiliary lanes installed on the approach to an intersection that provide for deceleration and storage of vehicles waiting to turn right or left. Such lanes are always beneficial and will be required in conjunction with commercial driveway permits when projected traffic volumes exceed minimum levels as provided in the sections below.

All existing utilities which would be under new pavement or in auxiliary/deceleration lanes should be relocated before final grading and paving, and at no cost to DOT. Existing utilities which are found to be not in conflict with construction may be allowed if a Retention Request is processed by the utility owner and approved by the Department.

4.9.1.1 Minimum Requirements for Right Turn Deceleration Lanes

Right turn deceleration lanes must be constructed at no cost to the Department if the daily site generated Right Turn Volumes (RTV) based on ITE Trip Generation (assuming a reasonable distribution of entry volumes) meet or exceed the values shown in Table 4-6. Passing lane sections fall under the criteria for two or more lanes.

Posted Speed	2 Lane Routes		More than 2 Lanes on Main Road	
	AADT		AADT	
	< 6,000	>=6,000	<10,000	>=10,000
35 MPH or Less	200 RTV a day	100 RTV a day	200 RTV a day	100 RTV a day
40 to 50 MPH	150 RTV a day	75 RTV a day	150 RTV a day	75 RTV a day
55 to 60 MPH	100 RTV a day	50 RTV a day	100 RTV a day	50 RTV a day
>= 65 MPH	Always	Always	Always	Always

Table 4-6 Minimum Volumes Requiring Right Turn Lanes

In the event the District Traffic Engineer determines that field conditions or other factors indicate that it would be in the best interest of the Department, use the form in **Appendix F** to document a waiver for the deceleration lane requirement, the District Traffic Engineer must document the recommendations using the form in **Appendix F**. The recommendations shall be approved by the District Engineer and be attached to the Permit. The District Traffic Engineer may also require the addition of a Right Turn lane, even when the conditions in Table 4-6 are not met, if roadway geometry or field conditions indicate that the safety of the traveling public would be improved. The recommendation must be documented and approved by the District Traffic Engineer for inclusion with the Permit.

The R/W for auxiliary/deceleration lanes may be dedicated in fee simple to the Department for the Department to maintain or the applicant must sign an agreement with the Department to maintain the lane to the Department's standards and to hold harmless the Department in the event that section of roadway is identified in any liability action. A Limited Warranty Deed is not acceptable when R/W is donated to the Department. See section 2.5 for details regarding RW dedication procedures.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

ICE Analysis

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

GDOT INTERSECTION CONTROL EVALUATION (ICE) TOOL

ICE Version 2.15 | Revised 07/01/2019

GDOT PI # (or N/A): N/A Request By: GDOT

County: Chatham GDOT District: 5 - Jesup

Major (State) Road: SR-21 Speed Limit: 55 mph

Minor (Crossing) ST: Site Access #1 Speed Limit: < 35 mph

Major ST Direction: North/South Area Type: Suburb/Transition

Intersection Control: Conventional (Minor Stop)

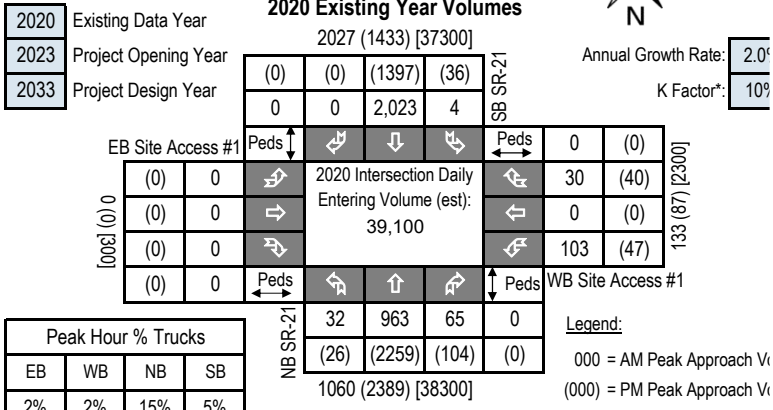
Prepared By: Kimley-Horn Analyst: DBT

Date: 4/2/2021 Project ID: 13908000

Project Purpose: Driveway for proposed Vernadoe-Wiggins Tract

2020	Existing Data Year
2023	Project Opening Year
2033	Project Design Year

2020 Existing Year Volumes



Peak Hour % Trucks			
EB	WB	NB	SB
2%	2%	15%	5%

Annual Growth Rate: 2.0%

K Factor*: 10%

Legend:

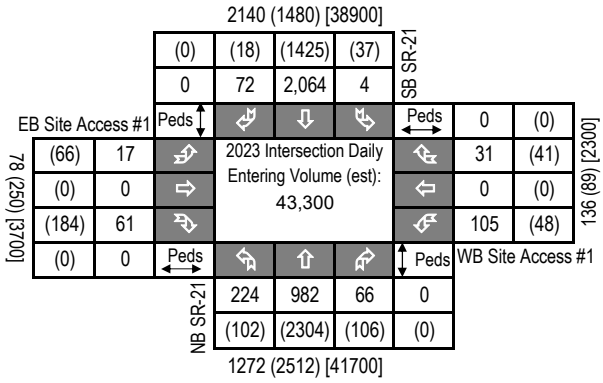
000 = AM Peak Approach Vo

(000) = PM Peak Approach Vo

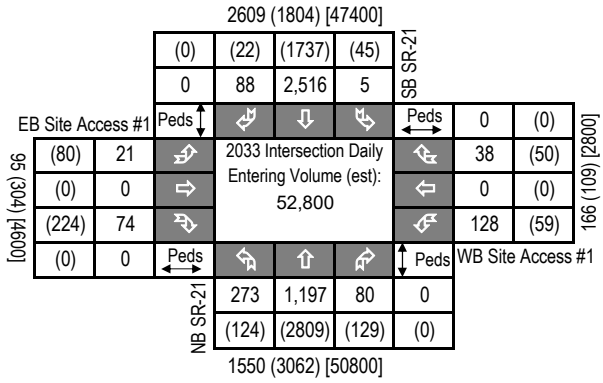
[000] = ADT Volume (Estimat

Approach Splits: SR-21 - 0.96 / Site Access #1 - 0

2023 Opening Year Volumes



2033 Design Year Volumes



Introduction: In 2005, SAFETEA-LU established the Highway Safety Improvement Program (HSIP) and mandated that each state prepare a Strategic Highway Safety Plan (SHSP prioritize safety funding investments. Intersections quickly became a common component of most states' SHSP emphasis areas and HSIP project lists, including Georg SHSP. Intersection Control Evaluation (ICE) policies and procedures represent a traceable and transparent procedure to streamline the evaluation of intersection cor alternatives, and further leverage safety advancements for intersection improvements beyond just the safety program. Approximately one-third of all traffic fatalities roughly seventy five percent of all traffic crashes in Georgia occur at or adjacent to intersections. Accordingly, the Georgia SHSP includes an emphasis on enhanc intersection safety to advance the *Toward Zero Deaths* vision embraced by the Georgia Governor's Office of Highway Safety (GOHS). This ICE tool was developed to sup the ICE policy, developed and adopted to help ensure that intersection investments across the entire Georgia highway system are selected, prioritized and implemented v defensible benefits for safety towards those ends.

Tool Goal: The goal of this ICE tool is to provide a simplified and consistent way of importing traffic, safety, cost, environmental impact and stakeholder posture data to assess a quantify intersection control improvement benefits. The tool supports the ICE policy and procedures to provide traceability, transparency, consistency and accountability wh identifying and selecting an intersection control solution that both meets project purpose and reflects overall best value in terms of specific performance-based criteria.

Requirements: An ICE is required for any intersection improvement (e.g. new or modified intersection, widening/reconstruction or corridor project, or work accomplished through a drivew or encroachment permit that affects an intersection) where: **1)** the intersection includes at least one roadway designated as a State Route (State Highway System) or as p of the National Highway System; or **2)** the intersection will be designed or constructed using State or Federal funding. In certain circumstances where an ICE would otherw be required, the requirement may be waived based on appropriate evidence presented with a written request. (See the "**Waiver**" tab to review criteria that may make a proj waiver eligible and for instructions to submit a waiver request to the Department). An ICE is not required when the proposed work does not include any changes to t intersection design, involves only routine traffic signal timing and equipment maintenance, or for driveway permits where the driveway is not a new leg to an already existi intersection on either 1) a divided, multi-lane highway with a closed median and only right-in/right-out access or 2) an undivided roadway where the development is r required to construct left and/or right turn lanes (as per the Driveway Manual and District Traffic Engineer).

Two-Stage Process: A complete ICE process consists of two (2) distinct stages, and it is expected that the respective level of effort for completing both stages of ICE will correspond to t magnitude and complexity of the intersection. Prior to starting an ICE, the District Traffic Engineer and/or State Traffic Engineer should be consulted for advice on appropriate level of effort. The Stage 1 and Stage 2 ICE forms are designed minimize required data inputs using drop-down menu choices and limiting text entry. All fie shaded grey include drop down menu choices and all fields shaded blue require data entry. All other cells in the worksheet are locked.

Stage 1: Screening Decision Record Stage 1 should be conducted early in the project development process and is intended to inform which alternatives are worthy of further evaluation in Stage 2. Stage 1 serv as a screening effort meant to *eliminate* non-competitive options and identify which alternatives merit further considerations based on their practical feasibility. Users sho use good engineering judgement in responding to the seven policy questions by selecting "Yes" or "No" in the drop-down boxes. Alternatives should not be summa eliminated without due consideration, and reasons for eliminating or advancing an alternative should be documented in the "Screening Decision Justification" column.

Stage 2: Alternative Selection Decision Record Stage 2 involves a more detailed and familiar evaluation of the alternatives identified in Stage 1 in order to support the selection of a preferred alternative that may be advanc to detailed design. Stage 2 data entry may require the use of external analysis tools to determine costs, operations and/or safety data that, combined with environmental a stakeholder posture data, form the basis of the ICE evaluation. A separate "CostEst" worksheet tab helps users develop pre-planning-level cost estimates for each Stag alternative evaluated, and a separate Users Guide has been prepared to give guidance on Stage 1 and Stage 2 data entry. Once all data is entered, each alternative is scor and ranked, with the results reported at the bottom of the Stage 2 worksheet to inform on the best of the intersection controls evaluated for project recommendation.

Documentation: A complete ICE document consists of the combination of the outputs from either a completed and signed waiver form or both Stage 1 and Stage 2 worksheets (along with supporting costing and/or environmental documentation), to be included in the approved project Concept Report (or equivalent) or as a stand-alone document.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

GDOT ICE STAGE 1: SCREENING DECISION RECORD

ICE Version 2.15 | Revised 07/01/2019

GDOT PI #	N/A
Project Location:	SR-21 @ Site Access #1
Existing Control:	Conventional (Minor Stop)
Prepared by:	Kimley-Horn
Date:	4/2/2021

Answer "Yes" or "No" to each policy question for each control type to identify which alternatives should be evaluated in the Stage 2 Decision Record; enter justification in the rightmost column

Note: Up to 5 alternatives may be selected and evaluated; Use this ICE Stage 1 to screen 5 or fewer alternatives to evaluate in Stage 2

	Intersection Alternative (see "Intersections" tab for detailed description of intersection/interchange type)	1. Does alternative address the project need in a balanced manner and in scale with the project?	2. Does alternative improve safety performance in terms of reducing severe crashes?	3. Does alternative incorporate safety, convenience and accessibility for pedestrians and/or bicyclists?	4. Does alternative improve (or preserve) traffic operations (congestion, delay, reliability, etc.)?	5. Does alternative appear feasible given the site characteristics, constrains & location context?	6. Does alternative appear feasible with respect to other project factors?	7. Overall feasible alternative (select alternative for further evaluation in Stage 2)?	**Screening Decision Justification:**
Unsignalized Intersections	Conventional (Minor Stop)	No	No	No	No	**Yes**	**Yes**	No	High site traffic volumes lead to poor operations under this alternative.
	Conventional (All-Way Stop)	No	**Yes**	No	No	No	No	No	Major street peak hour traffic volumes are too high.
	Mini Roundabout	No	No	No	No	No	No	No	Too many through volumes
	Single Lane Roundabout	No	No	No	No	No	No	No	Cant be a single lane because of through lanes
	Multilane Roundabout	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	Alternative warrants further consideration.
	RCUT (stop control)	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	Expected daily truck volume is too high.
	RIRO w/down stream U-Turn	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	Diverted left-turn volume is too high.
	High-T (unsignalized)	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Offset-T Intersections	No	No	No	No	No	No	No	N/A.
	Diamond Interch (Stop Control)	No	No	No	No	No	No	No	N/A.
	Diamond Interch (RAB Control)	No	No	No	No	No	No	No	N/A.
	No LT Lane Improvements No RT Lane Improvements	No	No	No	No	No	No	No	N/A.
	Other unsignalized (provide description):	No	No	No	No	No	No	No	N/A.
Signalized Intersections	Traffic Signal	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	Alternative warrants further consideration.
	Median U-Turn (Indirect Left)	No	No	No	No	No	No	No	SR- 21cross section and volumes are not supportive of this type of solution.
	RCUT (signalized)	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Displaced Left Turn (CFI)	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Continuous Green-T	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Jughandle	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Quadrant Roadway	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Diamond Interch (Signal Control)	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Diverging Diamond	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	Single Point Interchange	No	No	No	No	No	No	No	SR-21 cross section and volumes are not supportive of this type of solution.
	No LT Lane Improvements No RT Lane Improvements	No	No	No	No	No	No	No	N/A.
	Other Signalized (provide description):	No	No	No	No	No	No	No	N/A.

= Intersection type selected for more detailed analysis in Stage 2 Alternative Selection Decision Record

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

GDOT ICE STAGE 2: ALTERNATIVE SELECTION DECISION RECORD

ICE Version 2.15 | Revised 07/01/2019

GDOT PI # (or N/A): N/A
County: Chatham
Project Location: SR-21 @ Site Access #1
Existing Intersection Control: Conventional (Minor Stop)

GDOT District: 5 - Jesup
Area Type: Suburb/Transition

Date: 4/2/2021
Agency/Firm: Kimley-Horn
Analyst: DBT
Type of Analysis: Conventional Non-Safety Funded Project

Opening / Design Year Traffic Operations

Intersection meets signal/AWS warrants?	Meets Signal Warrants	
Traffic Analysis Measure of Effectiveness	Intersection Delay	
Traffic Analysis Software Used	Synchro 10	
Analysis Time Period	AM Peak Hr	PM Peak Hr
2023 Opening Yr No-Build Peak Hr Intersection Delay	500.0 sec	500.0 sec
2023 Opening Yr No-Build Peak Hr Intersection V/C	2.71	5.00
2033 Design Yr No-Build Peak Hr Intersection Delay	500.0 sec	500.0 sec
2033 Design Yr No-Build Peak Hr Intersection V/C ratio	5.00	5.00

Complete Streets Warrants Met?
- ☐ PEDESTRIANS
- ☐ BICYCLES
- ☐ TRANSIT

Crash Type (Crash Data: Enter most recent 5 years of crash data)	Crash Severity: PDO	Injury Crash*	Fatal Crash*	
Angle	16	0	0	23%
Head-On	2	0	0	3%
Rear End	35	0	0	51%
Sideswipe - same	9	0	0	13%
Sideswipe - opposite	0	0	0	0%
Not Collision w/Motor Veh	7	0	0	10%
TOTALS:	69	0	0	69

* Number of crashes resulting in injuries / fatalities, not number of persons

Alternatives Analysis:

	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
Proposed Control Type/Improvement:	Multilane Roundabout	RCUT (stop control)	RIRO w/down stream U-Turn	Traffic Signal	N/A
Project Cost: (From CostEst Worksheet)	*Additional description here*	*Additional description here*	*Additional description here*	*Add LT bays all approaches*	
Construction Cost	$1,307,000	$156,000	$388,000	$341,000	
ROW Cost	$385,000	$0	$0	$0	
Environmental Cost	$0	$0	$0	$0	
Reimbursable Utility Cost	$16,000	$2,000	$5,000	$6,000	
Design & Contingency Cost	$392,000	$40,000	$100,000	$119,000	
Cost Adjustment (justification req'd)	0%	0%	0%	0%	
Total Cost	$2,100,000	$198,000	$493,000	$466,000	
Traffic Operations:					
Traffic Analysis Software Used	Other (explain below)	Other (explain below)	Synchro 10	--select one--	
Analysis Period	AM Peak Hr / PM Peak Hr	AM Peak Hr / PM Peak Hr	AM Peak Hr / PM Peak Hr	AM Peak Hr / PM Peak Hr	
2033 Design Yr Build Intersection Delay	83.9 sec / 64.8 sec	60.3 sec / 63.2 sec	60.3 sec / 63.2 sec	33.4 sec / 55.6 sec	
2033 Design Yr Build Intersection V/C	1.24 / 1.34	1.15 / 0.89	1.15 / 0.89	0.99 / 1.11	
Safety Analysis:					
Predefined CRF: PDO	32%	31%	35%	39%	
Predefined CRF: Fatal/Inj	71%	53%	54%	40%	
Predefined CRF Source:	FHWA Clearinghouse #s 236 / 237	NC/MO Table 4-7	FHWA Clearinghouse #s 5555 / 5556	FHWA Clearinghouse #s 7982 / 7984	
User Defined CRF: PDO					
User Defined CRF: Fatal/Inj					
User Defined CRF Source (write in if applicable):					
Environmental Impacts:[1]					
Historic District/Property	None	None	None	None	
Archaeology Resources	None	None	None	None	
Graveyard	None	None	None	None	
Stream	None	None	None	None	
Underground Tank/Hazmat	None	None	None	None	
Park Land	None	None	None	None	
EJ Community	None	None	None	None	
Wooded Area	None	None	None	None	
Wetland	None	None	None	None	

*Note: If environmental impact is significant (**RED**), provide justification impact won't jeopardize project delivery using "Env" worksheet*

[1] *Environmental impacts are only preliminary estimates; detailed environmental impact documentation will be included with project concept report*

Stakeholder Posture:					
Local Community Support	Neutral	Neutral	Neutral	Neutral	
GDOT Support	Neutral	Neutral	Neutral	Neutral	
Final ICE Stage 2 Score:	2.1	4.8	4.8	5.3	
Rank of Control Type Alternatives:	4	3	2	1	

Note: Stage 2 score is not given (shown as "-") if signal or AWS is selected as control type but respective warrants are not met

Provide additional comments and/or explain any unique analysis inputs, or results (as necessary): Sidra Intersection 9.0 was used as a supporting tool for roundabout capacity analyses. The single-lane and multilane roundabout alternatives consider an eastbound right-turn bypass lane to serve proposed Site Access #1. For the two-way stop control conditions considered under the No-Build analyses, only the minor street approach experiencing the largest control delay was reported.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

GDOT ICE TOOL: COST ESTIMATING AID

ICE Version 2.15 | Revised 07/01/2019

Project Information

Location: SR-21 @ Site Access #1
GDOT PI # (or N/A): N/A
Existing Intersection Control: Conventional (Minor Stop)
Type of Analysis: Conventional Non-Safety Funded Project
County: Chatham
Area Type: Suburb/Transition
GDOT District: 5 - Jesup
Date: 4/2/2021
Agency/Firm: Kimley-Horn
Analyst: DBT
Major Street Direction: North/South

Table 1: Existing Conditions

	NB SR-21			SB SR-21			EB Site Access #1			WB Site Access #1		
Movement	Left Turn	Thru	Right Turn	Left Turn	Thru	Right Turn	Left Turn	Thru	Right Turn	Left Turn	Thru	Right Turn
Number of Lanes	0	1	0	0	1	0	0	1	0	0	0	0
Lane Widths*	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'
Bay Length**	0'		175'	0'		0'	0'		0'	0'		0'
Median Width		0'			0'			0'			0'	
Right-of-Way	30'						0'					

Table 2: Proposed Conditions

	Multilane Roundabout	RCUT (stop control)	RIRO w/down stream U-Turn	Traffic Signal	N/A
Proposed Pavement Type	F.D. Asphalt	F.D. Asphalt	F.D. Asphalt	F.D. Asphalt	F.D. Asphalt
Reimbursable Utility:	Minimal	Minimal	Minimal	Minimal	Minimal
# of Driveway(s) Impacted	1	1	0	0	0
Modify/Replace Traffic Signal	0	0	1	0	0
Lighting Poles (ea)	0	0	0	0	0
Flashing Beacons (ea)	0	0	0	0	0
RFB/PHB Ped Crossings (ea)	0	0	0	0	0
New/Replace Sidewalks (LF)	0'	0'	0'	0'	0'
New/Replace Cross Drains (LF)	0'	0'	0'	0'	0'
New/Replace Guardrail (LF)	0'	0'	0'	0'	0'
New Retaining Wall (LF)	0'	0'	0'	0'	0'
Bridge:New/Widen/Replace (sqft)	0	0	0	0	0
Add'l ROW/Easements/Demolition	$0	$0	$0	$0	$0

Site Context

Topography:	Level
Traffic Mgmt Plan:	Maintain Traffic
Project Size:	Single Intersection

Cost Multipliers

Grading Complete:	15%
Reimbursable Utility:	2%
Traffic Control:	20%
Project Size:	0%
Prelim Engineering:	15%
Project Contingency:	20%

Intersections

Signal Poles	Mast Arm
Design Vehicle	WB-67
Existing Interchange?	No

Roundabouts

Inscribed DIA - Mini	80
Inscribed DIA - Single	140
Inscribed DIA - Multi	180
Circulating Lane Width	16

ROW Costs

Prevalent ROW Type:	Mixed (Average)
ROW Cost/Acre:	$308,438
ROW Multiplier:	1.6

Table 3: Control Type Cost Breakdown

Pay Item	Per Ln Mi Unit Cost	Unit Cost	Multilane Roundabout Quantity	Multilane Roundabout Cost	RCUT (stop control) Quantity	RCUT (stop control) Cost	RIRO w/down stream U- Quantity	RIRO w/down stream U- Cost	Traffic Signal Quantity	Traffic Signal Cost	N/A Quantity	N/A Cost
New Construction (Base & Pave)	$500K/LM	$9.47/sqft	42,963	$549,242	5,000	$47,348	5,500	$52,083	16,000	$151,515		
Roadway Mill and Overlay	$64K/LM	$1.21/sqft	0	$0	0	$0	0	$0	0	$0		
Urban C&G/Drainage - both sides	441-6720	$19.08/LF	3330	$85,773	700	$13,356	800	$15,264	4,000	$76,320		
Rural Typ Drainage - both sides	$150K/LM	$2.84/LF	0	$0	0	$0	0	$0	0	$0		
Concrete Island (sqyd)	n/a	$51.58/syd	450	$31,335	500	$25,790	250	$12,895	0	$0		
Median Landscaping	$100K/LM	$1.89/LF	3600	$9,205	1,050	$1,989	1,200	$2,273	0	$0		
Typical Driveways Impacted (ea)	n/a	$7,500 ea	1	$10,125	1	$7,500	0	$0	0	$0		
Typical E&S Control Temp/Perm	$150K/LM	$34.09/LF	1200	$55,227	350	$11,932	400	$13,636	2,000	$68,182		
Roundabout Truck Apron (sqft)	n/a	$10.25/sqft	3833	$53,039	0	$0	0	$0	0	$0		
Signing & Marking	$0	$22.73/LF	1,200	$36,823	350	$7,956	400	$9,092	2,000	$45,460		
Flashing Beacon (ea)	n/a	$20,000 ea	0	$0	0	$0	0	$0	0	$0		
New Traffic Signal (Mast Arms)	674-1000	$182,575ea	0	$0	0	$0	1	$182,575	0	$0		
Lighting (per pole)	n/a	$5,607 ea	0	$0	0	$0	0	$0	0	$0		
Signalized Ped Crossings (ea)	n/a	$19,637 ea	0	$0	0	$0	0	$0	0	$0		
6' Sidewalk (LF)	n/a	$49.23/LF	0	$0	0	$0	0	$0	0	$0		
New/replace cross drains (LF)	n/a	$41.31/LF	0	$0	0	$0	0	$0	0	$0		
Typical Guardrail (LF)	n/a	$65.56/LF	0	$0	0	$0	0	$0	0	$0		
Retaining Wall (LF)	n/a	$808.52/LF	0	$0	0	$0	0	$0	0	$0		
Bridge widen/replace (SF)	n/a	$210/sqft	0	$0	0	$0	0	$0	0	$0		
Env Costs (from Stage 2 impacts)	n/a	n/a	0	$0	0	$0	0	$0	0	$0		
Grading Complete - 15%	n/a	n/a		$252,346		$17,381		$43,173		$0		
Traffic Control - 20%	n/a	n/a		$224,307		$23,174		$57,564		$0		
Reimbrusable Utility	n/a	n/a		$16,615		$2,317		$5,756		$6,830		
Preliminary Engineering - 15%	n/a	n/a		$168,231		$17,381		$43,173		$51,222		
Contigency - 20%	n/a	n/a		$224,307		$23,174		$57,564		$68,295		
ROW Cost/Acre: Mixed (Average)	n/a	$308,438ac		$240,746		$308		$308		$0		
Add'l ROW / Displacement / Demo	n/a	n/a		$0		$0		$0		$0		
ROW Multiplier - 1.6	n/a	n/a		$144,447		$185		$185		$0		
Project Scale Reduction - 0.0%	n/a	n/a		$0		$0		$0		$0		
Grand Total Costs				**$2,102,000**		**$200,000**		**$496,000**		**$468,000**		

Table 4: Assumption Adjustments/Quantity Overrides

Alternative Evaluated	Assumptions:	Pavement	Calculated ROW (ac)	User Override*	Calculated Pavement	User Override*	Major ST Const Limits	User Override*	Minor ST Const Limits	User Override*
Multilane Roundabout	--select one--	F.D. Asphalt	0.78	0.0	42,963	0.0	600	0.0	600	0.0
RCUT (stop control)	Loons/Leftovers Only	F.D. Asphalt	1.03	0.0	29,358	5,000.0	1,320	200.0	510	150.0
RIRO w/down stream U-Turn	Loons/Leftovers Only	F.D. Asphalt	1.03	0.0	22,158	5,500.0	1,320	250.0	510	150.0
Traffic Signal	Pave/Overlay Intersection	F.D. Asphalt	0.00	0.0	16,000	0.0	1,000	0.0	1,000	0.0
N/A	#N/A	F.D. Asphalt	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT
100 W OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3604

August 21, 2019

Regulatory Division
SAS-2018-00940

Mr. Comer Meadows
Mr. Samuel Varnedoe
Post Office Box 2379
Tybee Island, Georgia 31328

Dear Mr. Meadows and Mr. Varnedoe:

I refer to a letter dated October 12, 2018, submitted on your behalf by Mr. Brandon Wall of Sligh Environmental Consultants, Incorporated, requesting a delineation of aquatic resources for your 654.26 acre site located of Highway 21, in Chatham County, Georgia (Latitude 32.2085, Longitude -81.2147). This project has been assigned number SAS-2018-00940 and it is important that you refer to this number in all communication concerning this matter.

The enclosed survey entitled "Sam L. Varnedoe, JR., ET. AL", sheets 1-11, dated August 13, 2019, and signed by registered land surveyor James M. Anderson identifies the delineation limits of all aquatic resources within the review area. The wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual. This delineation will remain valid for a period of 5-years unless new information warrants revision prior to that date.

If you intend to sell property that is part of a project that requires Department of the Army Authorization, it may be subject to the Interstate Land Sales Full Disclosure Act. The Property Report required by Housing and Urban Development Regulation must state whether, or not a permit for the development has been applied for, issued or denied by the U.S. Army Corps of Engineers (Part 320.3(h) of Title 33 of the Code of Federal Regulations).

This communication does not convey any property rights, either in real estate or material, or any exclusive privileges. It does not authorize any injury to property, invasion of rights, or any infringement of federal, state or local laws, or regulations. It does not obviate your requirement to obtain state or local assent required by law for the development of this property. If the information you have submitted, and on which the U.S. Army Corps of Engineers has based its determination is later found to be in error, this decision may be revoked.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Thank you in advance for completing our on-line Customer Survey Form located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. We value your comments and appreciate your taking the time to complete a survey each time you have interaction with our office.

If you have any questions, please call me at (912) 652-5022.

Sincerely,

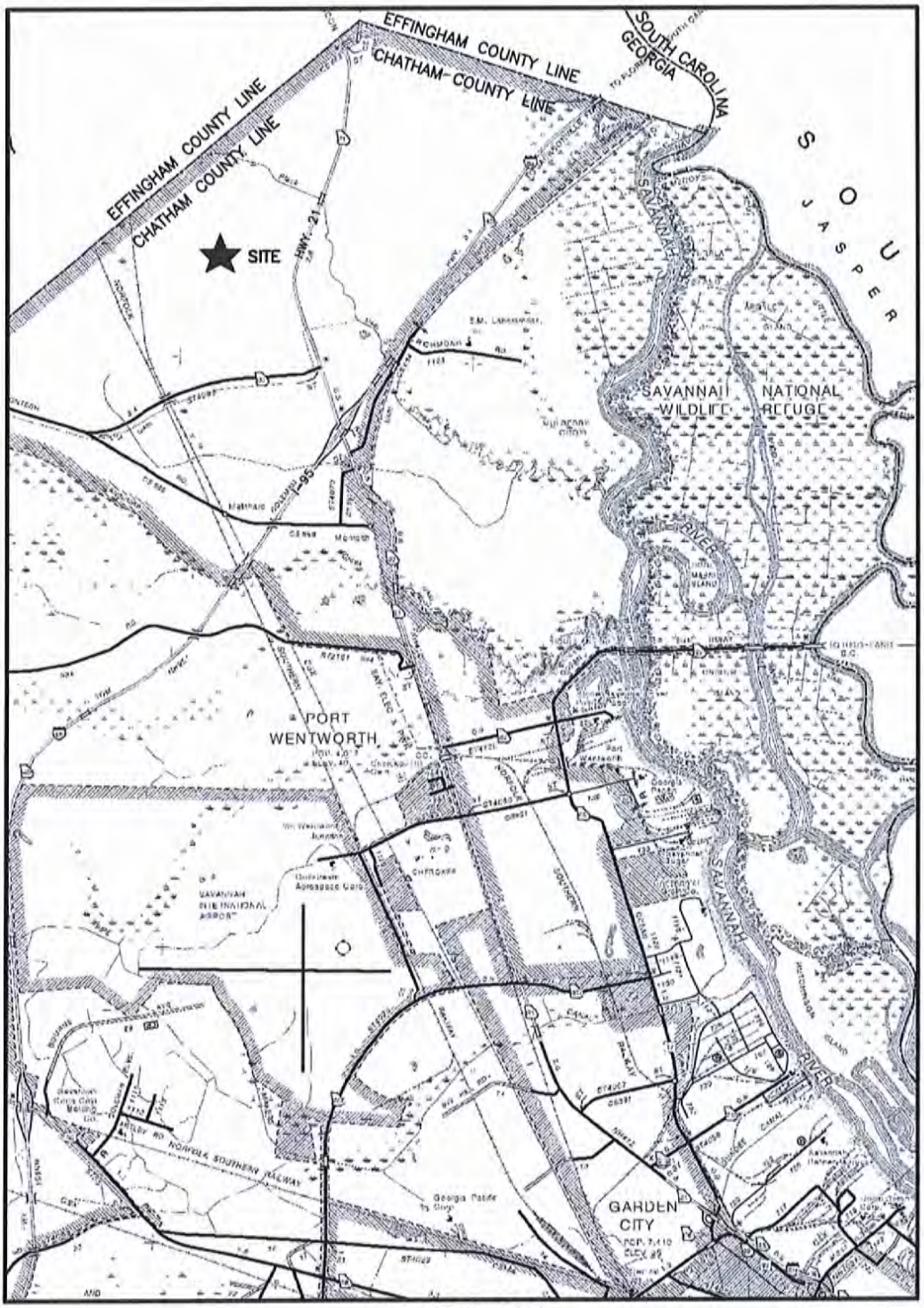
J Scott Guinn

Scott Guinn
Regulatory Specialist, Coastal Branch

Enclosures

Copy Furnished: Mr. Brandon Wall, Sligh Environmental Consultants, Incorporated.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



VICINITY MAP

GEORGIA REGISTERED NO. 2113 8-13-19 LAND SURVEYOR JAMES M. ANDERSON

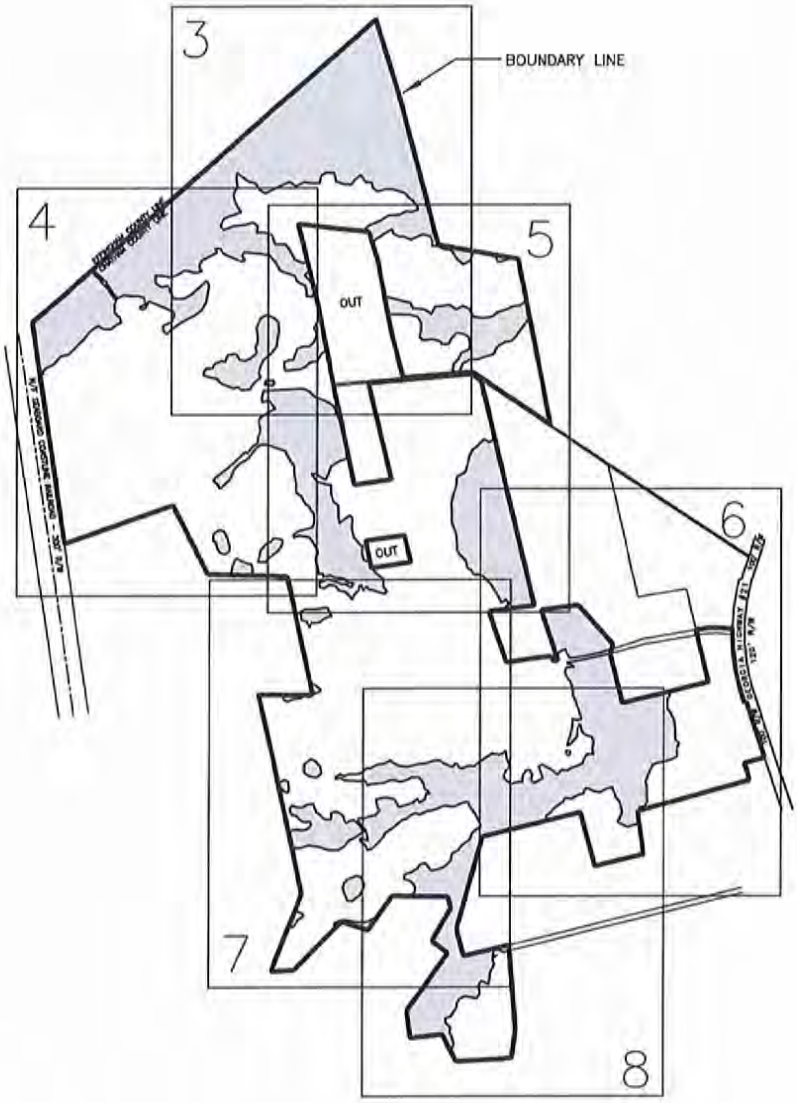
WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATHAM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: N/A
JN18111.DWG
SHEET 1

"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002



TOTAL BOUNDARY ACREAGE
BOUNDARY TRACT = 654.262 AC.

BOUNDARY

WETLANDS	=	225.893 AC.
UPLANDS	=	428.369 AC.
TOTAL	=	654.262 AC.

WETLANDS ACREAGE

WETLAND AREA "A"	=	87.109 AC.
WETLAND AREA "B"	=	4.873 AC.
WETLAND AREA "C"	=	24.297 AC.
WETLAND AREA "D"	=	1.839 AC.
WETLAND AREA "E"	=	17.762 AC.
WETLAND AREA "F"	=	9.377 AC.
WETLAND AREA "G"	=	0.096 AC.
WETLAND AREA "H"	=	0.216 AC.
WETLAND AREA "J"	=	0.630 AC.
WETLAND AREA "K"	=	0.626 AC.
WETLAND AREA "M"	=	0.810 AC.
WETLAND AREA "N"	=	0.522 AC.
WETLAND AREA "P"	=	0.198 AC.
WETLAND AREA "Q"	=	0.880 AC.
WETLAND AREA "R"	=	69.327 AC.
WETLAND AREA "S"	=	5.588 AC.
WETLAND AREA "U"	=	0.037 AC.
WETLAND AREA "V"	=	0.251 AC.
WETLAND AREA "W"	=	0.151 AC.
WETLAND AREA "X"	=	0.149 AC.
WETLAND AREA "Y"	=	0.433 AC.
WETLAND AREA "Z"	=	0.722 AC.
TOTAL WETLAND AREA	=	225.893 AC.

UPLANDS ACREAGE

UPLAND AREA "A"	=	18.342 AC.
UPLAND AREA "B"	=	300.646 AC.
UPLAND AREA "C"	=	0.101 AC.
UPLAND AREA "D"	=	19.322 AC.
UPLAND AREA "E"	=	29.840 AC.
UPLAND AREA "F"	=	10.994 AC.
UPLAND AREA "G"	=	25.361 AC.
UPLAND AREA "H"	=	0.078 AC.
UPLAND AREA "J"	=	8.354 AC.
UPLAND AREA "K"	=	15.331 AC.
TOTAL UPLAND AREA	=	428.369 AC.

1200 0 1200 2400 3600
GRAPHIC SCALE – FEET

WETLANDS MAP FOR:
SAM L. VARNEDOE, JR., ET. AL.

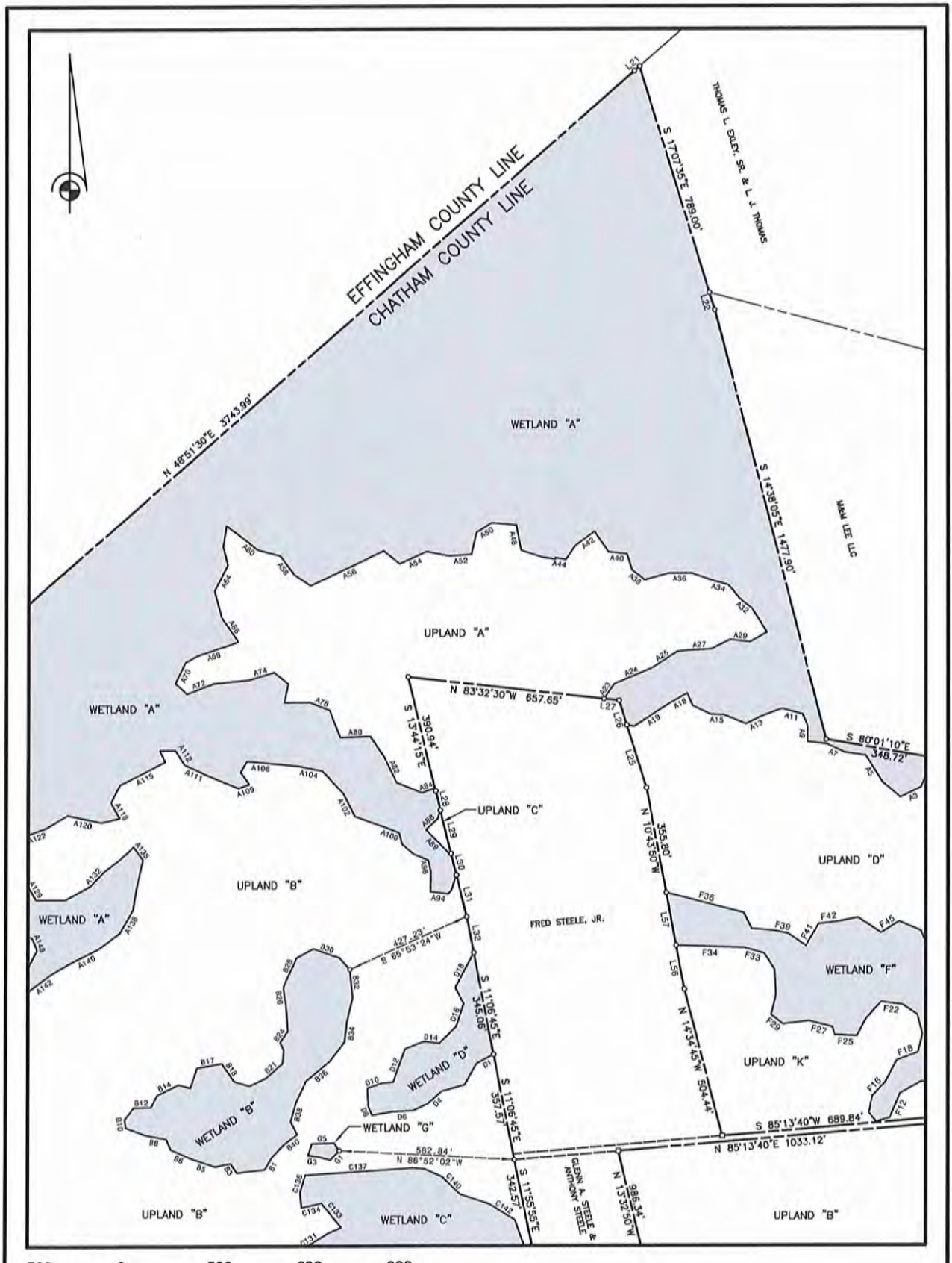
LOCATION: 8TH. G.M.D. CHATHAM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 1200'
JN18111.DWG
SHEET 2

GEORGIA REGISTERED NO. 2113 8-13-19 LAND SURVEYOR JAMES M. ANDERSON

"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB–METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

James M. Anderson

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



300 0 300 600 900

GRAPHIC SCALE – FEET

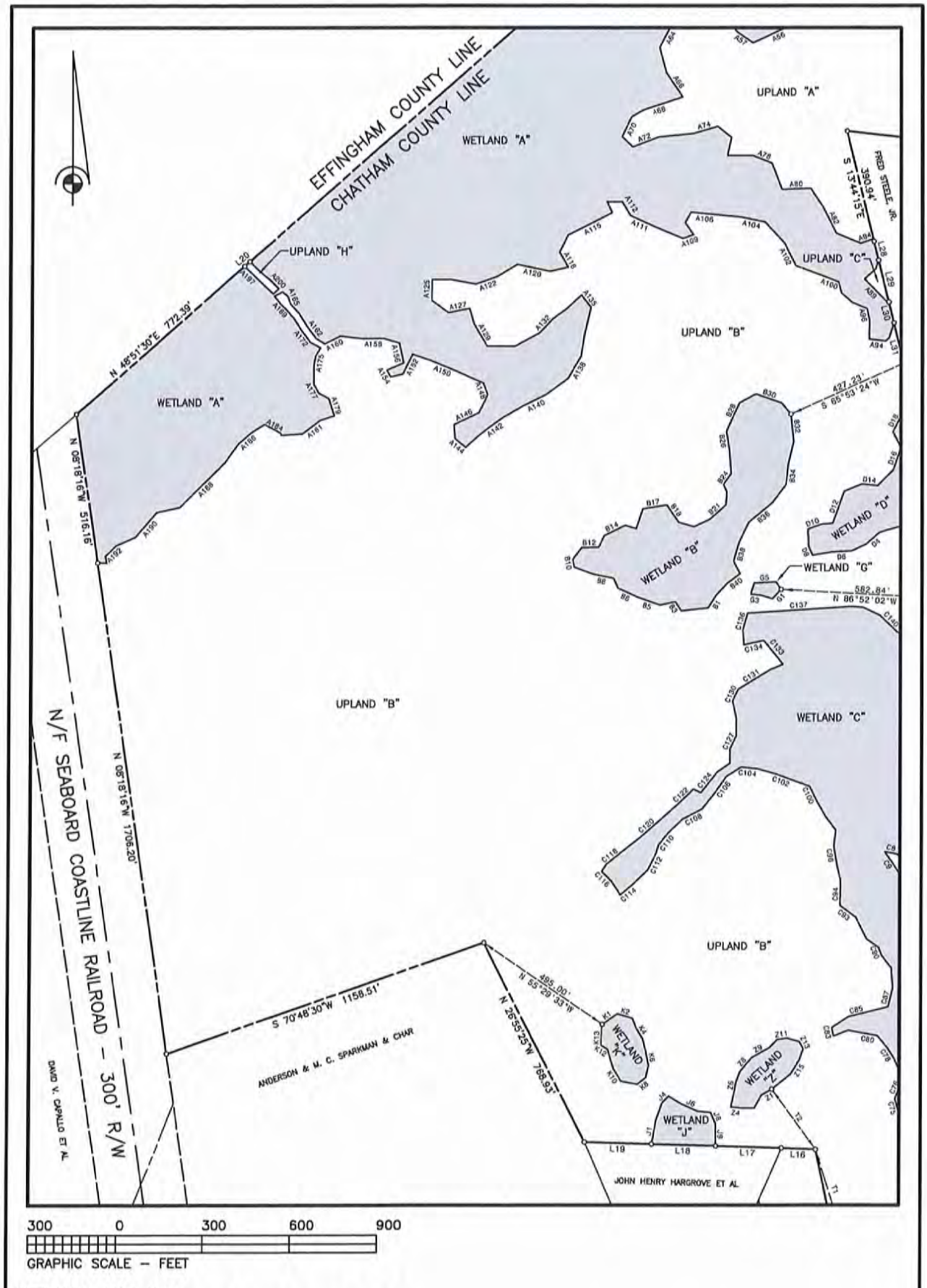
WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATAHM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 300'
JN18111.CRD & JN18111.DWG
SHEET 3

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



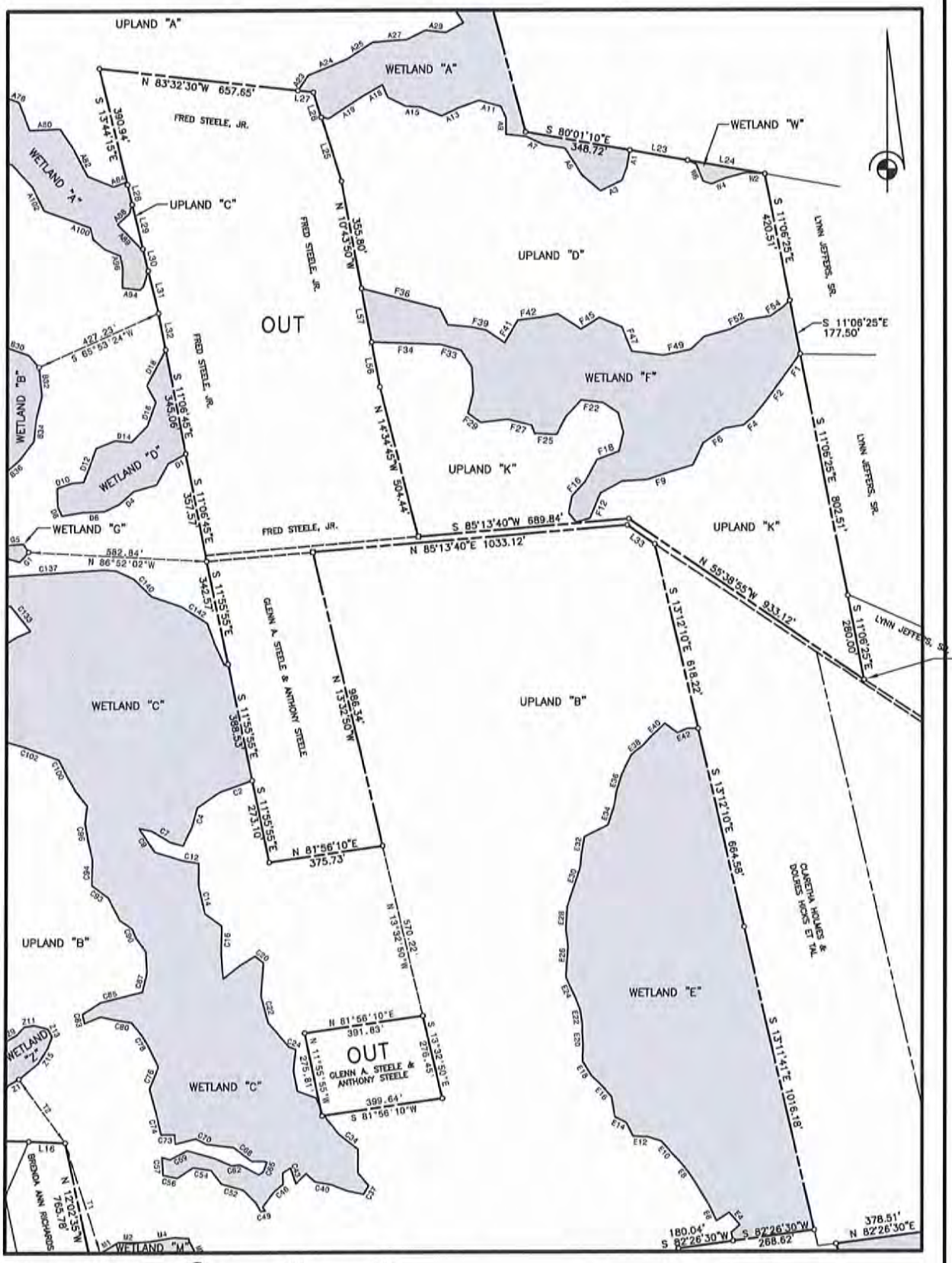
WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATAHM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 300'
JN18111.CRD & JN18111.DWG
SHEET 4

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



300 0 300 600 900

GRAPHIC SCALE – FEET

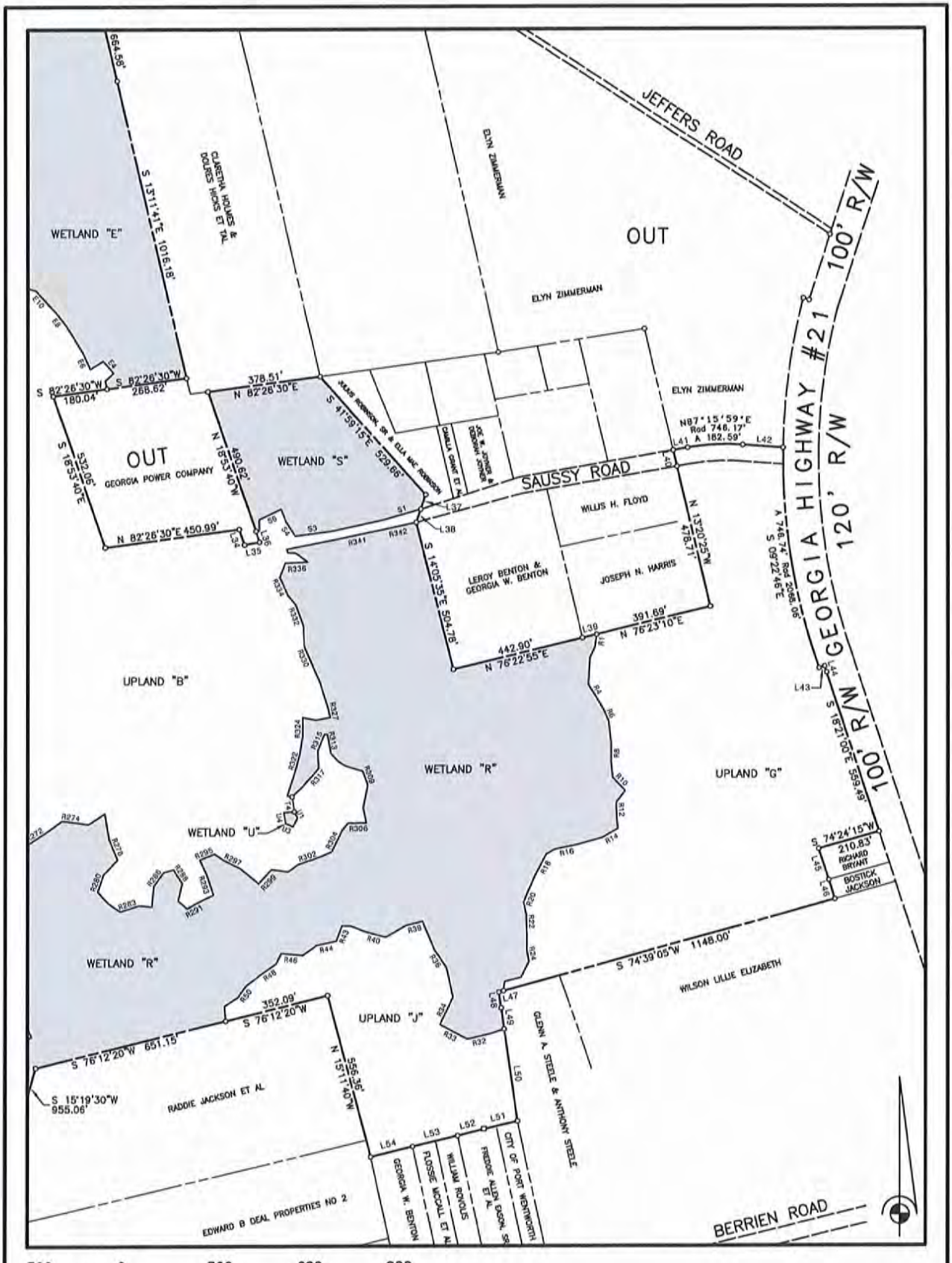
WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATAHM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 300'
JN18111.CRD & JN18111.DWG
SHEET 5

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



300 0 300 600 900

GRAPHIC SCALE – FEET

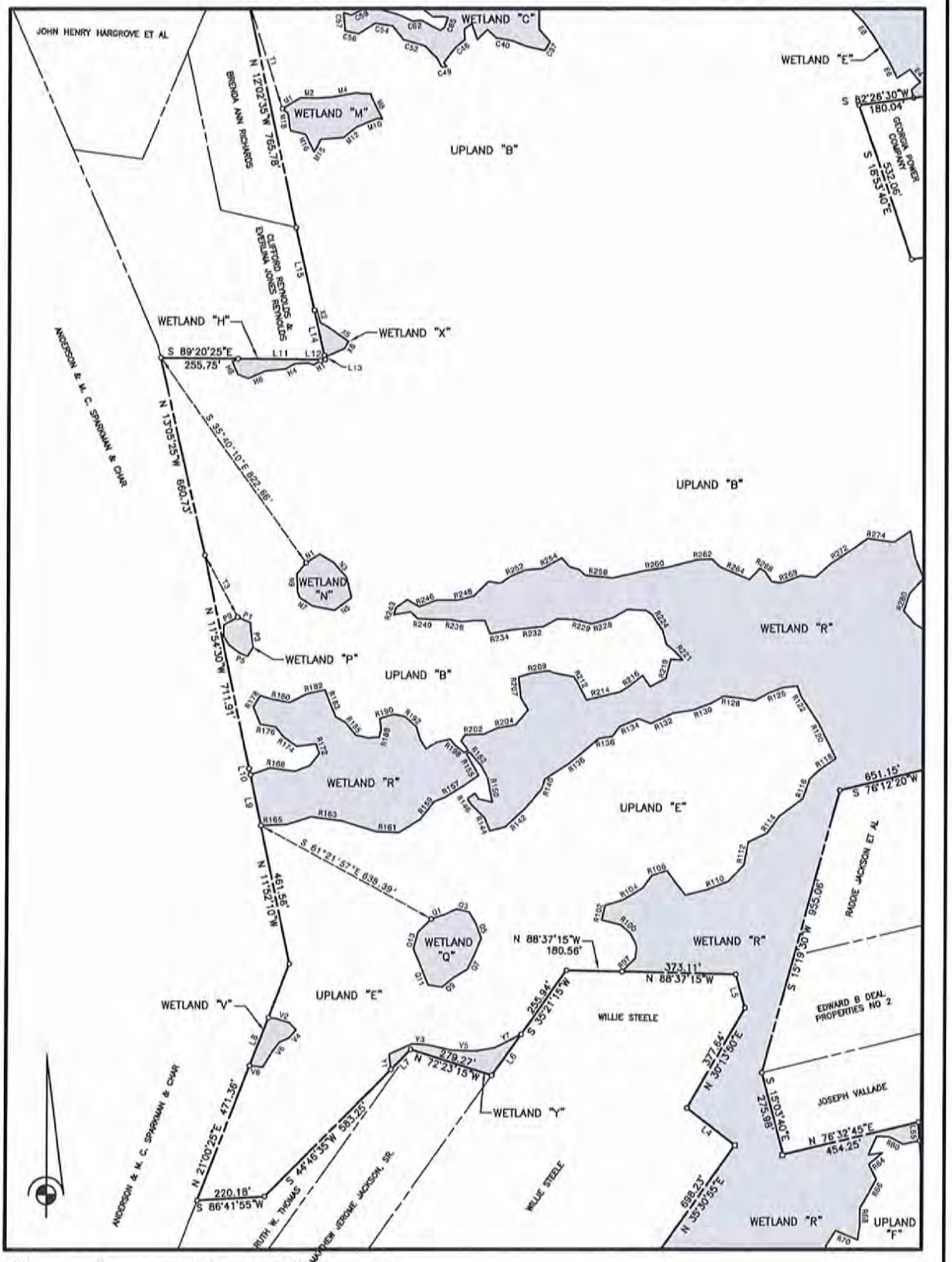
WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATAHM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 300'
JN18111.CRD & JN18111.DWG
SHEET 6

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



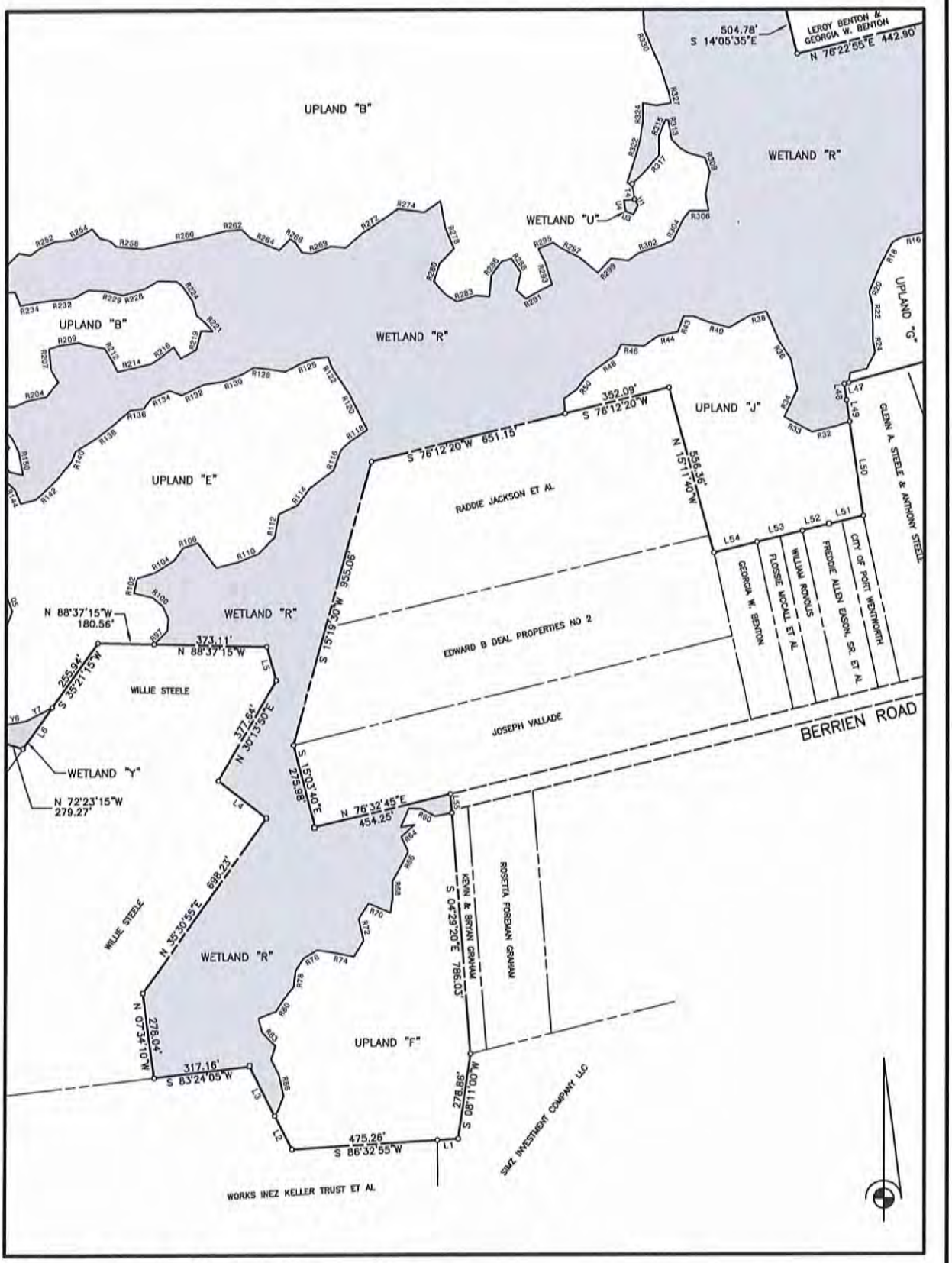
WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATAHM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 300'
JN18111.CRD & JN18111.DWG
SHEET 7

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



300 0 300 600 900

GRAPHIC SCALE – FEET

WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATAHM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
SCALE: 1" = 300'
JN18111.CRD & JN18111.DWG
SHEET 8

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

WETLAND AREA "A"

COURSE	BEARING	DISTANCE
A1	S 09°55'14" W	57.78'
A2	S 21°50'48" W	44.84'
A3	S 84°22'22" W	77.31'
A4	N 50°12'25" W	78.37'
A5	N 32°26'00" W	105.66'
A6	N 81°23'13" W	69.90'
A7	N 65°09'32" W	65.56'
A8	N 83°28'52" W	84.05'
A9	N 00°43'06" W	54.63'
A10	N 24°45'20" W	41.28'
A11	N 75°09'44" W	72.08'
A12	S 70°33'44" W	72.23'
A13	S 53°21'53" W	58.70'
A14	N 87°45'36" W	79.12'
A15	N 87°05'12" W	45.17'
A16	N 64°13'54" W	66.03'
A17	N 23°38'57" W	44.86'
A18	S 60°56'12" W	74.29'
A19	S 57°02'20" W	135.08'
A20	N 79°01'22" W	24.28'
A21	N 17°32'50" W	85.60'
A22	N 83°32'30" W	51.10'
A23	N 34°41'40" E	60.88'
A24	N 67°32'17" E	138.18'
A25	N 56°53'32" E	99.05'
A26	N 84°45'56" E	35.76'
A27	N 86°26'54" E	79.10'
A28	N 63°22'38" E	68.82'
A29	S 83°44'00" E	66.11'
A30	N 61°34'32" E	65.58'
A31	N 32°29'18" W	95.72'
A32	N 50°49'48" W	49.54'
A33	N 40°56'29" W	61.87'
A34	N 74°10'07" W	53.72'
A35	N 70°45'48" W	74.76'
A36	S 89°31'47" W	77.74'
A37	S 74°31'31" W	80.71'
A38	N 51°56'43" W	54.34'
A39	N 17°39'09" W	56.21'
A40	N 84°14'19" W	61.50'
A41	N 35°09'59" W	82.42'
A42	S 53°56'00" W	78.82'
A43	S 35°01'12" W	56.57'
A44	N 80°16'14" W	35.75'
A45	S 04°21'21" E	4.71'
A46	N 60°50'22" W	45.54'
A47	N 71°41'25" W	73.67'
A48	N 10°43'10" W	85.36'
A49	N 85°35'14" W	82.08'
A50	S 56°13'07" W	59.87'
A51	S 13°16'07" W	74.87'
A52	S 85°36'18" W	72.05'
A53	N 78°05'39" W	76.95'
A54	S 65°33'33" W	99.34'
A55	N 52°21'20" W	70.16'
A56	S 84°38'39" W	268.05'
A57	N 55°55'13" W	65.97'
A58	N 36°27'11" W	77.59'
A59	N 74°55'47" W	80.24'
A60	N 51°17'34" W	48.50'
A61	N 33°19'22" W	84.49'
A62	S 08°40'26" W	70.67'
A63	S 14°15'21" E	62.55'
A64	S 27°45'07" W	95.40'
A65	S 15°12'44" E	91.00'
A66	S 33°47'02" E	99.68'
A67	S 70°28'38" W	39.77'
A68	S 72°08'06" W	104.61'
A69	S 59°46'32" W	45.66'
A70	S 25°49'49" W	76.28'
A71	S 46°35'25" E	51.78'
A72	N 89°16'49" E	96.90'
A73	N 84°00'01" E	119.62'
A74	N 73°56'00" E	67.79'
A75	S 51°12'11" E	61.23'
A76	S 12°10'28" W	83.79'
A77	S 89°44'53" E	87.31'
A78	S 68°19'38" E	68.85'
A79	S 20°59'22" E	97.55'
A80	N 87°45'52" E	99.78'
A81	S 34°02'31" E	79.24'
A82	S 26°51'52" E	99.82'
A83	S 67°48'22" E	90.59'
A84	N 70°41'29" E	45.07'
A85	S 24°32'08" E	9.42'
A86	S 13°44'15" E	66.37'
A87	S 17°24'35" W	30.32'
A88	S 47°26'03" W	52.71'
A89	S 44°28'33" E	110.36'
A90	S 81°27'23" E	5.90'
A91	S 13°44'15" E	73.15'
A92	S 17°12'03" W	53.42'
A93	S 45°19'39" W	16.33'
A94	N 83°06'49" W	57.78'
A95	N 01°14'28" E	65.22'
A96	N 12°28'44" W	40.29'
A97	N 67°49'45" W	54.39'
A98	N 49°39'06" W	50.40'
A99	N 15°12'15" W	40.07'
A100	N 68°56'38" W	52.02'
A101	N 69°59'35" W	108.36'
A102	N 26°32'44" W	85.70'
A103	N 42°58'21" W	101.19'
A104	N 78°04'35" W	82.45'
A105	N 84°36'29" W	74.48'
A106	N 84°11'48" W	98.33'
A107	S 31°00'15" W	41.70'
A108	S 35°24'01" E	50.97'
A109	S 70°40'39" W	39.55'
A110	N 67°24'35" W	114.86'
A111	N 65°07'31" W	81.95'
A112	N 32°37'37" W	55.65'
A113	N 89°43'41" W	52.24'
A114	S 25°49'57" E	41.34'
A115	S 63°02'07" W	169.02'
A116	S 26°55'46" W	66.15'
A117	S 29°21'56" E	27.88'
A118	S 29°38'11" E	31.94'
A119	S 77°08'38" W	63.40'
A120	N 77°48'36" W	114.17'
A121	S 58°56'16" W	81.76'
A122	S 70°40'15" W	78.16'
A123	N 79°46'28" W	92.27'
A124	S 89°18'58" W	61.48'
A125	S 01°10'37" W	71.07'
A126	S 53°41'35" E	71.50'
A127	N 79°01'18" E	75.95'
A128	S 16°10'46" E	54.72'
A129	S 36°37'29" E	89.94'
A130	N 89°47'15" E	97.83'

WETLAND AREA "A"

COURSE	BEARING	DISTANCE
A131	N 61°06'34" E	94.91'
A132	N 42°47'34" E	66.13'
A133	N 53°47'04" E	56.78'
A134	N 47°07'36" E	57.46'
A135	S 36°17'43" E	53.09'
A136	S 12°35'34" W	97.24'
A137	S 08°41'07" W	72.96'
A138	S 30°02'32" W	68.95'
A139	S 53°28'21" W	94.31'
A140	S 63°43'50" W	90.49'
A141	S 80°02'08" W	78.74'
A142	S 54°03'23" W	85.35'
A143	S 48°54'25" W	77.57'
A144	N 51°55'21" W	47.66'
A145	N 04°17'55" W	48.27'
A146	N 64°49'58" E	95.47'
A147	N 26°48'23" E	69.96'
A148	N 21°54'11" W	42.94'
A149	N 66°05'54" W	96.69'
A150	N 67°52'59" W	100.39'
A151	N 70°54'20" W	67.15'
A152	S 27°04'34" W	75.93'
A153	S 76°29'39" W	41.38'
A154	N 30°30'17" W	27.19'
A155	N 66°49'19" E	61.61'
A156	N 12°04'39" W	70.06'
A157	N 73°20'39" W	52.63'
A158	S 89°57'03" W	74.67'
A159	N 82°51'43" W	78.26'
A160	S 63°26'17" W	60.42'
A161	N 57°29'51" W	36.41'
A162	N 37°18'54" W	53.16'
A163	N 31°24'36" W	49.02'
A164	N 41°44'33" W	44.78'
A165	N 21°24'58" W	27.85'
A166	N 49°25'17" W	24.05'
A167	S 63°09'53" W	31.97'
A168	S 39°34'41" E	32.66'
A169	S 45°26'29" E	25.59'
A170	S 41°44'33" E	44.78'
A171	S 30°54'40" E	44.62'
A172	S 37°10'24" E	55.69'
A173	S 62°38'13" E	40.31'
A174	S 31°30'18" W	34.76'
A175	S 10°04'03" W	35.58'
A176	S 00°00'35" E	59.71'
A177	S 30°25'38" E	37.32'
A178	S 62°02'15" E	38.84'
A179	S 17°33'55" E	61.26'
A180	S 71°40'45" W	49.21'
A181	S 53°48'27" W	79.25'
A182	S 86°02'14" W	73.41'
A183	N 10°31'22" W	7.52'
A184	N 61°33'53" W	63.17'
A185	S 57°51'36" W	54.87'
A186	S 49°03'50" W	53.42'
A187	S 35°38'56" W	83.00'
A188	S 45°53'14" W	220.22'
A189	S 77°31'47" W	83.28'
A190	S 40°28'24" W	110.94'
A191	S 86°41'35" W	73.26'
A192	S 45°21'42" W	51.43'
A193	S 11°19'05" E	23.92'
A194	N 88°53'47" W	31.23'
A195	N 08°18'16" W	516.16'
A196	N 48°51'30" E	772.38'
A197	S 46°00'42" E	49.90'
A198	S 46°00'42" E	86.33'
A199	N 47°53'16" E	25.93'
A200	N 45°21'00" W	46.19'
A201	N 49°17'22" W	41.98'
A202	N 46°00'42" W	47.65'
A203	N 48°51'30" E	3743.99'
A204	N 48°54'00" E	23.19'
A205	S 17°07'35" E	789.00'
A206	S 17°35'50" E	60.06'
A207	S 14°38'05" E	1477.90'
A208	S 80°01'10" E	348.72'

WETLAND AREA "B"

COURSE	BEARING	DISTANCE
B1	S 30°39'27" W	48.85'
B2	S 84°01'20" W	94.24'
B3	N 33°56'07" W	37.13'
B4	S 78°19'36" W	53.11'
B5	N 71°27'02" W	80.49'
B6	N 65°33'35" W	77.51'
B7	N 23°59'41" W	38.17'
B8	N 78°58'20" W	73.32'
B9	N 69°16'46" W	67.83'
B10	N 10°08'18" W	26.91'
B11	N 38°48'18" E	50.32'
B12	N 88°57'25" E	58.50'
B13	N 26°09'24" E	45.25'
B14	N 64°07'14" E	70.52'
B15	S 74°37'15" E	40.28'
B16	N 18°31'11" E	70.46'
B17	N 80°28'41" E	84.85'
B18	S 34°30'05" E	72.54'
B19	S 74°01'47" E	54.86'
B20	N 64°41'33" E	59.30'
B21	N 48°53'23" E	75.01'
B22	N 04°20'08" E	45.09'
B23	N 25°46'02" W	28.23'
B24	N 35°43'42" E	46.07'
B25	N 04°18'31" W	77.24'
B26	N 08°27'54" W	69.14'
B27	N 23°45'49" E	42.91'
B28	N 24°54'02" E	64.23'
B29	N 61°18'37" E	63.44'
B30	S 70°36'13" E	91.99'
B31	S 41°02'57" E	51.38'
B32	S 05°37'19" E	85.01'
B33	S 13°05'13" W	78.81'
B34	S 06°29'44" W	70.57'
B35	S 37°04'53" W	77.72'
B36	S 49°44'43" W	104.73'
B37	S 25°44'24" W	77.86'
B38	S 15°53'16" W	86.43'
B39	S 27°17'09" E	45.86'
B40	S 53°02'08" W	54.60'
B41	S 43°53'45" W	59.23'

WETLAND AREA "C"

COURSE	BEARING	DISTANCE
C1	S 86°36'13" W	0.70'
C2	S 70°32'12" W	111.12'
C3	S 55°52'40" W	89.88'
C4	S 15°38'40" W	65.15'
C5	S 24°44'12" W	67.55'
C6	N 75°40'10" W	41.71'
C7	N 59°08'27" W	74.74'
C8	N 76°42'35" W	41.56'
C9	S 34°17'10" E	93.67'
C10	S 72°14'10" E	15.74'
C11	S 73°07'30" E	79.80'
C12	S 80°48'54" E	52.37'
C13	S 00°20'34" E	76.07'
C14	S 13°12'19" E	90.68'
C15	S 53°39'31" E	69.31'
C16	S 01°30'33" W	88.20'
C17	S 05°05'25" E	83.20'
C18	N 51°48'59" E	68.72'
C19	N 59°13'37" E	58.10'
C20	S 53°38'13" E	35.20'
C21	S 04°08'10" W	108.32'
C22	S 14°39'00" E	89.70'
C23	S 40°48'28" E	105.43'
C24	S 69°42'51" E	23.65'
C25	S 06°02'17" W	69.86'
C26	S 51°03'15" W	0.47'
C27	S 11°27'12" E	67.19'
C28	S 69°36'33" E	64.30'
C29	S 28°35'57" E	29.75'
C30	S 11°55'55" E	33.03'
C31	N 81°56'10" E	6.82'
C32	S 26°35'57" E	11.91'
C33	S 38°59'43" E	66.71'
C34	S 32°05'44" E	77.76'
C35	S 00°08'48" E	77.95'
C36	S 41°19'17" E	55.11'
C37	S 30°34'12" W	33.49'
C38	N 77°02'00" W	59.38'
C39	N 66°27'48" W	51.90'
C40	N 70°47'52" W	53.88'
C41	N 47°14'15" W	39.59'
C42	S 45°28'24" W	46.81'
C43	N 18°30'22" W	54.13'
C44	S 57°26'53" W	29.73'
C45	S 02°28'26" E	36.95'
C46	S 51°43'35" W	37.82'
C47	S 38°59'56" W	83.89'
C48	S 36°42'32" E	15.15'
C49	S 79°20'39" W	15.65'
C50	N 28°20'45" W	32.88'
C51	N 44°59'10" W	58.81'
C52	N 73°57'07" W	74.34'
C53	N 37°56'45" W	56.37'
C54	N 80°52'49" W	58.64'
C55	S 57°09'12" W	63.19'
C56	N 76°07'21" W	46.86'
C57	N 04°05'26" W	59.11'
C58	S 73°09'08" E	27.25'
C59	N 62°57'25" E	64.15'
C60	S 73°53'14" E	98.12'
C61	S 66°15'27" E	56.76'
C62	N 84°14'57" E	20.01'
C63	S 61°51'56" E	69.98'
C64	N 85°48'16" E	18.30'
C65	N 19°38'42" E	33.01'
C66	N 75°09'00" W	10.55'
C67	N 89°01'26" W	40.50'
C68	N 52°23'41" W	73.23'
C69	N 83°04'13" W	90.03'
C70	N 63°50'58" W	39.44'
C71	S 76°27'21" W	69.46'
C72	N 04°13'38" W	30.20'
C73	N 68°43'57" W	43.76'
C74	N 13°51'27" W	63.07'
C75	N 14°26'40" W	90.49'
C76	N 21°21'46" W	75.98'
C77	N 25°26'21" W	73.03'
C78	N 32°17'48" W	45.02'
C79	N 38°13'32" W	52.70'
C80	N 80°24'29" W	56.85'
C81	N 78°34'33" W	46.23'
C82	S 68°24'27" W	54.83'
C83	N 13°27'55" W	29.85'
C84	N 56°45'02" E	68.95'
C85	N 75°59'40" E	71.93'
C86	N 76°17'36" E	68.72'
C87	N 13°27'21" E	65.68'
C88	N 03°57'52" W	70.16'
C89	N 36°53'32" W	53.51'
C90	N 21°27'29" W	30.97'
C91	N 55°12'12" W	30.48'
C92	N 27°09'45" W	83.28'
C93	N 53°29'19" W	67.83'
C94	N 01°26'32" E	83.04'
C95	N 13°07'10" W	58.55'
C96	N 09°11'13" W	53.71'
C97	N 06°17'55" E	56.00'
C98	N 37°12'10" W	56.58'
C99	N 30°10'39" W	60.27'
C100	N 26°50'37" W	60.09'
C101	N 70°10'36" W	68.30'
C102	N 69°53'32" W	56.07'
C103	N 73°47'05" W	67.20'
C104	N 84°49'50" W	54.79'
C105	S 57°59'40" W	59.86'
C106	S 36°04'43" W	78.43'
C107	S 38°07'47" W	62.69'
C108	S 62°46'57" W	76.03'
C109	S 45°38'47" W	66.51'
C110	S 39°05'48" W	51.43'
C111	S 17°10'17" W	32.97'
C112	S 26°15'43" W	61.46'
C113	S 46°48'01" W	76.03'
C114	S 56°20'39" W	52.35'
C115	N 33°40'20" W	55.99'
C116	N 45°10'04" W	47.81'
C117	N 32°50'46" E	29.70'
C118	N 51°41'02" E	62.20'
C119	N 51°43'44" E	81.58'
C120	N 49°03'37" E	101.46'

WETLAND AREA "C"

COURSE	BEARING	DISTANCE
C121	N 48°30'56" E	67.05'
C122	N 46°42'20" E	85.17'
C123	S 64°13'24" E	27.95'
C124	N 36°25'01" E	89.84'
C125	N 55°12'34" E	53.74'
C126	N 00°39'56" W	49.07'
C127	N 25°52'32" E	51.12'
C128	N 00°58'36" W	62.19'
C129	N 12°05'41" W	58.07'
C130	N 24°38'28" E	44.57'
C131	N 58°08'44" E	128.05'
C132	N 67°12'30" E	47.43'
C133	N 36°53'53" W	105.45'
C134	S 77°02'02" W	68.37'
C135	N 05°03'21" W	52.00'
C136	N 16°45'30" E	59.88'
C137	N 86°17'32" E	359.70'
C138	S 84°45'05" E	39.66'
C139	S 85°29'27" E	63.90'
C140	S 48°34'48" E	81.93'
C141	S 71°17'58" E	104.08'
C142	S 57°19'27" E	100.46'
C143	S 19°45'05" E	74.31'
C144	S 25°00'02" E	74.06'
C145	N 73°47'02" E	11.92'
C146	S 11°55'55" E	388.53'

WETLAND AREA "D"

COURSE	BEARING	DISTANCE
D1	S 61°32'07" W	65.38'
D2	S 28°43'29" W	79.79'
D3	S 74°07'20" W	77.83'
D4	S 48°56'31" W	62.54'
D5	S 84°24'18" W	53.70'
D6	S 87°15'24" W	71.02'
D7	S 80°19'33" W	67.97'
D8	N 23°37'12" W	33.47'
D9	N 02°30'17" W	59.61'
D10	N 70°48'32" E	51.52'
D11	N 85°17'00" E	37.75'
D12	N 19°51'20" E	116.81'
D13	N 68°50'30" E	67.03'
D14	S 84°20'54" E	53.42'
D15	N 44°27'55" E	76.39'
D16	N 19°05'40" E	80.71'
D17	N 27°44'08" W	61.29'
D18	N 27°37'43" E	120.43'
D19	N 27°37'43" E	10.41'
D20	S 11°05'45" E	345.06'

WETLAND AREA "E"

COURSE	BEARING	DISTANCE
E1	S 82°26'30" W	288.62'
E2	N 14°14'53" W	27.91'
E3	N 49°22'08" E	38.29'
E4	N 41°00'41" W	53.82'
E5	S 57°42'28" W	49.83'
E6	N 25°39'16" W	57.99'
E7	N 31°30'55" W	107.78'
E8	N 36°08'42" W	52.20'
E9	N 43°55'04" W	33.17'
E10	N 41°38'10" W	67.15'
E11	N 71°53'07" W	46.00'
E12	N 87°10'20" W	48.99'
E13	N 26°21'50" W	48.67'
E14	N 64°08'52" W	42.88'
E15	N 09°30'18" W	67.73'
E16	N 41°51'50" W	58.13'
E17	N 46°59'59" W	34.99'
E18	N 32°45'14" W	56.32'
E19	N 02°01'26" E	54.67'
E20	N 04°00'08" W	34.37'
E21	N 01°10'16" W	35.80'
E22	N 08°40'00" W	42.56'
E23	N 21°14'41" W	31.34'
E24	N 24°39'34" W	65.33'
E25	N 02°34'28" E	40.65'
E26	N 04°17'58" E	60.68'
E27	N 07°40'55" W	56.69'
E28	N 03°32'35" E	70.94'
E29	N 17°48'23" E	68.16'
E30	N 18°56'55" E	68.47'
E31	N 05°50'38" E	48.06'
E32	N 08°48'20" E	53.44'
E33	N 83°14'05" E	66.48'
E34	N 17°55'02" E	65.63'
E35	N 10°12'58" E	60.90'
E36	N 16°27'10" E	55.13'
E37	N 26°34'33" E	71.49'
E38	N 52°16'16" E	50.26'
E39	N 41°10'04" E	33.55'
E40	N 47°05'28" E	66.06'
E41	S 52°53'56" E	50.65'
E42	N 46°30'31" E	33.83'
E43	N 88°53'24" E	36.02'
E44	S 13°12'10" E	664.58'
E45	S 13°11'41" E	1016.18'

GEORGIA REGISTERED JAMES M. ANDERSON NO. 2113 8-13-19 LAND SURVEYOR

"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

James M. Anderson

WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATHAM CO., GA.
CITY OF PORT WENTWORTH

DRAWN: OCTOBER 4, 2018

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

JN18111.CRD & JN18111.DWG

SHEET 9

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

WETLAND AREA "F"

COURSE	BEARING	DISTANCE
F1	S 36°19'24" W	107.64'
F2	S 36°19'24" W	87.59'
F3	S 39°11'49" W	60.00'
F4	S 49°57'53" W	43.17'
F5	S 80°46'39" W	64.41'
F6	S 55°01'29" W	83.57'
F7	S 25°42'24" W	79.44'
F8	S 73°31'49" W	75.68'
F9	S 71°24'05" W	80.29'
F10	S 86°28'08" W	82.27'
F11	S 61°23'33" W	79.61'
F12	S 23°19'11" W	89.13'
F13	S 73°19'55" W	47.31'
F14	N 39°46'06" W	38.84'
F15	N 11°07'59" E	56.90'
F16	N 43°21'01" E	82.71'
F17	N 28°27'17" E	82.97'
F18	N 69°31'06" E	76.23'
F19	N 13°47'15" E	82.44'
F20	N 14°59'13" W	66.57'
F21	N 55°49'22" W	59.82'
F22	N 82°37'36" W	72.09'
F23	S 42°48'56" W	73.43'
F24	S 27°43'36" W	66.43'
F25	N 86°50'13" W	73.09'
F26	N 19°47'50" W	27.44'
F27	N 75°24'18" W	80.73'
F28	S 83°08'13" W	87.54'
F29	N 53°15'15" W	50.63'
F30	N 13°45'12" E	69.05'
F31	N 03°22'48" W	84.33'
F32	N 32°55'38" W	84.04'
F33	N 74°12'17" W	68.75'
F34	N 67°57'06" W	227.97'
F35	N 10°43'50" W	178.70'
F36	S 75°33'39" E	288.07'
F37	S 25°13'42" E	58.52'
F38	S 84°43'46" E	78.31'
F39	S 77°32'50" E	46.62'
F40	S 55°57'16" E	72.35'
F41	N 30°32'05" E	84.44'
F42	N 82°52'15" E	72.15'
F43	N 79°10'24" E	60.49'
F44	S 56°54'54" E	91.42'
F45	N 58°17'53" E	71.28'
F46	S 87°10'53" E	79.16'
F47	S 22°46'59" E	85.49'
F48	S 82°21'36" E	104.97'
F49	N 77°47'37" E	90.73'
F50	N 47°01'21" E	61.91'
F51	N 74°34'27" E	67.21'
F52	N 62°09'47" E	65.06'
F53	N 80°50'35" E	75.37'
F54	N 54°57'11" E	50.46'
F55	N 45°17'03" E	31.57'
F56	S 11°08'25" E	177.50'

WETLAND AREA "G"

COURSE	BEARING	DISTANCE
G1	S 43°04'19" W	43.72'
G2	N 73°40'19" W	39.76'
G3	N 63°09'02" W	35.24'
G4	N 16°42'40" E	40.71'
G5	N 87°21'22" E	73.84'
G6	S 34°09'04" E	31.23'

WETLAND AREA "H"

COURSE	BEARING	DISTANCE
H1	S 57°22'24" W	32.30'
H2	N 71°54'18" W	20.84'
H3	S 86°45'51" W	41.08'
H4	S 81°33'39" W	35.81'
H5	S 83°42'16" W	68.32'
H6	S 65°46'51" W	58.30'
H7	N 67°58'10" W	35.89'
H8	N 25°55'20" W	45.52'
H9	N 61°43'47" E	22.00'
H10	S 89°20'25" E	274.32'

WETLAND AREA "J"

COURSE	BEARING	DISTANCE
J1	N 10°39'27" E	79.07'
J2	N 10°39'27" E	7.35'
J3	N 19°29'05" E	80.99'
J4	S 81°33'39" W	32.10'
J5	S 58°34'37" E	46.41'
J6	S 65°54'55" E	65.90'
J7	S 83°38'09" E	45.04'
J8	S 22°48'48" E	41.82'
J9	S 00°51'08" E	72.75'
J10	S 00°51'08" E	4.16'
J11	N 88°16'20" W	221.26'

WETLAND AREA "K"

COURSE	BEARING	DISTANCE
K1	N 55°11'39" E	62.83'
K2	S 73°54'20" E	55.03'
K3	S 21°08'52" E	34.28'
K4	S 31°04'17" E	43.51'
K5	S 14°55'58" E	50.93'
K6	S 11°23'28" E	44.71'
K7	S 13°07'26" W	42.89'
K8	S 51°46'13" W	37.27'
K9	N 79°11'35" W	57.63'
K10	N 32°31'34" W	49.72'
K11	N 16°55'09" W	71.06'
K12	N 58°00'07" W	28.48'
K13	N 01°38'34" E	57.52'
K14	N 10°14'52" E	14.51'

WETLAND AREA "M"

COURSE	BEARING	DISTANCE
M1	N 58°54'18" E	66.10'
M2	S 69°53'41" E	65.23'
M3	N 86°22'23" E	43.95'
M4	N 80°03'47" E	77.40'
M5	S 83°14'30" E	14.30'
M6	S 87°02'02" E	31.06'
M7	S 15°41'31" E	10.27'
M8	S 26°41'26" E	61.02'
M9	N 83°04'44" W	15.27'
M10	S 69°53'57" W	25.77'
M11	S 66°42'21" W	49.29'
M12	S 51°00'58" W	54.49'
M13	S 85°48'10" W	75.58'
M14	S 25°18'17" W	29.40'
M15	S 33°48'44" W	16.25'
M16	N 26°15'37" W	63.41'
M17	N 76°00'34" W	50.90'
M18	N 08°18'54" W	56.32'
M19	N 49°17'12" W	24.36'

WETLAND AREA "N"

COURSE	BEARING	DISTANCE
N1	N 57°32'24" E	52.12'
N2	S 59°17'38" E	52.06'
N3	S 41°41'50" E	65.72'
N4	S 13°36'00" E	67.77'
N5	S 53°43'50" W	69.31'
N6	N 78°45'33" W	72.51'
N7	N 57°05'05" W	50.50'
N8	N 18°55'58" W	21.75'
N9	N 02°16'05" W	56.46'
N10	N 38°52'48" E	47.19'

WETLAND AREA "P"

COURSE	BEARING	DISTANCE
P1	S 66°38'37" E	45.30'
P2	S 02°36'27" E	29.78'
P3	S 08°35'52" E	50.79'
P4	S 30°12'27" W	35.41'
P5	N 67°50'40" W	29.31'
P6	N 51°16'13" W	42.98'
P7	N 31°49'24" W	34.54'
P8	N 00°06'54" E	34.65'
P9	N 60°12'25" E	53.11'

WETLAND AREA "Q"

COURSE	BEARING	DISTANCE
Q1	N 72°02'58" E	50.23'
Q2	N 64°45'19" E	39.52'
Q3	S 76°07'59" E	42.86'
Q4	S 29°14'14" E	43.83'
Q5	S 20°19'32" E	49.48'
Q6	S 22°07'31" W	64.14'
Q7	S 25°13'26" W	45.66'
Q8	S 58°16'07" W	56.29'
Q9	S 50°43'41" W	45.96'
Q10	N 81°46'24" W	46.84'
Q11	N 21°27'24" W	53.20'
Q12	N 22°42'43" W	74.36'
Q13	N 14°55'02" E	56.48'
Q14	N 45°28'10" E	60.83'

WETLAND AREA "R"

COURSE	BEARING	DISTANCE
R1	S 07°15'46" W	41.79'
R2	S 24°26'50" W	40.09'
R3	S 03°21'27" W	89.30'
R4	S 31°42'22" E	68.22'
R5	S 26°07'55" E	36.24'
R6	S 24°51'56" E	35.69'
R7	S 06°39'20" E	77.08'
R8	S 01°12'30" W	55.11'
R9	S 06°00'26" E	54.76'
R10	S 43°03'42" E	61.52'
R11	S 36°21'32" W	50.73'
R12	S 03°20'03" E	55.45'
R13	S 05°09'09" E	30.04'
R14	S 60°52'00" W	61.53'
R15	S 74°32'00" W	83.18'
R16	S 78°10'10" W	77.94'
R17	S 61°46'41" W	33.63'
R18	S 27°25'33" W	75.69'
R19	S 23°59'03" W	58.45'
R20	S 22°14'09" W	43.79'
R21	S 12°32'56" E	38.68'
R22	S 02°31'00" E	60.58'
R23	S 00°02'09" W	59.14'
R24	S 10°19'51" E	39.58'
R25	S 26°46'57" W	59.52'
R26	S 76°10'21" W	58.11'
R27	S 07°44'41" W	31.71'
R28	S 74°39'05" W	15.84'
R29	S 08°17'00" E	52.77'
R30	S 08°17'00" E	71.00'
R31	S 72°14'36" W	48.76'
R32	S 76°30'19" W	79.54'
R33	N 61°40'58" W	103.45'
R34	N 25°30'26" E	100.27'
R35	N 12°36'27" W	101.74'
R36	N 33°43'27" W	69.12'
R37	N 22°49'39" W	103.87'
R38	S 76°17'41" W	56.04'
R39	S 59°56'00" W	77.65'
R40	N 75°23'58" W	69.03'
R41	N 68°32'35" W	54.66'
R42	S 89°40'39" W	30.21'
R43	S 20°36'20" W	53.99'
R44	S 78°00'38" W	68.04'
R45	S 54°40'36" W	55.96'
R46	N 65°28'19" W	73.87'
R47	S 25°43'42" W	38.03'
R48	S 55°27'47" W	71.86'
R49	S 52°11'59" W	51.08'
R50	S 35°47'17" W	49.13'
R51	S 56°17'04" W	52.11'
R52	S 03°52'24" E	38.09'
R53	S 03°52'24" E	10.85'
R54	S 76°12'20" W	651.15'
R55	S 15°18'30" W	955.08'
R56	S 15°03'40" E	275.98'
R57	N 76°32'45" E	454.35'
R58	S 04°29'20" E	61.42'
R59	S 78°54'18" W	55.90'
R60	N 62°30'03" W	51.74'
R61	N 68°06'48" W	41.05'
R62	S 23°26'46" W	65.81'
R63	N 60°45'55" E	45.66'
R64	S 48°25'43" W	58.75'
R65	S 26°02'35" E	53.89'
R66	S 27°18'19" W	49.22'
R67	S 29°40'15" W	60.65'
R68	S 01°03'27" E	54.72'
R69	S 08°08'41" W	47.22'
R70	N 67°34'49" W	76.14'
R71	S 32°06'09" W	59.33'
R72	S 13°13'15" E	71.34'
R73	S 30°41'35" W	61.70'
R74	N 76°19'33" W	71.06'
R75	N 61°11'39" W	50.06'
R76	S 58°24'21" W	52.89'
R77	S 32°22'45" W	48.24'
R78	S 05°03'43" W	49.83'
R79	S 37°49'58" W	52.60'
R80	S 32°08'51" W	46.47'
R81	S 67°53'32" W	62.15'
R82	S 15°16'14" E	46.60'
R83	S 44°15'57" E	61.65'
R84	S 16°49'54" W	46.15'
R85	S 27°11'42" E	55.64'
R86	S 12°46'41" E	70.69'
R87	S 21°50'09" W	51.50'
R88	S 31°50'28" W	19.56'
R89	N 27°21'15" W	180.76'
R90	S 83°24'05" W	317.16'
R91	N 07°34'10" W	278.04'
R92	N 35°30'55" E	698.23'
R93	N 52°30'05" W	200.39'
R94	N 30°13'55" E	377.84'
R95	N 15°39'25" W	113.85'
R96	N 88°37'15" W	373.11'
R97	N 44°36'03" E	61.22'
R98	N 08°00'35" E	40.32'
R99	N 26°20'46" W	45.63'
R100	N 49°11'08" W	42.99'
R101	N 75°47'25" W	62.25'
R102	N 13°04'51" E	46.85'
R103	N 72°39'46" E	59.18'
R104	N 58°27'01" E	75.95'
R105	N 36°11'28" E	49.98'
R106	N 72°08'38" E	50.77'
R107	S 37°35'35" E	62.03'
R108	S 37°42'51" E	38.72'
R109	N 76°01'23" E	76.31'
R110	N 68°24'28" E	71.99'
R111	N 43°47'13" E	74.52'
R112	N 10°36'21" E	76.36'
R113	N 85°06'47" E	66.36'
R114	N 36°48'37" E	70.43'
R115	N 53°15'50" E	65.37'
R116	N 19°48'57" E	68.52'
R117	N 45°46'20" E	44.12'
R118	N 56°15'19" E	64.70'
R119	N 27°01'12" W	62.42'
R120	N 26°22'54" W	68.17'

WETLAND AREA "R"

COURSE	BEARING	DISTANCE
R121	N 33°26'45" W	61.90'
R122	N 32°51'33" W	43.97'
R123	N 19°43'08" W	33.67'
R124	S 83°10'34" W	40.01'
R125	S 69°08'46" W	40.17'
R126	S 62°18'37" W	53.37'
R127	N 80°56'41" W	43.02'
R128	N 82°52'27" W	59.00'
R129	S 80°43'18" W	47.19'
R130	S 69°19'05" W	63.36'
R131	S 81°39'15" W	65.53'
R132	S 64°55'46" W	81.23'
R133	H 69°10'07" W	43.99'
R134	S 66°63'05" W	64.01'
R135	S 37°12'06" W	41.44'
R136	S 81°19'16" W	44.12'
R137	S 49°02'26" W	78.51'
R138	S 51°24'12" W	53.85'
R139	S 87°35'09" W	88.67'
R140	S 19°12'43" W	32.67'
R141	S 39°58'40" W	84.28'
R142	S 46°55'21" W	88.74'
R143	S 75°31'21" W	51.07'
R144	N 22°41'45" W	46.06'
R145	N 44°58'27" W	62.41'
R146	N 34°09'16" W	21.32'
R147	N 53°53'05" E	29.67'
R148	S 35°23'11" E	22.01'
R149	S 76°26'51" E	45.28'
R150	N 10°26'30" W	78.31'
R151	N 28°17'09" W	48.27'
R152	N 39°50'43" W	56.68'
R153	S 64°27'11" W	12.71'
R154	S 31°41'15" E	22.97'
R155	S 29°10'23" E	57.45'
R156	S 54°33'52" W	59.92'
R157	S 58°07'19" W	69.40'
R158	S 68°23'35" W	39.06'
R159	S 38°30'03" W	74.40'
R160	S 58°54'05" W	62.30'
R161	N 87°39'16" W	74.79'
R162	N 72°28'33" W	116.75'
R163	N 82°19'36" W	103.22'
R164	S 72°17'04" W	81.08'
R165	S 87°59'23" W	85.16'
R166	N 11°52'10" W	168.99'
R167	N 69°49'25" E	66.58'
R168	S 81°36'17" E	43.70'
R169	S 82°20'06" E	40.13'
R170	N 69°11'17" E	51.82'
R171	N 37°22'58" E	50.76'
R172	N 19°37'59" W	32.98'
R173	S 82°22'19" W	63.20'
R174	N 54°39'30" W	51.79'
R175	N 40°01'42" W	44.57'
R176	N 81°13'36" W	49.37'
R177	N 21°37'54" W	62.17'
R178	N 31°36'16" E	43.10'
R179	S 73°04'21" E	40.41'
R180	S 78°29'30" E	58.75'
R181	N 62°09'13" E	62.75'
R182	N 77°47'53" E	60.24'
R183	S 21°49'24" E	94.81'
R184	S 60°15'30" E	39.15'
R185	S 39°08'18" E	51.80'
R186	S 76°21'06" E	42.17'
R187	N 85°31'06" E	35.88'
R188	N 12°22'58" E	25.89'
R189	N 05°36'37" W	35.15'
R190	N 73°05'19" E	47.57'
R191	S 76°04'26" E	36.78'
R192	S 49°57'26" E	51.13'
R193	S 17°31'36" E	43.79'
R194	S 31°37'33" E	35.72'
R195	N 60°02'55" E	42.76'
R196	N 77°01'45" E	44.59'
R197	S 38°38'55" E	23.69'
R198	S 51°19'06" E	39.80'
R199	N 62°50'27" E	14.27'
R200	N 37°15'30" W	38.86'
R201	N 32°42'41" E	24.20'
R202	N 87°40'11" E	61.29'
R203	N 66°26'58" E	46.11'
R204	N 78°42'12" E	62.86'
R205	N 39°27'35" E	62.07'
R206	N 31°26'46" W	46.56'
R207	N 05°41'16" W	88.07'
R208	N 72°07'36" E	37.10'
R209	N 81°19'30" E	62.84'
R210	S 70°41'34" E	26.76'
R211	S 79°45'31" E	60.57'
R212	S 30°31'28" E	44.09'
R213	S 26°19'22" E	42.39'
R214	N 76°23'17" E	110.35'
R215	N 58°07'05" E	28.96'
R216	N 52°13'38" E	62.48'
R217	S 34°34'12" E	43.77'
R218	N 61°36'51" E	58.26'
R219	N 14°31'46" E	83.55'
R220	S 87°11'55" E	39.28'
R221	N 42°46'43" W	38.36'
R222	N 50°35'46" W	36.17'
R223	N 16°01'48" W	40.66'
R224	N 34°28'12" W	59.76'
R225	N 52°10'53" W	23.94'
R226	N 87°32'46" W	62.39'
R227	S 59°01'41" W	52.04'
R228	S 74°08'22" W	71.76'
R229	N 76°22'32" W	55.04'
R230	N 86°23'57" W	57.83'

GEORGIA REGISTERED
NO. 2113
8-13-19
LAND SURVEYOR
JAMES M. ANDERSON

"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATHAM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
JN18111.CRD & JN18111.DWG
SHEET 10

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764–2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

WETLAND AREA "R"

COURSE	BEARING	DISTANCE
R231	S 61°46'33" W	54.87'
R232	S 84°29'29" W	68.88'
R233	S 82°42'15" W	43.04'
R234	S 79°07'33" W	62.16'
R235	N 22°32'14" W	47.22'
R236	N 88°35'26" W	31.42'
R237	S 83°34'49" W	43.56'
R238	N 80°12'11" W	34.72'
R239	N 88°11'50" W	70.44'
R240	N 85°59'55" W	40.24'
R241	N 47°40'36" W	33.25'
R242	S 79°48'48" W	55.76'
R243	N 18°07'44" E	24.99'
R244	N 55°19'11" E	44.79'
R245	S 59°26'13" E	45.48'
R246	N 69°13'58" E	62.33'
R247	S 88°48'59" E	67.24'
R248	N 74°28'52" E	56.11'
R249	N 45°15'57" E	66.78'
R250	S 80°30'58" E	38.13'
R251	N 65°38'23" E	41.52'
R252	N 66°18'42" E	50.32'
R253	N 84°41'59" E	59.01'
R254	N 61°30'04" E	72.21'
R255	S 39°53'18" E	38.30'
R256	S 74°58'10" E	34.95'
R257	S 45°42'42" E	26.59'
R258	S 84°13'14" E	88.01'
R259	N 77°21'04" E	108.35'
R260	N 61°26'55" E	75.53'
R261	N 75°14'12" E	96.22'
R262	N 86°58'00" E	52.00'
R263	S 45°24'24" E	37.75'
R264	S 67°23'44" E	104.54'
R265	N 42°48'55" E	49.84'
R266	S 58°09'18" E	21.40'
R267	S 33°08'32" E	38.78'
R268	S 82°47'53" E	32.86'
R269	N 69°14'14" E	66.25'
R270	S 84°10'04" E	48.91'
R271	N 48°39'19" E	66.04'
R272	N 58°20'09" E	89.26'
R273	N 54°12'44" E	47.43'
R274	S 81°58'34" E	59.08'
R275	S 82°09'29" E	28.18'
R276	N 56°07'35" E	64.95'
R277	S 09°55'52" E	86.80'
R278	S 22°40'45" E	74.67'
R279	S 43°32'15" W	67.05'
R280	S 19°08'19" W	60.71'
R281	S 41°18'17" E	54.30'
R282	S 57°37'32" E	46.92'
R283	N 72°34'20" E	65.90'
R284	S 84°29'49" E	42.62'
R285	N 05°21'54" E	88.87'
R286	N 35°12'53" E	55.70'
R287	N 75°00'33" E	34.72'
R288	S 34°15'16" E	53.44'
R289	S 13°18'14" W	60.88'
R290	S 49°59'43" E	39.89'
R291	N 80°34'36" E	45.08'
R292	N 83°48'07" E	51.73'
R293	N 17°52'57" W	76.44'
R294	N 26°32'52" W	49.16'
R295	N 67°49'46" E	52.39'
R296	S 55°19'08" E	35.80'
R297	S 63°52'41" E	62.33'
R298	S 49°51'21" E	79.15'
R299	N 42°39'23" E	64.24'
R300	S 82°35'27" E	56.57'
R301	N 54°57'31" E	42.89'
R302	N 71°31'00" E	81.40'
R303	N 65°37'02" E	37.48'
R304	N 26°25'21" E	79.01'
R305	N 37°40'40" E	30.90'
R306	N 86°49'07" E	62.62'
R307	N 11°24'46" W	50.56'
R308	N 10°46'33" E	78.00'
R309	N 19°34'46" W	48.89'
R310	N 74°03'47" W	60.24'
R311	N 56°57'50" W	30.11'
R312	N 42°41'38" W	36.65'
R313	N 10°21'53" W	61.95'
R314	N 78°35'38" W	9.55'
R315	S 23°11'01" W	58.47'
R316	S 01°54'39" E	60.64'
R317	S 41°27'58" W	37.82'
R318	S 41°09'38" W	45.24'
R319	S 46°46'49" W	46.48'
R320	N 78°45'07" W	17.24'
R321	N 18°18'14" E	97.52'
R322	N 14°38'23" E	49.07'
R323	N 08°57'00" E	56.36'
R324	N 00°14'12" E	64.13'
R325	S 79°12'22" E	45.17'
R326	N 79°55'25" E	46.82'
R327	N 11°46'08" W	35.12'
R328	N 18°19'52" W	86.07'
R329	N 24°33'22" W	53.44'
R330	N 22°53'14" W	79.80'
R331	N 01°46'03" W	68.72'
R332	N 19°49'30" W	75.56'
R333	N 40°46'59" W	41.93'
R334	N 24°27'28" W	86.54'
R335	N 21°34'03" E	50.10'
R336	N 86°40'13" E	76.42'
R337	N 53°49'51" W	50.12'
R338	N 87°08'00" W	26.09'
R339	N 20°56'12" W	12.05'
R340	N 79°04'28" E	160.02'
R341	N 78°09'43" E	176.43'
R342	N 78°09'22" E	107.88'
R343	S 14°05'35" E	504.78'
R344	N 76°22'55" E	442.90'
R345	N 76°23'10" E	49.53'

WETLAND AREA "S"

COURSE	BEARING	DISTANCE
S1	S 73°58'04" W	131.74'
S2	S 76°09'33" W	175.73'
S3	S 82°30'39" W	123.67'
S4	N 33°39'10" W	60.05'
S5	N 21°33'12" W	42.56'
S6	S 64°34'34" W	79.91'
S7	S 00°57'39" W	37.27'
S8	S 82°24'12" W	11.38'
S9	N 18°53'40" W	490.62'
S10	N 82°26'39" E	378.51'
S11	S 41°59'15" E	529.66'
S12	S 18°50'40" W	50.95'

WETLAND AREA "U"

COURSE	BEARING	DISTANCE
U1	S 29°26'17" E	22.64'
U2	S 27°30'10" W	33.23'
U3	N 67°21'50" W	27.58'
U4	N 09°28'16" W	36.23'
U5	N 85°08'56" E	35.66'

WETLAND AREA "V"

COURSE	BEARING	DISTANCE
V1	S 83°21'07" E	22.43'
V2	S 73°33'06" E	47.93'
V3	S 43°21'36" E	33.16'
V4	S 42°36'47" W	35.59'
V5	S 85°36'57" W	34.19'
V6	S 36°09'05" W	39.80'
V7	S 30°58'44" W	57.33'
V8	N 83°04'51" W	43.26'
V9	N 21°00'25" E	167.81'

WETLAND AREA "W"

COURSE	BEARING	DISTANCE
W1	N 86°43'20" W	6.69'
W2	N 86°39'48" W	55.38'
W3	S 75°38'36" W	68.83'
W4	S 87°47'57" W	52.80'
W5	N 71°27'17" W	28.41'
W6	N 23°26'27" W	60.97'
W7	N 65°25'34" W	30.29'
W8	S 80°01'10" E	258.05'

WETLAND AREA "X"

COURSE	BEARING	DISTANCE
X1	N 79°49'37" E	7.71'
X2	S 16°27'34" E	44.84'
X3	S 63°29'43" E	27.14'
X4	S 54°30'08" E	47.74'
X5	S 54°21'43" E	36.27'
X6	S 30°57'32" W	25.94'
X7	S 66°23'17" W	58.69'
X8	S 57°22'24" W	13.17'
X9	N 12°35'20" W	159.30'

WETLAND AREA "Y"

COURSE	BEARING	DISTANCE
Y1	N 07°04'41" W	50.31'
Y2	N 65°59'27" E	82.50'
Y3	S 86°30'28" E	80.82'
Y4	S 77°22'48" E	62.70'
Y5	S 68°42'03" E	77.54'
Y6	N 80°30'08" E	62.74'
Y7	N 62°51'06" E	66.76'
Y8	S 35°21'15" W	164.57'
Y9	N 72°23'18" W	279.27'
Y10	S 44°46'35" W	91.80'

WETLAND AREA "Z"

COURSE	BEARING	DISTANCE
Z1	S 59°54'44" W	40.89'
Z2	S 28°08'29" W	50.92'
Z3	N 69°49'05" W	39.98'
Z4	N 84°59'33" W	40.05'
Z5	N 12°23'56" E	67.30'
Z6	N 07°12'18" E	17.93'
Z7	N 20°32'27" E	41.73'
Z8	N 39°34'24" E	62.07'
Z9	N 59°55'21" E	69.80'
Z10	N 43°24'22" E	37.52'
Z11	N 82°06'25" E	34.09'
Z12	S 74°50'23" E	45.32'
Z13	S 27°04'06" E	28.19'
Z14	S 19°27'53" W	40.03'
Z15	S 31°30'59" W	58.31'
Z16	S 51°30'40" W	82.39'

TIE LINES

COURSE	BEARING	DISTANCE
T1	N 17°30'25" W	378.35'
T2	N 36°22'31" W	258.11'
T3	S 28°07'09" E	228.61'
T4	N 06°47'15" W	50.07'

BOUNDARY LINES

COURSE	BEARING	DISTANCE
L1	S 86°26'30" W	67.76'
L2	N 27°21'15" W	122.94'
L3	N 27°21'15" W	180.76'
L4	N 52°30'05" W	200.29'
L5	N 15°39'25" W	113.85'
L6	S 35°21'15" W	184.57'
L7	S 44°46'35" W	91.80'
L8	N 21°00'25" E	167.81'
L9	N 11°52'10" W	168.69'
L10	N 11°52'10" W	20.70'
L11	S 89°20'25" E	274.32'
L12	S 89°20'25" E	9.66'
L13	N 12°35'20" W	5.76'
L14	N 12°35'20" W	159.30'
L15	N 12°35'20" W	276.19'
L16	N 87°26'00" W	110.52'
L17	N 88°16'20" W	225.37'
L18	N 88°16'20" W	221.26'
L19	N 88°16'20" W	231.85'
L20	N 48°51'30" E	24.09'
L21	N 48°54'00" E	23.19'
L22	S 17°35'50" E	60.08'
L23	S 80°01'10" E	191.31'
L24	S 80°01'10" E	258.05'
L25	N 17°32'50" W	218.78'
L26	N 17°32'50" W	85.60'
L27	N 83°32'30" W	51.10'
L28	S 13°44'15" E	66.37'
L29	S 13°44'15" E	148.46'
L30	S 13°44'15" E	73.15'
L31	S 13°44'15" E	143.11'
L32	S 11°06'45" E	121.53'
L33	S 55°38'55" E	109.89'
L34	S 18°53'40" E	54.38'
L35	N 79°52'48" E	50.59'
L36	N 18°53'40" W	38.44'
L37	S 18°50'40" W	50.95'
L38	S 18°50'40" W	46.07'
L39	N 76°23'10" E	49.53'
L40	N 13°22'10" W	55.29'
L41	N 80°14'44" E	49.33'
L42	S 85°43'25" E	134.34'
L43	N 71°47'30" E	19.91'
L44	S 18°08'30" E	21.05'
L45	S 18°30'15" E	109.24'
L46	S 17°54'25" E	66.75'
L47	S 74°39'05" W	15.84'
L48	S 08°17'00" E	52.77'
L49	S 08°17'00" E	71.00'
L50	S 08°17'00" E	309.23'
L51	S 76°51'23" W	118.44'
L52	S 76°02'32" W	89.43'
L53	S 76°30'10" W	153.36'
L54	S 76°05'25" W	143.50'
L55	S 04°29'20" E	61.42'
L56	N 10°43'50" W	146.35'
L57	N 10°43'50" W	178.70'

NOTES:

1. WETLAND DELINEATION FLAGGED BY SLIGH ENVIRONMENTAL CONSULTANTS, INC. DATED JUNE 11, 2018
2. BOUNDARY INFORMATION WAS COMPILED FROM A PLAT OF THIS PROPERTY BY PAUL WILDER RLS #1559 DATED MARCH 22, 1983 AND RECORDED IN PLAT CABINET B PAGES 48A AND 48B OF THE CLERK OF SUPERIOR COURT OF EFFINGHAM COUNTY, AND PLATS OF ADJACENT PROPERTIES RECORDED IN P.B. 50 PAGE 379 AND P.B. 41 PAGE 70 OF THE CLERK OF SUPERIOR COURT OF CHATHAM COUNTY.
3. A PORTION OF THIS PROPERTY MAY BE CONSIDERED WETLANDS UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE WETLAND AREAS WITHOUT PROPER AUTHORIZATION.
4. LINES F34, F36, & F37 WERE DETERMINED BY AVAILABLE LIDAR INFORMATION AT REQUEST OF USACE AFTER SITE VISIT.

GEORGIA REGISTERED NO. 2113 8-13-19 LAND SURVEYOR JAMES M. ANDERSON

"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

James M. Anderson

WETLANDS MAP FOR:

SAM L. VARNEDOE, JR., ET. AL.

LOCATION: 8TH. G.M.D. CHATHAM CO., GA.
CITY OF PORT WENTWORTH
DRAWN: OCTOBER 4, 2018
BY: JAMES M. ANDERSON–GA. R.L.S. 2113
JN18111.CRD & JN18111.DWG
SHEET 11

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3604

August 05, 2019

Regulatory Division
SAS-2019-0535

Mr. Gary Wiggin
660 East 39th Street
Savannah, Georgia 31401

Dear Mr. Wiggin:

I refer to the request received on July 02, 2019 submitted on your behalf by Mr. Brett Searing of Resource and Land Consultants, requesting a delineation verification for a 105.14 acre site, located off of Augusta Road, in the city of Port Wentworth, Chatham County, Georgia (Latitude 32.2189, Longitude -81.2038). This project has been assigned number SAS-2019-00535 and it is important that you refer to this number in all communication concerning this matter.

The enclosed survey entitled, "105.14 ACRES KNOWN AS THE ZIMMERMAN TRACT", SHEETS 1 through 10, signed by Registered Land Surveyor, Mr. Thomas G. Gammon, accurately identifies the delineated limits of all aquatic resources located within the 105.14-acre site. The wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual. This delineation will remain valid for a period of 5-years unless new information warrants revision prior to that date.

If you intend to sell property that is part of a project that requires Department of the Army Authorization, it may be subject to the Interstate Land Sales Full Disclosure Act. The Property Report required by Housing and Urban Development Regulation must state whether, or not a permit for the development has been applied for, issued or denied by the Corps (Part 320.3(h) of Title 33 of the CFR).

This communication does not convey any property rights, either in real estate or material, or any exclusive privileges. It does not authorize any injury to property, invasion of rights, or any infringement of federal, state or local laws, or regulations. It does not obviate your requirement to obtain state or local assent required by law for the development of this property. If the information you have submitted, and on which the Corps has based its determination is later found to be in error, this decision may be revoked.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

Thank you in advance for completing our on-line Customer Survey Form located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. We value your comments and appreciate your taking the time to complete a survey each time you have interaction with our office.

If you have any questions, please contact me at 912-652-5048 or sarah.f.spatzer@usace.army.mil.

Sincerely,

SPATZER.SARAH.FITZGERALD.1289753059

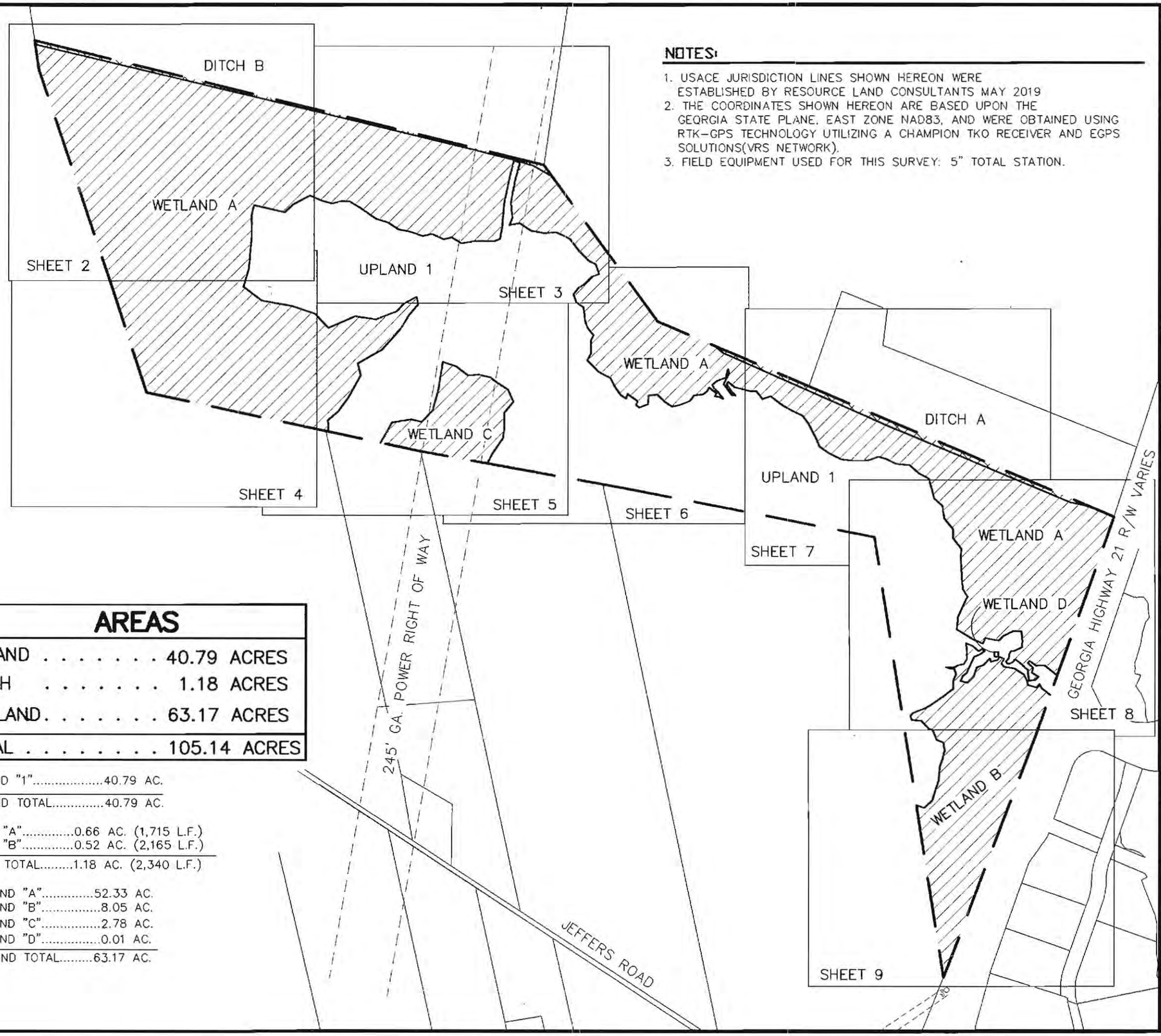
Digitally signed by SPATZER.SARAH.FITZGERALD.1289753059
Date: 2019.08.05 11:13:20 -04'00'

Sarah F. Spatzer
Regulatory Specialist, Coastal Branch

Copy Furnished: Mr. Brett Searing, Resource and Land Consultants

Enclosure

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment



NOTES:

1. USACE JURISDICTION LINES SHOWN HEREON WERE ESTABLISHED BY RESOURCE LAND CONSULTANTS MAY 2019
2. THE COORDINATES SHOWN HEREON ARE BASED UPON THE GEORGIA STATE PLANE, EAST ZONE NAD83, AND WERE OBTAINED USING RTK-GPS TECHNOLOGY UTILIZING A CHAMPION TKO RECEIVER AND EGPS SOLUTIONS(VRS NETWORK).
3. FIELD EQUIPMENT USED FOR THIS SURVEY: 5" TOTAL STATION.

GA. SPC - EAST ZONE
GRID NORTH - NAD 83

GEORGIA REGISTERED № 3005 PROFESSIONAL LAND SURVEYOR THOMAS G. GAMMON

THOMAS G. GAMMON
GA. REG. LAND SURVEYO
LICENSE NO. 3005

LEGEND:

- PROJECT LIMITS
- WETLANDS
- DITCH

USACE - U.S. ARMY CORPS OF ENGINEERS

AREAS	
UPLAND	40.79 ACRES
DITCH	1.18 ACRES
WETLAND	63.17 ACRES
TOTAL	105.14 ACRES

UPLAND "1".....40.79 AC.
UPLAND TOTAL.....40.79 AC.

DITCH "A".....0.66 AC. (1,715 L.F.)
DITCH "B".....0.52 AC. (2,165 L.F.)
DITCH TOTAL.....1.18 AC. (2,340 L.F.)

WETLAND "A".....52.33 AC.
WETLAND "B".....8.05 AC.
WETLAND "C".....2.78 AC.
WETLAND "D".....0.01 AC.
WETLAND TOTAL.....63.17 AC.

USACE JURISDICTION
LINE SURVEY OF:

105.14 ACRES
KNOWN AS THE ZIMMERMAN TRACT

PORT WENTWORTH
CHATHAM COUNTY, GEORGIA
PREPARED FOR:
GARY WIGGIN

PREPARED BY:
GAMMON SURVEYING & ASSOCIATES, LL

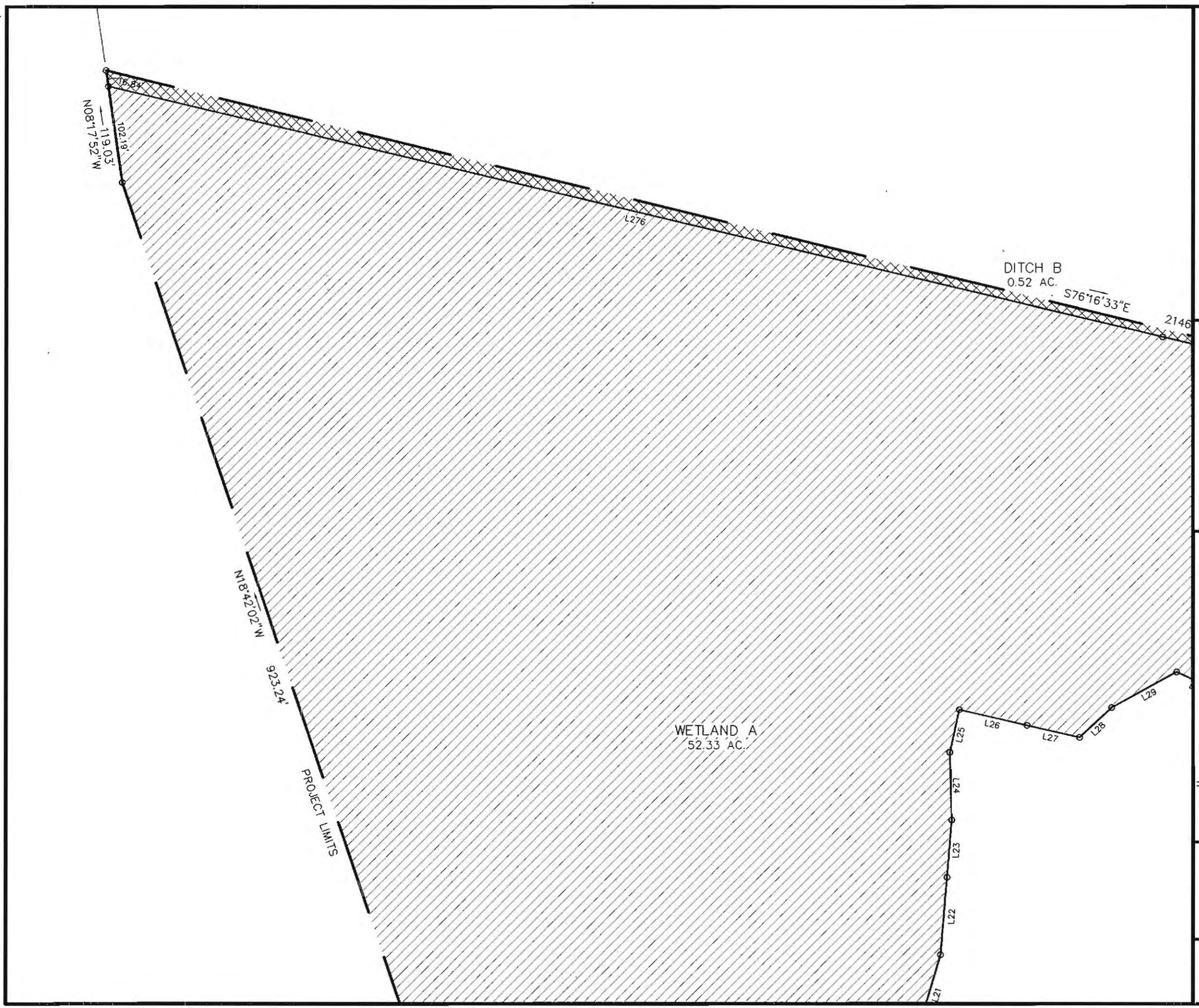
6 RIVER BLUFF DRIVE
SAVANNAH, GEORGIA. 31406 / (912) 655-4891

400 0 200 400 800

SCALE: 1 INCH = 400 FEET

PLAT DATE 5/23/2019
FILE NUMBER 00515-WET

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map



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GRID NORTH – NAD 83

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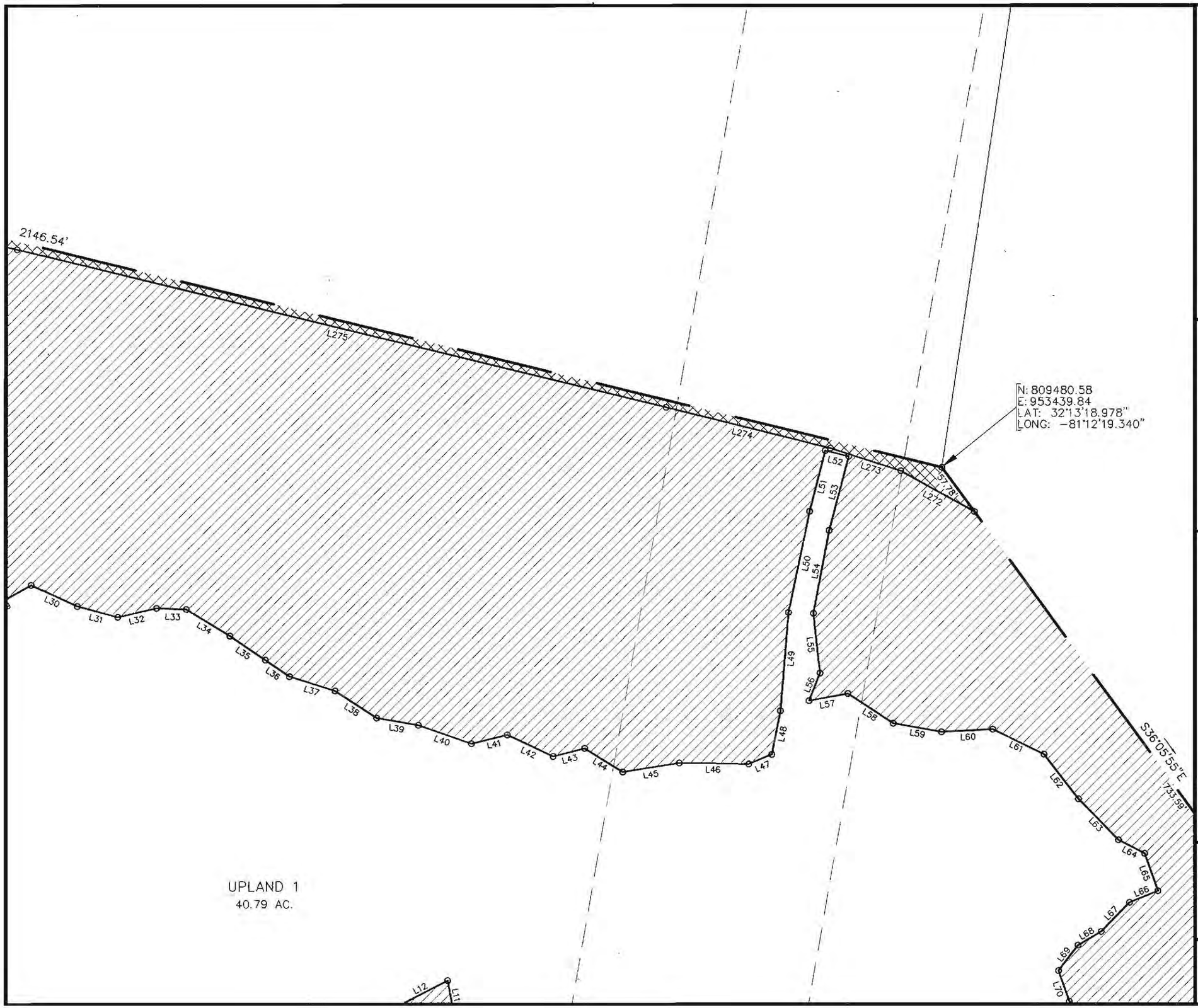
GAMMON SURVEYING & ASSOCIATES, LLC
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100 0 50 100 200

SCALE: 1 INCH = 100 FEET

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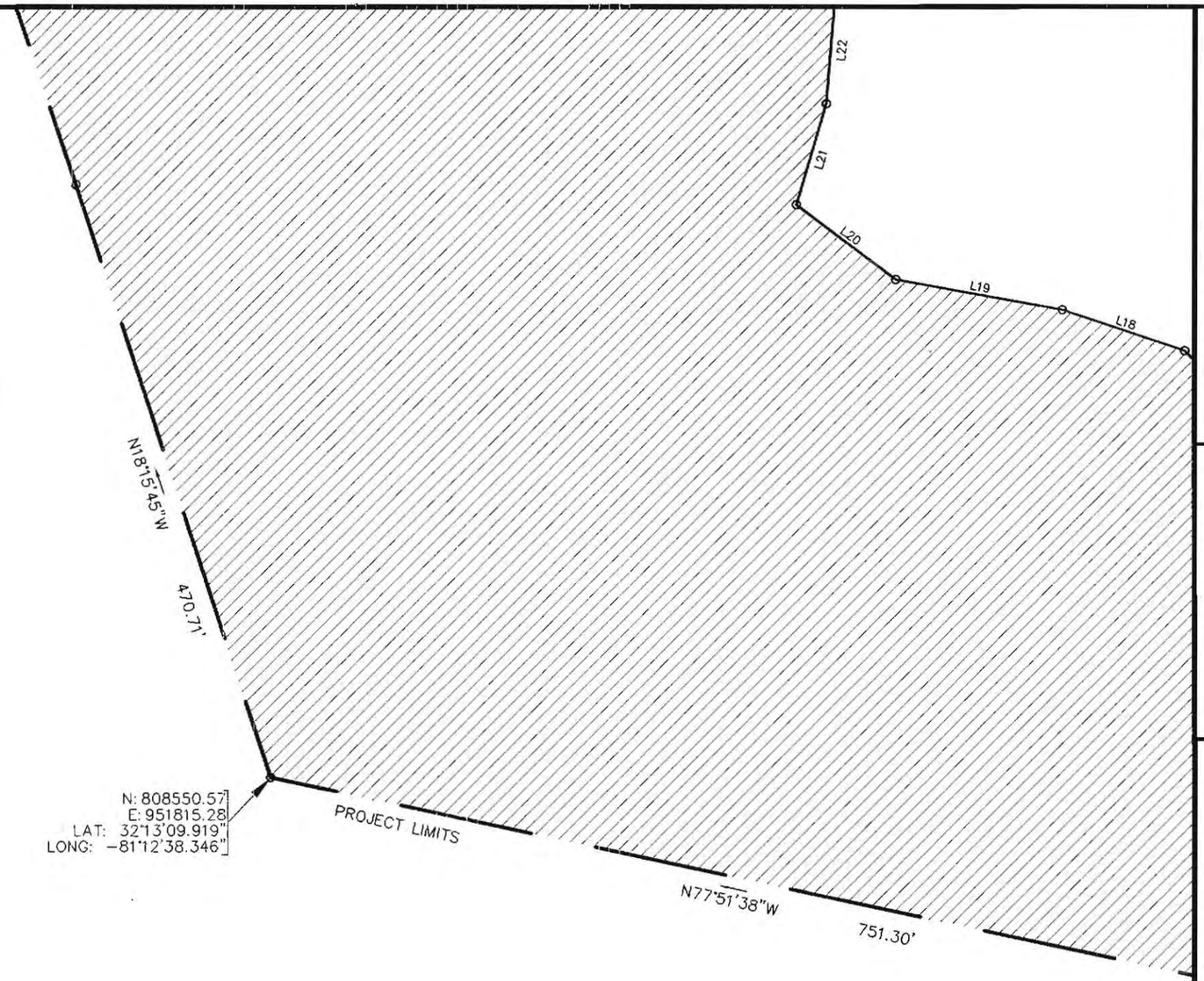
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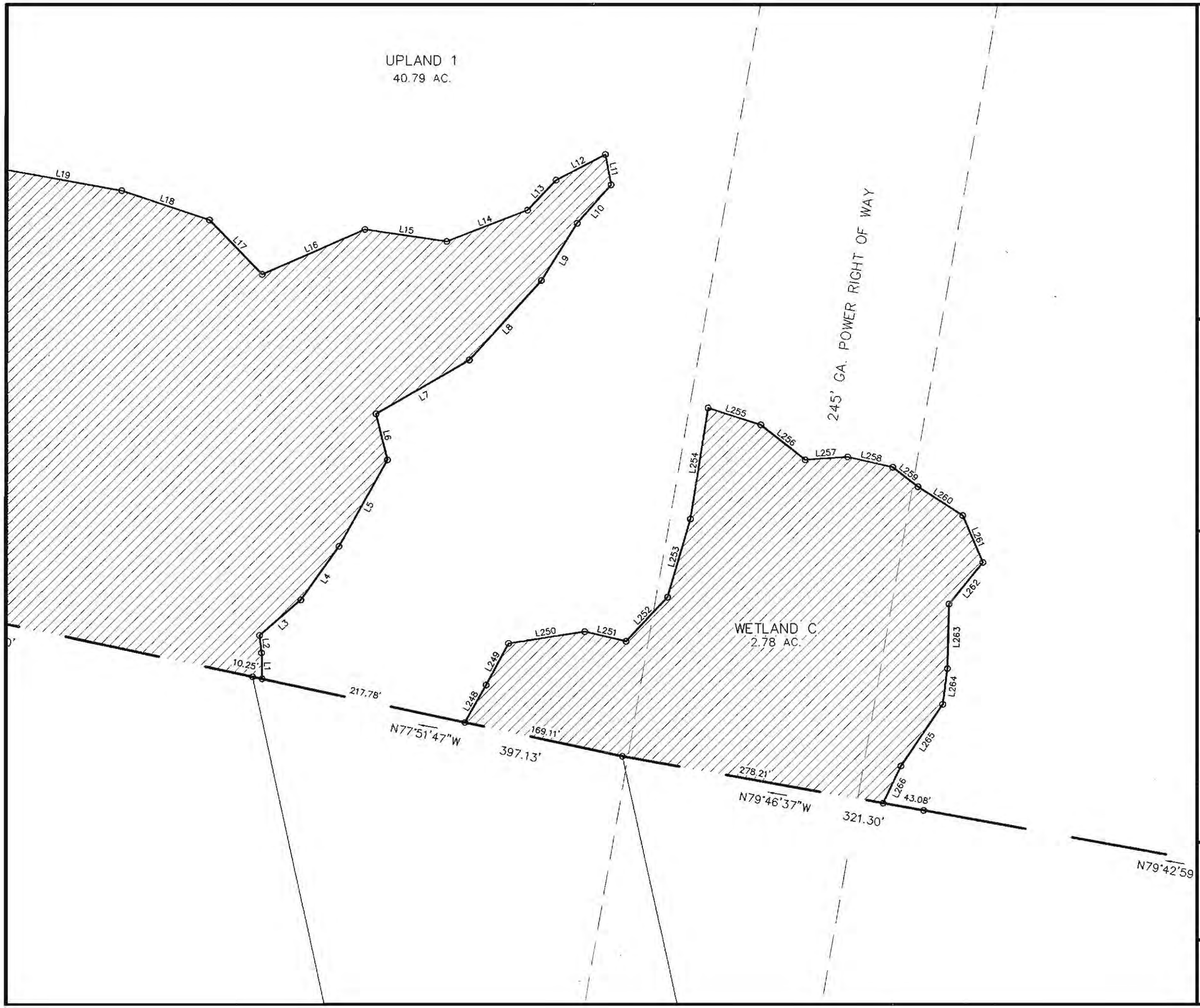
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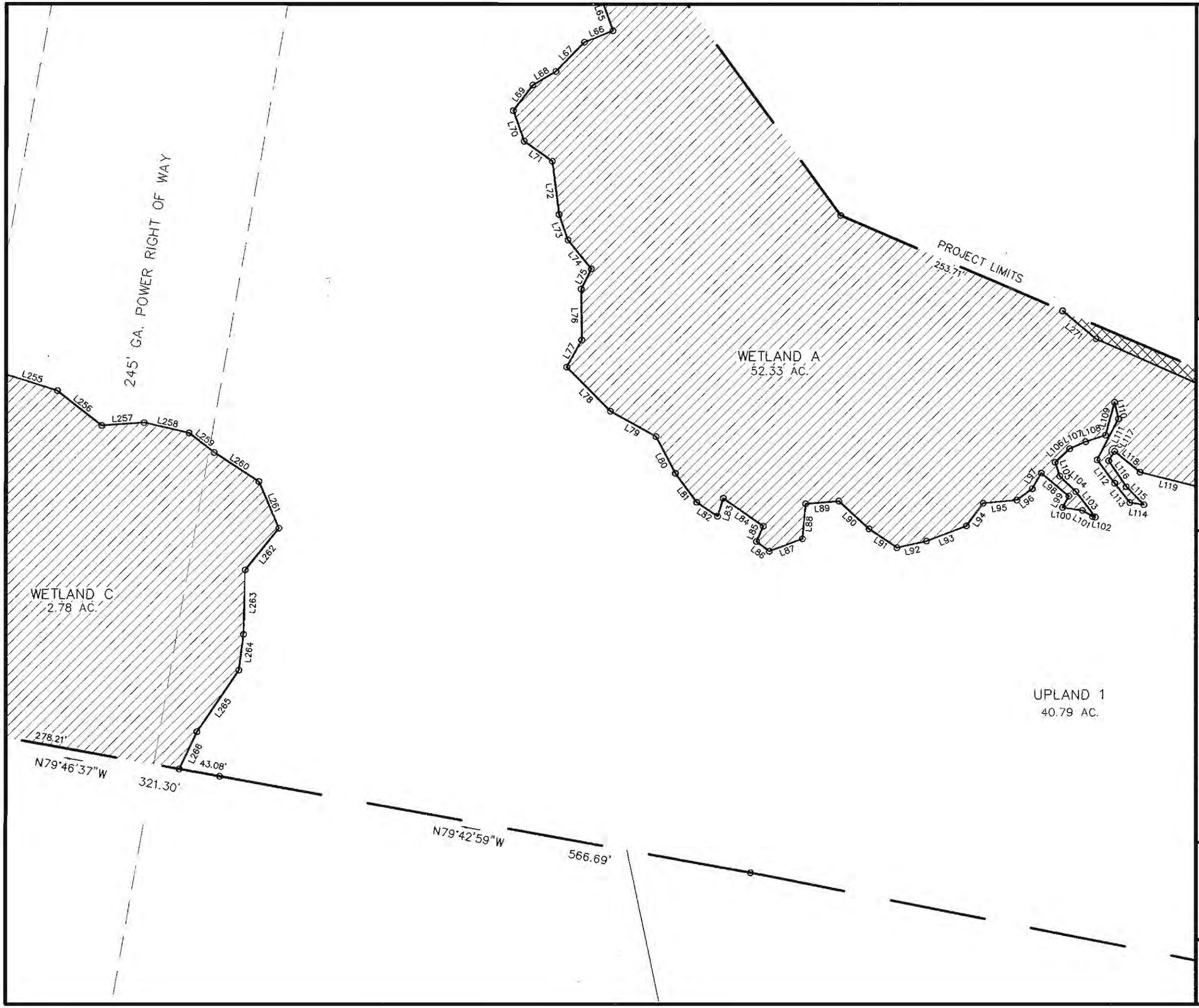
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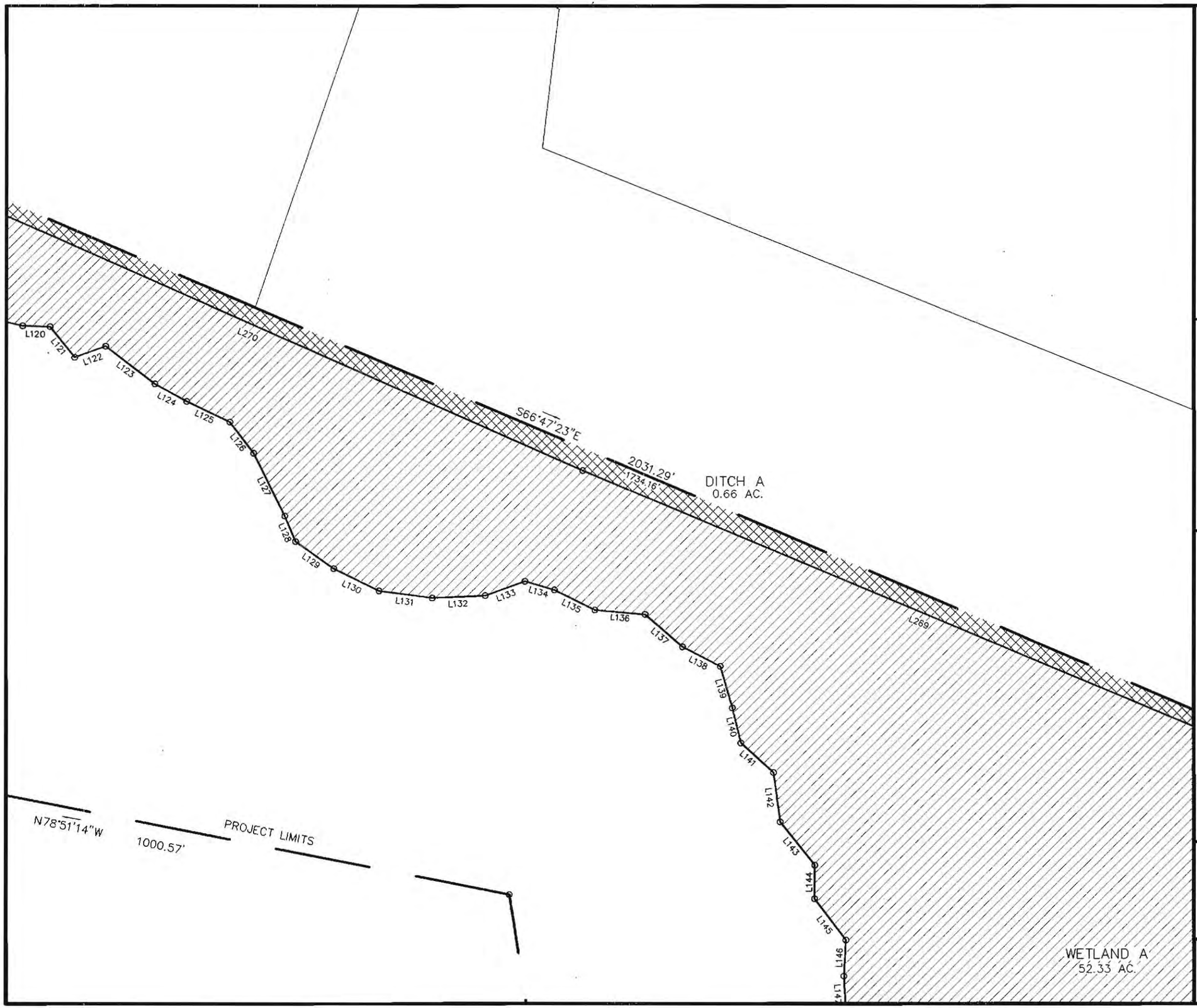
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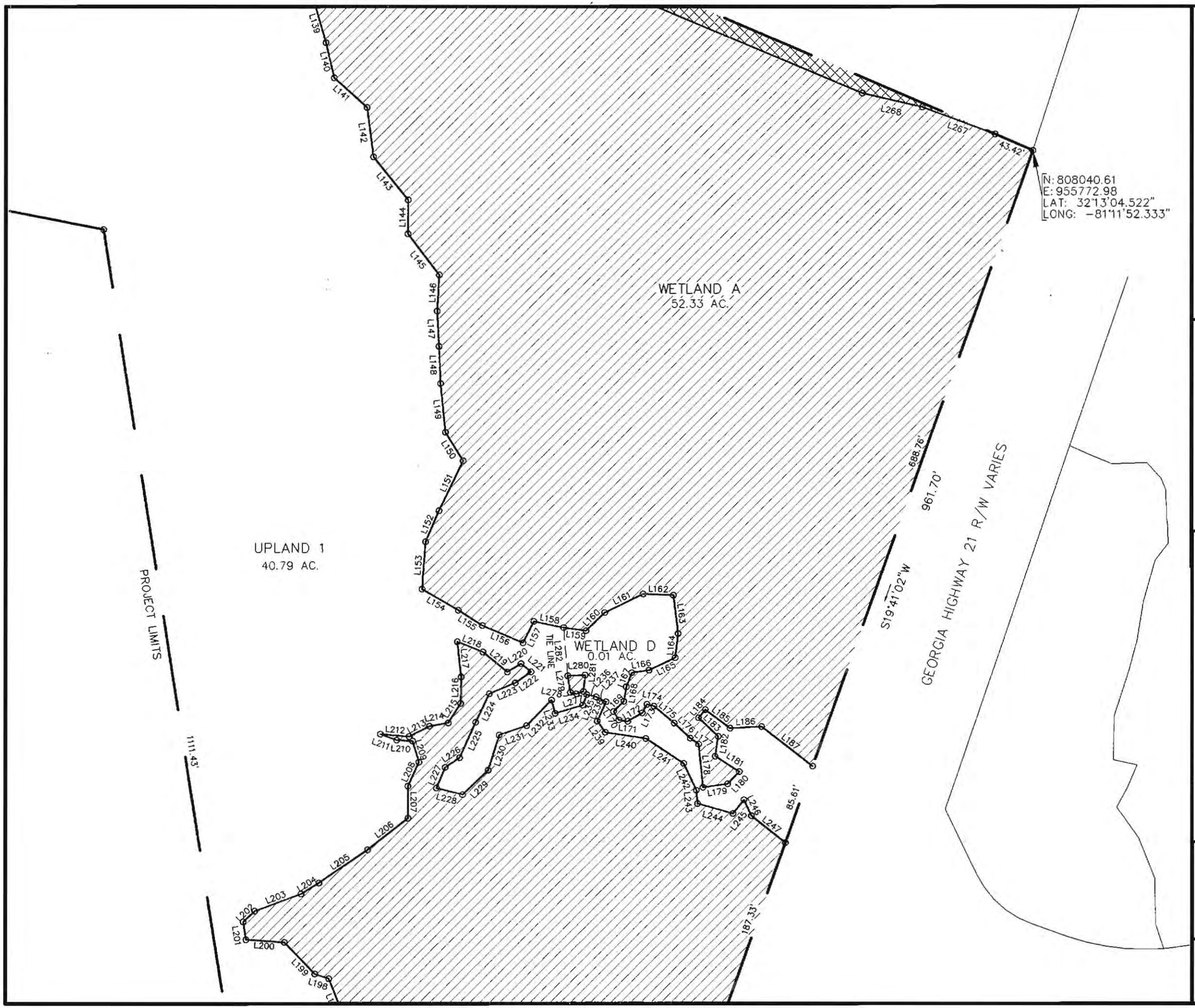
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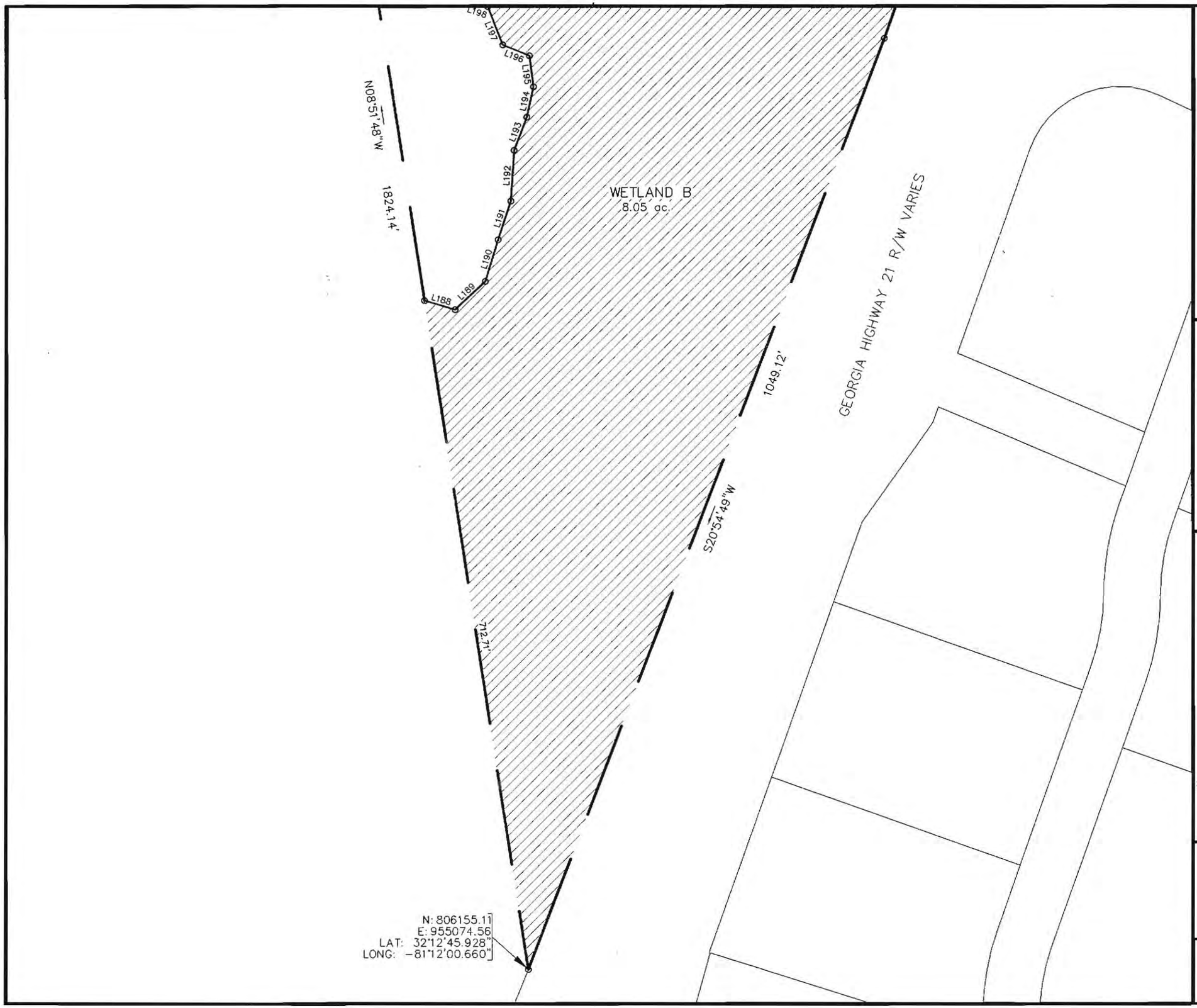
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Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°12'49"W	27.32
L2	N06°30'22"W	18.48
L3	N49°15'46"E	57.17
L4	N35°32'43"E	69.14
L5	N29°12'18"E	104.10
L6	N14°03'32"W	49.81
L7	N60°02'21"E	113.09
L8	N42°12'54"E	112.67
L9	N31°51'03"E	70.76
L10	N41°23'54"E	53.83
L11	N10°36'57"W	32.29
L12	S62°39'05"W	58.30
L13	S43°22'10"W	43.45
L14	S68°54'48"W	91.07
L15	N81°38'34"W	86.81
L16	S66°19'52"W	117.83
L17	N44°03'36"W	79.55
L18	N71°32'08"W	97.28
L19	N79°43'31"W	127.82
L20	N53°01'22"W	93.84
L21	N16°35'57"E	79.40
L22	N04°45'59"E	81.93
L23	N04°42'38"E	60.54
L24	N01°35'18"W	71.32
L25	N12°29'35"E	46.06
L26	S76°53'16"E	73.29
L27	S77°08'35"E	56.67
L28	N47°01'48"E	46.18
L29	N61°15'08"E	78.01
L30	S65°20'30"E	53.06
L31	S75°07'54"E	44.09
L32	N77°05'56"E	41.91
L33	S87°43'36"E	31.28
L34	S58°44'00"E	53.63
L35	S55°53'08"E	45.04
L36	S55°44'30"E	30.97
L37	S72°31'11"E	50.20
L38	S56°49'23"E	52.03
L39	S79°55'09"E	44.60
L40	S70°56'16"E	59.02
L41	N76°21'10"E	38.96
L42	S64°47'31"E	53.21
L43	N75°28'19"E	33.99
L44	S58°15'58"E	47.19
L45	N80°57'53"E	60.17
L46	S89°08'35"E	72.84
L47	N67°32'41"E	26.26
L48	N11°15'32"E	46.75
L49	N04°35'51"E	103.83
L50	N11°55'19"E	108.71
L51	N14°29'57"E	65.93
L52	S76°21'07"E	25.39
L53	S14°48'35"W	80.64
L54	S10°45'46"W	88.75
L55	S06°19'56"E	63.11
L56	S21°46'57"W	31.36
L57	N79°38'04"E	41.63
L58	S56°35'51"E	56.99
L59	S79°54'07"E	51.46
L60	N87°00'50"E	53.59
L61	S64°06'17"E	60.21
L62	S37°37'41"E	59.41
L63	S44°07'27"E	60.02
L64	S62°44'11"E	30.92
L65	S19°43'31"E	41.90
L66	S67°50'52"W	32.43
L67	S44°10'20"W	42.67
L68	S59°28'28"W	28.14
L69	S37°22'33"W	33.68
L70	S19°22'29"E	34.02
L71	S54°47'07"E	36.39
L72	S07°15'02"E	56.36
L73	S19°09'12"E	28.35
L74	S38°54'22"E	39.04
L75	S26°49'07"W	23.68
L76	S00°46'24"E	53.38
L77	S28°45'34"W	32.39
L78	S44°37'53"E	65.21
L79	S60°54'45"E	54.88
L80	S27°45'39"E	43.54
L81	S36°19'09"E	38.02
L82	S56°16'35"E	26.38
L83	N17°29'54"E	19.79
L84	S55°05'50"E	51.13
L85	S24°00'07"W	17.62
L86	S53°08'32"E	16.87
L87	N69°23'35"E	37.15
L88	N05°08'28"E	36.79
L89	N85°17'59"E	35.21
L90	S47°13'26"E	43.05
L91	S56°12'13"E	35.35
L92	N77°25'52"E	31.61
L93	N69°09'30"E	44.81
L94	N36°18'26"E	29.54
L95	N84°35'55"E	35.59
L96	N53°48'24"E	20.38
L97	N29°28'48"E	18.97
L98	S49°59'24"E	37.86
L99	S28°43'24"W	13.61
L100	S81°27'34"E	20.89
L101	S58°54'37"E	12.45
L102	S77°18'57"E	2.94
L103	N36°57'50"W	33.84
L104	N46°10'26"W	23.23
L105	N18°30'25"W	15.39
L106	N47°02'30"E	20.89
L107	N66°12'29"E	18.06
L108	N71°53'41"E	22.05
L109	N15°03'41"E	35.98
L110	S13°20'20"E	18.04
L111	S27°26'03"W	48.44
L112	S36°45'23"E	30.71
L113	S37°41'28"E	25.81
L114	S81°38'46"E	14.89
L115	N44°13'33"W	26.60
L116	N33°51'31"W	32.65
L117	N31°49'10"E	11.55
L118	S50°47'23"E	34.51
L119	S76°03'23"E	62.25
L120	S87°59'47"E	28.46
L121	S38°47'39"E	41.58
L122	N70°11'13"E	34.66
L123	S52°37'23"E	65.34
L124	S61°15'07"E	38.37
L125	S64°11'55"E	50.30
L126	S37°27'21"E	41.22
L127	S26°27'59"E	73.92
L128	S22°51'56"E	29.18
L129	S54°35'23"E	49.34
L130	S63°50'31"E	53.11
L131	S82°26'35"E	56.43
L132	N87°28'16"E	55.94
L133	N70°13'25"E	44.46
L134	S73°38'36"E	32.32
L135	S63°34'14"E	47.30
L136	S84°52'20"E	53.27
L137	S49°05'57"E	51.89
L138	S62°49'12"E	44.73
L139	S16°07'31"E	45.68
L140	S13°29'03"E	38.05
L141	S47°51'47"E	46.36
L142	S07°35'52"E	52.52
L143	S38°52'51"E	58.30
L144	S00°27'44"W	35.47
L145	S37°10'34"E	54.47
L146	S03°09'28"W	37.93
L147	S02°58'17"E	37.36
L148	S02°15'28"E	39.15
L149	S05°52'36"E	51.77
L150	S32°03'47"E	35.38
L151	S25°55'22"W	58.49
L152	S23°23'25"W	35.66
L153	S04°13'14"W	50.05
L154	S59°53'51"E	44.31
L155	S57°41'52"E	30.01
L156	S67°09'36"E	46.70
L157	N26°43'32"E	25.09
L158	S78°15'27"E	32.08
L159	S82°11'30"E	23.68
L160	N46°05'36"E	27.25
L161	N64°09'23"E	45.10
L162	S87°47'03"E	31.84
L163	S07°00'09"E	40.71
L164	S07°01'31"W	25.59
L165	S64°23'39"W	30.42
L166	S81°42'56"W	18.14
L167	S21°56'15"W	15.99
L168	S09°32'14"W	15.64
L169	S45°54'50"W	15.22
L170	S31°16'02"E	10.67
L171	S81°51'39"E	9.57
L172	N59°42'32"E	17.84
L173	N28°23'06"E	10.18
L174	S75°33'09"E	7.54
L175	S49°54'53"E	27.76
L176	S46°56'13"E	23.35
L177	S54°09'38"E	10.71
L178	S05°52'44"E	45.79
L179	N81°50'43"E	26.31
L180	N43°31'12"E	17.66
L181	N57°21'14"W	30.07
L182	N08°22'30"E	21.11
L183	N46°28'52"W	28.41
L184	N39°47'47"E	11.23
L185	S53°07'01"E	32.52
L186	N87°10'50"E	33.18
L187	S52°14'57"E	68.00
L188	S73°43'07"E	33.67
L189	N47°09'52"E	43.41
L190	N17°09'31"E	46.01
L191	N18°12'49"E	42.84
L192	N03°36'21"E	53.43
L193	N20°53'10"E	37.24
L194	N12°18'00"E	32.76
L195	N07°34'35"W	32.86
L196	N67°44'12"W	30.17
L197	N21°31'35"W	43.31
L198	N71°22'03"W	15.66
L199	N44°01'08"W	46.05
L200	N85°58'14"W	40.80
L201	N08°42'35"W	18.95
L202	N47°13'27"E	16.61
L203	N69°44'22"E	52.20
L204	N58°20'31"E	22.13
L205	N55°34'32"E	61.97
L206	N52°12'29"E	53.97
L207	N00°03'17"W	34.06
L208	N24°35'00"E	27.67
L209	N16°47'06"W	23.18
L210	N86°38'55"W	16.73
L211	N69°43'57"W	18.16
L212	S85°08'34"E	30.27
L213	N63°02'27"E	23.98
L214	N79°57'40"E	20.06
L215	N32°45'25"E	24.45
L216	N01°03'35"E	27.83
L217	N06°05'36"W	37.51
L218	S68°05'24"E	29.10
L219	S50°51'59"E	33.41
L220	N58°36'32"E	16.78
L221	S50°50'57"E	13.57
L222	S54°35'58"W	20.19
L223	S67°28'35"W	29.78
L224	S25°41'56"W	33.38
L225	S24°25'34"W	41.12
L226	S56°37'14"W	18.42
L227	S22°43'25"W	23.58
L228	S75°47'14"E	28.55
L229	N46°20'58"E	37.39
L230	N17°30'29"E	38.83
L231	N71°09'39"E	30.45
L232	N44°13'48"E	37.82
L233	S14°59'08"E	14.55
L234	N73°19'42"E	30.21
L235	N20°09'15"E	11.72
L236	S76°48'48"E	10.34
L237	S63°35'11"E	11.65
L238	S24°20'46"W	22.36
L239	S35°18'12"E	14.44
L240	S81°17'51"E	43.37
L241	S56°37'26"E	47.66
L242	S25°09'59"E	31.12
L243	S05°14'59"E	14.34
L244	S74°14'54"E	38.74
L245	N38°34'37"E	18.49
L246	S25°06'02"E	18.58
L247	S51°38'01"E	45.45
L248	N29°45'19"E	45.22
L249	N28°20'52"E	49.91
L250	N81°20'20"E	80.53
L251	S77°04'49"E	44.77
L252	N43°10'34"E	63.32
L253	N16°22'40"E	85.58
L254	N08°58'44"E	118.23
L255	S72°04'19"E	58.10
L256	S51°49'18"E	59.24
L257	N86°09'17"E	44.87
L258	S77°06'10"E	48.52
L259	S52°11'15"E	33.35
L260	S57°00'42"E	55.97
L261	S23°13'42"E	53.46
L262	S38°59'12"W	56.40
L263	S01°25'30"W	67.68
L264	S07°17'19"W	37.83
L265	S34°06'58"W	78.37
L266	S25°24'38"W	43.20
L267	N69°31'49"W	81.69
L268	N76°59'00"W	64.98
L269	N67°15'07"W	783.78
L270	N66°08'31"W	761.19
L271	N50°03'13"W	45.65
L272	N60°50'45"W	88.39
L273	N72°11'28"W	77.72
L274	N75°59'25"W	178.00
L275	N76°20'32"W	702.02
L276	N76°39'01"W	1141.65
L277	S71°38'11"W	7.75
L278	N77°27'53"W	6.45
L279	N08°47'44"W	17.75
L280	N87°26'17"E	18.13
L281	S05°46'20"W	17.39
L282	S04°56'05"E	50.94

GA. SPC. – EAST ZONE
GRID NORTH – NAD 83

GEORGIA REGISTERED No. 3005 PROFESSIONAL LAND SURVEYOR THOMAS G. GAMMON

THOMAS G. GAMMON
GA. REG. LAND SURVEYOR
LICENSE NO. 3005

LEGEND:

PROJECT LIMITS

WETLANDS

DITCH

USACE – U.S. ARMY CORPS OF ENGINEERS

USACE JURISDICTION
LINE SURVEY OF:

105.14 ACRES
KNOWN AS THE ZIMMERMAN TRACT

PORT WENTWORTH
CHATHAM COUNTY, GEORGIA
PREPARED FOR:
GARY WIGGIN

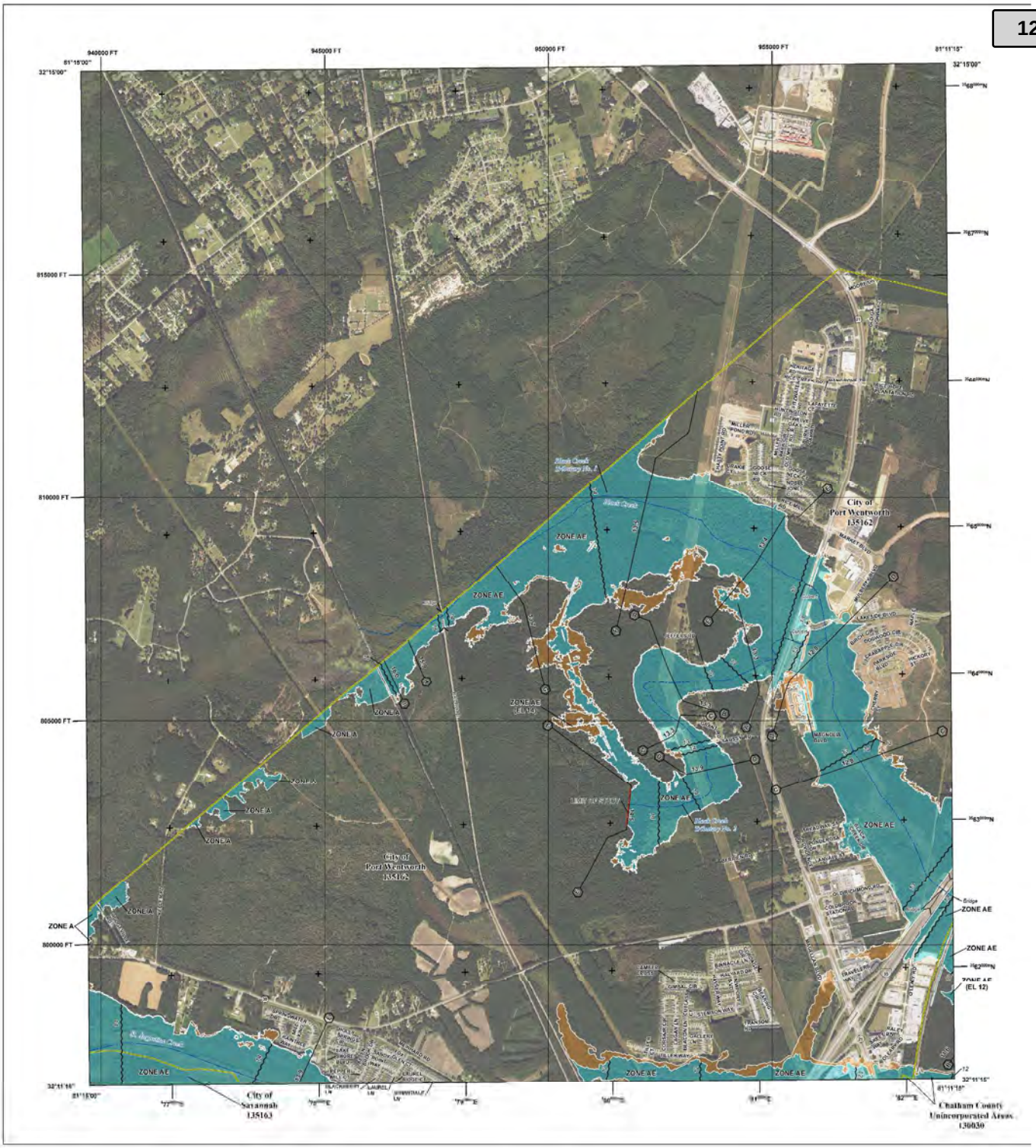
PREPARED BY:
GAMMON SURVEYING & ASSOCIATES, LLC
6 RIVER BLUFF DRIVE
SAVANNAH, GEORGIA. 31406 / (912) 655-4891

100 0 50 100 200

SCALE: 1 INCH = 100 FEET

PLAT DATE 5/23/2019
FILE NUMBER 00515-WET

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTP://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE)
- With BFE or Depth
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2 % Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Flood Risk due to Levee See Notes.

OTHER AREAS
- NO SCREEN: Areas of Minimal Flood Hazard
- Area of Undetermined Flood Hazard

GENERAL STRUCTURES
- Channel, Culvert or Storm Sewer
- Accredited or Provisionally Accredited Levee, Dike, or Floodwall
- Non-accredited Levee, Dike or Floodwall
- 18.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevations (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)

OTHER FEATURES
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was derived from digital orthophotography dated as of 2010. The imagery was flown to 2ft/0.6m and was produced at 1":1000 (approx).

SCALE

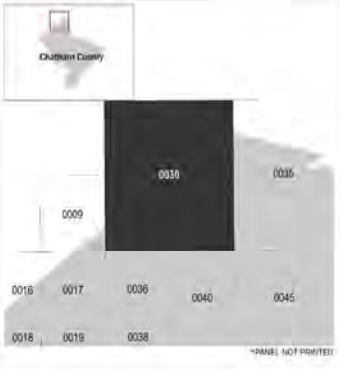
N

1 inch = 1,000 feet 1:12,000

0 1,000 2,000 4,000 Feet

0 250 500 1,000 Meters

PANEL LOCATOR



*PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

CHATHAM COUNTY, GEORGIA and Incorporated Areas

PANEL 030 of 455

COMMUNITY	NUMBER	PANEL	SUFFIX
CHATHAM COUNTY	130030	0030	G
PORT WENTWORTH, CITY OF	135162	0030	G
SAVANNAH, CITY OF	135163	0030	G

VERSION NUMBER 2.3.2.1

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-Traffic Impact Analysis 4.2021 (2433 : Zoning Map Amendment

T. R. Long Engineering, P.C.

114 North Commerce Street
Hinesville, Georgia 31313
(912) 368-5664 Office
(912) 368-7206 FAX

308 Commercial Drive
Savannah, Georgia 31406
(912) 335-1046 Office
(912) 335-1642 FAX

April 22, 2021

Mr. Brian Harvey
City of Port Wentworth
7224 Georgia Highway 21
Port Wentworth, Georgia 31407

Re: Varnedoe-Wiggins Tract
State Route 21
Port Wentworth, Georgia

Dear Mr. Harvey,

T. R. Long Engineering, P.C. has reviewed the "development Impact Assessment, Varnedoe-Wiggins Tract" prepared by Kern & Co., LLC dated April 12, 2021. This submittal includes a Noise Exposure Evaluation by Terracon dated March 21, 2021 and a Traffic Impact Analysis prepared by Kimley-Horn and Associates dated April 2021.

T. R. Long Engineering, P.C. concurs with the findings of the Development Impact Assessment along with the Noise Exposure Evaluation and Traffic Impact Analysis along with the following recommendations:

1. The Noise Exposure Evaluation shows that the sound levels will exceed 55 dB(A) at the property line for three properties. We recommend that a detailed noise evaluation be conducted with the specific development plan for the Varnedoe-Wiggins Tract to further decrease the noise levels for parcels 70975 01012 and 70975 01013 to the required levels. Detailed design should be included in the specific development plan. Parcel 70975 01014 is occupied mostly by the Georgia Power transmission line and may not be developable. Further consideration to this parcel will need to be made.
2. T. R. Long Engineering, P.C. recommends that the recommendations outlined in the Traffic Impact Analysis prepared by Kimley Horn be incorporated into the specific development plan for the Varnedoe-Wiggins Tract. The recommended improvements for the intersection of State Route 21 and Lakeside Boulevard are of particular importance since this intersection may currently meet the warrants for a traffic signal under current conditions.
3. T. R. Long Engineering, P.C. recommends that all improvements recommended in the Traffic Impact Analysis, Noise Exposure Evaluation and appropriate modifications be designed, approved and permitted by the Department of Transportation, The City of Port Wentworth and the State of Georgia prior to the release of any Land Disturbing Activities or Building Permits.

Should you have any questions, comments or need additional information please contact us.

Sincerely,

Trent R. Long, P.E.

Attachment: ZMA VARNEDOE-WIGGINS TRACT HWY 21 RA-PI1 MARCH 2021-DIA TR LONG CONCURENCE LETTER 1 4.22.21 (2433 : Zoning

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2434)

DOC ID: 2434

Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

Issue/Item: Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

Background: This is the Final Plat submittal for Mulberry Phase II in the Rice Hope Subdivision. Mulberry Phase II includes twenty-six (26) single-family lots on approximately 5.181 acres. The lots will be accessed off Weavers Way and will be served by City water and sewer utilities.

Facts and Findings: The construction of this phase complies with the City of Port Wentworth Development Standards, and all requirements of the Subdivision Ordinances have been met.

Funding: N/A

Recommendation: The Planning Commission will hear this application on Monday, May 10, 2021 at 7:00 PM. **/ UPDATE: THE PLANNING COMMISSION VOTED UNANIMOUSLY TO APPROVE THE APPLICATION**

ATTACHMENTS:

- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Application (PDF)
- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Timeline (PDF)
- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Final Plat 5.10.2021 (PDF)
- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Bond Cals 5.7.2021 (PDF)
- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Roads & Drainage Maintenance Bond (PDF)
- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Water & Sewer Maintenance Bond (PDF)
- SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Streetlight Plan(PDF)
- Planning Commission Minutes May 10, 2021 DRAFT (PDF)

210079

RECEIVED
MAR 02 2021
BY: MBO

SUBDIVISION APPLICATION FORM
FOR THE
CITY OF PORT WENTWORTH

Application Form Required

This application form is to accompany **all** subdivisions submitted for Port Wentworth Planning Commission review and is to be filled out in its **entirety**. Plats/subdivisions not accompanied by this application will not be accepted for processing. All subdivisions with their completed applications must be received by the City of Port Wentworth at least 20 business days prior to the Planning Commission meeting at which they are to be considered. Revisions to a subdivision under review by the Port Wentworth Planning Commission must be received 10 business days prior to the Port Wentworth Planning Commission at which each subdivision is scheduled to be heard.

Subdivision Name: Mulberry Subdivision; Phase 2

Location: Rice Hope Road, Port Wentworth, Ga

Number of Lots: 26

Number of Acres: 5.181 ac

PIN #: 70906 04091

Current Zoning: R-A

Type of Subdivision: (Check applicable blanks from each column)

A.
- _____ Sketch Plan
- _____ Master Plan
- _____ Preliminary Plat
- X Final Plat
- _____ Revision to a Recorded Plat

B.
- X Major Subdivision (4 or more lots or a new road)
- _____ Minor Subdivision (3 or less lots & no new road)

Purpose of Subdivision:

- X Single-Family
- _____ Multi-Family
- _____ Retail
- _____ Other Business
- _____ Industrial
- _____ Institutional
- _____ Other
- _____ Sign

Variances: (List all variances being requested)

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Application (2434 : Subdivision Application Mulberry Tract

Georgia DOT Review

In all applications in which property being subdivided lies along a State Highway or access is needed from a State Highway, all applicants are required to submit a plat to the Georgia Department of Transportation for review. The subdivision application will not be considered by the Port Wentworth Planning Commission until the Georgia Department of Transportation has commented on the subdivision. The comments must accompany the application.

Previous Submittal

Has this tract of land being proposed for subdividing been submitted to the Port Wentworth Planning Commission under a different subdivision name?

Yes _____ No X

If yes, what name? _____

Date Submitted: _____ PWPC File No: _____

Number of Required Prints

All submittals, regardless of type, shall include fifteen (15) prints. **Final Plats must include a copy of the plat scanned to a CD along with the fifteen (15) printed copies. Stamp must be in contrasting ink.**

Statements as to Covenants/Deed Restrictions: (Check One)

_____ A copy of all existing deed restrictions or subdivision covenants applicable to this property are attached.

_____ There are no added restrictions or subdivision covenants on this property.

Contact Person (s): (Type or Print Legibly)

Engineer/Surveyor: Neil McKenzie or Joshua Akins / Coleman Company, Inc

Address: 1480 Chatham Parkway Suite 100, Savannah, Ga Zip Code: 31405

Phone #: 912-200-3041 Fax #: _____

Owner: BEP RH Tract 1, LLC

Address: 3071 Slate Mills Road, Sperryville, VA Zip Code: _____

Phone #: _____ Fax #: _____

Date of Submittal: 2/23/2021

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Application (2434 : Subdivision Application Mulberry Tract

Please list all property owners that are adjacent to the parcel to be subdivided including those across the public right-of-way:

Rice Hope Plantation Community - Parcel A - 70906 04091

Ardmore Port Wentworth, LLC - Parcel B - 70906 04092

Certifications

1. I hereby certify that this proposed subdivision/plan does not violate any covenants or deed restrictions currently in effect for the property being subdivided.

2. I hereby certify that all taxes applicable to this property have been paid and that there are no delinquent taxes outstanding.

3. I hereby certify that I am the owner of the property being proposed for subdivision.

4. I hereby certify that all the information pertained in this application is true and correct.

Paul F. Lee

Signature of Owner

Comments: Place any pertinent comments you wish to make in the following space:

Submit this form along with the proposed subdivision and any accompanying information to:

CITY OF PORT WENTWORTH
305 SOUTH COASTAL HIGHWAY
PORT WENTWORTH, GEORGIA 31407

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Application (2434 : Subdivision Application Mulberry Tract

Owner Name	Mailing Address 1	Mailing Address 2	City	State	Zip
Neil McKenzie	1480 Chatham Parkway, Suite 100		Savannah	GA	31405
Clayton Properties Group, LLC	441 Western Lane		Irmo	SC	29063
Ardmore Port Wentworth, LLC	1400 W Northwood St		Greensboro	NC	27408
BEP Rice Hope, LLC	100 Lakeside Blvd		Port Wentworth	GA	31407
Homeowner	10 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	12 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	14 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	15 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	16 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	17 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	18 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	19 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	20 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	21 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	23 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	25 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	34 Wild Silk Way		Port Wentworth	GA	31407
Homeowner	3 Weavers Way		Port Wentworth	GA	31407

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Application (2434 : Subdivision Application Mulberry Tract

CITY OF PORT WENTWORTH

(912) 964-4379

REC#: 00306076 3/12/2021 1:20 PM
OPER: ME TERM: 011
REF#: CK 1673

TRAN: 112.0000 BLDG PERMIT
210079 1,671.00CR
BEP RICE HOPE LLC
7-0906-04-091
I-SUBDIV 1,671.00CR

TENDERED: 1,671.00 CHECK
APPLIED: 1,671.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

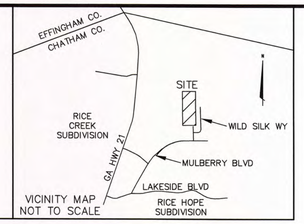
Attachment: SUBDIVISION

Project Timeline

Mulberry Phase II at Rice Hope Final Plat

- 3/2/2021—application received.
- 3/31/2021—application pulled from April Planning Commission meeting agenda due to subdivision construction not being completed.
- 4/26/2021—final plat reviewed by Development Services office
- 4/28/2021—plat review comments sent to Neil McKenzie, Coleman Company Inc.
- 4/28/2021—received revised plat.
- 5/6/2021—Brian sent email out to owners and Neil McKenzie stating that the maintenance bonds for this subdivision will need to be in our office by 12:00 on 5/7/2021 or the item would be pulled from the Planning Commission Agenda.
- 5/6/2021—Received Record drawings and punch list was completed.
- 5/10/2021—Copies of Maintenance bonds received by Email.
- 5/10/2021—Planning Commission voted to approve the application.
- 5/11/2021—3 copies of the Final plat with owner signatures received.
- 5/13/2021—Received street light plan

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Timeline (2434 : Subdivision Application Mulberry Tract



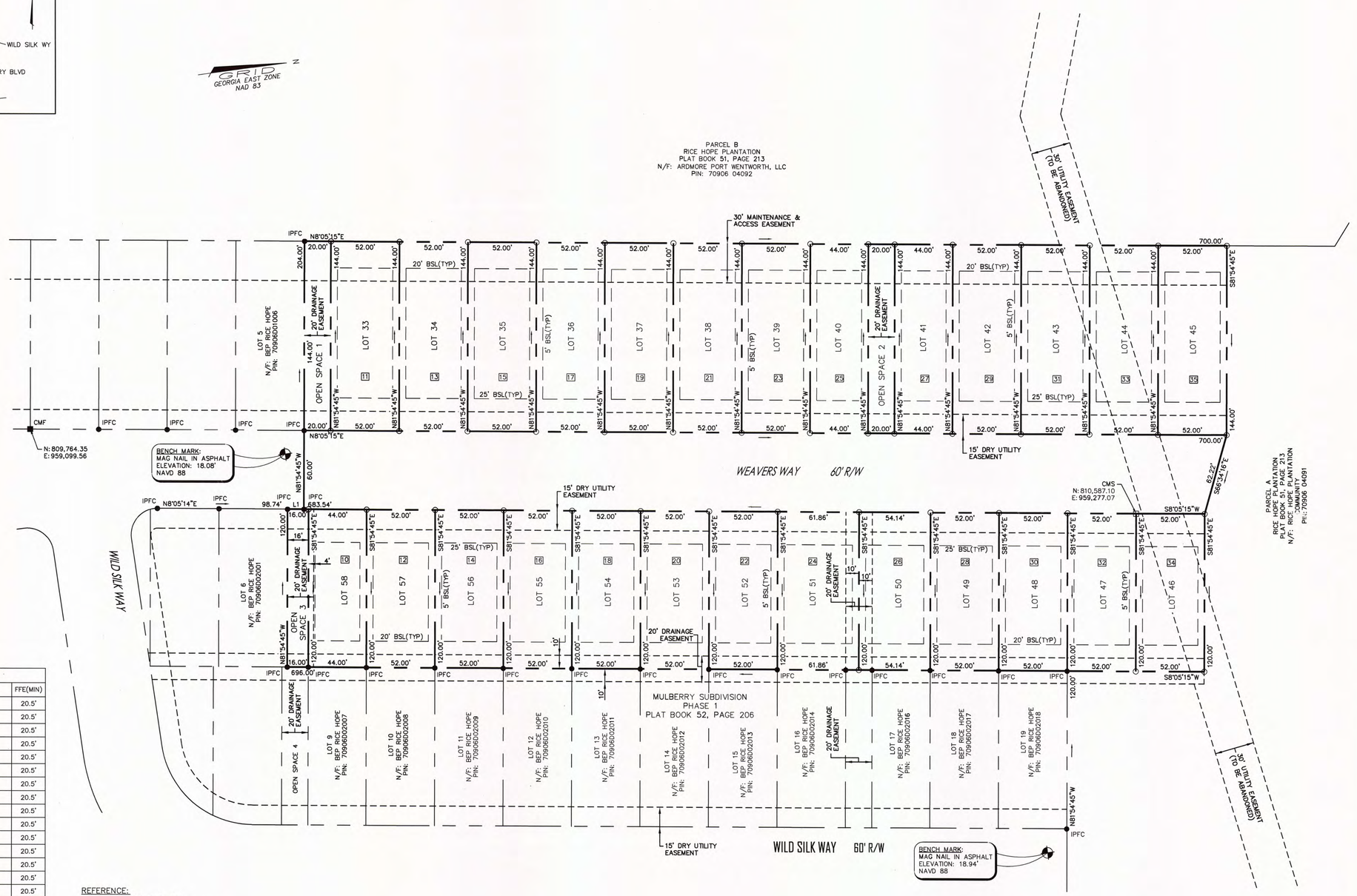
GRID N
GEORGIA EAST ZONE
NAD 83

LEGEND

◆		BENCH MARK
●	IPFC	1" IRON PIPE FOUND WITH CAP (CCI)
○	IPS	1" IRON PIPE SET
□	CMS	CONCRETE MONUMENT SET
■	CMF	CONCRETE MONUMENT FOUND
25		STREET ADDRESS
BSL (TYP)		BUILDING SETBACK LINE TYPICAL

NOTES:
1. THIS SUBDIVISION CONTAINS 26 LOTS.
2. TOTAL AREA: 5.181 AC; 225,826 SF
3. LOTS ARE TO BE SERVED BY CITY OF PORT WENTWORTH WATER AND SANITARY SEWER SYSTEMS.
4. PARENT PROPERTY ADDRESS: RICE HOPE ROAD PORT WENTWORTH, GA 31407
5. PARENT PARCEL IDENTIFICATION NUMBER: 70906 04091.
6. THIS PROPERTY IS CURRENTLY ZONED R-A.
7. THE HORIZONTAL DATUM OF THIS PLAT IS BASED ON GRID NORTH, GEORGIA STATE PLANE, EAST ZONE, NAD 83.
8. AS OF THE DATE OF THIS SURVEY; BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 13051C0030G & 13051C0035G, EFFECTIVE DATE: AUGUST 16, 2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION.
9. ALL BUILDING SETBACKS ARE TO CONFORM TO LOCAL ZONING ORDINANCES.
10. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, COVENANTS, OR RESTRICTIONS EITHER RECORDED OR UNRECORDED.
11. PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY PERMITS, THE BUILDING PERMIT APPLICANTS FOR ALL LOTS SHALL BE REQUIRED TO INSTALL A SIDEWALK ALONG THEIR RESPECTIVE LOTS ON ALL STREETS IN ACCORDANCE WITH THE CITY OF PORT WENTWORTH SUBDIVISION REGULATIONS AND APPROVED CONSTRUCTION PLANS.
12. "ALL STREETS, RIGHTS-OF-WAY, EASEMENTS, AND ANY SITES FOR PUBLIC USE AS NOTED ON THIS PLAT ARE HEREBY DEDICATED TO THE CITY OF PORT WENTWORTH FOR THE USE INTENDED. SUCH DEDICATIONS ARE MORE SPECIFICALLY DESCRIBED IN THE DEED THAT ACCOMPANIES THIS PLAT."

OWNER



LOT TABLE					
LOT #	ACRE	SF	ADDRESS	PARCEL ID #	FFE(MIN)
33	0.172	7,488	11 WEAVERS WAY	07906D01007	20.5'
34	0.172	7,488	13 WEAVERS WAY	07906D01008	20.5'
35	0.172	7,488	15 WEAVERS WAY	07906D01009	20.5'
36	0.172	7,488	17 WEAVERS WAY	07906D01010	20.5'
37	0.172	7,488	19 WEAVERS WAY	07906D01011	20.5'
38	0.172	7,488	21 WEAVERS WAY	07906D01012	20.5'
39	0.172	7,488	23 WEAVERS WAY	07906D01013	20.5'
40	0.145	6,336	25 WEAVERS WAY	07906D01014	20.5'
41	0.145	6,336	27 WEAVERS WAY	07906D01016	20.5'
42	0.172	7,488	29 WEAVERS WAY	07906D01017	20.5'
43	0.172	7,488	31 WEAVERS WAY	07906D01018	20.5'
44	0.172	7,488	33 WEAVERS WAY	07906D01019	20.5'
45	0.172	7,488	35 WEAVERS WAY	07906D01020	20.5'
46	0.143	6,240	34 WEAVERS WAY	07906D02031	20.5'
47	0.143	6,240	32 WEAVERS WAY	07906D02030	20.5'
48	0.143	6,240	30 WEAVERS WAY	07906D02029	20.5'
49	0.143	6,240	28 WEAVERS WAY	07906D02028	20.5'
50	0.149	6,497	26 WEAVERS WAY	07906D02027	20.5'
51	0.170	7,423	24 WEAVERS WAY	07906D02026	20.5'
52	0.143	6,240	22 WEAVERS WAY	07906D02025	20.5'
53	0.143	6,240	20 WEAVERS WAY	07906D02024	20.5'
54	0.143	6,240	18 WEAVERS WAY	07906D02023	20.5'
55	0.143	6,240	16 WEAVERS WAY	07906D02022	20.5'
56	0.143	6,240	14 WEAVERS WAY	07906D02021	20.5'
57	0.143	6,240	12 WEAVERS WAY	07906D02020	20.5'
58	0.121	5,280	10 WEAVERS WAY	07906D02019	20.5'
LOT TOTAL	4.052	176,640			
OPEN SPACE 1	0.066	2,880		07906D01015	
OPEN SPACE 2	0.066	2,880		07906D01015	
OPEN SPACE 3	0.044	1,920		07906D01015	
OPEN SPACE TOTAL	0.176	7,680			
R/W	0.953	41,506			
TOTAL AREA	5.181	225,826			

REFERENCE:
1. PLAT BOOK 52, PAGE 206.
2. SUBDIVISION MAP BOOK 19S, PAGE 17.
3. SUBDIVISION MAP BOOK 20S, PAGE 33.
4. SUBDIVISION MAP BOOK 27S, PAGE 5.
5. SUBDIVISION MAP BOOK 27S, PAGE 11.
6. SUBDIVISION MAP BOOK 40S, PAGE 58.
7. SUBDIVISION MAP BOOK 40S, PAGE 59.
8. SUBDIVISION MAP BOOK 42P, PAGE 61.
9. PLAT RECORD BOOK 4P, PAGE 3.
10. PLAT RECORD BOOK 6P, PAGE 23.
11. PLAT RECORD BOOK 14P, PAGE 39.
12. PLAT RECORD BOOK 14P, PAGE 178.
13. PLAT RECORD BOOK 15P, PAGE 76.
14. PLAT RECORD BOOK 28P, PAGE 55.
15. PLAT RECORD BOOK 29P, PAGES 24A-L.
16. PLAT RECORD BOOK 13, PAGE 270.
17. DEED BOOK 794, PAGE 561.
18. PLAT BOOK 51, PAGE 213.

MINIMUM BUILDING SETBACKS
FRONT SETBACK: 25'
REAR SETBACK: 20'
SIDE SETBACK: 5'

SURVEY DATE: 1/30/2020
EQUIPMENT USED: ELECTRONIC TOTAL STATION
ANGULAR ERROR PER "△" = 03"
ADJUSTED BY LEAST SQUARES:
PLAT ERROR OF CLOSURE: 1/420,678
FIELD ERROR OF CLOSURE: 1/137,870

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	12.46'	N8°05'14"E

MULBERRY SUBDIVISION PHASE 2

THE FOLLOWING GOVERNMENTAL BODIES HAVE APPROVED THIS MAP, PLAT, OR PLAN FOR FILING:

APPROVED BY MAYOR AND COUNCIL, PORT WENTWORTH

MAYOR _____ DATE _____

COUNCILMAN _____ COUNCILMAN _____

COUNCILMAN _____ COUNCILMAN _____

COUNCILMAN _____ COUNCILMAN _____

APPROVED BY THE CHATHAM COUNTY DEPARTMENT OF PUBLIC HEALTH, DIVISION OF ENVIRONMENTAL HEALTH

DIRECTOR _____ DATE 5/10/2021

SURVEYORS CERTIFICATION

AS REQUIRED BY SUBSECTION (D) OF O.C.G.A. SECTION 15-6-67, THIS PLAT HAS BEEN PREPARED BY A LAND SURVEYOR AND APPROVED BY ALL APPLICABLE LOCAL JURISDICTIONS FOR RECORDING AS EVIDENCED BY APPROVAL CERTIFICATES, SIGNATURES, STAMPS, OR STATEMENTS HEREON. SUCH APPROVALS OR AFFIRMATIONS SHOULD BE CONFIRMED WITH THE APPROPRIATE GOVERNMENTAL BODIES BY ANY PURCHASER OR USER OF THIS PLAT AS TO INTENDED USE OF ANY PARCEL. FURTHERMORE, THE UNDERSIGNED LAND SURVEYOR CERTIFIES THAT THIS PLAT COMPLIES WITH THE MINIMUM TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN THE RULES AND REGULATIONS OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN O.C.G.A. SECTION 15-6-67.

GEORGIA REGISTERED No. 3417 LAND SURVEYOR DON EDWARD TAYLOR JR.

4/29/21

DON EDWARD TAYLOR, JR.
GA REG. LAND SURVEYOR NO. 3417
COLEMAN COMPANY, INC.
CERTIFICATE OF AUTHORIZATION; LSF 1167

40' 20' 0' 40'
GRAPHIC SCALE: 1"=40'

COLEMAN COMPANY
ENGINEERS • SURVEYORS
1480 Chatham Parkway, Suite 100
Savannah, Georgia | (912) 200-3041

MULBERRY SUBDIVISION, PHASE 2

A MAJOR SUBDIVISION OF PARCEL A, BEING A MINOR SUBDIVISION OF A PORTION OF TRACT A-2, AND LOT 12, BEING A PORTION OF THE JULIAN R. CHISHOLM TRACT AND A PORTION OF RICE HOPE PLANTATION, 8TH G.M. DISTRICT, CITY OF PORT WENTWORTH, CHATHAM COUNTY, GEORGIA

PREPARED FOR: BALD EAGLE PARTNERS

JOB NUMBER:	19-663
DATE:	2/15/2021
DRAWN BY:	JPA
CHECKED BY:	JBT
SCALE:	1" = 40'

FINAL PLAT

SHEET: 1/1

COLEMAN COMPANY, INC. DATE PLOTTED: 4/29/2021 2:07 PM BY: Josh Akins DRAWING PATH: \\Hub\k2019\19-663.000\DWG\Survey\19-663_2021.2.15_MULBERRY PHASE 2 FINAL PLAT.dwg

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021 (2434 : Subdivision Application Mulberry Tract Phase II FINAL PLAT) 5.10.2021 FINAL PLAT MAY 2021

COLEMAN COMPANY
ENGINEERS • SURVEYORS

May 7, 2021, 2021

City of Port Wentworth
7532 GA Highway 21
Port Wentworth, Georgia, 31407

Attn: Planning and Development Department

Re: Maintenance Bond
Mulberry Tract Phase 2
Port Wentworth, Georgia
CCI Proj. No.: 19-663.000

Enclosed, please find the Warranty Bond Calculations for the above referenced project. The various infrastructure components that comprise the City of Port Wentworth maintained infrastructure were used to determine the Warranty Bond Costs. The City maintained infrastructure consists of the water distribution, sanitary sewer collection, pavement, and stormwater drainage systems. The respective infrastructure components and their unit costs are listed on the attached spreadsheets. Based on the attached information the calculated warranty bond amounts are as follows:

Warranty Bond Calculation:

Total City Maintained Roads and Drainage:	$ 111,025.00
Total City Maintained Water and Sewer:	$129,028.00
25% City Maintained Infrastructure (Roads and Drainage):	**$ 27,756.25**
10% City Maintained Infrastructure (Water and Sewer):	**$ 12,902.80**
100% Sidewalks at Storm Easement:	**$ 1,500.00**

Please review the attached calculations and if you have any questions or comments, please call me at 200-3041.

Regards,

Coleman Company, Inc.

Neil P. McKenzie, P.E.

1480 Chatham Parkway, Suite 100 / Savannah, GA 31405
(Off) 912-200-3041 * (Fax) 912-200-3056

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Bond Cals 5.7.2021 (2434 : Subdivision Application

PSC
Preferred Site Construction

Schedule of Values

Mulberry PH 2

	SCHEDULED VALUE				THIS PERIOD	
	QUANTITY	UNITS	UNIT PRICE	TOTAL	QUANTITY	TOTAL
Erosion Control						
Construction exit	1.00	LS	3,300.00	3,300.00		-
Silt fence type A	2,050.00	LF	2.00	4,100.00		-
Inlet protection	4.00	EA	200.00	800.00	-	-
Erosion eel	2.00	EA	250.00	500.00	-	-
Rip rap overflow	35.00	SY	78.00	2,730.00	-	-
Grassing - temporary with permanent mix	5.00	AC	1,250.00	6,250.00	-	-
Grading						
Rough grade - cut, shift, fill lots from borrow pit	1.00	LS	110,775.00	110,775.00		-
Remove and replace unsuitable material in roadways	1,700.00	CY	20.00	34,000.00		-
Fine grade for paving, subgrade, and final site grade	1.00	LS	16,850.00	16,850.00	-	-
Staking - rough grading, lots, curbing, etc	1.00	LS	10,250.00	10,250.00		-
Testing	1.00	LS	4,000.00	4,000.00		-
Mobilization and supervision	1.00	LS	7,250.00	7,250.00		-
Paving and Concrete Work						
18" rollover curb and gutter	1,360.00	LF	9.90	13,464.00	-	-
4" graded aggregate base - turnarounds	280.00	SY	11.00	3,080.00	-	-
8"graded aggregate base	1,825.00	SY	19.70	35,952.50	-	-
2" asphalt topping	1,825.00	SY	13.15	23,998.75	-	-
Concrete sidewalks	30.00	SY	50.00	1,500.00	-	-
Sanitary Sewer						
Connect to existing manhole (10-12)	1.00	EA	2,650.00	2,650.00		-
8" PVC (10-12)	681.00	LF	23.00	15,663.00		-
SS manhole (10-12)	4.00	EA	2,850.00	11,400.00		-
4" PVC lateral	900.00	LF	12.50	11,250.00		-
Service connections	26.00	EA	125.00	3,250.00		-
Fittings	1.00	LS	1,750.00	1,750.00		-
Stone for Bedding	85.00	TN	52.00	4,420.00		-
Select Fill	700.00	CY	18.00	12,600.00		-
Dewatering	1.00	LS	1,750.00	1,750.00		-
Testing	1.00	LS	2,500.00	2,500.00	-	-
Storm Drainage System						
Connect to existing grate inlet	1.00	EA	1,500.00	1,500.00		-
Connect to existing grate inlet for sock pipe	2.00	EA	650.00	1,300.00		-
18" RCP (0-6)	131.00	LF	40.00	5,240.00		-
24" RCP (0-6)	67.00	LF	50.00	3,350.00		-
36" RCP (0-6)	134.00	LF	85.00	11,390.00		-
Curb inlet (0-6)	2.00	EA	3,550.00	7,100.00		-
Grate inlet	1.00	EA	3,000.00	3,000.00		-
Modify two outfall structures	2.00	EA	1,200.00	2,400.00		-
Dry swale underdrain - sock pipe, stone, sand and fabric	800.00	LF	41.50	33,200.00		-
Temporary inlet protection	5.00	EA	175.00	875.00		-
6" underdrain (50 ft in each direction)	200.00	LF	24.00	4,800.00		-
Georgia power conduit budget	1.00	LS	2,500.00	2,500.00		-
Select Fill	20.00	CY	30.00	600.00		-
Stone For Bedding	40.00	TN	55.00	2,200.00		-

CITY BOND CALCULATION

TOTAL (ROADS) = $76,495.00

TOTAL (SEWER) = $67,233.00

TOTAL (DRAINAGE) = $34,530.00

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Bond Cals 5.7.2021

PSC
Preferred Site Construction

Schedule of Values

Mulberry PH 2

	SCHEDULED VALUE				THIS PERIOD	
	QUANTITY	UNITS	UNIT PRICE	TOTAL	QUANTITY	TOTAL
Testing	1.00	LS	1,500.00	1,500.00	-	-
Water Distribution System						
Connect to existing 10" main	1.00	EA	2,200.00	2,200.00	-	-
10" C-900	670.00	LF	23.50	15,745.00		-
10" DIP crossing	1.00	EA	3,850.00	3,850.00		-
Fire hydrant assembly	2.00	EA	4,400.00	8,800.00		-
10" gate valve in MH	1.00	EA	5,600.00	5,600.00		-
10" temporary blow off	1.00	EA	450.00	450.00		-
1" Service connections	26.00	EA	350.00	9,100.00		-
1" PE tubing	780.00	LF	10.00	7,800.00		-
Fittings	1.00	LS	1,950.00	1,950.00		-
Select fill	225.00	CY	18.00	4,050.00		-
Testing and chlorination	1.00	LS	2,250.00	2,250.00	-	-
TOTAL CONTRACT TO DATE				**488,783.25**		-

TOTAL (WATER) = $61,795.00

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Bond Cals 5.7.2021

MAINTENANCE BOND

Bond No. 0232684

KNOW ALL MEN BY THESE PRESENTS, Preferred Site Construction, LLC, as Principal, and Berkley Insurance Company, 475 Steamboat Road, Greenwich, CT 06830, a corporation organized under the laws of the State of Delaware, and licensed to transact business in the State of Berkley Insurance Company, as Surety, are held and firmly bound unto City of Port Wentworth, as Obligee, in the penal sum of Fifty Thousand and 00/ Dollars ($50,000.00), lawful money of the United States of America, for which payment, well and truly to be made, Principal and Surety bind themselves, their legal representatives, successors, or assigns, jointly and severally, firmly by these presents.

WHEREAS, on Preferred Site Construction, LLC the Principal entered into a written contract with the said Obligee for Mulberry Tract Phase 2 Roads & Drainage, and

WHEREAS, the Obligee requires that these presents be executed on or before the final completion and acceptance of said Contract, and

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal shall remedy, without cost to the Obligee, any defects caused by defective or inferior materials or workmanship, which may develop during a period of 2 year from the date of completion and acceptance of the work performed under the contract, then this obligation shall be void; otherwise it shall be and remain in full force and effect.

Any suit under this bond must be instituted before the expiration of one year from completion of the maintenance period.

No right of action shall accrue on this bond to or for the use of any person or corporation other than the Obligee named herein or the heirs, executors, administrators or successors of the Obligee.

SIGNED, SEALED AND DATED this 7th day of May, 2021 .

Preferred Site Construction, LLC

Matt Hilton

Berkley Insurance Company

By: _____
Christy Lackey, Attorney-in-Fact

Ed 01/14

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Roads & Drainage Maintenance Bond (2434 : Subdivision

No. BI-10341a

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: ***Fred R. Mitchell or Christy Lackey of PointeNorth Insurance Group, LLC of Atlanta, GA*** its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **Fifty Million and 00/100 U.S. Dollars (U.S.$50,000,000.00),** to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 21st day of July, 2020.

Attest:

(Seal)

By _____
Ira S. Lederman
Executive Vice President & Secretary

Berkley Insurance Company

By _____
Jeffrey M. Hafter
Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)
) ss:
COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 21st day of July, 2020, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Executive Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C RUNDBAKEN
NOTARY PUBLIC
CONNECTICUT
MY COMMISSION EXPIRES
APRIL 30, 2024

_____
Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 7th day of May, 2021.

(Seal)

_____
Vincent P. Forte

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Roads & Drainage Maintenance Bond (2434 : Subdivision

MAINTENANCE BOND

Bond No. 0232685

KNOW ALL MEN BY THESE PRESENTS, Preferred Site Construction, LLC, as Principal, and Berkley Insurance Company, 475 Steamboat Road, Greenwich, CT 06830, a corporation organized under the laws of the State of Delaware, and licensed to transact business in the State of Berkley Insurance Company, as Surety, are held and firmly bound unto City of Port Wentworth, as Obligee, in the penal sum of Fifty Thousand and 00/ Dollars ($50,000.00), lawful money of the United States of America, for which payment, well and truly to be made, Principal and Surety bind themselves, their legal representatives, successors, or assigns, jointly and severally, firmly by these presents.

WHEREAS, on Preferred Site Construction, LLC the Principal entered into a written contract with the said Obligee for Mulberry Tract Phase 2 Water & Sewer, and

WHEREAS, the Obligee requires that these presents be executed on or before the final completion and acceptance of said Contract, and

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal shall remedy, without cost to the Obligee, any defects caused by defective or inferior materials or workmanship, which may develop during a period of 1 year from the date of completion and acceptance of the work performed under the contract, then this obligation shall be void; otherwise it shall be and remain in full force and effect.

Any suit under this bond must be instituted before the expiration of one year from completion of the maintenance period.

No right of action shall accrue on this bond to or for the use of any person or corporation other than the Obligee named herein or the heirs, executors, administrators or successors of the Obligee.

SIGNED, SEALED AND DATED this 7th day of May, 2021 .

Preferred Site Construction, LLC

Matt Hilton

Berkley Insurance Company

By: _____

Christy Lackey, Attorney-in-Fact

Ed 01/14

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Water & Sewer Maintenance Bond (2434 : Subdivision

No. BI-10341a

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: ***Fred R. Mitchell or Christy Lackey of PointeNorth Insurance Group, LLC of Atlanta, GA*** its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **Fifty Million and 00/100 U.S. Dollars (U.S.$50,000,000.00),** to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 21st day of July, 2020.

Attest:

(Seal)

By _____
Ira S. Lederman
Executive Vice President & Secretary

Berkley Insurance Company

By _____
Jeffrey M. Hafter
Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)
) ss:
COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 21st day of July, 2020, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Executive Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C RUNDBAKEN
NOTARY PUBLIC
CONNECTICUT
MY COMMISSION EXPIRES
APRIL 30, 2024

_____
Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 7th day of May, 2021.

(Seal)

_____
Vincent P. Forte

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Water & Sewer Maintenance Bond (2434 : Subdivision

Schedule

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	10	ACN/CLB/ARC-080-LED-E-U-33-X-1-X-BK	STREETWORKS POST TOP WITH A TYPE III PRISMATIC REFRACTOR	[6] 4000K LEDS	1	11060.05	0.91	98

Luminaire Locations

		Location						Aim		
No.	Label	X	Y	Z	MH	Orientation	Tilt	X	Y	Z
1	A	959110.90	809711.80	16.00	16.00	87.99	0.00	959110.90	809711.80	0.00
2	A	959185.60	809813.70	16.00	16.00	180.88	0.00	959185.60	809813.70	0.00
3	A	959144.90	809967.10	16.00	16.00	98.13	0.00	959144.90	809967.10	0.00
4	A	959356.90	809786.40	16.00	16.00	356.65	0.00	959356.90	809786.40	0.00
5	A	959448.90	809973.00	16.00	16.00	98.20	0.00	959448.90	809973.00	0.00
6	A	959505.30	810177.60	16.00	16.00	277.20	0.00	959505.30	810177.60	0.00
7	A	959509.10	810396.60	16.00	16.00	98.97	0.00	959509.10	810396.60	0.00
9	A	959204.90	810392.30	16.00	16.00	96.65	0.00	959204.90	810392.30	0.00
10	A	959200.90	810165.60	16.00	16.00	278.29	0.00	959200.90	810165.60	0.00

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	0.5 fc	1.7 fc	0.1 fc	17.0:1	5.0:1
Calc Zone #2	+	0.5 fc	1.7 fc	0.1 fc	17.0:1	5.0:1



RICE HOPE STREET LIGHTING PLAN

Attachment: SUBDIVISION APPLICATION MULBERRY PH II FINAL PLAT MAY 2021-Streetlight Plan

CITY OF PORT WENTWORTH

PLANNING COMMISSION

MAY 10, 2021

Council Meeting Room | **Regular Meeting** | **7:00 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Chairman CJ Neesmith called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Vice-Chairman Rufus Bright led the Prayer and Pledge of Allegiance.

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Present	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Chairman	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Apr 12, 2021 6:30 PM

RESULT:	**ACCEPTED AS AMENDED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

6. ZONING MAP AMENDMENTS (REZONING)

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2434 : Subdivision Application Mulberry Tract Phase II FINAL PLAT)

A. Site Plan Review Application submitted by NGI Acquisitions, LLC., on behalf of Tom Exley for PIN # 7-0907-01-003 (Highway 21) for a General Development Site Plan to allow a Multifamily Apartment Complex (Novare) in a P-RIP (Planned Residential Institutional) Zoning District

Mr. Harvey stated the application was completed. Scott Munson with Thomas & Hutton was present on behalf of the applicant. Mr. Munson gave a overview of the project. Commissioner Nelson asked where the property was located. Mr. Munson responded that the closest properties would be the Pineforest subdivision. Commissioner Morris asked if the density exhibit that was received is acceptable for this type of site plan application. Mr. Harvey responded that the provided plan was acceptable due to this is a general development site plan application. There were no public comments. Commissioner Bright made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

B. Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

The applicant, Chad Zittrouer was present and gave a overview of the project. Commissioner Morris asked if the access to this site was on Hendley Road. Mr. Zittrouer responded yes the access was off Hendley Road and that all the improvements to Hendley Road that was required when at the time of Rezoning of the property would be done in conjunction with this project. Rob Sangdahl, Lineage Logistics, gave a overview of what Lineage is, a cold storage supply chain management company, and how their process works. They will process imported produce from the Ports by taking in the bulk fruit / vegetable, fumigate if needed, repackage and export out to stores for sale. Mr. Sangdahl stated that they estimate around 65 jobs and about 80 truck a day. The overall project is a reduction in size than shown in the concept plan that was presented during the rezoning process. Richard Desmeule, RKB Architects, spoke about the building construction. Commissioner Franklin asked to confirm the location on Hendley Road and how the trucks would come and go from the site. Mr. Sangdahl stated that the trucks will have to go to and from the site via Hendley Road and Highway 21. Mr. Zittrouer stated they would have a turnaround at the entrance for any truck that come down Hendley Road to be able to safely turn around to go back out to Highway 21. The improvements that will be done at the intersection of Highway 21 and Hendley Road include a extension of the existing left turn lane on Highway 21 and a dedicated right turn lane on Hendley Road to Highway 21. Mr. Zittrouer also explained that a traffic analysis had been conducted and a traffic light was warranted according to the study but does not guarantee GDOT would allow a red light at the intersection of Hendley Road and Highway 21. Commissioner Nelson asked about the benefit to the community with only 65 jobs added and if Lineage had reached out to the community. Mr. Zittrouer responded that Lineage has had very little contact with the community but the current owner of the entire industrial park had a meeting with the community several weeks ago and agreed to deed approximately 10 acres to the Church at the end of Monteith Road. Commissioner Morris asked if this the only development that will take place on Hendley Road. Mr. Zittrouer respond no this would not be the only development in the Park. Commissioner Morris asked if the greenery showed on the plan would remain or if it would be removed. Mr. Zittrouer responded that the greenery would remain surrounding the building. Commissioner Rollf asked how many trucks would be allowed on the left turn lane on Highway 21. Mr. Zittrouer answered that the turn lane on highway 21 would exceed the required length by GDOT. Commissioner Nelson asked if the road improvements would be completed during the Lineage project. Mr. Zittrouer responded they would be completed in conjunction with the Lineage project and that the landowners are under contractual agreement to complete the improvements

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2434 : Subdivision Application Mulberry Tract Phase II FINAL PLAT)

and that no certificate of occupancy would be issued until the improvements were done. Chairman Neesmith asked if the fumigation process was chemical or ultraviolet. Mr. Sangdahl responded it was chemical. There were no public comments. Commissioner Morris made a motion to approve. Commissioner Bright seconded the motion to approve. Commissioner's Herrin, Bright, Franklin, Rollf and Morris voted Yes. Commissioner Nelson voted No. The motion passes 5-1.

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris
NAYS:	Nelson

C. Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

The applicant Pete Schoenauer, Tidewater Engineering was present. Mr. Schoenauer gave a overview of the project and offered to answer any questions. Commissioner Rollf asked where the location of this project was. Mr. Schoenauer answered the project was behind Bojangles on Magellan Blvd. Commissioner Morris asked if the entire site would be cleared. Mr. Schoenauer responded that yes the whole site would be cleared, so that the stormwater linear pond that would serve the entire parcel. Commissioner Nelson asked if they had a estimated completion date. Mr. Schoenauer responded that he does not have a date but the owners were ready to start as soon as they had all their approvals. There were no public comments. Commissioner Franklin made a motion to approve the application. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

D. Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

The applicant, Lamar Mercer, Thomas & Hutton, was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. Mercer responded that not in the Lakeside phase. Commissioner Morris asked if the documents in the letter in the packet were under review by the City. Mr. Harvey responded that the close out package was under review by the City. There were no public comments. Commissioner Franklin made a motion to approve. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2434 : Subdivision Application Mulberry Tract Phase II FINAL PLAT)

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

E. Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

The applicant, Neil McKenzie, Coleman Company Inc., was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. McKenzie responded that yes. There were no public comments. Commissioner Rollf made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Wanda Rollf, Planning Commissioner
SECONDER:	Bill Herrin, Rosetta Franklin
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

9. NEW BUSINESS

10. ADJOURNMENT

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

_____
Chairman

The foregoing minutes are true and correct and approved by me on this _____ day of _____, 2021.

_____
Secretary

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2434 : Subdivision Application Mulberry Tract Phase II FINAL PLAT)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2435)

DOC ID: 2435

Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

Issue/Item: Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

Background: This is the Final Plat submittal for Lakeside Phase 1C-2 in the Rice Hope Subdivision. Lakeside Phase 1C-2 includes fifty-eight (58) single-family lots on approximately 11.8 acres. The lots will be accessed off Cold Creek Pass and are served by City water and sewer utilities.

Facts and Findings: The construction of this phase complies with the City of Port Wentworth Development Standards, and all requirements of the Subdivision Ordinances have been met.

Funding: N/A

Recommendation: The Planning Commission will hear this application on Monday, May 10, 2021 at 7:00 PM. **/ UPDATE: THE PLANNING COMMISSION VOTED UNANIMOUSLY TO APPROVE THIS APPLICATION.**

ATTACHMENTS:

- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Application (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Timeline (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Final Plat 5.19.21 (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Closeout letter 5.5.2021 (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- ROW Deed Draft (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Bond Cals (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Water & Sewer Maintenance Bond (PDF)
- SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Roadway & Drainage Maintenance Bond (PDF)
- Planning Commission Minutes May 10, 2021 DRAFT (PDF)

210150

SUBDIVISION APPLICATION FORM
FOR THE
CITY OF PORT WENTWORTH

RECEIVED
APR 12 2021
BY: MBC

Application Form Required

This application form is to accompany **all** subdivisions submitted for Port Wentworth Planning Commission review and is to be filled out in its **entirety**. Plats/subdivisions not accompanied by this application will not be accepted for processing. All subdivisions with their completed applications must be received by the City of Port Wentworth at least 20 business days prior to the Planning Commission meeting at which they are to be considered. Revisions to a subdivision under review by the Port Wentworth Planning Commission must be received 10 business days prior to the Port Wentworth Planning Commission at which each subdivision is scheduled to be heard.

Subdivision Name: Lakeside at Rice Hope Phase 1C-2

Location: Port Wentworth, Georgia

Number of Lots: 58 Number of Acres: 11.8 Acres

PIN #: 7-0906-04-076 Current Zoning: MPO

Type of Subdivision: (Check applicable blanks from each column)

A.
- ____ Sketch Plan
- ____ Master Plan
- ____ Preliminary Plat
- X Final Plat
- ____ Revision to a Recorded Plat

B.
- X Major Subdivision (4 or more lots or a new road)
- ____ Minor Subdivision (3 or less lots & no new road)

Purpose of Subdivision:

- X Single-Family
- ____ Multi-Family
- ____ Retail
- ____ Other Business
- ____ Industrial
- ____ Institutional
- ____ Other
- ____ Sign

Variances: (List all variances being requested)

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Application (2435 : Subdivision Application Lakeside at

Georgia DOT Review

In all applications in which property being subdivided lies along a State Highway or access is needed from a State Highway, all applicants are required to submit a plat to the Georgia Department of Transportation for review. The subdivision application will not be considered by the Port Wentworth Planning Commission until the Georgia Department of Transportation has commented on the subdivision. The comments must accompany the application.

Previous Submittal

Has this tract of land being proposed for subdividing been submitted to the Port Wentworth Planning Commission under a different subdivision name?

Yes _____ No X

If yes, what name? _____

Date Submitted: _____ PWPC File No: _____

Number of Required Prints

All submittals, regardless of type, shall include fifteen (15) prints. **Final Plats must include a copy of the plat scanned to a CD along with the fifteen (15) printed copies. Stamp must be in contrasting ink.**

Statements as to Covenants/Deed Restrictions: (Check One)

_____ A copy of all existing deed restrictions or subdivision covenants applicable to this property are attached.

X There are no added restrictions or subdivision covenants on this property.

Contact Person (s): (Type or Print Legibly)

Engineer/Surveyor: Thomas And Hutton Lamar Mercer, PE

Address: 50 Park of Commerce Way, Savannah, Georgia Zip Code: 31405

Phone #: 912-234-5300 Fax #: 912-234-2950

Owner: BEP Rice Hope, LLC

Address: 3071 Slate Mills Road, Sperryville, Virginia Zip Code: 22740

Phone #: 540-987-3164 Fax #: _____

Date of Submittal: April 7, 2021

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Application (2435 : Subdivision Application Lakeside at

Please list all property owners that are adjacent to the parcel to be subdivided including those across the public right-of-way:

7-0906-04-076 BEP Rice Hope LLC - 100 Lakeside Blvd., Port Wentworth GA 31407
7-0906A-08-002 Rice Hope Plantation Community Association - 14 E. State St., Savannah GA 31401
7-0906A-04-003 BEP Rice Hope LLC - 100 Lakeside Blvd., Port Wentworth GA 31407
7-0906A-04-004 Latoya D. Young - 408 Lakeside Blvd., Port Wentworth GA 31407
7-0906A-04-005 BEP Rice Hope LLC - 100 Lakeside Blvd., Port Wentworth GA 31407
7-0906A-04-006 Susan E. & James N. Gordon - 412 Lakeside Blvd., Port Wentworth GA 31407
7-0906A-04-007 Village Park Homes - 414 Lakeside Blvd., Port Wentworth GA 31407
7-0906A-04-009 Rice Hope Plantation Community Association - 14 E. State St., Savannah GA 31401

1. I hereby certify that this proposed subdivision/plan does not violate any covenants or deed restrictions currently in effect for the property being subdivided.

2. I hereby certify that all taxes applicable to this property have been paid and that there are no delinquent taxes outstanding.

3. I hereby certify that I am the owner of the property being proposed for subdivision.

4. I hereby certify that all the information pertained in this application is true and correct.

Paul F. Lane

Signature of Owner

Comments: Place any pertinent comments you wish to make in the following space:

Submit this form along with the proposed subdivision and any accompanying information to:

CITY OF PORT WENTWORTH
7306 HIGHWAY 21, SUITE 301
PORT WENTWORTH, GEORGIA 31407

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Application (2435 : Subdivision Application Lakeside at

CITY OF PORT WENTWORTH
(912) 964-4379

REC#: 00310649 4/21/2021 2:05 PM
OPER: ME TERM: 011
REF#: CK 1688

TRAN: 112.0000 BLDG PERMIT
210150 3,271.00CR
BEP RICE HOPE LLC
7-0906-04-076
I-SUBDIV 3,271.00CR

TENDERED: 3,271.00 CHECK
APPLIED: 3,271.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Application (2435 : Subdivision Application Lakeside at

Project Timeline

Lakeside Phase 1C-2 at Rice Hope Final Plat

- 4/12/2021—Application Received. (incomplete)
- 4/19/2021—Full submittal documents received.
- 4/21/2021—Submittal review by Development Services office
- 4/27/2021—Plat review comments sent to Keith Strong, Thomas & Hutton
- 5/5/2021—Received revised plat PDF and ROW deeds from Lamar Mercer, T&H, emailed Lamar that I needed 15 half size copies of the plat by the end of the day on 5/6/21.
- 5/5/2021—Brian sent copy of ROW Deed to City Attorney, Jimmy Coursey, by email for approval.
- 5/6/2021—Brian sent email out to owners and Lamar Mercer stating that the maintenance bonds for this subdivision will need to be in our office by 12:00 on 5/7/2021 or the item would be pulled from the Planning Commission Agenda.
- 5/6/2021 (4:15 PM)—Received 15 copies of preliminary plat, record drawings, & close out package
- 5/7/2021—received PDF of the “Final Plat”, still waiting on 15 copies for the PC packets.
- 5/7/2021—received 15 copies of the “Final Plat” draft and ROW deed.
- 5/8/2021—received copies of the Maintenance Bonds by email
- 5/10/2021—Brian sent email to Scott DeCain, BEP, stating the Maintenance Bond for the Roadwork and drainage needs to be for 24 months to comply with the City requirements. Scott DeCain replied by email stating he would correct ASAP.
- 5/10/2021—Planning Commission voted to approve the application.
- 5/12/2021—Received updated closeout letter from Keith Strong, Thomas & Hutton.
- 5/12/2021—sent email to Lamar Mercer, T&H, that I needed 3 full size copies of the final plat signed by the owner and surveyor in my office by Monday, May 17th, 2021.
- 5/12/2021—Received corrected maintenance bonds.
- 5/13/2021—received 3 copies of plat signed by the Owner.
- 5/19/2021—received revised final plat.

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Timeline (2435 : Subdivision Application Lakeside at Rice

THIS SPACE RESERVED FOR THE CLERK OF SUPERIOR COURT

GRID NORTH – NAD83 GA SPCS EAST ZONE

CERTIFICATE OF DEDICATION

ALL STREETS, RIGHTS-OF-WAY, EASEMENTS AND ANY SITES FOR PUBLIC USE AS NOTED ON THIS PLAT ARE HEREBY DEDICATED TO THE CITY OF PORT WENTWORTH FOR THE USE INTENDED. SUCH DEDICATIONS ARE MORE SPECIFICALLY DESCRIBED IN THE DEED THAT ACCOMPANIES THIS PLAT.

OWNER
BEP RICE HOPE, LLC

DATE

APPROVED BY THE MAYOR AND COUNCIL, CITY OF PORT WENTWORTH

MAYOR — DATE

COUNCIL MEMBER — DATE

COUNCIL MEMBER — DATE

COUNCIL MEMBER — DATE

COUNCIL MEMBER — DATE

COUNCIL MEMBER — DATE

COUNCIL MEMBER — DATE

SYMBOL LEGEND

- BENCHMARK
- BOUNDARY POINT
- CONC. MONUMENT SET
- IRON PIPE SET
- IRON PIPE FOUND
- BSL BUILDING SETBACK LINE
- #107 STREET ADDRESS
- JURISDICTIONAL WETLAND
- WETLAND BUFFER

UTILITY NOTES:

1. UTILITY EASEMENTS DEPICTED HEREON REPRESENT, TO THE GREATEST EXTENT PERMITTED BY LAW, PRIVATE EASEMENTS FOR THE EXCLUSIVE USE AND BENEFIT OF THOSE UTILITY COMPANIES AND/OR OTHER PROVIDERS OF SERVICES TO THE DEVELOPMENT AS MAY BE DESIGNATED BY OWNER, OR ITS SUCCESSORS AND ASSIGNS, FROM TIME TO TIME BY AN INSTRUMENT IN WRITING, AND IN NO WAY GRANT, CONVEY OR CREATE ANY GENERAL PUBLIC UTILITY EASEMENT OR ANY GENERAL OR PUBLIC ACCESS RIGHTS.
2. UNLESS OTHERWISE DESIGNATED BY OWNER, OR ITS SUCCESSORS AND ASSIGNS, FROM TIME TO TIME BY AN INSTRUMENT IN WRITING, STORM DRAIN EASEMENTS DEPICTED HEREON REPRESENT PRIVATE EASEMENTS TO ACCESS THE STORM DRAINS FOR THE SOLE PURPOSE OF MAINTAINING AND REPAIRING SUCH STORM DRAINS, AND IN NO WAY GRANT, CONVEY OR CREATE ANY GENERAL PUBLIC UTILITY EASEMENT OR ANY GENERAL OR PUBLIC ACCESS RIGHTS.

NOTES:

1. FIELD EQUIPMENT USED FOR THIS SURVEY: GEOMAX ZOOM 90 ROBOTIC TOTAL STATION.
2. THE FIELD DATA UPON WHICH THIS MAP OR PLAT IS BASED HAS A CLOSURE RATIO OF 1 FOOT IN 37,340 FEET OR BETTER, AN ANGULAR ERROR OF 7" PER ANGLE POINT, AND WAS ADJUSTED USING THE COMPASS RULE METHOD.
3. ALL CORNERS MARKED WITH 3/4" IRON PIPE, 24" LONG WITH CAP STAMPED "TH" UNLESS OTHERWISE NOTED ONCE THEIR PERMANENCY CAN BE ASSURED.
4. THIS MAP OR PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN ONE FOOT IN 169,000 FEET.
5. ELEVATIONS SHOWN ON THIS PLAT ARE BASED ON NAVD88, UNLESS OTHERWISE NOTED.
6. BEARINGS AND COORDINATES SHOWN ON THIS SURVEY ARE BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM (NAD83), EAST ZONE.
7. ACCORDING TO F.I.R.M. MAP NO. 13051C0035G, REVISED AUGUST 16, 2018, IT IS MY OPINION THAT THE PROPERTY SHOWN ON THIS PLAT LIES WITHIN ZONE X.
8. THE TAX PROPERTY IDENTIFICATION NUMBER (PIN) FOR THE PROPERTY PLATTED HEREON (PARENT TRACT) IS 70906 04093.
9. WETLAND AREAS SHOWN ON THIS PLAT ARE UNDER THE JURISDICTION OF THE U.S. ARMY CORPS OF ENGINEERS AND/OR THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. LOT OWNERS AND THE DEVELOPER ARE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE PROTECTED AREAS WITHOUT PROPER PERMIT APPLICATIONS AND APPROVAL. WETLANDS ON THIS PROPERTY ARE ALSO SUBJECT TO THAT CERTAIN DECLARATION OF COVENANTS AND RESTRICTIONS DATED OCTOBER 7, 2004 AND RECORDED IN DEED BOOK 277I, PAGE 138, CHATHAM COUNTY, GEORGIA RECORDS.
10. UNDERGROUND UTILITIES NOT SHOWN MAY BE ENCOUNTERED. THE UTILITY PROTECTION CENTER SHOULD BE CONTACTED PRIOR TO BEGINNING ANY CONSTRUCTION.
11. THIS PLAT CONTAINS 58 LOTS.
12. ALL LOTS HAVE A 5 FOOT SIDE SETBACK LINE UNLESS OTHERWISE NOTED.
13. ALL LOTS HAVE A 10 FOOT REAR SETBACK LINE UNLESS OTHERWISE NOTED.
14. ALL LOTS HAVE A 10 FOOT UTILITY EASEMENT ALONG THE FRONT OF THE LOT.
15. THE LOTS ON THIS PLAT WILL BE SERVED BY CITY OF PORT WENTWORTH WATER AND SEWER SYSTEM.
16. THIS SUBDIVISION IS SUBJECT TO THOSE COVENANTS, CONDITIONS & RESTRICTIONS AS CONTAINED IN THAT CERTAIN DECLARATION OF COVENANTS, CONDITIONS & RESTRICTIONS FOR RICE HOPE DATED JULY 12, 2004, RECORDED IN DEED BOOK 272W, PAGE 434, AFORESAID RECORDS.
17. PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY PERMITS, THE BUILDING PERMIT APPLICANTS FOR ALL LOTS SHALL BE REQUIRED TO INSTALL A SIDEWALK ALONG THEIR RESPECTIVE LOTS ON ALL STREETS IN ACCORDANCE WITH THE CITY OF PORT WENTWORTH SUBDIVISION REGULATIONS AND APPROVED CONSTRUCTION PLANS.
18. THE DEVELOPER SHALL INSTALL SIDEWALKS ON THE PORTIONS OF ALL STREETS ABUTTING ALL PROPERTY OTHER THAN PLATTED SINGLE FAMILY LOTS IN ACCORDANCE WITH THE CITY OF PORT WENTWORTH SUBDIVISION REGULATIONS AND APPROVED CONSTRUCTION PLANS.
19. NO HOMES WILL BE SOLD TO HOMEOWNERS PRIOR TO COMPLETION AND APPROVAL OF INFRASTRUCTURE BY THE CITY OF PORT WENTWORTH.
20. ALL PRIVATE DRAINAGE EASEMENTS TO MAINTAINED BY THE LAKESIDE HOME OWNERS ASSOCIATION.

REFERENCES:

1. BK 51, PAGE 759
2. DB 1696, PAGE 660
3. SMB 34S, PAGES 89A-89E
4. DB 1696, PAGE 663
5. SMB 39S, PAGE 52A


LAKESIDE BOULEVARD (R/W VARIES)
ALLEY 5 (18' R/W)
COLD CREEK LOOP (50' R/W)
COLD CREEK PASS (50' R/W)
FLAT ROCK TRACE (50' R/W)
ALLEY 26
ALLEY 31
MOONLIGHT TRAIL (50' R/W)
BENCHMARK
BENCHTIE IN 13" PINE
EL: 16.16 (NAVD88)
LAKESIDE PHASE 1A-1
RICE HOPE PLANTATION
SMB 34S PAGE 89A
LAKESIDE PHASE 1C-1
RICE HOPE PLANTATION
N/F BEP RICE HOPE, LLC
BOOK 52 PAGE 370
COMMON AREA
N/F RICE HOPE PLANTATION
COMMUNITY ASSOCIATION INC.
HOA ACCESS AND
MAINTENANCE EASEMENT
15' HOA ACCESS AND
MAINTENANCE EASEMENT
N/F BEP RICEHOPE, LLC
DB 389X PAGE 778
CORNER FALLS
IN 13" PINE
N: 806,736.97
E: 960,091.01
N: 806,719.83
E: 960,131.64
N: 806,279.98
E: 959,925.55
N: 806,097.71
E: 959,724.76
N: 806,132.03
E: 959,986.24
N: 806,193.23
E: 960,251.82
N: 806,134.57
E: 960,367.97
BENCHMARK
"X" SCRIBED IN CURB
EL: 18.78 (NAVD88)
BENCHMARK
"X" SCRIBED IN CURB
EL: 21.09 (NAVD88)
BENCHMARK
BENCHTIE IN 17" PINE
EL: 15.60 (NAVD88)
"X" IN MANHOLE
N/F BEP RICEHOPE, LLC
DB 389X PAGE 778
N/F WILLIE & GLADYS C. DANIELS
N/F DONALD T. & JANET K. CAINES
N/F VILLAGE PARK HOMES, LLC
N/F LATOYA DEON YOUNG
N/F VILLAGE PARK HOMES, LLC
N/F SUSAN E. & JAMES N. GORDON
N/F KEVIN D. & DIANE R. QUIGLEY
N/F BEP RICHOPE, LLC
DB 389X PAGE 778
N/F CHASADY NIXON
N/F JOEY R. SPRING
N/F AMH DEVELOPMENT, LLC
N/F ERNESIA D. WRIGHT
N/F VILLAGE PARK HOMES, LLC
N/F AMH DEVELOPMENT, LLC
N/F AMH DEVELOPMENT, LLC
N/F AMH DEVELOPMENT, LLC
N/F OLIVA J. ANDREW
N/F KURT J. KUSTER
LAKESIDE PHASE 1B-1
RICE HOPE PLANTATION
SMB 39S PAGE 52A
LAKESIDE PHASE 1B-1
RICE HOPE PLANTATION
SMB 39S PAGE 52A
10' UTILITY EASEMENT AND
BUILDING SETBACK LINE
UTILITY EASEMENT(TYP)
10' UTILITY EASEMENT(TYP)
20' PRIVATE
DRAINAGE EASEMENT
30' UTILITY EASEMENT
20' DRAINAGE EASEMENT
34' DRAINAGE EASEMENT
30' DRAINAGE
EASEMENT
DRAINAGE
EASEMENT
COMMON AREA
END 20' PRIVATE
DRAINAGE EASEMENT
BEGIN 20' PRIVATE
DRAINAGE EASEMENT
END UTILITY
EASEMENT
38' ACCESS & UTILITY EASEMENT
10' UTILITY
EASEMENT
15' UTILITY
EASEMENT
STORM DRAINAGE
EASEMENT
CORNER FALLS
IN GI
20' BSL
10' BSL
15' BSL
30' BSL
407
408
409
410
367
368
369
370
371
372
373
374
375
376
377
378 8,116 SF 0.186 AC. #265
379 6,493 SF 0.149 AC. #263
380 6,598 SF 0.151 AC. #261
381 10,155 SF 0.233 AC. #259
382 13,253 SF 0.304 AC. #257
383 11,414 SF 0.262 AC. #255
384 8,152 SF 0.187 AC. #253
385 6,889 SF 0.158 AC. #251
386 6,548 SF 0.150 AC. #249
387 6,605 SF 0.152 AC. #247
388 6,795 SF 0.156 AC. #245
389 7,560 SF 0.174 AC. #243
390 8,247 SF 0.189 AC. #241
391 10,423 SF 0.239 AC. #239
392 13,231 SF 0.304 AC.
393 12,351 SF 0.284 AC. #235
394 8,258 SF 0.190 AC. #233
395 6,274 SF 0.144 AC. #231
396 6,129 SF 0.141 AC. #229
397 6,148 SF 0.141 AC. #227
398 5,830 SF 0.134 AC. #225
399 5,830 SF 0.134 AC. #223
400 5,830 SF 0.134 AC. #221
401 5,830 SF 0.134 AC. #219
402 5,830 SF 0.134 AC. #217
403 5,830 SF 0.134 AC. #215
404 5,339 SF 0.191 AC. #213
405 11,018 SF 0.253 AC. #211
406
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411 4,880 SF 0.112 AC. #500
412 4,320 SF 0.099 AC. #498
413 5,400 SF 0.124 AC. #496
414 5,400 SF 0.124 AC. #494
415 6,124 SF 0.141 AC. #492
416 417 7,800 SF 0.179 AC. #268
418 7,963 SF 0.183 AC.
419 6,638 SF 0.152 AC. #264
420 IN GI 6,360 SF 0.146 AC. #262
421 6,701 SF 0.154 AC. #260
422 9,150 SF 0.210 AC. #124
423 7,067 SF 0.162 AC. #122
424 7,410 SF 0.170 AC. #120
425 6,960 SF 0.160 AC. #118
426 6,960 SF 0.160 AC. #116
427 428 429 430 431
432 5,830 SF 0.134 AC. #115
433 5,830 SF 0.134 AC. #117
434 6,097 SF 0.140 AC. #119
435 5,964 SF 0.137 AC. #121
436 7,044 SF 0.162 AC.
437 6,570 SF 0.151 AC.
438 6,557 SF 0.151 AC.
439 5,900 SF 0.135 AC. #228
440 6,107 SF 0.140 AC. #226
441 5,830 SF 0.134 AC. #224
442 5,830 SF 0.134 AC. #222
443 5,830 SF 0.134 AC. #220
444 5,830 SF 0.134 AC. #218
445 5,830 SF 0.134 AC. #216
446 7,187 SF 0.165 AC.
447 448 449
LAKESIDE PHASE 1C-1
RICE HOPE PLANTATION
N/F BEP RICE HOPE, LLC
BOOK 52 PAGE 370
COMMON
AREA
5,872 SF
0.135 AC.
N 81°20'06" E 108.00'
S 81°20'06" W 110.00'
S 87°18'22" W 98.59'
N 82°59'31" W 103.61'
S 86°32'08" W 193.00'
N 89°53'23" W 154.93'
S 89°53'23" E
N 86°32'08" E
N 03°27'52" W 96.79'
S 03°27'52" E 10.50'
N 03°27'52" W 10.50'
S 03°27'52" E 98.79'
N 03°27'52" W 98.79'
S 03°27'52" E 108.58'
N 03°27'52" W 108.58'
N 14°45'43" E 144.32'
N 14°45'43" E 144.72'
S 70°38'55" W 228.22'
N 77°38'57" W 121.24'
S 88°03'01" W 125.26'
N 00°06'37" E
S 00°06'37" E
N 00°56'49" E 95.44'
S 00°56'49" E 95.44'
N 89°53'23" W 159.11'
N 89°53'23" W 73.22'
N 79°14'36" W
S 89°53'23" E
S 86°32'08" W 120.00'
N 86°32'08" E 120.00'
S 83°11'05" W 120.23'
N 85°01'26" E 122.07'
N 86°13'46" E 122.00'
N 86°32'08" E 122.00'
S 86°32'08" W 120.00'
N 86°32'08" E 120.00'
N 81°40'41" E 55.84'
S 63°55'22" W 115.28'
S 84°47'36" W 110.12'
S 85°29'48" E 109.96'
S 85°15'31" W 111.26'
S 86°32'08" W 116.14'
S 86°32'08" W 119.70'
N 81°40'41" E 55.84'
S 81°40'41" W 55.84'
N 81°20'06" E 120.00'
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N 81°20'06" E 122.00'
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N 81°20'06" E 110.00'
S 81°20'06" W 110.00'
N 81°20'06" E 108.00'
S 81°20'06" W 108

THOMAS & HUTTON
50 PARK OF COMMERCE WAY
SAVANNAH, GA 31405 | 912.234.5300
WWW.THOMASANDHUTTON.COM

May 5, 2021

Mr. Brian Harvey, CBO, CFM
Director of Development Services
City of Port Wentworth, Georgia
7306 Highway 21, Suite 301
Pt. Wentworth, GA 31407

Re: Lakeside at Rice Hope Phase 1C-2
58 Lot Subdivision, Pt. Wentworth, GA
J-24526.0007

Dear Brian:

The water and wastewater systems and the paving, grading and storm drainage system for 58 lots at Lakeside Phase 1C2 at Rice Hope have been completed. Thomas & Hutton provided observation services at times appropriate to stages of construction. To the best of our knowledge, information and belief, installation of the water, sewer and storm drainage systems have been installed in general accordance with the approved plans and specifications. Based on periodic geotechnical and construction observations by Whitaker Laboratories, the roadway was installed in general conformance of the plans and specifications with the exception of one core indicating thin asphalt. Written reports and proof rolls are included for your reference.

The water system consists of approximately 1,959 linear feet of 8-inch diameter water main, approximately 256 liner feet of 10-inch diameter water main, approximately 105 liner feet of 12-inch diameter water main, three (3) fire hydrants, nine (9) gate valves in manholes and appurtenances. The wastewater system consists of approximately 1,313 linear feet of 8-inch diameter gravity sewer, nine (9) manholes, and appurtenances. The storm drainage system consists of approximately 90 linear feet of 15-inch diameter HDPE pipe, approximately 114 linear feet of 18-inch diameter HDPE pipe, approximately 284 linear feet of 18-inch diameter RCP, approximately 148 linear feet of 24-inch diameter RCP, approximately 543 linear feet of 30-inch diameter RCP, approximately 410 linear feet of 36-inch diameter RCP, seven (7) grate inlets, nine (9) curb inlets, one (1) storm manhole, 1,740 LF of roadway and a detention basin.

Please find the following enclosed items:

1. Water Pressure Testing Results
2. Bacteriological Water Sample Results
3. Sanitary Sewer Testing Results
4. Roadway Test Results

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Closeout letter 5.5.2021 (2435 : Subdivision Application

5. Roadway Proof Roll Test Results
6. Utilities and Roadway Maintenance Bond Determinations
7. Pond Certification Letter
8. Storm Water Maintenance Agreement
9. Final Plat Application and Copy of Check
10. ROW Deed
11. Georgia Power Underground Easement
12. Georgia Power Street Lighting Plan
13. Final Plat
14. Record Drawings

It is our understanding the Utilities and Roadway Maintenance Bond for Phase 1C will be extended and the Final Plat Application Check has already been received by your office. We would appreciate placing this project on the City of Pt. Wentworth's City Council Meeting agenda for May for acceptance of this project. If you need any additional information or have any questions or concerns, please contact Keith Strong at (912) 667-9793 at your earliest convenience.

Sincerely,

THOMAS & HUTTON

Joseph L. Mercer, P.E.

JLM/krs
Enclosures

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Closeout letter 5.5.2021 (2435 : Subdivision Application

[ABOVE SPACE RESERVED FOR RECORDING INFORMATION]

After recording return to:
Zeigler & Walker, PC
636 Stephenson Ave, Suite A
Savannah GA 31405

RIGHT OF WAY DEED
Lakeside Phase 1C-2 Rice Hope Plantation

STATE OF GEORGIA
CITY OF PORT WENTWORTH
COUNTY OF CHATHAM

THIS INDENTURE, made and executed this _____ day of _____, 2021, between BEP RICE HOPE, LLC, as party or parties of the first part (hereinafter called "Grantor") and THE CITY OF PORT WENTWORTH, as party or parties of the second part (hereinafter called "Grantee") (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of one and No/100 ($1.00) Dollar and other valuable consideration in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, by these presents does hereby remise, convey and forever QUITCLAIM unto the said Grantee:

The following road right-of-ways: “Cold Creek Loop” (60’ R/W) (portion) and “Cold Creek Pass” (50’ R/W) (portion), lying and being in the 8th G.M.D., Port Wentworth, Chatham County, Georgia and being more particularly described on that certain Major Subdivision Plat titled “LAKESIDE PHASE 1C-2 RICE HOPE PLANTATION, 8TH G.M.D., CITY OF PORT WENTWORTH, CHATHAM COUNTY, GEORGIA,” dated January 20, 2021, and recorded _____, 2021, in Book _____, Page _____, incorporated herein and made a part hereof by reference.

Property Identification Number: 7-0906-04-093 (portion)

TO HAVE AND TO HOLD the said described premises, together with all and singular the rights, members, hereditaments, improvements, easements and appurtenances thereunto belonging or in anywise appertaining unto the Grantee, its successors and assigns, so that neither Grantor nor any person or persons claiming under Grantor shall at any time, by any means or ways, have, claim or demand any right or title to said premises or appurtenances, or any rights thereof.

IN WITNESS WHEREOF, Grantor has signed and sealed this Deed, the day and year first above written above.

Signed, sealed and delivered
in the presence of:

_____
Witness

_____
Notary Public

Commission Expires:

[NOTARIAL SEAL]

BEP RICE HOPE, LLC

By: _____ [Seal]
M. Scott Decain
Authorized Signatory

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- ROW Deed Draft (2435 : Subdivision Application Lakeside at Rice Hope Phase 1C-2 Final Plat)

Project: **Rice Hope Lakeside 1C**
83 Lot Subdivision
PORT WENTWORTH, GEORGIA
THOMAS & HUTTON
Utilites Maintenance Bond Determination

JOB NO.: J-24526.0007
DATE: 8/5/2019
REVISED: 1/3/2020
BY: KRS

Item	Description	Quantity	Units	Unit Price	Total
Waste Water System					
1	Connect to Exist Sewer Main with 4" Laterals	4	EA	$ 3,170.00	$ 12,680.0
2	Connect to Exist Sewer Stubout with MH	1	EA	$ 1,760.00	$ 1,760.0
3	Connect to Exist SSMH via Core Drill	1	EA	$ 2,200.00	$ 2,200.0
4	8" PVC Sewer (0-6')	535	LF	$ 19.00	$ 10,165.0
5	8" PVC Sewer (8-10')	437	LF	$ 20.00	$ 8,740.0
6	8" PVC Sewer (10-12')	593	LF	$ 21.00	$ 12,453.0
7	8" PVC Sewer (12-14')	434	LF	$ 31.00	$ 13,454.0
8	8" PVC Sewer (14-16')	823	LF	$ 49.00	$ 40,327.0
9	Standard Manhole (6-8')	3	EA	$ 2,800.00	$ 8,400.0
10	Standard Manhole (8-10')	4	EA	$ 3,365.00	$ 13,460.0
11	Standard Manhole (10-12')	3	EA	$ 3,850.00	$ 11,550.0
12	Standard Manhole (12-14')	1	EA	$ 4,360.00	$ 4,360.0
13	Drop Manhole (12-14')	1	EA	$ 5,450.00	$ 5,450.0
14	Standard Manhole (14-16')	1	EA	$ 4,880.00	$ 4,880.0
15	8"x4" Service Connections	79	EA	$ 140.00	$ 11,060.0
16	4" PVC Sewer Lateral	3352	LF	$ 10.00	$ 33,520.0
17	Fittings	1	LS	$ 10,000.00	$ 10,000.0
18	Connect to Exist 12" Force Main with Sleeve	4	EA	$ 2,515.00	$ 10,060.0
19	12" PVC Force Main Pipe	980	LF	$ 38.00	$ 37,240.0
20	Force Main Fittings	1	LS	$ 16,570.00	$ 16,570.0
				Subtotal	**$ 268,329.0**
Water System					
1	Connect to Exist 10" with Sleeve	1	EA	$ 1,615.00	$ 1,615.0
2	Connect to Exist 12" with Sleeve	1	EA	$ 1,675.00	$ 1,675.0
3	8" PVC Water Main	3,046	LF	$ 17.00	$ 51,782.0
4	10" PVC Water Main	270	LF	$ 28.00	$ 7,560.0
5	12" PVC Water Main	101	EA	$ 40.00	$ 4,040.0
6	8" Gate Valve in MH	9	EA	$ 3,850.00	$ 34,650.0
7	10" Gate Valve in MH	2	EA	$ 6,130.00	$ 12,260.0
8	12" Gate Valve in MH	1	EA	$ 6,640.00	$ 6,640.0
9	Fire Hydrant Assembly	5	EA	$ 3,995.00	$ 19,975.0
10	8"x1" Service Connection	80	EA	$ 325.00	$ 26,000.0

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Bond Cals (2435 : Subdivision Application Lakeside at

Project: **Rice Hope Lakeside 1C**
83 Lot Subdivision
PORT WENTWORTH, GEORGIA
THOMAS & HUTTON
Utilites Maintenance Bond Determination

JOB NO.: J-24526.0007
DATE: 8/5/2019
REVISED: 1/3/2020
BY: KRS

Item	Description	Quantity	Units	Unit Price	Total
11	10'x1" Service Connection	3	EA	$ 330.00	$ 990.00
12	1" PE Tubing Lateral	2,125	LF	$ 6.00	$ 12,750.00
13	8" DIP Storm/Sewer Crossings	1	EA	$ 3,335.00	$ 3,335.00
14	Fittiings	1	LS	$ 17,800.00	$ 17,800.00
				Subtotal	**$ 201,072.00**
				TOTAL WATER & SEWER	**$ 469,401.00**
				10% Maintenance Bond Amount	**$ 46,940.10**
				Required Minimum Bond Amount Per City Ordiance	**$ 50,000.00**

Notes:

Since the Engineer has no control over the cost of labor, materials, equipment, over the contractor's methods of determining prices, or over competitive bidding or market conditions, the Opinions of Probable Construction Costs provided for herein are made on the basis of the contract schedule of values.

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Bond Cals (2435 : Subdivision Application Lakeside at

Project: **Rice Hope Lakeside 1C**
83 Lot Subdivision
PORT WENTWORTH, GEORGIA
THOMAS & HUTTON

JOB NO.: J-24526.0007
DATE: 8/5/2019
REVISED: 1/3/2020
BY: KRS

Roadway and Drainage Maintenance Bond Determination

Item	Description	Quantity	Units	Unit Price	Total
Roadway Base Course & Paving and Concrete					
1	18" Rollover Curb and Gutter	5972	LF	$ 9.90	$ 59,122.80
2	8" Graded Aggregate Base Course	7295	SY	$ 18.50	$ 134,957.50
3	2" Asphalt Wear Suface	7295	SY	$ 12.00	$ 87,540.00
4	Striping (Paint Only)	1	LS	$ 1,500.00	$ 1,500.00
5	Common Area Sidewalks	350	SY	$ 42.00	$ 14,700.00
6	Handicap Ramps	6	EA	$ 750.00	$ 4,500.00
7	Street Signs (Not Decorative)	1	LS	$ 1,950.00	$ 1,950.00
				Subtotal	**$ 304,270.30**
Storm Drainage System					
1	Connect to Exist RCP Stubout with Structure	2	EA	$ 1,115.00	$ 2,230.00
2	Connect 6" Subgrade Drain to Exist Structure	2	EA	$ 950.00	$ 1,900.00
3	15" HDPE (6-8')	207	LF	$ 23.00	$ 4,761.00
4	18" HDPE (6'-8')	114	LF	$ 23.00	$ 2,622.00
5	18" RCP (0-6')	154	LF	$ 34.00	$ 5,236.00
6	18" RCP (6-8')	422	LF	$ 35.00	$ 14,770.00
7	18" RCP (8-10')	240	LF	$ 37.00	$ 8,880.00
8	18" RCP (10-12')	211	LF	$ 38.00	$ 8,018.00
9	18" RCP (12-14')	91	LF	$ 48.00	$ 4,368.0
10	24" RCP (6-8')	148	LF	$ 48.00	$ 7,104.0
11	30" RCP (6-8')	544	LF	$ 63.00	$ 34,272.0
12	30" RCP (10-12')	171	LF	$ 66.00	$ 11,286.0
13	36" RCP (6-8')	278	LF	$ 79.00	$ 21,962.0
14	36" RCP (10-12')	513	LF	$ 82.00	$ 42,066.0
15	36" RCP (12-14')	110	LF	$ 92.00	$ 10,120.0
16	36" RCP (14-16')	95	LF	$ 95.00	$ 9,025.0
17	42" RCP (12-14')	103	LF	$ 115.00	$ 11,845.0
18	Grate Inlet (0-6')	3	EA	$ 3,150.00	$ 9,450.0
19	Grate Inlet (6-8') Large	4	EA	$ 3,625.00	$ 14,500.0
20	Grate inlet (8-10')	2	EA	$ 3,540.00	$ 7,080.0
21	Grate Inlet (8-10') Large	1	EA	$ 3,850.00	$ 3,850.0
22	Storm Mnhole (8-10')	1	EA	$ 4,625.00	$ 4,625.0

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Bond Cals (2435 : Subdivision Application Lakeside at

Project: **Rice Hope Lakeside 1C**
83 Lot Subdivision
PORT WENTWORTH, GEORGIA
THOMAS & HUTTON

JOB NO.: J-24526.0007
DATE: 8/5/2019
REVISED: 1/3/2020
BY: KRS

Roadway and Drainage Maintenance Bond Determination

Item	Description	Quantity	Units	Unit Price	Total
23	Storm Manhole (10-12') Large	1	EA	$ 4,790.00	$ 4,790.00
24	Storm Manhole (12-14') Large	3	EA	$ 5,310.00	$ 15,930.00
25	Storm Manhole (14-16') Large	1	EA	$ 5,785.00	$ 5,785.00
26	Curb Inlet Type B (6-8')	6	EA	$ 3,475.00	$ 20,850.00
27	Curb Inlet Type C (6-8')	2	EA	$ 4,085.00	$ 8,170.00
28	Curb Inlet Type C (6-8') Large	1	EA	$ 4,225.00	$ 4,225.00
29	Curb Inlet Type C (8-10') Large	2	EA	$ 4,280.00	$ 8,560.00
30	Curb Inlet Type C (8-10') Large	2	EA	$ 4,420.00	$ 8,840.00
31	Curb Inlet Type C (10-12')	1	EA	$ 4,475.00	$ 4,475.00
32	Curb Inlet Type C (10-12') Large	1	EA	$ 4,615.00	$ 4,615.00
33	6" Underdrain In Sand	1,600	LF	$ 11.65	$ 18,640.00
				Subtotal	**$ 344,850.00**
				TOTAL ROADS & DRAINAGE	**$ 649,120.30**
				25% Maintenance Bond Amount	**$ 162,280.08**

Notes:

Since the Engineer has no control over the cost of labor, materials, equipment, over the contractor's methods of determining prices, or over competitive bidding or market conditions, the Opinions of Probable Construction Costs provided for herein are made on the basis of the contract schedule of values.

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Bond Cals (2435 : Subdivision Application Lakeside at

CONTINUATION CERTIFICATE

In consideration of premium charged of **$563.00**, **The Guarantee Company of North America USA** hereby continues in force **Bond #60183113** briefly described as **Rice Hope Lakeside 1C, Job #J-24526.0007, 83 Lot Sub. Utilities Maintenance** in favor of **City of Port Wentworth** for **Preferred Site Construction**, as Principal in the sum of **$50,000.00**, for the term beginning **5/7/21** and ending **5/7/2022**, subject to all the covenants and conditions of the original bond referenced above.

This certificate is design to extend only the term of the bond. It does not increase the amount which may be payable thereunder. The aggregate liability of the Company under this said bond together with this certificate shall be exactly the same as, and no greater than it would have been, if the said bond had originally been written to expire on the date to which it is now being extended.

Dated this **7th** day of **May**, **2021**

The Guarantee Company of North America USA

Carolyn F. Smith

Carolyn F. Smith, Attorney-In-Fact

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Water & Sewer Maintenance Bond (2435 : Subdivision

THE GUARANTEE®

The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

NOW ALL BY THESE PRESENTS: That **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Frederick Mitchell, Christy Lackey, Carolyn F. Smith
PointeNorth Insurance Group, LLC

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon **THE GUARANTEE COMPANY OF NORTH AMERICA USA** as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of **THE GUARANTEE COMPANY OF NORTH AMERICA USA** at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below.
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only: it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner – Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, **THE GUARANTEE COMPANY OF NORTH AMERICA USA** has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 1st day of March, 2018.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, President & Chief Operating Officer

Randall Musselman, Secretary

STATE OF MICHIGAN
County of Oakland

On this 1st day of March, 2018 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.

Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 27, 2024
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

Cynthia A. Takai

I, Randall Musselman, Secretary of **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, which is still in full force and effect.

IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 7th day of May 2021

Randall Musselman, Secretary

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Water & Sewer Maintenance Bond (2435 : Subdivision

CONTINUATION CERTIFICATE

In consideration of premium charged of **$1,826.00**, **The Guarantee Company of North America USA** hereby continues in force **Bond #60183112** briefly described as **Rice Hope Lakeside 1C, Job #J-24526.0007, 83 Lot Sub. Roadway & Drainage Maintenance** in favor of **City of Port Wentworth** for **Preferred Site Construction**, as Principal in the sum of **$162,280.00**, for the term beginning **5/7/21** and ending **5/7/2023**, subject to all the covenants and conditions of the original bond referenced above.

This certificate is design to extend only the term of the bond. It does not increase the amount which may be payable thereunder. The aggregate liability of the Company under this said bond together with this certificate shall be exactly the same as, and no greater than it would have been, if the said bond had originally been written to expire on the date to which it is now being extended.

Dated this 7th day of **May**, **2021**

The Guarantee Company of North America USA

Carolyn F. Smith, Attorney-In-Fact

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Roadway & Drainage Maintenance Bond (2435 :

THE GUARANTEE®

The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

NOW ALL BY THESE PRESENTS: That **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Frederick Mitchell, Christy Lackey, Carolyn F. Smith
PointeNorth Insurance Group, LLC

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon **THE GUARANTEE COMPANY OF NORTH AMERICA USA** as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of **THE GUARANTEE COMPANY OF NORTH AMERICA USA** at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner – Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, **THE GUARANTEE COMPANY OF NORTH AMERICA USA** has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 1st day of March, 2018.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, President & Chief Operating Officer — **Randall Musselman, Secretary**

STATE OF MICHIGAN
County of Oakland

On this 1st day of March, 2018 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.

Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 27, 2024
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

Cynthia A. Takai

I, Randall Musselman, Secretary of **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, which is still in full force and effect.

IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 7th day of May 2021

Randall Musselman, Secretary

Attachment: SUBDIVISION APPLICATION LAKESIDE PH 1C-2 FINAL PLAT MAY 2021- Roadway & Drainage Maintenance Bond (2435 :

CITY OF PORT WENTWORTH

PLANNING COMMISSION

MAY 10, 2021

Council Meeting Room | **Regular Meeting** | **7:00 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Chairman CJ Neesmith called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Vice-Chairman Rufus Bright led the Prayer and Pledge of Allegiance.

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Present	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Chairman	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Apr 12, 2021 6:30 PM

RESULT:	**ACCEPTED AS AMENDED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

6. ZONING MAP AMENDMENTS (REZONING)

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2435 : Subdivision Application Lakeside at Rice Hope Phase 1C-2 Final Plat)

A. Site Plan Review Application submitted by NGI Acquisitions, LLC., on behalf of Tom Exley for PIN # 7-0907-01-003 (Highway 21) for a General Development Site Plan to allow a Multifamily Apartment Complex (Novare) in a P-RIP (Planned Residential Institutional) Zoning District

Mr. Harvey stated the application was completed. Scott Munson with Thomas & Hutton was present on behalf of the applicant. Mr. Munson gave a overview of the project. Commissioner Nelson asked where the property was located. Mr. Munson responded that the closest properties would be the Pineforest subdivision. Commissioner Morris asked if the density exhibit that was received is acceptable for this type of site plan application. Mr. Harvey responded that the provided plan was acceptable due to this is a general development site plan application. There were no public comments. Commissioner Bright made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

B. Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

The applicant, Chad Zittrouer was present and gave a overview of the project. Commissioner Morris asked if the access to this site was on Hendley Road. Mr. Zittrouer responded yes the access was off Hendley Road and that all the improvements to Hendley Road that was required when at the time of Rezoning of the property would be done in conjunction with this project. Rob Sangdahl, Lineage Logistics, gave a overview of what Lineage is, a cold storage supply chain management company, and how their process works. They will process imported produce from the Ports by taking in the bulk fruit / vegetable, fumigate if needed, repackage and export out to stores for sale. Mr. Sangdahl stated that they estimate around 65 jobs and about 80 truck a day. The overall project is a reduction in size than shown in the concept plan that was presented during the rezoning process. Richard Desmeule, RKB Architects, spoke about the building construction. Commissioner Franklin asked to confirm the location on Hendley Road and how the trucks would come and go from the site. Mr. Sangdahl stated that the trucks will have to go to and from the site via Hendley Road and Highway 21. Mr. Zittrouer stated they would have a turnaround at the entrance for any truck that come down Hendley Road to be able to safely turn around to go back out to Highway 21. The improvements that will be done at the intersection of Highway 21 and Hendley Road include a extension of the existing left turn lane on Highway 21 and a dedicated right turn lane on Hendley Road to Highway 21. Mr. Zittrouer also explained that a traffic analysis had been conducted and a traffic light was warranted according to the study but does not guarantee GDOT would allow a red light at the intersection of Hendley Road and Highway 21. Commissioner Nelson asked about the benefit to the community with only 65 jobs added and if Lineage had reached out to the community. Mr. Zittrouer responded that Lineage has had very little contact with the community but the current owner of the entire industrial park had a meeting with the community several weeks ago and agreed to deed approximately 10 acres to the Church at the end of Monteith Road. Commissioner Morris asked if this the only development that will take place on Hendley Road. Mr. Zittrouer respond no this would not be the only development in the Park. Commissioner Morris asked if the greenery showed on the plan would remain or if it would be removed. Mr. Zittrouer responded that the greenery would remain surrounding the building. Commissioner Rollf asked how many trucks would be allowed on the left turn lane on Highway 21. Mr. Zittrouer answered that the turn lane on highway 21 would exceed the required length by GDOT. Commissioner Nelson asked if the road improvements would be completed during the Lineage project. Mr. Zittrouer responded they would be completed in conjunction with the Lineage project and that the landowners are under contractual agreement to complete the improvements

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2435 : Subdivision Application Lakeside at Rice Hope Phase 1C-2 Final Plat)

and that no certificate of occupancy would be issued until the improvements were done. Chairman Neesmith asked if the fumigation process was chemical or ultraviolet. Mr. Sangdahl responded it was chemical. There were no public comments. Commissioner Morris made a motion to approve. Commissioner Bright seconded the motion to approve. Commissioner's Herrin, Bright, Franklin, Rollf and Morris voted Yes. Commissioner Nelson voted No. The motion passes 5-1.

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris
NAYS:	Nelson

C. Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

The applicant Pete Schoenauer, Tidewater Engineering was present. Mr. Schoenauer gave a overview of the project and offered to answer any questions. Commissioner Rollf asked where the location of this project was. Mr. Schoenauer answered the project was behind Bojangles on Magellan Blvd. Commissioner Morris asked if the entire site would be cleared. Mr. Schoenauer responded that yes the whole site would be cleared, so that the stormwater linear pond that would serve the entire parcel. Commissioner Nelson asked if they had a estimated completion date. Mr. Schoenauer responded that he does not have a date but the owners were ready to start as soon as they had all their approvals. There were no public comments. Commissioner Franklin made a motion to approve the application. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

D. Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

The applicant, Lamar Mercer, Thomas & Hutton, was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. Mercer responded that not in the Lakeside phase. Commissioner Morris asked if the documents in the letter in the packet were under review by the City. Mr. Harvey responded that the close out package was under review by the City. There were no public comments. Commissioner Franklin made a motion to approve. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2435 : Subdivision Application Lakeside at Rice Hope Phase 1C-2 Final Plat)

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

E. Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

The applicant, Neil McKenzie, Coleman Company Inc., was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. McKenzie responded that yes. There were no public comments. Commissioner Rollf made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Wanda Rollf, Planning Commissioner
SECONDER:	Bill Herrin, Rosetta Franklin
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

9. NEW BUSINESS

10. ADJOURNMENT

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

_____
Chairman

The foregoing minutes are true and correct and approved by me on this _____ day of _____, 2021.

_____
Secretary

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2435 : Subdivision Application Lakeside at Rice Hope Phase 1C-2 Final Plat)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2432)

DOC ID: 2432

Site Plan Review Application submitted by Neil McKenzie, Coleman Company Inc., of behalf of Gary Wiggin for PIN # 7-0975-01-025 Tract B (Highway 21 / Jeffers Rd) for a General Development Site Plan to allow a Multi-Family Residential Development in a P-R-M (Planned Residential Multifamily) Zoning District

Issue/Item: Site Plan Review Application submitted by Neil McKenzie, Coleman Company Inc., of behalf of Gary Wiggin for PIN # 7-0975-01-025 Tract B (Highway 21 / Jeffers Rd) for a General Development Site Plan to allow a Multi-Family Residential Development in a P-R-M (Planned Residential Multifamily) Zoning District

Background: The subject property is currently undeveloped land. The property was recently rezoned in October 2020 to PRM.

Facts and Findings: The subject property is a portion of the PIN number that is located between Jeffers Road and Saussy Road. This is a community development project, targeting the workforce and attainable housing demographic of Port Wentworth. The development consists of 206 rental units, in various combinations of attached, duplex, and single units with one, two, and three bedroom offerings. The units will be offered for rent, with a typical leasing structure similar to a traditional apartment complex. The development will be operated and maintained by a property management company that will oversee day to day operation and maintenance of the facilities. This will be a private, gated development, served by Port Wentworth water and sewer utilities. The development will include considerable community open space, a swimming pool, and a fitness center. Most units will have a garage and driveway; walk-up units will have surface parking spaces available in the immediate vicinity. Visitor parking has been included, and on-street parking will be discouraged.

Funding: N/A

Recommendation: The Planning Commission will hear this application on January 11, 2021 at 6:30 P.M.**/ UPDATE: THE PLANNING COMMISSION VOTED UNANIMOUSLY TO APPROVE THIS APPLICATION.**

ATTACHMENTS:

- 7-0975-01-025 Tract B General Site Plan Submittal JAN 2021 - Application (PDF)
- 7-0975-01-025 Tract B General Site Plan Submittal JAN 2021 - Site Plan 5.12.2021 (PDF)
- Planning Commission Meeting Minutes January 11, 2021 - signed (PDF)

200331

RECEIVED
NOV 19 2020
BY: MCE

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

Site Plan Review Application

Site Plan Application is required for all new construction in a "P" or "MPO" zone as defined in the Zoning Ordinance of the City of Port Wentworth.

Site Plan Type (*Check One*): ☒ General / Concept ☐ Specific Development

Site Plan Address: Jeffers Road, Port Wentworth, GA 31407

PIN #(s): 7-0975-01-025 Tract B

Zoning: P-R-M Estimated Cost of Construction: $ $20,000,000

Type of Construction: Multi-family Residential community. Units will be for rent.

Applicant's Name: Neil McKenzie, Coleman Company Inc.

Mailing Address: 1480 Chatham Parkway, Suite 100
Savannah, GA 31405

Phone #: (912) 200-3041 Email: nmckenzie@cci-sav.com

Owner's Name (If Different form Applicant): GARY WIGGIN

Mailing Address: 660 E. 39TH STREET
SAVANNAH, GA 31401

Phone #: (912) 667-0582 Email:

I hereby acknowledge that the above information is true and correct.

NEP

Applicant's Signature — Date: 11/18/20

Owner's Signature (If Different form Applicant) — Date: 11/17/20

Please see page 2 for required submittal checklist

Updated 4/28/2020

Attachment: 7-0975-01-025 Tract B General Site Plan Submittal JAN 2021 - Application (2432 : Site Plan Review Application (General) 7-0975-

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

Site Plan Review Application Submittal Checklist

Documentation below is required for a complete submittal.

- ☒ Signed and Completed Application
- ☒ 3 Full size sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☒ 15 half size (11" X 17") sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☐ 2 copies of hydrology reports (if applicable)
- ☒ Names, mailing address, and PIN number of all property owners within 250 feet of all property lines
- ☒ 1 8 ½" X 11" of site plan civil drawings or concept plan (depending on type of site plan)
- ☒ PDF of entire submittal (either flash drive or CD)
- ☐ Other Engineering details or reports may be required once submittal has been received
- ☒ Site plan review fee check
  - ☒ No Land Disturbance- $206.00 Site Plan Fee + $50.00 Admin Fee = Total $256.00
  - ○ With Land Disturbance - $836.00 Site Plan Fee + $50.00 Admin Fee = Total $886.00

Additional Fee Statement: If engineer review cost to the City exceeds the site plan review fee that is paid at the time of initial application submittal, you may be required to pay additional review cost.

I have read and agree to the above additional fee statement

N Q P

Applicant's Signature

11/18/20

Date

Updated 4/28/2020

Attachment: 7-0975-01-025 Tract B General Site Plan Submittal JAN 2021 - Application (2432 : Site Plan Review Application (General) 7-0975-

Owner Name	Parcel Number	Property Address	Owner Address
VARNEDOE, SAM L	7-0976-02-035	SAUSSY RD PORT WENTWORTH PORT WENTWORTH, GA 31407	1711 CHATHAM AVE TYBEE ISLAND, GA 31328-1328
FRYAR, LILLIE B	7-0975-01-004A	130 SAUSSY RD PORT WENTWORTH, GA 31407	130 SAUSSY RD SAVANNAH, GA 31407-9616
JONES, JAMES & JONES, YOLANDA L	7-0975-01-004B	SAUSSY RD PORT WENTWORTH PORT WENTWORTH, GA 31407	PO BOX 1901 RINCON, GA 31326-1901
SMALL, MABLE	7-0975-01-004D	111 GRANT RD PORT WENTWORTH, GA 31407	PO BOX 7703 SAVANNAH, GA 31418-7703
JOYNER, JOE W & JOYNER, DEBORAH	7-0975-01-004E	202 SAUSSY RD PORT WENTWORTH, GA 31407	202 SAUSSY RD SAVANNAH, GA 31407-9618
STEWART, MATTHEW & STEWART, CAMILLA	7-0975-01-004F	126 SAUSSY RD PORT WENTWORTH, GA 31407	126 SAUSSY RD PORT WENTWORTH, GA 31407-9616
GRANT, ELNORA	7-0975-01-009	124 SAUSSY RD PORT WENTWORTH, GA 31407	124 SAUSSY RD SAVANNAH, GA 31407-9616
MCBRIDE, ANTHONY & FOSTER, VANESSA	7-0975-01-010	SAUSSY RD PORT WENTWORTH PORT WENTWORTH, GA 31407	PO BOX 7531 SAVANNAH, GA 31418-7531
STEELE, FRED	7-0975-01-012	202 GRANT RD PORT WENTWORTH, GA 31407	202 GRANT RD SAVANNAH, GA 31407-9748
HARDEN, MILTON & HARDEN, PEARLIE ANN	7-0975-01-012A	210 GRANT RD PORT WENTWORTH, GA 31407	210 GRANT RD SAVANNAH, GA 31407-9748
STEELE, JOHNNIE	7-0975-01-012B	204 GRANT RD PORT WENTWORTH, GA 31407	204 GRANT RD SAVANNAH, GA 31407-9748
STEELE, WILLIE LEE	7-0975-01-012C	206 GRANT RD PORT WENTWORTH, GA 31407	206 GRANT RD SAVANNAH, GA 31407-9748
ROYAL, RONALD A	7-0975-01-024	6510 HIGHWAY 21 PORT WENTWORTH, GA 31407	6510 GA HIGHWAY 21 PORT WENTWORTH, GA 31407-8550
WIGGIN, GARY	7-0975-01-025	JEFFERS RD PORT WENTWORTH PORT WENTWORTH, GA 31407	140 GREENE ST NEW YORK, NY 10012-3241
JEFFERS, LYNN	7-0975-01-026Y	222 JEFFERS RD PORT WENTWORTH, GA 31407	222 JEFFERS RD PORT WENTWORTH, GA 31407-9734
JONES, EVELYN	7-0975-02-002	7542 HIGHWAY 21 PORT WENTWORTH, GA 31407	7542 GA HIGHWAY 21 PORT WENTWORTH, GA 31407-9718
STEELE, WILLIAM & STEELE, LAFAYETTE	7-0975-02-003	7538 HIGHWAY 21 PORT WENTWORTH, GA 31407	52 LEON VILLAGE DR GARDEN CITY, GA 31408-2704
BOYETT, L ALFRED	7-0975-02-004	7532 HIGHWAY 21 PORT WENTWORTH, GA 31407	7532 GA HIGHWAY 21 PORT WENTWORTH, GA 31407-9718
STEELE, KENNETH	7-0975-02-005	387 AUGUSTA RD PORT WENTWORTH, GA 31407	1713 E 32ND ST SAVANNAH, GA 31404-2333
GHYLL, BARBARA JOYCE	7-0975-02-006	7514 HIGHWAY 21 PORT WENTWORTH, GA 31407	1595 BERKELEY AVE NORTH BALDWIN, NY 11510-1635
JAMES WOO INDUSTRIES LLC	7-0975-02-007	7512 HIGHWAY 21 PORT WENTWORTH, GA 31407	136 POST HOUSE TRL POOLER, GA 31322-9624
LONG LEAF PINE INVESTMENTS LLC, POOLER COUND LLC	7-0975-02-008	HIGHWAY 21 PORT WENTWORTH, GA 31407	PO BOX 16134 SAVANNAH, GA 31416
SMITH, ERIC C	7-0975-02-009	7508 HIGHWAY 21 PORT WENTWORTH, GA 31407	PO BOX 2264 RINCON, GA 31326-2264
CHEATHEM, LULA GHYLL ROBERTS	7-0975-02-010	HIGHWAY 21 PORT WENTWORTH PORT WENTWORTH, GA 31407	1595 BERKELEY AVE NORTH BALDWIN, NY 11510-1635
WILSON, DAVID AND JOHNSON, EDWARD	7-0975-02-011	7500 HIGHWAY 21 PORT WENTWORTH, GA 31407	7500 HIGHWAY 21 PORT WENTWORTH, GA 31407
JOHNSON, EDWARD	7-0975-02-012	HIGHWAY 21 PORT WENTWORTH PORT WENTWORTH, GA 31407	2127 MASON DR SAVANNAH, GA 31404-5652
FLOYD, WILLIS H	7-0976-02-012	123 SAUSSY RD PORT WENTWORTH, GA 31407	123 SAUSSY RD SAVANNAH, GA 31407-9617
HARRIS, JOSEPH N	7-0976-02-012A	SAUSSY RD PORT WENTWORTH PORT WENTWORTH, GA 31407	1920 ARCADIAN ST SAVANNAH, GA 31405-3812
GRANT, CAMILLIA	7-0975-01-004	124 SAUSSY RD PORT WENTWORTH, GA 31407	124 SAUSSY RD SAVANNAH, GA 31407-9616
ROBINSON, JULIUS & ROBINSON, ELLA MAE	7-0945-01-004C	225 GRANT RD PORT WENTWORTH, GA 31407	225 GRANT RD PORT WENTWORTH, GA 31407
FIELDSTONE GROUP LLC	7-0975-02-013	HIGHWAY 21 PORT WENTWORTH PORT WENTWORTH, GA 31407	204 WILEY BOTTOM RD SAVANNAH, GA 31411

Attachment: 7-0975-01-025 Tract B General Site Plan Submittal JAN 2021 - Application (2432 : Site Plan

CITY OF PORT WENTWORTH

(912) 964-4379

REC#: 00294880 12/08/2020 10:48 AM
OPER: ME TERM: 011
REF#: CK 10003

TRAN: 112.0000 BLDG PERMIT
200331 256.00CR
WIGGIN, GARY
7-0975-01-025
DEV-SPR 256.00CR

TENDERED: 256.00 CHECK
APPLIED: 256.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

Attachment: 7-0975-01-025 Tract B



COLEMAN COMPANY
ENGINEERS • SURVEYORS
Savannah, Georgia | (912) 200-3041 | COLEMANCO.COM

NOT FOR CONSTRUCTION

SITE PLAN IS CONCEPTUAL IN NATURE AND SUBJECT TO CHANGE UPON FINAL SURVEY AND JURISDICTIONAL INVESTIGATION

REVISIONS:

CONCEPTUAL SITE PLAN

SAUSSY FARMS

LOCATED IN PORT WENTWORTH, GEORGIA

JOB NUMBER:	20-374.003
DATE:	05/12/2021
DRAWN BY:	FPGD
CHECKED BY:	NPM
SCALE:	AS NOTED

GENERAL DEVELOPMENT PLAN

SHEET: CP1.1

© 2018 COLEMAN COMPANY, INC. DATE PLOTTED: 5/12/2021 4:55 PM BY: Fred Doyle DRAWING PATH: Q:\2020\20-374.003\DWG\Planning\20-374.003 Saussy Farms 05-12-2021.dwg

Attachment: 7-0975-01-025 Tract B General Site Plan Submittal JAN 2021 - Site Plan 5.12.2021 (2432 : Site Plan Review Application (General) 7-0975-01-025 Tract B)

CITY OF PORT WENTWORTH

PLANNING COMMISSION

JANUARY 11, 2021

Via Teleconference GoToMeeting | **Regular Meeting** | **6:30 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Vice-Chairman CJ Neesmith called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Commissioner Bright led the Prayer and Pledge of Allegiance

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Absent	
Maurice Rahn	Planning Commissioner	Absent	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Planning Commissioner	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Bill Herrin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Morris, Nelson
ABSENT:	Rollf, Rahn

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Dec 14, 2020 6:30 PM

RESULT:	**ACCEPTED AS AMENDED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Bill Herrin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Morris, Nelson
ABSENT:	Rollf, Rahn

6. ZONING MAP AMENDMENTS (REZONING)

Attachment: Planning Commission Meeting Minutes January 11, 2021 - signed (2432 : Site Plan Review Application (General) 7-0975-01-025

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

A. Alcoholic Beverage License Application submitted by Bijalkumar Patel, ADI Shakti Trading OF Inc., for a Package Shop and Sunday Sales License for ADI Shakti Trading OF Inc., dba Dons Package (1116 Hwy 30 #102) located in a P-C-1 (Planned Neighborhood Business) Zoning District

Mr. Harvey stated the application was complete. Bijalkumar Patel was present and offered to answer any questions. After several minutes of discussion, Commissioner Bright made a motion to approve. Commissioner Herrin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Bill Herrin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Morris, Nelson
ABSENT:	Rollf, Rahn

B. Alcoholic Beverage License Application submitted by Bijalkumar Patel, ADI Shakti Trading OG Inc., for a Beer / Wine and Sunday Sales License for ADI Shakti Trading OG Inc., dba Sunco (1116 Hwy 30 #101) located in a P-C-1 (Planned Neighborhood Business) Zoning District

Mr. Harvey stated the application was complete. Bijalkumar Patel was present and offered to answer any questions. After several minutes of discussion, Commissioner Herrin made a motion to approve. Commissioner Bright seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Bill Herrin, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Morris, Nelson
ABSENT:	Rollf, Rahn

C. Site Plan Review Application submitted by Neil McKenzie, Coleman Company Inc., of behalf of Gary Wiggin for PIN # 7-0975-01-025 Tract B (Highway 21 / Jeffers Rd) for a General Development Site Plan to allow a Multi-Family Residential Development in a P-R-M (Planned Residential Multifamily) Zoning District

Mr. Harvey stated the application was complete. Neil McKenzie, Coleman Company Inc., was present. Mr. McKenzie gave a brief presentation of the project and offered to answer any questions. Commissioner Bright asked about Police and Fire access. Mr. McKenzie stated that the Police and Fire would have full emergency access. Mr. Herrin expressed traffic concerns on Highway 21. After several minutes of discussion, Commissioner Bright made a motion to approve. Commissioner Herrin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Bill Herrin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Morris, Nelson
ABSENT:	Rollf, Rahn

9. NEW BUSINESS

Attachment: Planning Commission Meeting Minutes January 11, 2021 - signed (2432 : Site Plan Review Application (General) 7-0975-01-025

A. OFFICER ELECTIONS

1. Chairman

Commissioner Rosetta Franklin nominated CJ Neesmith for the position of Chairman. The vote was unanimous.

2. Vice-Chairman

Commissioner Neesmith nominated Rufus Bright for the position of Vice-Chairman. The vote was unanimous.

3. Secretary

Commissioner Bright nominated Brian Harvey for the position of Secretary. The vote was unanimous.

10. ADJOURNMENT

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Lauree Morris, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Morris, Nelson
ABSENT:	Rollf, Rahn

Chairman

The foregoing minutes are true and correct and approved by me on this 3rd day of March, 2021.

Secretary

Attachment: Planning Commission Meeting Minutes January 11, 2021 - signed (2432 : Site Plan Review Application (General) 7-0975-01-025

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2436)

DOC ID: 2436

Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

Issue/Item: Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

Background: The subject property is currently vacant woodland. There are no buildings or structures on the subject property.

Facts and Findings: The specific site plan consist of a 4 story hotel with 110 rooms. The site will connect to City water and sewer utilities and be accessed from Magellan Blvd. The site plan also includes associated parking, utilities, drainage and infrastructure improvements. This application was reviewed and recommended for approval by City Engineers T.R. Long Engineering.

Funding: N/A

Recommendation: The Planning Commission will hear this application on Monday, May 10, 2021 at 7:00 PM. **/ UPDATE: THE PLANNING COMMISSION VOTED UNANIMOUSLY TO APPROVE THIS APPLICATION.**

ATTACHMENTS:

- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (PDF)
- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Timeline(PDF)
- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Letter TRLONG 5.5.21 (PDF)
- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Response Tidewater 5.12.21 (PDF)
- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Concurrence Letter TRLONG 5.17.21 (PDF)
- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-EPD letter (PDF)
- Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21(PDF)
- Planning Commission Minutes May 10, 2021 DRAFT (PDF)

210108

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

RECEIVED
MAR 16 202
BY: MBE

Site Plan Review Application

Site Plan Application is required for all new construction in a "P" or "MPO" zone as defined in the Zoning Ordinance of the City of Port Wentworth.

Site Plan Type (*Check One*): ☐ General / Concept ☑ Specific Development

Site Plan Address: TBD MAGELLAN BLVD

PIN #(s): A PORTION OF 70037 02004

Zoning: P-C-3 Estimated Cost of Construction: $

Type of Construction: WOOD FRAME

Applicant's Name: TIDEWATER ENGINEERING

Mailing Address: 200 PLANTATION CHASE

ST. SIMONS ISLAND, GA 31522

Phone #: (912) 268-2164 Email: pete@tidewatereng.com

Owner's Name (If Different form Applicant): PSM 2021, LLC

Mailing Address: 4679 US HWY 17

RICHMOND HILL, GA 31324

Phone #: (912) 572-5328 Email: patel.jitan@gmail.com

I hereby acknowledge that the above information is true and correct.

Pete Schoen
Applicant's Signature

3/9/21
Date

Owner's Signature (If Different form Applicant)

3/9/21
Date

Please see page 2 for required submittal checklist

Updated 4/28/2020

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (2436 : Site Plan Review Application (Specific) Magellan

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

Site Plan Review Application Submittal Checklist

Documentation below is required for a complete submittal.

- ☑ Signed and Completed Application
- ☑ 3 Full size sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☐ 15 half size (11" X 17") sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☑ 2 copies of hydrology reports (if applicable)
- ☑ Names, mailing address, and PIN number of all property owners within 250 feet of all property lines
- ☐ 1 8 ½" X 11" of site plan civil drawings or concept plan (depending on type of site plan)
- ☐ PDF of entire submittal (either flash drive or CD)
- ☐ Other Engineering details or reports may be required once submittal has been received
- ☐ Site plan review fee check
    - No Land Disturbance- $206.00 Site Plan Fee + $50.00 Admin Fee = Total $256.00
    - With Land Disturbance - $836.00 Site Plan Fee + $50.00 Admin Fee = Total $886.00

Additional Fee Statement: If engineer review cost to the City exceeds the site plan review fee that is paid at the time of initial application submittal, you may be required to pay additional review cost.

I have read and agree to the above additional fee statement

Peter Eskew
Applicant's Signature

3/9/21
Date

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (2436 : Site Plan Review Application (Specific) Magellan

PORT WENTWORTH

3.5.4 Exhibit 2 Equivalent Residential Unit (ERU) Calculations

The following is designed to compute the total number of equivalent residential units (ERU's), as well as, total water and sewer fees.

PROJECT HOME 2 SUITES MAGELLAN BLVD **DATE** 1-19-21

LOCATION TBD MAGELLAN BLVD

RESIDENTIAL USE: EQUIVALENT RESIDENTIAL UNITS (ERU)			
Total Number of Single Family Homes	@ 300 gpd	=	GP
Total Number of One Bedroom Apartments	@ 150 gpd	=	GP
Total Number of Two Bedroom Apartments	@ 200 gpd	=	GP
Total Number of Three Bedroom Apartments	@ 300 gpd	=	GP
(4 or more units per parcel)	TOTAL GPD		
	Divide by 300 gpd (1 ERU)		
	= TOTAL ERU's		

COMMERCIAL USE: GALLONS PER DAY (GPD)			
Offices	30 gallons/200 sq. ft.	=	GPD
Department Store/Retail	5 gallons/100 sq. ft.	=	GPD
Restaurant, Less Than 24 hr Operation	25 gallons/seat	=	GPD
Restaurant, 24 hr Operation	50 gallons/seat	=	GPD
Hotel/Motel	100 gallons per room	= 110	11,000 GPD
Schools/Day, Restrooms, gym &	25 gallons/person	=	GPD
Self Service Laundry	200 gallons/machine	=	GPD
Commercial Laundry	1000 gallons/machine	=	GPD
Physician's Office	100 gallons/exam room	=	GPD
Dental Office	150 gallons/chair	=	GPD
Clinic	150 gallons/exam room	=	GPD
Nursing Home	100 gallons/resident	=	GPD
Barber Shop/Beauty Parlor	100 gallons/chair	=	GPD
Banks	30 gallons/200 sq.ft.	=	GPD
Grocery Store	5 gallons/100 sq.ft.	=	GPD
Warehouse	10 gallons/1000 sq.ft.	=	GPD
Other			
	TOTAL GPD 11,000		
	= TOTAL ERU's 37 ERU's		

Calculated by: Peter Schoenauer Date: 1-19-21

For determination of sewer tap fees reference Port Wentworth Code of Ordinance Article III Section 21-63

For determination of water tap fees reference Port Wentworth Code of Ordinance Article I Section 21-11

For determination of fire protection tap fees reference Port Wentworth Code of Ordinance Article I Section 21-11

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (2436 : Site Plan Review Application (Specific) Magellan

CITY OF PORT WENTWORTH
(912) 964-4379

REC#: 00308189 4/05/2021 2:57 PM
OPER: ME TERM: 011
REF#: CK 1001

TRAN: 112.0000 BLDG PERMIT
210108 886.00CR
PSM 2021, LLC
7-0037-02-004
DEV-SPR 886.00CR

TENDERED: 886.00 CHECK
APPLIED: 886.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (2436 : Site Plan Review Application (Specific) Magellan

PropAddress_Full	PIN	Owner	Mailing_Address	Mailing_City	Mailing_State	Mailing_Zip
0 HIGHWAY 21	70037 02004	LAND HOLDING LLC	PO BOX 25999	SHAWNEE MISSION	KS	66225
0 MAGELLAN BLVD	70037 02011	LAND HOLDING LLC	PO BOX 25999	SHAWNEE MISSION	KS	66225
0 MAGELLAN BLVD	70037 02012	3681 FIFTH AVENUE LLC & 3687 FIFTH AVENU	1018 GUILDFORD CT	ENCINITAS	CA	92024
0 MAGELLAN BLVD	70037 02013	LAND HOLDING LLC	PO BOX 25999	SHAWNEE MISSION	KS	66225
0 MAGELLAN BLVD	70037 02014	1311 EUCLID LLC	1128 24TH ST	SANTA MONICA	CA	90403
0 MAGELLAN BLVD	70037 02015	LAND HOLDING LLC	PO BOX 25999	SHAWNEE MISSION	KS	66225
27 CORDAGE CIR	70978A01014	BARRETT SCOTT J	418 LIONS DEN DR	POOLER	GA	31322
29 CORDAGE CIR	70978A01015	DAVIS NORMAN E JR & EVELYN*	139 COBBLETON DR	RINCON	GA	31326
31 CORDAGE CIR	70978A01016	DAVIS NORMAN E JR & EVELYN*	139 COBBLETON DR	RINCON	GA	31326
33 CORDAGE CIR	70978A01017	KOHRS CHAD E & JESSICA JEAN*	No Data	ELIZABETHTOWN	KY	42701
35 CORDAGE CIR	70978A01018	MCCOY TERRY & RUBY JANIE*	35 CORDAGE CIRCLE	PORT WENTWORTH	GA	31407
37 CORDAGE CIR	70978A01019	BIGHAM & OWENS KENNETH & SHANTELL	37 CORDAGE CIR	PT WENTWORTH	GA	31407
39 CORDAGE CIR	70978A01020	GREEN ARIC	39 CORDAGE CIR	PORT WENTWORTH	GA	31407
41 CORDAGE CIR	70978A01021	SCOTT BRUCE C & ALETHIA L	41 CORDAGE CIRCLE	SAVANNAH	GA	31407
43 CORDAGE CIR	70978A01022	HARVEY AIKEN DISHON G	43 CORDAGE CIRCLE	PORT WENTWORTH	GA	31407
45 CORDAGE CIR	70978A01023	HARTZ AUDRA K	15 RIALTO CT	POOLER	GA	31322
47 CORDAGE CIR	70978A01024	COLLINS FREDDIE L II	47 CORDAGE CIR	PORT WENTWORTH	GA	31407
1 HALYARD DR	70978A08014	PRIESTER DAVID	1 HALYARD DR	PORT WENTWORTH	GA	31407
4 HALYARD DR	70978A10007	DERRINGER HOLLY C	4 HALYARD DR	PORT WENTWORTH	GA	31407
2 HALYARD DR	70978A10008	SANCHEZ MARGARITA	PO BOX 4314	SAVANNAH	GA	31407
46 CORDAGE CIR	70978A10015	PICKETT CHRISTOPHER A & ANGEL L*	46 CORDAGE CIRCLE	PT WENTWORTH	GA	31407
44 CORDAGE CIR	70978A10016	BHATT KETAN H	44 CORDAGE CIRCLE	PORT WENTWORTH	GA	31407
55 BEARING CIR	70978A21020	POLLEN TROY A	8 LAFAYETTE CT	PORT WENTWORTH	GA	31407
57 BEARING CIR	70978A21021	DAO CUONG C	210 FISH HAWK LN	SAVANNAH	GA	31410
61 BEARING CIR	70978A21023	HARDEE GROVE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
63 BEARING CIR	70978A21024	AVALON COVE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
65 BEARING CIR	70978A21025	BRIGHTON BLUFF INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
67 BEARING CIR	70978A21026	GARNETT RIDGE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
69 BEARING CIR	70978A21027	DILLARD PARK INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
71 BEARING CIR	70978A21028	EDEN LAKE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
73 BEARING CIR	70978A21029	CAPITAL AVENUE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
75 BEARING CIR	70978A21030	AVALON COVE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
77 BEARING CIR	70978A21031	BRIGHTON BLUFF INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
79 BEARING CIR	70978A21032	GARNETT RIDGE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
81 BEARING CIR	70978A21033	DILLARD PARK INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
83 BEARING CIR	70978A21034	EDEN LAKE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
85 BEARING CIR	70978A21035	FISHER ISLE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
87 BEARING CIR	70978A21036	FISHER ISLE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
89 BEARING CIR	70978A21037	GORDON KAYLA	89 BEARING CIR	PORT WENTWORTH	GA	31407
91 BEARING CIR	70978A21038	COOK TIFFANY R	91 BEARING CIR	PT WENTWORTH	GA	31407
93 BEARING CIR	70978A21039	CISCO SHEMEKA M	93 BEARING CIR	PT WENTWORTH	GA	31407
95 BEARING CIR	70978A21040	FLOWERS DETROIT	95 BEARING CIRCLE	PORT WENTWORTH	GA	31407

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (2436 : Site Plan

97 BEARING CIR	70978A21041	GREEN & DIMATTIO SHAWN & MEGAN	97 BEARING CIR	PORT WENTWORTH	GA	31407
99 BEARING CIR	70978A21042	DEMARCO ROGER OWEN	195 SPANTON CRES	POOLER	GA	31322
101 BEARING CIR	70978A21043	JOHNSON LASHONDA M	101 BEARING CIRCLE	PORT WENTWORTH	GA	31407
103 BEARING CIR	70978A21044	CUPSTID KATIE	103 BEARING CIR	PT WENTWORTH	GA	31407
20 BEARING CIR	70978A21051	COVE AT NEWPORT TOWNHOME ASSOCIATION INC	100 COMMERCE CT	POOLER	GA	31322
64 BEARING CIR	70978A21070	CAPITAL AVENUE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
62 BEARING CIR	70978A21071	CAPITAL AVENUE INVESTMENTS LLC	120 COMMERCE CT	POOLER	GA	31322
BEARING CIR	70978A21072	COVE AT NEWPORT TOWNHOME ASSOCIATION INC	100 COMMERCE CT	POOLER	GA	31322
56 BEARING CIR	70978A21074	RAVEN DANTE L	700 BROGDON RD	GUYTON	GA	31312
54 BEARING CIR	70978A21075	MITCHELL JOHN P	54 BEARING CIRCLE	PT WENTWORTH	GA	31407
52 BEARING CIR	70978A21076	DEMPSEY DYNESHA D	52 BEARING CIRCLE	PORT WENTWORTH	GA	31407
50 BEARING CIR	70978A21077	CONNER CHARLES H SR	130 JIM WATERS RD	STATESBORO	GA	30458
48 BEARING CIR	70978A21078	HILL BRYAN A	48 BEARING CIRCLE	PORT WENTWORTH	GA	31407
46 BEARING CIR	70978A21079	CERVONE PAMELA MARIE	46 BEARING CIR	PORT WENTWORTH	GA	31407
59 BEARING CIR	70978A21086	HARVEY HORACE	59 A BEARING CIRCLE	PORT WENTWORTH	GA	31407
59 BEARING CIR	70978A21087	COLLEEN SIMMONS AS TRUSTEE OF THE PATRIC	59 BEARING CIRCLE, UNIT B	PORT WENTWORTH	GA	31407
59 BEARING CIR	70978A21088	VOISINE HELGA J	275 NORTH TOPI TRL	HINESVILLE	GA	31313
59 BEARING CIR	70978A21089	CONYERS SHEILA WILCOX	59 D BEARING CIR	PORT WENTWORTH	GA	31407
BEARING CIR	70978A21090	COVE AT NEWPORT CONDOMINIUM	100 COMMERCE CT	POOLER	GA	31322
44 BEARING CIR	70978A21101	RNJ INVESTMENTS LLC	7640 ABERCORN ST	SAVANNAH	GA	31406
44 BEARING CIR	70978A21102	SPENCER BEULAH	140 CAMBRIDGE DRIVE	RINCON	GA	31326
44 BEARING CIR	70978A21103	SIMMONS MULIK	2 EMMET COURT	SAVANNAH	GA	31419
44 BEARING CIR	70978A21104	REALTY INVESTORS US LLC	105 HILLSIDE DR	RINCON	GA	31326
BEARING CIR	70978A21105	COVE AT NEWPORT CONDOMINIUM	100 COMMERCE CT	POOLER	GA	31322
58 BEARING CIR	70978A21106	RNJ INVESTMENTS LLC	7640 ABERCORN STREET	SAVANNAH	GA	31406
58 BEARING CIR	70978A21107	HUNT BRION R	58B BEARING CIRCLE	PT WENTWORTH	GA	31407
58 BEARING CIR	70978A21108	FOSTER LUANN L	58 C BEARING CIR	PORT WENTWORTH	GA	31407
58 BEARING CIR	70978A21109	MORGAN CHRISTOPHER D.	58 BEARING CIRCLE, UNIT D	PORT WENTWORTH	GA	31407
BEARING CIR	70978A21110	COVE AT NEWPORT CONDOMINIUM	100 COMMERCE CT	POOLER	GA	31322
0 HIGHWAY 21	70037 02016	WPB ESTATE MANAGEMENT LLC	4107 COLUMBIA ROAD	AUGUSTA	GA	30907

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Application (2436 : Site Plan

4030

Project Timeline

Specific Site Plan – Home 2 Suites, Magellan Blvd

- 3/16/2021—application received.
- 3/30/2021—emailed Pete Schoenauer, Tidewater Engineering, missing documents (pdf, 15 copies and fee)
- 3/30/2021—received PDF of plans & hydro.
- 4/6/2021—sent full submittal to Trent Long, TR Long Engineering, to start site plan review.
- 4/13/2021—sent follow up email to Trent Long about review status.
- 4/26/2021—sent follow up email to Trent Long about review status.
- 5/5/2021—received 1st comment letter from Trent Long. Forwarded letter to Pete, Tidewater Engineering, and also told Pete that we needed 15 copies by the end of the business day on 5/6/2021.
- 5/6/2021—received 15 copies of the plan.
- 5/10/2021—Planning Commission approved this application.
- 5/12/2021—Received return comment letter, revised site plan, and revised Hydro from Pete.
- 5/13/2021—Received EPD letter from Pete.
- 5/17/2021---Received concurrence letter from T.R. Long Engineering.
- 5/17/2021—Received PDF of final plans from Pete, Tidewater Engineering.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Timeline (2436 : Site Plan Review Application (Specific) Magellan Blvd

T. R. Long Engineering, P.C.

114 North Commerce Street
Hinesville, Georgia 31313
(912) 368-5664 Office
(912) 368-7206 FAX

308 Commercial Drive
Savannah, Georgia 31406
(912) 335-1046 Office
(912) 335-1642 FAX

May 5, 2021

Mr. Brian Harvey
City of Port Wentworth
7224 Georgia Highway 21
Port Wentworth, Georgia 31407

Re: Site Development Plan
Home 2 Suites TDB Magellan Boulevard
Port Wentworth, Georgia

Dear Mr. Harvey,

T. R. Long Engineering, P.C. has reviewed the specific development plans entitled "Site Development Plans, Home 2 Suites, TBD Magellan Boulevard," prepared by Tidewater Engineering, Inc. dated January 15, 2021. We offer the following comments regarding this assessment:

1. The qualified plan preparer level II certification is expired. Please review and update on all sheets to a current certified level II preparer.
2. Update the introduction paragraph in the drainage report. The first paragraph is incomplete.
3. On sheet 2, Sewer Note # 7, please update the note to match the City of Port Wentworth specification that the height of manhole is to be 3" above ground in unpaved areas.
4. On sheet 2, Water Note # 5, please update the note to match the City of Port Wentworth specification on 2" and smaller piping. See Specification 02510 section 2.01 E & F. in the City of Port Wentworth Comprehensive Development Manual.
5. On sheet 2, Water Note # 6, please update printed identification to read "Caution Water Line Buried Below" per Specification 02510 section 3.06 B.
6. On sheet 2, Water Note # 7, please update the height above finish grade to comply with the City of Port Wentworth Technical Detail W-9 which shows the height to be 1'-6" to the center line of the pump connection.
7. On sheet 2, Roads and Drainage Note # 6, please update the note to refer to the City of Port Wentworth requirements and not Bulloch County.
8. On sheet 2, Roads and Drainage Note # 7, please add to required presence the City of Port Wentworth Facility Inspector needs to be present for all proof rolls.
9. On sheet 3, please add the adjacent property owners and property pin numbers to the drawing.
10. On sheet 5, the standard asphalt detail shows 6" GAB. The City of Port Wentworth requires the base course to be 8" of GAB. Reference the City of Port Wentworth Comprehensive Development Manual.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Letter TRLONG 5.5.21 (2436 : Site Plan Review

11. The concrete swales at all intersections referred to as 3' valley gutters in the drawings need concrete fillets added as shown in City of Port Wentworth Detail P-7.
12. All radii shown on the construction drawings need to be identified by size on the staking plan sheet.
13. Need measurements to be added to the staking plan sheet along the curbing for correct lengths.
14. Sidewalk should be installed along the proposed roadway, be sure to include crosswalks and ADA ramps.
15. A sidewalk should be added to connect the hotel sidewalk to the sidewalk along Magellan Boulevard for future guest foot access to surrounding facilities.
16. On sheet 6, Drainage Plan, the pond outlet control structure and outlet pipe are not identified. The drawing does not identify the type of connection to the existing system.
17. On sheet 6, Drainage Plan, the outfall to the pond shows a mitered end section and to see detail on sheet 17. There is not a detail on sheet 17, a detail is shown on sheet on sheet 20 but it is for a HDPE mitered end section. The City of Port Wentworth prefers concrete flared end sections for pipe ends. The detail SD-11 was provided on sheet 24 which is for flared end sections. Please update drawing with these changes.
18. On sheet 7, Utility Plan, please add invert elevations to the manholes where the 6" and 8" sewer lateral connect.
19. On sheet 7, Utility Plan, there is not a note on how to end the domestic water line near the temporary turn around. Please update the drawing with a note and a detail.
20. On sheet 7, Utility Plan, there is a note referring to see the Dead-End Detail on sheet 20. There is no detail to reference.
21. Need to add detail for water meter 3" and larger (W-15) to the plan sheets for domestic water system.
22. Please show concrete vaults on the drawings in addition to the notes. Provide a method to drain water system vaults.
23. Add to sheet 7, Utility plan, a 6" water meter for the fire line.
24. Please note on the drawings the difference between minimum depths of bury for domestic water and reuse water. This should be added to the note identifying the separation distance.
25. On sheet 9 the label identifying the 18" pipe between Sta 7+45 and Sta 7+69 is off the page.
26. Identify all storm structures on the drainage profiles. This should correlate to the structure table.
27. Installation of 8" sanitary sewer across Magellan Blvd does not identify an open cut across the roadway. It does not show curb and gutter being removed and replaced. This should be noted, and the drawings updated.
28. Update the outlet control structure to show the orifice for the skimmer with invert.
29. Inlet sediment traps for all curb inlets need to be changed from Sd2-Bg to Sd2-P. Detail need to be added for Sd2-P.
30. Provide a detail for the concrete washout.
31. Ds1 should be included until the Ds3 is established.
32. On sheet 19, item 11, Effingham County is identified as the MS4, change to the City of Port Wentworth.
33. On sheet 19, item 7 refers to see sheet 14 for the decimal degrees these are not included on that sheet. Please update and correct.
34. On sheet 19, item 50 states all proposed BMPs are on sheet 8-10 and the details are on this sheet. Please update and correct.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Letter TRLONG 5.5.21 (2436 : Site Plan Review

35. On sheet 19, item 51 states all BMP details are on sheet 11. Please update and correct.

Should you have any questions, comments or need additional information please contact us.

Sincerely,



Trent R. Long, P.E.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Letter TRLONG 5.5.21 (2436 : Site Plan Review

T. R. Long Engineering, P.C.

114 North Commerce Street
Hinesville, Georgia 31313
(912) 368-5664 Office
(912) 368-7206 FAX

308 Commercial Drive
Savannah, Georgia 31406
(912) 335-1046 Office
(912) 335-1642 FAX

May 12, 2021

Mr. Brian Harvey
City of Port Wentworth
7224 Georgia Highway 21
Port Wentworth, Georgia 31407

Re: Site Development Plan
Home 2 Suites TDB Magellan Boulevard
Port Wentworth, Georgia

Dear Mr. Harvey,

T. R. Long Engineering, P.C. has reviewed the specific development plans entitled "Site Development Plans, Home 2 Suites, TBD Magellan Boulevard," prepared by Tidewater Engineering, Inc. dated January 15, 2021. We offer the following comments regarding this assessment:

1. The qualified plan preparer level II certification is expired. Please review and update on all sheets to a current certified level II preparer. Expiration date has been revised.
2. Update the introduction paragraph in the drainage report. The first paragraph is incomplete. The paragraph has been updated.
3. On sheet 2, Sewer Note # 7, ped lease update the note to match the City of Port Wentworth specification that the height of manhole is to be 3" above ground in unpaved areas. The note has been revised.
4. On sheet 2, Water Note # 5, please update the note to match the City of Port Wentworth specification on 2" and smaller piping. See Specification 02510 section 2.01 E & F. in the City of Port Wentworth Comprehensive Development Manual. The additional specifications have been added to the notes.
5. On sheet 2, Water Note # 6, please update printed identification to read "Caution Water Line Buried Below" per Specification 02510 section 3.06 B. The note has been revised.
6. On sheet 2, Water Note # 7, please update the height above finish grade to comply with the City of Port Wentworth Technical Detail W-9 which shows the height to be 1'-6" to the center line of the pump connection. The note has been revised.
7. On sheet 2, Roads and Drainage Note # 6, please update the note to refer to the City of Port Wentworth requirements and not Bulloch County. The note has been revised.
8. On sheet 2, Roads and Drainage Note # 7, please add to required presence the City of Port Wentworth Facility Inspector needs to be present for all proof rolls. The note has been revised.
9. On sheet 3, please add the adjacent property owners and property pin numbers to the drawing. Per our conversation, we added a note to sheet 2 with the name of the owner of the remaining property not being developed for the Hotel.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Response Tidewater 5.12.21 (2436 : Site Plan Review

10. On sheet 5, the standard asphalt detail shows 6” GAB. The City of Port Wentworth requires the base course to be 8” of GAB. Reference the City of Port Wentworth Comprehensive Development Manual. The detail has been revised to call out the 8” base for areas in the future right of way.

11. The concrete swales at all intersections referred to as 3’ valley gutters in the drawings need concrete fillets added as shown in City of Port Wentworth Detail P-7. The concrete fillets have been added.
12. All radii shown on the construction drawings need to be identified by size on the staking plan sheet. Additional radii information has been added to the plan sheet 5.
13. Need measurements to be added to the staking plan sheet along the curbing for correct lengths. Additional dimensions have been added to sheet 5.
14. Sidewalk should be installed along the proposed roadway, be sure to include crosswalks and ADA ramps. A sidewalk with curb ramps has been added along the street.
15. A sidewalk should be added to connect the hotel sidewalk to the sidewalk along Magellan Boulevard for future guest foot access to surrounding facilities. There is now a sidewalk connection from Magellan.
16. On sheet 6, Drainage Plan, the pond outlet control structure and outlet pipe are not identified. The drawing does not identify the type of connection to the existing system. The OCS and pipe are now labeled and the connection note added.
17. On sheet 6, Drainage Plan, the outfall to the pond shows a mitered end section and to see detail on sheet 17. There is not a detail on sheet 17, a detail is shown on sheet on sheet 20 but it is for a HDPE mitered end section. The City of Port Wentworth prefers concrete flared end sections for pipe ends. The detail SD-11 was provided on sheet 24 which is for flared end sections. Please update drawing with these changes. A note regarding the use of a concrete flared end section has been added. See sheet 6.
18. On sheet 7, Utility Plan, please add invert elevations to the manholes where the 6” and 8” sewer lateral connect. The inverts have been added.
19. On sheet 7, Utility Plan, there is not a note on how to end the domestic water line near the temporary turn around. Please update the drawing with a note and a detail. Per our conversation, the water line has been extended and the fire hydrant relocated to act as a blow off device.
20. On sheet 7, Utility Plan, there is a note referring to see the Dead-End Detail on sheet 20. There is no detail to reference. The note has been revised to read sheet 23.
21. Need to add detail for water meter 3” and larger (W-15) to the plan sheets for domestic water system. The detail has been added to sheet 23 and a note has been added on sheet 7 referencing the details.
22. Please show concrete vaults on the drawings in addition to the notes. Provide a method to drain water system vaults. The concrete vault is shown for the 8” valve in Magellan. Per our conversation, we will not provide a method to drain the vault.
23. Add to sheet 7, Utility plan, a 6” water meter for the fire line. Per your email, a meter for the fire main is not required.
24. Please note on the drawings the difference between minimum depths of bury for domestic water and reuse water. This should be added to the note identifying the separation distance. The minimum bury depths have been added to the note.
25. On sheet 9 the label identifying the 18” pipe between Sta 7+45 and Sta 7+69 is off the page. The viewport has been adjusted so the note is not cut off.
26. Identify all storm structures on the drainage profiles. This should correlate to the structure table. The storm drainage structures have been identified on the profiles.
27. Installation of 8” sanitary sewer across Magellan Blvd does not identify an open cut across the roadway. It does not show curb and gutter being removed and replaced. This should

Attachment: Magellan Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Response Tidewater 5.12.21 (2436 : Site Plan Review

be noted, and the drawings updated. Sheet 7 has been updated to include this information.

28. Update the outlet control structure to show the orifice for the skimmer with invert. The OCS detail has been modified to show the temporary orifice for the skimmer connection.
29. Inlet sediment traps for all curb inlets need to be changed from Sd2-Bg to Sd2-P. Detail need to be added for Sd2-P. Per our discussion, we will keep the details as shown.
30. Provide a detail for the concrete washout. Concrete washout detail is on sheet 17, center of the page.
31. Ds1 should be included until the Ds3 is established. Ds1 added to phase 2 esc plan.
32. On sheet 19, item 11, Effingham County is identified as the MS4, change to the City of Port Wentworth. This has been corrected.
33. On sheet 19, item 7 refers to see sheet 14 for the decimal degrees these are not included on that sheet. Please update and correct. The GPS coordinates for the Co has been added to sheet 14.
34. On sheet 19, item 50 states all proposed BMPs are on sheet 8-10 and the details are on this sheet. Please update and correct. The note has been revised to read Sheets 14-16.
35. On sheet 19, item 51 states all BMP details are on sheet 11. Please update and correct. The note has been corrected to read sheet 17.

Should you have any questions, comments or need additional information please contact us.

Sincerely,

Trent R. Long, P.E.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-1st Comment Response Tidewater 5.12.21 (2436 : Site Plan Review

114 North Commerce Street
Hinesville, Georgia 31313
Office: (912) 368-5664
Fax: (912) 368-7206

TR LONG ENGINEERING, P.C.

308 Commercial Drive
Savannah, Georgia 31406
Office: (912) 335-1046
Fax: (912) 355-1642

May 17, 2021

Mr. Brian Harvey
City of Port Wentworth
7224 Georgia Highway 21
Port Wentworth, Georgia 31407

Re: Site Development Plan
Home 2 Suites TDB Magellan Boulevard
Port Wentworth, Georgia

Dear Mr. Harvey,

T. R. Long Engineering, P.C. has reviewed the specific development plans entitled "Site Development Plans, Home 2 Suites, TBD Magellan Boulevard," prepared by Tidewater Engineering, Inc. dated January 15, 2021 and revised May 17, 2021. The site development plans generally meet the intent of the ordinances and guidelines of the City of Port Wentworth.

Concurrence with the site plan by T. R. Long Engineering, P.C. and Port Wentworth does not relieve the owner/developer, designer, engineer and contractor nor their representatives from their individual or collective responsibilities to comply with provisions of Local, State, and Federal regulations and/or ordinances. T. R. Long Engineering, P.C. and Port Wentworth review the submitted documents for completeness and general compliance with codes, ordinances and/or standards. No design liability can be assumed or assigned to T. R. Long Engineering, P.C. or Port Wentworth. All design liability remains with the professional engineer who signed and sealed those documents. Additionally, concurrence with the submitted documents and their intent is not to be construed as a check of every item submitted and does not prevent Port Wentworth from requiring corrections and/or addressing of omissions in the submitted documents and/or construction.

Should you have any questions, comments or need additional information please contact us.

Sincerely,

Trent R. Long, P.E.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Concurrence Letter TRLONG 5.17.21 (2436 : Site Plan Review

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Watershed Protection Branch
Coastal District Office
400 Commerce Center Drive
Brunswick, Georgia 31523-8251
Phone: 912-264-7284; Fax: (912) 262-3160

May 13, 2021

PSM 2021, LLC Richmond Hill
Jitan Patel

Re: Proposed Land Disturbing Activity
Home 2 Suites (Magellan Boulevard)
Chatham County, Georgia
File: SW-025-04-150

Dear Mr. Patel:

In accordance with the General NPDES Permit No. GAR100001 for Storm Water Discharges Associated with Construction Activities for Stand Alone Construction Projects, issued by the Georgia Environmental Protection Division (EPD) in September 2018, this Project has been reviewed for deficiencies in the identification of waters of the state and potential encroachment of land disturbing activities within 25 foot immediately adjacent and upland of the identifiable point from which the State mandated buffer is measured.

Based upon this review, the EPD has determined the following:

(1) The project does **not** have deficiencies in the identification of waters of the state.

(2) The project will **not** require a buffer variance from the EPD.

However, the EPD reserves the right to change this determination if information that conflicts with the original submittal is obtained during a later site inspection.

Additionally, in accordance with the General NPDES Permit No. GAR100001, each Erosion, Sedimentation and Pollution Control Plan (ESPCP) submittal shall include a completed and applicable ESPCP Checklist established by the Georgia Soil and Water Conservation as of January 1 of the year in which the land-disturbing activity was permitted.

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-EPD letter (2436 : Site Plan Review Application (Specific) Magellan Blvd

A deficient ESPCP is a violation of the NPDES Permit. If violations occur on the proposed project site and enforcement actions become necessary, a deficient ESPCP may increase the fines incurred. The applicable Checklist as well as a guidance document are available on the Georgia EPD website @ http://epd.georgia.gov.

Based upon this review, EPD has determined the following:

(1) The ESPCP for this Project does **not** have deficiencies.

If additional information is required, please contact me at 912-554-3492.

Sincerely,



Shannon K. Winsness
Environmental Specialist

cc: Tidewater Engineering
c/o Peter Schoenauer, P.E.
pete@tidewatereng.com

Alice Vick
EPD Coastal District Office
400 Commerce Center Drive
Brunswick, GA 31523-8251

File: SW-025-04-150

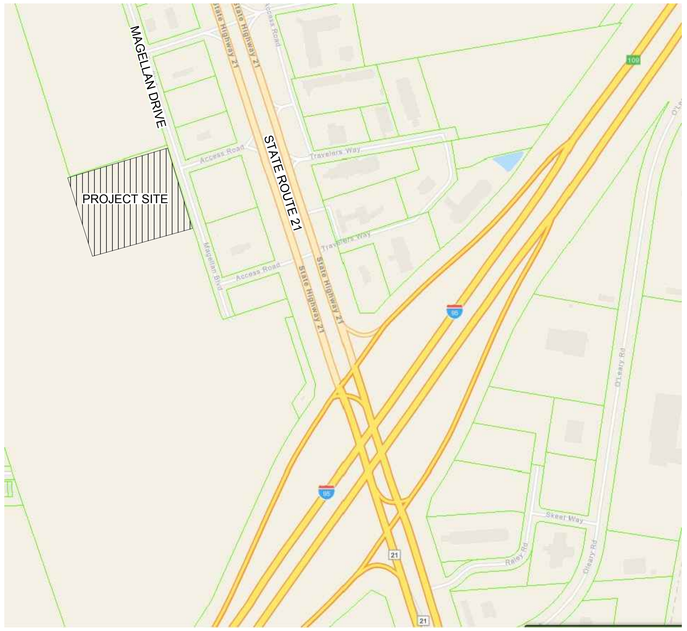
Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-EPD letter (2436 : Site Plan Review Application (Specific) Magellan Blvd

SITE DEVELOPMENT PLANS

HOME 2 SUITES

TBD MAGELLAN BOULEVARD

PORT WENTWORTH, GA



LOCATION MAP

NTS

GPS COORDINATES FOR CONSTRUTION ENTRANCE:
32.1944°N, −81.1976°W

SHEET INDEX

SHEET	DESCRIPTION
1	COVER SHEET
2	GENERAL CONSTRUCTION NOTES
3	OVERALL SITE
4	EX. CONDITIONS & DEMOLITION PLAN
5	STAKING PLAN & PAVING SPECIFICATIONS
6	GRADING & DRAINAGE PLAN
7	UTILITY PLAN
8	ROAD PROFILES
9	STORMDRAIN PROFILES 1
10	STORMDRAIN PROFILES 2
11	STORMDRAIN PROFILES 3
12	SEWER PROFILES
13	LANDSCAPING PLAN
14	ESC PHASE 1 PLAN
15	ESC PHASE 2 PLAN
16	ESC PHASE 3 PLAN
17	ESC DETAILS
18	ESC NOTES
19	ESC CHECKLIST
20	DRAINAGE DETAILS
21	WATER DETAILS
22	SEWER DETAILS
23	WATER AND RE-USE WATER DETAILS
24	STORM DRAIN DETAILS
25	STREET AND SITE DETAILS

DEVELOPER:

PSM 2021, LLC
4679 US HWY 17
RICHMOND HILL, GA 31324

24 HOUR CONTACT:
JITAN PATEL (912) 572-5328

QUALIFIED PLAN PREPARER:
PETER SCHOENAUER, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
CERTIFICATION#08147
EXPIRES: 03/30/24

GEORGIA REGISTERED No. 30623 PROFESSIONAL PETER SCHOENAUER ENGINEER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

COVER SHEET

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: NA

SHEET 1 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

GENERAL NOTES:

1. ALL CONSTRUCTION MUST MEET CURRENT CITY OF PORT WENTWORTH STANDARDS AND SPECIFICATIONS.
2. ALL NECESSARY PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST OBTAIN ALL PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
3. THE CONTRACTOR MUST TAKE PROPER CARE TO AVOID DAMAGE TO ANY EXISTING UTILITIES, DRAINAGE STRUCTURES, TREES, ETC.
4. THE LOCATION OF ALL EXISTING IMPROVEMENTS INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES ARE SHOWN APPROXIMATELY. THE CONTRACTOR MUST FIELD VERIFY THE LOCATIONS, BOTH HORIZONTALLY AND VERTICALLY, OF ALL EXISTING IMPROVEMENTS.
5. ANY DAMAGE TO EXISTING IMPROVEMENTS INCLUDING BUT NOT LIMITED TO UTILITIES, PAVEMENT, LANDSCAPING, ETC. MUST ME REPAIRED OR REPLACED TO THE CONDITION IT WAS PRIOR TO CONSTRUCTION.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITIES PROTECTION CENTER "CALL BEFORE YOU DIG" AT 1-800-282-7411.
7. THE CONTRACTOR MUST CONTACT THE OWNER, ENGINEER AND CITY AT LEAST 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION. THE CONTRACTOR MUST POSSESS APPROVED FINAL PLANS AND MAINTAIN A COPY OF THESE PLANS ON SITE AT ALL TIMES.
8. THE CONTRACTOR MUST FURNISH A COMPLETE SET OF "AS-BUILT" DRAWINGS OF ALL WORK TO BE DONE BY A STATE OF GEORGIA REGISTERED LAND SURVEYOR.
9. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES IN THESE AND ANY DEVIATION FROM THE PLANS.
10. ALL UNSUITABLE MATERIALS FROM CLEARING, GRUBBING AND EXCAVATION MUST BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
11. NOT ALL UNDERGROUND UTILITIES MAY BE SHOWN ON THESE PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL OF THESES UTILITIES AND COORDINATE WITH THE PLANS.

DEMOLITION NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL EXISTING UTILITY LOCATIONS AND DEPTH OF BURY.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ANY NECESSARY RIGHT OF WAY PERMITS PRIOR TO CONSTRUCTION IN THE RIGHT OF WAY.
3. ANY DAMAGE TO ADJACENT PROPERTY MUST BE REPAIRED TO THE CONDITION PRIOR TO CONSTRUCTION.
4. ALL DEMOLITION DEBRIS MUST BE REMOVED FROM THE SITE LAWFULLY AND AT THE CONTRACTOR'S EXPENSE.
5. CONTRACTOR MUST COORDINATE WITH UTILITY COMPANIES FOR REMOVAL AND ABANDONMENT OR RELOCATION OF ALL UTILITIES INCLUDING BUT NOT LIMITED TO GAS, CABLE, PHONE, ELECTRIC, WATER AND SEWER.

SEWER NOTES:

1. PVC FOR GRAVITY SEWER SHALL BE SDR 26 AND SHALL CONFORM TO ASTM D-3034.
2. PROVIDE A MINIMUM OF 10' HORIZONTAL SEPARATION BETWEEN WATER AND SEWER MAINS.
3. ALL PIPE SHALL BE CLEARLY MARKED WITH SIZE, ASTM INFORMATION, PRESSURE RATING, AND MANUFACTURER'S NAME.
4. DETECTOR TAPE AND TRACER WIRE SHALL BE INSTALLED OVER ALL NON-METALIC SEWER LINES.
5. PVC PIPE AND FITTING JOINTS WILL BE OF THE INTEGRAL BELL AND SPIGOT TYPE WITH A CONFINED ELASTOMERIC GASKET BEING ABLE TO ABSORB EXPANSION AND CONTRACTION WITHOUT ANY LEAKAGE.
6. PARALLEL SEPARATION BETWEEN WATER AND SEWER MAINS WILL BE 10 FEET. SEWER MAINS CROSSING WATER MAINS MUST MAINTAIN A MINIMUM VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE WATER MAIN AND THE TOP OF THE SEWER MAIN.
7. CONTRACTOR SHALL INSTALL MANHOLE FRAME AND COVERS OUTSIDE OF PAVED AREAS SHALL BE 3 INCHES ABOVE THE APPROVED PLAN FINISHED GRADE.
8. SEWER INSPECTIONS MUST BE REQUESTED BY CONTRACTOR BY CONTACTING THE CITY OR COUNTY INSPECTIONS DEPARTMENT.
9. FOR PROJECTS WITH ON-SITE SEPTIC SYSTEMS, THE OWNER IS RESPONSIBLE FOR THE PROPER PERMIT. THE PERMIT ISSUED BY THE LOCAL ENVIRONMENTAL HEALTH DEPARTMENT SUPERCEDES INFORMATION ON THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET THE REQUIREMENTS OF THE PERMIT.

EARTHWORK:

1. ALL UNSUITABLE MATERIAL MUST BE REMOVED FROM THE SITE AND REPLACED WITH SUITABLE MATERIAL.
2. SOILS CLASSIFICATIONS ARE AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLANS.
3. CONTRACTOR MUST PROVIDE CERTIFIED COMPACTION TEST RESULTS OF SUBGRADE AND BASE MATERIAL FROM AN INDEPENDENT AND QUALIFIED LABORATORY.

WATER NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF PORT WENTWORTH WATER AND WASTEWATER SPECIFICATIONS,
2. PVC PIPE USED FOR WATERMAINS WILL BE BLUE IN COLOR WITH BELLED ENDS FOR PUSH ON TYPE JOINTING. THE PIPE WILL BEAR THE SEAL OF THE NATIONAL SANITATION FOUNDATION AND CONFORM TO ALL REQUIREMENTS OF AWWA C-900 LATEST REVISION.
3. 4 INCH TO 12 INCH PIPE WILL BE CLASS 150 WITH A DIMENSION RATION (DR) OF 18.
4. 14 INCH TO 16 INCH PIPE WILL CONFORM TO AWWA C-905 AND HAVE A DIMENSION RATION OF 18.
5. 2 INCHES AND SMALLER WILL CONFORM TO THE FOLLOWING SPECIFICATIONS 02510 SECTION 2.01 E & F IN THE CITY OF PORT WENTWORTH COMPREHENSIVE DEVELOPMENT MANUAL.

COPPER TUBING

Type K copper 3 inches and smaller shall conform to AWWA Specification 7S-CR, ASTM Specifications B-88, and Federal Specification WW-T-799. All service lines from the main to the meter up to 1" shall be copper tubing. Service lines from 1-1/4" up to 3" can be copper tubing or HDPE water service tubing as defined below.

PLASTIC SDR 9 HDPE WATER SERVICE TUBING (C901)

Polyethylene Copper Tube Size Water Service Tubing - 3 inches and Smaller may be used in lieu of copper tubing except as defined above. Pipe shall be manufactured from a PE 3408 resin listed with the Plastic Pipe Institute (PPI) as TR-4. The resin material will meet the specifications of ASTM D3350-02 with a cell classification of PE:345464C. Pipe shall have a manufacturing standard of ASTM D2737 (CTS). Pipe shall be DR 9 (200psi WPR) @ 73.4 degrees F unless otherwise specified on the plans. The pipe shall contain no recycled compounds except that generated in the manufacturer's own plant from resin of the same specification from the same raw material. All pipes shall be suitable for use as pressure conduits, and per AWWA C901, have nominal burst values of three times the Working Pressure Rating (WPR) of the pipe. Pipe shall also have the following agency listing of NSF 61. The pipe shall be Driscoplex 5100 Ultra-Line or approved equal.

6. DETECTABLE MYLAR ENCASED ALUMINUM FOIL MARKING TAPE WILL BE INSTALLED OVER ALL PLASTIC WATER LINES. THE TAPE WILL BE "SAFETY BLUE" IN COLOR, 2.5 INCHES WIDE AND WILL BEAR THE PRINTED IDENTIFICATION "CAUTION: WATER LINE BURIED BELOW". TRACER WIRE WILL ALSO BE INSTALLED CONTINUOUSLY OR PROPERLY SPLICED AND BE NO. 12 AWG SOLID STRAND, PLASTIC COATED. THIS WIRE WILL ALSO BE INSTALLED OVER ALL SERVICES.
7. FIRE HYDRANTS WILL CONFORM TO THE LATEST REVISION OF AWWA C-502. LARGE DISCHARGE SHALL BE 18 INCHES ABOVE FINISHED GRADE.
8. PARALLEL SEPARATION BETWEEN WATER AND SEWER MAINS WILL BE 10 FEET. SEWER MAINS CROSSING WATER MAINS MUST MAINTAIN A MINIMUM VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE WATER MAIN AND THE TOP OF THE SEWER MAIN. FOR VERTICAL SEPARATIONS LESS THAN 18 INCHES, REFER TO THE THE CITY OR COUNTY WATER AND SEWER DEPT.
9. THE CONTRACTOR SHALL PRESSURE TEST THE PIPE AT 150 PSI FOR A MINIMUM OF 2 HOURS. IF LEAKS ARE DETECTED, THE CONTRACTOR WILL LOCATE, REPAIR AND RETEST UNTIL SATISFACTORY RESULTS ARE ACHIEVED. THE ALLOWABLE LEAKAGE WILL NOT EXCEED 11.65 GPD/MILE/INCH OF NOMINAL DIAMETER AT A PRESSURE OF 150 PSI. REFER TO AWWA C600 AND AWWA C605.
10. CONTRACTOR MUST DISINFECT ALL NEWLY INSTALLED POTABLE WATER LINES. A MINIMUM OF 48 HOURS PRIOR TO CHLORINATION, THE CONTRACTOR MUST CONTACT THE CITY OF PORT WENTWORTH UTILITY INSPECTOR. REFER TO AWWA C651 AND EPD RULES FOR SAFE DRINKING WATER.

ROADS AND DRAINAGE:

1. ROADWAY FILL MATERIAL SHALL BE FREE OF ALL DEBRIS AND ORGANIC MATERIAL AND BE SUITABLE FOR ROAD CONSTRUCTION PURPOSES AS DETERMINED BY THE DESIGN ENGINEER AND/ OR THE CITY OR COUNTY PLANNING DIRECTOR OR INSPECTOR.
2. ALL STORM PIPE JOINTS LOCATED UNDER PAVEMENT MUST BE WRAPPED IN FILTER CLOTH.
4. ELEVATIONS SHOWN FOR MANHOLES AND INLETS MAY NEED FIELD ADJUSTMENT. CONTRACTOR SHALL MAKE THESE ADJUSTMENTS TO MATCH PAVEMENT GRADES AT NO ADDITIONAL COST.
5. ALL PIPE RUNS ENDING IN PONDS OR OUTFALL DITCH SHALL END IN A GDOT APPROVED FLARED END SECTION. ALL FLARED END SECTIONS SHALL BE CONCRETE AND WHERE CONNECTED TO HDPE PIPE, AN APPROVED ADAPTER MUST BE USED.
6. WHERE WATER MAINS OR SANITARY SEWER FORCEMAINS ARE CROSSING STORM DRAIN PIPE, THE CONTRACTOR MUST CONSTRUCT CROSSING PER CITY OF PORT WENTWORTH UTILITY ORDINANCE REQUIREMENTS.
7. THE SUBGRADE SHALL BE PROOFED ROLLED WITH A LOADED TANDEM AXLE DUMP TRUCK IN THE PRESENCE OF DESIGN ENGINEER OR ON-SITE TESTING COMPANY RESPRESENTATIVE TO IDENTIFY AREAS THAT NEED REMEDIAL WORK. CITY OF PORT WENTWORTH FACILITY INSPECTOR MUST BE PRESENT FOR ALL PROOF ROLLS.
8. ALL UNSUITABLE MATERIAL MUST BE REMOVED FROM THE SITE AND REPLACED WITH SUITABLE MATERIAL.
9. UNSUITABLE FILL BENEATH BUILDING PADS AND PAVED SURFACES MUST BE EXCAVATED AND REPLACED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
10. ALL UNDERGROUND UTILITY CROSSINGS MUST BE INSTALLED PRIOR TO PREPARATION OF ROADWAY SUBGRADE.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS TO WORK WITHIN THE CITY, COUNTY OR STATE RIGHT-OF-WAY.

LANDSCAPING NOTES:

A. GRADING NOTES:

1. CONTRACTOR TO GRADE ALL AREAS SHADED IN THE PLAN, INCLUDING ROW. TOP SOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED AND REDISTRIBUTED OVER GRADED AREAS. PROVIDE EROSION AND SEDIMENTATION CONTROLS AROUND STOCKPILES DURING CONSTRUCTION.
2. TILL SOIL TO A DEPTH OF 4" MINIMUM.
3. REMOVE ALL ROCKS LARGER THAN 1" MEASURED IN LARGEST DIRECTION.
4. GRADE ALL AREAS TO MAINTAIN POSITIVE SLOPE AWAY FROM BUILDING.
5. ALL GRADED AREAS TO RECEIVE SEED OR SOD, TOP SOIL, STRAW AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

B. LAWN SEEDING AND SODDING NOTES:

1. ALL LAWNS FROM FACE OF THE BUILDING AND ON THE SIDE WHERE THERE IS PARKING OR A STREET ARE REQUIRED TO BE FULLY SODDED. ALL OTHER LANDSCAPE AREAS TO RECEIVE SEED.
2. AREAS TO RECEIVE SEED OR SOD SHALL BE CLEAN OF DEBRIS AND FREE OF WEEDS.
3. SEED MIX TO BE DROUGHT TOLERANCE FESCUE OR REGIONAL SPECIFIC BLEND. ¼ TO ½ OF THE SEED MIXTURE TO BE ANNUAL RYE TO AIDE IN LIMITING EROSION OF PERENNIAL SEED DURING GERMINATION.
4. STRAW SHALL BE THRESHED STRAW OF HAY, OATS, WHEAT, BARLEY, OR RYE. SPREAD AT A RATE OF 2 1/2 TONS PER ACRE. STRAW, NETTING, AND OTHER ANTI-EROSION MATERIALS TO BE REMOVED AFTER ESTABLISHED LAWN.
5. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER SEEDING. WATER REGULARLY TO KEEP LAWN AREAS MOIST TO MAXIMIZE GERMINATION AND MAINTAIN OPTIMUM GROWTH AND SURVIVAL TO ACHIEVE AN ACCEPTABLE STAND OF ESTABLISHED LAWN PRIOR TO THE STORE POSSESSION DATE, FREE OF ERODED OR BARE AREAS.

C. LANDSCAPE NOTES:

1. PROVISIONS FOR LOCAL AND/OR REGIONAL REQUIREMENTS, INCLUDING IRRIGATION, ARE NOT SHOWN ON THESE DRAWINGS. DEVELOPER SHALL PROVIDE LANDSCAPING IN ACCORDANCE WITH JURISDICTION REQUIREMENTS.
2. ALL SOIL USED FOR PLANTING SHALL CONSIST OF REGIONALLY APPROPRIATE SOILS.
3. ALL PLANTING BEDS SHALL HAVE A MINIMUM 3" DEPTH OF MULCH, WITH EDGING AS REQUIRED.
4. ALL TREES LOCATED IN SOD AREAS SHALL HAVE A MULCH RING AROUND THEM WITH EDGING.
5. ALL PLANTINGS SHALL BE THOROUGHLY WATERED BY THE LANDSCAPE CONTRACTOR AT THE TIME OF THE PLANTINGS.
6. PRIOR TO FINAL ACCEPTANCE OF STORE BY ONWER, THE SITE SHALL BE CLEAN OF ALL DEBRIS AND TRASH, AND MEET ALL REQUIREMENTS OUTLINED IN SECTIONS A-C ABOVE.
7. MAXIMUM SLOPE CUTS SHALL NOT EXCEED 4:1. ALL DISTURBED GRADES GREATER THAN 8:1 SHALL BE STABILIZED BY SODDING. SODDING PINS ARE TO BE USED ON ALL 4:1 GRADES.
8. VEGETATION AT ENTRY SHOULD BE LOW TO ENSURE VISIBILITY OF BUILDING.
9. IF TREES ARE REQUIRED IN FRONT OF BUILDING, SELECT SMALL LEAFED, NON DENSE SPECIES THAT WILL NOT INTERFERE WITH THE VISIBILITY OF STORE. THE SPACING SHALL CREATE VISUAL CORRIDORS TO BUILDING.

D. IRRIGATION NOTES:

1. ALL LANDSCAPE AREAS AND LAWNS ADJACENT TO PAVED AREAS AND/OR STREETS ARE TO BE FULLY IRRIGATED.
2. IRRIGATION SYSTEM TO INCLUDE ALL SPRAY HEADS, VALVES AND CONTROLLERS.
3. A SEPARATE METER AND BACKFLOW PREVENTER WILL BE REQUIRED.
4. LOCATE HEADS A MINIMUM OF 2'-0" FROM EDGE OF PAVEMENT / CURB.

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENBAUM

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

GENERAL CONSTRUCTION NOTES

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: NA

SHEET 2 OF 25

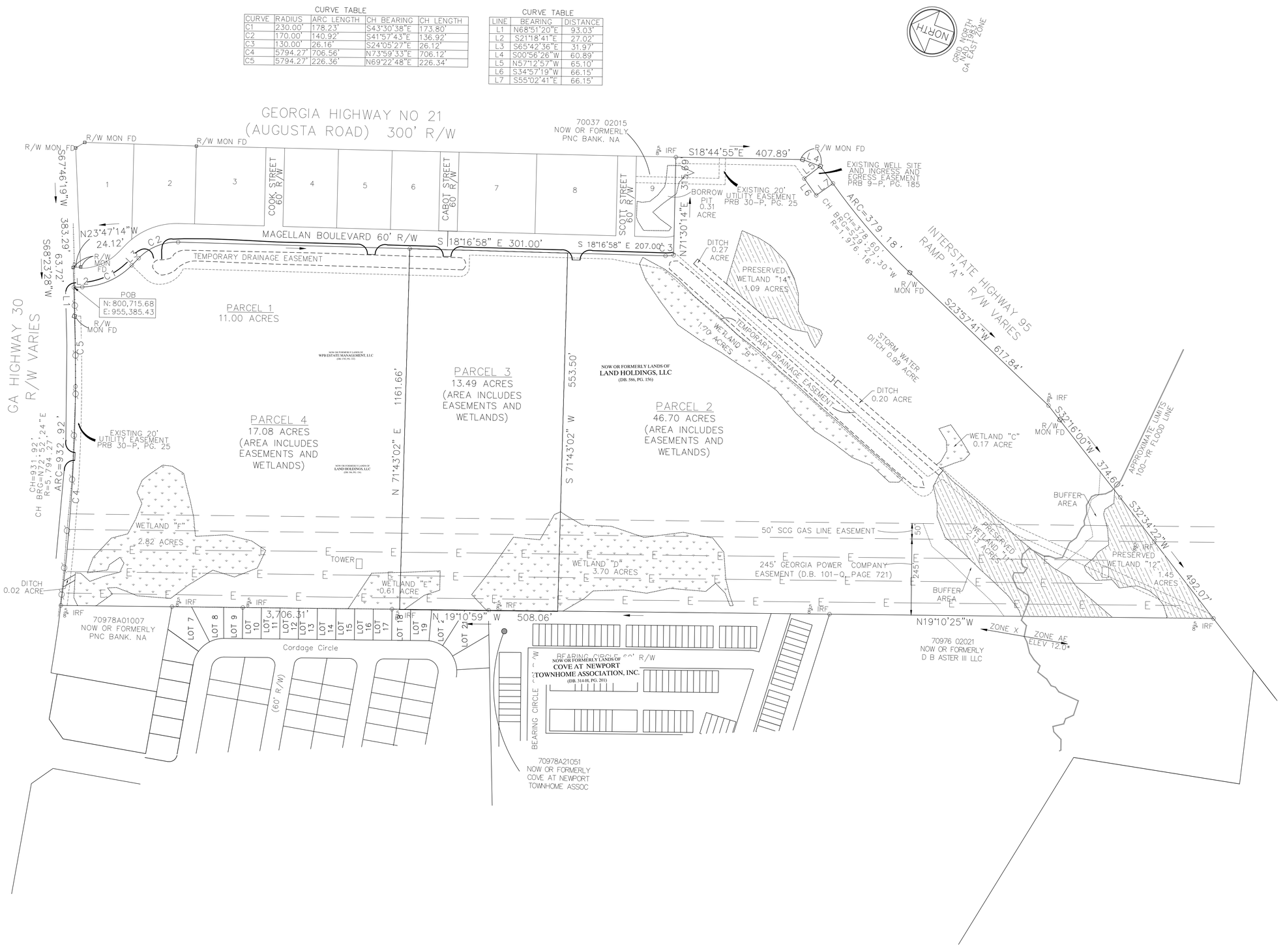
Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CH BEARING	CH LENGTH
C1	230.00'	178.23'	S43°30'38"E	173.80'
C2	170.00'	140.92'	S41°57'43"E	136.92'
C3	130.00'	26.16'	S24°05'27"E	26.12'
C4	5794.27'	706.56'	N73°59'33"E	706.12'
C5	5794.27'	226.36'	N69°22'48"E	226.34'

CURVE TABLE

LINE	BEARING	DISTANCE
L1	N68°51'20"E	93.03'
L2	S21°18'41"E	27.02'
L3	S65°42'36"E	31.97'
L4	S00°56'26"W	60.89'
L5	N57°12'57"W	65.16'
L6	S34°57'19"W	66.15'
L7	S55°02'41"E	66.15'



GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER AUTHENTICATED
Peter Schoenagel
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA
OVERALL SITE

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: NA

SHEET 3 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021.Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

NEWPORT SUBDIVISION

LOT 16 | LOT 17 | LOT 18 | LOT 19 | LOT 20 | LOT 21

WETLAND "E"
0.61 ACRE

WETLAND "E"
PARCEL 3
0.26 ACRES
(SCLAED~P.B. 52, PG. 428)

1/2" PIPE, SET

N 71°43'02" E 628.16'

NOW OR FORMERLY LANDS OF
LAND HOLDINGS, LLC
(DB. 586, PG. 156)

CLEARING LIMITS

1/2" PIPE, SET

60.00'

50' SCG GAS LINE EASEMENT
(P.B. 52, PG. 428)

245' GEORGIA POWER COMPANY EASEMENT (D.B. 101-Q, PG. 721)

50' SCG GAS LINE EASEMENT

508.06'

GEORGIA POWER COMPANY
EASEMENT (D.B. 101-Q, PG. 721)

N 19°10'59" W

301.00'

S 18°16'58" W 210.00'

CLEAR WHOLE SITE EXCEPT FOR WETLANDS AND EASEMENT AREAS ON THE WESTERN PORTION OF THE SITE.

PARCEL 3A
9.81 ACRES (TOTAL)

S63°16'58"E
35.36'

N71°43'02"E

448.50'

ACCESS EASEMENT

1/2" PIPE, SET

S 71°43'02" W 533.50'

PARCEL 3
13.49 ACRES
(AREA INCLUDES EASEMENTS AND WETLANDS)

NOW OR FORMERLY LANDS OF
WPB ESTATE MANAGEMENT, LLC
(DB. 1782, PG. 222)

N 799744.01
E 955868.11

1/2" PIPE, SET
5/8" REBAR, FOUND
1.2' NORTHERLY

N 71°43'02" E 533.50'

PARCEL 3B
3.69 ACRES

REMOVE EXISTING DRIVEWAY PAVEMENT AND CURB AND GUTTER. REPLACE WITH NEW CURB AND GUTTER TO MATCH EXISTING.

MAGELLAN BOULEVARD 60' R/W

S 18°16'58" E 301.00'

MAGELLAN BOULEVARD
(60' RIGHT-OF-WAY~P.B. 52, PG. 428)

CABOT STREET
(60' RIGHT-OF-WAY~P.B. 52, PG. 428)

CI
TOP:15.68'
TH:14.86'
IE(W):9.86'
IE(E):11.45'

CI
TOP:15.76'
TH:14.95'
IE(W):11.49'
IE(E):11.44'
IE(SE):11.31'

STMH – CIA
RIM = 14.86'
INV. OUT = 10.23'

STMH – CIA
RIM = 14.63'
INV. IN = 10.44'
INV. OUT = 10.39'

WMH
TOP:16.30'

WMH
TOP:16.15'

EX. FIRE HYDRANT

BENCHMARK
MINI MAG IN SIDEWALK
ELEV. = 15.63'

CI
TOP:15.92'
TH:15.26'
IE(W):8.88'
IE(E):9.27'

24" RCP
(TERMINUS UNKNOWN)

CI
TOP:15.75'
TH:15.04'
IE(W):8.45' 48" RCP
IE(S):7.98' 48" RCP
IE(E):8.34' 48" RCP

STMH – CIA
RIM = 14.70'
INV. IN = 10.25'
INV. OUT = 9.34'

1/2" PIPE, SET

EX. 8" WATER MAIN
APPROX. LOCATION

EX. 8" RE-USE WATER MAIN
APPROX. LOCATION

S 18°16'58" E 207.00'

STORM DRAIN
TOP:17.17'
IE(S):7.87'
IE(N):7.80'

N 799266.66
E 956027.49

1/2" PIPE, SET
5/8" REBAR, FOUND
2.6' SOUTHERLY
5/8" REBAR, FOUND
0.8' SOUTHERLY

CI
TOP:15.71'
TH:14.98'
IE:7.86'

STMH – CIA
INV. IN = 7.82'
INV. OUT = 7.17'

SCOTT STREET
(60' RIGHT-OF-WAY~P.B. 52, PG. 428)

STMH
RIM = 14.66'
INV. = 6.65'

48" RCP
INV. = 7.43'

N71°30'14"E 315.69'

NOW OR FORMERLY LANDS OF
COVE AT NEWPORT
HOME ASSOCIATION, INC.
(DB. 314-H, PG. 201)

WETLAND "D"
PARCEL 3
1.26 ACRES
(SCLAED~P.B. 52, PG. 428)

1/2" PIPE, SET

WETLAND "D"
PARCEL 2
2.44 ACRES
(SCLAED~P.B. 52, PG. 428)

WETLAND "D"
3.70 ACRES

JURISDICTIONAL WETLANDS: DO NOT DISTURB

S 71°43'02" W 1153.68'

NOW OR FORMERLY LANDS OF
LAND HOLDINGS, LLC
(DB. 586, PG. 156)

PARCEL 2
46.70 ACRES
(AREA INCLUDES EASEMENTS AND WETLANDS)

GRAPHIC SCALE
0 50 75 100
(IN FEET)
SCALE: 1" = 50'

BEARING CIRCLE 60' R/W

THE REMAINING UNDEVELOPED PORTION OF THE SITE IS OWNED BY:
SHAYANAM, LLC
4679 US HIGHWAY 17
RICHMOND HILL, GA 31324

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAGLEN

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV:	DATE:	BY:	DESCRIPTION
1	5-8-21	PSS	REVISED PER CITY OF PORT WENTWORTH COMMENTS
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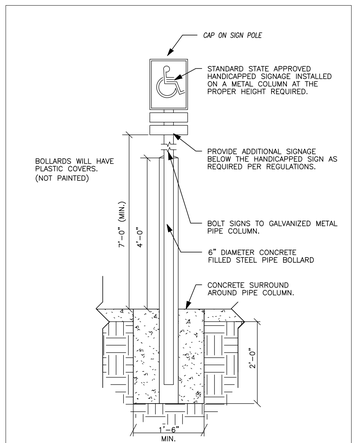
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

EX. CONDITIONS & DEMOLITION PLAN

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 4 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



NOTE:
ALL SIGNAGE REQUIRED FOR HANDICAP ACCESS SHALL MEET STATE AND FEDERAL REQUIREMENTS.

HC PARKING SIGN DETAIL
NTS

PAVEMENT DETAILS

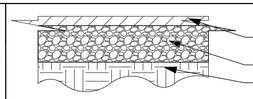
DETAILS ARE REQUIREMENTS AND MAY INCREASE OR DECREASE WITH VARIOUS SOIL CONDITIONS. A GEOTECHNICAL INVESTIGATION WITH PAVEMENT DESIGN RECOMMENDATIONS SHALL BE COMPLETED FOR EACH DEVELOPMENT. THE FOLLOWING DETAILS ARE MINIMUM REQUIREMENTS. INCREASED RECOMMENDATIONS ARE TO BE USED.

THE SUBGRADE MATERIALS SHALL BE PROOF ROLLED AND/OR SCARIFIED AND COMPACTED PRIOR TO PLACEMENT OF BASE MATERIAL. WHERE EXISTING SUBGRADE MATERIALS ARE UNSUITABLE, THEY SHALL BE REMOVED AND REPLACED WITH COMPACTED SELECT MATERIAL IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS.

HEAVY DUTY CONCRETE PAVEMENT AND STANDARD DUTY CONCRETE PAVEMENT (AS RECOMMENDED BY THE GEOTECHNICAL REPORT OR REQUIRED MINIMUMS) SHALL BE STEEL REINFORCED. REINFORCEMENT TYPE SHALL BE PRIOR APPROVED BY ENGINEER.

CONCRETE PAVEMENT PLAN SHALL BE PROVIDED TO ENGINEER FOR PRIOR APPROVAL. ALL JOINTS MUST BE SEALED WITH AN APPROVED SEALANT. STEEL REINFORCING SHALL BE USED AT JOINTS. REFER TO ACI 330R (GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS) FOR JOINT DESIGN AND LAYOUT.

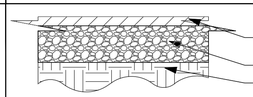
ASPHALT PAVEMENT



STANDARD DUTY ASPHALT DETAIL
SCALE: NOT TO SCALE

SPEC FOR HOTEL SITE

ASPHALT PAVEMENT



STANDARD DUTY ASPHALT DETAIL
SCALE: NOT TO SCALE

SPEC FOR ALL AREAS OUTSIDE OF HOTEL SITE

CONCRETE PAVEMENT SPECS:

HEAVY DUTY– LOADING AREA, DUMPSTER PAD AND APRON:
MINIMUM 6" THICK, 4,000 PSI CONCRETE SLAB
4" CRUSHED STONE BASE
PORTLAND TYPE 1 CEMENT

STANDARD DUTY
MINIMUM 5" THICK, 4,000 PSI CONCRETE SLAB
4" CRUSHED STONE BASE
PORTLAND TYPE 1 CEMENT

PEDESTRIAN SIDEWALKS:
SEE DETAIL SHEETS
*FOR ADDITIONAL INFORMATION REFER TO GEOTECHNICAL REPORT

(DB. 1782, PG. 222)

N 71°43'02" E 533.50'

1/2" PIPE, SET

TEMPORARY TURN–AROUND GRAVEL SURFACE

DUMPSTER ENCLOSURE AND STORAGE ROOM. SEE ARCHITECTURAL PLANS FOR DETAILS.

DUMPSTER

N 799744.01
E 955868.11

1/2" PIPE, SET
5/8" REBAR, FOUND
2.3' NORTHERLY

85.00' DRAINAGE EASEMENT

MAGELLAN BOULEVARD 60' R/W

S 18°16'58" E 301.00'

301.00'

N 18°16'58" W

S 18°16'58" E 216.00'

R1–1 36" STOP SIGN (TYPE 11 SHEETING) & 24" STOP BAR

3' VALLY GUTTER (TYPICAL)

HC RAMP (TYP.)

SEE DETAIL P–7 FOR CONCRETE SWALE WITH FILLETS (TYPICAL) SEE SHEET 25

PROPOSED 4– STORY HOTEL

PARCEL 3B
3.69 ACRES

237.31'

204.54'

7.18'

HC RAMP

CONC.

BRICK PAVERS

7 S63°16'58"E 55.36'

5' CONC. SIDEWALK

5' WALK

N71°43'02"E

448.50'

EX. SIDEWALK

10.42'

47.42'

3' VALLY GUTTER (TYPICAL)

MAGELLAN BOULEVARD (60' RIGHT-OF-WAY–P.B. 52, PG. 428)

ACCESS EASEMENT

SIDEWALK ON THIS SIDE OF ROAD TO BE PART OF FUTURE DEVELOPMENT

1/2" PIPE, SET

S 71°43'02" W 533.50'

SEE DETAIL P–7 (SH. 25) FOR CONCRETE SWALE WITH FILLETS (TYPICAL)

HANDICAP CURB RAMPS:

1. ALL HC RAMPS MUST BE ADA COMPLIANT
2. REFER TO SHEET 25 FOR DETECTABLE WARNING SURFACE REQUIREMENTS.

PARKING SUMMARY:

PARKING SPACES REQUIRED:
1 SPACE/ROOM
110 ROOMS: 110 SPACES REQUIRED

PROVIDED SPACES=110 INCLUDING 5 HC SPACES

SETBACKS:

FRONT: 30' MEASURED FROM CENTERLINE OF ROAD
SIDE: 10'
REAR: 0'

1153.68'

N 799261.66
E 956027.49

1/2" PIPE, SET
5/8" REBAR, FOUND
2.6' SOUTHERLY
5/8" REBAR, FOUND
0.8' SOUTHERLY

S 18°16'58" E 207.00'

GRAPHIC SCALE
0 30 45 60
(IN FEET)
SCALE: 1" = 30'

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAR

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5–8–21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

STAKING PLAN

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 5 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

SEE SHEET 9 FOR STORMDRAIN STRUCTURE SCHEDULE AND PROFILES.

GRAPHIC SCALE
0 30 45 60
(IN FEET)
SCALE: 1" = 30'

PROPOSED 4 - STORY HOTEL

FFE=20.0

52 LF 15" RCP @ 0.20%
100 LF 18" RCP @ 0.20%
23 LF 15" RCP @ 0.20%
72 LF 15" RCP @ 0.18%
24 LF 18" RCP @ 0.20%
40 LF 12" HDPE
128 LF 18" RCP @ 0.20%
110 LF 18" RCP @ 0.20%
82 LF 24" RCP @ 0.20%
82 LF 24" RCP @ 0.20%
88 LF 24" RCP @ 0.20%
58 LF 24" RCP @ 0.20%
103 LF 24" RCP @ 0.20%
92 LF 24" RCP @ 0.20%
58 LF 12" HDPE
30 LF 30" RCP @ 0.20%
24 LF 18" RCP @ 0.20%
24 LF 30" RCP @ 0.20%
295 LF 18" RCP @ 0.20%
24 LF 18" RCP @ 0.20%
68 LF 18" RCP @ 0.20%
214 LF 18" RCP @ 0.20%
225 LF 30" RCP @ 0.20%
40 LF 24" HDPE @ 1.25%
220 LF 24" RCP @ 0.20%
120 LF 24" RCP @ 0.20%
140 LF 24" RCP @ 0.20%
74 LF 12" HDPE
45 LF 12" HDPE
88 LF HDPE 12" HDPE FOR CONDENSATE DRAIN AND ROOF LEADER CONNECTIONS. SEE ARCHITECTURAL PLANS.
120 LF HDPE 12" HDPE FOR CONDENSATE DRAIN AND ROOF LEADER CONNECTIONS. SEE ARCHITECTURAL PLANS.
118 LF HDPE 12" HDPE FOR CONDENSATE DRAIN AND ROOF LEADER CONNECTIONS. SEE ARCHITECTURAL PLANS.
12" HDPE FOR CONDENSATE DRAIN AND ROOF LEADER CONNECTIONS. SEE ARCHITECTURAL PLANS.

18" ADS INLET, RIM ELEV=19.50 INV. EL=15.25
18" ADS INLET, RIM ELEV=19.30 INV. EL=15.00
18" ADS INLET, RIM ELEV=19.50 INV. EL=15.00
18" ADS INLET, RIM ELEV=19.3 INV. EL=15.50
18" ADS INLET, RIM ELEV=19.50 INV. EL=15.50
18" ADS INLET, RIM ELEV=19.20 INV. EL=15.00

ROOF DRAIN 1
ROOF DRAIN 2
ROOF DRAIN 3
ROOF DRAIN 4
HC RAMP
HC RAMP

TIE 12" HDPE TO POOL TRENCHDRAIN

MAX. 2% CROSS SLOPE AT PEDESTRIAN CROSSING

STORM DRAIN
TOP:17.17'
IE(S):7.87'
IE(N):7.80'

CONC. FLARED END SECTION SEE DETAIL SD 11 ON SHEET 24 INV EL=12.00

OUTLET CONTROL STRUCTURE SEE DETAIL SHEET 20

MAKE CONNECTION TO EX. INLET STRUCTURE. INV. EL=10.00

MAGELLAN BOULEVARD 60' R/W

24" RCP
48" RCP
IE:8.69

EOP 16.00

GEORGIA REGISTERED No. 38623 PROFESSIONAL ENGINEER PETER SCHOEN GUERRY

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

GRADING AND DRAINAGE PLAN

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 6 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

PROP. SSMH-6
RIM = 19.15
INV. IN = 9.84
INV. OUT = 9.74

STUB OUT WITH ONE PIPE JOINT. CAP END OF PIPE

PROPOSED TRANSFORMER

SEE DEAD-END RESTRAINT DETAIL SH. 23

PROVIDE 8" GATE VALVE AND BOX, 4' STUB WITH MECH. RESTRAINT CAP. MARK END OF PIPE WITH CONC. MONUMENT

CONC. VAULT

FIRE HYDRANT

8"GATE VALVE
8"X6" TEE

3/4" WATER SERVICE

SEE DEAD-END RESTRAINT DETAIL SH. 23

PROVIDE 6" GATE VALVE AND BOX, 4' STUB WITH MECH. RESTRAINT CAP. MARK END OF PIPE WITH CONC. MONUMENT

6" DDCV FOR FIRE SUPPLY

PIV & FDC

6" FIRE MAIN

4" WATER SERVICE

4" METER AND BACKFLOW FOR DOMESTIC SUPPLY SEE SHEETS 21 & 23 FOR DETAILS

126 LF 8" SDR 26 SEWER MAIN

1" IRRIGATION SERVICE

INV.=16.33

PROPOSED 4- STORY HOTEL

90 LF 8" SDR 26 SEWER SERVICE

PROP. SSMH-5
RIM = 19.30
INV. IN (E) = 9.24
INV. IN (W) = 9.24
INV. OUT = 9.14

1" METER AND RPZ FOR IRRIGATION

54 LF 6" SEWER SERVICE @ 1.0%

70 LF 8" SDR 26 SEWER MAIN

75 LF 3" RE-USE WATER SERVICE

64 LF 6" SEWER SERVICE @ 1.0%

6" SANITARY SEWER SERVICE W/ CLEAOUT

45° BEND

6" C900 RE-USE WATER MAIN USE PURPLE PIPE

PROPOSED FIRE HYDRANT

PROPOSED FIRE HYDRANT

122 LF 8" SDR 26 SEWER MAIN

IE:8.69

58 LF 6" SEWER SERVICE @ 1.0%

8" C900 WATER MAIN
785 LF TOTAL LENGTH

PROP. SSMH-4
RIM = 18.70
INV. IN (N) = 8.86
INV. IN (W) = 8.86
INV. OUT = 8.76

45° BEND

65 LF 8" SDR 26 SEWER MAIN

PROP. SSMH-3
RIM = 19.20
INV. IN = 8.50
INV. OUT = 8.40

6" SANITARY SEWER SERVICE W/ CLEAOUT

350 LF 8" SDR 26 SEWER MAIN

HYDRANT VALVE (TYPICAL)

58 LF 6" SEWER SERVICE @ 1.0%

PROP. SSMH-2
RIM = 17.50
INV. IN = 7.00
INV. OUT = 6.90

6" C900 RE-USE WATER MAIN USE PURPLE PIPE
745 LF TOTAL LENGTH

6" SANITARY SEWER SERVICE W/ CLEAOUT

MAINTAIN MINIMUM 3' HORIZONTAL SEPARATION BETWEEN WATER AND RE-USE WATER.

MIN. COVER OVER DOMESTIC WATER: 42 INCHES.
MIN. COVER OVER RE-USE WATER: 48 INCHES.

IRRIGATION DESIGN BY OTHERS

10' OPEN CUT ROAD AND REPLACE PER CITY PAVEMENT STD. REPLACE SIDEWALK AND CURB & GUTTER AS NECESSARY

PROP. SSMH-1
RIM = 16.00
INV. IN = 6.40
INV. OUT = 6.30

MAGELLAN BOULEVARD 60' R/W

CI
TOP:15.68'
TH:14.86'
IE(W):9.86'
IE(E):11.45'

24"RCP

CI
TOP:15.76'
TH:14.95'
IE(W):11.49'
IE(E):11.44'
IE(SE):11.31'

STMH - CIA
RIM = 14.86'
INV. OUT = 10.23'

WMH
TOP:16.30'

WMH
TOP:16.15'

STMH - CIA
RIM = 14.63'
INV. IN = 10.44'
INV. OUT = 10.39'

SSMH
(AIR RELEASE VALVE)

EXISTING GAS VALVE

WMH
TOP:15.63'

CABOT STREET
60' R/W

EX. FIRE HYDRANT

36" RCP

48"RCP

240 LF 8" SDR 26 SEWER MAIN

BENCHMARK
MINI MAG IN SIDEWALK
ELEV. = 15.63'

CI
TOP:15.92'
TH:15.26'
IE(W):8.88'
IE(E):9.27'

CI
TOP:15.75'
TH:15.04'
IE(W):8.45' 48" RCP
IE(S):7.98' 48" RCP
IE(E):8.34' 48" RCP

24" RCP
(TERMINUS UNKNOWN)

STMH - CIA
RIM = 14.70'
INV. IN = 10.25'
INV. OUT = 9.34'

EX. SSMH
RIM = 15.93'
INV IN = 4.71'
INV. OUT = 4.65'

CORE AND BOOT NEW 8" SEWER MAIN. INV=5.30

8"X8" HOT TAP
PROVIDE CONC. VAULT FOR VALVE
INSTALL 8" ISOLATION GATE VALVE
SEE DETAIL W-14 ON SHEET 21

RE-USE WATER
6"X6" HOT TAP
WITH 6" VALVE AND BOX

EX. 8" WATER MAIN
APPROX. LOCATION

EX. 8" RE-USE WATER MAIN
APPROX. LOCATION

STORM DRAIN
TOP:17.17'
IE(S):7.87'
IE(N):7.80'

GRAPHIC SCALE
0 30 45 60
(IN FEET)
SCALE: 1" = 30'

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENADER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

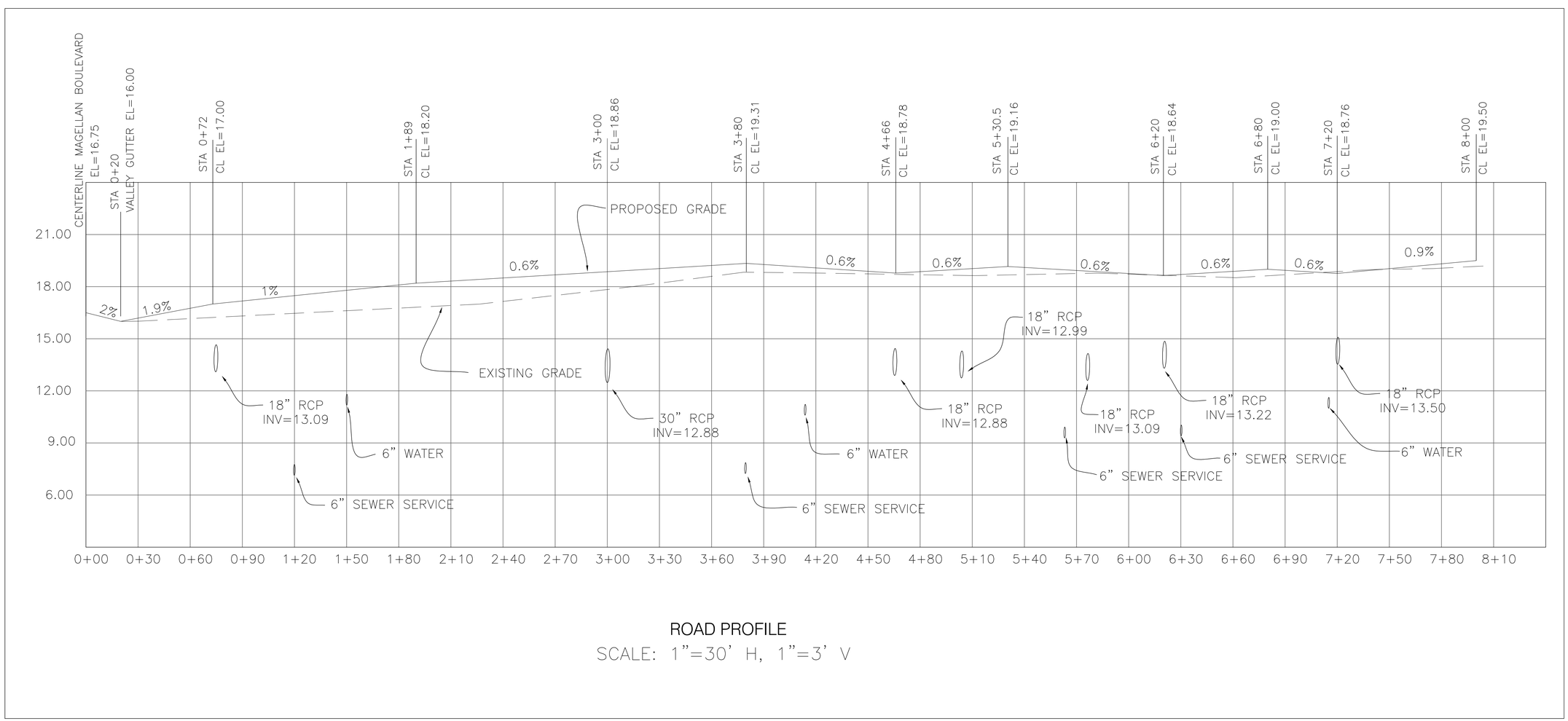
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

UTILITY PLAN

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 7 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



ROAD PROFILE

SCALE: 1"=30' H, 1"=3' V

GEORGIA REGISTERED No. 30621 PROFESSIONAL ENGINEER PETER SCHOENAGEL

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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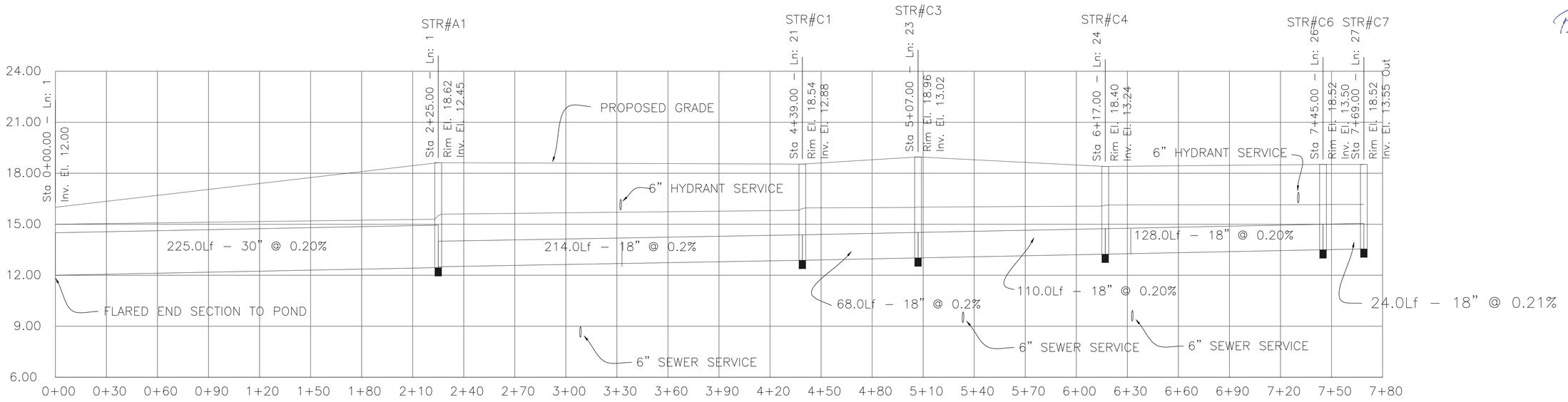
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

ROAD PROFILE

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 8 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



STORM DRAIN PROFILE: OUTFALL TO STRUCTURE C-7

SCALE: 1"=30' H, 1"=3' V

STORMDRAIN STRUCTURE SCHEDULE SERIES A:

STR#A1
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=18.62
INV EL=12.45

STR#A2
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=18.62
INV EL=12.50

STR#A3
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.95
INV EL=12.56

STR#A4
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.80
INV EL=12.68

STR#A5
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.80
INV EL=12.89

STR#A6
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.70
INV EL=13.05

STR#A7
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.45
INV EL=13.49

STR#A8
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.40
INV EL=13.77

STR#A9
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.90
INV EL=14.01

STR#A10
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.90
INV EL=14.21

STR#A11
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=18.30
INV EL=14.31

STR#A12
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=18.60
INV EL=14.46

STR#A13
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=18.30
INV EL=14.36

STORMDRAIN STRUCTURE SCHEDULE

SERIES B, C, AND D :

STR#B1
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=16.76
INV EL=13.04

STR#B2
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=16.76
INV EL=13.09

STR#C1
PORT WENTWORTH DETAIL
SD-1
EOP EL.=18.54
INV EL=12.88

STR#C2
PORT WENTWORTH DETAIL
SD-1
EOP EL.=18.54
INV EL=12.93

STR#C3
PORT WENTWORTH DETAIL
SD-12
RIM ELEV.=18.96
INV EL=13.02

STR#C4
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=18.40
INV EL=13.24

STR#C5
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=18.40
INV EL=13.29

STR#C6
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=18.52
INV EL=13.50

STR#C7
PORT WENTWORTH DETAIL
SD-1
EOP ELEV.=18.52
INV EL=13.55

STR#D1
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.95
INV EL=12.74

STR#D2
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=17.90
INV EL=12.90

STR#D3
GDOT STANDARD 1019A
TYPE-E
GRATE ELEV.=18.50
INV EL=13.07

GRAPHIC SCALE
0 30 45 60
(IN FEET)
SCALE: 1" = 30' HORIZ.
0 3 4.5 6
(IN FEET)
SCALE: 1" = 3' VERT.

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENMAN
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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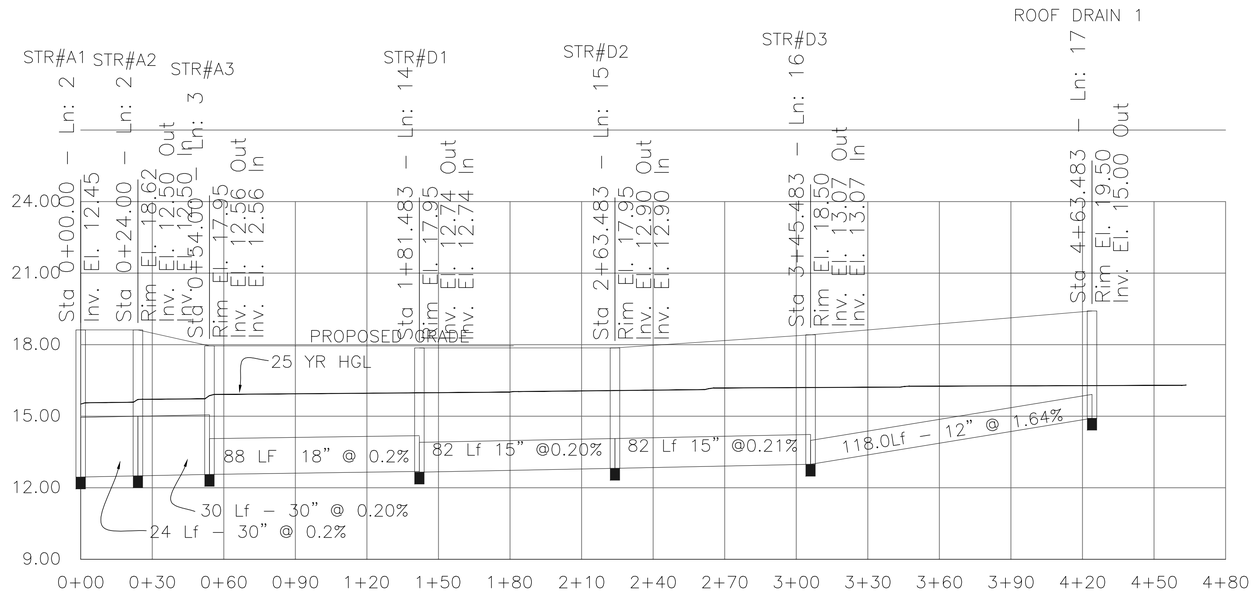
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

STORM DRAINAGE PROFILES

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

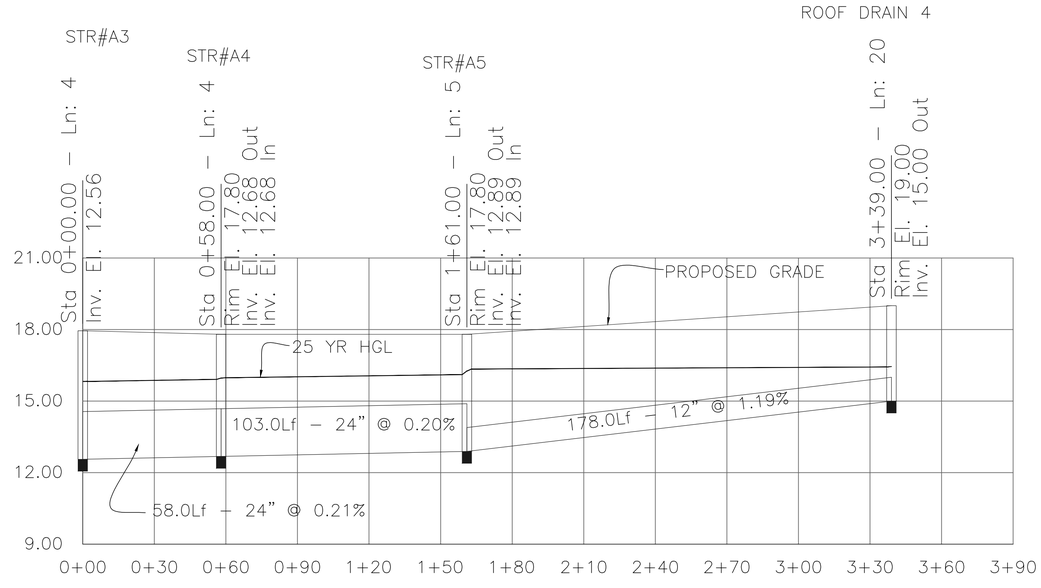
SHEET 9 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



STORM DRAIN PROFILE: STRUCTURE A1 -ROOF DRAIN 1

SCALE: 1"=30' H, 1"=3' V



STORM DRAIN PROFILE: STRUCTURE A3 -ROOF DRAIN 4

SCALE: 1"=30' H, 1"=3' V

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENBAUER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
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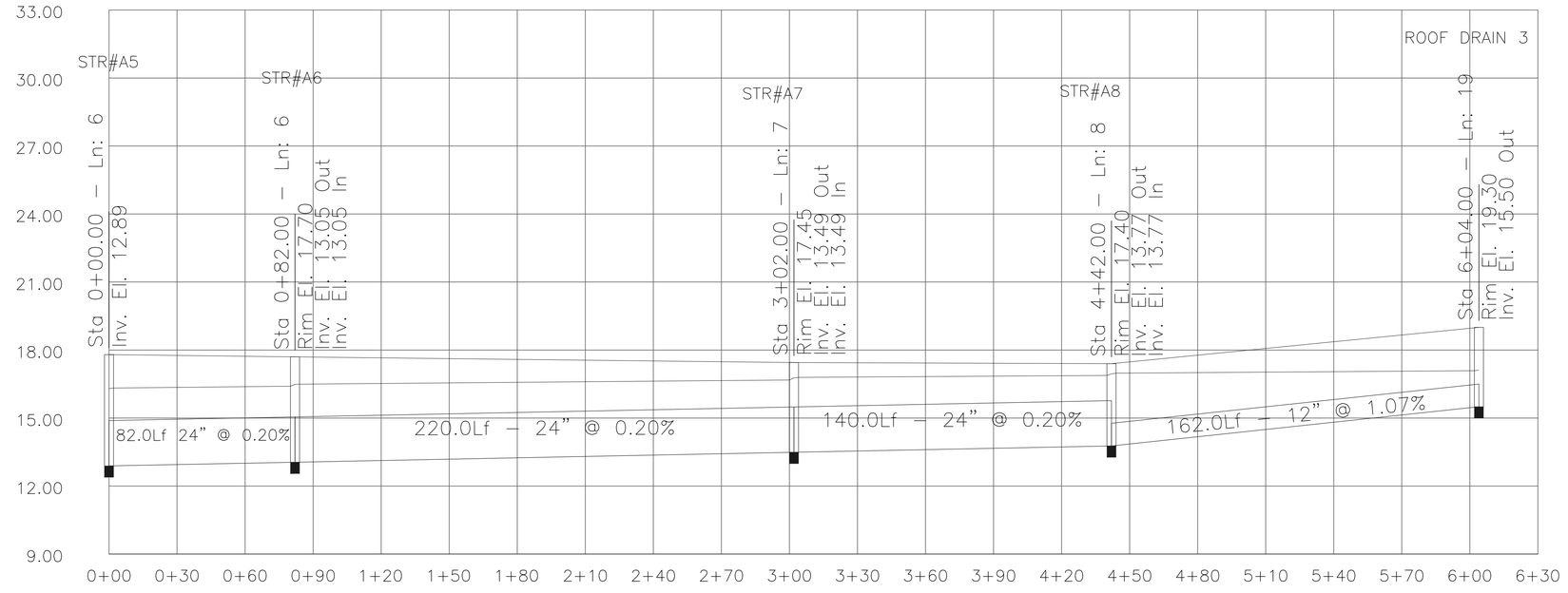
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

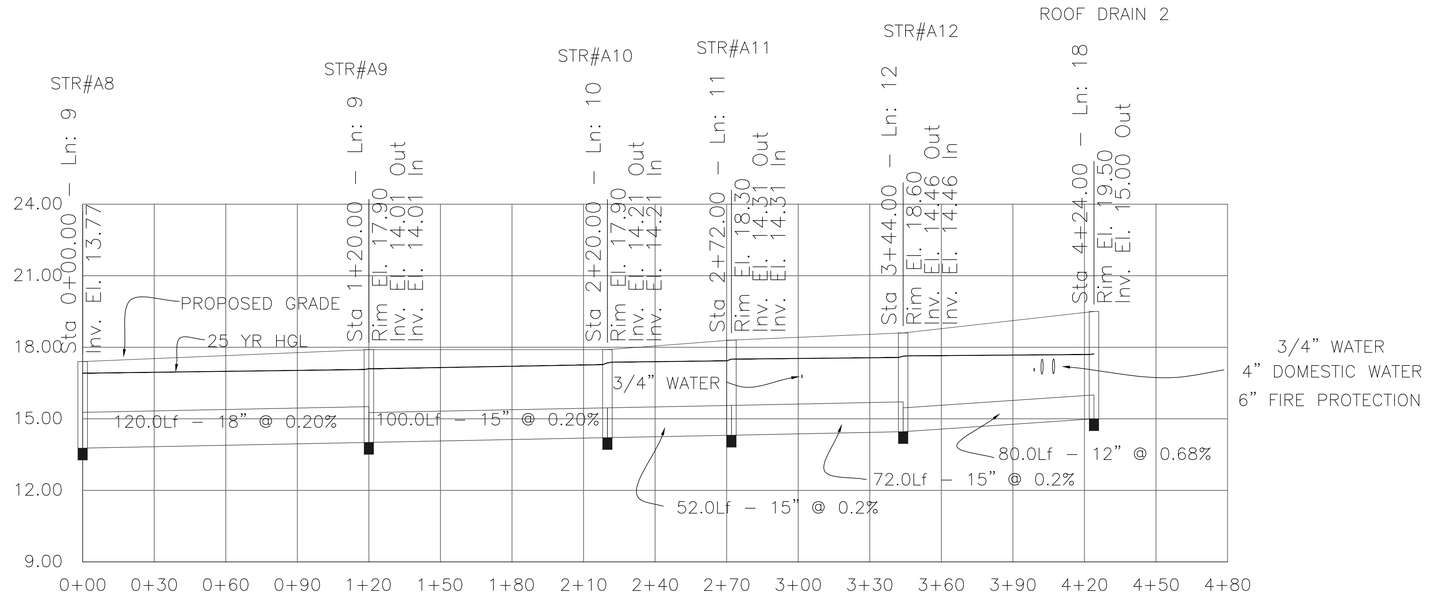
STORMDRAIN PROFILES 2

DRAWN:	pss
APPROVED:	pss
DATE:	01-15-21
PROJ#:	21-022
SCALE:	NA

SHEET
10 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)





STORM DRAIN PROFILE: STRUCTURE A8 -ROOF DRAIN 2

SCALE: 1"=30' H, 1"=3' V

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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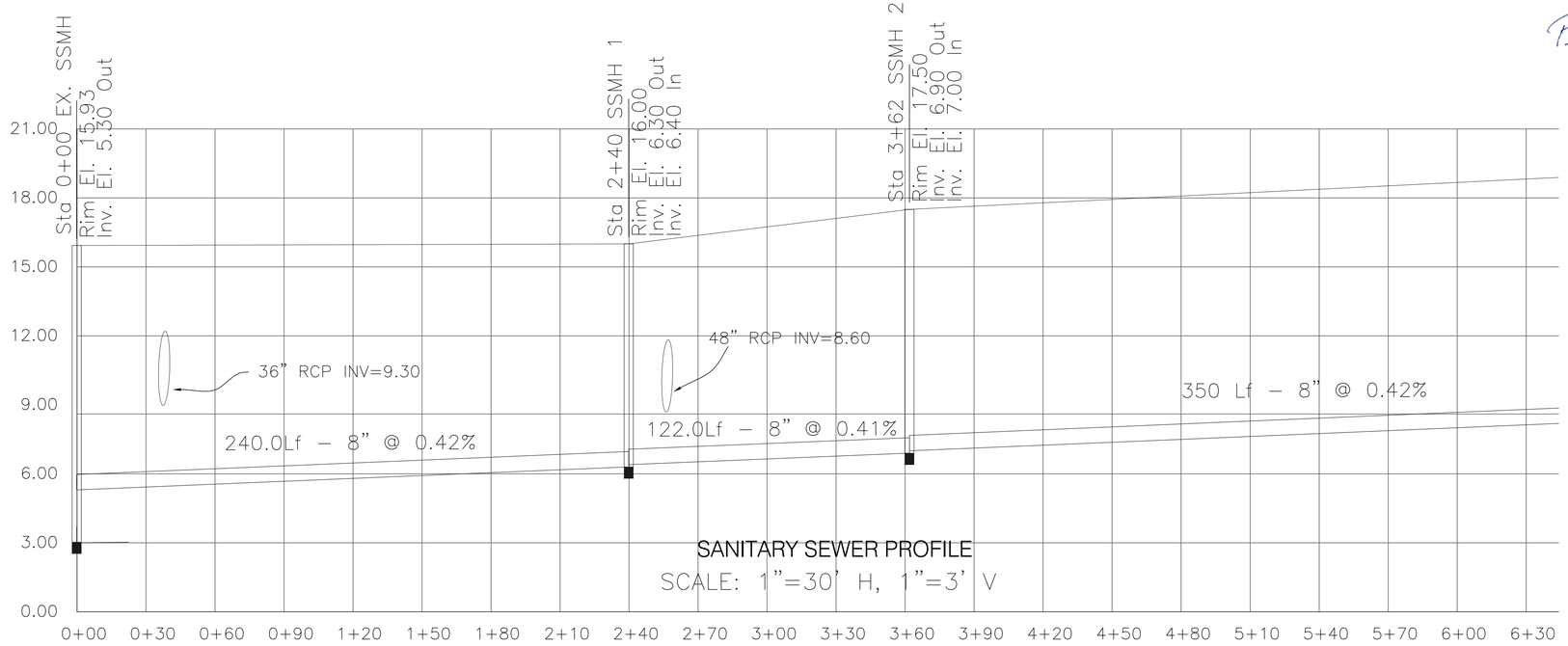
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

STORMDRAIN PROFILES 3

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: NA

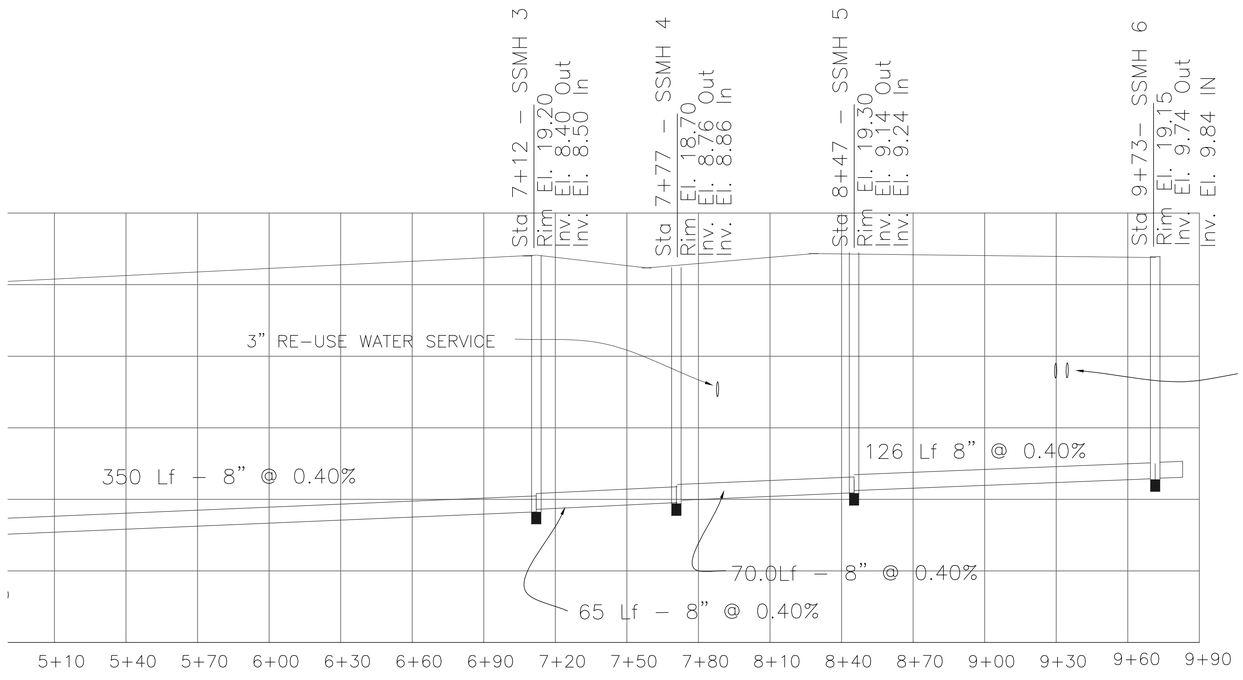
SHEET
11 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



SANITARY SEWER PROFILE

SCALE: 1"=30' H, 1"=3' V



SANITARY SEWER PROFILE

SCALE: 1"=30' H, 1"=3' V

GRAPHIC SCALE

0 30 45 60

(IN FEET)

SCALE: 1" = 30' HORIZ.

0 3 4.5 6

(IN FEET)

SCALE: 1" = 3' VERT.

GEORGIA REGISTERED No. 30923 PROFESSIONAL ENGINEER PETER SCHOENFUSS

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

SANITARY SEWER PROFILES

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 12 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

(DB. 1782, PG. 222)

628.16'

N71°47'11"E 1,161.66'

1/2" PIPE, SET

60.00'

N 71°43'02" E 533.50'

N 799744.01
E 955868.11

1/2" PIPE, SET
5/8" REBAR, FOUND
2.3' NORTHERLY

MAGELLAN BOULEVARD 60' R/W

S 18°16'58" E 301.00'

240.98'

301.00'

N 18°16'58" W

S18°16'58"E

195.93'

216.00'

50' SCG GAS LINE EASEMENT
(P.B. 52, PG. 428)

FINAL LANDSCAPE AND IRRIGATION
PLAN TO BE PROVIDED BY OTHERS.

PARCEL 3A
9.81 ACRES (TOTAL)

PROPOSED 4– STORY HOTEL

PARCEL 3B
3.69 ACRES

S63°16'58"E
35.36'

N71°43'02"E 427.29'

448.50'

ACCESS EASEMENT

60.00'

(60' RIGHT-OF-WAY–P.B. 52, PG. 428)

48"RCP

IE:8.69

1/2" PIPE, SET

S 71°43'02" W 533.50'

1/2" PIPE,

S18°12'49"E 508.00'

S 18°16'58" E 207.00'

STORM DRAIN
TOP:17.17'
IE(S):7.87'
IE(N):7.80'

N 799261.66
E 956027.49

1/2" PIPE, SET
5/8" REBAR, FOUND
2.6' SOUTHERLY
5/8" REBAR, FOUND
0.8' SOUTHERLY

S 71°43'02" W 1153.68'

S71°47'11"W 1,152.34'

GRAPHIC SCALE
0 30 45 60
(IN FEET)
SCALE: 1" = 30'

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

LANDSCAPE PLAN

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET
13 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

EROSION AND SEDIMENT CONTROL LEGEND

Ds1	DISTURBED AREA STABILIZATION (MULCH ONLY)
Ds2	DISTURBED AREA STABILIZATION (TEMPORARY SEEDING)
Ds3	DISTURBED AREA STABILIZATION (PERMANENT SEEDING)
Du	DUST CONTROL ON DISTURBED AREAS
Co	CONSTRUCTION EXIT
Sd1-NS	TYPE NON-SENSITIVE SILT FENCE
Sd1-S	TYPE SENSITIVE SILT FENCE
Sd2	INLET SEDIMENT TRAP
Sd2-F	INLET SEDIMENT TRAP
Sd2-Bg	BLOCK AND GRAVEL DROP INLET
St	OUTLET PROTECTION
Sk	SKIMMER

NOW OR FORMERLY LANDS OF
LAND HOLDINGS, LLC
(DB. 586, PG. 156)

NOW OR FORMERLY LANDS OF
WPB ESTATE MANAGEMENT, LLC
(DB. 1782, PG. 222)

WETLAND "E"
0.61 ACRE

WETLAND "E"
PARCEL 3
0.26 ACRES
(SCLAED~P.B. 52, PG. 428)

245' GEORGIA POWER EASEMENT (D.B. 101-Q, PG. 721)

50' SCG GAS LINE EASEMENT

50' SCG GAS LINE EASEMENT (P.B. 52, PG. 428)

GEORGIA POWER COMPANY EASEMENT (D.B. 101-Q, PG. 721)

PARCEL 3A
9.81 ACRES (TOTAL)

PARCEL 3B
3.69 ACRES

SOILS TYPE
Pn

SOILS TYPE
Oj

SOILS TYPE
Cc

ACCESS EASEMENT

MAGELLAN BOULEVARD 60' R/W

MAGELLAN BOULEVARD
(60' RIGHT-OF-WAY~P.B. 52, PG. 428)

CABOT STREET
(60' RIGHT-OF-WAY~P.B. 52, PG. 428)

SCOTT STREET
(60' RIGHT-OF-WAY~P.B. 52, PG. 428)

DOUBLE ROW TYPE-S WITHIN 200' OF WETLANDS

WETLAND "D"
PARCEL 2
2.44 ACRES
(SCLAED~P.B. 52, PG. 428)

WETLAND "D"
3.70 ACRES

WETLAND "D"
PARCEL 3
1.26 ACRES
(SCLAED~P.B. 52, PG. 428)

LIMITS OF DISTURBANCE=10.5 ACRES

EXCAVATE POND FOR SEDIMENT CONTROL

CONTRIBUTING BASIN AREA=10.5 ACRE

GPS COORDINATES FOR CONSTRUTION ENTRANCE:
32.1944°N, -81.1976°W

QUALIFIED PLAN PREPARER:
PETER SCHOENAUER, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
CERTIFICATION#08147
EXPIRES: 03/30/24

GRAPHIC SCALE
0 50 75 100
(IN FEET)
SCALE: 1" = 50'

NOTIFY ENGINEER FOR 7 DAY BMP INSPECTION
TIDEWATER ENGINEERING, INC. 912-268-2164

STORMWATER DISCHARGE POINT AND SAMPLING POINT

EX. 8" WATER MAIN APPROX. LOCATION

EX. 8" RE-USE WATER MAIN APPROX. LOCATION

EX. SSMH RIM = 15.93' INV IN = 4.71' INV. OUT = 4.65'

24" RCP (TERMINUS UNKNOWN)

STMH - CIA RIM = 14.70' INV. IN = 10.25' INV. OUT = 9.34'

STMH - CIA RIM = 14.63' INV. IN = 10.44' INV. OUT = 10.39'

SSMH (AIR RELEASE VALVE)

STMH - CIA RIM = 14.86' INV. OUT = 10.23'

CI TOP:15.68' TH:14.86' IE(W):9.86' IE(E):11.45'

CI TOP:15.76' TH:14.95' IE(W):11.49' IE(E):11.44' IE(SE):11.31'

CI TOP:15.92' TH:15.26' IE(W):8.88' IE(E):9.27'

CI TOP:15.75' TH:15.04' IE(W):8.45' 48" RCP IE(S):7.98' 48" RCP IE(E):8.34' 48" RCP

CI TOP:15.71' TH:14.98' IE:7.86'

STMH - CIA INV. IN = 7.82' INV. OUT = 7.17'

STMH RIM = 14.66' INV. = 6.65'

STORM DRAIN TOP:17.17' IE(S):7.87' IE(N):7.80'

BENCHMARK MINI MAG IN SIDEWALK ELEV. = 15.63'

5/8" REBAR FOUND 2.8' SOUTHERLY

5/8" REBAR, FOUND 0.8' SOUTHERLY

1/2" PIPE, SET

1/2" PIPE, SET 5/8" REBAR, FOUND 2.3' NORTHERLY

1/2" PIPE, SET

1/2" PIPE, SET

1/2" PIPE, SET

N 71°43'02" E 628.16'

N 71°43'02" E 533.50'

S 71°43'02" W 1153.68

S 71°47'11"W 1,152.34'

S 71°43'02" W 533.50'

N 19°10'59" W 508.06'

S 18°16'58" E 301.00'

N 18°16'58" W 301.00'

S 18°16'58" E 207.00'

N 19°10'59" W 508.07'

N 71°43'02" E 127.23'

S63°16'58"E 35.36'

N 18°16'58" W 195.93'

448.50'

N 799744.01
E 955868.11

N 799744.01
E 955868.11

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

ESC PHASE 1 PLAN

DRAWN:	pss
APPROVED:	pss
DATE:	01-15-21
PROJ#:	21-022
SCALE:	AS SHOWN

SHEET
14 OF 25

Attachment: Magellan Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

EROSION AND SEDIMENT CONTROL LEGEND

- Ds1 — DISTURBED AREA STABILIZATION (MULCH ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (TEMPORARY SEEDING)
- Ds3 — DISTURBED AREA STABILIZATION (PERMANENT SEEDING)
- Du — DUST CONTROL ON DISTURBED AREAS
- Co — CONSTRUCTION EXIT
- Sd1-NS — TYPE NON-SENSITIVE SILT FENCE
- Sd1-S — TYPE SENSITIVE SILT FENCE
- Sd2 — INLET SEDIMENT TRAP
- Sd2-F — INLET SEDIMENT TRAP
- Sd2-Bg — BLOCK AND GRAVEL DROP INLET
- St — OUTLET PROTECTION
- Sk — SKIMMER

LOT 14 · LOT 15 · LOT 16 · LOT 17 · LOT 18 · LOT 19 · LOT 20 · LOT 21

TOWER

WETLAND "E" 0.61 ACRE

1/2" PIPE, SET

N 71°43'02" E 628.16'

245' GEORGIA POWER COMPANY EASEMENT (D.B. 101-Q, PAGE 721)

50' SCG GAS LINE EASEMENT

508.06'

N 19°10'25" W 508.07'

N 19°10'59" W

WETLAND "D" 3.70 ACRES

PARCEL 3
13.49 ACRES
(AREA INCLUDES EASEMENTS AND WETLANDS)

EXISTING JURISDICTIONAL WETLANDS DO NOT DISTURB

SEDIMENT TRAP NOTES:
1. USE FRAME DETAIL UNTIL PAVED
2. USE GRAVEL BAG DETAIL ONCE AREA IS PAVED

Sd1-S DOUBLE ROW TYPE-S WITHIN 200' OF WETLANDS

EXCAVATE POND FOR SEDIMENT CONTROL

PROPOSED 4 STORY HOTEL

N 18°16'58" W 301.00'

N 71°43'02" E 533.50'

S 71°43'02" W 533.50'

S 18°16'58" E 301.00'

427.29'

S 71°43'02" W 1153.68'

S71°47'11"W 1,152.34'

PIPE DIA.=30" Q=14.9 CFS V=3.0 FPS TW=15.0

LIMITS OF DISTURBANCE=10.5 ACRES

OUTFALL ST DIMENSIONS:
La=8', W=12'
WIDTH AT OUTFALL=4'
d50=6 INCHES
D (STONE DEPTH)=6 INCHES

SKIMMER NOTES:
1. SEE DETAIL SHEET 17
2. SKIMMER OUTLET MUST BE CONNECTED TO OUTLET CONTROL STRUCTURE ORIFICE
3. REMAINDER OF OCS MUST BE BLOCKED OFF DURING CONSTRUCTION.
4. REMOVE SKIMMER ONCE 100% STABILIZATION HAS BEEN ESTABLISHED.

LIMITS OF DISTURBANCE=10.5 ACRES

CONTRIBUTING BASIN AREA=10.5 ACRE

GRAPHIC SCALE
0 50 75 100
(IN FEET)
SCALE: 1" = 50'

N 799744.01
E 955888.11
1/2" PIPE, SET
5/8" REBAR, FOUND 2.5' NORTHERLY

MAGELLAN BOULEVARD 60' R/W

CI TOP:15.68' TH:14.86' IE(W):9.86' IE(E):11.45'

CI TOP:15.76' TH:14.95' IE(W):11.49' IE(E):11.44' IE(SE):11.31'

STMH – CIA RIM = 14.86' INV. OUT = 10.23'

STMH – CIA RIM = 14.63' INV. IN = 10.44' INV. OUT = 10.39'

SSMH (AIR RELEASE VALVE)

CABOT STREET

BENCHMARK MINI MAG IN SIDEWALK ELEV. = 15.63'

CI TOP:15.92' TH:15.26' IE(W):8.88' IE(E):9.27'

CI TOP:15.75' TH:15.04' IE(W):8.45' 48" RCP IE(S):7.98' 48" RCP IE(E):8.34' 48" RCP

24" RCP (TERMINUS UNKNOWN)

EX. SSMH RIM = 15.93' INV IN = 4.71' INV. OUT = 4.65'

STMH – CIA RIM = 14.70' INV. IN = 10.25' INV. OUT = 9.34'

CONC. WASHOUT AREA 10' x 10'

STORM DRAIN TOP:17.17' IE(S):7.87' IE(N):7.80'

STORMWATER DISCHARGE POINT AND SAMPLING POINT

N 799390.99
E 956007.90
5/8" REBAR, FOUND 2.6' SOUTHERLY
5/8" REBAR, FOUND 0.8' SOUTHERLY

CI TOP:15.71' TH:14.98' IE:7.86'

STMH – CIA INV. IN = 7.82' INV. OUT = 7.17'

SCOTT STREET 60' R/W

STMH RIM = 14.66' INV. = 6.65'

QUALIFIED PLAN PREPARER:
PETER SCHOENAUER, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
CERTIFICATION#08147
EXPIRES: 03/30/24

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

ESC PHASE 2 PLAN

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 15 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

EROSION AND SEDIMENT CONTROL LEGEND

Ds1	DISTURBED AREA STABILIZATION (MULCH ONLY)
Ds2	DISTURBED AREA STABILIZATION (TEMPORARY SEEDING)
Ds3	DISTURBED AREA STABILIZATION (PERMANENT SEEDING)
Du	DUST CONTROL ON DISTURBED AREAS
Co	CONSTRUCTION EXIT
Sd1-NS	TYPE NON-SENSITIVE SILT FENCE
Sd1-S	TYPE SENSITIVE SILT FENCE
Sd2	INLET SEDIMENT TRAP
Sd2-F	INLET SEDIMENT TRAP
Sd2-Bg	BLOCK AND GRAVEL DROP INLET
St	OUTLET PROTECTION
Sk	SKIMMER

NOW OR FORMERLY LANDS OF
LAND HOLDINGS, LLC
(DB. 586, PG. 156)

NOW OR FORMERLY LANDS OF
WPB ESTATE MANAGEMENT, LLC
(DB. 1782, PG. 222)

WETLAND "E"
9.61 ACRE

WETLAND "E"
PARCEL 3
0.26 ACRES
(SCLAED-P.B. 52, PG. 428)

245' GEORGIA POWER COMPANY EASEMENT (D.B. 101-Q, PG. 721)

50' SCG GAS LINE EASEMENT (P.B. 52, PG. 428)

50' SCG GAS LINE EASEMENT

GEORGIA POWER COMPANY EASEMENT (D.B. 101-Q, PG. 721)

PARCEL 3A
9.81 ACRES (TOTAL)

PARCEL 3B
3.69 ACRES

PROPOSED 4-STORY HOTEL

ACCESS EASEMENT

WETLAND "D"
PARCEL 3
1.26 ACRES
(SCLAED-P.B. 52, PG. 428)

WETLAND "D"
PARCEL 2
2.44 ACRES
(SCLAED-P.B. 52, PG. 428)

WETLAND "D"
3.70 ACRES

DOUBLE ROW TYPE-S WITHIN 200' OF WETLANDS

LIMITS OF DISTURBANCE=10.5 ACRES

CONTRIBUTING BASIN AREA=10.5 ACRE

MAGELLAN BOULEVARD 60' R/W

CABOT STREET

SCOTT STREET
(60' RIGHT-OF-WAY-P.B. 52, PG. 428)

ALL PROTECTIVE, TEMPORARY BMP'S SHALL REMAIN IN PLACE AND MAINTAINED UNTIL THE SITE HAS ACHIEVED STABILIZATION.

QUALIFIED PLAN PREPARER:
PETER SCHOENAUER, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
CERTIFICATION#08147
EXPIRES: 03/30/24

GRAPHIC SCALE
0 50 75 100
(IN FEET)
SCALE: 1" = 50'

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

ESC PHASE 3 PLAN

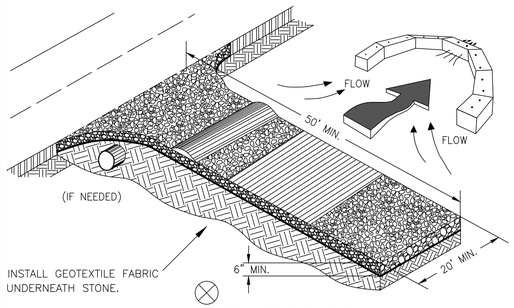
DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET
16 OF 25

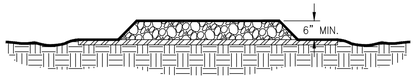
Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

CRUSHED STONE CONSTRUCTION EXIT

EXIT DIAGRAM

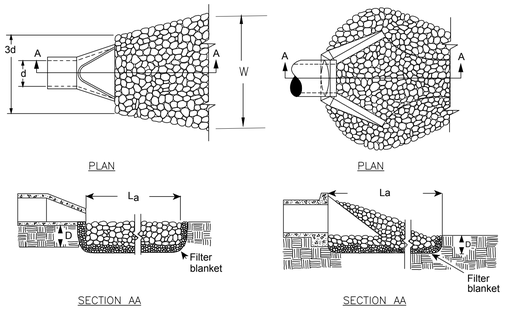


ENTRANCE ELEVATION



NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Co TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

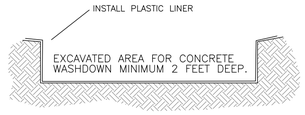


SECTION AA
PIPE OUTLET TO FLAT AREA-NO WELL-DEFINED CHANNEL

SECTION AA
PIPE OUTLET TO WELL-DEFINED CHANNEL

NOTES:
1. La IS THE LENGTH OF THE RIPRAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OF TO THE TOP OF THE BANK, WHICHEVER IS LESS.
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

St OUTLET PROTECTION

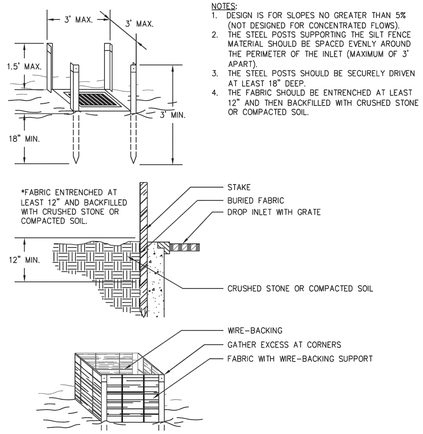


1. SEE PLAN FOR SIZE AND LOCATION
2. FOR WASHDOWN OF TOOLS, CHUTE AND BACK OF TRUCK ONLY.
3. NO WASHOUT OF DRUM ON SITE PERMITTED.
4. CONCRETE WASHOUT DIMENSIONS: 10' X 10'

CONCRETE WASH DOWN

FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

STEEL FRAME AND TYPE C SILT FENCE INSTALLATION



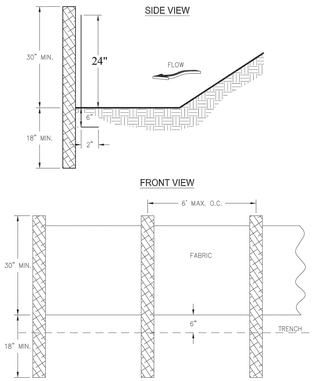
NOTES:
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

Figure 6-28.1 - Fabric and Supporting Frame For Inlet Projection

GSWCC 2016 Edition 6-150

Sd2-F INLET SEDIMENT TRAP

SILT FENCE - TYPE NON-SENSITIVE



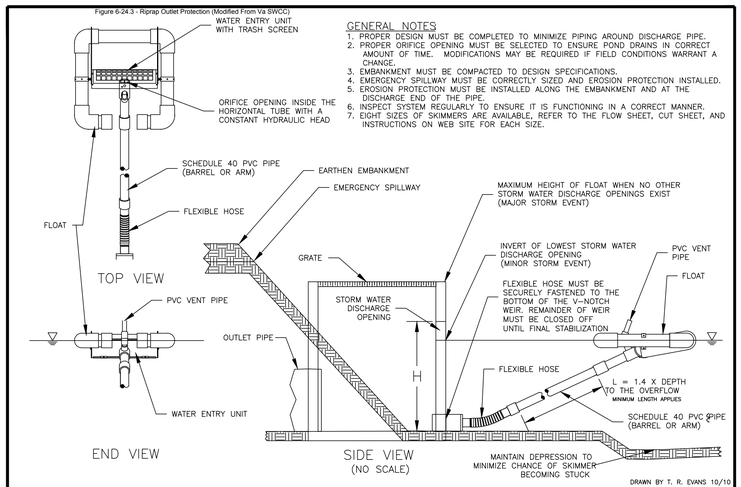
NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

Figure 6-27.1

GSWCC (Amended - 2013) 6-193

Sd1-NS SILT FENCE (NON-SENSITIVE)

Figure 6-24.3 - Riprap Outlet Protection (Modified From Va SWCC)



GENERAL NOTES
1. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
2. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
3. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
4. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED.
5. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
6. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
7. EIGHT SIZES OF SKIMMERS ARE AVAILABLE, REFER TO THE FLOW SHEET, CUT SHEET, AND INSTRUCTIONS ON WEB SITE FOR EACH SIZE.

DRAWN BY T. R. EVANS 10/10

® FAIRCLOTH SKIMMER DISCHARGE SYSTEM WITH OUTLET STRUCTURE

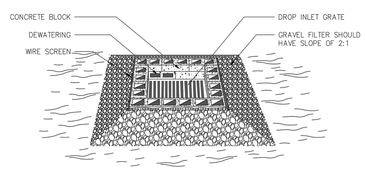
J. W. FAIRCLOTH & SON INC.
WWW.FAIRCLOTHSKIMMER.COM
TELEPHONE: (919) 732-1244
FAX: (919) 732-1266
EMAIL: WARREN@FAIRCLOTHSKIMMER.COM

SKIMMER INFORMATION:
POND, TRAP OR BASIN SIZE=98,800 CF
TIME TO DRAIN=72 HOURS
SKIMMER DIMMENSIONS: 6" SKIMMER. 2.4" ORIFICE RADIUS, 4.8" ORIFICE DIAMETER.
MANUFACTURER: FAIRCLOTH

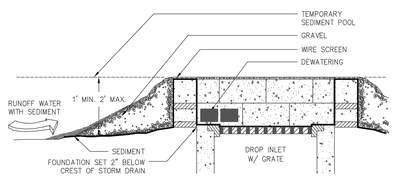
Sk SKIMMER DISCHARGE SYSTEM W/ OUTLET STRUCTURE

BLOCK AND GRAVEL DROP INLET PROTECTION

BLOCK AND GRAVEL PERSPECTIVE



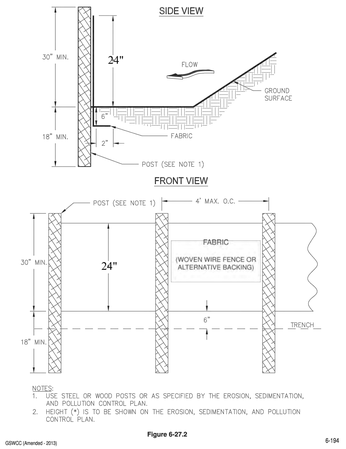
BLOCK AND GRAVEL SECTION



NOTE:
1. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH ½ INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
2. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE FIRST ROW OF BLOCKS WILL BE PLACED HERE FOR LATERAL SUPPORT.
3. ONE BLOCK (AS SHOWN) IS TO BE PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE.

Sd2-Bg INLET SEDIMENT TRAP

SILT FENCE - TYPE SENSITIVE



NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

Figure 6-27.2

GSWCC (Amended - 2013) 6-194

Sd1-S SILT FENCE (SENSITIVE)

QUALIFIED PLAN PREPARER:
PETER SCHOENAUER, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
CERTIFICATION#08147
EXPIRES: 03/30/24

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

ESC DETAILS

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SHEET 17 OF 25

Attachment: Magellan Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE.
ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON-SITE.

HAZARDOUS WASTE:

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME INTO CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

SANITARY WASTE:

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS. ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORMWATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIFICALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM CONTRIBUTING TO STORMWATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN. GRADING PHASE, BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED. SANITARY SEWER WILL BE PROVIDED BY THE LOCAL MUNICIPAL AUTHORITY OR BY AN ON-SITE SYSTEM APPROVED AND PERMITTED BY LOCAL AND STATE AGENCIES.

SOIL CEANUP AND CONTROL PRACTICES:

- LOCAL, STATE AND MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES BUT IS NOT LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
- SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIOIAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
- FOR SPILLS OF AN UNKOWN AMOUNT, THE NRC WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802. – FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
- FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES THE CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

INSPECTIONS, REPORTING AND SAMPLING:

INSPECTIONS, REPORTING AND SAMPLING MUST TAKE PLACE IN ACCORDANCE WITH SECTION IV OF THE DEPT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION GENERAL PERMIT NO. GAR100001, GAR100002 OR GAR100001, AS APPLICABLE.

APPENDIX B
NEPHELOMETRIC TURBIDITY UNIT (NTU) TABLES
WARM WATER (SUPPORTING WARM WATER FISHERIES)
SURFACE DRAINAGE AREA, SQUARE MILES

	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
1.00-10	75	150	200	400	750	750	750	750
10.01-25	(50)	100	100	200	300	500	750	750
25.01-50	50	50	100	100	200	300	750	750
50.01-100	50	50	50	100	100	150	300	600
100.01+	50	50	50	50	50	100	200	100

EROSION CONTROL NOTES:

1. THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN, EXCEPT WHEN THE PRIMARY PERMITTEE HAS REQUESTED IN WRITING AND EPD HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL, TO INSPECT THE INSTALLATION OF THE CONTROL MEASURES (BMPS) WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER THE INITIAL CONSTRUCTION ACTIVITIES COMMENCE.

2. INSPECTIONS OF THE PROJECT SHALL BE PERFORMED BY THE PRIMARY AND SECONDARY PERMITTEES IN ACCORDANCE WITH PART IV SECTION D.3 OF GENERAL PERMIT NO. GAR100001, GAR100002 OR GAR100003.

3. STORM WATER SAMPLING SHALL BE PERFORMED AT THE LOCATION(S) SHOWN ON THE PLANS IN ACCORDANCE WITH PART IV SECTION D.5 OF GENERAL PERMIT NO. GAR100001, GAR100002 OR GAR100003.

4. THE ONLY POTENTIAL POLLUTANT SOURCE ANTICIPATED IS PETROLEUM PRODUCTS ASSOCIATED WITH CONSTRUCTION EQUIPMENT/VEHICLES. IF A SPILL OCCURS, IT SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED. IF ANY PETROLEUM PRODUCTS SPILL INTO A DITCH OR STREAM DIRECTLY OR INDIRECTLY, SAMPLING UPSTREAM AND DOWNSTREAM OF THAT POINT SHALL BE PERFORMED IMMEDIATELY. THE SAMPLES SHALL BE ANALYZED WITH RESULTS REPORTED TO GEORGIA E.P.D.

5. PETROLEUM BASED PRODUCTS– CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

   PAINTS/FINISHES/SOLVENTS – ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURERS' SPECIFICATIONS AND RECOMMENDATIONS.

   CONCRETE TRUCK WASHING – NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE UNLESS A DEDICATED WASHOUT AREA IS PROVIDED. THIS WASH OUT AREA MUST BE CONSTRUCTED SO THAT THE CONCRETE AND WATER IS CONTAINED AND REMOVED AS NECESSARY OFF SITE AND DISPOSED OF PROPERLY AND LAWFULLY. THE CONTAINMENT AREA MAY BE MADE FROM STRAW BALES THAT ARE STAKED IN PLACE AND LINED WITH AT LEAST THREE LAYERS OF 10 MIL PLASTIC. NO HOLES OR TEARS WILL BE PERMITTED. PREFABRICATED, APPROVED CONTAINERS ARE ALSO AVAILABLE AND MAY BE USED AS APPROVED.

   FERTILIZERS/HERBICIDES – THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURERS' SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GWSSC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

   BUILDING MATERIALS – NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

STANDARD PERMIT CONDITIONS - GDNR ENVIRONMENTAL PROTECTION DIVISION SECTION VI:

A.Duty to Comply.

1.Each permittee must comply with all applicable conditions of this permit. Any permit noncompliance constitutes a violation of the Georgia Water Quality Control Act (O.C.G.A. §§12-5-20, et seq.) and is grounds for enforcement action; for permit termination; or for denial of a permit renewal application. Failure of a primary permittee to comply with any applicable term or condition of this permit shall not relieve any other primary permittee from compliance with their applicable terms and conditions of this permit.

2.Each permittee must document in their records any and all known violations of this permit at his/her site within seven (7) days of his/her knowledge of the violation. A summary of these violations must be submitted to EPD by the permittee at the addresses shown in Part II.C. within fourteen (14) days of his/her discovery of the violation.

3. Penalties for violations of permit conditions. The Federal Clean Water Act and the Georgia Water Quality Control Act (O.C.G.A. §§12-5-20, et seq.) provide that any person who falsifies, tempers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non compliance shall, upon conviction be punished by a fine or by imprisonment, or by both. The Federal Clean Water Act and Georgia Water Quality Control Act also provide procedures for imposing civil penalties which may be levied for violations of the Acts, any permit condition or limitation established pursuant to the Acts, or negligently or intentionally failing or refusing to comply with any final or emergency order of the Director.

1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE ; (B) AREAS USED BY THE PRIMARY PERMITEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION ; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THE PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS RECEIVED BY EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINALSTABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2 OF THIS PERMIT.

REPORTING:

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

   A. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
   B. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
   C. THE DATE(S) ANALYSES WERE PERFORMED;
   D. THE TIME(S) ANALYSES WERE INITIATED;
   E. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
   F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
   G. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC.,USED TO DETERMINE THESE RESULTS;
   H. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU "; AND
   I. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3. ALL WRITTEN CORRESPONDENCE REQUIRED SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

RETENTION OF RECORDS

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VL:

   A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
   B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
   C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5 OF THIS PERMIT;
   D. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
   E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART I.V.D.4.A. OF THIS PERMIT;
   F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND DAILY
   G. RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF A LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VL. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

STORM WATER SAMPLING:

SAMPLE ANALYSIS:

1. STORM WATER SAMPLES ARE TO B E ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT EPA 833-B-92-001."

2. STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION.

3. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING 75, THE VALUE THAT WAS SELECTED FROM APPENDIX B IN PERMIT NO. GAR 100001. THE NTU IS BASED UPON THE DISTURBED ACREAGE FOR THE PROJECT SITE, THE SURFACE WATER DRAINAGE AREA OF 0.003 SQUARE MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

SAMPLING REQUIREMENTS:

THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:

1. A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FILED VERIFICATION, INTO WHICH THE STORM WATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORM WATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;

2. A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;

3. WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE IF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND

4. ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIME LINE FOR SUBMITTAL.

SAMPLE TYPE:

1. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

2. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

3. SAMPLES SHOULD BE WILL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

4. LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

5. MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLES MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

6. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART LV.E.

SAMPLING REQUIREMENTS (CONT.):

SAMPLING POINTS:

1. FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES.

   A. THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEV

EFFECTIVE CHECKLIST DATE 1-1-2021

Ds1 MULCHING RATES:

MATERIAL	RATE	DEPTH
Straw or Hay	—	2" to 4"
Wood waste, chips, sawdust, bark	—	2" to 4"
Polyethylene film	Secure with soil, anchors, weights	—
Geotextiles, jute matting, netting, etc.	See manufac-turer's recom-mendations	—

Ds2 SEEDING SPECIFICATIONS:

TEMPORARY VEGETATION – SHALL BE ESTABLISHED ON ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER CONSTRUCTION.

Type	Application/Acre	Planting Dates (Jan Feb Mar April May June July Aug Sep Oct Nov Dec)
Rye grass	40 Lbs.	Oct–Dec
Millet, Browntop	40 Lbs.	May–June
Lespedeza	40 Lbs.	Feb
Sudangrass	60 Lbs.	May–July

* TO BE USED ONLY FOR TEMPORARY VEGETATION.

D. FERTILIZING – APPLY 6-12-12 FERTILIZER AT A RATE OF 35 LBS./1000' SQ. FT., RAKING INTO THE SOIL.

E. WATERING – WATER IMMEDIATELY AFTER MULCHING.

Ds2 LIMING RATES:

Lime and Fertilizer

Agricultural lime is required unless soil tests indicate otherwise. Apply agricultural lime at a rate of one ton per acre. Graded areas require lime application. Soils can be tested to determine if fertilizer is needed. On reasonably fertile soils or soil material, fertilizer is not required. For soils with very low fertility, 500 to 700 pounds of 10-10-10 fertilizer or the equivalent per acre (12-16 lbs./1,000 sq. ft.) shall be applied. Fertilizer should be applied before land preparation and incorporated with a disk, ripper or chisel.

Ds3 SEEDING SPECIFICATIONS:

Type	Application/Acre	Planting Dates (Jan Feb Mar April May June July Aug Sep Oct Nov Dec)
Bahia Pensacola	60 Lbs.	Mar–May
Bermuda, common (hulled)	10 Lbs.	Mar–May
Bermuda, common (un-hulled)	10 Lbs.	Jan, Nov–Dec
Centipede	block sod only	Jan–May, Nov–Dec

- Re-seed areas where an adequate stand of vegetation fails to emerge or where a poor stand exists.
- Maintain at least 6" of top growth under any use and management.
- Exclude traffic until the plants are well established
- Apply agricultural lime at a rate of 1-2 tons/ acre unless soil tests otherwise.
- Apply seed hydraulically. If using conventional methods, use a culti-packer seeder, drill, rotary seeder or by hand.
- Cover the seed lightly with $\frac{1}{8}$" – $\frac{1}{4}$" f soil for small seed and $\frac{1}{2}$" -1" of soil for large seed when using a cultipacker.
- Mulch is required for all permanent vegetation applications. Please refer to Ds1 for application rates and anchoring methods for different materials.
- Irrigate when the soil is dry and at a rate that will not cause runoff.

Du DUST CONTROL

CONTROL DUST WITH AN ON-SITE WATERING TRUCK OR BY USING HYDRATED LIME AS REQUIRED.

ESPSP CHECKLIST ITEMS FOR STAND ALONE PROJECT:

1. CHECK LIST INCLUDED WITH PLAN SUBMITTAL.
2. LEVEL II CERTIFICATION NUMBER AND ENGINEER'S SEAL AND SIGNATURE ARE ON ALL ESC PLAN SHEETS.
3. DISTURBED AREA IS LESS THAN 50 ACRES.
4. 24 HOUR CONTACT: JITAN PATEL, RS MANAGEMENT. (912) 572-5328
5. PRIMARY PERMITTEE: PSM 2021, LLC-RICHMOND HILL, GA (912) 572-5328
6. TOTAL ACRES: 13.49
   DISTURBED ACRES: 10.5
7. THE GPS LOCATION IN DECIMAL DEGREES IS ON SHEET 14 (ESC PHASE 1 PLAN)
8. DATES ARE PROVIDED ON THE TITLE BLOCK OF EACH SHEET.
9. THIS SCOPE OF THIS PROJECT IS THE CONSTRUCTION OF A HOTEL WITH ASSOCIATED WATER, SEWER AND STORM DRAIN. A ROAD IS ALSO PART OF THE DEVELOPMENT PLANS. THE REMAINDER OF THE SITE WILL BE CLEARED FOR FUTURE DEVELOPMENT. THE SITE IS CURRENTLY VACANT AND WOODED. A PORTION OF THE SITE IS WETLANDS AND WILL NOT BE IMPACTED.
10. VICINITY MAP IS PROVIDED ON COVER SHEET. PROJECT IS NOT PHASED.
11. THE INITIAL RECEIVING WATERS IS THE UN-NAMED DITCH LEADING TO LITTLE HEARST BRANCH THE RECEIVING WATERS IS LITTLE HEARST BRANCH. THERE ARE NO SENSITIVE AREAS THAT WILL BE IMPACTED BY THIS DEVELOPMENT. THE CITY OF PORT WENTWORTH OPERATES AS THE MS4. THE RECEIVING WATERS SUPPORT WARM WATER FISHERIES.
12. I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

   Peter Schoenauer 8-8-21

   PETER SCHOENAUER, PE DATE
13. I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENT AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

   Peter Schoenauer 8-8-21

   PETER SCHOENAUER, PE DATE
14. SEVEN DAY INSPECTION:
    THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.

    THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THESE PLANS TO PERFORM THE REQUIRED INSPECTION.
15. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25 FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THEJURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
16. THERE ARE NO BUFFER ENCROACHMENTS AND NO BUFFER VARIANCE IS REQUIRED.
17. REVISIONS/AMENDMENTS:
    AMENDMENTS OR REVISIONS TO THE ES&PC PLAN WHICH HAVE SIGNIFICANT EFFECTS ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
18. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
    SEE SHEET 12 FOR MORE DETAIL DESCRIPTIONS OF PROPER WASTE REMOVAL, ETC.
19. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
20. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
21. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
22. THIS PROJECT WILL NOT DISCHARGE STORM WATER INTO AN IMPAIRED STREAM SEGMENT.
23. THIS PROJECT WILL NOT DISCHARGE STORM WATER INTO AN IMPAIRED STREAM SEGMENT.
24. CONCRETE WASHDOWN DETAIL IS ON THIS SHEET. NO WASHING OUT OF DRUM PERMITTED ON SITE.
25. THERE IS GUIDANCE FOR PETROLEUM SPILLS AND LEAKS ON SHEET 18.
26. DURING CONSTRUCTION, THE DISTURBED AREAS WILL BE VEGETATED. DETENTION AREAS ARE PROVIDED WHICH WILL CAPTURE THE RUNOFF AND DETAIN IT AS REQUIRED. ALL BMP'S WILL STAY IN PLACE UNTIL THE VEGETATION COVERAGE IS 100%.
27. PLASTIC SHEETING AND/OR TEMPORARY ROOFS MUST BE INSTALLED TO COVER BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTE, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS IN ORDER TO MINIMIZE EXPOSURE TO PRECIPITATION AND TO STORMWATER.
28. PERMANENT VEGETATION WILL BE INSTALLED PRIOR TO REMOVAL OF BMP'S. THE SITE IS DESIGNED SO THAT ALL DISCHARGES ARE DIRECTED TO THE STORM WATER MANAGEMENT SYSTEM WHERE WATER QUALITY IS ADDRESSED.
29. TENTATIVE ACTIVITY SCHEDULE

	2021 MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2022 JAN	FEB
INSTALLATION OF BMP's												
CLEARING AND GRUB												
ROUGH GRADE												
UTILITY CONSTRUCTION												
PAVING												
BUILDING CONSTRUCTION												
FINAL GRADE												
TEMPORARY GRASSING												
FINAL GRASSING												
REMOVAL OF BMP's												
MAINTENANCE OF BMP'S												

   INITIAL BMP'S MUST BE INSTALLED PRIOR TO AND LAND DISTURBING. BMP'S CAN ONLY BE REMOVED ONCE FINAL STABILIZATION IS ACHIEVED.
30. SEE SHEET 18 FOR INSPECTIONS AND RECORD KEEPING REQUIREMENTS.
31. SEE SHEET 18 FOR SAMPLING FREQUENCY AND REPORTING REQUIREMENTS.
32. SEE SHEET 18 FOR RETENTION OF RECORDS REQUIREMENTS.

33 & 34. STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE EPA 833-B-92-001.
STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING 75 NTU, THE VALUE THAT WAS SELECTED FROM APPENDIX B IN PERMIT NO. GAR100001. THE NTU IS BASED UPON THE DISTURBED ACREAGE FOR THE PROJECT SITE, THE SURFACE WATER DRAINAGE AREA OF 0.003 SQ. MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

   RATIONALE:
   13.5 PROJECT ACRES
   0.02 SQUARE MILE DRAINAGE AREA
   SUPPORTS WARM FISHERIES
35. SEE SHEET 15 FOR SAMPLING LOCATIONS.
36. APPROPRIATE CONTROLS:
    1. INITIAL SEDIMENT STORAGE PROVIDED BY PERIMETER SILT FENCE AND STORMWATER DETENTION AREAS.
    2. INTERMEDIATE BMPS INCLUDE SILT FENCE AND STABILIZATION OF DISTURBED AREAS.
    3. FINAL BMPS INCLUDE FINAL GRASSING. ALL BMPS MUST STAY IN PLACE UNTIL FINAL STABILIZATION HAS OCCURED.
37. GRAPHICAL SCALE AND NORTH ARROWS ARE PROVIDED ON PLAN SHEETS.
38. CONTOURS ARE PROVIDED ON PLAN SHEETS.
39. NO ALTERNATIVE BMP'S ARE PROPOSED.
40. NO ALTERNATE BMP'S ARE PROPOSED.
41. THERE ARE NO STATE WATERS ON SITE AND NO BUFFERS ARE REQUIRED.
42. THERE ARE WETLANDS ON THE SITE WHICH WILL NOT BE IMPACTED.
43. THE CONTRIBUTING DRAINAGE BASIN INFORMATION IS ON SHEET 14
44. THE HYDROLOGY STUDY IS PART OF THE PLAN SUBMITTAL TO THE CITY OF PORT WENTWORTH.
45. RUNOFF CN PREDEVELOPED=73
    RUNOFF CN POST DEVELOPED=94
47. SOIL TYPES:

SYMBOL	DESCRIPTION
Cc	Cape Fear soils HSG: B/D
Oj	Ocilla Complex HSG: C/D
Pn	Pooler Fine Sandy Loam HSG: C/D

48. LIMITS OF DISTURBANCE IS SHOWN ON SHEETS 14 & 15. PROJECT IS NOT PHASED.
49. SEDIMENT STORAGE
    PROVIDE 67 CY SEDIMENT STORAGE PER EACH CONTRIBUTING ACRE
    10.1 AC X 67 CY/AC.=677 CY=18,279 CF
    THE PROPOSED TEMPORARY SEDIMENT TRAP WITH SKIMMER OUTFALL WILL PROVIDE THE NECESSARY VOLUME FOR SEDIMENT RUNOFF.
    THE AVG AREA OF THE SED. POND IS 24,700 SF AND IS 4 FEET DEEP.
    THE VOLUME PROVIDED IS 98,800 CF. OR 3,659 CY

    THE POND WILL BE EXCAVATED TO AN ELEVATION OF 12.5 FOR SEDIMENT STORAGE.
    AFTER CONSTRUCTION, THE POND WILL BE EXCAVATED TO EL. 10.
50. THE LOCATION OF ALL PROPOSED BMP'S ARE ON SHEETS 14-16. DETAILS OF THE BMP'S ARE ON SHEET 17.
51. ALL BMP DETAILS ARE ON SHEET 17.
52. PLANTING SCHEDULE IS ON THIS SHEET.
    DUST CONTROL WILL BE ACHIEVED WITH ANY OF THE FOLLOWING METHODS:
    A. MULCHES
    B. IRRIGATION
    C. SPRAY-ON ADHESIVES
    D. CALCIUM CHLORIDE

QUALIFIED PLAN PREPARER:
PETER SCHOENAUER, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
CERTIFICATION#08147
EXPIRES: 03/30/24

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAUER

Peter Schoenauer 5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

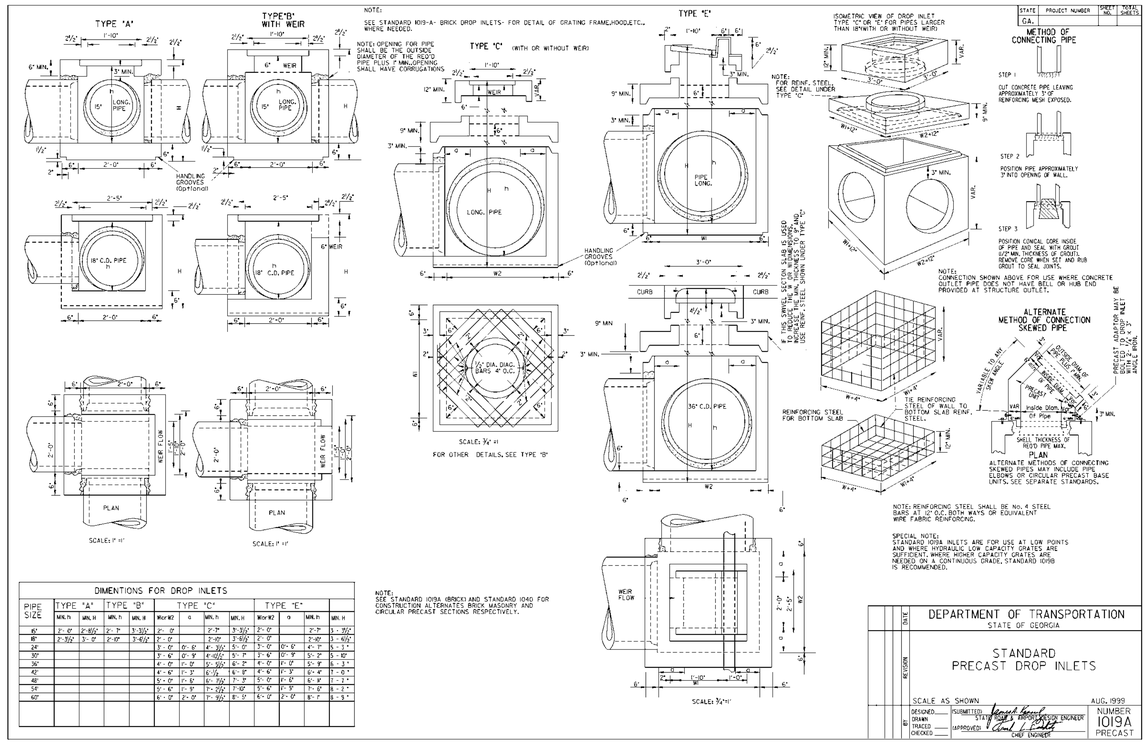
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

ESC CHECKLIST

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: NA

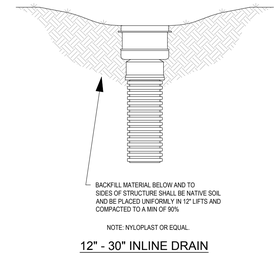
SHEET 19 OF 25

Attachment: Magellan Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

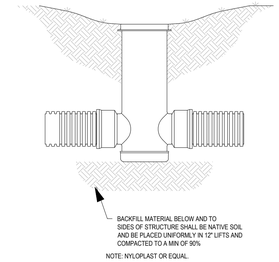


DIMENTIONS FOR DROP INLETS

PIPE SIZE	TYPE 'A' MIN. H	TYPE 'A' MIN. W	TYPE 'B' MIN. H	TYPE 'B' MIN. W	TYPE 'C' Wor W2	TYPE 'C' G	TYPE 'C' MIN. H	TYPE 'C' MIN. W	TYPE 'E' Wor W2	TYPE 'E' G	TYPE 'E' MIN. H	TYPE 'E' MIN. W
15"	2'-6"	2'-8½"	2'-7"	3'-3½"	3'-0"		2'-7"	3'-3½"	2'-0"		2'-7"	3'-10½"
18"	2'-9½"	3'-0"	2'-10"	3'-6½"	3'-0"		2'-10"	3'-9½"	2'-0"		2'-10"	3'-10½"
24"					3'-0"	0'-8"	4'-3½"	5'-0"	3'-0"	0'-8"	4'-7"	5'-3"
30"					3'-6"	0'-8"	4'-10½"	5'-7"	3'-6"	0'-8"	5'-2"	5'-10"
36"					4'-0"	1'-0"	5'-5½"	6'-3"	4'-0"	1'-0"	5'-8"	6'-3"
42"					4'-6"	1'-0"	6'-1"	6'-9"	4'-6"	1'-0"	6'-4"	7'-0"
48"					5'-0"	1'-0"	6'-8½"	7'-3"	5'-0"	1'-0"	6'-9"	7'-7"
54"					5'-6"	1'-0"	7'-4½"	7'-10"	5'-6"	1'-0"	7'-3"	8'-3"
60"					6'-0"	2'-0"	7'-10½"	8'-5"	6'-0"	2'-0"	8'-1"	8'-9"

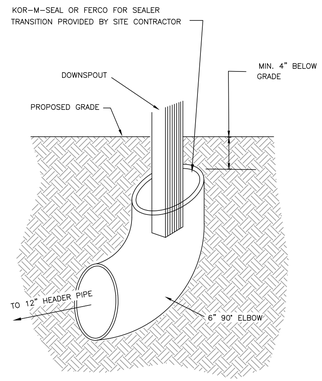


12" - 30" INLINE DRAIN



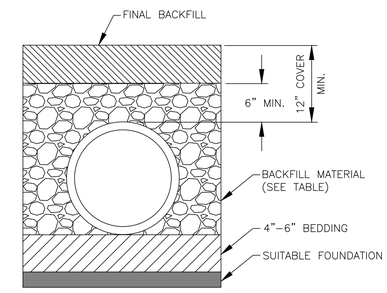
12" - 30" DRAIN BASIN

NON-TRAFFIC YARD INLETS
NTS



NOTE:
USE KOR-N-SEAL OR FERNCO ELASTIC RUBBER OR NEOPRENE FLEXIBLE COUPLING WITH STAINLESS STEEL ADJUSTABLE BANDS FOR TRANSITION BETWEEN DOWNSPOUTS AND DRAINPIPE.

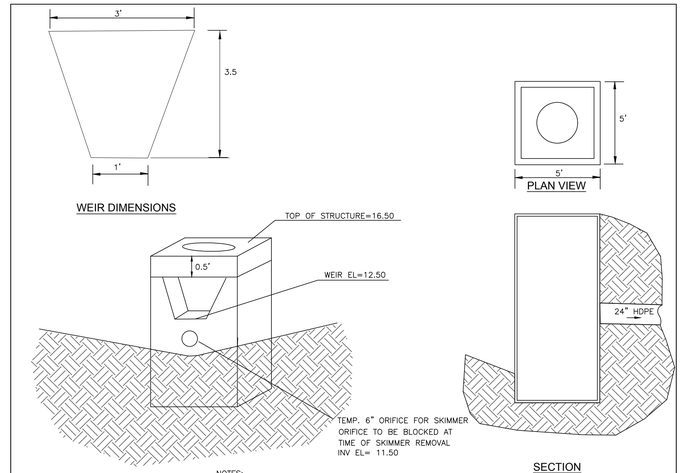
DOWNSPOUT DETAIL
NTS



SOIL CLASS	MIN. PROCTOR DENSITY
CLASS I	DUMPED*
CLASS II	85%
CLASS III	90%

*REMOVE ALL VOIDS
CLASS IV FILL MATERIAL IS NOT PERMITTED
BACKFILL LAYER HEIGHTS NOT TO EXCEED 1/2 PIPE DIAMETER

HDPE BACKFILL FOR 12" TO 48" STORM DRAIN PIPE
NTS



NOTES:
1. 24" OUTLET PIPE INV=10.0 WEIR & ORIFICE ON WEST WALL
2. REFER TO GDOT STANDARD 1019 FOR STRUCTURAL DESIGN REQUIREMENTS.

OUTLET CONTROL STRUCTURE
NTS

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAGEL
5-17-21
TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

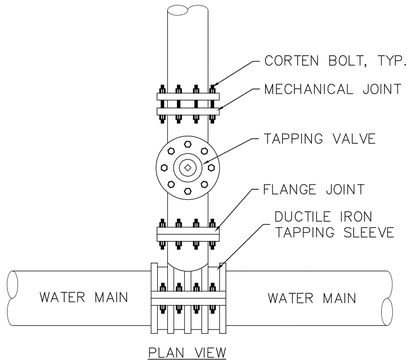
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HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA
DRAINAGE DETAILS

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET 20 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



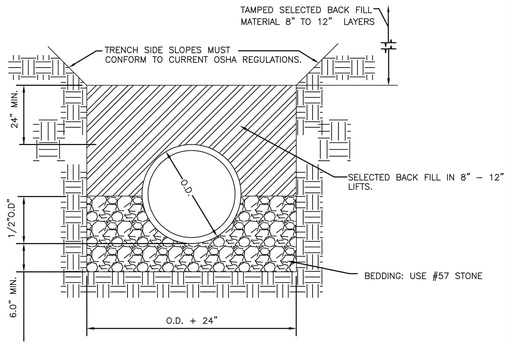
PLAN VIEW

NOTE:
1. THE TAPPING SLEEVE AND VALVE MUST BE INSTALLED IN A MANHOLE. SEE DETAIL W-14 FOR THE MANHOLE DETAIL.

STANDARD TAPPING SLEEVE

City of Port Wentworth
TECHNICAL DETAILS
W-5

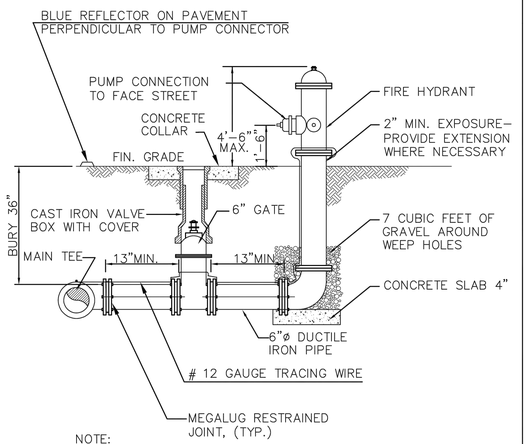
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



PIPE BEDDING

City of Port Wentworth
TECHNICAL DETAILS
W-8

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



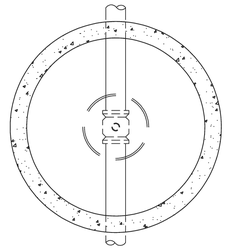
NOTE:
1. ALL JOINTS FROM MAIN TO HYDRANT SHALL BE RESTRAINED.
2. PROTECT BOLTS AND THREADS FROM CONCRETE.

STANDARD FIRE HYDRANT

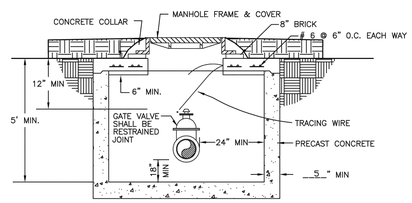
City of Port Wentworth
TECHNICAL DETAILS
W-9

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

NOTES:
1. MANHOLE FRAME AND COVER SHALL BE NEENAH FOUNDRY CO. CATALOG NO. R-1668, TYPE C, LABELED "WATER".
2. THE BOTTOM OF THE MANHOLE FRAME SHALL NOT BE MORE THAN 12" ABOVE THE TOP OF THE MANHOLE STRUCTURE.
3. PRECAST CONCENTRIC CONE RISERS MAY BE USED WHERE REQUIRED FOR DEPTH.
4. THE MANHOLE FRAME AND COVER MUST BE CENTERED OVER THE VALVE.



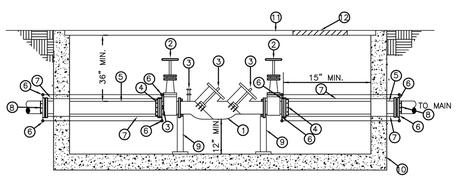
PLAN



VALVE MANHOLE FOR 8" & GREATER GATE VALVE

City of Port Wentworth
TECHNICAL DETAILS
W-14

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



MATERIALS

ITEM	QUAN	DESCRIPTION
1	1	DOUBLE CHECK VALVE ASSEMBLY
2	2	NON-RISING RESILIENT SEAT GATE VALVES
3	4	TEST COCKS
4	2	COMPANION FLANGE
5		DUCTILE IRON PIPE, CUT TO FIT
6	8	CARBON STEEL EYE BOLTS
7		3/4 GALV. ALL THREAD ROD
8		MEGA LUG OR EQUIVALENT FOR DUCTILE PIPE
9	2	2" SCH. 40 GALV. PIPE STAND & BASE BOLTED TO FLANGE
10		PIT-CEMENT BLOCK, POURED CONCRETE, OR PREFABRICATED BOX PER CITY SPECS.
11		3/8 ALUM. FLOOR PLATE / HATCH COVER W/FLUSH HANDLE
12		2' X 2' MIN. HATCH

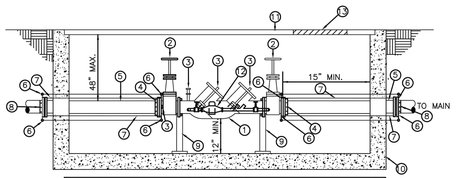
NOTE:
1. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE), UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
2. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTION DEVICE; UNDER NO CIRCUMSTANCE, SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION, OTHER THAN BACKFLOW DEVICE TESTING.

TYPICAL BELOW GRADE INSTALLATION
(3", 4", 6", 8", & 10" SIZES)

DOMESTIC DOUBLE CHECK VALVE ASSEMBLY (B)

City of Port Wentworth
TECHNICAL DETAILS
W-21

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



MATERIALS

ITEM	QUAN	DESCRIPTION
1	1	DOUBLE DETECTOR CHECK VALVE ASSEMBLY
2	2	OS&Y RESILIENT SEAT GATE VALVES
3	4	TEST COCKS
4	2	COMPANION FLANGE (UNION SHALL BE USED FOR 2")
5		DUCTILE IRON PIPE, CUT TO FIT
6	8	CARBON STEEL EYE BOLTS
7		3/4 GALV. ALL THREAD ROD
8		MEGA LUG OR EQUIVALENT FOR DUCTILE PIPE
9	2	2" SCH. 40 GALV. PIPE STAND & BASE BOLTED TO FLANGE
10		PIT-CEMENT BLOCK, POURED CONCRETE, OR PREFABRICATED BOX PER CITY SPECS.
11		3/8 ALUMINUM FLOOR PLATE / HATCH COVER
12	1	3/4 CUBIC FT. BYPASS METER
13		2' X 2' MIN. HATCH

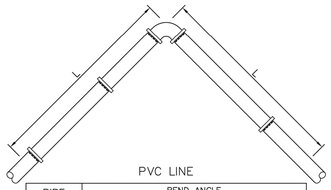
NOTES:
1. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR THE SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
2. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER; UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION, OTHER THAN BACKFLOW DEVICE TESTING.
3. IF ADDITIONAL SIAMESE CONNECTION IS REQUIRED FOR FIRE SERVICE, SEE DETAIL SHEET STD. FIRE SERVICE SYSTEM FOR BUILDINGS.

TYPICAL BELOW GRADE INSTALLATION
(2", 3", 4", 6", 8", & 10" SIZES)

FIRE SYTEM DOUBLE DETECTOR CHECK VALVE

City of Port Wentworth
TECHNICAL DETAILS
W-22

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



PVC LINE

PIPE DIA.	BEND ANGLE			
	11 1/4°	22 1/2°	45°	90°
4	3	6	12	29
6	4	8	17	41
8	5	11	22	53
10	6	13	26	64
12	7	15	31	75

DUCTILE IRON LINE

PIPE DIA.	BEND ANGLE			
	11 1/4°	22 1/2°	45°	90°
4	2	4	8	20
6	3	6	12	28
8	4	7	15	36
10	4	9	18	43
12	5	10	21	51
16	6	13	27	65
20	8	16	33	79
24	9	18	38	92

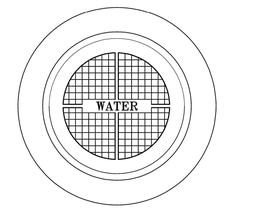
MINIMUM RESTRAINED LENGTH (L)

NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

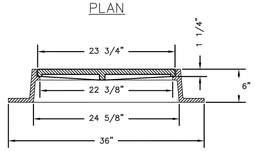
STANDARD HORIZONTAL BEND RESTRAINT

City of Port Wentworth
TECHNICAL DETAILS
W-27

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



PLAN



SECTION

NOTE:
MANHOLE RING & COVER SHALL BE HEAVY DUTY RATED EQUAL TO U. S. FOUNDRY CO. USF 195-ORS. TOTAL WEIGHT 325# TYPE "C" LID TO HAVE MACHINED BEARING SURFACES. LID TO BE LETTERED 2 1/2" -3" LETTER HEIGHT "WATER" (NON VENTED). MANHOLE RING SHALL INCLUDE A WATERTIGHT GASKET. STACKING CLEATS ON THE BOTTOM OF THE COVER SHALL NOT BE ALLOWED.

MANHOLE RING & COVER

City of Port Wentworth
TECHNICAL DETAILS
W-34

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENAGEL
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

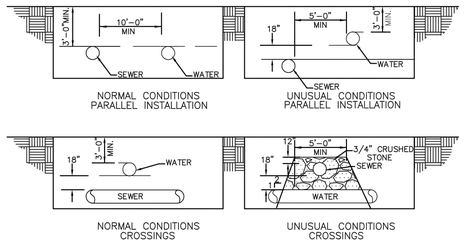
REV.	DATE:	DESCRIPTION	BY:
1	5-8-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS
2	5-17-21	REVISED PER CITY OF PORT WENTWORTH COMMENTS	PSS

HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA
WATER DETAILS

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET
21 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



NOTES:

THE SEPARATION OF WATER MAINS AND SEWERS SHALL COMPLY WITH THE GEORGIA ENVIROMENTAL PROTECTION DIVISION MINIMUM STANDARDS FOR PUBLIC WATER SYSTEMS, WHICH ARE GENERALLY AS FOLLOWS:

A. PARALLEL INSTALLATION:

1. NORMAL CONDITIONS: THE INSIDE EDGE OF A WATER LINE SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM THE INSIDE EDGE OF ANY SANITARY SEWER, STORM SEWER OR SEWER MANHOLE.
2. UNUSUAL CONDITIONS: WHEN LOCAL CONDITIONS PREVENT A HORIZONTAL SEPARATION OF 10 FEET, AND WHEN APPROVED BY THE ENGINEER, THE INSIDE EDGE OF A WATER MAIN MAY BE LAID A MINIMUM OF 5 FEET FROM THE INSIDE EDGE OF A SEWER PROVIDED THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER (SEE DETAIL), AND THE WATER MAIN IS LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF.

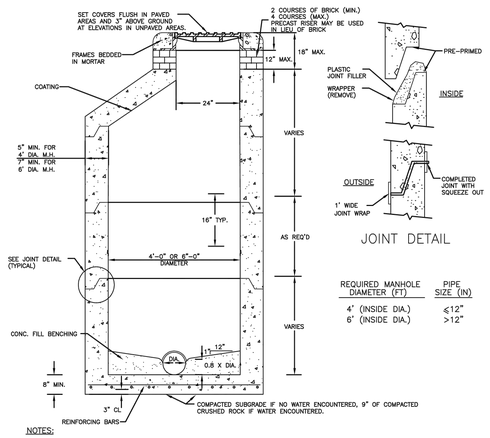
B. CROSSINGS:

1. NORMAL CONDITIONS: WHENEVER POSSIBLE, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER.
2. UNUSUAL CONDITIONS: IF A WATER MAIN MUST CROSS UNDER A SEWER, THE TOP OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES LOWER THAN THE BOTTOM OF THE SEWER, THE WATER MAIN PIPE SHALL BE CENTERED AT THE CROSSING SO THAT THE JOINTS ARE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER, AND ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE SEWER AT THE CROSSING. ADEQUATE STRUCTURAL SUPPORT SHALL INCLUDE BACKFILLING THE ENTIRE UTILITY CROSSING AREA WITH 3/4" CRUSHED STONE AS SHOWN IN THE DETAIL.

MINIMUM WATER & SEWER PIPE SEPARATION

City of Port Wentworth
TECHNICAL DETAILS
U-3

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



REQUIRED MANHOLE DIAMETER (FT)	PIPE SIZE (IN)
4' (INSIDE DIA.)	≤12"
6' (INSIDE DIA.)	>12"

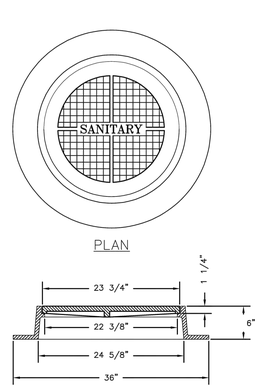
NOTES:

1. PRECAST REINFORCED CONCRETE TOPS, RISERS, BASES AND REBARS SHALL CONFORM TO LATEST ASTM C-478 STD. SPECIFICATIONS.
2. INTERIOR OF MANHOLE SHALL BE COATED IN ACCORDANCE WITH CITY OF PORT WENTWORTH STD. SPECIFICATIONS. THE EXTERIOR OF MANHOLE SHALL BE COATED WITH CONSEAL CS-55 DAMP-PROOF COATING OR EQUAL
3. MANUFACTURER CERTIFICATION THAT MANHOLE MEETS ASTM SPECIFICATION SHALL BE SUBMITTED TO CITY OF PORT WENTWORTH.
4. SEE DETAIL SHEET FOR MANHOLE COVER & FRAME.
6. BUOYANCY MAY NEED TO BE CHECKED IF NECESSARY
7. ALL PIPE PENETRATIONS SHALL HAVE A BOOT CONNECTION. SEE DETAIL S-6.

PRECAST CONCRETE MANHOLE

City of Port Wentworth
TECHNICAL DETAILS
S-1

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



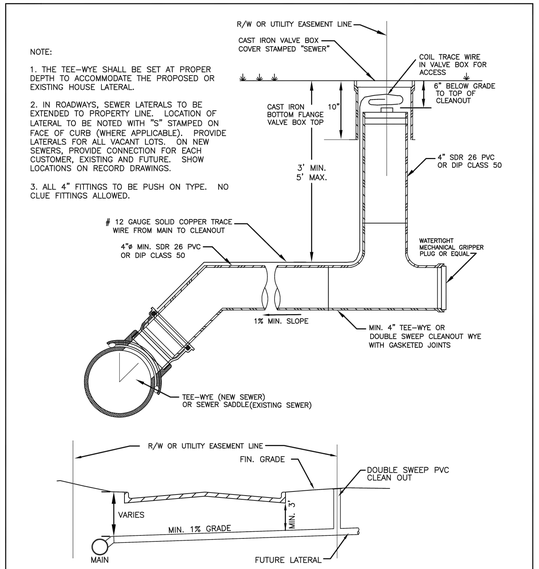
NOTE:

MANHOLE RING & COVER SHALL BE HEAVY DUTY RATED EQUAL TO U. S. FOUNDRY CO. USF 195-ORS. TOTAL WEIGHT 325# TYPE "C" LID TO HAVE MACHINED BEARING SURFACES. LID TO BE LETTERED 2 1/2" -3" LETTER HEIGHT "SANITARY" (NON VENTED). MANHOLE RING SHALL INCLUDE A WATERTIGHT GASKET. STACKING CLEATS ON THE BOTTOM OF THE COVER SHALL NOT BE ALLOWED.

MANHOLE RING & COVER

City of Port Wentworth
TECHNICAL DETAILS
S-2

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



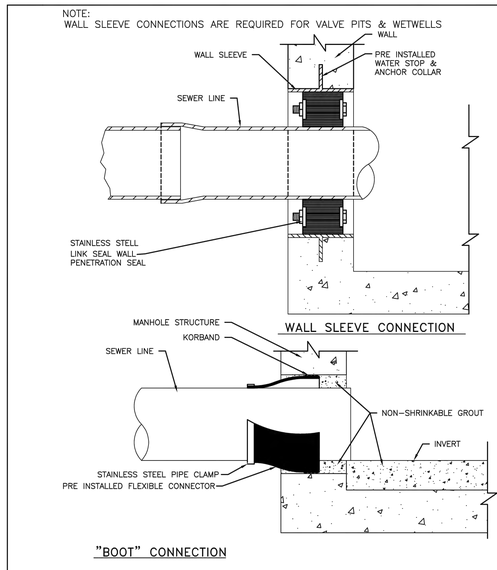
NOTE:

1. THE TEE-WYE SHALL BE SET AT PROPER DEPTH TO ACCOMMODATE THE PROPOSED OR EXISTING HOUSE LATERAL.
2. IN ROADWAYS, SEWER LATERALS TO BE EXTENDED TO PROPERTY LINE. LOCATION OF LATERAL TO BE NOTED WITH "S" STAMPED ON FACE OF CURB (WHERE APPLICABLE). PROVIDE LATERALS FOR ALL VACANT LOTS. ON NEW SEWERS, PROVIDE CONNECTION FOR EACH CUSTOMER, EXISTING AND FUTURE. SHOW LOCATIONS ON RECORD DRAWINGS.
3. ALL 4" FITTINGS TO BE PUSH ON TYPE. NO CLUE FITTINGS ALLOWED.

SANITARY SEWER SERVICE CONNECTION

City of Port Wentworth
TECHNICAL DETAILS
S-4

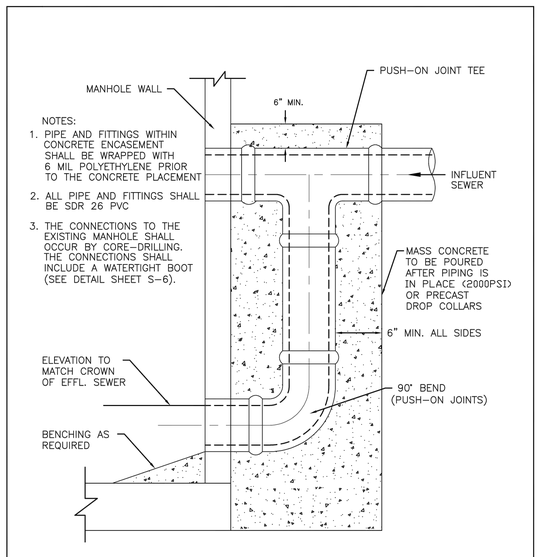
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



PRECAST STRUCTURE PIPE CONNECTION

City of Port Wentworth
TECHNICAL DETAILS
S-6

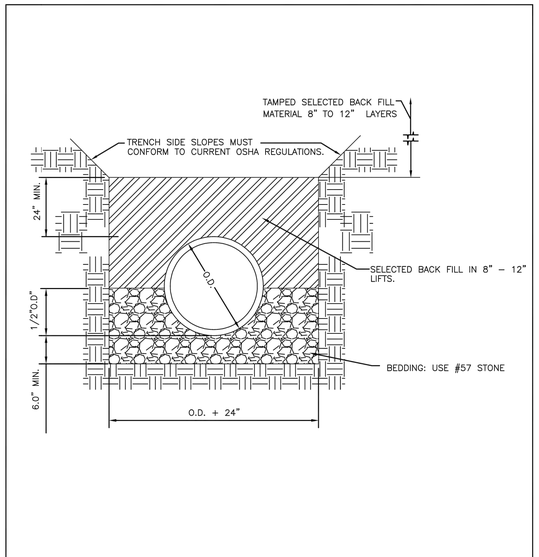
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



DROP MANHOLE CONNECTION

City of Port Wentworth
TECHNICAL DETAILS
S-7

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



PIPE BEDDING

City of Port Wentworth
TECHNICAL DETAILS
S-8

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER C. SCHOENAU
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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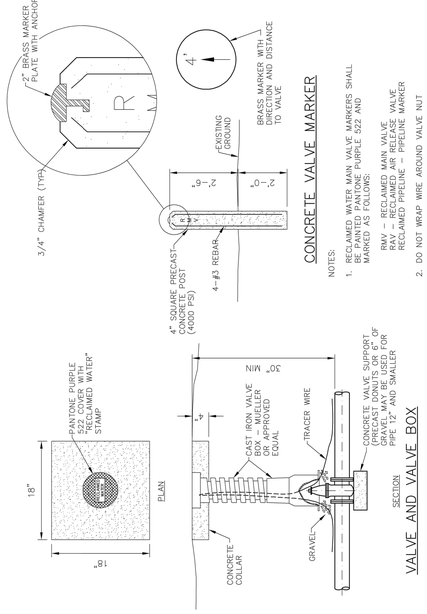
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

SEWER DETAILS

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET
22 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



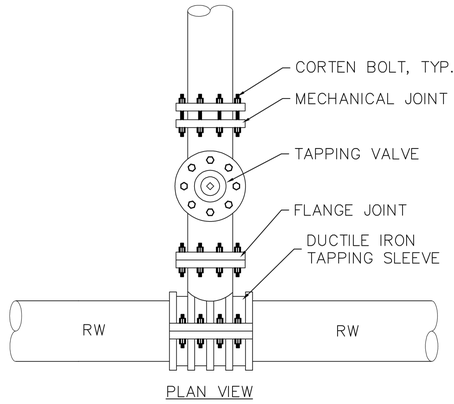
WATER VALVE 4" OR 6"

City of Port Wentworth
TECHNICAL DETAILS

RW–6

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



NOTE:
1. THE TAPPING SLEEVE AND VALVE MUST BE INSTALLED IN A MANHOLE. SEE DETAIL RW–5 FOR THE MANHOLE DETAIL.

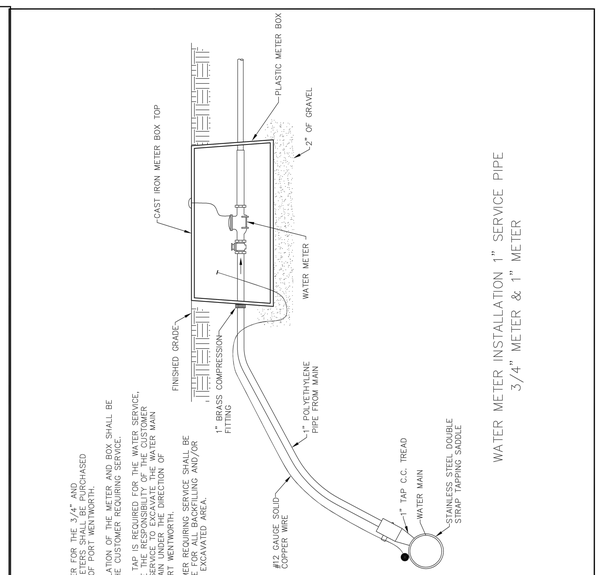
STANDARD TAPPING SLEEVE

City of Port Wentworth
TECHNICAL DETAILS

RW–9

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



NOTES:
1. WATER METER FOR THE 3/4" AND 1" WATER METERS SHALL BE PURCHASED FROM CITY OF PORT WENTWORTH.
2. THE INSTALLATION OF THE METER AND BOX SHALL BE DONE BY THE CUSTOMER REQUIRING SERVICE.
3. IF A WATER TAP IS REQUIRED FOR THE WATER SERVICE, IT SHALL BE THE RESPONSIBILITY OF THE CUSTOMER REQUIRING SERVICE TO CONTACT THE WATER MAIN AND TAP MAIN UNDER THE DIRECTION OF CITY OF PORT WENTWORTH.
4. THE CUSTOMER REQUIRING SERVICE SHALL BE RESPONSIBLE FOR ALL PAVING AND/OR REPAIRS OF EXCAVATED AREA.

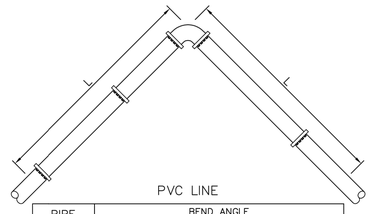
WATER METER INSTALLATION 1" SERVICE PIPE

City of Port Wentworth
TECHNICAL DETAILS

RW–11

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



PVC LINE

PIPE DIA.	BEND ANGLE			
	11 1/4°	22 1/2°	45°	90°
4	3	6	12	29
6	4	8	17	41
8	5	11	22	53
10	6	13	26	64
12	7	15	31	75

DUCTILE IRON LINE

PIPE DIA.	BEND ANGLE			
	11 1/4°	22 1/2°	45°	90°
4	2	4	8	20
6	3	6	12	28
8	4	7	15	36
10	4	9	18	43
12	5	10	21	51
16	6	13	27	65
20	8	16	33	79
24	9	18	38	92

MINIMUM RESTRAINED LENGTH (L)

NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

STANDARD HORIZONTAL BEND RESTRAINT

City of Port Wentworth
TECHNICAL DETAILS

RW–18

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



DUCTILE IRON LINE	
PIPE DIA.	L
4	28
6	40
8	52
10	62
12	73
16	94
20	114
24	132

PVC LINE	
PIPE DIA.	L
4	52
6	74
8	96
10	115
12	136

NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LIMITS CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. FOR LINE STUBS (SEE DETAIL W39), THE LENGTH OF RESTRAINT (L) SHALL BE FROM THE VALVE AND NOT THE CAP.

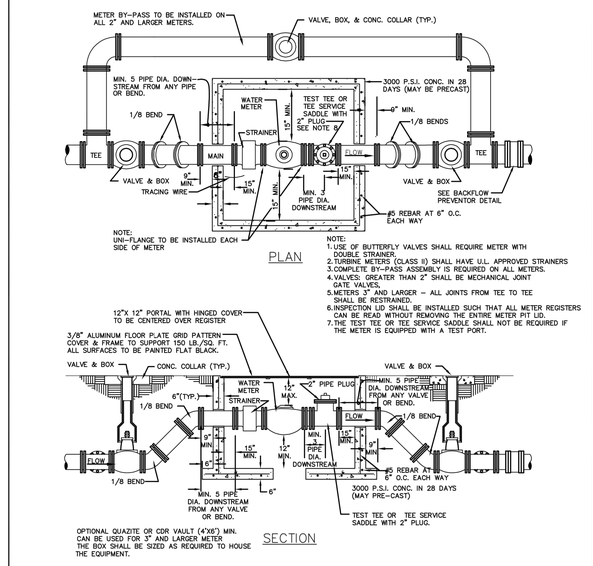
STANDARD DEAD END RESTRAINT

City of Port Wentworth
TECHNICAL DETAILS

RW–22

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



WATER METER INST. 3" AND LARGER

City of Port Wentworth
TECHNICAL DETAILS

W–15

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER SCHOENLAUB
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	BY:	DESCRIPTION
1	5-6-21	PSS	REVISED PER CITY OF PORT WENTWORTH COMMENTS
2	5-17-21	PSS	REVISED PER CITY OF PORT WENTWORTH COMMENTS

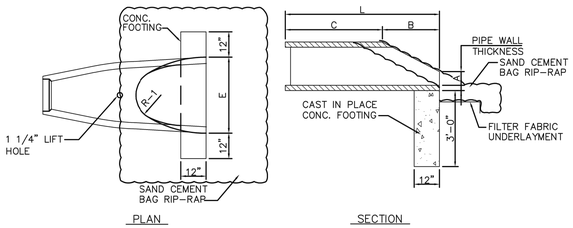
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

WATER AND RE-USE WATER DETAILS

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
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SHEET
23 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



FLARE DIMENSIONS						
PIPE DIA.	A	B	C	L	E	R-1
15"	6"	2'-3"	3'-10"	6'-1"	2'-6"	1'-0"
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	1'-4"
24"	10"	3'-8"	2'-6"	6'-2"	4'-0"	1'-5"
30"	12"	4'-6"	1'-8"	6'-2"	5'-0"	1'-6"
36"	16"	5'-3"	2'-11"	8'-2"	6'-0"	2'-0"
42"	21"	5'-3"	2'-11"	8'-2"	6'-6"	2'-4"
REINFORCEMENT CONFORMS TO ASTM A-82						

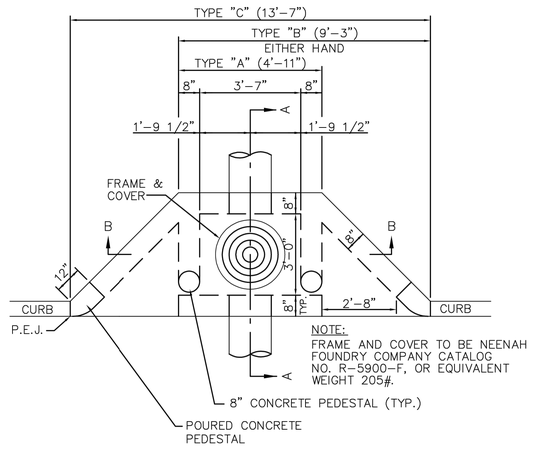
FLARED END SECTION

City of Port Wentworth
TECHNICAL DETAILS

SD-11

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



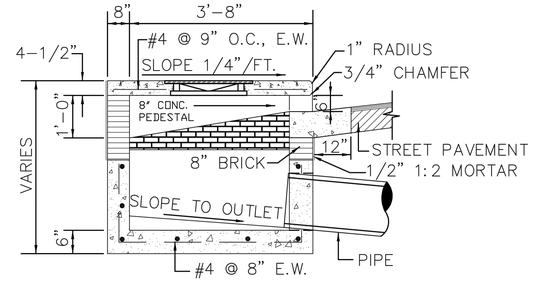
PLAN OF CURB INLET

City of Port Wentworth
TECHNICAL DETAILS

SD-1

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



NOTES:
1. CHAMFER ALL EXPOSED CONCRETE EDGES 3/4"
2. PIPE TIEING TO CURB INLET MUST BE SEALED INSIDE AND OUTSIDE OF STRUCTURE WITH BRICK AND MORTAR

CURB INLET SECTION A - A

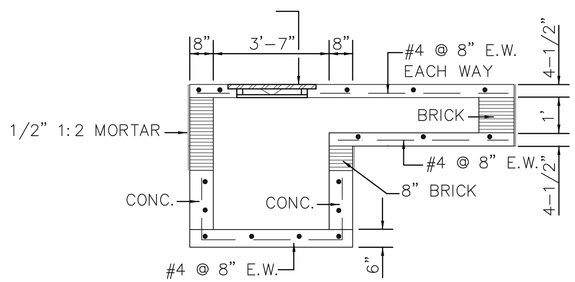
City of Port Wentworth
TECHNICAL DETAILS

SD-3

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007

NOTE:
C.I. MANHOLE FRAME AND COVER EQUIVALENT TO NEENAH R-5900-F. FRAME AND COVER TO BE MACHINE FITTED PRIOR TO LEAVING SHOP. WEIGHT - 205 LBS.



NOTES:
1. MATCH TOP OF PIPE ELEVATIONS WHEN DIFFERENT SIZE PIPES ARE CONSTRUCTED IN CURB INLET.
2. TYPE "B" INLET SHOWN

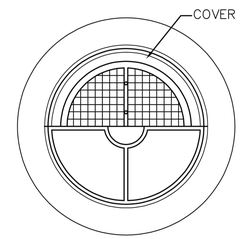
CURB INLET SECTION B - B

City of Port Wentworth
TECHNICAL DETAILS

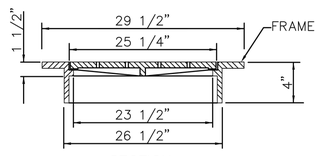
SD-4

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007



PLAN



SECTION

NOTES:
1. FRAME AND COVER TO BE NEENAH FOUNDRY COMPANY CATALOG NO. R-5900-F OR EQUIVALENT WEIGHT 205#.
2. COVER MUST HAVE FOUNDRY STAMP SHOWING THE UTILITY (DRAINAGE).

INLET FRAME & COVER

City of Port Wentworth
TECHNICAL DETAILS

SD-5

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.
DATED: FEBRUARY 2007

GEORGIA REGISTERED No. 30623 PROFESSIONAL ENGINEER PETER S. SCHOENAUER

5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

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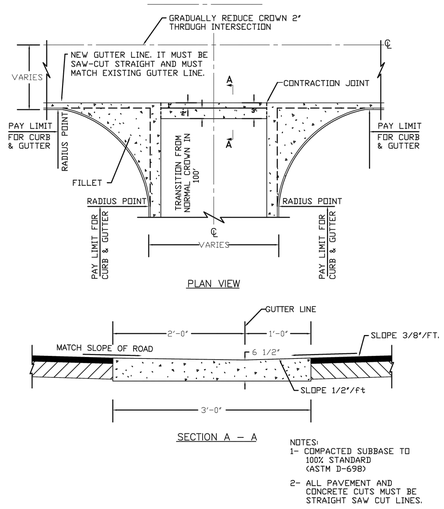
HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

STORM DRAIN DETAILS

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
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SCALE: AS SHOWN

SHEET 24 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)



NOTES:
1- COMPACTED SUBBASE TO 100% STANDARD (ASTM D-698)
2- ALL PAVEMENT AND CONCRETE CUTS MUST BE STRAIGHT SAW CUT LINES.

CONCRETE SWALE WITH FILLETS

City of Port Wentworth
TECHNICAL DETAILS
P-7

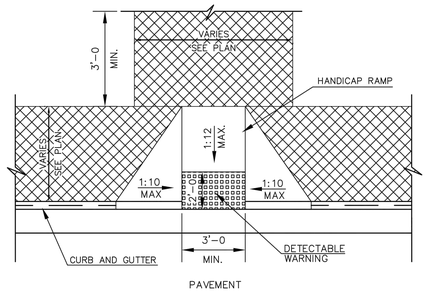
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

DETECTABLE WARNINGS ON WALKING SURFACE OF HANDICAP RAMP

DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN (23mm). A HEIGHT OF NOMINAL 0.2 IN (5mm) AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN (60mm) AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.

THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE INTEGRAL PART OF THE WALKING SURFACE. DETECTABLE WARNINGS USED ON SURFACES SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND-ON-CANE

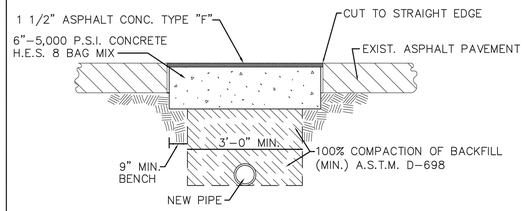
SURFACES SHALL MEET THE ADA ACCESSIBILITY GUIDELINES SECTION 4.29.2.



HANDICAP RAMP TYPE "A"

City of Port Wentworth
TECHNICAL DETAILS
P-4

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

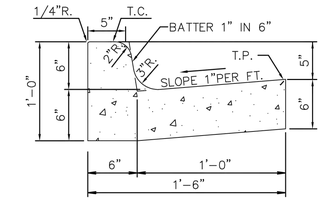


NOTE:
1. ALL LATERAL STREET CUTS MUST BE COVERED WITH STEEL PLATES OF SUFFICIENT THICKNESS TO SPAN THE CUT WITHOUT NOTICEABLE DEFLECTION. PLATES TO REMAIN IN PLACE UNTIL THE CONCRETE BASE HAS GAINED SUFFICIENT STRENGTH TO WITHSTAND TRAFFIC LOADS (24 HOUR MINIMUM).
2. LONGITUDINAL CUTS EXCEEDING 150 FT. IN LENGTH, THE CONCRETE IN TRENCH WILL BE BROUGHT FLUSH WITH THE EXISTING PAVEMENT. THE EXIST. PAVING WILL BE SAW CUT TO A STRAIGHT EDGE AND THE ENTIRE WIDTH OF ROADWAY RESURFACED WITH A MINIMUM OF 1" OF TYPE "F" ASPHALT TOPPING OR SURFACE COURSE.

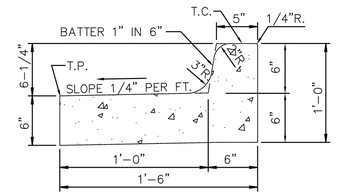
BITUMINOUS PAVEMENT REPLACEMENT

City of Port Wentworth
TECHNICAL DETAILS
P-9

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



NORMAL GUTTER



PITCHED GUTTER

NOTE: COMPACT SUBGRADE TO 98% (ASTM D698-00ael)

18" CURB & GUTTER

City of Port Wentworth
TECHNICAL DETAILS
P-3

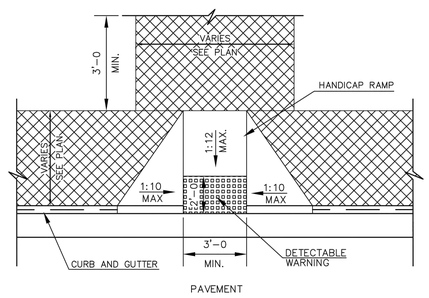
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

DETECTABLE WARNINGS ON WALKING SURFACE OF HANDICAP RAMP

DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN (23mm). A HEIGHT OF NOMINAL 0.2 IN (5mm) AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN (60mm) AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.

THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE INTEGRAL PART OF THE WALKING SURFACE. DETECTABLE WARNINGS USED ON SURFACES SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND-ON-CANE

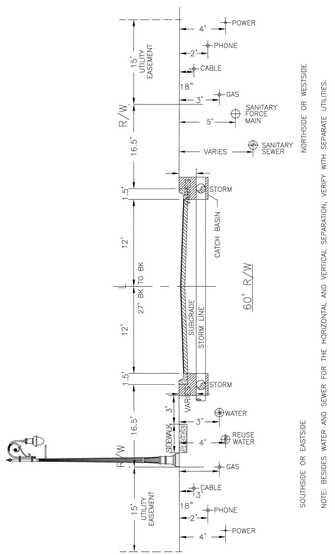
SURFACES SHALL MEET THE ADA ACCESSIBILITY GUIDELINES SECTION 4.29.2.



HANDICAP RAMP TYPE "A"

City of Port Wentworth
TECHNICAL DETAILS
P-4

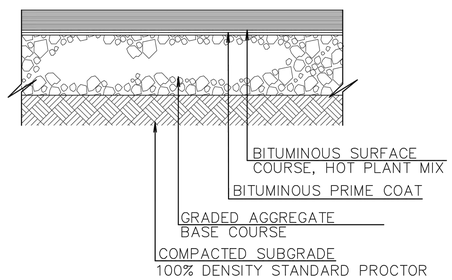
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



TYP. SECTION UNDERGROUND UTILITY INSTALLATION

City of Port Wentworth
TECHNICAL DETAILS
U-1

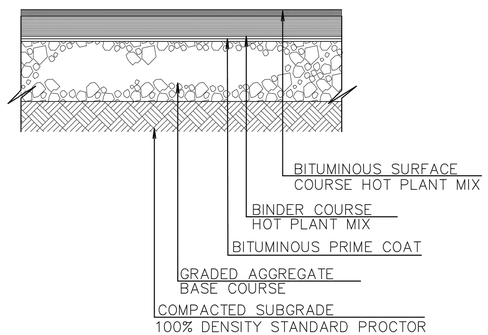
PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



TYPICAL BITUMINOUS PAVING SECTION

City of Port Wentworth
TECHNICAL DETAILS
P-1

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007



HEAVY DUTY BITUMINOUS PAVE SECTION

City of Port Wentworth
TECHNICAL DETAILS
P-2

PREPARED BY SAUSSY ENGINEERING, LLC.
SCALE: N.T.S.
DATED: FEBRUARY 2007

GEORGIA REGISTERED No. 30626 PROFESSIONAL ENGINEER PETER SCHOENAUER
5-17-21

TIDEWATER ENGINEERING, INC.
200 PLANTATION CHASE, SUITE 14
ST. SIMONS ISLAND, GEORGIA 31522
PHONE (912) 268-2164 FAX (912) 289-0361

REV.	DATE:	BY:	DESCRIPTION
1	5-8-21	PSS	REVISED PER CITY OF PORT WENTWORTH COMMENTS
2	5-17-21	PSS	REVISED PER CITY OF PORT WENTWORTH COMMENTS

HOME 2 SUITES
MAGELLAN BOULEVARD
PORT WENTWORTH, GA

STREET AND SITE DETAILS

DRAWN: pss
APPROVED: pss
DATE: 01-15-21
PROJ#: 21-022
SCALE: AS SHOWN

SHEET
25 OF 25

Attachment: Magellen Blvd Home 2 Suites Specific Site Plan MAY 2021-Site Plan 5.17.21 (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

CITY OF PORT WENTWORTH

PLANNING COMMISSION

MAY 10, 2021

Council Meeting Room | **Regular Meeting** | **7:00 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Chairman CJ Neesmith called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Vice-Chairman Rufus Bright led the Prayer and Pledge of Allegiance.

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Present	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Chairman	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Apr 12, 2021 6:30 PM

RESULT:	**ACCEPTED AS AMENDED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

6. ZONING MAP AMENDMENTS (REZONING)

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

A. Site Plan Review Application submitted by NGI Acquisitions, LLC., on behalf of Tom Exley for PIN # 7-0907-01-003 (Highway 21) for a General Development Site Plan to allow a Multifamily Apartment Complex (Novare) in a P-RIP (Planned Residential Institutional) Zoning District

Mr. Harvey stated the application was completed. Scott Munson with Thomas & Hutton was present on behalf of the applicant. Mr. Munson gave a overview of the project. Commissioner Nelson asked where the property was located. Mr. Munson responded that the closest properties would be the Pineforest subdivision. Commissioner Morris asked if the density exhibit that was received is acceptable for this type of site plan application. Mr. Harvey responded that the provided plan was acceptable due to this is a general development site plan application. There were no public comments. Commissioner Bright made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

B. Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

The applicant, Chad Zittrouer was present and gave a overview of the project. Commissioner Morris asked if the access to this site was on Hendley Road. Mr. Zittrouer responded yes the access was off Hendley Road and that all the improvements to Hendley Road that was required when at the time of Rezoning of the property would be done in conjunction with this project. Rob Sangdahl, Lineage Logistics, gave a overview of what Lineage is, a cold storage supply chain management company, and how their process works. They will process imported produce from the Ports by taking in the bulk fruit / vegetable, fumigate if needed, repackage and export out to stores for sale. Mr. Sangdahl stated that they estimate around 65 jobs and about 80 truck a day. The overall project is a reduction in size than shown in the concept plan that was presented during the rezoning process. Richard Desmeule, RKB Architects, spoke about the building construction. Commissioner Franklin asked to confirm the location on Hendley Road and how the trucks would come and go from the site. Mr. Sangdahl stated that the trucks will have to go to and from the site via Hendley Road and Highway 21. Mr. Zittrouer stated they would have a turnaround at the entrance for any truck that come down Hendley Road to be able to safely turn around to go back out to Highway 21. The improvements that will be done at the intersection of Highway 21 and Hendley Road include a extension of the existing left turn lane on Highway 21 and a dedicated right turn lane on Hendley Road to Highway 21. Mr. Zittrouer also explained that a traffic analysis had been conducted and a traffic light was warranted according to the study but does not guarantee GDOT would allow a red light at the intersection of Hendley Road and Highway 21. Commissioner Nelson asked about the benefit to the community with only 65 jobs added and if Lineage had reached out to the community. Mr. Zittrouer responded that Lineage has had very little contact with the community but the current owner of the entire industrial park had a meeting with the community several weeks ago and agreed to deed approximately 10 acres to the Church at the end of Monteith Road. Commissioner Morris asked if this the only development that will take place on Hendley Road. Mr. Zittrouer respond no this would not be the only development in the Park. Commissioner Morris asked if the greenery showed on the plan would remain or if it would be removed. Mr. Zittrouer responded that the greenery would remain surrounding the building. Commissioner Rollf asked how many trucks would be allowed on the left turn lane on Highway 21. Mr. Zittrouer answered that the turn lane on highway 21 would exceed the required length by GDOT. Commissioner Nelson asked if the road improvements would be completed during the Lineage project. Mr. Zittrouer responded they would be completed in conjunction with the Lineage project and that the landowners are under contractual agreement to complete the improvements

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

and that no certificate of occupancy would be issued until the improvements were done. Chairman Neesmith asked if the fumigation process was chemical or ultraviolet. Mr. Sangdahl responded it was chemical. There were no public comments. Commissioner Morris made a motion to approve. Commissioner Bright seconded the motion to approve. Commissioner's Herrin, Bright, Franklin, Rollf and Morris voted Yes. Commissioner Nelson voted No. The motion passes 5-1.

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris
NAYS:	Nelson

C. Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

The applicant Pete Schoenauer, Tidewater Engineering was present. Mr. Schoenauer gave a overview of the project and offered to answer any questions. Commissioner Rollf asked where the location of this project was. Mr. Schoenauer answered the project was behind Bojangles on Magellan Blvd. Commissioner Morris asked if the entire site would be cleared. Mr. Schoenauer responded that yes the whole site would be cleared, so that the stormwater linear pond that would serve the entire parcel. Commissioner Nelson asked if they had a estimated completion date. Mr. Schoenauer responded that he does not have a date but the owners were ready to start as soon as they had all their approvals. There were no public comments. Commissioner Franklin made a motion to approve the application. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

D. Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

The applicant, Lamar Mercer, Thomas & Hutton, was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. Mercer responded that not in the Lakeside phase. Commissioner Morris asked if the documents in the letter in the packet were under review by the City. Mr. Harvey responded that the close out package was under review by the City. There were no public comments. Commissioner Franklin made a motion to approve. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

E. Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

The applicant, Neil McKenzie, Coleman Company Inc., was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. McKenzie responded that yes. There were no public comments. Commissioner Rollf made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Wanda Rollf, Planning Commissioner
SECONDER:	Bill Herrin, Rosetta Franklin
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

9. NEW BUSINESS

10. ADJOURNMENT

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

_____
Chairman

The foregoing minutes are true and correct and approved by me on this _____ day of _____, 2021.

_____
Secretary

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2436 : Site Plan Review Application (Specific) Magellan Blvd Home 2 Suites)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2437)

DOC ID: 2437

Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

Issue/Item: Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

Background: The subject property is currently vacant woodland. There are no buildings or structures on the subject property.

Facts and Findings: The general site plan consist of a 219,400 square foot warehouse / distribution center. The site plan also includes associated parking, utilities, drainage and infrastructure improvements.

Funding: N/A

Recommendation: The Planning Commission will hear this application on Monday, May 10, 2021 at 7:00 PM. **/ UPDATE: THE PLANNING COMMISSION VOTED 5-1 TO APPROVE THE APPLICATION.**

ATTACHMENTS:

- 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (PDF)
- 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Timeline (PDF)
- 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Site Plan 3.15.21 (PDF)
- 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Rendered Elevations (PDF)
- Planning Commission Minutes May 10, 2021 DRAFT (PDF)

210107

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

RECEIVED
MAR 25 20
BY: MBC

Site Plan Review Application

Site Plan Application is required for all new construction in a "P" or "MPO" zone as defined in the Zoning Ordinance of the City of Port Wentworth.

Site Plan Type (*Check One*): ☒ General / Concept ☐ Specific Development

Site Plan Address: 0 Hendley Road

PIN #(s): Portion of 7-0977-01-028

Zoning: P-I-2 Estimated Cost of Construction: $

Type of Construction: Primarily Concrete Tilt-Wall Construction.

Applicant's Name: Kern & Co., LLC - Chad Zittrouer

Mailing Address: P O Box 15179 - Savannah, GA 31416

Phone #: 912-354-8400 Email: czittrouer@kernengineering.com

Developer Entity: Lineage Logistics
Owner's Name (If Different form Applicant): CH Realty IX - Sansone I Savannah 21-95, L.P.

Mailing Address: 3819 Maple Ave - Dallas, TX 75219

Developer Contact: Ken Burke
Phone #: 402-660-0989 Email: kburke@lineagelogistics.com

I hereby acknowledge that the above information is true and correct.

Chad Zittrouer

Applicant's Signature Date

See Exhibit A

Owner's Signature (If Different form Applicant) Date

Please see page 2 for required submittal checklist

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (2437 : Site Plan Review Application (General) 7-

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

Site Plan Review Application Submittal Checklist

Documentation below is required for a complete submittal.

- ☒ Signed and Completed Application
- ☒ 3 Full size sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☒ 15 half size (11" X 17") sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☐ 2 copies of hydrology reports (if applicable) N/A for concept
- ☒ Names, mailing address, and PIN number of all property owners within 250 feet of all property lines
- ☒ 1 8 ½" X 11" of site plan civil drawings or concept plan (depending on type of site plan)
- ☒ PDF of entire submittal (either flash drive or CD)
- ☐ Other Engineering details or reports may be required once submittal has been received
- ☒ Site plan review fee check
    - No Land Disturbance- $206.00 Site Plan Fee + $50.00 Admin Fee = Total $256.00
    - With Land Disturbance - $836.00 Site Plan Fee + $50.00 Admin Fee = Total $886.00

Additional Fee Statement: If engineer review cost to the City exceeds the site plan review fee that is paid at the time of initial application submittal, you may be required to pay additional review cost.

I have read and agree to the above additional fee statement

Chad Zittrouer

Applicant's Signature

Date

Updated 4/28/2020

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (2437 : Site Plan Review Application (General) 7-0977-

EXHIBIT A

CH REALTY IX-SANSONE I SAVANNAH 21-95, L.P., a Delaware limited partnership

By: CH Realty IX/I Savannah 21-95 GP, L.L.C., a Delaware limited liability company, its general partner

By: Fund IX Managers, L.L.C., a Texas limited liability company, its manager

By: _____
Name: Matthew E. Colter
Title: Vice President

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (2437 : Site Plan Review Application (General) 7-

ADJACENT PROPERTY OWNERS

PROPERTY	PIN	OWNER	ADDRESS
1	7-0976-02-021	D.B. ASTER III LLC	250 GILBRALTAR ROAD, HORSHAM, PA 19044
2	7-0037-02-002A	PFJ SOUTHEAST LLC	PO BOX 54650, LEXINGTON, KY 40555
3	7-0037-02-002	PFJ SOUTHEAST LLC	PO BOX 54650 LEXINGTON, KY 40555
4	7-0037-01-043	ENMARK STATION INC	PO BOX 728 SAVANNAH, GA. 31402
5	1-0903-02-013	GEORGIA PORTS AUTHORITY	PO BOX 2406 SAVANNAH, GA. 31402
6	1-0903-02-003	GEORGIA PORTS AUTHORITY	PO BOX 2406 SAVANNAH, GA. 31402
7	1-0903-05-012	GEORGIA PORTS AUTHORITY	PO BOX 2406 SAVANNAH, GA. 31402
8	7-0979-01-001	MANER, FREDRICK D.	PO BOX 30032 SAVANNAH, GA. 31410
9	7-0979-01-002	ADAMS & DAISE SANDRA D & DARREL M.	26 DEVON DR WEST ORANGE NJ 07052
10	7-0979-01-003	STEELE, ALEXANDER	602 W. 45TH STREET SAVANNAH, GA. 31405
11	7-0979-01-004	WHITE OAK BAPTIST CHURCH	135 MONTEITH ROAD, SAVANNAH, GA. 31407
12	7-0979-01-005	HICKS, FANNIE MAE	143 MONTIETH ROAD, SAVANNAH, GA. 31407
13	7-0979-01-008	UTTERMOST SAVANNNAH LLC	PO BOX 16134 SAVANNAH, GA. 31416
14	7-0977-01-020	GEORGIA POWER COMPANY	241 RALPH MCGILL BLVD NE, ATLANTA, GA 30308

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (2437 : Site Plan Review Application (General) 7-

15	7-0977-01-019	GEORGIA POWER COMPANY	241 RALPH MCGILL BLVD NE, ATLANTA, GA 30308
16	7-0977-01-018	GEORGIA POWER COMPANY	241 RALPH MCGILL BLVD NE, ATLANTA, GA 30308
17	7-0977-01-017	GEORGIA POWER COMPANY	241 RALPH MCGILL BLVD NE, ATLANTA, GA 30308
18	7-0977-01-016	THOMAS, LEON	208 MONTIETH ROAD, SAVANNAH, GA. 31407
19	7-0977-01-015	BRYANT, MAE FRANCES	212 MONTIETH ROAD, SAVANNAH, GA. 31407
20	7-0977-01-014	BRYANT & JONES ROBERT L. & COTEA D.	216 MONTIETH ROAD, SAVANNAH, GA. 31407
21	7-0977-01-013	HURST, WILBERT	220 MONTIETH ROAD, SAVANNAH, GA. 31407
22	7-0977-01-012	STEWART, SHUBERT STEWART THELMA & ROBIN, RUTH & MARION	230 MONTIETH ROAD, SAVANNAH, GA. 31407
23	7-0977-01-011	MOUNT MARIA BAPTIST CHURCH	230 MONTIETH ROAD, SAVANNAH, GA. 31407
24	7-0977-01-010	BODY OF CHRIST CHURCH	201 BIRCH DRIVE, RINCON, GA. 31326
25	7-0977-01-008	UTTERMOST SAVANNAH LLC	PO BOX 16134, SAVANNAH, GA. 31416
26	7-0977-01-024	CZURA WALTER M.	PO BOX 6567, HILTON HEAD, SC 29938
27	7-0977-01-025	CZURA WALTER M.	PO BOX 6567, HILTON HEAD, SC 29938
28	7-0037-02-003	LANDING, TERRY L & MARGIE H.	P.O. BOX 924 BLOOMINGDALE, GA 31302

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (2437 : Site Plan Review Application (General) 7-

CITY OF PORT WENTWORTH

(912) 964-4379

REC#: 00307585 3/30/2021 1:50 PM
OPER: ME TERM: 011
REF#: CK 6868

TRAN: 112.0000 BLDG PERMIT
210107 256.00CR
CH REALTY IX-SANDSONE SAVANNAH
7-0977-01-028
DEV-SPR 256.00CR

TENDERED: 256.00 CHECK
APPLIED: 256.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Application (2437 : Site Plan Review Application (General) 7-

Project Timeline

General Site Plan – Lineage Warehouse Hendley Road

- 3/25/2021—Application Received.
- 3/30/2021—Sent email to Chad Zittrouer, Kern & Co, LLC that we were missing the required PDF and 15 copies of the plan.
- 4/27/2021—Sent follow up email to Chad Zittrouer, Kern & Co, LLC that we were still missing the required PDF & 15 copies of the plan.
- 4/29/2021--- Received missing information.
- 5/10/2021—Planning Commission voted 5-1 to approve the application

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Timeline (2437 : Site Plan Review Application (General) 7-0977-01-



Building Calculations

Total Building Area = 219,400 g.s.f.

COOLER #1 AREA = 13,255 GROSS S.F.
COOLER #2 AREA = 13,200 GROSS S.F.
COOLER #3 AREA = 13,200 GROSS S.F.
COOLER #4 AREA = 13,200 GROSS S.F.
COOLER #5 AREA = 13,200 GROSS S.F.
COOLER #6 AREA = 13,255 GROSS S.F.
INBOUND DOCK AREA = 22,410 GROSS S.F.
OUTBOUND DOCK AREA = 31,040 GROSS S.F.

TOTAL COLD AREA = 133,770 GROSS S.F.

RE-PACK AREA = 14,430 GROSS S.F.
PAVILION AREA = 19,200 GROSS S.F.
FUMIGATION AREA = 14,430 GROSS S.F.
CORRIDOR AREA #1 = 8,010 GROSS S.F.
CORRIDOR AREA #2 = 8,800 GROSS S.F.

OFFICE AREA = 6,155 GROSS S.F. (RECEIVING)
OFFICE AREA = 3,316 GROSS S.F. (SHIPPING)
CORRIDOR AREA = 2,101 GROSS S.F.
SUPPORT OFFICE = 3,178 GROSS S.F.
TOTAL OFFICE AREA = 14,750 GROSS S.F.

FUMIGATION OFFICE = 1,610 GROSS S.F.
MECH AREA = 4,400 GROSS S.F.

TOTAL BUILDING AREA = 219,400 GROSS S.F.

117- Car Spaces

46 - Dock Spaces

80- Trailer Spaces

GRAPHIC SCALE

50' 0 25' 50' 100' 200'

(IN FEET)
1" = 50'-0"

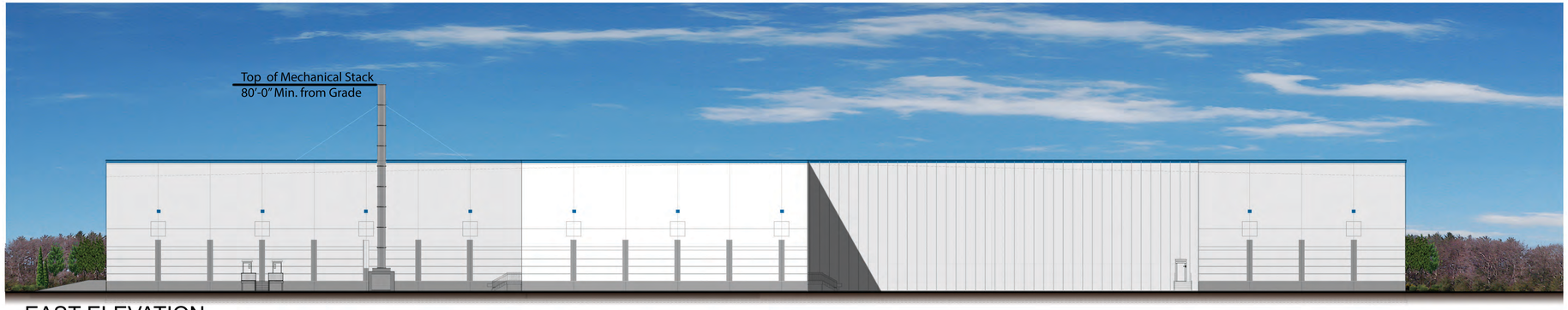
Savannah, GA

Rendered Site Plan

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 – Site Plan 3.15.21 (2437 : Site Plan Review Application (General) 7-0977-01-028 Lineage)



WEST ELEVATION



EAST ELEVATION



SOUTH ELEVATION



NORTH ELEVATION

GRAPHIC SCALE

20' 0 10' 20' 40' 80'

(IN FEET)
1 inch = 20'-0"

Lineage

Savannah, GA

Rendered Elevations

RKB zero campanelli drive, braintree, ma 02184 www.rkbarch.com

ds 14.02B

2026

Attachment: 7-0977-01-028 HENDLEY RD LINEAGE G-SITE PLAN MAY 2021 - Rendered Elevations (2437 : Site Plan Review Application (General) 7-0977-01-028 Lineage)

CITY OF PORT WENTWORTH

PLANNING COMMISSION

MAY 10, 2021

Council Meeting Room | **Regular Meeting** | **7:00 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Chairman CJ Neesmith called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Vice-Chairman Rufus Bright led the Prayer and Pledge of Allegiance.

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Present	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Chairman	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Apr 12, 2021 6:30 PM

RESULT:	**ACCEPTED AS AMENDED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

6. ZONING MAP AMENDMENTS (REZONING)

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2437 : Site Plan Review Application (General) 7-0977-01-028 Lineage)

A. Site Plan Review Application submitted by NGI Acquisitions, LLC., on behalf of Tom Exley for PIN # 7-0907-01-003 (Highway 21) for a General Development Site Plan to allow a Multifamily Apartment Complex (Novare) in a P-RIP (Planned Residential Institutional) Zoning District

Mr. Harvey stated the application was completed. Scott Munson with Thomas & Hutton was present on behalf of the applicant. Mr. Munson gave a overview of the project. Commissioner Nelson asked where the property was located. Mr. Munson responded that the closest properties would be the Pineforest subdivision. Commissioner Morris asked if the density exhibit that was received is acceptable for this type of site plan application. Mr. Harvey responded that the provided plan was acceptable due to this is a general development site plan application. There were no public comments. Commissioner Bright made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

B. Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

The applicant, Chad Zittrouer was present and gave a overview of the project. Commissioner Morris asked if the access to this site was on Hendley Road. Mr. Zittrouer responded yes the access was off Hendley Road and that all the improvements to Hendley Road that was required when at the time of Rezoning of the property would be done in conjunction with this project. Rob Sangdahl, Lineage Logistics, gave a overview of what Lineage is, a cold storage supply chain management company, and how their process works. They will process imported produce from the Ports by taking in the bulk fruit / vegetable, fumigate if needed, repackage and export out to stores for sale. Mr. Sangdahl stated that they estimate around 65 jobs and about 80 truck a day. The overall project is a reduction in size than shown in the concept plan that was presented during the rezoning process. Richard Desmeule, RKB Architects, spoke about the building construction. Commissioner Franklin asked to confirm the location on Hendley Road and how the trucks would come and go from the site. Mr. Sangdahl stated that the trucks will have to go to and from the site via Hendley Road and Highway 21. Mr. Zittrouer stated they would have a turnaround at the entrance for any truck that come down Hendley Road to be able to safely turn around to go back out to Highway 21. The improvements that will be done at the intersection of Highway 21 and Hendley Road include a extension of the existing left turn lane on Highway 21 and a dedicated right turn lane on Hendley Road to Highway 21. Mr. Zittrouer also explained that a traffic analysis had been conducted and a traffic light was warranted according to the study but does not guarantee GDOT would allow a red light at the intersection of Hendley Road and Highway 21. Commissioner Nelson asked about the benefit to the community with only 65 jobs added and if Lineage had reached out to the community. Mr. Zittrouer responded that Lineage has had very little contact with the community but the current owner of the entire industrial park had a meeting with the community several weeks ago and agreed to deed approximately 10 acres to the Church at the end of Monteith Road. Commissioner Morris asked if this the only development that will take place on Hendley Road. Mr. Zittrouer respond no this would not be the only development in the Park. Commissioner Morris asked if the greenery showed on the plan would remain or if it would be removed. Mr. Zittrouer responded that the greenery would remain surrounding the building. Commissioner Rollf asked how many trucks would be allowed on the left turn lane on Highway 21. Mr. Zittrouer answered that the turn lane on highway 21 would exceed the required length by GDOT. Commissioner Nelson asked if the road improvements would be completed during the Lineage project. Mr. Zittrouer responded they would be completed in conjunction with the Lineage project and that the landowners are under contractual agreement to complete the improvements

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2437 : Site Plan Review Application (General) 7-0977-01-028 Lineage)

and that no certificate of occupancy would be issued until the improvements were done. Chairman Neesmith asked if the fumigation process was chemical or ultraviolet. Mr. Sangdahl responded it was chemical. There were no public comments. Commissioner Morris made a motion to approve. Commissioner Bright seconded the motion to approve. Commissioner's Herrin, Bright, Franklin, Rollf and Morris voted Yes. Commissioner Nelson voted No. The motion passes 5-1.

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris
NAYS:	Nelson

C. Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

The applicant Pete Schoenauer, Tidewater Engineering was present. Mr. Schoenauer gave a overview of the project and offered to answer any questions. Commissioner Rollf asked where the location of this project was. Mr. Schoenauer answered the project was behind Bojangles on Magellan Blvd. Commissioner Morris asked if the entire site would be cleared. Mr. Schoenauer responded that yes the whole site would be cleared, so that the stormwater linear pond that would serve the entire parcel. Commissioner Nelson asked if they had a estimated completion date. Mr. Schoenauer responded that he does not have a date but the owners were ready to start as soon as they had all their approvals. There were no public comments. Commissioner Franklin made a motion to approve the application. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

D. Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

The applicant, Lamar Mercer, Thomas & Hutton, was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. Mercer responded that not in the Lakeside phase. Commissioner Morris asked if the documents in the letter in the packet were under review by the City. Mr. Harvey responded that the close out package was under review by the City. There were no public comments. Commissioner Franklin made a motion to approve. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2437 : Site Plan Review Application (General) 7-0977-01-028 Lineage)

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

E. Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

The applicant, Neil McKenzie, Coleman Company Inc., was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. McKenzie responded that yes. There were no public comments. Commissioner Rollf made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Wanda Rollf, Planning Commissioner
SECONDER:	Bill Herrin, Rosetta Franklin
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

9. NEW BUSINESS

10. ADJOURNMENT

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

_____
Chairman

The foregoing minutes are true and correct and approved by me on this _____ day of _____, 2021.

_____
Secretary

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2437 : Site Plan Review Application (General) 7-0977-01-028 Lineage)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: Development Services
Category: Planning/Zoning Item
Prepared By: Melanie Ellis
Department Head: Brian Harvey

AGENDA ITEM (ID # 2438)

DOC ID: 2438

Site Plan Review Application submitted by NGI Acquisitions, LLC., on behalf of Tom Exley for PIN # 7-0907-01-003 (Highway 21) for a General Development Site Plan to allow a Multifamily Apartment Complex (Novare) in a P-RIP (Planned Residential Institutional) Zoning District

Issue/Item: Site Plan Review Application submitted by NGI Acquisitions, LLC., on behalf of Tom Exley for PIN # 7-0907-01-003 (Highway 21) for a General Development Site Plan to allow a Multifamily Apartment Complex (Novare) in a P-RIP (Planned Residential Institutional) Zoning District

Background: The subject property is currently vacant woodland. There are no buildings or structures on the subject property.

Facts and Findings: The general site plan consist of 13 Apartment Buildings (312 units), 6 Carriage Buildings (12 units) for a total of 324 residential units, garage buildings, pool, clubhouse and amenities. The entrance for the complex will be on GA Highway 21. The site plan also includes associated parking, utilities, drainage and infrastructure improvements.

Funding: N/A

Recommendation: The Planning Commission will hear this application on Monday, May 10, 2021 at 7:00 PM. **/ UPDATE: THE PLANNING COMMISSION VOTED UNANIMOUSLY TO APPROVE THE APPLICATION.**

ATTACHMENTS:

- 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - APPLICATION (PDF)
- 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - Timeline (PDF)
- 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - SITE PLAN 4.22.21 (PDF)
- Planning Commission Minutes May 10, 2021 DRAFT (PDF)

210151

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

RECEIVED
APR 12 2021
BY: KS

Site Plan Review Application

Site Plan Application is required for all new construction in a "P" or "MPO" zone as defined in the Zoning Ordinance of the City of Port Wentworth.

Site Plan Type (*Check One*): ☒ General / Concept ☐ Specific Development

Site Plan Address: Highway 21, Port Wentworth, GA (North west of Pine Forest Subdivision

PIN #(s): 7-0907-01-003

Zoning: P-RIP Estimated Cost of Construction: $ 40 Million

Type of Construction: Multifamily apartment complex

Applicant's Name: NGI Acquisitions, LLC

Mailing Address: 1545 Peachtree Street Suite 260, Atlanta, GA 30309

Phone #: 404-815-1234 Email: tandersen@novaregroup.com

Owner's Name (If Different form Applicant): Tom Exley

Mailing Address: Post Office Box 1338, Rincon, GA 31326

Phone #: 912-658-1625 Email: tomexley2@gmail.com

I hereby acknowledge that the above information is true and correct.

By: NGI Acquisitions, LLC
James R. Borders, President

Applicant's Signature — Date: 4/12/21

Owner's Signature (If Different form Applicant) — Date: 4-12-21

Please see page 2 for required submittal checklist

Updated 4/28/2020

Attachment: 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - APPLICATION (2438 : Site Plan Review Application (General) 7-0907-

City of Port Wentworth
▪7224 Highway 21 ▪ Port Wentworth ▪ Georgia ▪ 31407 ▪ 912-999-2084

Site Plan Review Application Submittal Checklist

Documentation below is required for a complete submittal.

- ☒ Signed and Completed Application
- ☒ 3 Full size sets of site plan civil drawings or concept plan (depending on type of site plan)
- ☒ 15 half size (11" X 17") sets of site plan civil drawings or concept plan (depending on type of site plan)
- N/A ☐ 2 copies of hydrology reports (if applicable)
- ☒ Names, mailing address, and PIN number of all property owners within 250 feet of all property lines
- ☒ 1 8 ½" X 11" of site plan civil drawings or concept plan (depending on type of site plan)
- ☒ PDF of entire submittal (either flash drive or CD)
- ☒ Other Engineering details or reports may be required once submittal has been received
- ☒ Site plan review fee check
  - → ○ No Land Disturbance- $206.00 Site Plan Fee + $50.00 Admin Fee = Total $256.00
  - ○ With Land Disturbance - $836.00 Site Plan Fee + $50.00 Admin Fee = Total $886.00

Additional Fee Statement: If engineer review cost to the City exceeds the site plan review fee that is paid at the time of initial application submittal, you may be required to pay additional review cost.

I have read and agree to the above additional fee statement

NGI Acquisitions, LLC, by:

JR Borders — 4/12/21

Applicant's Signature — Date

James R. Borders
President

TLB 4-12-21

Attachment: 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - APPLICATION (2438 : Site Plan Review Application (General) 7-0907-

Owner Name	Mailing Address 1	Mailing Address 2	City	State	Zip
NGI Acquisitions, LLC	1545 Peachtree St, Suite 260		Atlanta	GA	30309
Tom Exley	PO Box 1338		Rincon	GA	31326
Fieldstone Group, LLC	204 Wiley Bottom Rd		Savannah	GA	31411
Sam Varnedoe	PO Box 2379		Tybee Island	GA	31328
Richard Bryant	312 Chatham Villa Dr		Garden City	GA	31408
Bostick Jackson	362 Saussy Rd		Savannah	GA	31407
Alexander Hicks	7425 GA Highway 21		Port Wentworth	GA	31407
BEP RH Tract 2 LLC	100 Lakeside Blvd		Port Wentworth	GA	31407
Viloa Hicks	8613 Gateshead Rd		Alexandria	VA	22309
Tabernacle of Faith Missionary Babtist Church	PO Box 2028		Rincon	GA	31326
Priscilla Reed & Angela Harden	7411 GA Hwy 21		Port Wentworth	GA	31407
John Harden & Priscilla Hawl	7411 GA Hwy 21		Port Wentworth	GA	31407
Donald Dempsey & Lorra Woodward	105 Shuff Dr #Red		Lion	PA	17356
Henry & Elsie Harden	7398 Tottenham Dr		White Plains	MD	20695
Bessie Berrien	520 Acacia St		Savannah	GA	31405
Howard Woodlief & Christopher Lee	205 Providence Dr		Port Wentworth	GA	31407
Janice Morgan	203 Providence Dr		Port Wentworth	GA	31407
Athe LLC	PO Box 16134		Savannah	GA	31407
Deborah Wright	2 Treadway St		Port Wentworth	GA	31407
Katherine Kereven	4 Treadway St		Port Wentworth	GA	31407
Raul Huerta Govea	6 Treadway St		Port Wentworth	GA	31407
Mary Ellen Landing	8 Treadway St		Port Wentworth	GA	31407
Corey Kief	204 Treadway St		Port Wentworth	GA	31407
William Burgess	3 Treadway St		Port Wentworth	GA	31407
Warren Russell McBryde	7 Treadway St		Port Wentworth	GA	31407
James & Cindy Brunson	5 Treadway St		Port Wentworth	GA	31407
Cheryl Oswell	4 Ponderosa Dr		Port Wentworth	GA	31407
Richard Ogle	907 Nease Rd		Guyton	GA	31312
Robert Smith & Florence Lecroy	8 Ponderosa Dr		Port Wentworth	GA	31407
Moss Realty & Investment Inc	412 Cliff DR		Pooler	GA	31322
Randy & Toni Johnston	12 Treadway St		Port Wentworth	GA	31407
Michael Grant	14 Treadway St		Port Wentworth	GA	31407
Timothy Holt	16 Treadway St		Port Wentworth	GA	31407
9641 Lehigh Avenue LLC	9641 Lehigh Ave		Savannah	GA	31406
James Otto	322 Conaway Rd		Bloomingdale	GA	31302
Carol Jones	22 Treadway St		Port Wentworth	GA	31407
Michael & Kathy Thorton	11 Treadway St		Port Wentworth	GA	31407
Mary Simmons	PO Box 1705		Savannah	GA	31402
John Galletta	15 Treadway St		Port Wentworth	GA	31407
Savannah Prop Sales & Mgmt LLC	17 Treadway St		Port Wentworth	GA	31407
Pamela Chisholm	19 Treadway St		Port Wentworth	GA	31407
Brian Vogel	68 Stagecoach Rd		Bloomingdale	GA	31302
Lorri Moore	20 Ponderosa Rd		Port Wentworth	GA	31407
William James	22 Ponderosa Rd		Port Wentworth	GA	31407
Nichole Scruggs	24 Pondersoa Rd		Port Wentworth	GA	31407
Evon Mack	216 Black Creek Rd		Port Wentworth	GA	31407
Melissa Edge	102 Riley Ct		Springfield	GA	31329
Charles Robinson	112 Black Creek Rd		Port Wentworth	GA	31407
BEP Rice Hope LLC	100 Lakeside Blvd		Port Wentworth	GA	31407

Attachment: 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - APPLICATION (2438 : Site Plan Review Application (General) 7-0907-

CITY OF PORT WENTWORTH
(912) 964-4379

REC#: 00310657 4/21/2021 2:25 PM
OPER: ME TERM: 011
REF#: CK 3335

TRAN: 112.0000 BLDG PERMIT
210151 256.00CR
NGI ACQUISITIONS, LLC
7-0907-01-003
DEV-SPR 256.00CR

TENDERED: 256.00 CHECK
APPLIED: 256.00-

CHANGE: 0.00

WWW.CITYOFPORTWENTWORTH.COM

Attachment: 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - APPLICATION (2438 : Site Plan Review Application (General) 7-0907-

Project Timeline

General Site Plan – Novare Multi-Family, Highway 21

- 4/12/2021—application received.
- 4/22/2021—received revised site plan.
- 5/10/2021—Planning Commission voted to approve the application

Attachment: 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - Timeline (2438 : Site Plan Review Application (General) 7-0907-01-003

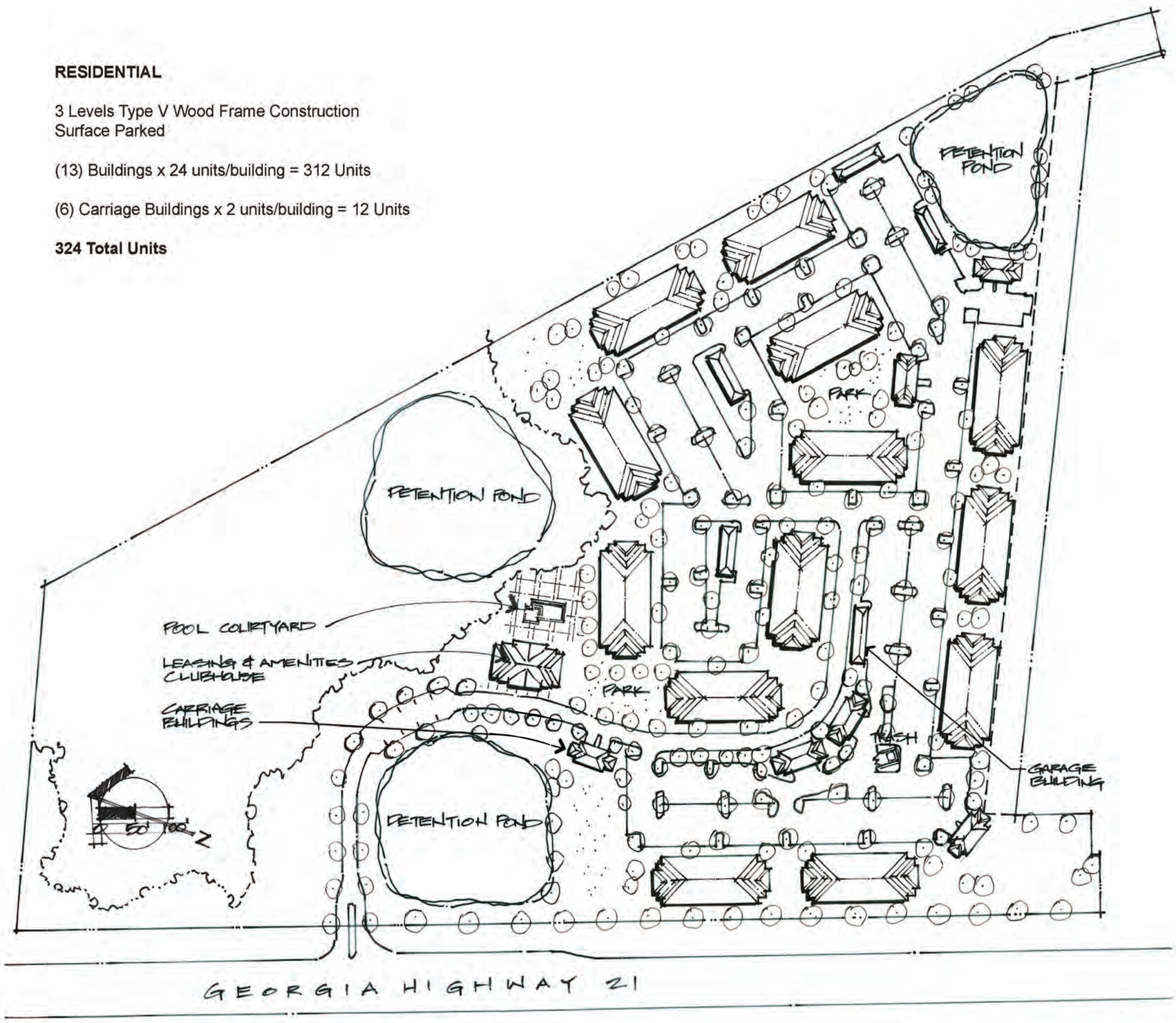
RESIDENTIAL

3 Levels Type V Wood Frame Construction
Surface Parked

(13) Buildings x 24 units/building = 312 Units

(6) Carriage Buildings x 2 units/building = 12 Units

324 Total Units



© dwell design studio, llc - A

Attachment: 7-0907-01-003 HWY 21 NOVARE G-SITE PLAN MAY 2021 - SITE PLAN 4.22.21 (2438 : Site Plan Review Application (General) 7-

CITY OF PORT WENTWORTH

PLANNING COMMISSION

MAY 10, 2021

Council Meeting Room | **Regular Meeting** | **7:00 PM**

7224 GA HIGHWAY 21
PORT WENTWORTH, GA 31407

1. CALL MEETING TO ORDER

Chairman CJ Neesmith called the meeting to order.

2. PRAYER AND PLEDGE OF ALLEGIANCE

Vice-Chairman Rufus Bright led the Prayer and Pledge of Allegiance.

3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Bill Herrin	Planning Commissioner	Present	
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Rosetta Franklin	Planning Commissioner	Present	
Wanda Rollf	Planning Commissioner	Present	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Chairman	Present	
Gabrielle Nelson	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	
Melanie Ellis	Permit Technician	Present	

4. APPROVAL OF AGENDA

1. Approval of Agenda

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

5. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Apr 12, 2021 6:30 PM

RESULT:	**ACCEPTED AS AMENDED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

6. ZONING MAP AMENDMENTS (REZONING)

7. ZONING TEXT AMENDMENTS (ORDINANCES)

8. SITE PLAN/SUBDIVISION APPROVAL

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rufus Bright, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

B. Site Plan Review Application submitted by Chad Zittrouer, Kern & Co., LLC., on behalf of CH Realty IX - Sansone, Savannah 21-95, L.P., for a portion of PIN # 7-0977-01-028 (Hendley Road) for a General Development Site Plan to allow a Warehouse / Distribution Center (Lineage) in a P-I-2 (Planned Industrial) Zoning District

The applicant, Chad Zittrouer was present and gave a overview of the project. Commissioner Morris asked if the access to this site was on Hendley Road. Mr. Zittrouer responded yes the access was off Hendley Road and that all the improvements to Hendley Road that was required when at the time of Rezoning of the property would be done in conjunction with this project. Rob Sangdahl, Lineage Logistics, gave a overview of what Lineage is, a cold storage supply chain management company, and how their process works. They will process imported produce from the Ports by taking in the bulk fruit / vegetable, fumigate if needed, repackage and export out to stores for sale. Mr. Sangdahl stated that they estimate around 65 jobs and about 80 truck a day. The overall project is a reduction in size than shown in the concept plan that was presented during the rezoning process. Richard Desmeule, RKB Architects, spoke about the building construction. Commissioner Franklin asked to confirm the location on Hendley Road and how the trucks would come and go from the site. Mr. Sangdahl stated that the trucks will have to go to and from the site via Hendley Road and Highway 21. Mr. Zittrouer stated they would have a turnaround at the entrance for any truck that come down Hendley Road to be able to safely turn around to go back out to Highway 21. The improvements that will be done at the intersection of Highway 21 and Hendley Road include a extension of the existing left turn lane on Highway 21 and a dedicated right turn lane on Hendley Road to Highway 21. Mr. Zittrouer also explained that a traffic analysis had been conducted and a traffic light was warranted according to the study but does not guarantee GDOT would allow a red light at the intersection of Hendley Road and Highway 21. Commissioner Nelson asked about the benefit to the community with only 65 jobs added and if Lineage had reached out to the community. Mr. Zittrouer responded that Lineage has had very little contact with the community but the current owner of the entire industrial park had a meeting with the community several weeks ago and agreed to deed approximately 10 acres to the Church at the end of Monteith Road. Commissioner Morris asked if this the only development that will take place on Hendley Road. Mr. Zittrouer respond no this would not be the only development in the Park. Commissioner Morris asked if the greenery showed on the plan would remain or if it would be removed. Mr. Zittrouer responded that the greenery would remain surrounding the building. Commissioner Rollf asked how many trucks would be allowed on the left turn lane on Highway 21. Mr. Zittrouer answered that the turn lane on highway 21 would exceed the required length by GDOT. Commissioner Nelson asked if the road improvements would be completed during the Lineage project. Mr. Zittrouer responded they would be completed in conjunction with the Lineage project and that the landowners are under contractual agreement to complete the improvements

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2438 : Site Plan Review Application (General) 7-0907-01-003 Novare)

and that no certificate of occupancy would be issued until the improvements were done. Chairman Neesmith asked if the fumigation process was chemical or ultraviolet. Mr. Sangdahl responded it was chemical. There were no public comments. Commissioner Morris made a motion to approve. Commissioner Bright seconded the motion to approve. Commissioner's Herrin, Bright, Franklin, Rollf and Morris voted Yes. Commissioner Nelson voted No. The motion passes 5-1.

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rufus Bright, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris
NAYS:	Nelson

C. Site Plan Review Application submitted by Pete Schoenauer, Tidewater Engineering, Inc., on behalf of PSM 2021, LLC., for a portion of PIN # 7-0037-02-004 (Magellan Blvd, Home 2 Suites) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

The applicant Pete Schoenauer, Tidewater Engineering was present. Mr. Schoenauer gave a overview of the project and offered to answer any questions. Commissioner Rollf asked where the location of this project was. Mr. Schoenauer answered the project was behind Bojangles on Magellan Blvd. Commissioner Morris asked if the entire site would be cleared. Mr. Schoenauer responded that yes the whole site would be cleared, so that the stormwater linear pond that would serve the entire parcel. Commissioner Nelson asked if they had a estimated completion date. Mr. Schoenauer responded that he does not have a date but the owners were ready to start as soon as they had all their approvals. There were no public comments. Commissioner Franklin made a motion to approve the application. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

D. Subdivision Application submitted by Lamar Mercer, PE., Thomas & Hutton, on behalf of BEP Rice Hope LLC., for PIN # 7-0906-04-076 (Cold Creek Pass) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Lakeside at Rice Hope Phase 1C-2) for the purpose of Single-Family Homes

The applicant, Lamar Mercer, Thomas & Hutton, was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. Mercer responded that not in the Lakeside phase. Commissioner Morris asked if the documents in the letter in the packet were under review by the City. Mr. Harvey responded that the close out package was under review by the City. There were no public comments. Commissioner Franklin made a motion to approve. Commissioner Nelson seconded the motion to approve. The vote was unanimous.

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Rosetta Franklin, Planning Commissioner
SECONDER:	Gabrielle Nelson, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

E. Subdivision Application submitted by Neil P. McKenzie, P.E., Coleman Company Inc., on behalf of Bald Eagle Partners for PIN # 7-0906-04-091 (Rice Hope Road) located in a M-P-O (Master Plan Overlay) Zoning District for a Final Plat of a Major Subdivision (Mulberry Tract Phase II) for the purpose of Single-Family Homes

The applicant, Neil McKenzie, Coleman Company Inc., was present and gave a brief overview of the project. Commissioner Nelson asked if there was anymore room to develop in that area of Rice Hope. Mr. McKenzie responded that yes. There were no public comments. Commissioner Rollf made a motion to approve. Commissioner Franklin seconded the motion to approve. The vote was unanimous.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Wanda Rollf, Planning Commissioner
SECONDER:	Bill Herrin, Rosetta Franklin
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

9. NEW BUSINESS

10. ADJOURNMENT

A. Adjournment

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Lauree Morris, Planning Commissioner
SECONDER:	Rosetta Franklin, Planning Commissioner
AYES:	Herrin, Bright, Franklin, Rollf, Morris, Nelson

_____
Chairman

The foregoing minutes are true and correct and approved by me on this _____ day of _____, 2021.

_____
Secretary

Attachment: Planning Commission Minutes May 10, 2021 DRAFT (2438 : Site Plan Review Application (General) 7-0907-01-003 Novare)

City Council
7224 GA Highway 21
Port Wentworth, GA 31407

ADOPTED

Meeting: 05/27/21 06:30 PM
Department: City Administrator
Category: Ordinance
Prepared By: Shanta Scarboro
Department Head: Edwin L. Booth

AGENDA ITEM (ID # 2445)

DOC ID: 2445

Ordinance No. 21-01, Budget FY22, First Reading

Issue/Item:

Ordinance No. 21-01, Budget FY22, First Reading

ATTACHMENTS:

- Ordinance No. 21-01 (PDF)

City of Port Wentworth

ORDINANCE NO. 21-01

An ORDINANCE for the purpose of adopting the annual budget for the City of Port Wentworth for the period of July 1, 2021 through June 30, 2022.

Be it ordained by the Mayor and Council of the City of Port Wentworth, Georgia, and it is hereby ordained by the authority thereof:

Section 1 The anticipated revenues and expenses for the General Fund for the fiscal year 2021-2022 include:

TOTAL REVENUES	$ **11,811,949**
TOTAL EXPENSES	$ **11,811,949**

Section 2 The anticipated revenues and expenses for the Water & Sewer Fund for the fiscal year 2021-2022 include:

TOTAL REVENUES	$ **5,477,766**
TOTAL EXPENSES	$ **5,477,766**

Section 3 The anticipated revenues and expenses for the Hotel/Motel Fund for the fiscal year 2021-2022 include:

TOTAL REVENUES	$ **473,872**
TOTAL EXPENSES	$ **473,872**

Section 4 The anticipated revenues and expenses for the SPLOST for the fiscal year 2021-2022 include:

TOTAL REVENUES	$ **1,693,350**
TOTAL EXPENSES	$ **1,693,350**

APPROVED BY MAYOR AND COUNCIL OF THE CITY OF PORT WENTWORTH THIS _____ DAY OF_____, 2021.

1st Reading: _____

2nd Reading: _____

ATTEST:

_____ _____

Gary Norton, Mayor Clerk of Council

Attachment: Ordinance No. 21-01 (2445 : Ordinance No. 21-01, Budget FY22, First Reading)