HALL COUNTY BOARD OF COMMISSIONERS
VOTING MEETING AGENDA

Hall County Government Center 2nd Floor
2875 Browns Bridge Road
Gainesville, GA 30504
Streamed Live on Hall County Government's Website - www.hallcounty.org
Wednesday, May 08, 2024 - 06:00 PM

Call to Order

Approve Agenda

Invocation

1 Chairman Richard Higgins

Pledge

2 Commissioner Gregg Poole

Public Comments - Agenda Items Only (2 minutes per speaker/20 maximum)

Proclamation/s

3 Approve the Proclamation recognizing Saturday, May 11, 2024 as Mike Little Day.

4 Aprove the Proclamation proclaiming May 12-18, 2024 as National Police Week.

Consent Agenda

5 Approve the May 6, 2024 Work Session minutes.

6 Approve the April 23, 2024 Voting Meeting minutes.

7 Approve the Agreement for Payment in Lieu of Ad Valorem Taxation between ACTS Retirement-Life Communities, Inc. and Hall County, subject to review and approval by the County Attorney.

8 Approve the purchase of twenty-five (25) Poll Pads for Elections to KNOWiNK, LLC of St. Louis, MO, in the amount of $53,125.00.

9 Approve the renewal of the annual contract for RFQ/P #42-009 Landscape Maintenance Services for various County departments to ACS Landscape Management, Inc. of Oakwood, GA. The estimated annual cost is $260,534.00.

10 Approve the renewal of the annual contract for IFB #004-43 Emergency Back-Up Power Generator Maintenance to Power & Energy Services, Inc. of Powder Springs, GA. The estimated annual cost is $652,661.00.

11 Approve the declaration of surplus vehicles and authorize the Chairman to execute any and all documents necessary to declare as surplus and unserviceable, and authorize the Purchasing Division to upload for auction on GovDeals.com auction website, subject to review and approval by the County Attorney.

12 Approve the award of IFB #042-44 Repaving Gould Lane Compactor Site for Public Works & Utilities to Ryals Brothers, LLC of Gainesville, GA, in the amount of $81,414.00.

13 Approve the award of IFB #016-45 Roll-Off Solid Waste and Recycling Hauling Services for Public Works & Utilities to Blue Level Services, LLC of Clarkesville, GA, in the amount of $812,323.72.

14 Approve award of Task Order #2024-027 White Sulphur Road Intersection & Widening and Task Order #2024-029 Cagle Road Intersection Improvements under RFQ/P #41-001 Demand Services for Civil Engineering for Public Works & Utilities to Atlas Technical Consultants, LLC of Duluth, GA, in the amount of $833,605.00.

15 Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the Cagle Road Roadway Improvement Project between November 15, 2022 and May 5, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

16 Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the White Sulphur Road Realignment Project between November 15, 2022 and May 5, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

17 Approve the acceptance of $2,347,716.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, Sidewalks and Sewer in Clark Farms Phase I Subdivision. Commission District 1.

Public Hearing to amend Hall County's Zoning Map as follows:

18 **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 **| Proposed Use: 4-lot single-family development |** Commission District 1 **| James & Amanda Edwards, applicant**

19 **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 **| Proposed Use: 115-lot single-family development |** Commission District 2 **| The Revive Land Group, LLC, applicant**

County Administrator

Commission Time

Adjourn

Hall County Government welcomes people with disabilities and their trained service animals. For questions about accessibility or to request reasonable accommodations please contact Maria Tuck, Compliance Specialist at 770-531-6712 48 hours prior to the event or as soon as possible.

HALL COUNTY
GEORGIA We have it all in Hall

AGENDA ITEM

Invocation

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 594/2023

SUBJECT: Chairman Richard Higgins

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: n

Recommendation:
n/a

Purpose of Request:

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	No
Is there a deadline for this item?	

Approvals:

Approve	Clerk
AO	AO

Attachments:

AGENDA ITEM

Pledge

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 595/2023

SUBJECT: Commissioner Gregg Poole

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: n

Recommendation:
n/a

Purpose of Request:

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	No
Is there a deadline for this item?	

Approvals:

Approve	Clerk
AO	AO

Attachments:

AGENDA ITEM

Proclamation/s

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 173/2024

SUBJECT: Approve the Proclamation recognizing Saturday, May 11, 2024 as Mike Little Day.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter:
Recommendation:
Approve.

Purpose of Request:
Approve the Proclamation recognizing Saturday, May 11, 2024 as Mike Little Day.

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-05-08

Approvals:

Approve	Public Information	Administration	Clerk
AO	BS	CR	JR

Attachments:

Hall County, Georgia

Board of Commissioners

WHEREAS, ***Michael Lynn Little began his public service career with Hall County on August 13, 2001; and***

WHEREAS, ***during his employment with Hall County, Mr. Little served in many capacities such as: Facility Manager of Allen Creek Soccer Complex, Interim Director of Parks & Leisure Services, Director of Parks & Leisure Services, and Director of Parks & Community Services; and***

WHEREAS, ***Parks & Community Services Director Brent Holloway stated, "Mike Little devoted more than two decades of service to Hall County Parks & Leisure. His love of soccer brought the Miami native to Hall County in 2001, where he served as the Facilities Manager at Allen Creek Soccer Complex, a role he held until 2011 when he was named Director of Hall County Parks & Leisure and later Director of Parks & Community Services, where he served until his sudden passing in 2022 at the age of 58. Mike's hard work and dedication still reverberate to this day, as does the kindness he showed to every person lucky enough to share his company."; and***

NOW THEREFORE, BE IT RESOLVED ***that the Hall County Board of Commissioners does hereby proclaim May 11, 2024, to be***

MIKE LITTLE DAY

and remembers and recognizes him for his many accomplishments, contributions, and 20 years of dedicated service to Hall County and its citizens.

Adopted this 8th day of May 2024.

RICHARD HIGGINS CHAIRMAN	KATHY COOPER DISTRICT 1	BILLY POWELL DISTRICT 2
GREGG POOLE DISTRICT 3	JEFFREY STOWE DISTRICT 4	JENNIFER RIVERA COMMISSION CLERK

AGENDA ITEM

Proclamation/s

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 178/2024

SUBJECT: Aprove the Proclamation proclaiming May 12-18, 2024 as National Police Week.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter:
Recommendation:
Approve.

Purpose of Request:
Aprove the Proclamation proclaiming May 12-18, 2024 as National Police Week.

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-05-08

Approvals:

Approve	Public Information	Administration	Clerk
AO	BS	CR	JR

Attachments:

Hall County, Georgia

Board of Commissioners

WHEREAS, *the Hall County Board of Commissioners are committed to ensuring the safety and security of all those living in and visiting Hall County, Georgia; and*

WHEREAS, *the members of the law enforcement agencies in Hall County play an important role in safeguarding the rights and freedoms of the citizens of our community; and*

WHEREAS, *it is important that all citizens know and understand the problems, duties and responsibilities of the law enforcement agencies of Hall County; and*

WHEREAS, *the Hall County Board of Commissioners recognize their duty to serve the people by safeguarding life and property, protecting them against violence or disorder, and protecting the innocent against deception; and*

WHEREAS, *the men and women of the law enforcement agencies of Hall County unceasingly provide a vital public service; and*

WHEREAS, *the Hall County Board of Commissioners wishes to remind and call upon the citizens and visitors of Hall County to commemorate law enforcement officers, past and present, who, by their faithful and loyal devotion, have rendered a dedicated service to their communities, and in doing so, are preserving the rights and security of all citizens;*

NOW THEREFORE, BE IT RESOLVED *that the Hall County Board of Commissioners does hereby recognize May 12-18, 2024 as*

NATIONAL POLICE WEEK

Adopted this 8th day of May 2024.

RICHARD HIGGINS CHAIRMAN	KATHY COOPER DISTRICT 1	BILLY POWELL DISTRICT 2
GREGG POOLE DISTRICT 3	JEFFREY STOWE DISTRICT 4	JENNIFER RIVERA COMMISSION CLERK

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 291/2024

SUBJECT: Approve the May 6, 2024 Work Session minutes.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: CA

Recommendation:
Approve.

Purpose of Request:
Approve the May 6, 2024 Work Session minutes.

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-05-08

Approvals:

Approve	Attorney	Administration	Clerk
JR	WLI	CR	JR

Attachments:

5-6-2024 Work Session Minutes

HALL COUNTY BOARD OF COMMISSIONERS
WORK SESSION MINUTES

Hall County Government Center 2nd Floor
2875 Browns Bridge Road
Gainesville, GA 30504
Streamed Live on Hall County Government's Website - www.hallcounty.org
Monday, May 06, 2024 - 03:00 PM

Call to Order

Chairman Higgins at 3:00 p.m.

Present:

Chairman Richard Higgins, Vice-Chairman Gregg Poole and Commissioners Kathy Cooper, Billy Powell and Jeff Stowe

Also present were County Administrator Zach Propes, Assistant County Administrators Katie Crumley and Casey Ramsey, Commission Clerk Jennifer Rivera, Deputy Commission Clerk Abril Olivas and County Attorney William Linkous III

Administration

Ms. Crumley addressed the Board.

1 Approve the Agreement for Payment in Lieu of Ad Valorem Taxation between ACTS Retirement-Life Communities, Inc. and Hall County, subject to review and approval by the County Attorney.

Consent

Elections

Paige Thompson, Elections Manager, addressed the Board.

2 Approve the purchase of twenty-five (25) Poll Pads for Elections to KNOWiNK, LLC of St. Louis, MO, in the amount of $53,125.00.

Consent

Financial Services

Taylor Samples, Interim Director of Financial Services, addressed the Board.

3 Approve the renewal of the annual contract for RFQ/P #42-009 Landscape Maintenance Services for various County departments to ACS Landscape Management, Inc. of Oakwood, GA. The estimated annual cost is $260,534.00.

Consent

4 Approve the renewal of the annual contract for IFB #004-43 Emergency Back-Up Power Generator Maintenance to Power & Energy Services, Inc. of Powder Springs, GA. The estimated annual cost is $652,661.00.

Consent

5 Approve the declaration of surplus vehicles and authorize the Chairman to execute any and all documents necessary to declare as surplus and unserviceable, and authorize the Purchasing Division to upload for auction on GovDeals.com auction website, subject to review and approval by the County Attorney.

Consent

Planning and Development

Beth Garmon, Assistant Director of Planning & Development, addressed the Board.

6 **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 **| Proposed Use: 4-lot single-family development |** Commission District 1 **| James & Amanda Edwards, applicant**

7 **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 **| Proposed Use: 115-lot single-family development |** Commission District 2 **| The Revive Land Group, LLC, applicant**

Public Works and Utilities

Bill Nash, Director of Public Works and Utilities, addressed the Board.

8 Approve the award of IFB #042-44 Repaving Gould Lane Compactor Site for Public Works & Utilities to Ryals Brothers, LLC of Gainesville, GA, in the amount of $81,414.00.

Consent

9 Approve the award of IFB #016-45 Roll-Off Solid Waste and Recycling Hauling Services for Public Works & Utilities to Blue Level Services, LLC of Clarkesville, GA, in the amount of $812,323.72.

Consent

10 Approve award of Task Order #2024-027 White Sulphur Road Intersection & Widening and Task Order #2024-029 Cagle Road Intersection Improvements under RFQ/P #41-001 Demand Services for Civil Engineering for Public Works & Utilities to Atlas Technical Consultants, LLC of Duluth, GA, in the amount of $833,605.00.

Consent

11 Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the Cagle Road Roadway Improvement Project between November 15, 2022 and May 5, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

Consent

12 Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the White Sulphur Road Realignment Project between November 15, 2022 and May 5, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

Consent

13 Approve the acceptance of $2,347,716.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, Sidewalks and Sewer in Clark Farms Phase I Subdivision. Commission District 1.

Consent

County Administrator

Mr. Propes addressed the Board.

- *Stated that this week's Voting Meeting will be held on Wednesday, May 8, 2024, at 6:00 p.m.*
- *Stated that this week is Public Service Recognition Week and Municipal Clerks Week.*

Public Comments

There were no comments from the public.

Commission Time

Commissioner Billy Powell, District 2, acknowledged current members of Leadership Hall. These members addressed the Board:

- *Anna Orkins, Stewart, Melvin & Frost*

Adjourn

Chairman Higgins adjourned the meeting at 3:14 p.m.

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 290/2024

SUBJECT: Approve the April 23, 2024 Voting Meeting minutes.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: CA

Recommendation:
Approve.

Purpose of Request:
Approve the April 23, 2024 Voting Meeting minutes.

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-05-08

Approvals:

Approve	Attorney	Administration	Clerk
JR	WLI	CR	JR

Attachments:

4-23-2024 Voting Meeting Minutes

HALL COUNTY BOARD OF COMMISSIONERS
VOTING MEETING MINUTES

Hall County Government Center 2nd Floor
2875 Browns Bridge Road
Gainesville, GA 30504
Streamed Live on Hall County Government's Website - www.hallcounty.org
Tuesday, April 23, 2024 - 06:00 PM

Call to Order

Chairman Higgins at 6:00 p.m.

Present:

Chairman Richard Higgins, Vice-Chairman Gregg Poole and Commissioners Kathy Cooper, Billy Powell and Jeff Stowe

Also present were County Administrator Zach Propes, Assistant County Administrators Katie Crumley and Casey Ramsey, Commission Clerk Jennifer Rivera, Deputy Commission Clerk Abril Olivas, County Attorney William Linkous III, and Assistant County Attorney Justin Lawhon

Commissioner Poole was present by phone.

Approve Agenda

Commissioner Powell/Commissioner Stowe — approve — Vote: 4 to 0

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

Invocation

1 Chairman Richard Higgins

Pledge

2 Commissioner Billy Powell

Public Comments

There were no comments from the public.

Proclamation/s

3 Approve the Proclamation recognizing April 2024 as National County Government Month.

Commissioner Powell/Commissioner Stowe — approve — Vote: 4 to 0

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

4 Approve the Proclamation recognizing May 2024 as Mental Health Awareness Month.

Commissioner Cooper/Commissioner Powell — approve — Vote: 4 to 0

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

5 Approve the Proclamation recognizing Matthew Hubbard's retirement after 25 years of service to Hall County, GA.

Commissioner Stowe presented Matthew Hubbard with the Proclamation.

Commissioner Stowe/Commissioner Cooper — approve — Vote: 4 to 0

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

6 Approve the Proclamation designating May 4, 2024 as International Firefighters Day.

Commissioner Powell presented Fire Chief Jerry Smith and members of Fire Rescue with the Proclamation.

Commissioner Cooper/Commissioner Powell — approve — Vote: 4 to 0

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

7 Approve the Proclamation recognizing April 2024 as Safe Digging Month.

Commissioner Cooper presented Public Works & Utilities Director Bill Nash, Linda Hudson, Blair Reynolds, Jason Skarda, Tammie Croy, Lisa Westmoreland, Bill King, and Allan Pittman with the Proclamation.

Commissioner Stowe/Commissioner Powell — approve — Vote: 4 to 0

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

Consent Agenda

Commissioner Stowe/Commissioner Powell — approve — unanimous

8 Approve the April 22, 2024 Work Session minutes.

9 Approve the April 22, 2024 Executive Session minutes.

10 Approve the April 22, 2024 Meeting minutes.

11 Approve the April 11, 2024 Voting Meeting minutes.

12 Approve the April 11, 2024 Executive Session minutes.

13 Approve the April 11, 2024 Meeting minutes.

14 Approve the ratification of the purchase of Motorola Mobile Radios and Equipment for Fire Rescue to Motorola Solutions, Inc. of Chicago, IL, in the amount of $55,477.92.

15 Approve the purchase of one (1) Pierce Enforcer Squad Truck for Fire Rescue to Ten 8 Fire & Safety, LLC, of Bradenton, FL, in the amount of $1,242,909.00.

16 Approve the Employment Agreement for the Chief of Fire Rescue.

17 Approve Change Order #3 for the purchase of additional professional services hours for the configuration of automatic notifications for inspection results of Accela Civic Applications software for Planning & Development to Accela, Inc. of San Ramon, CA, in the amount of $27,360.00.

18 Approve the purchase of upgrades to the existing Hall County Government Center video camera system for a new network video recorder (NVR) and thirty-two (32) network cameras for the Marshal's Office to Mobile Communications America (MCA) of Tucker, GA, in the amount of $109,198.90.

19 Approve the award of RFQ/P #45-001 Cagle Road Improvements for Public Works & Utilities to Simpson's Trucking and Grading, Inc. of Gainesville, GA, in the amount of $3,417,713.14.

20 Approval and authorization for the Chairman to execute an Intergovernmental Agreement between Forsyth County, Gwinnett County, Hall County, and the City of Gainesville to continue the work of the Upper Chattahoochee Basin Group, subject to review and approval by the County Attorney.

21 Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the Sardis Road Connector Project between April 24, 2023 and April 21, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

22 Approve the acceptance of $1,536,277.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, Sewer, and Sidewalks in Ponderosa Farm Unit 1 Subdivision. Commission District 1.

23 Approve the acceptance of $609,086.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, and Sidewalks in Falcon Landing Phase 1 Subdivision. Commission District 2.

24 Approval and authorization for the Chairman to execute the Georgia Department of Transportation (GDOT) FY 2024 Local Roads Assistance Grant (LRA) application and cover letter for 6.5 miles of road resurfacing on fourteen (14) various County roads, in the estimated amount of $2,841,848.00.

25 Approve the ratification of the Congressionally Directed Spending application for the Hall County Jail to implement mental healthcare services to its inmates in the amount of $1,599,999.00, and if awarded, appoint the Grants Manager as the Program Designee and authorize the Chairman to execute all related application and award documents. A match of $800,000.00 is required.

26 Approve the award of Task Order #2024-030 under RFQ/P #44-021 Demand Services for On-Call General Contractors and RFQ/P #44-004 Demand Services for Public Works Contractors for Sheriff's Complex Driveway Improvements for the Sheriff's Office to Simpson Trucking & Grading, Inc., of Gainesville, GA, in the amount of $226,141.00.

Other Business - Planning and Development

Beth Garmon, Assistant Director of Planning and Development, addressed the Board.

27 Public Hearing to transmit Hall County's updated short-term work program and capital improvement element to the Georgia Mountains Regional Commission.

Mr. Lawhon introduced the item. Ms. Garmon discussed the item. Mr. Lawhon conducted the Public Hearing.

There were no comments from the public.

Commissioner Stowe/Commissioner Powell — approve — unanimous

Public Hearing to amend Hall County's Zoning Map as follows:

Commissioner Cooper exited the meeting.

28 **0, 4611, 4627 Guth Road & 0, 4561, 4613 J M Turk Road & 4590, 4601, 4610 Stanley Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) on 117.31± acres located on the east side of J M Turk Road at its intersection with Guth Road | Zoned AR-III; Tax Parcels 15043 000027, 000109, 000128, 000201 & 15044 000035, 000035B, 000043, 000100, 000127 **| Proposed Use: 324-unit residential development |** Commission District 1 **| Thompson O'Brien Kappler & Nasuti PC, applicant.** Note: Tabled at the March 14, 2024 Voting Meeting until the March 28, 2024 Voting Meeting. Note: Tabled at the March 28, 2024 Voting Meeting until the April 23, 2024 Voting Meeting.

Mr. Lawhon introduced the item. Ms. Garmon discussed the item.

Commissioner Powell/Commissioner Stowe — approve removing item 28 from the table — Vote: 3 to 0

Commissioner Cooper — absent

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — abstained

Commissioner Stowe — aye

Motion passed.

Commissioner Stowe/Commissioner Powell— approve withdrawal of item 28 — Vote: 4 to 0

Commissioner Cooper — absent

Commissioner Powell — aye

Chairman Higgins — aye

Commissioner Poole — aye

Commissioner Stowe — aye

Motion passed.

Commissioner Cooper re-entered the meeting.

29 **0 McKinzey Lane | Use Subject to County Commission Approval |** 17.50.040.K Minor Subdivisions | on a 5.63± acre tract located on the west side of McKinzey Lane, at its intersection with Stephens Road | Zoned V-C; Tax Parcel 08089 001019B **| Proposed Use: 6-lot subdivision |** Commission District 2 **| Garry L. English, applicant**

Mr. Lawhon introduced the item. Ms. Garmon discussed the item. Mr. Lawhon conducted the Public Hearing.

The following people addressed the Board:

Favor:

- *Garry English, 5010 McKinzey Lane, Flowery Branch*

Commissioner Powell/Commissioner Stowe — approve with the four (4) conditions listed below — unanimous

Conditions:

1. *The property shall be developed in accordance with the site plan dated March 14, 2024 and as described in the project narrative dated January 19, 2024, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.*
2. *The subject property shall be subdivided into a maximum of 5 building lots in accordance with the requirements of the Vacation Cottage (V-C,17.50) zoning district as detailed in 17.240, Area and Setback Requirements.*
3. *All conditions of zoning shall appear on any plats created for the subdivision.*
4. *Per2.60.060. — effective period of approved applications, all applications approved by the board, whether a request for variance from the terms of Title 17, a request for conditional use, a request for the enlargement, change or continuance of a nonconforming use or a request to appeal a decision by an administrative official in the enforcement of Title 17, shall be effective for a period of six months. If no action is taken by the applicant to implement the purpose of the application by obtaining the proper permit and/or license and proceeding with the building, occupancy or establishment of business within six months from the date of approval by the board, said approval shall become null and void.*

30 **8545 Belton Bridge Road | Amend Conditions |** on an 8.23± acre parcel located at the terminus of Pintail Court | Zoned AR-IV; Tax Parcel 12127 000001 **| Proposed Use: Amenity area |** Commission District 3 **| Mallard View Homeowners Association, applicant.**

Mr. Lawhon introduced the item. Ms. Garmon discussed the item. Mr. Lawhon conducted the Public Hearing.

The following people addressed the Board:

Favor:

- *Don Williams, 8523 Mallard View Way, Lula*

Commissioner Poole/Commissioner Stowe — approve application and refund application fee — unanimous

Following discussion of item 32, the following motion was made: Commissioner Stowe/Commissioner Powell — reconsider and amend previous motion for item 30 to approve with five (5) conditions and approval of application fee refund — unanimous

Conditions:

1. *The property shall be developed in accordance with the site plan dated February 21, 2024, and as described in the project narrative received February 21, 2024, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval, to include grass parking as specified on the site plan.*
2. *The developer shall coordinate with Hall County Engineering to obtain the necessary driveway permits for access off Pintail Court.*
3. *The approval of these zoning condition amendments shall only apply to the subject parcel, 12127 000001.*
4. *The following statement regarding the potential impacts of agricultural operations in the area shall be made a part of any plat recorded on the property: "Owners, occupants, and users of property shown on this plat are hereby informed of the impacts associated with normal farming practices which may take place on adjacent and nearby property including, but not limited to, noise, odors, dust, the operation of machinery of any kind, the storage and disposal of manure, and the application of fertilizers, herbicides, and pesticides. Therefore, owners, occupants, and users of the property shown on this plat should be prepared to expect the effects of such practices."*
5. *All amended conditions and previous conditions of original zoning dated May 12, 2005, and October 26, 2023, shall appear on any plats or building plans created for the subject property.*

31 **2696 Cleveland Highway | Rezone |** from Suburban Shopping (S-S) to Highway Business (H-B) | on a 0.60± acre tract located on the southeast side of Cleveland Highway at its intersection with Wayman Drive | Zoned S-S (GCOD), Tax Parcel 10138 000058 **| Proposed Use: Used automobile sales and repair |** Commission District 3 **| Ramon Carrillo Jr, applicant**

Mr. Lawhon introduced items 31 and 32, which were heard together. Ms. Garmon discussed the items. Mr. Lawhon conducted the Public Hearing.

The following people addressed the Board regarding both items 31 and 32:

Favor:

- *Ramon Carrillo Jr, 2696 Cleveland Highway, Clermont*

Opposition:

- *Carl Volle, 4529 Montclair Circle, Gainesville*
- *Jerry Freeman, 258 Dunlap Mill Road, Gainesville*
- *Tony Stephens*

Commissioner Powell/Commissioner Stowe — approve with the twelve (12) conditions listed below — unanimous

Conditions:

1. *The property shall be developed in accordance with the site plan (Exhibit A) dated December 4, 2023 and as described in the project narrative dated February 7, 2024, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.*
2. *Operation of the automobile sales shall commence no earlier than 9:00 am and shall terminate no later than 6:00 pm Monday through Saturday, No business shall be conducted on Sundays, neither sales or repair.*
3. *The applicant shall coordinate with Georgia Department of Transportation for driveway access off of Cleveland Highway, if required.*
4. *No variances to Gateway Corridor Overlay standards are granted other than those approved herein (GCOD, 17.420).*
5. *All conditions of zoning shall be made part of any plat(s) created for the property.*
6. *All Environmental Health regulations shall be met prior to issuance of occupancy.*
7. *Pursuant to2.60.060. — effective period of approved applications, all applications approved by the board, whether a request for variance from the terms of Title 17, a request for conditional use, a request for the enlargement, change or continuance of a nonconforming use or a request to appeal a decision by an administrative official in the enforcement of Title 17, shall be effective for a period of six months. If no action is taken by the applicant to implement the purpose of the application by obtaining the proper permit and/or license and proceeding with the building, occupancy or establishment of business within six months from the date of approval by the board, said approval shall become null and void.*
8. *All parking in the right-of-way is prohibited.*
9. *A variance shall be granted for the requirement of a 10-foot landscape strip along Cleveland Highway and Wayman Drive.*
10. *The following uses listed as permitted in Highway Business (H-B) shall be prohibited: Bus station, drive-in theater, motel/hotel, service station, construction trailer, and adult establishments.*
11. *All signage, existing and proposed, shall adhere to GCOD standards.*
12. *Customer and employee parking shall be designated on site. Total parking spaces shall not exceed 40 spaces.*

32 **2696 Cleveland Highway | Use Subject to County Commission Approval |** on a 0.60± acre tract located on the southeast side of Cleveland Highway at its intersection with Wayman Drive | Zoned S-S (GCOD), Tax Parcel 10138 000058 **| Proposed Use: Used automobile sales and repair |** Commission District 3 **| Ramon Carrillo Jr, applicant**

Items 31 and 32 were heard together. See item 31 for public hearing details.

Commissioner Stowe/Commissioner Powell — approve with the twelve (12) conditions listed below — unanimous

Conditions:

1. *The property shall be developed in accordance with the site plan (exhibit A) dated December 4, 2023 and as described in the project narrative dated February 7, 2024, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.*
2. *Operation of the automobile sales shall commence no earlier than 9:00 am and shall terminate no later than 6:00 pm Monday through Saturday, no business shall be conducted on Sundays either sales or repair.*
3. *The applicant shall coordinate with Georgia Department of Transportation for driveway access off of Cleveland Highway if required.*
4. *No variances to Gateway Corridor Overlay standards are granted other than those approved herein (GCOD, 17.420).*
5. *All conditions of zoning shall be made part of any plat(s) created for the property.*
6. *All Environmental Health regulations shall be met prior to issuance of occupancy.*
7. *Pursuant to 2.60.060. — effective period of approved applications, all applications approved by the board, whether a request for variance from the terms of Title 17, a request for conditional use, a request for the enlargement, change or continuance of a nonconforming use or a request to appeal a decision by an administrative official in the enforcement of Title 17, shall be effective for a period of six months. If no action is taken by the applicant to implement the purpose of the application by obtaining the proper permit and/or license and proceeding with the building, occupancy or establishment of business within six months from the date of approval by the board, said approval shall become null and void.*
8. *All parking in the right-of-way is prohibited.*
9. *A variance shall be granted for the requirement of a 10-foot landscape strip along Cleveland Highway and Wayman Drive.*
10. *The following uses listed as permitted in Highway Business (H-B) shall be prohibited: Bus station, Drive-in Theater, Motel/hotel, Service station, Construction trailer, and Adult establishments.*
11. *All signage, existing and proposed, shall adhere to GCOD standards.*
12. *Customer and employee parking shall be designated on site, total parking spaces shall not exceed 40 spaces.*

Commissioner Stowe/Commissioner Powell — reconsider and amend previous motion for item 30 to approve with five (5) conditions and approval of application fee refund — unanimous

33 **2860 Atlanta Highway | Amend Conditions |** on a 3.52± acre tract located on the west side of Atlanta Highway, approximately 170 feet from its intersection with Thurmon Tanner Parkway | Zoned S-S (GCOD); Tax Parcel 08027 000010 **| Proposed Use: Service station, convenience store, and shopping center |** Commission District 2 **| Karan Ahuja, applicant**

Mr. Lawhon introduced the item. Ms. Garmon discussed the item. Mr. Lawhon conducted the Public Hearing.

The following people addressed the Board:

Favor:

- *Karan Ahuja, 325 Crooked Stick Drive, Alpharetta*
- *Nick Pesola, 3502 River Road Circle, Gainesville*

Opposition:

- *Jimmy Campbell, 3011 Meadow Place, Gainesville*

Commissioner Powell/Commissioner Stowe — approve with the twelve (12) conditions listed below — unanimous

Conditions:

1. *Development is approved as generally shown on the preliminary site plan dated January 18, 2024 and as described in the project narrative dated March 5, 2024, modified as necessary for compliance with the conditions herein and development standards enforced at the time of site plan approval.*
2. *The development shall be subject to the requirements of the Gateway Corridors Overlay District (GCOD,17.420) and no variances are granted as part of this request.*
3. *Prior to issuance of sign permits, other than general signs permitted pursuant to17.270.050, the owner/developer shall submit a master sign package for street, wall, internal directional, temporary and other signs to be reviewed and approved by the Director of Community Development and Infrastructure, or their designee.*
4. *The developer shall be responsible for all costs associated with street and driveway improvements.*
5. *The proposed development is subject to the off-street parking requirements of17.250.020(A).*
6. *The subject property (parcel 08027 000011) shall be combined via recorded plat with parcel 08027 000010 prior to submittal of any development plans.*
7. *The location and design of any driveway entrances shall be subject to the approval of the County Traffic Engineer and Georgia Department of Transportation.*
8. *All conditions of zoning shall be made part of any site plan or any plat recorded for the property.*
9. *Following the grading phase of the development, the portion of the property adjacent to residences on Meadow Lane shall have a 4 foot tall berm topped by a 6 foot privacy fence installed, subject to the approval of the Assistant Director of Planning and Development.*

10. *Proposed dumpster pad shall be relocated as far away from the residences on Meadow Lane as possible.*
11. *Service hours for dumpster shall be regular business hours.*
12. *During construction, developer shall install a double silt fence with hay bales along the property adjacent to residences on Meadow Lane, subject to the approval of the Assistant Director of Planning and Development.*

Following discussion of item 34, the following motion was made: Commissioner Powell/Commissioner Stowe — reconsider and amend previous motion for item 33 to add a thirteenth condition that no tenants can be a vape shop or tattoo parlor — unanimous

34 **2852 Atlanta Highway | Rezone |** from Highway Business (H-B) to Suburban Shopping (S-S) | on a 0.20 ± acre tract located on the west side of Atlanta Highway, at its intersection with Thurmon Tanner Parkway | Zoned H-B (GCOD); Tax Parcel 08027 000011 **| Proposed Use: Service station, convenience store, and shopping center |** Commission District 2 **| Karan Ahuja, applicant**

Mr. Lawhon introduced the item. Ms. Garmon discussed the item. Mr. Lawhon conducted the Public Hearing.

The following people addressed the Board:

Favor:

- *Nick Pesola, 3502 River Road Circle, Gainesville*

Commissioner Powell/Commissioner Stowe — reconsider and amend previous motion for item 33 to add a thirteenth condition that no tenants can be a vape shop or tattoo parlor — unanimous

Commissioner Powell/Commissioner Stowe — approve with the twelve (13) conditions listed below — unanimous

Conditions:

1. *Development is approved as generally shown on the preliminary site plan dated January 18, 2024 and as described in the project narrative dated March 5, 2024, modified as necessary for compliance with the conditions herein and development standards enforced at the time of site plan approval.*
2. *The development shall be subject to the requirements of the Gateway Corridors Overlay District (GCOD,17.420) and no variances are granted as part of this request.*
3. *Prior to issuance of sign permits, other than general signs permitted pursuant to17.270.050, the owner/developer shall submit a master sign package for street, wall, internal directional, temporary and other signs to be reviewed and approved by the Director of Community Development and Infrastructure, or their designee.*
4. *The developer shall be responsible for all costs associated with street and driveway improvements.*
5. *The proposed development is subject to the off-street parking requirements of17.250.020(A).*

6. *The subject property (parcel 08027 000011) shall be combined via recorded plat with parcel 08027 000010 prior to submittal of any development plans.*
7. *The location and design of any driveway entrances shall be subject to the approval of the County Traffic Engineer and Georgia Department of Transportation.*
8. *All conditions of zoning shall be made part of any site plan or any plat recorded for the property.*
9. *Following the grading phase of the development, the portion of the property adjacent to residences on Meadow Lane shall have a 4 foot tall berm topped by a 6 foot privacy fence installed, subject to the approval of the Assistant Director of Planning and Development.*
10. *Proposed dumpster pad shall be relocated as far away from the residences on Meadow Lane as possible.*
11. *Service hours for dumpster shall be regular business hours.*
12. *During construction, developer shall install a double silt fence with hay bales along the property adjacent to residences on Meadow Lane, subject to the approval of the Assistant Director of Planning and Development.*
13. *There shall be no tenants that are vape shops and tattoo parlors.*

35 **4899 Browns Bridge Road | Rezone |** from Agricultural Residential (AR-III) to Highway Business (H-B) | on a 3.10± acre tract located at the southeast corner of the intersection of Browns Bridge Road and Ponderosa Drive | Zoned AR-III, Tax Parcel 08062 001010B **| Proposed Use: Office/warehouse buildings |** Commission District 2 **| Advantage Investment Properties, applicant**

Mr. Lawhon introduced the item. Ms. Garmon discussed the item. Mr. Lawhon conducted the Public Hearing.

The following people addressed the Board:

Favor:

- *Bradley Dunckel, 3703 Timber Walk Drive, Gainesville*

Opposition:

- *Sandra Cardoso, 4909 Sunrise Way, Gainesville*
- *Janice Sewell, 4919 Ponderosa Drive, Gainesville*
- *James Hoover, 4911 Ponderosa Drive, Gainesville*
- *Carolina Cardoso, 4909 Sunrise Way, Gainesville*
- *Danny Sewell, 4919 Ponderosa Drive, Gainesville*
- *Christal Tackett, 4904 Sunrise Way, Gainesville*
- *Mary Ann Montoya, 4907 Sunrise Way, Gainesville*

Commissioner Powell/Commissioner Stowe — approve with the seventeen (17) conditions listed below — Vote: 4 to 1

Commissioner Cooper — aye

Commissioner Powell — aye

Chairman Higgins — nay

Commissioner Poole — aye

Commissioner Stowe — aye

Motion passed.

Conditions:

1. *The property shall be rezoned to a Planned Commercial Development (PCD), and shall be developed in accordance with the revised site plan submitted on March 18, 2024, as described in the updated project narrative submitted on February 23, 2024, and the conceptual elevation labeled Exhibit A, with final elevations to be reviewed and approved by the Assistant Director of Planning and Development, or their designee. The submitted documents shall be modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.*
2. *No variances to Gateway Corridor District standard are granted other than those approved herein (GCOD, 17.420).*
3. *Access to the property from Ponderosa Drive as well as Sunset Way is prohibited. Access to the property shall be located on Browns Bridge Road only.*
4. *The developer shall bear all costs associated with the installation of a fire hydrant if required by the Fire Marshal.*
5. *All conditions of zoning shall be made part of any plats created for the parcel.*
6. *Permitted uses shall be limited to Business Service Establishment, Office, and Office/Warehouse as described in the project narrative submitted on February 23, 2024. Gateway Corridor Overlay District standards 17.420.050 A & B shall apply.*
7. *A 6-foot opaque fence shall be installed along sections of the parcel as designated on Exhibit B and on revised site plan dated March 18, 2024.*
8. *All sides, excluding the sides labeled with roll up doors on the approved site plan, shall adhere to Gateway standards. The sides labeled with roll up door exterior are to be developed in accordance with submitted site plan dated March 18, 2024 and submitted elevation labeled Exhibit A.*
9. *A 3' high landscape berm shall be installed between Browns Bridge Road and Building A as shown on the revised site plan submitted on site plan dated March 18, 2024.*
10. *Each building shall be limited to 8,000 and 6,000 square feet as proposed on the revised site plan dated March 18, 2024.*
11. *The development shall utilize building mounted security lighting with semi-cutoff features.*
12. *No brokerage, sales (either wholesale or retail), purchase, or outside display of any automotive vehicles, RVs, boats or trailers shall be permitted.*
13. *Outside activities shall be limited to deliveries, shipping, and employee parking only.*
14. *No outside storage of any materials is allowed.*
15. *There shall be no deliveries after 6 pm.*
16. *On the portion of the property where the fence is on the side, there shall be a 4 foot tall berm topped by a 6 foot privacy fence installed.*
17. *During construction, developer shall install a double silt fence with hay bales around the sides of property.*

County Administrator

Mr. Propes addressed the Board. He stated the following:

- *The next Board of Commissioners Voting Meeting will be held on Wednesday, May 8, 2024 at 6:00 p.m.*

Commission Time

Commissioner Billy Powell, District 2, acknowledged current members of Leadership Hall. These members addressed the Board:

- *Whit Nix, Duplicating Products*
- *Dorica Faulkner, Hall County Juvenile Court*

Adjourn

Commissioner Powell/Commissioner Stowe — adjourn at 7:36p.m. — unanimous

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 270/2024

SUBJECT: Approve the Agreement for Payment in Lieu of Ad Valorem Taxation between ACTS Retirement-Life Communities, Inc. and Hall County, subject to review and approval by the County Attorney.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: KC

Recommendation:
Approval

Purpose of Request:
ACTS Retirement-Life Communities (parent company of Lanier Village Estates) has elected to make voluntary payments in lieu of ad valorem taxes to Hall County, with the exception of two principal components, (1) school tax levies, and (2) bonded indebtedness levies.

History:

This renews the agreement made between Lanier Village Estates and Hall County at the Board of Commissioners voting meeting on May 23, 2019. The agreement expires after 5 years so is now up for renewal.

Facts and Issues:
This new agreement reflects the name of Lanier Village's parent company, ACTS Retirement-Life Communities.

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-05-08

Approvals:

Approve	Budget	Finance	Attorney
JR	EW	TS	WLI
Administration		**Clerk**	
CR		JR	

Attachments:

Lanier Village PILOT Agreement

STATE OF GEORGIA

COUNTY OF HALL

AGREEMENT FOR PAYMENT IN LIEU OF AD VALOREM TAXATION

This **AGREEMENT FOR PAYMENT IN LIEU OF AD VALOREM TAXATION** (hereinafter referred to as the "Agreement") is hereby made and entered into this 30th day of April, 2024 by and between **ACTS RETIREMENT-LIFE COMMUNITIES, INC.** (hereinafter referred to as "ARLC"), a nonprofit corporation authorized to conduct business in the State of Georgia, whose address for the purposes of this Agreement is 420 Delaware Drive, Fort Washington, Pennsylvania 19034, and **HALL COUNTY, GEORGIA**, a political subdivision of the State of Georgia (hereinafter referred to as the "County") with the physical address of 2875 Browns Bridge Road, Gainesville, Georgia 30504, and with an address for purposes of this Agreement of P.O. Box 1579, Gainesville, Georgia 30503 (hereinafter collectively referred to as the "Parties"), on the date noted herein.

WITNESSESTH:

WHEREAS, ARLC is a nonprofit corporation that has no stockholders, that has no profit that is distributed to any private person, and that provides residential and health care services to the aged; and

WHEREAS, ARLC is exempt from Federal income tax under the provisions of 26 U.S.C. § 501 (c) (3), and is also exempt from State income tax under the provisions of the Georgia Constitution, Art. VII, § II, ¶ II and O.C.G.A. § 48-7-25 (a) (1); and

WHEREAS, ARLC is not required to pay ad valorem taxes to any governmental entity pursuant to the provisions of O.C.G.A. § 48-5-41 (a) (12) (A); and

WHEREAS, ARLC intends to be a good corporate citizen in the Hall County Community, and therefore has elected to make voluntary payments in lieu of ad valorem taxes to Hall County; and

WHEREAS, continuing with the 2024 tax year ARLC desires to claim its full tax exemption under the law as provided by O.C.G.A. § 48-5-41 (a) (12) (A) as to all relevant parcels of its property; and

WHEREAS, ARLC desires to make certain voluntary annual payments to Hall County in lieu of ad valorem taxes pursuant to the terms and provisions of this Agreement; and

WHEREAS, Hall County desires to receive future voluntary payments from ARLC and believes that the ongoing receipt of such payments is in the best interests and welfare of the citizens of Hall County, Georgia.

NOW THEREFORE, for valuable consideration, the sufficiency of which is hereby acknowledged, and in consideration of the recitals stated above and the mutual promises set forth herein, the Parties agree as follows.

1.

EXEMPT STATUS

The Parties hereby agree that ARLC is exempt from ad valorem taxation under the Constitution and laws of the State of Georgia as they exist on the date of this Agreement as set forth above and as they existed on January 1, 2024, and that ARLC relies on such exemption in making and entering into this Agreement. If at any time and for any reason it is determined that ARLC is not exempt from ad valorem taxation, this Agreement shall be terminated.

2.

PARCELS AFFECTED

The Parties agree that the specific parcels of real property to which the ad valorem property tax exempt status of ARLC referenced above shall be applied, and as to which the PILOT payments are to be made as referenced below, are as follows: (1) 10104 000053 (address of 4000 Village View Drive), (2) 10104 000008 (address of 3663 Mount Vernon Road), (3) 10104 000009 (address of 3681 Mount Vernon Road), and (4) 10104 000028 (address of Mount Vernon Road).

3.

TERM OF AGREEMENT

The Parties agree that this Agreement shall be effective on the date set forth above, to become operative for the 2024 tax year, and continue each year thereafter from year to year for five (5) years or until otherwise terminated as set forth below.

4.

PAYMENT TERMS AND CREDITS

ARLC hereby agrees to pay to Hall County, via the Hall County Tax Commissioner, an annual sum as if ARLC was not exempt from taxation; that sum being based upon the millage rate as that rate is set each year by Hall County, with the exception of two principal components: (1) school tax levies, and (2) bonded indebtedness levies. The Parties agree and understand that Hall County may, in the normal course of business, revalue property owned by ARLC using the same valuation techniques and frequencies as other properties in Hall County. ARLC shall have the same right to protest and appeal any valuation set by Hall County as any taxpayer would have and agrees to be bound by the results of any appeal procedure as would be any non-exempt taxpayer. Hall County will send out a bill to ARLC at the same time and in the same manner as it sends bills

to taxpayers in the normal course of business. The initial bill sent by Hall County under this Agreement will be for the 2024 tax year, and bills will be sent each subsequent year until the termination of this Agreement. ARLC will submit any payments due under the terms of this Agreement within the same time frame, in the same manner, and under the same conditions as any taxpayer that pays an ad valorem tax bill to the Hall County Tax Commissioner.

5.

TERMINATION

This Agreement shall be terminated and the obligations created hereunder shall cease immediately upon the occurrence of any of the following circumstances:

A. It is determined by an agreement of the Parties, by an appropriate governmental authority, or by a court of competent jurisdiction that ARLC is not exempt from ad valorem taxation under the Constitution and laws of the State of Georgia, as now set forth or under any future rendering or amendment thereto.

B. The property that is the subject of this Agreement is annexed into any municipality.

6.

MISCELLANEOUS PROVISIONS

A. **Entire Agreement.** This Agreement constitutes the entire agreement among the parties hereto and supersedes and cancels any prior agreements, representations, warranties, or communications, whether oral or written, among any Parties hereto regarding the transactions contemplated hereby and the subject matter hereof. Neither this Agreement, nor any provision hereof, may be changed, waived, discharged, or terminated orally. The provisions of this Agreement may only be changed, waived, discharged, or terminated by an agreement in writing signed by the Parties hereto.

B. **Governing Law.** This Agreement shall be construed in accordance with and governed by the laws of the State of Georgia without giving effect to choice of law rules.

C. **Proper Authorization.** The individual signing this Agreement below on behalf of Hall County certifies and attests that he or she has the authority to enter into this Agreement on behalf of Hall County, that his or her such signature is binding on Hall County, and that his or her such signature on this Agreement is executed with the express knowledge, consent, and permission of Hall County. The individual signing this Agreement below on behalf of ARLC certifies and attests that he or she has the authority to enter into this Agreement on behalf of Acts Retirement-Life Communities, Inc., that his or her such signature is binding on ARLC, and that his or her such signature on this Agreement is executed with the express knowledge, consent, and permission of Acts Retirement-Life Communities, Inc.

D. **Headings.** The section headings in this Agreement are inserted solely as a matter of convenience and for reference, and are not a substantive part of this Agreement.

E. **Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties hereto have formally executed this Agreement by signatures of their duly authorized officers this 30th day of April, 2024.

[Signatures on following page.]

HALL COUNTY, GEORGIA

By:_____
Richard Higgins, Chairman
Hall County Board of
Commissioners

ATTEST:

_____(SEAL)
Jennifer Rivera, County Clerk

APPROVED AS TO FORM:

_____
William J. Linkous III, County Attorney

ACTS RETIREMENT-LIFE COMMUNITIES, INC.

By: Peggy C Valdivia

Print: Peggy C. Valdivia

Vice President of Financial Services

Sworn to and subscribed before me this
30th day of April, 2024.

Nicole Staub
Notary Public

My commission expires: Dec 8, 2027

Commonwealth of Pennsylvania - Notary Seal
NICOLE STAUB - Notary Public
Montgomery County
My Commission Expires December 8, 2027
Commission Number 1266237

Signed, sealed, and delivered in my
presence:

_____
Unofficial Witness

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 210/2024

SUBJECT: Approve the purchase of twenty-five (25) Poll Pads for Elections to KNOWiNK, LLC of St. Louis, MO, in the amount of $53,125.00.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: PAT

Recommendation:
Approve.

Purpose of Request:
Approve the purchase of twenty-five (25) Poll Pads for Elections to KNOWiNK, LLC of St. Louis, MO, in the amount of $53,125.00.

History:

Facts and Issues:
KNOWiNK is a subcontractor for Dominion Voting Systems, who is the sole provider of election equipment and materials under current Contract #47800-SOS0000037 with the Georgia Secretary of State.

Options:

Funding Requested	$ 53,125.00
Are funds within current budget?	Yes
Source of Funds	General Funds, Elections Expense
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-04-22

Approvals:

Submit	Approve	Purchasing	Budget
PT	PT	AP	EW

Finance	Attorney	Administration	Clerk
TS	WLI	CR	JR

Attachments:

Financial Supplement
KNOWiNK Estimate

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 210/2024

Funds Requested: $ 53,125.00

Request Budgeted: Yes

Proposed Source of Funding:

General Funds, Elections Expense

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2024	100-GENERAL FUND	1400-ELECTIONS	521101-ELECTION EXPENSE	$53,125.00

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: PAT

Phone: 678-696-2505

KNOWiNK, LLC.
460 N Lindbergh Blvd
Saint Louis, MO 63141
+1 8557655723
http://knowink.com

Estimate

ADDRESS
Paige Thompson Hall County Board of Commissioners PO Drawer 1435 Gainesville, GA 30503

SHIP TO
Paige Thompson 2875 Browns Bridge Road Gainesville, GA 30504

ESTIMATE #	DATE	
8716	04/15/2024	

DATE	ITEM	HARDWARE/SOFTWARE	QTY	UNIT PRICE	TOTAL AMOUNT
	Georgia Poll Pad Solution	iPad 920 Case Flip Stand mCPrint-3 Encoder Stylus 18" Lightning Cable Cleaning Cloth Software License Data Activation	25	1,845.00	46,125.00
				Subtotal:	46,125.00
		Year 2 Annual Licenses and Maintenance Fees			
	Poll Pad Annual Maintenance Fee	Includes software updates and support	25	140.00	3,500.00
				Subtotal:	3,500.00
		Year 3 Annual Licenses and Maintenance Fees			
	Poll Pad Annual Maintenance Fee	Includes software updates and support	25	140.00	3,500.00
				Subtotal:	3,500.00

SUBTOTAL	53,125.00
TAX	0.00
TOTAL	**USD 53,125.00**

Accepted By

Accepted Date

Terms of Subscription

Subject to acceptance of the Master Software License & Service Agreement will be a (3) three year agreement. The term will begin effective on the date of equipment acceptance. All Poll Pad software comes with the standard (12) twelve month warranty. Post Election reporting included required VR Extract and digital e-Roster.

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 183/2024

SUBJECT: Approve the renewal of the annual contract for RFQ/P #42-009 Landscape Maintenance Services for various County departments to ACS Landscape Management, Inc. of Oakwood, GA. The estimated annual cost is $260,534.00.

Meetings:

Work Session Date: 05/06/24

Voting Meeting Date: 05/08/24

Executive Summary:

Presenter: TS

Recommendation:
Approve.

Purpose of Request:
Approve the renewal of the annual contract for RFQ/P #42-009 Landscape Maintenance Services for various County departments to ACS Landscape Management, Inc. of Oakwood, GA. The estimated annual cost is $260,534.00.

History:

This is year three (3) of a five (5) year contract.

Facts and Issues:
The price increase stems mainly from the addition of three (3) additional facilities; Hall County Fire Rescue Warehouse, Fire Station #17, and The Recycling Center.

Options:

Funding Requested	$ 260,534.00
Are funds within current budget?	Yes
Source of Funds	Fire, Emergency Services and Solid Waste
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-04-08

Approvals:

Buyer	submit	approve	Purchasing
AP	JS	JS	AP
Budget	**Finance**	**Attorney**	**Administration**
EW	TS	WLI	CR
Clerk			
JR			

Attachments:

Financial Supplement
Contract

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 183/2024

Funds Requested: $ 260,534.00

Request Budgeted: Yes

Proposed Source of Funding:

Fire, Emergency Services and Solid Waste

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2025	270-FIRE SERVICES FUND	3520-FIRE RESCUE	522203-GROUNDS MAINTENANCE	$147,358.00
2025	271-EMERGENCY SERVICES FUND	3630-EMS	522203-GROUNDS MAINTENANCE	$60,588.00
2025	540-SOLID WASTE FUND	4520-SOLID WASTE/DISPOSAL	522203-GROUNDS MAINTENANCE	$52,588.00

Budget Transfer Items:

Additional Information/Comments:

Landscaping falls under Facilities Management purview.

Contact for Questions: JS

Phone: 404-597-0084

HALL COUNTY
GEORGIA
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POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

DIRECTOR
Wesley Geddings

Hall County Government
FINANCIAL SERVICES

CONTRACT EXECUTION SIGNATURE REQUEST

Date: April 17, 2024

To: Richard Higgins, Chairman Hall County Board of Commission

From: Andy Penick

Your signature is requested to execute the attached Contract.

Bid/Contract No: # 42-009

Contract Name: Landscape Maintenance Services

Department(s) Requesting Contract: Fire Rescue/Landfill

Award Recipient Name: ACS Landscape Management, Inc.

Contract Description:

☐ Annual Contract ☐ New ☒ Renewal

☐ Price Increase Requested Percentage Increase: 17%

☐ Demand Service Contract Previous Spend: $217,983.73

☐ Commodity Contract Amount: $260,534.00

☒ Project/ Service Contract

Comments:

Year three (3) of a five (5) year contract.

CONTRACT EXECUTION SIGNATURE REQUEST
PRICE INCREASE DETAILS

Bid/Contract No: # 42-009

Contract Name: Landscape Maintenance Services

Increase primarily due to the addition of the Fire Services Resource Warehouse, the Recycling Center and Fire Station #17.

Hall County Government
FINANCIAL SERVICES

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 I f: 770.531.7112

FINANCIAL SERVICES DIRECTOR
Wesley Geddings

April 17, 2024

Joey Staples, President
ACS Landscape Management, Inc.
4042 Chamblee RD
Suite C
Oakwood, GA 30566

Subject: # 42-009 Landscape Maintenance Services

Hello, please see the attached renewal for the term July 1, 2024 – June 30, 2025.

Thank you,

Andy Penick
Hall County, GA

State of Georgia
County of Hall

Contract # 42-009

Contract Renewal
Year 3 of 5

Landscape Maintenance Services

April 17, 2024

Whereas, Hall County desires to renew the Contract period for one (1) additional year with **ACS Landscape Management, Inc.** of 4042 Chamblee Road, Suite C, Oakwood, GA 30566, from July 1, 2024 to June 30, 2025 in accordance with the terms and conditions of Contract # 42-009, Hall County Fire Rescue – Landscape Maintenance Services dated June 22, 2022, and any following Amendments, for service locations and cost schedule as shown on Attachment A - Pricing Matrix for FY 2025, and

Whereas, the Contractor has agreed to this contract renewal and agrees to provide services and/or materials previously supplied in accordance with the original contract, and

Whereas, additional location(s) may be added upon mutual consent via Amendment, and

Whereas, with both parties agreeing to the renewal as stated and therefore the above numbered contract is hereby changed as follows:

1. By extending the Contract Term from July 1, 2024 through June 30, 2025
2. Change Orders: Any and all change orders requested by the successful bidder on this project must be approved in writing prior to any work being performed. This includes the addition or subtraction of services or service locations. Any work performed outside the contract agreement for which compensation over and above the contract is requested must have an approved Change Order. If work is done before approval of a Change Order, the subsequent Change Order will be rejected.

Therefore, With the above change to the original contract set forth herein, the parties hereto agree that all terms and conditions of the original agreement will remain in full force and effect and legally binding on both parties.

[Signature Page Follows]

State of Georgia
County of Hall

Contract # 42-009

Contract Renewal
Year 3 of 5

Landscape Maintenance Services

April 17, 2024

Whereas, Hall County desires to renew the Contract period for one (1) additional year with **ACS Landscape Management, Inc.** of 4042 Chamblee Road, Suite C, Oakwood, GA 30566, from July 1, 2024 to June 30, 2025 in accordance with the terms and conditions of Contract # 42-009, Hall County Fire Rescue – Landscape Maintenance Services dated June 22, 2022, and any following Amendments, for service locations and cost schedule as shown on Attachment A - Pricing Matrix for FY 2025, and

Whereas, the Contractor has agreed to this contract renewal and agrees to provide services and/or materials previously supplied in accordance with the original contract, and

Whereas, additional location(s) may be added upon mutual consent via Amendment, and

Whereas, with both parties agreeing to the renewal as stated and therefore the above numbered contract is hereby changed as follows:

1. By extending the Contract Term from July 1, 2024 through June 30, 2025
2. Change Orders: Any and all change orders requested by the successful bidder on this project must be approved in writing prior to any work being performed. This includes the addition or subtraction of services or service locations. Any work performed outside the contract agreement for which compensation over and above the contract is requested must have an approved Change Order. If work is done before approval of a Change Order, the subsequent Change Order will be rejected.

Therefore, With the above change to the original contract set forth herein, the parties hereto agree that all terms and conditions of the original agreement will remain in full force and effect and legally binding on both parties.

[Signature Page Follows]

In witness whereof, the parties hereto have set their hands and affixed their seals the day and year first above written.

ACS LANDSCAPE MANAGEMENT, INC.

By: _____
Print Name: Robert J Staples
Title: President

HALL COUNTY, GEORGIA

By. _____
Richard Higgins, Chairman
Hall County Board of Commissioners

Date: _____

Attestment: _____

Approved as to Form: _____

Sworn to and subscribed before me this

28 Day of March, 2024

Notary Public: _____

My commission expires: 3/13/2028

RANDI RICHARDSON
NOTARY PUBLIC
MY COMMISSION EXPIRES
03/13/2028
HALL COUNTY, GEORGIA

Attachment A - Pricing Matrix for FY 2025	Term: July 1, 2024 - June 30, 2025		
Fire Rescue Service Location Sites	**Weeks**	**Per Service**	**Extended**
Service Area# 1: Fire Services Training Center 2801 Allen Creek Rd. Gainesville, GA. 30507	44	$ 197.00	$ 8,668.00
Service Area# 2: Fire Svs Vehicle Maintenance Shop 2801 Allen Creek Rd. Gainesville, GA. 30507	44	$ 113.00	$ 4,972.00
Service Area# 3: Fire Svs Training Ctr Burn Facility 2801 Allen Creek Rd. Gainesville, GA. 30507	44	$ 99.00	$ 4,356.00
Service Area# 4: Fire Svs Mobile Classroom 2801 Allen Creek Rd. Gainesville, GA. 30507	44	$ 33.00	$ 1,452.00
Service Area# 5: Emergency Services Complex 470 Crescent Dr. Gainesville, GA. 30501	44	$ 367.00	$ 16,148.00
Service Area# 6: Hall County Fire Station #1 3126 Gillsville Hwy, Gainesville, GA. 30501	44	$ 426.00	$ 18,744.00
Service Area# 7: Hall County Fire Station #2 6012 Hulsey Rd. Clermont, GA. 30527	44	$ 147.00	$ 6,468.00
Service Area# 8: Hall County Fire Station #3 4660 Ledan Ext. Gainesville, GA 30506	44	$ 254.00	$ 11,176.00
Service Area# 9: Hall County Fire Station #4 2940 McEver Rd. Gainesville, GA. 30504	44	$ 115.00	$ 5,060.00
Service Area# 10: Hall County Fire Station #5 4187 Falcon Pkwy. Flowery Branch, GA. 30542	44	$ 189.00	$ 8,316.00
Service Area# 11: Hall County Fire Station #6 6170 Lula Rd. Lula, GA. 30554	44	$ 153.00	$ 6,732.00
Service Area# 12: Hall County Fire Station #7 731 East Crescent Dr. Gainesville,GA. 30501	44	$ 238.00	$ 10,472.00
Service Area# 13: Hall County Fire Station #8 6175 Gaines Ferry Rd. Flowery Branch, GA. 30542	44	$ 116.00	$ 5,104.00
Service Area# 14: Hall County Fire Station #9 5040 Poplar Springs Rd. Gainesville, GA. 30507	44	$ 219.00	$ 9,636.00
Service Area# 15: Hall County Fire Station #10 5608 Highway 52 Gillsville, GA. 30543	44	$ 275.00	$ 12,100.00
Service Area# 16: Hall County Fire Station #11 5625 Bark Camp Rd. Murrayville, GA. 30564	44	$ 225.00	$ 9,900.00
Service Area# 17: Hall County Fire Station #12 4890 Winder Hwy. Flowery Branch, GA. 30542	44	$ 314.00	$ 13,816.00
Service Area# 18: Hall County Fire Station #13 2709 Sardis Rd. Gainesville, GA. 30506	44	$ 182.00	$ 8,008.00
Service Area# 19: Hall County Fire Station #14 7065 Dove Point Lane Hoschton, GA. 30548	44	$ 122.00	$ 5,368.00
Service Area# 20: Hall County Fire Station #15 4219 Autry Spur Gainesville, GA. 30506	44	$ 214.00	$ 9,416.00
Service Area# 21: Hall County Fire Station #16 4209 Shirley Rd. Gainesville, GA. 30506	44	$ 339.00	$ 14,916.00
Service Area# 23: Hall County Fire Station #17 5711/5719 Holiday Road, Buford, GA 30518	44	$ 136.05	$ 5,986.00
Service Area# 23: Hall County Fire Services Resource Warehouse 3144 Gillsville Hwy Gillsville GA 30507	44	$ 253.00	$ 11,132.00
Sub-Total for Fire Rescue Service Location Sites			**$ 207,946.00**

LANDFILL COMPACTOR & RECYCLING CENTER SITES	Weeks	Per Service	Extended
Balus Creek #01 Compactor Site	43	$ 78.00	$ 3,354.00
Blackshear Place #02 Compactor Site	43	$ 82.00	$ 3,526.00
Candler Road #03 Compactor Site	43	$ 96.00	$ 4,128.00
East Crescent Drive #04 Compactor Site	43	$ 74.00	$ 3,182.00
Flowery Branch #05 Compactor Site	43	$ 72.00	$ 3,096.00
Gaines Ferry Road #06 Compactor Site	43	$ 80.00	$ 3,440.00
Gould Lane #07 Compactor Site	43	$ 74.00	$ 3,482.00
Lula #08 Compactor Site	43	$ 105.00	$ 4,515.00
Murrayville #09 Compactor Site	43	$ 82.00	$ 3,526.00
Sardis #10 Compactor Site	43	$ 136.00	$ 5,848.00
Tadmore #11 Compactor Site	43	$ 77.00	$ 3,311.00
Wauka Mountain #12 Compactor Site	43	$ 103.00	$ 4,429.00
Hall County Recycle Center	43	$ 157.00	$ 6,751.00
Sub-Total for LANDFILL COMPACTOR & RECYCLING CENTER SITES			**$ 52,588.00**

Grand Total **$ 260,534.00**

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 219/2024

SUBJECT: Approve the renewal of the annual contract for IFB #004-43 Emergency Back-Up Power Generator Maintenance to Power & Energy Services, Inc. of Powder Springs, GA. The estimated annual cost is $652,661.00.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: TS

Recommendation:
Approve.

Purpose of Request:

Approve the renewal of the annual contract for IFB #004-43 Emergency Back-Up Power Generator Maintenance to Power & Energy Services, Inc. of Powder Springs, GA. The estimated annual cost is $652,661.00.

History:
Power & Engergy Services held previous contract for the last two (2) years and has proven to be a good and reliable vendor for the County in servicing this contract.

This contract covers all generators within the County.

Facts and Issues:
This is year three (3) of a three (3) year contract.

Options:

Funding Requested	$ 652,661.00
Are funds within current budget?	Yes
Source of Funds	Various Operating Funds
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	

Approvals:

Buyer	Submit	Purchasing	Budget

Buyer	Submit	Purchasing	Budget
CW	CW	AP	TS
Finance	**Attorney**	**Administration**	**Clerk**
TS	WLI	CR	JR

Attachments:
Financial Supplement
Contract
Generator Locations

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 219/2024

Funds Requested: $ 652,661.00

Request Budgeted: Yes

Proposed Source of Funding:

Various Operating Funds

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2025	TBD	TBD	522200-REPAIRS AND MAINTENANCE	$652,661.00

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: TS

Phone: 770-531-3900

HALL COUNTY
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POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM DIRECTOR
Taylor Samples, CPA

Hall County Government
FINANCIAL SERVICES

CONTRACT EXECUTION SIGNATURE REQUEST

Date: 04/04/2024

To: Richard Higgins, Chairman, BOC

From: Cheryl Wright, Buyer

Your signature is requested to execute the attached bid/contract award documents for:

Bid/Contract No: 004-43-2

Bid/Contract Name: Emergency Back-Up Power Generator Maintenance Annual Contract

Department(s) Requesting Contract: Multiple

Award Recipient Name: Power & Energy

Contract Description:

☒ Annual Contract ☐ New ☒ Renewal

Prior Year's Spend: $522,129

☐ Price Increase Requested Increase Percentage: 0%

☒ Project/Service Contract Awarded Amount: $652,661

☐ Product Contract Awarded Amount: $0

Comments: Year three (3) of a three (3) year contract.

CONTRACT EXECUTION SIGNATURE REQUEST
PRICE INCREASE DETAILS

Bid/Contract No: 004-43

Bid/Contract Name: Emergency Back-Up Power Generator Maintenance – Renewal contract for FY25. Vendor held previous contract for the last two (2) years and is a vendor in good standing with the County. The estimated annual cost for FY25 is $652,661.00.

State of Georgia
County of Hall

Contract #004-43-2

Contract Renewal #2

Emergency Back-Up Power Generator Maintenance

March 20, 2024

Whereas, the County desires to extend the contract period for a one year period through June 30, 2025, in accordance with the terms and conditions of Bid #004-43, Emergency Back-Up Power Generator Maintenance, dated May 19, 2022 and

Whereas, the Contractor has agreed to this extension and agrees to provide services and/or materials previously supplied in accordance with the original agreement; and

Whereas, with both parties agreeing to the extension as stated and therefore, the above numbered contract is hereby changed as follows:

1. By extending the contract coverage for a one year period through June 30, 2025,

2. Change Orders: Any and all change orders requested by the successful bidder on this project must be approved per the County's Purchasing Policies through the Contract Administrator prior to any work being performed. Any work performed outside the contract agreement for which compensation over and above the contract is requested must have an approved Change Order. If work is done before approval of a Change Order, the subsequent Change Order will be rejected.

Therefore, With the above change to the original contract set forth herein, the parties hereto agree that all terms and conditions of the original agreement will remain in full force and effect and legally binding on both parties.

In witness whereof, the parties hereto have set their hands and affixed their seals the day and year first above written.

POWER & ENERGY

By: _____
Print Name: Brandon Cummings
Title: COO

Sworn to and subscribed before me this
21 Day of MARCH, 2024

Notary Public: _____
Notary commission expires: 9-27-24

HALL COUNTY, GEORGIA

By. _____
Richard Higgins, Chairman
Hall County Board of Commissioners

Date: _____

Attestment: _____
County Clerk

Approved as to Form

APPROVED AS TO FORM

_____
Justin R. Lawhorn,
Senior Assistant County Attorney

TONYA BAZEMORE NOTARY PUBLIC CARROLL COUNTY, GEORGIA COMMISSION EXPIRES SEPTEMBER 27, 2028

IFB #: 004-43 Emergency Back-Up Power Generator		Power & Energy Powder Springs, GA
ITEM NO.	ITEM DESCRIPTION	PRICE
1	**Hall County Courthouse, 225 Green Street, Gainesville, GA 30501, Contact Kevin Ivey 770-531-6823** Olympian Model # D150P1, Serial # F5206G/001, 150 KW Diesel Engine, 24 Hour Tank	
1a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$275.00
1b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$300.00
1c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
1d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
	Hall County Fire Station # 2, 6012	
2	**Hulsey Road, Clermont, GA 30527, Contact Bradley Martin, 678-343-0636** Kohler Model # 50R26B, Serial # 2188385, 50 KW, Natural Gas Engine	
2a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
2b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
2c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
2d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
3	**Hall County Fire Station # 3, 4660 Ledan Extension, Gainesville, GA 30506, Contact Jerry Smith, 404-597-0084** Cummins Model # DSCAB-1342437, Serial # L130602914, 45 KW, Diesel Engine	
3a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
3b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
3c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
3d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
4	**Hall County Fire Station # 5, 4187 Falcon Parkway, Flowery Branch, GA 30542, Contact Jerry Smith, 404-597-0084** Onan Model # GGFE-5770837, Serial # H0060958778, 45 KW, Natural Gas Engine	
4a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
4b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
4c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
4d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
5	**Hall County Fire Station # 7, 731 East Crescent Drive, Gainesville, GA 30501, Contact Jerry Smith, 404-597-0084** Cummins Model # 30A61 L33593, Serial # C900302921, 30 KW, Diesel Engine	
5a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
5b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
5c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00

5d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
6	**Hall County Fire Station # 9, 5040 Poplar Springs Road, Gainesville, GA 30507, Contact Jerry Smith, 404-597-0084**	
	Kohler Model # 35RZ62, Serial # 398490, 31 KW, Natural Gas Engine	
6a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
6b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
6c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
6d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
7	**Hall County Fire Station # 10, 5608 Highway 52, Gillsville, GA 30543, Contact Jerry Smith, 404-597-0084**	
	Onan Model # GGFC-4477522, Serial # C000077600, 45 KW, Propane Gas Engine	
7a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
7b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
7c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
7d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
8	**Hall County Fire Station # 11, 5625 Bark Camp Road, Murrayville, GA 30564, Contact Jerry Smith, 404-597-0084**	
	Onan Model # GGFC-4477522, Serial #77599, 45 KW, Propane Gas Engine	
8a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
8b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
8c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
8d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
9	**Hall County Fire Station # 12, 4890 Winder Highway, Flowery Branch, GA 30542, Contact Jerry Smith, 404-597-0084**	
	Kohler Model # 45RZ, Serial # 659866, 45 KW, Natural Gas Engine	
9a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
9b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
9c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
9d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
10	**Hall County Fire Station # 13, 2709 Sardis Road, Gainesville, GA 30506, Contact Jerry Smith, 404-597-0084**	
	Olympian Model # G50F3, Serial # OLY00000KNFS00284, 56.3 KW, Natural Gas Engine	
10a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
10b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
10c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00

10d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
11	**Hall County Fire Station # 14, 7065 Dove Point Lane, Hoschton, GA 30548, Contact Jerry Smith, 404-297-0084**	
	Cummins Model # GGFE-5769465, Serial # G060950695, 30 KW, Natural Gas Engine	
11a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
11b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
11c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
11d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
12	**Hall County Fire Station # 15, 4219 Autry Spur, Gainesville, GA 30506, Contact Jerry Smith, 404-597-0084**	
	Generac Model # 9697650100, Serial # 209758, 45 KW, LP Gas Engine	
12a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
12b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
12c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
12d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
13	**Hall County Fire Station # 16, 4209 Shirley Road, Gainesville, GA 30506, Contact Jerry Smith, 404-597-0084**	
	Cummins Model # DSGAB-1342428, Serial # L130602915, 125 KW, Diesel Engine	
13a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$275.00
13b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$300.00
13c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
13d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
14	**Hall County Correctional Institution, 1698 Barber Road, Gainesville, GA 30507, Contact Sgt. Shay Free, 770-531-6872**	
	Cummins Model #DGDK-5768015, 5.9L Diesel Engine, 125 KVA, 480 v - 260 amps	
14a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$275.00
14b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$300.00
14c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
14d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
15	**Hall County Jail, 1700 Barber Road, Gainesville, GA 30507, Contact Lynn Yarborough, 770-654-8182**	
	Spectrum Model # 650DSEB, Serial # 2126143, Spec # GM30408-GAHS, Detroit Diesel Model # R1237M36, Serial # 5352004879 Diesel Engine with a 1,500 Gallon Tank	
15a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$875.00
15b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$900.00
15c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00

15d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
	Spout Springs Sewer Generators	
16	**Hall County Treatment Plant, 6818 Spout Springs Road, Hoschton, GA 30548, Contact Tim Bollinger, 770-531-6800 (Return pump station)**	
	Caterpillar, Model #SR4B, 587 hp, Diesel Engine, Model #3406, 500 KVA, 480 v, 600 amps. Pumps: Flygt duplex 10 hp - 480 v.	
16a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$700.00
16b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$725.00
16c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
16d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
17	**Union Circle 5460 Union Circle, Flowery Branch, GA 30542, Contact Tim Bollinger, 770-531-6800**	
	Cummins Model # DSGAC-545175, 152 hp Diesel Engine Model # QSB7-G3, 150 KVA, 480 V - 226 amps	
17a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$275.00
17b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$300.00
17c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
17d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
18	**Shady Glen 1.4C, 7474 Shady Glen Drive P S , Flowery Branch, GA 30542, Contact Tim Bollinger, 770-531-6800**	
	Kohler Model # 20RZ, 4 Cylinder Natural Gas Ford Model # LRG425, 20 KVA, 240 V - 200 amps	
18a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
18b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
18c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
18d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
19	**Mossy Log 1.4B, 7530 Mossy Log Court P S, Flowery Branch, GA 30542, Contact Tim Bollinger, 770-531-6800**	
	Kohler Model # 35RZG, 4.3L Natural Gas Engine Chevy Model # 4P3L260ZZ, 30 KVA, 240 V - 200 amps	
19a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
19b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
19c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
19d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
20	**Sleepy Lagoon 1.1A, 8052 Sleepy Lagoon Way, Flowery Branch, GA 30542, Contact Tim Bollinger, 770-531-6800**	
	Olympian Model # G125G-1, 8.1L Natural Gas Engine GM Serial # 8.1L-08610, 156 KVA, 480 V - 200 amps	
20a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$275.00

20b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$300.00
20c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
20d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
21	**Benchmark 1.2A, 7806 Benchmark, Flowery Branch, GA 30542, Contact Tim Bollinger, 770-531-6800**	
	Olympian Model # G40F3, 4.2L Natural Gas Engine Ford Model # ESG642, 50 KVA, 480 V - 200 amps	
21a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
21b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
21c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
21d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
22	**Reunion - 5973 Peacock Lane, Hoschton, GA 30548. Contact Tim Bollinger, 770-531-6800**	
	Caterpillar, Model #SR4B, 382 hp Diesel Engine, Model #3306, 250 KVA, 480 v - 400 amps.	
22a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$350.00
22b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$375.00
22c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
22d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
23	**Tree House, 7053 Tree House Way, Flowery Branch, GA 30542. Contact Tim Bollinger, 770-531-6800**	
	Kohler Model #20RZ Propane Generator ABS pums, Model #J 500 D/4ms, 5 hp, 230 v - 3 Phase.	
23a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
23b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
23c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
23d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
24	**Looper 2-1 6395 Looper Lake Drive, Flowery Branch, GA 30542. Contact Tim Bollinger, 770-531-6800**	
	Olympian Model #G30F3, 4.2 L Propane Engine, Fore model # ESG642, 37.5 KVA, 240 v - 200 amps.	
24a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
24b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
24c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
24d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
25	**Boulevard 301, 7132 Lake Sterling Boulevard, Flowery Branch, GA 30542. Contact Tim Bollinger, 770-531-6800**	
	Kohler, Model #2-RZ, 4 cylinder Natural Gas Engine, Ford Model #LRG425, 20 KVA, 240 v - 200 amps.	

25a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
25b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
25c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
25d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
26	**Crystal Farms- 4884 Winder Hwy., Flowery Branch, GA 30542. Contact Tim Bollinger, 770-531-6800**	
	Cummins Model #1000 DQFAD, 1490 hp, Diesel Engine, 1000 KVA	
26a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$1,200.00
26b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$1,300.00
26c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
26d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
27	**Mulberry Creek - 5665 Howington Road, Braselton, GA 30517. Contact Tim Bollinger, 770-531-6800**	
	Cummins Model #1000 DQFAD, 1490 hp, Diesel Engine, 1000 KVA	
27a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$1,200.00
27b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$1,300.00
27c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
27d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
28	**Winder Hwy. Pump Station - 4633 Winder Hwy., Flowery Branch, GA 30542. Contact Tim Bollinger, 770-531-6800**	
	Kohler Model #80REOZJB, Serial #2287263, John Deere 90 hp, 80 kw, 1000 KVSW, 60 hz, 100 amps, 3 Phase, 480 v, 215 gallon fuel tank.	
28a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
28b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$274.00
28c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
28d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
29	**North Hall Master Pump Station, 3286 Chiplan Drive, Gainesville, GA 30507, Contact Tim Bollinger, 770-531-6800**	
	Kohler Model # 230REOZJC, 230 KW, 346 amp, John Deere Model # 6090HF484 Turbo Diesel Engine, 550 Gallon Fuel Tank, 400 amp Kohler Model # KSS-DMTC-0400S ATS	
29a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$350.00
29b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$375.00
29c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
29d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
30	**North Hall Pump Station #1, 3081 Gateway Centre Parkway, Gainesville, GA 30501. Contact Tim Bollinger, 770-531-6800**	

30	Kohler Power Systems Model #50REOZJC, 50 kw, 78 amp, John Deere Model #4024HF285B, Diesel Engine, 113 gallon fuel tank, 100 amp, Kohler Model KSS-DMTA-0100S ATS.	
30a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
30b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
30c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
30d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
31	**North Hall Pump Station #2, 3611 Kubota Way, Gainesville, GA 30501, Contact Tim Bollinger, 770-531-6800**	
	Kohler Power Systems Model #40REOZJC, 40 kw, 50 amp, John Deere Model #4024HF285B, Diesel Engine, 113 gallon fuel tank, 100 amp, Kohler Model KSS-DMTA-0100S ATS.	
31a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
31b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
31c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
31d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
32	**North Hall Pump Station #3, 3675 Cornelia Hwy., Lula, GA 30554. Contact Tim Bollinger, 770-531-68020**	
	Kohler Power Systems Model #40REOZJC, 40 kw, 50 amp, John Deere Model #4024HF285B, Diesel Engine, 113 gallon fuel tank, 100 amp, Kohler Model KSS-DMTA-0100S ATS.	
32a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$200.00
32b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$225.00
32c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
32d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
33	**Pump Station #4, 3820 Cornelia Hwy., Lula, GA 30554. Contact Tim Bollinger, 770-531-6800**	
	Kohler Model #50REOZJC, 50 KW, John Deere Model #KD13404TM Turbo Diesel Engine, 142 Gallon Fuel Tank, 200 amp Kohler Model # KSS-AFNF-0200S ATS	
33a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
33b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
33c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
33d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
34	**Pump Station #5, 4335 Cornelia Hwy., Lula, GA 30554. Contact Tim Bollinger, 770-531-6800**	
	Kohler Model #50REOZJC, 50 KW, John Deere Model #KD13404TM Turbo Diesel Engine, 142 Gallon Fuel Tank, 200 amp Kohler Model # KSS-AFNF-0200S ATS	
34a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
34b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
34c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00

34d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
35	**Hall County Correctional Institution, 1698 Barber Road, Gainesville, GA 30507, Contact Lee Strickland, 678-997-3037.**	
	Onan Model #125GDEA, Serial #C980713733, Spec. #94395K, Output single phase 83.8 kw, 3 phase 125 kw, Diesel Engine with a 24 hour tank. This generator is being used by Building Maintenance per C.I.	
35a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$275.00
35b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$300.00
35c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
35d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
36	**Hall County Landfill, 1700 Oakbrook Dr., Gainesville, GA 30507. Contact Johnnie Vickers, 770-531-6853.**	
	Olympian Model #D90P1, Serial #OLY00000CNPS01985, 112.5 KVA, 90 kw, 420 v, 3 Phase, 135 amps.	
36a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$250.00
36b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$275.00
36c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
36d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
37	**Hall County Government Center, 2875 Browns Bridge Road, Gainesville, GA 30505, Contact, Kevin Ivey 770-531-6823**	
	Generac Model #SD0230KG178.7D18HPYY3, 230 KW, 345 amp, and 5 ATS's.	
37a	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Regular Business Hours	$350.00
37b	Annual Maintenance for 1 time per year to include an Annual and a Quarterly - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$375.00
37c	Quarterly Maintenance for 3 times per year - Regular Business Hours	$180.00
37d	Quarterly Maintenance for 3 times per year - Weekends between Friday after 5:00 pm through Monday before 8:00 am	$180.00
		$39,044.00
	Labor Rates, Parts Percentage Markup and Other Information	
37	Labor Rate, Regular Business Hours, Monday 8:00 am through Friday 5:00 pm, per Hour	$100.00
38	Labor Rate, After Regular Business Hours, Friday after 5:00 pm through Monday before 8:00 am, per Hour	$120.00
39	Labor Rate, United States and Hall County Recognized Holidays, per Hour - (Sundays & Holidays)	$120.00
40	Labor Rate, Time worked in excess of Eight (8) Regular Business Hours, on Repair Calls, per Hour	$120.00
41	Parts Percentage Markup (Cost Plus %)	20.00%
42	Minimum Rate Charge	$100.00
43	Emergency Repairs Response Time	2 hrs.
44	Number of Generator Service Personnel Available for this Hall County Contract	6

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AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 211/2024

SUBJECT: Approve the declaration of surplus vehicles and authorize the Chairman to execute any and all documents necessary to declare as surplus and unserviceable, and authorize the Purchasing Division to upload for auction on GovDeals.com auction website, subject to review and approval by the County Attorney.

Meetings:

Work Session Date: 05/06/24

Voting Meeting Date: 05/08/24

Executive Summary:

Presenter: TS

Recommendation:
Approve.

Purpose of Request:

Approve the declaration of surplus vehicles and authorize the Chairman to execute any and all documents necessary to declare as surplus and unserviceable, and authorize the Purchasing Division to upload for auction on GovDeals.com auction website, subject to review and approval by the County Attorney.

History:
These five (5) vehicles will be uploaded to GovDeals.com, an auction website the County regularly uses to dispose of surplus assets. They will be listed and sold as individual assets.

The Purchasing Division has been working closely with GovDeals to ascertain fair market value of similar vehicles based on recent transactions on the GovDeals.com website.

Facts and Issues:

Options:

These vehicles are operable and in good working condition. They have been fully depreciated and are beyond their useful lives for Hall County.

Titles are clean and in-hand, ready to produce to a prospective buyer.

Detail of the vehicles is as follows: four (4) ambulances: 1) 2008 Freightliner bearing VIN Number 1FVACWDK18HZ80446, 2) 2013 Freightliner bearing VIN Number 1FVACWDUXDHFF5396, 3) 2008 Freightliner bearing VIN Number 1FVACWDK38HZ80447, 4) 2013 Freightliner bearing VIN Number 1FVACWDU8DHFF5395, and one (1) 2000 HME Fire Truck (aka "Engine 12") bearing VIN 44KFT4286YWZ19211

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	

Approvals:

Buyer	Submit	Purchasing	Budget
AY	AY	AY	EW
Finance	**Attorney**	**Administration**	**Clerk**
TS	WLI	CR	JR

Attachments:

Bill of Sales
Surplus Vehicle Capital Asset Report
Surplus Vehicle List

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 211/2024

Funds Requested: $ 0.00

Request Budgeted: No

Proposed Source of Funding:

Budget Transfer Requested: No

Funding Source Items:

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: AY

Phone: 770-531-4940

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GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM DIRECTOR
Taylor Samples, CPA

Hall County Government
FINANCIAL SERVICES

VEHICLE BILL OF SALE

Hall County, Georgia, Board of Commissioners (herein "Seller"), located at 2875 Browns Bridge Rd, Gainesville, GA 30504, agrees to sell, transfer, and convey all rights, title, and interest in the below described vehicle (herein "Vehicle") to _____ (herein "Buyer"), located at _____ for and in consideration of the total sum of $_____, the receipt of which is hereby acknowledged.

Vehicle Information

Year, Make, Model:	2008 Freightliner Ambulance
Color:	White
VIN:	1FVACWDK18HZ80446
Odometer Reading:	267,108

The Seller certifies to the Buyer that the Seller is the legal and rightful owner of the Vehicle and has full right and authority to convey the same. The Seller further certifies that there are no liens, security interests, or encumbrances on this vehicle.

The undersigned Buyer accepts receipt of the Vehicle described herein and understands and acknowledges that the Vehicle is sold in used condition – as-is, where-is – without any guarantees or warranties of any kind, either expressed or implied.

_____ _____
Seller Signature Date

Richard Higgins, Chairman, Hall County Board of Commissioners
Seller Printed Name

_____ _____
Buyer Signature Date

_____
Buyer Printed Name

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Vehicle Information

Year, Make, Model:	2013 Freightliner Ambulance
Color:	White
VIN:	1FVACWDUXDHFF5396
Odometer Reading:	257,293

The Seller certifies to the Buyer that the Seller is the legal and rightful owner of the Vehicle and has full right and authority to convey the same. The Seller further certifies that there are no liens, security interests, or encumbrances on this vehicle.

The undersigned Buyer accepts receipt of the Vehicle described herein and understands and acknowledges that the Vehicle is sold in used condition – as-is, where-is – without any guarantees or warranties of any kind, either expressed or implied.

_____ _____
Seller Signature Date

Richard Higgins, Chairman, Hall County Board of Commissioners
Seller Printed Name

_____ _____
Buyer Signature Date

_____
Buyer Printed Name

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Vehicle Information

Year, Make, Model: 2008 Freightliner Ambulance

Color: White

VIN: 1FVACWDK38HZ80447

Odometer Reading: 158,246

The Seller certifies to the Buyer that the Seller is the legal and rightful owner of the Vehicle and has full right and authority to convey the same. The Seller further certifies that there are no liens, security interests, or encumbrances on this vehicle.

The undersigned Buyer accepts receipt of the Vehicle described herein and understands and acknowledges that the Vehicle is sold in used condition – as-is, where-is – without any guarantees or warranties of any kind, either expressed or implied.

_____ _____
Seller Signature Date

Richard Higgins, Chairman, Hall County Board of Commissioners
Seller Printed Name

_____ _____
Buyer Signature Date

_____
Buyer Printed Name

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Hall County Government
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Hall County, Georgia, Board of Commissioners (herein "Seller"), located at 2875 Browns Bridge Rd, Gainesville, GA 30504, agrees to sell, transfer, and convey all rights, title, and interest in the below described vehicle (herein "Vehicle") to _____ (herein "Buyer"), located at _____ for and in consideration of the total sum of $_____, the receipt of which is hereby acknowledged.

Vehicle Information

Year, Make, Model: 2013 Freightliner Ambulance

Color: White

VIN: 1FVACWDU8DHFF5395

Odometer Reading: 178,787

The Seller certifies to the Buyer that the Seller is the legal and rightful owner of the Vehicle and has full right and authority to convey the same. The Seller further certifies that there are no liens, security interests, or encumbrances on this vehicle.

The undersigned Buyer accepts receipt of the Vehicle described herein and understands and acknowledges that the Vehicle is sold in used condition – as-is, where-is – without any guarantees or warranties of any kind, either expressed or implied.

_____ _____
Seller Signature Date

Richard Higgins, Chairman, Hall County Board of Commissioners
Seller Printed Name

_____ _____
Buyer Signature Date

_____
Buyer Printed Name

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FINANCIAL SERVICES

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Hall County, Georgia, Board of Commissioners (herein "Seller"), located at 2875 Browns Bridge Rd, Gainesville, GA 30504, agrees to sell, transfer, and convey all rights, title, and interest in the below described vehicle (herein "Vehicle") to _____ (herein "Buyer"), located at _____ for and in consideration of the total sum of $_____, the receipt of which is hereby acknowledged.

Vehicle Information

Year, Make, Model:	2000 HME Fire Engine (aka "Engine 12")
Color:	Red
VIN:	44KFT4286YWZ19211
Odometer Reading:	11,085 Hours

The Seller certifies to the Buyer that the Seller is the legal and rightful owner of the Vehicle and has full right and authority to convey the same. The Seller further certifies that there are no liens, security interests, or encumbrances on this vehicle.

The undersigned Buyer accepts receipt of the Vehicle described herein and understands and acknowledges that the Vehicle is sold in used condition – as-is, where-is – without any guarantees or warranties of any kind, either expressed or implied.

_____ _____
Seller Signature Date

Richard Higgins, Chairman, Hall County Board of Commissioners
Seller Printed Name

_____ _____
Buyer Signature Date

_____
Buyer Printed Name

ASSET # 11501		MASTER ASSET		DESCRIPTION	2008 FREIGHTLINER M2 106-MED 26		
CLASS	50 VEHICLES	FUND SOURCE					
SUBCL	500 MOTOR VEHICLES	ACQUIS METH		MAINT CONT	Y	INSURED	N
COMMODITY				VENDOR DESC	Vendor Name Mi	CARRIER	
DEPT	3630 EMS	ACQUIS DATE	06/30/2009	TYPE	G	INSURED VAL	0.00
LOC CODE	3630 EMS	ACQUIS COST	231,500.00	EXPIRE DATE		EXPIRE DATE	
LOC MEMO		ACRES	0.000	ANNUAL COST	0.00	POLICY CST	0.00
ROOM		QTY	1	MEMO		MEMO	
STORAGE LOC		UNIT PRICE	231,500.00				
		PURCH MEMO					
STATUS	A ACTIVE						
CONDITION		SOY BOOK	0.00	DEPRECIATE	Y		
CUSTODIAN	Hall County	CURRENT BOOK	0.00	DEPREC PRIN	231,500.00		
TITLEHOLDER	Hall County, GA	EST SALVAGE	0.00	FIRST YR/PR	2009/12	LAST YR/PR	2019/11
		REPL COST	231,500.00	EST LIFE	10		
TAG # 11501		LAST INVENT	06/30/2009	PERIODS TAKEN	120		
SERIAL #	S/N 1FVACWDK18HZ80446	IMPROVE MEMO		ACCUM DEPREC	231,500.00		
MANUFACTURER							
MODEL		RETIRE DATE					
MODEL YEAR		DISP CODE					
LICENSE #	GV80351	DISP PRICE	0.00				
		SALE PRICE	0.00				

VEND #	PO #	DOCUMENT #	INVOICE #	INV DATE	INV AMT

GL Accounts

TYPE	ACCOUNT	PERCENT
Asset	850-0000-117501-0000-	100.00
Contra	850-0000-133100-0000-	100.00
Profit/Loss	850-0000-392000-0000-	100.00
Depreciation Expense	850-0000-561000-0000-	100.00
Accumulated Depreciation	850-0000-117511-0000-	100.00

PO Accounts

ACCOUNT	AMOUNT

ASSET # 000870		MASTER ASSET		DESCRIPTION	2013 FREIGHTLINER M2 106-MED 05		
CLASS	50 VEHICLES	FUND SOURCE					
SUBCL	500 MOTOR VEHICLES	ACQUIS METH		MAINT CONT	Y	INSURED	N
COMMODITY				VENDOR DESC	Vendor Name Mi	CARRIER	
DEPT	3630 EMS	ACQUIS DATE	06/30/2013	TYPE	G	INSURED VAL	0.00
LOC CODE	3630 EMS	ACQUIS COST	292,879.00	EXPIRE DATE		EXPIRE DATE	
LOC MEMO		ACRES	0.000	ANNUAL COST	0.00	POLICY CST	0.00
ROOM		QTY	1	MEMO		MEMO	
STORAGE LOC		UNIT PRICE	292,879.00				
		PURCH MEMO					
STATUS	A ACTIVE						
CONDITION		SOY BOOK	26,847.24	DEPRECIATE	Y		
CUSTODIAN	Hall County	CURRENT BOOK	0.00	DEPREC PRIN	292,879.00		
TITLEHOLDER	Hall County, GA	EST SALVAGE	0.00	FIRST YR/PR	2013/12	LAST YR/PR	2023/11
		REPL COST	292,879.00	EST LIFE	10		
TAG # 000870		LAST INVENT	06/30/2013	PERIODS TAKEN	120		
SERIAL #	1FVACWDUXDHFF5396	IMPROVE MEMO		ACCUM DEPREC	292,879.00		
MANUFACTURER							
MODEL		RETIRE DATE					
MODEL YEAR		DISP CODE					
LICENSE #	GV3393D	DISP PRICE	0.00				
		SALE PRICE	0.00				

VEND #	PO #	DOCUMENT #	INVOICE #	INV DATE	INV AMT

GL Accounts

TYPE	ACCOUNT	PERCENT
Asset	850-0000-117501-0000-	100.00
Contra	850-0000-133100-0000-	100.00
Profit/Loss	850-0000-392000-0000-	100.00
Depreciation Expense	850-0000-561000-0000-	100.00
Accumulated Depreciation	850-0000-117511-0000-	100.00

PO Accounts

ACCOUNT	AMOUNT

ASSET # 11500		MASTER ASSET		DESCRIPTION	2008 FREIGHTLINER M2 106-MED 30		
CLASS	50 VEHICLES	FUND SOURCE					
SUBCL	500 MOTOR VEHICLES	ACQUIS METH		MAINT CONT	Y	INSURED	N
COMMODITY				VENDOR DESC	Vendor Name Mi	CARRIER	
DEPT	3630 EMS	ACQUIS DATE	06/30/2009	TYPE	G	INSURED VAL	0.00
LOC CODE	3630 EMS	ACQUIS COST	231,500.00	EXPIRE DATE		EXPIRE DATE	
LOC MEMO		ACRES	0.000	ANNUAL COST	0.00	POLICY CST	0.00
ROOM		QTY	1	MEMO		MEMO	
STORAGE LOC		UNIT PRICE	231,500.00				
		PURCH MEMO					
STATUS	A ACTIVE						
CONDITION		SOY BOOK	0.00	DEPRECIATE	Y		
CUSTODIAN	Hall County	CURRENT BOOK	0.00	DEPREC PRIN	231,500.00		
TITLEHOLDER	Hall County, GA	EST SALVAGE	0.00	FIRST YR/PR	2009/12	LAST YR/PR	2019/11
		REPL COST	231,500.00	EST LIFE	10		
TAG # 11500		LAST INVENT	06/30/2009	PERIODS TAKEN	120		
SERIAL #	S/N 1FVACWDK38HZ80447	IMPROVE MEMO		ACCUM DEPREC	231,500.00		
MANUFACTURER							
MODEL		RETIRE DATE					
MODEL YEAR		DISP CODE					
LICENSE #	GV80352	DISP PRICE	0.00				
		SALE PRICE	0.00				

VEND #	PO #	DOCUMENT #	INVOICE #	INV DATE	INV AMT

GL Accounts

TYPE	ACCOUNT	PERCENT
Asset	850-0000-117501-0000-	100.00
Contra	850-0000-133100-0000-	100.00
Profit/Loss	850-0000-392000-0000-	100.00
Depreciation Expense	850-0000-561000-0000-	100.00
Accumulated Depreciation	850-0000-117511-0000-	100.00

PO Accounts

ACCOUNT	AMOUNT

ASSET # 00869		MASTER ASSET		DESCRIPTION	2013 FREIGHTLINER M2 106-MED 14		
CLASS	50 VEHICLES	FUND SOURCE					
SUBCL	500 MOTOR VEHICLES	ACQUIS METH		MAINT CONT	Y	INSURED	N
COMMODITY				VENDOR DESC	Vendor Name Mi	CARRIER	
DEPT	3630 EMS	ACQUIS DATE	06/30/2013	TYPE	G	INSURED VAL	0.00
LOC CODE	3630 EMS	ACQUIS COST	292,879.00	EXPIRE DATE		EXPIRE DATE	
LOC MEMO		ACRES	0.000	ANNUAL COST	0.00	POLICY CST	0.00
ROOM		QTY	1	MEMO		MEMO	
STORAGE LOC		UNIT PRICE	292,879.00				
		PURCH MEMO					
STATUS	A ACTIVE						
CONDITION		SOY BOOK	26,847.24	DEPRECIATE	Y		
CUSTODIAN	Hall County	CURRENT BOOK	0.00	DEPREC PRIN	292,879.00		
TITLEHOLDER	Hall County, GA	EST SALVAGE	0.00	FIRST YR/PR	2013/12	LAST YR/PR	2023/11
		REPL COST	292,879.00	EST LIFE	10		
TAG # 00869		LAST INVENT	06/30/2013	PERIODS TAKEN	120		
SERIAL #	1FVACWDU8DHFF5395	IMPROVE MEMO		ACCUM DEPREC	292,879.00		
MANUFACTURER							
MODEL		RETIRE DATE					
MODEL YEAR		DISP CODE					
LICENSE #	GV9937C	DISP PRICE	0.00				
		SALE PRICE	0.00				

VEND #	PO #	DOCUMENT #	INVOICE #	INV DATE	INV AMT

GL Accounts

TYPE	ACCOUNT	PERCENT
Asset	850-0000-117501-0000-	100.00
Contra	850-0000-133100-0000-	100.00
Profit/Loss	850-0000-392000-0000-	100.00
Depreciation Expense	850-0000-561000-0000-	100.00
Accumulated Depreciation	850-0000-117511-0000-	100.00

PO Accounts

ACCOUNT	AMOUNT

Surplus Vehicles

April 16, 2024

GovDeals estimated values are only estimates and based on recent auctions over the past year. GovDeals' estimates should not be inferred as an indicator of final auction/sale price.

Vehicles to Auction

- 2008 Freightliner Ambulance
  - 267,108 Miles
  - GovDeals estimated value: $5,000-$20,000
  - Purchase Date: September 5, 2008
  - Purchase Price: $231,500
  - County Asset Tag: 011501
  - VIN: 1FVACWDK18HZ80446
  - Title Number: 773602083267010

- 2013 Freightliner Ambulance
  - 257,293 Miles
  - GovDeals estimated value: $5,000-$20,000
  - Purchase Date: May 31, 2013
  - Purchase Price: $292,879.00
  - County Asset Tag: 000870
  - VIN: 1FVACWDUXDHFF5396
  - Title Number: 778906131688010

- 2008 Freightliner Ambulance
  - 158,246 Miles
  - GovDeals estimated value: $5,000-$20,000
  - Purchase Date: September 5, 2008
  - Purchase Price: $231,500
  - County Asset Tag: 011500
  - VIN: 1FVACWDK38HZ80447
  - Title Number: 773611083266010

- 2013 Freightliner Ambulance
  - 178,787 Miles
  - GovDeals estimated value: $5,000-$20,000
  - Purchase Date: May 31, 2013
  - Purchase Price: $292,879
  - County Asset Tag: 00869

    - VIN: 1FVACWDU8DHFF5395
    - Title Number: 778901131683010

- 2000 HME Inc. Fire Truck (aka “Engine 12”)
    - 11,085 Hours
    - GovDeals estimated value: $7,000-$9,000
    - Purchase Date: October 1, 2000
    - Purchase Price: $247,620.00
    - County Asset Tag: 012071
    - VIN: 44KFT4286YWZ19211
    - Title Number: 777113003417010

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 218/2024

SUBJECT: Approve the award of IFB #042-44 Repaving Gould Lane Compactor Site for Public Works & Utilities to Ryals Brothers, LLC of Gainesville, GA, in the amount of $81,414.00.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: BN

Recommendation:
Approve.

Purpose of Request:
Approve the award of IFB #042-44 Repaving Gould Lane Compactor Site for Public Works & Utilities to Ryals Brothers, LLC of Gainesville, GA, in the amount of $81,414.00.

History:
Ryals Brothers, LLC is a contractor in good standing with the County.

Facts and Issues:
Ryals Brothers, LLC will remove and dispose of current driving surface pavement, and replace with new asphalt and painted directional arrows at the entrance and exit. Additionally, they will add two (2) new concrete pads to accommodate recycle bins, and they will replace one (1) existing concrete pad.

Options:

Funding Requested	$ 81,414.00
Are funds within current budget?	Yes
Source of Funds	Landfill Fund
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	

Approvals:

Submit	Approve	Purchasing	Budget
BN	BN	AY	EW
Finance	**Attorney**	**Administration**	**Clerk**
TS	WLI	CR	JR

Attachments:
Financial Supplement
Contract
Bid Tab

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 218/2024

Funds Requested: $ 81,414.00

Request Budgeted: Yes

Proposed Source of Funding:

Landfill Fund

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2024	540-SOLID WASTE FUND	4520-SOLID WASTE/DISPOSAL	541300-BUILDING AND IMPROVEMENTS	$81,414.00

Budget Transfer Items:

Additional Information/Comments:

Nate Smith 770-531-6851

Contact for Questions: BP

Phone: 7705358284

HALL COUNTY
GEORGIA
We have it all in Hall

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM DIRECTOR
Taylor Samples, CPA

Hall County Government
FINANCIAL SERVICES

CONTRACT EXECUTION SIGNATURE REQUEST

Date: April 24, 2024

To: Richard Higgins, Chairman Hall County Board of Commissioners

From: Andrew Youngblood

Your signature is requested to execute the attached Contract.

Bid/Contract No: #042-44

Contract Name: Repaving Gould Lane Compactor Site

Department(s) Requesting Contract: Public Works/Solid Waste

Award Recipient Name: Ryals Brothers, LLC

Contract Description:

☐	Annual Contract	☒ New ☐	Renewal
☐	Price Increase Requested	Percentage Increase: _____	
☐	Demand Service Contract	Previous Spend: _____	
☐	Commodity Contract	Requested Amount: _____	
☒	Project/ Service Contract	Requested Amount:	$81,414.00

Comments:

This contract is the award of IFB #042-44 Repaving Gould Lane Compactor Site to Ryals Brothers, LLC of Gainesville, GA who was the low bidder at $81,414.00.

CONTRACT EXECUTION SIGNATURE REQUEST
PRICE INCREASE DETAILS

Bid/Contract No: #042-44

Contract Name: Repaving Gould Lane Compactor Site

This is a new contract for a one-time service at Gould Lane Compactor Site.

HALL COUNTY
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We have it all in Hall

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GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

DIRECTOR
Wesley Geddings

Hall County Government
FINANCIAL SERVICES

EXHIBIT A - CONTRACT FOR SERVICES

STATE OF GEORGIA
COUNTY OF HALL

CONTRACT # 042-44

For the provision of

Repaving Gould Lane Compactor Site

ARTICLE #101 - INTRODUCTION

This Contract for providing labor and new materials to mill, repave, and stripe the Gould Lane Compactor Site (hereinafter "Services" or "Project") is made and as entered into as of 04/18/2024 (Execution Date) effective 04/18/2024 (Effective Date) is by and between Hall County, Georgia, Board of Commissioners, (hereinafter referred to as "County") located at 2875 Browns Bridge Rd, Gainesville, Georgia 30504, and Ryals Brothers, LLC, located at 5973 Main St. Lula, GA 30554 (Hereinafter "Contractor"). Contractor is an entity that is legally registered and qualified and holding any such licenses and certifications as may be required to render Services to do business in the State of Georgia. County and Contractor are known individually as a "Party" and collectively as the "Parties".

Nothing contained in this Contract shall be construed to convert the Contractor or any of its employees, agents, or subcontractors into a partner, employee, or agent of the County, nor shall either Party to this Contract have any authority to bind the other in any respect.

WHEREAS the Contractor represents that it complies with the State of Georgia requirements for corporations and has signified a willingness to provide Services to the County, and the County has relied on such representation; and

Whereas, the Parties mutually desire to enter into this Contract to document the provision of Services by the Contractor to the County in exchange for payment as compensation or other good and valuable consideration, and

Whereas, this contract will become legally binding and executed upon signature by both parties, and

Whereas, any attached documents, plans, exhibits, attachments, or references are all incorporated herein by reference,

NOW, THEREFORE and in consideration of the mutual promises, terms, conditions, covenants, and agreements made as expressed and contained herein, or attached and incorporated and made a part hereof, and other good and valuable consideration, expressed by a valid offer and acceptance, the receipt and sufficiency of which the parties hereby acknowledge, the Parties hereto agree as follows:

ARTICLE #102 – CONTRACT

A. The Contractor agrees to provide the Services to the County as detailed as the **Scope of Work.**
B. The Contractor shall provide supervision, labor, equipment, and materials necessary to perform Services.
C. All traffic control shall be in accordance with Manual on Uniform Traffic Control Devices (MUTCD), current edition, and GDOT standards.
D. All standard highway signs shall be fabricated and erected in accordance with details shown in the plans, the MUTCD, current edition, and the Georgia Specifications, Supplement Specifications, and/or provisions.
E. All work shall be performed in a such manner as to permit traffic to operate with the least amount of inconvenience possible. All traffic control devices, signs, striping, and flaggers shall be furnished by the Contractor. At least one lane of traffic will remain open at all times. Payment will be included in the lump sum price bid for traffic control.
F. All construction shall comply with the Georgia State Soil and Water Conservation Committee's "Manual for Erosion and Sedimentation Control in Georgia".
G. All sediment control features shall be maintained on a regular basis and shall be removed by the Contractor upon acceptance of the project by the owner. The Contractor shall adhere to the *Call Before You Dig Law* by calling the underground protection center before beginning construction. The Contractor shall be responsible for all underground utilities and shall coordinate work with utility companies.
H. Contractor shall be responsible for all work performed in support of this contract including subcontractor oversight. Subcontractors shall not perform work unless pre-approved in writing by the County.
I. Contractors must disclose any intended subcontractors within the bid at the time of bid submission and must disclose the percentage of the work to be completed by each subcontractor. The contractor shall not award more than twenty-five percent (25%) of the work to subcontractors on any project, without prior approval of County. If Bidder intends to use a subcontractor(s) to fulfill one (1) entire segment of this contract, then Bidder should submit to the County professional references for the subcontractor on jobs similar in size and scope. Once County has awarded the contract, the contractor cannot change subcontractors without seeking written pre-approval from County. County reserves the right to check all references and conduct background checks on any changes to subcontractors or workers performing work under this contract. Contractor shall be wholly responsible for the quality of their subcontractor's work.

ARTICLE #103 – NOTICES

To the extent that either party to this Contract is required to provide notice(s) to the other party in compliance herewith, then the party shall direct notice(s) to the following persons:

COUNTY PROJECT MANAGER
Bobby Purdum
Assistant Solid Waste Superintendent
Hall County Solid Waste Collection & Landfill Division
1700 Oakbrook Drive
Gainesville, GA 30507
rpurdum@hallcounty.org
Ph: (770) 531-6851

COUNTY ISSUING OFFICER
Andrew Youngblood
Purchasing Supervisor
Hall County Purchasing Division
2875 Browns Bridge Rd
Gainesville, GA 30504
andrew.youngblood@hallcounty.org
Ph: (770) 531-4940

CONTRACTOR'S CONTACT INFO
Name: Neil Wingo
Title: CM
Company: Ryals Brothers
Address: 5973 Main St.
City, State, ZIP: Lula, GA 30554
Email: harefor you@ryalsbros.com
Phone: 706-216-7390

REMIT-TO ADDRESS (if different)

ARTICLE #104 – NON-EXCLUSIVE RIGHTS
This Contract is not exclusive. The County reserves the right to select other Contractors to provide the Services similar to those described in this Contract during the term of the Contract should the need arise, or the Contractor fail to perform.

ARTICLE #105 – CONTRACT TERM
For multi-year contracts, the term will be for one (1) initial year followed by four (4) one-year renewal options. Renewals are not automatically renewed nor guaranteed.

For construction, renovations, and modernization projects, until substantial and final completion of Services on or before June 30, 2024, and after all subcontractor(s) and material suppliers' liens are satisfied.

ARTICLE #106 – CONTRACT AMENDMENTS AND MODIFICATION
This Contract may only be modified, amended, or changed in writing and fully executed by both parties hereto. This Contract document constitutes the sole and entire Contract and understanding between the parties as to the subject matter hereof, and no verbal promises have been made by either party in relation hereto.

ARTICLE #107 – REMEDIES AND CONTRACT PERFORMANCE
In the event that either party to this Contract breaches this Contract, including by failure to meet the timetables set forth herein, the non-breaching party shall provide written notice to the breaching party which describes the breach of this Contract. The party whose breach is alleged shall have thirty (30) days from the date of receipt of the written notice to cure the breach or to otherwise negotiate a resolution of the breach.

If the breach has not been cured and the parties hereto have not resolved the issue described in the Notice To Cure letter by thirty (30) days after receipt of the Notice To Cure letter, the party authoring the letter shall be entitled to seek any and all remedies allowed by Georgia law, including damages, equitable relief, declaratory relief, specific performance, and/or seeking relief as to any bonds issued hereon. Additional provisions are:

A. **Delay or Impossibility of Performance**. Any failure or delay must be beyond the control of and without the fault or negligence of the Contractor. If the Services to be provided to the County are interrupted by a force majeure event, as defined below, the County will be entitled to an equitable adjustment to the fees and other payments due to the Contractor under this Contract. If delay results from a subcontractor's negligent conduct or failure to perform, the Contractor shall not be excused from compliance with the terms and obligations of the Contract.
Neither party shall be held liable or responsible to the other party nor be deemed to have defaulted under or breached this Contract for failure or delay in fulfilling or performing any obligation under this Contract when such failure or delay is caused by or results

from causes beyond the reasonable control of the affected party, including but not limited to fire, floods, embargoes, acts of war, civil unrest, insurrections, riots, strikes, lockouts or other labor disturbances, or acts of God; provided, however, that the party so affected shall use reasonable commercial efforts to avoid or remove such causes of nonperformance, and shall continue performance hereunder with reasonable dispatch whenever such causes are removed. Either party shall provide the other party with prompt written notice of any delay or failure to perform that occurs by reason of force majeure.

Definition: The term "force majeure" as defined in Black's Law Dictionary, is "an event or effect that can be neither anticipated nor controlled. It is a contractual provision allocating the risk of loss if performance becomes impossible or impracticable, especially as a result of an event that the parties could not have anticipated or controlled."

B. **Obligations beyond Contract Term**. The Contract shall remain in full force and effect to the end of the specified term or until terminated or canceled pursuant to the Contract

C. **Transition Cooperation with the County and Cooperation with other Contractors**. Contractor agrees that upon termination of this Contract for any reason, it shall provide sufficient efforts and reasonable cooperation and assistance to the County to ensure an orderly and efficient transition to the County or an alternative Contractor. Further, in the event that the County has entered into or enters into contracts with other Contractors related to the Services, Contractor agrees to cooperate fully with such other Contractors. Contractor shall not engage in any act that will interfere with the performance of work by any other Contractor(s).

ARTICLE #108 – TERMINATION PROVISIONS

The County may terminate this Contract by providing sixty (60) days written notice to the other party at any time. Should County terminate this Contract prior to the date of automatic termination, Contractor shall provide the County with all deliverables up to the date of termination thirty (30) days after the Notice to Terminate is issued. The County shall pay the Contractor for all work properly performed in compliance with the terms of the Contract up to the date of termination.

A. **Termination for Convenience**. Following sixty (60) days written notice, the County may terminate the Contract in whole or in part for any reason without the payment of any penalty or incurring any further obligation to the Contractor.

B. **Termination for Cause**. The occurrence of any one or more of the following events shall constitute cause for the County to declare the Contractor in default of its obligations under the Contract:

1. The Contractor fails to deliver or has delivered nonconforming Services or fails to perform, to the County's satisfaction, any material requirement of the Contract or is in violation of a material provision of the Contract, including, but without limitation, the express warranties made by the Contractor.
2. The County determines that contractor's unsatisfactory performance substantially endangers completion or that default is likely to occur.
3. The Contractor fails to make substantial and timely progress toward performance of the Contract.
4. The Contractor becomes subject to any bankruptcy or insolvency proceeding under federal or state law to the extent allowed by applicable federal or state law including bankruptcy laws; the Contractor terminates or suspends its business; or the County reasonably believes that the Contractor has become insolvent or unable to pay its obligations as they accrue consistent with applicable federal or state law.

5. The Contractor has failed to comply with applicable federal, state, and local laws, rules, County ordinances, regulations and orders when performing within the scope of the Contract.
6. The Contractor has engaged in conduct that has or may expose the County or the State to liability, as determined in the County's sole discretion; or a material breach of the terms of the Contract by County upon County's failure to cure such material breach after written notice thereof has been delivered in accordance with *ARTICLE #108.C* below constitutes cause for the Contractor to declare that the County is in default of its obligations under the Contract.

C. Notice of Default. If either party causes one or more of the default events set out in this *ARTICLE*, then either party shall issue a written Notice of Default to the party that causes one or more of the default events, requesting that the breach or noncompliance be remedied within the period of time specified in the party's Notice of Default to the Contractor. If the breach or noncompliance is not remedied within the period specified in the written notice, the non-breaching party may:

1. Immediately terminate the Contract for default without additional written notice, and/or,
2. In the event of a breach by the Contractor, the County may procure substitute Services from another source and charge the difference between the Contract and the substitute Contract to the defaulting Contractor; and/or,
3. Enforce the terms and conditions of the Contract and seek any legal or equitable remedies.

D. Termination Due to Non-Availability of Funds. This Contract will terminate immediately and absolutely if the County determines that adequate funds are de-appropriated such that the County cannot fulfill its obligations under the Contract, such determination being at the County's sole discretion and conclusive. County agrees to provide prompt written notice to Contractor in the event of any de-appropriation.

E. Termination due to Failure of Contractor to Act. The County may terminate the Contract for any one or more of the following reasons effective immediately without advance notice:

1. In the event that the Contractor must be certified or licensed as a condition precedent to providing the Services, the revocation or loss of such license or certification may result in immediate termination of the Contract effective as of the date on which the license or certification is no longer in effect.
2. The County determines that the actions, or failure to act, of the Contractor, its agents, employees, or subcontractors have caused, or reasonably could cause, life, health, or safety to be jeopardized.
3. The Contractor furnished any statement, representation, or certification in connection with the Contract or the bidding process, which is materially false, deceptive, criminal activity, incorrect, or incomplete.
4. Failure of the Contractor to obtain, provide, maintain, and deliver the Performance and Payment Bonds as and when required under this Contract, or failure to comply with any requirement pertaining to the appropriate amounts thereof as set forth in ARTICLE #123 – PERFORMANCE AND PAYMENT BONDS.

F. Payment Limitation in the Event of Termination. In the event of termination of the Contract for any reason by County, the County shall pay only those amounts, if any, due and owing to the Contractor for Services actually received and accepted by the County up to and including the date of termination of the Contract and for which the County is obligated to pay pursuant to the Contract.

G. Contractor's Termination Duties. Upon receipt of notice of termination, the Contractor shall:

1. Cease work under the Contract and take all necessary or appropriate steps to limit disbursements and minimize costs and furnish a report within thirty (30) days of the date of notice of termination, describing the status of all work under the Contract, including, without limitation, results accomplished, conclusions resulting therefrom, and any other matters the County may require.
2. Immediately cease using and return to the County any personal property or materials, whether tangible or intangible, provided by the County to the Contractor.
3. Comply with the County's instructions for the timely transfer of any active files and work product produced by the Contractor under the Contract.
4. Cooperate in good faith with the County, its employees, agents, and Contractors during the transition period between the notification of termination and the substitution of any replacement Contractor; and
5. Contractor is to immediately return any payments made by the County for goods and services that were not delivered by the Contractor.

H. Liquidated Damages. In the event that the Contractor unreasonably delays completion of the project as per the term in *Article #105 – CONTRACT TERM*, or abandons the project before completion date of June 30, 2024, the Contractor shall pay the County liquidated damages of $175.00 per each calendar day starting July 1, 2024, until final completion, inspection, and approval by the County.

ARTICLE #109 – NO DEFENSE OR INDEMNIFICATION BY COUNTY

The parties agree that the County shall not be responsible for defending or indemnifying any Contractor from any claim brought by any third party against the Contractor.

ARTICLE #110 – ASSIGNMENT AND DELEGATION BY CONTRACTOR

The Contractor shall not assign or delegate this Contract, or any performance required by it, in whole or in part, without the prior express written consent of the County.

ARTICLE #111 – USE OF THIRD PARTIES (SUBCONTRACTORS)

This Contract is for the benefit of the parties hereto only and is not intended to benefit any third party or give rise to any duty or causes of action for any third party. All restrictions, obligations, and responsibilities of the Contractor under the Contract shall also apply to third parties, such as subcontractors, if allowed in writing by the County. Any Contract with a subcontractor must also preserve the rights of the County.

ARTICLE #112 – SEVERABILITY

If any paragraph, sub-paragraph, sentence, clause, phrase, or portion of this Contract is declared invalid or unconstitutional by any Court of competent jurisdiction, or if the provisions of any part of this Contract as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be construed to affect the remaining portions of this Contract not so held to be invalid or the application of this Contract to other circumstances not so held to be invalid.

ARTICLE #113 – RECORDS

A. Public Records Request. The Georgia Open Records Act, as provided in O.C.G.A. § 50-18-70 et seq, requires procurement records and all other records received by or prepared or maintained on behalf of the County, shall be made open to public inspection, unless otherwise provided by law.

B. Record Retention and Access. The Contractor shall maintain books, records, and documents in accordance with generally accepted accounting principles and procedures

and which sufficiently and properly document and calculate all charges billed to the County throughout the term of the Contract for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. Records to be maintained include both financial records and service records.

ARTICLE #114 – ADDITIONAL TERMS

A. The County shall not be bound by any terms and conditions included in any Contractor's literature, packaging, invoice, catalog, brochure, technical data sheet, on-line representation, warranties or service level agreements, or other document which attempts to impose any condition in variance with or in addition to the terms and conditions contained herein.

B. The County shall not be bound to any Terms and Conditions of the Contractor that are only accessible by hyperlink. All Terms and Conditions must be in print and approved by the County.

ARTICLE #115 – WAIVER

The failure of any party hereto to seek a remedy for any alleged breach of this Contract shall not constitute a waiver of any claim, cause of action, or remedy allowed by Georgia law for breach thereof.

ARTICLE # 116 - CONTRACTOR AND COUNTY RIGHTS AND OBLIGATIONS

A. The County has the right at any time to require the Contractor to put an immediate stop to any procedure, or the use of any equipment (chemical, material, etc., if applicable) considered by the County to be hazardous or toxic to persons, buildings, or surfaces. The Contractor will utilize acceptable substitutes as quickly as possible. In the event of such replacement, Contractor shall (i) notify the County of any resulting replacement, (ii) introduce the individual serving as the replacement to County, and (iii) provide County with a résumé and any other information regarding the individual that may be reasonably requested by County.

B. The County has the right to require the Contractor to reassign or remove any employee or subcontractor's employee from the premises temporarily or permanently when, in the County's sole opinion, the employee is unsuitable. The County's decision on this matter shall be final, and Contractor will remove this employee immediately and replace with a person of at least equivalent training, experience, and requisite qualifications as quickly as possible, subject to the County's prior approval.

C. Contractor agrees to obtain prior written approval from the County for the use of subcontractors to provide the Services described in *SCOPE OF SERVICES* prior to subcontractor's performance of work.

ARTICLE #117 – INSURANCE REQUIREMENT

Insurance Requirements. All sureties must be licensed to do business in the State of Georgia with a minimum rating of AM Best A-, financial size seven (7). The Contractor must maintain and warrant to the County insurance policies at the Contractor's own expense and must furnish the County with a Certificate of Insurance (COI) providing evidence of proof of coverage at least in the amounts indicated in this subsection. The insurance certificate must list Hall County, Georgia, as the certificate holder and as an additional insured under the commercial general, automobile and umbrella liability policies as follows: "Hall County Government, its Board of Commissioners, its officers, employees, and agents, 2875 Browns Bridge Rd, Gainesville, GA 30504".

The policy must protect the Contractor and the County (as a Certificate Holder and Additional Insured) from any claims for bodily injury, property damage, or personal injury covered by the indemnification obligations set forth herein throughout the duration of the Contract and as required for claims made policies.

The Contractor must maintain the following insurance coverage during the term of the Contract, in at least the minimum amounts set forth below, to cover all loss and liability for damages on account of bodily injury, including death therefrom, and injury to or destruction of property caused by or arising from any and all services carried on and any and all work performed by the Contractor pursuant to this Contract:

Workers Compensation Insurance (Occurrence) in the amounts of the statutory limits established by the General Assembly of the State of Georgia (A self-insurer must submit a certificate from the Georgia Board of Workers Compensation stating that the Contractor qualifies to pay its own workers compensation claims.). In addition, the Contractor must require all subcontractors occupying the premises or performing work under the Contract to obtain an insurance certificate showing proof of Workers Compensation Coverage with the following minimum coverage:

Workers Compensation Insurance: Required for all contracts.

- $500,000 Bodily Injury by Accident – Each Accident
- $500,000 Bodily Injury by Disease – Each Disease
- $500,000 Bodily Injury by Disease – Each Employee

Additional Provisions:

Waiver of Subrogation – The insurer agrees to waive all rights of subrogation against Hall County Board of Commissioners (BOC), its elected or appointed officers, officials, agents, authorized volunteers, and employees for losses paid under the terms of this policy which arise from work performed by the named insured for Hall County BOC; but, this provision applies regardless of whether or not Hall County BOC has received a waiver of subrogation from the insurer.

General Liability Insurance: Required for all contracts.

- $2,000,000 General Aggregate
- $2,000,000 Products & Completed Operations Aggregate
- $1,000,000 Each Occurrence
- $1,000,000 Personal & Advertising Injury
- $500,000 Damages to Premises/Fire/Legal
- $5,000 Medical Payments

Commercial Auto Liability Insurance: Required for all contracts, except for Goods and/or Services that are remote in nature and/or are delivered by a professional delivery service.

- $1,000,000 Combined Single Limit, or
- $500,000 per Person/$1,000,000 per Occurrence
- $100,000 Property Damage
- $1,000 for Medical Payments (no fault coverage)

Additional Provisions:

- Uninsured motorist's coverage should be equal to the per occurrence limit except for contracts with other governmental entities.
- Coverage shall be included for any owned, leased, hired, or non-owned autos.
- For any contracts involving the transportation of hazardous materials, limited pollution endorsement ISO form CA9948 or its equivalent shall be on the policy.

Umbrella Liability Insurance: Required for all contracts.
$1,000,000 per Occurrence

Additional Provisions: Required for all contracts.
Underlying coverage shall be General Liability, Automobile Liability, and Employers Liability (Workers Compensation)

- Minimum limit of $5,000,000 per occurrence for all contracts over $1,000,000 or involving any special risks or high hazard activities
- Minimum limit of $5,000,000 for automobile coverage for any transportation contracts involving seniors, special education, transit services, students, or youths.
- Concurrent policy dates with primary liability policies except for workers compensation

Terrorism & Sabotage: Required for specific utilities contracts and select special events.

- All contracts involving access or use of any water, gas, electric utilities shall require third parties to have TRIA and third party liability limits of at least $5,000,000.
- All special events that are highly visible, politically sensitive, or have more than 1,000 attendees should require at least $1,000,000 of terrorism liability for any event sponsors.

Builders Risk: *Not required but recommended* for most construction projects.

- With any construction project, Hall County should consider purchasing Builders Risk Coverage on a direct basis or have the Contractor provide the coverage for projects under $5,000,000 in value.
- For projects over $5,000,000 in value, Hall County Board of Commissioners should require Builders Risk Coverage on a direct basis to ensure coverage consistency and additional protections are made for Hall County Board of Commissioners.

ARTICLE #118 – COUNTY PAYMENT TO CONTRACTOR

A. The County will issue a Notice to Proceed (NTP) to the Contractor and a Purchase Order(s) ("PO"). The terms of this Contract shall be incorporated by reference into any and all PO(s) issued prior to the expiration or termination of this Contract. The County will issue the PO by electronic mail (e-mail) to the Contractor's representative in *ARTICLE #103 – NOTICES*. A PO is considered "issued" when the e-mail containing the PO is sent by the County to the Contractor.

The Contractor shall not deliver any Services, equipment, devices, or components thereof until authorized in writing by the County through issuance of a PO, which shall provide a commencement Notice to Proceed date. Any work, including but not limited to travel, preliminary meetings, planning, etc., performed outside of the terms and conditions of and before the issuance of the PO will not be considered for payment. Contractors are not to begin work or ship any product on any verbal communication from within the County. The County will not be liable for payment for any work or product with the issuance of a verbal communication.

The Scope of Work shall remain in effect from the Notice to Proceed to completion of the project. The Parties agree that the County will not pay or otherwise compensate the Contractor for any Services, materials, equipment, devices, or components thereof outside of the Scope of Work and/or beyond the term of this Contract, unless specifically authorized in writing as evidenced by an amendment pursuant to *ARTICLE #106 – CONTRACT AMENDMENTS AND MODIFICATION*, a time extension letter, or as otherwise authorized by the County.

B. **Invoice/Payment.**

1. Contractor shall invoice the County via email each month solely to accountspayable@hallcounty.org and only after the County inspects and accepts the Services provided. Receipt of the Services does not constitute acceptance. Invoice amounts shall not exceed the Contractor's pricing set forth in *Exhibit C – Cost Proposal.*
2. Each invoice shall include the Contractor's current "Remit to" address; a description of the Services provided; the invoice amount; the Contract number; and the associated PO number issued. Each properly prepared invoice must be sent in accordance with the instructions listed on the PO. Standard payment terms are net 30 days (N30) in arrears from the date the invoice is accepted, following delivery of the Services.
3. The County does not pay for services not yet received but only in arrears.
4. The Contractor shall be solely responsible for paying all costs, expenses, and charges it incurs in connection with its performance under the Contract.

C. **Unsatisfactory Performance; Delay of Payment.**

1. If the County determines that the quality of the Services provided are deficient, unacceptable, or unsatisfactory, the County's Project Manager identified in *ARTICLE #103 – NOTICES* shall issue a written Notice to Cure to the Contractor. Contractor agrees that upon receipt of the written Notice to Cure, it shall make every effort to correct the deficiency(ies) within the timeframe prescribed therein. If the Contractor fails to timely correct the deficiencies, the County reserves the right to delay or deny payment pursuant to this *ARTICLE* or terminate the Contract pursuant to *ARTICLE #108 – TERMINATION PROVISIONS*.
2. **Delay of Payment Due to Contractor's Failure.** If the County determines that the Contractor has failed to perform or deliver any Services as required by the Contract, the Contractor shall not be entitled to any compensation under the Contract until such Services are delivered and accepted. In this event, the County may withhold that portion of the Contractor's compensation, which represents payment for Services that were not delivered. To the extent that the Contractor's failure to perform or deliver in a timely manner causes the County to incur costs, the County may deduct the amount of such incurred costs as liquidated damages from any amounts payable to Contractor. The County's authority to deduct such incurred costs shall not in any way affect the County's authority to terminate the Contract.

D. **Set-Off Against Sums Owed by the Contractor**. In the event that the Contractor owes the County any sum under the terms of the Contract, pursuant to any judgment, or pursuant to any law, the County may set off the sum owed by the Contractor against any sum owed to the Contractor, in the County's sole discretion.

E. **Final Payment.** Contractor shall issue an invoice for final payment to the County no later than thirty (30) days following the expiration or termination date of the Contract.

F. The Contractor must not "Factor or Assign Payments" to another or a financial institution. The County will only pay the party to whom it is contracted with. The County will not under any circumstances pay a third party.

ARTICLE #119 – PERFORMANCE AND PAYMENT BONDS

The Contractor must furnish to the County both a Performance and Payment Bond, both equal to one hundred percent (100%) of the Contract's total initial award dollar amount. The County will only issue a Notice to Proceed after the bonds are received. Only surety companies licensed to do business in the State of Georgia are acceptable. The Contractor is required to provide new bonds at the issuance of each renewal option term(s) or extension(s) that follow.

The Contractor must provide all required bonding instruments to the County prior to commencement of any work. The County will consider any work done prior to the receipt of bonding instruments as null-and-void and thus not eligible for compensation.

ARTICLE #120 – RETAINAGE

The County will retain funds to be withheld from compensation in compliance with Georgia law. Hall County may hold up to five percent (5%) retainage throughout the entire project and will release said retainage at the point of completion and final acceptance by the County.

ARTICLE #121 – VENUE AND GOVERNING LAW

The parties agree that this Contract shall be interpreted, construed, and enforced in accordance with the laws of the State of Georgia. To the extent that either party may bring a legal suit to enforce the terms of this Contract, including suit in equity, the parties agree and consent to file any such suit in the Superior Court of Hall County, Georgia.

ARTICLE #122 – NOTICE OF INTENT TO LITIGATE

Contractor hereby agrees not to file any civil action of disputes or claims relating to the Contract except after first giving thirty days (30) written notice to the County of the claim and the intent to initiate a civil action.

ARTICLE #123 – GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT (E-Verify)

A. By signing this Contract, the Contractor certifies that prior to and throughout the performance of all applicable work under this Contract, it will remain in full compliance with all federal and state immigration laws, including but not limited to 8 U.S.C. § 1324a and the Georgia Security and Immigration Compliance Act (O.C.G.A. §13-10-90 et seq.), as amended by the Illegal Immigration Reform and Enforcement Act of 2011, regarding the verification of employment eligibility of employees under the Immigration Reform and Control Act of 1986. Contractor will ensure that only persons who are citizens or nationals of the United States or non-citizens authorized under federal immigration laws are employed to perform services under this Contract or any subcontract or sub-subcontract hereunder.

B. Contractor further certifies its compliance with the aforementioned federal and state immigration laws set forth by signing a sworn affidavit, the Georgia Security and Immigration Compliance Act Affidavit, notarized by an Official Notary Public, and obtaining the same affidavits from any subcontractor providing services pursuant to this Contract.

ARTICLE #124 – ORDER OF PRECEDENCE

In the event of any inconsistency, ambiguity, or conflict among the specific provisions of the Contract and the Contractor's Response, the order of precedence shall be as follows:

1. Any amendments to the Contract, including all Exhibits thereto.
2. The Contract itself, including all Exhibits thereto.
3. Attachments appended to the Contract.
4. All other Contract Attachments appended to the contract.

ARTICLE #125 – CONTRACT EXHIBITS AND ATTACHMENTS

The Parties mutually acknowledge that all exhibits and attachments are made a part of this Contract, as though expressly written in the IFB documents and the Bidder's response, are herein incorporated into this contract by reference.

ARTICLE #126 – ENTIRE CONTRACT

This Contract, as executed and approved, shall constitute the entire agreement between the Parties and supersedes all other prior and contemporaneous statements, agreements, and understandings between the Parties. No written or oral statements, agreements, or understandings that are not set out, referenced, or specifically incorporated in this Contract shall in any way be binding or of effect between the Parties.

ARTICLE #127 – SALES TAX EXEMPTION STATUS

The County is exempt from Federal Excise Taxes and from Georgia State and Local Sales and Use Taxes on the Services. The Contractor may request a copy of the County's Georgia Sales and Use Tax Exemption Certificate.

ARTICLE #128 – HOLD HARMLESS AGREEMENT

The successful respondent hereby agrees to indemnify and hold free and harmless Hall County Government, its Commissioners, agents, servants, employees, officers, directors and elected officials, or any other person(s) against any loss or expense. This includes attorney fees, because of any liability imposed by law upon the County, except in cases of the County's sole negligence, sustained by any person(s) on account of bodily injury or property damage arising out of or in the consequence of this agreement.

ARTICLE #129 – NOT A JOINT VENTURE

The Department shall not be bound by any terms and conditions included in any Contractor packaging, invoice, catalog, brochure, technical data sheet, on-line representation, warranties or service level agreement, or other document which attempts to impose any condition in variance with or in the addition to the terms and conditions contained herein.

ARTICLE #130 – CONTRACT TERMS AND CONDITIONS

1. All purchases must comply with the Official Code of Hall County Sections 3.10.010 – 3.10.190.
2. If any conflict or ambiguity arises between the Terms and Conditions herein, and the Official Code of Hall County, the latter will govern.
3. The Terms and Conditions set forth herein shall supersede and govern over all Contractor's Terms and Conditions or Service Level Agreements.
4. The County retains the right to "red line" sections of the Supplier's Terms and Conditions if such are in conflict with the best interest of the County.

5. Acceptance of a PO and delivery of Goods or Services serves as the Supplier's full and complete acceptance of the County's Terms and Conditions.
6. The terms "supplier", "vendor", "bidder", "offeror", "Contractor", "designer", "distributor", "dealer" or "manufacturer" or otherwise purveyor or source of supply or performance of service, shall all mean one and the same; herein denoted as "Supplier" for goods and "Contractor" for services.
7. Furthermore, the terms "goods", "materials", "commodities", "components", "drawings", "drafts", "renderings", "plans", physical or digital software, SaaS, capital asset equipment, vehicles, heavy earth-moving or other equipment whether purchased or leased, or other such deliverables are herein denoted as "Goods" and shall mean one and the same.
8. "Services" shall mean all services, either financial, advisory, consultative, labor, staff augmentation, construction, rehabilitation, restoration, repair, support or maintenance, communication, telephony, internet, TV or streaming, pest control, grounds maintenance, custodial and janitorial, street or paved surface cleaning, drain cleaning, or otherwise where services are offered for consideration.
9. The Supplier shall transfer and deliver all goods or services described on POs for the consideration set forth herein.
10. The Supplier shall only deliver goods and services as described on the PO within the Scope of Work and the Supplier's bid response.
11. The County holds no obligation to pay for goods delivered or services rendered unless specified on a written PO or a Change Order of such.
12. The Supplier shall not construe any verbal consent to purchase goods or services as valid.
13. The County does not accept substitutions of services or goods that do not comply with the Scope of Work or specifications set forth in the PO, Contract, or Agreement unless mutually agreed in writing by both parties.
14. The County does not accept automatic contract renewals, except for monthly subscription services.
15. The County does not pay deposits towards services or goods ordered. Exceptions exist for custom made items such as window coverings and treatments, floor coverings, fabrication, decoration, or otherwise custom designed specifically for the County. Any deposit requested by a Supplier will be evaluated on a case-by-case basis.
16. The County will accept backorders only if goods are out of stock and with prior written notice. Suppliers shall ship all quantities that it has in stock and hold orders for backorders.
17. The County participates in cooperative purchasing agreements, State of Georgia statewide contracts, and other state and local Intergovernmental Agreements, Memorandums of Understanding, and other such agreements.
18. In all cases, the jurisdiction shall be the State of Georgia, County of Hall, for arbitration or other legalities.
19. Deliveries go to the ship-to addresses listed on the PO and within the time specified. The Supplier must follow instructions if multiple ship-to address exist on the PO.
20. The risk of loss of goods shall pass to the County upon completion and final acceptance of the project delivery. Receipt of goods or services does not constitute acceptance.
21. Title to the goods shall remain with the Supplier until acceptance by the County.
22. The Supplier warrants that the goods are merchantable, and that the Supplier has a legal right to deliver the goods and services and as described herein.
23. The County shall have the right to inspect all goods or services at the time and place of delivery.
24. Vendor agrees not to assign in full or part of the Contract to another party without the County's express written consent. Any attempted assignment or delegation shall void and make ineffectual for all purposes unless made in conformity with this paragraph.

25. This issuance of a PO shall not violate the Code of Ethics and Conflicts of Interest for Public Officers and Employees for Government Service set forth in the 2020 Section 45-1020 *et seq.* of the Official Code of Georgia Annotated and the Official Code of Hall County Section 3.10.070 governing Ethics.
26. All goods and services supplied pursuant to a PO shall, unless otherwise noted, conform exactly to all of the descriptions, specifications, exhibits, and attachments contained in the bid solicitation upon which a PO is based and all the terms, conditions, and specifications of the bid solicitation are incorporated herein by reference and made a part hereof.
27. Any and all media production, recordings, videos, photography, artwork, plates, engravings, and other printed or digital media materials paid for in full by the County are considered County property and shall be delivered to the County upon request.
28. Invoices submitted to the County will reflect the language of the PO with the PO Number printed on each invoice submitted.
29. In the event that a PO has an attached Contract or Agreement, the terms and conditions of the latter shall govern in the event of any conflict with these terms and conditions.
30. The Supplier may be suspended, terminated, or debarred if it is determined that the Supplier has made false certification(s) or has violated such certification(s) by failure to carry out the requirements herein.
31. The Supplier certifies that it and its subcontractors have not been debarred, suspended, or declared ineligible by any agency of the County, State of Georgia, or as defined in the Federal Acquisition Regulation (FAR) 48 C.F.R. Ch. 1 Subpart 9.4.
32. The Supplier certifies that the Supplier is not currently engaged in an active or pending lawsuit or other grievance, injunction, or levy against the County.
33. Goods are Free-On-Board (F.O.B.) destination and freight. Shipping and delivery shall be pre-paid and added to the invoice as a separate line item.
34. The County does not pay late fees or interest charges.
35. The Supplier shall charge the County the exact amount of freight, delivery, handling, and insurance charges.
36. The County is not bound to any minimum or maximum quantity or dollar amount set by the Supplier.
37. In the event there is a discrepancy between the unit price and extended price, the unit price shall govern.

IN WITNESS WHEREOF, said Parties have hereunto affixed their signature and seal on the day, month, and year below. Bidder must print the full legal company name as it appears on their W-9 form below:

Print Company's Full Legal Name Below:

Ryals Brothers LLC

By: _____

Print Name: Jarrad Ryals

Title: Director of Client Relations

Sworn to and subscribed before me this

18 Day of April, 2024

Notary Public: _____

Notary commission expires: 10-13-2027

[Locus Sigilli – Seal or Stamp]

CHRISTOPHER SHANNON LADD NOTARY PUBLIC HALL COUNTY, GA OCTOBER 13 2027

HALL COUNTY, GEORGIA

By: _____
Richard Higgins, Chairman
Hall County Board of Commissioners

Date: _____

Attestment: _____
Board of Commissioners Clerk

Approved as to Form:

APPROVED AS TO FORM

_____
Nathaniel R. Anderson,
Senior Assistant County Attorney

IFB #:	042-44 Repaving Gould Lane Compactor Site	Ryals Brothers, LLC	Allied Paving Contractors, Inc	Multiplex, LLC	Southern Wall Systems, LLC	Sol Construction, LLC	Bartow Paving, Inc.
		Gainesville, GA	Pendergrass, GA	Duluth, GA	Suwanee, GA	Atlanta, GA	Cartersville, GA
ITEM NO.	ITEM DESCRIPTION	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
1	Lump Sum	$81,414.00	$99,600.00	$143,000.00	$223,658.00	NO BID	NO BID

Total number of bids sent: 75

Number of bids sent to Hall County contractors: 14

Number of bids received: 6

Number of Hall County bids received: 1

Number of "No Bids": 2

HALL COUNTY
GEORGIA We have it all in Hall

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 196/2024

SUBJECT: Approve the award of IFB #016-45 Roll-Off Solid Waste and Recycling Hauling Services for Public Works & Utilities to Blue Level Services, LLC of Clarkesville, GA, in the amount of $812,323.72.

Meetings:

Work Session Date: 05/06/24

Voting Meeting Date: 05/08/24

Executive Summary:

Presenter: BN

Recommendation:
Approve.

Purpose of Request:

Approve the award of IFB #016-45 Roll-Off Solid Waste and Recycling Hauling Services for Public Works & Utilities to Blue Level Services, LLC of Clarkesville, GA, in the amount of $812,323.72.

History:
This is the initial annual contract for this hauling service within the Solid Waste division. Currently, this division is utilizing Waste Pro of GA, Inc for a six-month contract that was approved in December until this service could be fully bid out for FY 2025.

Facts and Issues:
We received nine (9) bid submissions. Most companies are not in the regular business of providing Roll-Off Solid-Waste and Recycling Hauling Services or are otherwise non-responsive in their bid response. Blue Level Services, LLC is the lowest cost bidder.

Options:

Funding Requested	$ 812,323.72
Are funds within current budget?	Yes
Source of Funds	Solid Waste
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-04-08

Approvals:

Buyer	Submit	Approve	Purchasing
AY	BN	BN	AP
Budget	**Finance**	**Attorney**	**Administration**
EW	TS	WLI	CR
Clerk			
JR			

Attachments:
Financial Supplement
CONTRACT
Bid Tabulation Summary

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 196/2024

Funds Requested: $ 812,323.72

Request Budgeted: Yes

Proposed Source of Funding:

Solid Waste

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2025	540-SOLID WASTE FUND	4520-SOLID WASTE/DISPOSAL	521000-PROFESSIONAL SERVICES	$812,323.72

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: BN

Phone: (678) 780-6843

Hall County Government
FINANCIAL SERVICES

HALL COUNTY
GEORGIA

CONTRACT EXECUTION SIGNATURE REQUEST

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM DIRECTOR
Taylor Samples, CPA

Date: April 29, 2024

To: Richard Higgins, Chairman, Hall County Board of Commission

From: Andy Penick

Your signature is requested to execute the attached Contract.

Bid/Contract No: # 016-45

Contract Name: Roll-Off Solid-Waste and Recycling Hauling Services

Department(s) Requesting Contract: Public Works

Award Recipient Name: **Blue Level Services, LLC**

Contract Description:

☐	Annual Contract	☒	New	☐	Renewal
☐	Price Increase Requested		Percentage Increase:		N/A
☐	Demand Service Contract		Previous Spend:		N/A
☒	Service Contract		Requested Amount:		$812,323.72

Comments:

Requested amount is for the initial year term. This contract has four (4) possible renewal options.

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM DIRECTOR
Taylor Samples, CPA

Hall County Government
FINANCIAL SERVICES

STATE OF GEORGIA
COUNTY OF HALL

CONTRACT # 016-45

For the provision of

Roll-Off Solid-Waste and Recycling Hauling Services

ARTICLE #101 - INTRODUCTION

This Contract for Roll-Off Solid-Waste and Recycling Hauling Services (herein "Services") is made and as entered into as of _____ (Execution Date) and July 1, 2024 (Effective Date) is by-and-between Hall County, Georgia, Board of Commissioners, (hereinafter referred to as "County") located at 2875 Browns Bridge Rd, Gainesville, Georgia 30504, and Blue Level Services, LLC, located at 172 Professional Park Dr. Clarkesville, GA (Hereinafter "Contractor"). Contractor is an entity that is legally registered and qualified and holding any such licenses and certifications as may be required to render Services to do business in the State of Georgia. County and Contractor are known individually as a "Party" and collectively as the "Parties".

Nothing contained in this Contract shall be construed to convert the Contractor or any of its employees, agents, subcontractors, or sub-subcontractors into a partner, employee, or agent of the County, nor shall either Party to this Contract have any authority to bind the other in any respect.

WHEREAS the Contractor represents that it complies with the State of Georgia requirements for corporations and has signified a willingness to provide Services to the County and the County has relied on such representation; and

Whereas, the Parties do mutually desire to enter into this Contract to document the provision of Services or other good and valuable consideration by the Contractor to the County in exchange for payment as compensation, and

Whereas, this contract will become legally binding and executed upon signature by both parties, and

Whereas, any attached Documents, Plans, Exhibits, Attachments, or references are all incorporated herein by reference, and

NOW, THEREFORE and in consideration of the mutual promises, terms, conditions, covenants and agreements made as expressed and contained herein, or attached and incorporated and made a part hereof, and other good and valuable consideration, expressed by a valid offer and acceptance, the receipt and sufficiency of which the parties hereby acknowledge, the Parties hereto agree as follows:

ARTICLE #102 – CONTRACT

A. Contractor agrees to provide all supervision, labor, equipment, and materials, necessary to perform the services as detailed as the Scope of Work.

B. The Scope of Work includes twelve (12) solid-waste and recycling sites, the County Landfill and one (1) Recycling Center as named below for the hauling schedules listed on Attachment 1 - Roll-Off Solid-Waste and Recycling Hauling Schedules and for locations shown on Attachment 2 – Roll-Off Solid-Waste and Recycling Compactors Map.

1.1 All compactor sites that operate seven (7) days a week, three-hundred, sixty-four (364) days a week. The compactor sites are only closed Christmas Day. Solid-Waste Roll-Off Containers (some are self-contained) are delivered to the Candler Road Landfill located at 1700 Oakbrook Dr, Gainesville, GA 30507 seven (7) days a week and recycling waste is delivered to the Hall County Recycling Center located at 1008 Chestnut St SE, Gainesville, GA 30501 six (6) days a week. The hours of operations at the Compactor Sites are Monday – Saturday 7:30 a.m. to 6:30 p.m., and Sunday from 11:00 a.m. to 6:00 p.m.

1.2 The contractor shall supervise and direct the work professionally and provide all daily and continuous attention necessary for such proper supervision and direction.

1.3 Sundays and all Holidays, except Christmas Day, are mandatory scheduled times.

1.4 The Contractor will work with the Solid Waste/Scale House staff to establish and maintain consistent and predictable pick-up schedules. Contractor may work with County Solid-Waste staff for more flexible Holiday schedules.

1.5 County staff will be responsible for any after-hours issues; such as cans filling up after hours that need to be hauled.

1.6 Contractor will be required to work additional hours and do more frequent hauls during "peak seasons" (i.e. days following Christmas and other Holidays).

1.7 Contractor will not be responsible for tipping fees from Hall County compactor locations. This fee will be waived for those sites and charged to the Hall County Solid Waste account.

1.8 Contractor must clean the sites when picking up containers under and around the cans.

1.9 Contractor must communicate any drain issues at the sites so that the Solid Waste Department can address these issues.

1.10 Contractor must also communicate any issues with the compactor unit/compactor cans/single-stream unit so that the mechanics with the solid waste department can address these issues.

1.11 Contractor must comply with all rules and regulations at all Hall County locations and follow directions of each site attendant.

1.12 Hall County Solid Waste will provide all trash and single-stream containers.

1.13 Contractor must adhere to our daily route/schedule for pick up that is established by the Hall County Solid Waste Department.

1.14 Contractor will be responsible for any damages caused by Contractor to Hall County equipment and/or property at pickup and drop-off locations including compactors, open top, and receivers.

1.15 Contractor will be responsible for damages to Hall County if drop-off locations are not serviced.

1.16 Hall County Solid Waste will be responsible for the maintenance of receivers and compactors at pickup locations.

1.17 Contractor supervisory contact must communicate with the Solid Waste Superintendent if schedules need adjusting. Contractor must not change schedules without prior authorization.

1.18 All compactors and receivers are Hall County Property.

B. County hereby agrees as good and valuable compensation as provided in the attached Bidder's response on Exhibit C – Mandatory Cost Proposal Worksheet

ARTICLE #103 - NOTICES:

To the extent that either party to this Contract are required to provide notice(s) to the other party in compliance herewith, then the party shall direct notice(s) to the following persons:

COUNTY PROJECT MANAGER
Bobby Purdum
Assistant Solid Waste Superintendent
Hall County Community Development and Infrastructure
Ph: (770) 535.8284
Mobile: (770) 519.6267
Email: rpurdum@hallcounty.org
1008 Chestnut St SE
Gainesville, GA 30501

COUNTY ISSUING OFFICER
Andy Penick
Purchasing Manager
Hall County Purchasing Division
2875 Browns Bridge Rd
Gainesville, GA 30504
Ph: (770) 531-4939
Email: apenick@hallcounty.org

CONTRACTOR'S CONTACT INFO
Name: Ryan Tyree
Title: Owner
Company: Blue Level Services
Address 1: Po Box 13222
Address 2: Clarkesville GA 30523
Email: ryan@bluelevelservices.com
Phone: 706. 878. 9774

REMIT-TO ADDRESS (if different).

ARTICLE #104 – NON-EXCLUSIVE RIGHTS:

The Contract is not exclusive. The County reserves the right to select other Contractors to provide the Services similar to those described in this Contract, during the term of the Contract should the need arise or the contractor fail to perform.

ARTICLE #105 – CONTRACT TERM:

The term will be for one (1) initial year followed by four (4) one-year renewal options. Renewals are not automatically renewed nor guaranteed.

ARTICLE #106 - CONTRACT AMENDMENTS AND MODIFICATION:

This Contract may only be modified, amended, or changed, in writing and fully executed by both parties hereto. This Contract document constitutes the sole and entire Contract

and understanding between the parties as to the subject matter hereof, and no verbal promises have been made by either party in relation hereto.

ARTICLE # 107 – REMEDIES AND CONTRACT PERFORMANCE:

In the event that either party to this Contract breaches this Contract, including by failure to meet the timetables set forth herein, the non-breaching party shall provide written notice to the breaching party which describes the breach of this Contract. The party whose breach is alleged shall have thirty (30) days from the date of receipt of the written notice to cure the breach or to otherwise negotiate a resolution of the breach.

If the breach has not been cured and the parties hereto have not resolved the issue described in the notice letter by thirty (30) days after receipt of the notice letter, the party authoring the letter shall be entitled to seek any and all remedies allowed by Georgia law, including damages, equitable relief, declaratory relief, specific performance, and/or seeking relief as to any bonds issued hereon. Additional provisions are;

A. **Delay or Impossibility of Performance**. Any failure or delay must be beyond the control of and without the fault or negligence of the Contractor. If the Services to be provided to the County are interrupted by a Force Majeure Event, as defined below, the County will be entitled to an equitable adjustment to the fees and other payments due to the Contractor under this Contract. If delay results from a subcontractor's negligent conduct or failure to perform, the Contractor shall not be excused from compliance with the terms and obligations of the Contract.

   Neither party shall be held liable or responsible to the other party nor be deemed to have defaulted under or breached this Agreement for failure or delay in fulfilling or performing any obligation under this Agreement when such failure or delay is caused by or results from causes beyond the reasonable control of the affected party, including but not limited to fire, floods, embargoes, acts of war, civil unrest, insurrections, riots, strikes, lockouts or other labor disturbances, or acts of God; provided, however, that the party so affected shall use reasonable commercial efforts to avoid or remove such causes of nonperformance, and shall continue performance hereunder with reasonable dispatch whenever such causes are removed. Either party shall provide the other party with prompt written notice of any delay or failure to perform that occurs by reason of Force Majeure.

   Definition: The term 'force majeure' as defined in Black's Law Dictionary, is 'an event or effect that can be neither anticipated nor controlled. It is a contractual provision allocating the risk of loss if performance becomes impossible or impracticable, especially as a result of an event that the parties could not have anticipated or controlled."

B. **Obligations beyond Contract Term.** The Contract shall remain in full force and effect to the end of the specified term or until terminated or canceled pursuant to the Contract.

C. **Transition Cooperation with the County and Cooperation with other Contractors.** Contractor agrees that upon termination of this Contract for any reason, it shall provide sufficient efforts and reasonable cooperation and assistance to the County to ensure an orderly and efficient transition to the County or an alternative Contractor. Further, in the event that the County has entered into or enters into contracts with other Contractors related to the Services, Contractor agrees to cooperate fully with such other Contractors. Contractor shall not engage in any act that will interfere with the performance of work by any other Contractor(s).

ARTICLE # 108 – TERMINATION PROVISIONS:

The County may terminate this Contract by providing sixty (60) days written notice to the other party at any time. Should County terminate this Contract prior to the date of automatic termination, Contractor shall provide the County with all deliverables up to the date of termination thirty (30) days after the Notice to Terminate is issued. The County shall pay the Contractor for all work properly performed in compliance with the terms of the Contract up to the date of termination.

A. **Termination for Convenience.** Following sixty (60) days written notice, the County may terminate the Contract in whole or in part for any reason without the payment of any penalty or incurring any further obligation to the Contractor.

B. **Termination for Cause.** The occurrence of any one or more of the following events shall constitute cause for the County to declare the Contractor in default of its obligations under the Contract:

1. The Contractor fails to deliver or has delivered nonconforming Services or fails to perform, to the County's satisfaction, any material requirement of the Contract or is in violation of a material provision of the Contract, including, but without limitation, the express warranties made by the Contractor.
2. The County determines that contractor's unsatisfactory performance substantially endangers completion or that default is likely to occur.
3. The Contractor fails to make substantial and timely progress toward performance of the Contract.
4. The Contractor becomes subject to any bankruptcy or insolvency proceeding under federal or state law to the extent allowed by applicable federal or state law including bankruptcy laws; the Contractor terminates or suspends its business; or the County reasonably believes that the Contractor has become insolvent or unable to pay its obligations as they accrue consistent with applicable federal or state law.

5. The Contractor has failed to comply with applicable federal, state and local laws, rules, County ordinances, regulations and orders when performing within the scope of the Contract.
6. The Contractor has engaged in conduct that has or may expose the County or the State to liability, as determined in the County's sole discretion; or a material breach of the terms of the Contract by County upon County's failure to cure such material breach after written notice thereof has been delivered in accordance with ARTICLE #108. C. below constitutes cause for the Contractor to declare that the County is in default of its obligations under the Contract.

C. **Notice of Default.** If either party causes one or more of the default events set out in ARTICLE #108, then either party shall issue a written Notice-of-Default to the party that causes one or more of the default events, requesting that the breach or noncompliance be remedied within the period of time specified in the party's Notice-of-Default to the Contractor. If the breach or noncompliance is not remedied within the period specified in the written notice, the non-breaching party may:

1. Immediately terminate the Contract for default without additional written notice.
2. In the event of a breach by the Contractor, the County may procure substitute Services from another source and charge the difference between the Contract and the substitute Contract to the defaulting Contractor; and/or,
3. Enforce the terms and conditions of the Contract and seek any legal or equitable remedies.

D. **Termination Due to Non-Availability of Funds.**
This Contract will terminate immediately and absolutely if the County determines that adequate funds are de-appropriated such that the County cannot fulfill its obligations under the Contract, such determination being at the County's sole discretion and conclusive. County agrees to provide prompt written notice to Contractor in the event of any de-appropriation.

E. **Termination due to Failure of Contractor to Act.**
The County may terminate the Contract for any one or more of the following reasons effective immediately without advance notice:

1. In the event that the Contractor must be certified or licensed as a condition precedent to providing the Services, the revocation or loss of such license or certification may result in immediate termination of the Contract effective as of the date on which the license or certification is no longer in effect.
2. The County determines that the actions, or failure to act, of the Contractor, its agents, employees or sub-Contractors have caused, or reasonably could cause, life, health or safety to be jeopardized.

3. The Contractor furnished any statement, representation, or certification in connection with the Contract or the bidding process, which is materially false, deceptive, criminal activity, incorrect or incomplete.

4. Failure of the Contractor to obtain, provide, maintain, and deliver the Performance and Payment Bonds (if required) as and when required under this Contract, or failure to comply with any requirement pertaining to the appropriate amounts thereof as set forth in ARTICLE #123 - PERFORMANCE AND PAYMENT BOND REQUIREMENT.

F. Payment Limitation in Event of Termination. In the event of termination of the Contract for any reason by County, the County shall pay only those amounts, if any, due and owing to the Contractor for Services actually received and accepted by the County up to and including the date of termination of the Contract and for which the County is obligated to pay pursuant to the Contract.

G. The Contractor's Termination Duties. Upon receipt of notice of termination, the Contractor shall:

1. Cease work under the Contract and take all necessary or appropriate steps to limit disbursements and minimize costs and furnish a report within thirty (30) days of the date of notice of termination, describing the status of all work under the Contract, including, without limitation, results accomplished, conclusions resulting therefrom, and any other matters the County may require.
2. Immediately cease using and return to the County, any personal property or materials, whether tangible or intangible, provided by the County to the Contractor.
3. Comply with the County's instructions for the timely transfer of any active files and work product produced by the Contractor under the Contract.
4. Cooperate in good faith with the County, its employees, agents, and Contractors during the transition period between the notification of termination and the substitution of any replacement Contractor; and
5. Contractor is to immediately return any payments made by the County for goods and services that were not delivered by the Contractor.

H. **Liquidated Damages.** In the event that the Contractor unreasonably delays completion of the services as per the term in Article 105, or who abandons the services before completion, or fails to haul as per the contracted hauling schedule as outlined in Attachment 1, then the Contractor shall pay the County liquidated damages equal to the contracted cost per haul, per location, per day for each non-completed but scheduled haul as outlined in the Exhibit C – Mandatory Cost Proposal Worksheet.

ARTICLE # 109 – NO DEFENSE OR INDEMNIFICATION BY COUNTY:

The parties agree that the County shall not be responsible for defending or indemnifying any Contractor from any claim brought by any third party against the Contractor.

ARTICLE #110 - ASSIGNMENT AND DELEGATION BY CONTRACTOR:

The Contractor shall not assign or delegate this Contract, or any performance required by it, in whole or in part, without the prior express written consent of the County.

ARTICLE #111 – USE OF THIRD PARTIES (SUB-CONTRACTORS):

This Contract is for the benefit of the parties hereto only and is not intended to benefit any third-party or give rise to any duty or causes of action for any third party. All restrictions, obligations and responsibilities of the Contractor under the Contract shall also apply to third parties such as sub-Contractors, if allowed in writing by the County. Any Contract with a subcontractor must also preserve the rights of the County.

ARTICLE #112 – SUPERSEDES FORMER CONTRACTS, AGREEMENTS, RENEWALS AND EXTENSIONS:

Unless otherwise specified in the Contract, this Contract supersedes all prior Contracts or Agreements between the County and the Contractor for the Services provided in connection with the Contract.

ARTICLE #113 - SEVERABILITY:

If any paragraph, sub-paragraph, sentence, clause, phrase, or portion of this Contract is declared invalid or unconstitutional by any Court of competent jurisdiction or if the provisions of any part of this Contract as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be construed to affect the remaining portions of this Contract not so held to be invalid or the application of this Contract to other circumstances not so held to be invalid.

ARTICLE # 114 - RECORDS:

A. **Public Records Request.** The Georgia Open Records Act, as provided in O.C.G.A. § 50-18-70 et seq, requires procurement records and all other records received by or prepared or maintained on behalf of the County, shall be made open to public inspection, unless otherwise provided by law.

B. **Record Retention and Access.** The Contractor shall maintain books, records, and documents in accordance with generally accepted accounting principles and

procedures and which sufficiently and properly document and calculate all charges billed to the County throughout the term of the Contract for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. Records to be maintained include both financial records and service records.

ARTICLE # 115 - ADDITIONAL TERMS:

A. The County shall not be bound by any terms and conditions included in any Contractor's literature, packaging, invoice, catalog, brochure, technical data sheet, on-line representation, warranties or service level agreement or other document which attempts to impose any condition in variance with or in addition to the terms and conditions contained herein.

B. The County shall not be bound to any Terms and Conditions of the Contractor that are only accessible by hyper-link. All Terms and Conditions must be in print and approved by the County.

ARTICLE # 116 - WAIVER:

The failure of any party hereto to seek a remedy for any alleged breach of this Contract shall not constitute a waiver of any claim, cause of action, or remedy allowed by Georgia law for breach thereof.

ARTICLE # 117 - CONTRACTOR AND COUNTY RIGHTS AND OBLIGATIONS:

A. The County has the right at any time to require the Contractor to put an immediate stop to any procedure, or the use of any equipment (chemical, material, etc., if applicable) considered by the County to be hazardous (or toxic) to persons, buildings, or surfaces. The Contractor will utilize acceptable substitutes as quickly as possible. In the event of such replacement, Contractor shall notify County of any resulting replacement, (ii) introduce the individual serving as the replacement to County, and (iii) provide County with a résumé and any other information regarding the individual that may be reasonably requested by County.

B. The County has the right to require the Contractor to reassign or remove any employee or subcontractor's employee from the premises temporarily or permanently when, in the County's sole opinion, the employee is not suitable. The County's decision on this matter shall be final, and Contractor will remove this employee immediately and replace with a person of at least equivalent training, experience and requisite qualifications as quickly as possible, subject to the County's prior approval.

C. Contractor agrees to obtain prior written approval from the County for the use of sub-Contractors to provide the Services described in *SCOPE OF SERVICES* prior to subcontractor's performance of work.

ARTICLE # 118– INSURANCE REQUIREMENTS:

The Contractor must procure and maintain insurance policies at the Contractor's own expense and must furnish the County with an insurance certificate providing evidence of proof of coverage at least in the amounts indicated in this subsection. The insurance certificate must list Hall County, Georgia as the certificate holder and as an additional insured under the commercial general, automobile and umbrella liability policies as follows: "County of Hall, its Board of Commissioners, officers, servants, employees and agents, 2875 Browns Bridge Rd, Gainesville, GA, 30504". The policy must protect the Contractor and the County (as an additional insured) from any claims for bodily injury, property damage, or personal injury covered by the indemnification obligations set forth herein throughout the duration of the Contract. The Contractor must maintain the following insurance coverage during the term of the Contract, in at least the minimum amounts set forth below, to cover all loss and liability for damages or destruction of property caused by or arising from any and all services carried on and any and all work performed by the Contractor pursuant to this Contract:

Workers Compensation Insurance: Required for all contracts.

a. $500,000 Bodily Injury by Accident Each Accident
b. $500,000 Bodily Injury by Disease Each Disease
c. $500,000 Bodily Injury by Disease Each Employee

Additional Provisions: Waiver of Subrogation. The insurer agrees to waive all rights of subrogation against Hall County Board of Commissioners (BOC), its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for Hall County BOC; but this provision applies regardless of whether or not Hall County BOC has received a waiver of subrogation from the insurer.

General Liability Insurance: Required for all contracts.

a. $2,000,000 General Aggregate
b. $2,000,000 Products & Completed Operations Aggregate
c. $1,000,000 Each Occurrence
d. $1,000,000 Personal & Advertising Injury
e. $500,000 Damages to Premises / Fire / Legal
f. $5,000 Medical Payments

Commercial Auto Liability Insurance: Required for all contracts, except for Goods and/or Services that are remote in nature and/or are delivered by a professional delivery service.

a. $1,000,000 Combined Single Limit OR
b. $500,000 per Person

c. $500,000 per Occurrence
d. $100,000 Property Damage
e. $1,000 for Medical Payments (no fault coverage)

Additional Provisions:

a. Uninsured motorists' coverage should be equal to the per occurrence limit except for contracts with other governmental entities
b. Coverage shall be included for any owned, leased, hired, or non-owned autos
c. For any contracts involving the transportation of hazardous materials, limited pollution endorsement ISO form CA9948 or its equivalent shall be on the policy

Umbrella Liability Insurance: Required for all contracts

a. $1,000,000 per Occurrence

Additional Provisions:

a. Underlying coverage shall be General Liability, Automobile Liability, and Employers Liability (Workers Compensation)
b. Minimum limit of $5,000,000 per occurrence for all contracts over $1,000,000 or involving any special risks or high hazard activities
c. Minimum limit of $5,000,000 for automobile coverage for any transportation contracts involving seniors, special education, transit services, students, or youths.
d. Concurrent policy dates with primary liability policies except for workers compensation

Professional Liability Insurance (Errors & Omissions): Required for all professional service contracts. This shall include any consultants, medical, legal, technical, insurance agents, or other professions that require proper licenses.

a. $1,000,000 Each Claim/Wrongful Act
b. $2,000,000 General Aggregate

ARTICLE # 119 – NO WAIVER:

A. **Authority to Enter into Contract.** The Contractor represents and warrants that it has full authority to enter into and perform its obligations under the Contract and that the Contract constitutes a legal, valid, and binding obligation upon the Contractor in accordance with its terms. The representatives of the parties hereto also represent and warrant that they are authorized to sign this Contract on behalf of each party hereto."

B. **Solicitation.** The Contractor warrants that no person or selling agency (except bona fide employees or selling agents maintained for the purpose of securing business) has been employed or retained to solicit and secure the Contract upon an agreement or understanding for commission, percentage, brokerage or contingency.

ARTICLE # 120 – INTELLECTUAL PROPERTY RIGHTS and OWNERSHIP:

Contractor agrees it will not use the County name or any intellectual property, including but not limited to, County trademarks or logos in any manner, including commercial advertising or as a business reference, without the expressed prior written consent of the County.

ARTICLE # 121 - COMPENSATION:

A. The County will pay the Contractor for the Services provided pursuant to this Contract and in accordance with the prices quoted and conditions set forth herein. Payments will be made monthly in arrears to the Contractor after acceptance of the Contractor's delivered Services by the County, and after receipt of undisputed invoice to the County as per Exhibit C: Mandatory Cost Proposal Worksheet.

B. Prices quoted shall be firm and fixed throughout the term of this Contract, unless otherwise Amended or Modified by mutual agreement.

C. Cost may be prorated for Services added or removed under this Contract to align cost with the remaining term of Contract.

D. It is understood that this bid or proposal is made without collusion or fraud. Contractor understands and acknowledges that collusive bidding is a violation of state and federal law and may result in the cancellation of the Contract.

ARTICLE # 122 - COUNTY PAYMENT TO CONTRACTOR:

A. The County will issue a Notice to Proceed (NTP) to the Contractor, and Purchase Order(s) (herein after 'PO'). The terms of this Contract shall be incorporated by reference into any and all PO(s) issued prior to the expiration or termination of this Contract. The County will issue the PO by electronic mail (e-mail) to the Contractor's representative in *ARTICLE #103 - NOTICES.* A PO is considered "issued" when the e-mail containing the PO is sent by the County to the Contractor.

The Contractor shall not deliver any Services, equipment, devices, or components thereof until authorized in writing by the County through issuance of a PO, which shall provide a commencement Notice to Proceed date. Any work, including but not limited to travel, preliminary meetings, planning, etc., performed outside of the terms and conditions of and before the issuance of the PO will not be considered for payment. Contractors are not to begin work or ship any product on any verbal communication from within the County. The County will not be liable for payment for any work or product with the issuance of a verbal communication.

The Scope of Services shall remain in effect from the Notice to Proceed to completion of the project. The Parties agree that the County will not pay or otherwise compensate the Contractor for any Services, materials, equipment, devices or components thereof outside of the Scope of Work and/or beyond the term of this Contract, unless specifically authorized in writing as evidenced by an amendment (see *ARTICLE #106 - CONTRACT AMENDMENTS &, MODIFICATION*), a time extension letter, or as otherwise authorized by the County.

B. **Invoice/Payment.**

1. Contractor shall invoice the County via email each month solely to accountspayable@hallcounty.org and only after the County inspects and accepts the Services provided. Receipt of the Services does not constitute acceptance. Invoice amounts shall not exceed the Contractor's pricing set forth in *ARTICLE #102.*
2. Each invoice shall include the Contractor's current "Remit to" address; a description of the Services provided; the invoice amount; the Contract number; and the associated PO number issued. Each properly prepared invoice must be sent in accordance with the instructions listed on the PO. Standard payment terms are net 30 days (N30) in arrears from the date the invoice is accepted, following delivery of the Services.
3. The County does not pay for services not yet received but only in arrears.
4. The Contractor shall be solely responsible for paying all costs, expenses and charges it incurs in connection with its performance under the Contract.

C. **Unsatisfactory Performance; Delay of Payment.**

1. If the County determines that the quality of the Services provided are deficient, unacceptable, or unsatisfactory, the County's Project Manager identified in *ARTICLE #103* shall issue a written notice to Contractor. Contractor agrees that upon receipt of the written notice, it shall make every effort to correct the deficiency (ies) within the timeframe prescribed therein. If the Contractor fails to timely correct the deficiencies, the County reserves the right to delay or deny payment pursuant to this *ARTICLE #122* or terminate the Contract (*ARTICLE #108 – TERMINATION PROVISIONS*).
2. **Delay of Payment Due to Contractor's Failure.** If the County determines that the Contractor has failed to perform or deliver any Services as required by the Contract, the Contractor shall not be entitled to any compensation under the Contract until such Services are delivered and accepted. In this event, the County may withhold that portion of the Contractor's compensation, which represents payment for Services that were not delivered. To the extent that the Contractor's failure to perform or deliver in a timely manner causes the County to incur costs, the County may deduct the amount of such incurred costs as liquidated damages from any amounts payable to Contractor. The County's authority to deduct such incurred

costs shall not in any way affect the County's authority to terminate the Contract.

D. **Set-Off Against Sums Owed by the Contractor.** In the event that the Contractor owes the County any sum under the terms of the Contract, pursuant to any judgment, or pursuant to any law, the County may set off the sum owed by the Contractor against any sum owed to the Contractor, in the County's sole discretion.

E. **Final Payment.** Contractor shall issue an invoice for final payment to the County no later than thirty (30) days following the expiration or termination date of the Contract.

F. The Contractor must not "Factor or Assign Payments" to another or a financial institution. The County will only pay the party to whom it is contracted with. The County will not in any circumstances pay a third-party.

ARTICLE #123 – PERFORMANCE AND PAYMENT BONDS

(Required for construction, renovation and repair projects)

The Contractor must furnish to the County both a Performance and Payment Bond, both equal to one-hundred percent (100%) of the Contract's total initial award dollar amount. The County will only issue a Notice-to-Proceed after the bonds are received. Only surety companies licensed to do business in the State of Georgia are acceptable. The Contractor is required to provide new bonds at the issuance of each Renewal Option Term(s) or Extension(s) that follow.

The Contractor must provide all required bonding instruments to the County prior to commencement of any work. The County will consider any work done prior to the receipt of bonding instruments as null-and-void and thus not eligible for compensation.

ARTICLE #124 – RETAINAGE

(Required for construction, renovation and repair projects)

The County will retain funds to be withheld from compensation in compliance with Georgia law. Hall County may hold up to five-percent (5%) retainage throughout the entire project and will release said retainage at the point of completion and final acceptance by the County.

ARTICLE #125 – VENUE AND GOVERNING LAW

The parties agree that this Contract shall be interpreted, construed, and enforced in accordance with the laws of the State of Georgia. To the extent that either party may bring a legal suit to enforce the terms of this Contract, including suit in equity, the parties agree and consent to file any such suit in the Superior Court of Hall County, Georgia.

ARTICLE # 126 - NOTICE OF INTENT TO LITIGATE

Contractor hereby agrees not to file any civil action of disputes or claims relating to the Contract except after first giving thirty days (30) written notice to the County of the claim and the intent to initiate a civil action.

ARTICLE # 127- GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT (E-Verify):

A. By signing this Contract, the Contractor certifies that prior to and throughout the performance of all applicable work under this Contract it will remain in full compliance with all federal and state immigration laws, including but not limited to 8 U.S.C. § 1324a and the Georgia Security and Immigration Compliance Act (O.C.G.A. §13-10-90 et seq.), as amended by the Illegal Immigration Reform and Enforcement Act of 2011, regarding the verification of employment eligibility of employees under the Immigration Reform and Control Act of 1986. Contractor will ensure that only persons who are citizens or nationals of the United States or non-citizens authorized under federal immigration laws are employed to perform services under this Contract or any subcontract or sub-subcontract hereunder.

B. Contractor further certifies its compliance with the aforementioned federal and state immigration laws set forth by signing a sworn affidavit, the Georgia Security and Immigration Compliance Act Affidavit, notarized by an Official Notary Public, and obtaining the same affidavits from any sub-contractor providing services pursuant to this Contract.

ARTICLE # 128 – ORDER OF PRECEDENCE:

In the event of any inconsistency, ambiguity, or conflict among the specific provisions of the Contract and the Contractor's Response, the order of precedence shall be as follows:

1. First, any amendments to the Contract, including all Exhibits thereto.
2. Second, the Contract itself, including all Exhibits thereto.
3. Third, Attachments appended to the Contract.
4. Fourth, all other Contract Attachments appended to the contract.

ARTICLE # 129– CONTRACT EXHIBITS AND ATTACHMENTS:

The Parties mutually acknowledge that all Exhibits and Attachments listed below made a part of this Contract, as though expressly written in the IFB documents and the bidder's response, are-herein-incorporated into this contract by reference.

ARTICLE # 130 - ENTIRE CONTRACT:

This Contract, as executed and approved, shall constitute the entire agreement between the Parties and supersedes all other prior and contemporaneous statements, agreements, and understandings between the Parties. No written or oral statements, agreements, or understandings that are not set out, referenced, or specifically incorporated in this Contract shall in any way be binding or of effect between the Parties.

ARTICLE # 131– VALIDITY

If any paragraph, sub-paragraph, sentence, clause, phrase or any portion of this agreement shall be declared invalid or unconstitutional by any Court of competent jurisdiction or if the provisions of any part of this agreement as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be constructed to affect the portions of this agreement not so held to be invalid or the application of this agreement to other circumstances not so held to be invalid. The parties hereby declare that this is the intent of the parties to this agreement is to provide for separate and divisible parts.

ARTICLE #132 – SALES TAX EXEMPTION STATUS

The County is exempt from Federal Excise Taxes and from Georgia State and Local Sales and Use Taxes on the Services. The Contractor may request a copy of the County's Georgia Sales and Use Tax Exemption Certificate.

ARTICLE #133 – HOLD HARMLESS AGREEMENT

The successful respondent hereby agrees to indemnify, hold free and harmless, Hall County Government, County Commissioners, its agents, servants, employees, officers, directors and elected officials, or any other person(s) against any loss or expense. This includes attorney fees, because of any liability imposed by law upon the County, except in cases of the County's sole negligence, sustained by any person(s) on account of bodily injury or property damage arising out of or in the consequence of this agreement.

ARTICLE #134 – NOT A JOINT VENTURE.

The Department shall not be bound by any terms and conditions included in any Contractor packaging, invoice, catalog, brochure, technical data sheet, on-line representation, warranties or service level agreement or other document which attempts to impose any condition in variance with or in the addition to the terms and conditions contained herein.

ARTICLE #135 – ADDITIONAL TERMS

The Department shall not be bound by any terms and conditions included in any Contractor packaging, invoice, catalog, brochure, technical data sheet, on-line representation, warranties or service level agreement or other document(s) which

attempts to impose any condition in variance with or in the addition to the terms and conditions contained herein.

ARTICLE # 136 – CONTRACT TERMS AND CONDITIONS

1. All purchases must comply with The Official Code of Hall County Sections 3.10.010 – 3.10.190.
2. If any conflict or ambiguity arises between the Terms and Conditions herein, and The Official Code of Hall County, the latter will govern.
3. The Terms and Conditions set forth herein shall supersede and govern over all Contractor's Terms and Conditions or Service Level Agreements.
4. Hall County, Georgia, herein referred to as 'The County', retains the right to 'red-line' sections of the Supplier's Terms and Conditions if such are in conflict with the best interest of the County.
5. Acceptance of a Purchase Order (PO) and delivery of Goods or Services serves as the Supplier's full and complete acceptance of The County's Terms and Conditions.
6. The terms; supplier, vendor, bidder, offeror, Contractor, Contractor, designer, distributor, dealer or manufacturer or otherwise purveyor or source of supply or performance of service shall mean one-and-the-same, herein denoted as 'Supplier' for goods and 'Contractor' for services.
7. Furthermore, the terms; goods, materials, commodities, components, drawings, drafts, renderings, plans, physical or digital, software, SaaS, Engineering, Architectural, capital asset equipment, vehicles, heavy earth-moving or other equipment, purchased or leased, or other such deliverables are herein denoted as 'Goods' and shall mean one-and-the-same.
8. 'Services' shall mean all services, either financial, advisory, consultative, labor, staff augmentation, construction, rehabilitation, restoration, repair, support or maintenance, or otherwise where services are offered for consideration.
9. The County's payment terms are Net 30 days.
10. The Supplier shall transfer and deliver all goods or services described on the attached PO for the consideration set forth herein.
11. The Supplier shall only deliver goods and services as described on the PO and within the Scope of Work and the Supplier's Bid Response.
12. The County holds no obligation to pay for goods delivered or services rendered unless specified on a written Purchase Order or a Change Order of such.
13. The Supplier shall not construe any verbal consent to purchase goods or services as valid.
14. The County does not accept substitutions of services or goods that do not comply with the Scope of Work or Specifications set forth in the Purchase Order, Contract or Agreement, unless mutually agreed in writing by both parties.
15. The County does not accept automatic contract renewals with the exception of monthly subscription services.
16. The County only pays for services rendered in arrears. The County does not pay for services not yet rendered.
17. The County does not pay deposits towards goods ordered. Exceptions exist for custom made items (such as window coverings and blinds, or carpet, tile etc.), fabrication, decoration, or otherwise custom designed specifically for the County.
18. The County will accept backorders only if goods are out of stock and with prior written notice. Suppliers shall ship all quantities that it has in stock and hold orders for backorders.

19. The County participates in Cooperative Purchasing Agreements, State of Georgia Statewide Contracts, and other state, local, Intergovernmental Agreements, Memorandums-of-Understanding and other such Agreements.
20. In all cases, the jurisdiction shall be the State of Georgia, County of Hall, for arbitration or other legalities
21. Deliveries go to the ship-to addresses listed on the PO and within the time specified. The Supplier must follow instructions if multiple ship-to address exist on the PO.
22. Risk of loss of goods shall pass to The County upon completion and final acceptance of the project delivery.
23. Receipt of goods or services does not constitute acceptance.
24. Title to the goods shall remain with the Supplier until acceptance by The County.
25. The Supplier warrants that the goods are merchantable and that the Supplier has a legal right to deliver the goods and services and as described herein.
26. The County shall have the right to inspect all goods or services at the time and place of delivery.
27. Vendor agrees not to assign in full or part of the Contract to another party without the County's express written consent. Any attempted assignment or delegation shall void and make ineffectual for all purposes unless made in conformity with this paragraph.
28. The County is exempt from Federal Excise Tax and Georgia Sales and Use Tax.
29. This issuance of the PO shall not violate the Code of Ethics and Conflicts of Interest for Public Officers and Employees for Government Service set forth in the 2020 Section 45-1020 *et seq.* of the Official Code of Georgia Annotated and the Official Code of Hall County Section 3.10.070 governing Ethics.
30. All goods and services supplied pursuant to this PO shall, unless otherwise noted, must conform exactly to all of the descriptions, specifications, Exhibits and attachments contained in the Bid Solicitation upon which a PO is based and all the terms, conditions, and specifications of the Bid Solicitation are incorporated herein by reference and made a part hereof.
31. Any-and-all media production, recordings, videos, photography, artwork, plates, engravings, and other printed or digital media materials paid in full by The County is considered County property and shall be delivered to The County upon request.
32. Invoices submitted to The County will reflect the language of the PO with the PO Number printed on each invoice submitted.
33. In the event that a PO has an attached Contract or Agreement, the terms and conditions of the latter shall govern in the event of any conflict with these terms and conditions.
34. The Supplier may be suspended, terminated, or debarred if it is determined that the Supplier has made false certification(s) or has violated such certification(s) by failure to carry out the requirements herein.
35. The Supplier certifies that it and its subcontractors are not been debarred, suspended, or declared ineligible by any agency of the County, or State of Georgia or as defined in the Federal Acquisition Regulation (FAR) 48 C.F.R. Ch. 1 Subpart 9.4.
36. The Supplier certifies that the Supplier is not currently engaged in an active or pending lawsuit or other grievance, injunction, or levy against the County.
37. Goods are Free-On-Board (F.O.B.) destination and freight, shipping and delivery shall be pre-paid and added to the invoice as a separate line item.
38. The County does not pay late fees nor interest charges.
39. The Supplier shall charge the County the exact amount of freight, delivery, handling and insurance charges.

40. The County is not bound to any minimum or maximum quantity or dollar amount set by the Supplier
41. In the event there is a discrepancy between the unit price and extended price, the unit price shall govern.

[Signature Page Follows]

IN WITNESS WHEREOF, said Parties have hereunto affixed their signature and seal on the day, month, and year first above written, Bidder must print the full legal company name below as it appears on the W-9 form:

Print Company's Full Legal Name Below:

Blue Level Services, LLC

By: _____

Print Name: Ryan Tyree

Title: Owner

Sworn to and subscribed before me this

4 Day of ~~March~~ April, 2024

Notary Public: _____

Notary commission expires: 10/8/2027

[Locus Sigilli – Seal or Stamp]

Walter John Harris
NOTARY PUBLIC
Hall County, GEORGIA
My Commission Expires 10/08/2027

HALL COUNTY, GEORGIA

By. _____

Richard Higgins, Chairman
Hall County Board of Commissioners

Date: _____

Attestment: _____

Board of Commissioners Clerk

Approved as to Form

APPROVED AS TO FORM

_____

Nathaniel R. Anderson,
Senior Assistant County Attorney

HALL COUNTY
GEORGIA
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POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

DIRECTOR
Wesley Geddings

Hall County Government
FINANCIAL SERVICES

EXHIBIT B

MANDATORY BID RESPONSE FORM

Bidders must complete and return this form with their bid

By submitting a proposal, the respondent certifies that they have fully read and understand the proposal's Scope of Work and requirements needed to complete the project. The services offered and the cost proposal must be valid for at least one-hundred twenty days (120) from date of signature.

Bid No: IFB #016-45

Bid Name: Roll-Off Solid-Waste and Recycling Hauling Services Documents

Date of Bid Submittal: 4/4/2024

Affirmation: Bidder affirms the following by affixing a wet signature in blue ink, or digitally below:

> "I, the undersigned, agree to abide by all terms and conditions of this solicitation and certify that I am authorized to sign this bid proposal".

Company Name: Blue Level Services, LLC

Bidder Signature: _____ Date: 4/4/24

Print Name: Ryan Tyree

Title: Owner

Print Name: Ryan Tyree

Phone Number: 706.878.9774

Email Address: ryan@bluelevelsvcs.com

Physical Address: 172 Professional Park Dr

Physical Address 2: Clarkesville GA 30523

Unsigned bids may be declared as "Non-Responsive" and may not be evaluated.

If you desire to submit a "No Bid" then please indicate by checking one or both of the reasons listed below and explain.

_____ Bidder does not offer this service

_____ Unable to meet specifications

_____ Unable to meet scheduled time-line

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ **Go to *www.irs.gov/FormW9* for instructions and the latest information.**

Give Form to the requester. Do not send to the IRS.

Print or type. See **Specific Instructions** on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

Blue Level Services, LLC

2 Business name/disregarded entity name, if different from above

North Georgia Hydroseeding & Erosion Control

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☑ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

PO Box 1322

6 City, state, and ZIP code

Clarkesville, GA 30523

Requester's name and address (optional)

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

8	6	–	3	3	3	2	3	9	3

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ Jeffrey Ichel Date ▶ 1/15/24

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

HALL COUNTY
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DIRECTOR
Wesley Geddings

Hall County Government
FINANCIAL SERVICES

EXHIBIT E
MANDATORY E-VERIFY AFFIDAVIT

The undersigned contractor ("Contractor") executes this Affidavit to comply with O.C.G.A § 13-10-91 related to any contract to which Contractor is a party that is subject to O.C.G.A. § 13-10-91 and hereby verifies its compliance with O.C.G.A. § 13-10-91, attesting as follows:

a) The Contractor has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program;
b) The Contractor will continue to use the federal work authorization program throughout the contract period, including any renewal or extension thereof;
c) The Contractor will notify the public employer in the event the Contractor ceases to utilize the federal work authorization program during the contract period, including renewals or extensions thereof;
d) The Contractor understands that ceasing to utilize the federal work authorization program constitutes a material breach of Contract;
e) The Contractor will contract for the performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the Contractor with the information required by O.C.G.A. § 13-10-91(a), (b), and (c);
f) The Contractor acknowledges and agrees that this Affidavit shall be incorporated into any contract(s) subject to the provisions of O.C.G.A. § 13-10-91 for the project listed below to which Contractor is a party after the date hereof without further action or consent by Contractor; and
g) Contractor acknowledges its responsibility to submit copies of any affidavits, drivers' licenses, and identification cards required pursuant to O.C.G.A. § 13-10-91 to the public employer within five business days of receipt.

1857163
Federal Work Authorization User Identification Number

7/20/2022
Date of Authorization

Blue Level Services, LLC
Name of Contractor

Roll-off Solid Waste Hauling
Name of Project

Hall County, Georgia
Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on April, 4, 2024 in Clarkesville (city), GA (state).

Signature of Authorized Officer or Agent

Ryan Tyner
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE 4 DAY OF April, 2024.

NOTARY PUBLIC

Walter John Harris
NOTARY PUBLIC
Hall County, GEORGIA
My Commission Expires 10/08/2027

My Commission Expires: 10/8/2027 [Locus Sigilli]

HALL COUNTY
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EXHIBIT F
MANDATORY ETHICS AFFIDAVIT

Contractors, consultants, and vendors of any service or commodity to Hall County, Georgia must read and affirm to adhere to the following ethics requirements for compliance with the Official Code 3.10.070 of Hall County - Ethics.

A. It is the policy of Hall County to seek the best overall value when procuring goods and services. Toward this end, the county finds and declares that its objectives will best be achieved through an open, competitive process with a broad range of responsible vendors wishing to furnish products and services to the county. Hall County will establish and conduct a procurement program that maximizes service benefit to the community and awards contracts to vendors who offer the best quality and value.

B. Hall County declares that county employees and officials, along with those wishing to do business with the county, have the shared responsibility for avoiding biased, anticompetitive, or unethical practices.

C. Hall County employees, officials, and their family members are prohibited from seeking, requesting, or receiving any material payment, gift, job offer, security, promise of future benefit, or any other tangible or intangible thing of value when such receipt has the potential to influence a procurement decision or to gain undue advantage in a procurement competition.

D. Prospective vendors must compete for county business within the parameters of the solicitation process and are prohibited from seeking to obtain inside information, attempting to skew the writing of specifications, or influencing a procurement decision through any means outside the process established for the particular solicitation. This principle applies to any contractor, subcontractor, representative, employee, or agent that may be associated with a procurement transaction.

E. Bidders and proposers shall disclose on competitive bid responses any individual(s), firm(s), and/or county official(s) who do business with the county if there is an appearance of a conflict of interest.

F. Ethical business practices are important, both, during a solicitation, and after the decision to grant an award. The county seeks to establish relationships with business partners whose ongoing ethical standards of business conduct are congruent with those outlined here. The purchasing manager, subject to the approval of the director of financial services, is charged with establishing methods for ongoing monitoring for non-compliance with these principles. The prohibition against the offering of or the acceptance of kickbacks, gratuities, payments or any other instrument of value extends beyond and outside any specific procurement or solicitation.

G. A vendor's contract compliance history with Hall County and other contractual parties is a valid element in the decision to award, or not, a contract.

H. Hall County stipulates that the furtherance of its strategic goals for job creation, stability and growth in the tax base, business retention, and other fiscal and economic development objectives may be considered during the procurement process. The purchasing manager, subject to the approval of the director of financial services, is authorized to establish procurement initiatives consistent with the county's strategic economic development objectives. These procurement practices shall be applied consistently and equitably and shall have a direct relationship to the county's goals.

I. Hall County employees, officials, and their family members are generally prohibited from participation in any procurement decision or any gain of undue advantage in a procurement competition as a result of contemporaneous employment with a potential or actual business partner.

J. It is unethical for any county employee to purchase commodities or services from a county contract for personal use.

K. With the exception of solicitations for the sale of real property, individuals, firms and businesses seeking an award of a Hall County contract may not initiate or continue any verbal or written communications regarding a solicitation with any county officer, elected official, employee or other county representative other than the purchasing associate named in the solicitation, or the county's financial advisor, between the date of the issuance of the solicitation and the date of the final contract award by the board of commissioners. The purchasing manager will review violations. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award. Solicitations for the sale of real property may allow for verbal or written communications with the appropriate Hall County representative.

L. All county commissioners, officials, and employees shall adhere to the standards outlined in the Hall County Code of Ethics.

M. **(AMENDED)** The purchasing division of the financial services department shall determine and implement methods of educating all prospective contractors, bidders, proposers, and vendors on the requirements and provisions of Code Section 3.10.070, including, but not limited to, requiring each prospective contractor, bidder, proposer, and vendor that expresses an intent to do business with the County to sign an affidavit attesting that they have read this Chapter and have more specifically also read Code Section 3.10.070." (Res. of 11-14-19(1), § 1 (Exh. A))

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on April, 4, 2024 in Clarkesville (city),

GA (state) 30523 (Zip Code)

Signature of Authorized Officer or Agent

Ryan Tyree Owens

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

On This the 4 Day of April, 2024.

NOTARY PUBLIC

My Commission Expires: 10/8/2027

[Locus Sigilli]

Walter John Harris
NOTARY PUBLIC
Hall County, GEORGIA
My Commission Expires 10/08/2027

EXHIBIT G

MANDATORY QUESTIONS

Bidder's company name:

No.	Question	Answer
1	Does your company have at least three (3) sequential years of experience in providing services as detailed in the Scope of Work?	yes
2	Describe in narrative form at least three (3) customers within the past five (5) years, in similar size and scope including entity names, references names and contact details.	Ecn Construction - Clay Valley - 706 871-5586 McCallister Tree - Josh Holbrooks - 706-963-64 Mossy Creek Homes - Dalton Cavender - 678 3816396
3	Will any of the proposed services be subcontracted out to a third-party? If so, denote the work, the percentage of total, and list each of the legal entity's company names of the third-party(s).	NO
4	Please detail your safety policy and attach it with your bid.	see Attached
5	Describe the expertise of your work force. Supervisors, specialists, laborers. Are they full time employees, 1099 or temporary workers?	Full Time employees All are experienced drivers with supervisors having decades of truck management
6	Accountability and documentation of records are critical for assessing completed work and level of quality. Will your company be capable of providing to the County your daily work schedule and daily check list for completed work?	yes in digital or paper form we can provide schedule and completion
7	Name crew leaders or superintendents or supervisors overseeing all assigned duties and providing daily summaries of completed and proposed work for the following day	Peter Breslin Hank Tyree Ryan Tyree
8	Describe how your company verifies that staff adequately performs work for delivery of the service(s) described under the Scope of Work. Also, describe how your company inspects, approves and verifies delivery of service(s) and how corrective actions with staff are implemented if needed.	All trucks are GPS tracked and checked Daily for Route Completion Also All drives use Hauler software to mark off each pickup and Delivery A supervisor checks throughout the day to keep trucks on tracks and will make any adjustments needed.

9	Per documentation of this solicitation you must keep a sufficient work force to perform the requirements of this contract. Describe how you will continue to maintain this work force. What is your companies succession planning when an employee quits or calls out?	we will have 6 drivers on Rotation with 2 spare drivers in case of sickness or Replacement.
10	Do you affirm that neither your firm, nor its principals, are currently in litigation with Hall County, Georgia?	we are not in litigation with Hall Co.

HABERSHAM COUNTY
BUSINESS LICENSE
2024

THIS LICENSE EXPIRES: 12/31/2024

LICENSE NUMBER	DATE ISSUED
16383	01/31/2024

ISSUED TO

BLUE LEVEL SERVICES LLC
2428 HWY 197N
CLARKESVILLE, GA 30523

CLASS/DESCRIPTION
541611 / ADMINISTRATIVE MANAGEMENT AND GENERAL M/

PHYSICAL LOCATION
2428 HWY 197N

RESPONSIBLE PERSON
RYAN TYREE

AUTHORIZED SIGNATURE

RESIDENT BUSINESS MUST POST IN A CONSPICUOUS PLACE
NON-RESIDENT BUSINESS MUST KEEP IN POSSESSION

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 06/20/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Monica Jernigan	
Turner, Wood, & Smith Agency, Inc. 1515 Community Way PO Box 1058 Gainesville GA 30503	PHONE (A/C, No, Ext): (770) 536-0161	FAX (A/C, No): (770) 536-1283
	E-MAIL ADDRESS: Monica.Jernigan@twsinsurance.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Blue Level Services LLC, ForeverLawn NGA LLC DBA: North Georgia Hydro Seeding and Erosion Control 172 Professional Park Dr Clarkesville GA 30523	INSURER A: Selective Way Insurance Company	26301
	INSURER B: AmTrust Insurance Co	15954
	INSURER C: Evanston Insurance Company	35378
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** CL2341932417 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:	Y	Y	S2483375	04/30/2023	04/30/2024	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 500,000
							MED EXP (Any one person)	$ 15,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
A	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY	Y	Y	S2483375	04/30/2023	04/30/2024	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
A	[X] UMBRELLA LIAB [X] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [X] RETENTION $ 0	Y	Y	S2483375	04/30/2023	04/30/2024	EACH OCCURRENCE	$ 2,000,000
							AGGREGATE	$ 2,000,000
								$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: Y If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	Y	KWC1315382	05/01/2023	05/01/2024	[X] PER STATUTE [ ] OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
C	Contractor's Pollution Liability Coverage	Y		CPLMOL111538	05/25/2023	04/30/2024	Per Occurrence Limit	$1,000,000
							General Aggregate Limit	$1,000,000
							Deductible	$5,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate Holder and/or Owner are Additional Insureds when required by written contract with regards to General Liability and Auto Liability; Coverage is Primary and Non-Contributory and Waiver of Subrogation applies all under Form #CG7300 06-22 & CA7809 04-23. Blanket additional insured applies for completed operations per form #CG7921 06-22. Waiver of subrogation applies to workers compensation per form WC 000313.

CERTIFICATE HOLDER

Proof of Coverage

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Monica R Jernigan

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TURNER WOOD & SMITH

INSURANCE

April 2, 2024

Re: Blue Level Services

To Whom It May Concern:

This letter serves to confirm that Turner Wood & Smith Insurance handles the contract bonding requirements of Blue Level Services through EMC Insurance.

We are currently in a position to conditionally provide Bid, Performance and Payment bonds for Blue Level Services. Special acceptance could be considered upon submission of job details. Any bond requests would, of course, be subject to our normal underwriting review and approval of the contract documents, bond forms, terms of project financing and other underwriting factors at the time of the request and EMC Insurance Company assumes no liability if such bonds are not executed.

The above demonstrates our utmost confidence in Blue Level Services. We anticipate no problems in providing the necessary performance and payments bonds for the above project. Should you have any questions, please do not hesitate to call.

Sincerely,

Trey Wood

Trey Wood, AAI, CWCA
Partner

EXHIBIT C - Mandatory Cost Proposal Worksheet

IFB #016-45 Roll-Off Solid-Waste and Recycling Hauling Services

Company Name: Blue Level Services, LLC
Bidder's Name: Ryan Tyree
Signature:
Date: 4/3/24 4/4/2024

For Weekly Total Evaluation Purposes Only. Calculate Grand Total at Bottom of Worksheet. Individual Line Item Cost will govern if there is a discrepancy in daily totals and the Grand Total. Weekly Totals will be multiplied times 52 for an estimated annual cost. Enter Cost per Haul for Solid Waste and Recycling in Column "F " entitled "Cost Per Haul" for each line item below.

SOLID-WASTE WEEKLY HAULING SCHDULE

MONDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	COST PER HAUL
Gould Lane	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Sardis 1	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	111.58
Sardis 2	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	111.58
East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Balus Creek	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Blackshear (Right Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	111.58
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Tadmore	35 Yard Self Contained Compactor	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58
Lula	40 Yard Compactor Receiver	6174 Lula Road, Lula, GA 30554	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	111.58

TUESDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
Sardis 2	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18

East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Blackshear (Left Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Blackshear (Right Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Balus	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, GA 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gould Ln	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

WEDNESDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
Sardis 1	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gould Ln	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, GA 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Lula	40 Yard Compactor Receiver	6174 Lula Road, Lula, GA 30554	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Balus	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

Blackshear (Left Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

THURSDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
Sardis 2	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Gould	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Tadmore (Self Contained Compactor)	35 Yard Self Contained Compactor	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, GA 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Blackshear (Right Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Balus	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

FRIDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
Sardis 1	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Gould Ln	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Lula	40 Yard Compactor Receiver	6174 Lula Road, Lula, GA 30554	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, GA 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Balus Creek	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Blackshear (Left Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

SATURDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
Sardis 2	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Sardis 1	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, GA 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gould Ln	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Balus	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Blackshear (Right Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

SUNDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
Sardis 2	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Sardis 1	35 Yard Self Contained Compactor	3166 Brackett Dr, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Self Contained Can for Full Record Weights	130.18
Murrayville	40 Yard Compactor Receiver	5113 Thompson Bridge Rd, Murrayville, GA 30564	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
East Crescent	40 Yard Compactor Receiver	738 East Crescent Dr, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Blackshear (Right Side)	40 Yard Compactor Receiver	2921 Atlanta Hwy, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Wauka Mt	40 Yard Compactor Receiver	5800 Brookton Lula Rd, Gainesville, GA 30506	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

Tadmore	40 Yard Compactor Receiver	3320 Holly Springs Rd, Gainesville, GA 30543	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Balus	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd, Oakwood, GA 30566	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Flowery Branch	40 Yard Compactor Receiver	4395 Falcon Parkway, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Candler	40 Yard Compactor Receiver	5064 Poplar Springs Rd, Gainesville, GA 30507	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gaines Ferry	40 Yard Compactor Receiver	6173 Gaines Ferry Road, Flowery Branch, GA 30542	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18
Gould Ln	40 Yard Compactor Receiver	1277 Hillside Gardens Ln, Gainesville, GA 30504	1700 Oakbrook Dr, Gainesville, GA 30507	Swap Empty Break Away Can for Full Record Weights	130.18

RECYCLING WEEKLY HAULING SCHEDULE

MONDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
TRASH COMPACTOR	40 Yard Compactor Receiver	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	65.09
Pull Open top	40 Yard Open Top	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	65.09
Return Open top	40 Yard Open Top	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	65.09
BALUS	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd. Flowery Branch, GA 30	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
BLACKSHEAR (Left side)	40 Yard Compactor Receiver	2921 Atlanta Highway Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
MURRAYVILLE	40 Yard Compactor Receiver	1513 Thompson Bridge Rd. Gainesville, GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
GOULD LANE	40 Yard Compactor Receiver	1277 hillside Gardens Lane Gainesville GA 30504	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
RECYCLING CENTER	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
SARDIS SINGLE STREAM	35 Yard Self Contained Compactor	3166 Brackett Drive Gainesville , GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
FLOWERY BRANCH SINGLE STREAM	35 Yard Self Contained Compactor	4395 Falcon Pkwy, Flowery Branch GA 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
TADMORE SINGLE STREAM	35 Yard Self Contained Compactor	3320 Holly Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
TRASH COMPACTOR	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	65.09

TUESDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
TRASH COMPACTOR	40 Yard Compactor Receiver	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	78.11
Pull Open top	40 Yard Open Top	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	78.11
Return Open top	40 Yard Open Top	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	78.11
EAST CRESCENT	40 Yard Compactor Receiver	734 East Crescent Drive Gainesville, GA 30501	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
WAUKA MTN.	40 Yard Compactor Receiver	5800 Brookton-Lula Rd. Gainesville, Ga 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
GAINESFERRY	40 Yard Compactor Receiver	6173 Gaines Ferry Rd Flowery Branch, Ga 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
TADMORE CARDBOARD	35 Yard Self Contained Compactor	3320 Holly Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
FLOWERY BRANCH CARD	35 Yard Self Contained Compactor	4395 Falcon Pkwy, Flowery Branch GA 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
SARDIS CARDBOARD	35 Yard Self Contained Compactor	3166 Brackett Drive Gainesville , GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
TRASH COMPACTOR	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	78.11

WEDNESDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
TRASH COMPACTOR	40 Yard Compactor Receiver	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	65.09
Pull Open top	40 Yard Open Top	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	65.09
Return Open top	40 Yard Open Top	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	65.09
BALUS	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd. Flowery Branch, GA 30566	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09

BLACKSHEAR (Right Side)	40 Yard Compactor Receiver	2921 Atlanta Highway Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
BLACKSHEAR (Left side)	40 Yard Compactor Receiver	2921 Atlanta Highway Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
LULA	40 Yard Compactor Receiver	6174 Lula Road Gainesville, GA30554	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
CANDLER	40 Yard Compactor Receiver	5064 Poplar Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
SARDIS GLASS	30 Yard Self Contained Compactor	3166 Brackett Drive Gainesville , GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
TADMORE GLASS	30 Yard Self Contained Compactor	3320 Holly Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
FLOWERY BRANCH GLASS	30 Yard Self Contained Compactor	4395 Falcon Pkwy, Flowery Branch GA 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	65.09
TRASH COMPACTOR	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	65.09

THURSDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
TRASH COMPACTOR	40 Yard Compactor Receiver	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	78.11
Pull Open top	40 Yard Open Top	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	78.11
Return Open top	40 Yard Open Top	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	78.11
EAST CRESCENT	40 Yard Compactor Receiver	734 East Crescent Drive Gainesville, GA 30501	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
WAUKA MTN.	40 Yard Compactor Receiver	5800 Brookton-Lula Rd. Gainesville, Ga 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
GAINESFERRY	40 Yard Compactor Receiver	6173 Gaines Ferry Rd Flowery Branch, Ga 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
SARDIS SINGLE STREAM	35 Yard Self Contained Compactor	3166 Brackett Drive Gainesville , GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
FLOWERY BRANCH SINGLE STREAM	35 Yard Self Contained Compactor	4395 Falcon Pkwy, Flowery Branch GA 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
TADMORE SINGLE STREAM	40 Yard Compactor Receiver	3320 Holly Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	78.11
TRASH COMPACTOR	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	78.11

FRIDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
TRASH COMPACTOR	40 Yard Compactor Receiver	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	71.01
Pull Open top	40 Yard Open Top	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	71.01
Return Open top	40 Yard Open Top	1700 Oakbrook Drive Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	put back in place	71.01
MURRAYVILLE	40 Yard Compactor Receiver	1513 Thompson Bridge Rd. Gainesville, GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01
BALUS	40 Yard Compactor Receiver	3845 Old Flowery Branch Rd. Flowery Branch, GA 30566	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01
GOULD LANE	40 Yard Compactor Receiver	1277 hillside Gardens Lane Gainesville GA 30504	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01
RECYCLING CENTER	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01
FLOWERY BRANCH CARD	35 Yard Self Contained Compactor	4395 Falcon Pkwy, Flowery Branch GA 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01
TADMORE CARDBOARD	35 Yard Self Contained Compactor	3320 Holly Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01

SARDIS CARDBOARD	35 Yard Self Contained Compactor	3166 Brackett Drive Gainesville , GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can	71.01
TRASH COMPACTOR	40 Yard Compactor Receiver	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	1700 Oakbrook Drive Gainesville, GA 30507	dump at landfill	71.01

SUNDAY	EQUIPMENT DESCRIPTION	HAUL FROM	HAUL TO	ACTION	
WAUKA MTN.	40 Yard Compactor Receiver	5800 Brookton-Lula Rd. Gainesville, Ga 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
GAINESFERRY	40 Yard Compactor Receiver	6173 Gaines Ferry Rd Flowery Branch, Ga 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
CANDLER	40 Yard Compactor Receiver	5064 Poplar Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
EAST CRESCENT	40 Yard Compactor Receiver	734 East Crescent Drive Gainesville, GA 30501	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
TADMORE CARDBOARD	35 Yard Self Contained Compactor	3320 Holly Springs Rd. Gainesville, GA 30507	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
FLOWERY BRANCH CARD	35 Yard Self Contained Compactor	4395 Falcon Pkwy, Flowery Branch GA 30542	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
SARDIS CARDBOARD	35 Yard Self Contained Compactor	3166 Brackett Drive Gainesville , GA 30506	Recycling Center 1008 Chestnut St. SE Gainesville, GA 30501	swap empty can for full can, record weights	111.58
				Grand Total	15621.61

IFB # 016-45 Bid Tabulation Summary	Roll-Off Solid-Waste and Recycling Hauling Services						4/24/2024		
Bidders	Blue Level Services, LLC	Pateco Services, LLC	Red Oak Sanitation, Inc.	Peachtree Waste	Waste-Pro of Georgia	North Georgia Excavation Group, LLC	Roll-Off Waste	Amera-Green Enviromental Recycling, LLC	TCT Property, Enterprises, LLC
Location	Clarkesville, GA	Suwanee, GA	Cumming, GA	Atlanta, GA	Athens, GA	Lula, GA	Statham, GA	Americus, GA	Gahanna, OH
Weekly Cost Bids	$ 15,621.61	$ 20,710.00	$ 24,420.00	$ 25,900.00	$ 26,217.00	$ 30,720.00	$ 32,670.00	$ 36,885.00	$ 44,064.00
Annual Extended Cost	**$ 812,323.72**	**$ 1,076,920.00**	**$ 1,269,840.00**	**$ 1,346,800.00**	**$ 1,363,284.00**	**$ 1,597,440.00**	**$ 1,698,840.00**	**$ 1,918,020.00**	**$2,291,328.00**

RECOMMENDED:	Blue Level Services, LLC	
	Weekly Cost	Annual Cost
LOWEST BID AMOUNT:	$ 15,621.61	$ 812,323.72

BIDS MAILED: 24 HALL: 2

BIDS RECEIVED: 9 HALL: 1

NO BIDS: 1 HALL: 0

HALL COUNTY
GEORGIA We have it all in Hall

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 186/2024

SUBJECT: Approve award of Task Order #2024-027 White Sulphur Road Intersection & Widening and Task Order #2024-029 Cagle Road Intersection Improvements under RFQ/P #41-001 Demand Services for Civil Engineering for Public Works & Utilities to Atlas Technical Consultants, LLC of Duluth, GA, in the amount of $833,605.00.

Meetings:

Work Session Date: 05/06/24

Voting Meeting Date: 05/08/24

Executive Summary:

Presenter: BN

Recommendation:
Approve.

Purpose of Request:

Approve award of Task Order #2024-027 White Sulphur Road Intersection & Widening and Task Order #2024-029 Cagle Road Intersection Improvements under RFQ/P #41-001 Demand Services for Civil Engineering for Public Works & Utilities to Atlas Technical Consultants, LLC of Duluth, GA, in the amount of $833,605.00.

History:
These design projects will essentially be extensions of current projects White Sulphur Road Realignment and the Cagle Road improvements. Which are estimated to be complete in Summer 2025 and Spring 2025 respectively.

Cagle Road Improvements construction was awarded in April 2024 and White Sulphur realignment is expected to be awarded in August 2024.

Atlas Technical Consultants has done successful work with Hall County and is currently in good standing.

Facts and Issues:

Options:

The proposed task orders are for design related services necessary to obtain permits, generate construction plans, and bid out to contractors for these projects. Task orders were submitted to our 3 on-demand consultants and we received responses from two of the three.

For Task order 2024-027 WSR widening and intersection improvements @ SR365. Atlas provided the most efficient time to completion – Which was 18 months (14 months by Atlas and 4 months of GDOT involvement) compared to 30 months proposed by HGB. The schedule advantage is compelling justification based on the upcoming construction activities in this area.

For Task order 2024-029 Cagle Road @ SR365. Atlas was the lowest fee and also provided the most efficient time to completion – Which was 10 months (6 months by Atlas and 4 months of GDOT involvement) compared to 30 months proposed by HGB.

Funding Requested	$ 833,605.00
Are funds within current budget?	Yes
Source of Funds	State Road
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	2024-04-08

Approvals:

Submit	Approve	Purchasing	Budget
JG	JG	AP	TS
Finance	**Attorney**	**Administration**	**Clerk**
TS	WLI	CR	JR

Attachments:

Financial Supplement
Contract - SR 365 Intersection Improvements
Bid Tabulation Summary

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 186/2024

Funds Requested: $ 833,605.00

Request Budgeted: Yes

Proposed Source of Funding:

State Road

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2024	221-STATE ROAD GRANT FUND	4971-ENGINEERING	541400-INFRASTRUCTURE	$100,000.00
2025	221-STATE ROAD GRANT FUND	4971-ENGINEERING	541400-INFRASTRUCTURE	$733,605.00

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: JG

Phone: (770) 531-6800

Hall County Government
PURCHASING DIVISION

CONTRACT EXECUTION SIGNATURE REQUEST

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM FINANCIAL SERVICES DIRECTOR
Taylor Samples, CPA

PURCHASING MANAGER
Andy Penick

Date: April 26, 2024

To: Richard Higgins, Chairman Hall County Board of Commission

From: Andy Penick

Your signature is requested to execute the attached Contract.

Bid/Contract No: #41-001

Contract Name: Demand Services for Civil Engineering - Design Services for SR 365 Corridor Intersection & Widening Improvements

Task Order #2024-027 White Sulphur Road Intersection & Widening and Task Order #2024-029 Cagle Road Intersection Improvements

Department(s) Requesting Contract: Public Works

Award Recipient Name: Atlas Technical Consultants, LLC

Contract Description:

☐ Annual Contract ☐ New ☒ Renewal

☐ Price Increase Requested Percentage Increase: N/A

☐ Demand Service Contract Previous Spend: N/A

☐ Commodity Contract Requested Amount: $833,605.00

☒ Demand Service Contract

Comments:

Task order #2024-027 is for Civil Engineering Design Services for SR 365 Corridor – White Sulphur Road Intersection & Widening, with an anticipated completion time of 18 months of Notice-to-Proceed.

Task order #2024-029 is for Civil Engineering Design Services for SR 365 Corridor - Cagle Road Intersection Improvements with an anticipated completion time of 10 months of Notice-to-Proceed.

CONTRACT EXECUTION SIGNATURE REQUEST
PRICE INCREASE DETAILS

Bid/Contract No: #41-001

Contract Name: Demand Services for Civil Engineering - Design Services for SR 365 Corridor Intersection & Widening Improvements

2450 Commerce Avenue | Suite 100
Duluth, GA 30096-8910
770.263.5945 | F 770.263.0166
oneatlas.com

March 26, 2024

Andy Penick
County Purchasing Manager
Hall County Government
2875 Brown Bridge Road
Gainesville, Georgia 30504

Re: Task Order Request #2024-027
Civil Engineering Design Services - Engineering Services for SR 365 Corridor – White Sulphur Road Intersection & Widening Improvements
Fee Proposal
Atlas Proposal #24-02977

Dear Mr. Penick,

Atlas Technical Consultants is pleased to submit, as requested, a fee proposal to provide professional design services for the SR 365 Corridor – White Sulphur Road intersection and widening improvement project. The cost for the professional design services listed in the task order is **$566,405**.

As requested, we are providing the cost for the following additional services not included in the task order scope of work: Traffic Study – **$10,400**, Environmental Screening – **$9,250**, Phase 1 Environmental Site Assessment – **$7,535**, and Pavement Evaluation – **$19,130**. We have meticulously detailed the scope for all remaining tasks in the attached document.

We understand that this project will be County-let and 100% LMIG funded. It is also our understanding that the County's current project concept consists of adding an additional 12-foot lane on White Sulphur Road of approximately 2,500 feet in length from SR 365 westbound to the proposed Port entrance; lengthening the existing White Sulphur Road left turn lanes both north and southbound onto SR 365, and add an additional left turn lane approximately 400 feet in length on SR 365 northbound onto White Sulphur Road westbound.

Our proposal assumes that the proposed improvements to White Sulphur Road will end before the railroad crossing, based on the County's current concept. Therefore, no railroad coordination or permitting has been included in our cost proposal.

Plans will be developed to meet current GDOT, County, AASHTO, and EPD guidelines. We assume this project will not require public involvement, such as a public hearing or public information meeting. We anticipate completing the following major plan development tasks as per the proposed task order:

- Pre-Design Services/Concept Development – Task 1
  - Survey
  - SUE Utility Location & Coordination
  - Geotechnical studies
  - Conceptual layout and cost estimates
- Engineering Design Service/ Preliminary, Right of Way & Final Plans – Task 2
  - Preliminary construction plan submission and approval
  - Right of way plan submission & approval
  - Final construction plan submission, plans specification, estimate and approval
  - GDOT, Hall County, and EPD Permit
- Bid and Construction Service – Task 3
  - Bid package preparation, project bidding, bid review, and recommendation

If you have any questions or need additional information, please do not hesitate to contact me at 770.530.9194.

Sincerely,

Todd I. Long, PE, PTOE
Southern States Hub Leader

cc: Adolfo Guzman, PE
Brad Hale, PE

SCOPE OF WORK

Pre-Design Services Items – Task 1

Atlas will provide professional engineering and survey services to develop construction documents for the SR 365 at the White Sulphur Road intersection and widening improvements project. The project consists of adding an additional 12-foot lane on White Sulphur Road of approximately 2,500 feet in length from SR 365 westbound to the proposed Port entrance, lengthening the existing White Sulphur Road left turn lanes both north and southbound onto SR 365 and adding an additional left turn lane approximately 400 feet in length on SR 365 northbound onto White Sulphur Road westbound.

Concept Development

The Atlas roadway design team will use innovative design techniques during the project's development to provide the safety, operations, and capacity required while meeting the needs of the County's traveling public and stakeholders.

After NTP and upon completion of the database, utility location, and geotechnical survey, we intend to develop the proposed concept layout and associated construction and ROW estimate for review and approval by the County. The proposed layout will be developed and evaluated from an engineering/public/environmental perspective, and it will address the project's needs and purpose and meet the area's mobility needs for the project.

Survey – Upon receiving NTP, we will begin work on this task. We will establish control throughout the project, with the horizontal control being referenced to NAD 1983 and the vertical control being tied to the NAVD 1988. The database will be prepared in OpenRoads. The expected boundary of the survey will extend as shown in the attached aerial photograph, Exhibit A. Our team will perform courthouse research, obtaining all available plats and deeds of all properties affected by the project. We will then compile a property owners' data file consisting of:

- Owners' names
- Owners' addresses
- Tax parcel numbers
- Land lot and district numbers
- Deed book and page numbers
- Plat book and page numbers
- Existing lot area

We will establish the following:

1. Locate and identify all existing surface-evident utility facilities, sanitary sewers, stormwater systems, drainage features, existing ground features, driveways, side streets, and any other planimetric structure essential to the project's design.
2. Locate right-of-way, property lines, and any other information necessary to design and obtain right-of-way and easements for the project.
3. Establish a centerline or baseline for all roadways and driveways. Stationing for the centerline or baseline of all roadways will be painted/pinned and identified.
4. Establish profile, as necessary, of all roadways, driveways, and surrounding terrain needed to design roadways, any detours to maintain traffic, design of major drainage structures, design of storm systems, detention, realignment of roads, etc.
5. Develop a horizontal and vertical control package.

Utility Location & Coordination – Our team will provide utility coordination and subsurface utility engineering (SUE) services, Level B and Level A, to determine accurate underground utility locations and assess utility conflicts for the project.

Geotechnical Investigation – Our team will perform all the necessary fieldwork investigations and lab analyses to develop the required project soil report.

Engineering Design Services – Task 2

Preliminary Construction Plans

Upon approval of the concept, our team will begin developing preliminary construction documents in accordance with Hall County and GDOT requirements. The horizontal and vertical alignments will be developed, taking into account property impacts, the existing terrain, and the constructability of the project. In addition, initial quantities and right-of-way footprint will be developed before the preliminary plan review and right-of-way plan submission. The following is a list of the basic tasks associated with the Preliminary Design of the project:

- Development of typical sections
- Development of proposed vertical and horizontal alignments
- Evaluation of existing drainage system and development of proposed design improvements
- Development of cross sections
- Preparation of staging and traffic control plans
- Preparation of signing and marking plans
- Preparation of retaining wall plans (if applicable)
- Preparation of pavement design
- Preparation of preliminary erosion control plan
- Establishment of preliminary right of way and construction easements
- Development of preliminary construction cost estimate
- QC/QA throughout the development of the preliminary construction documents
- Preliminary plan submittals, review and attend the PFPR

Right of Way Plans

After the successful completion and approval of the preliminary plans, our team will begin preparing the required right-of-way plans. Based on our preliminary review, we estimated that the project will impact approximately 22 parcels. For the 22 expected impacted parcels, right-of-way and easement takes will be established along with descriptions.

Final Construction Plans

After the final right-of-way plans have been submitted and approved by the County, our team will begin developing the final construction plans and construction documents needed to let the project. This will include preparing final construction cost estimates, special provisions, final utility coordination of proposed utilities, and obtaining all the necessary permits if applicable.

Bid and Construction Services – Task 3

Bid Process Phase

Atlas will prepare the corresponding bid documents, distribute plans and specifications to prequalified contractors, handle requests for clarifications, prepare the necessary bid addenda, handle bid opening, evaluate and tabulate bids and provide a recommendation of award letter.

Construction Administration

We will visit the project site once a month to verify that the project is being constructed in compliance with the design criteria specified in the construction plans and documents. We assumed 18 months of construction time. We will attend the kick-off meeting and construction progress meetings. We will also review field changes, change orders, pay applications, RFI, and shop drawings, and prepare the 7-day erosion control inspection letter as per EPD requirements.

Additional Services

1. **Traffic Studies & ICE Analysis**

   The traffic study will include a comprehensive traffic analysis of the intersection and approach roadways. The study would be a tool to validate the County's current concept plan improvements or to determine if additional improvements are needed to meet the County, traveling public, and stakeholder needs. The following tasks will be performed:

   - Collect existing traffic and accident data for the study area.
   - Conduct a capacity analysis of the intersection for Existing, Open Year, and Design Year.
   - Prepare a memorandum describing the findings of the study.
   - Prepare a GDOT ICE analysis for the intersection.

2. **Environmental Screening & Phase 1 Environmental Site Assessment**

   *Environmental Screening w*ill consist of the following activities:

   - Environmental survey to identify state or federally jurisdictional water resources.
   - Coordinate with the local issuing authority and or Georgia Environmental Protection Division to determine whether identified resources are considered buffered resources.
   - Phase 1 Environmental Site Assessment
   - Ground Penetrating Radar at cemetery locations

   Assumptions

   - Preliminary desktop screening did not identify waters of the US within the project area.
   - Environmental field surveys for ecology will be completed to verify the presence/absence of waters. If identified, waters of the US will be provided to design to incorporate into the plans.
   - No permits are anticipated.

3. **Pavement Evaluation**

   We will core the existing pavement to determine the potential resurfacing pavement design structure.

Exclusions

1. No environmental permitting or mitigation is included in the proposal. If permitting or mitigation is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
2. No Phase 2 ESA is included in the proposal. If a Phase 2 ESA is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
3. No right-of-way staking is included in the proposal. If Right of Way Staking is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.

BID FORM

Company Name: Atlas Technical Consultants LLC

Bidder's Name: Todd I. Long, PE, PTOE

Date: 3.26.2024

Bid Lump Sum Amount $ 566,405

Anticipated Completion Time: 18 months from NTP

Please see our letter for additional services pricing requested in Jorge Gomez's email of February 29, 2024.

Please sign below and return to apenick@hallcounty.org.

IN WITNESS WHEREOF, said Parties have hereunto affixed their signature and seal on the day, month, and year first above written:

Atlas Technical Consultants, LLC
(Contractor's Full Legal Corporate Name)

By: Todd Long

Title: Southern States Hub Leader

Print Name: Todd Long, PE, PTOE

Attestment: Adolfo Guzman

HALL COUNTY, GEORGIA

By: _____
Richard Higgins, Chairman
Hall County Board of Commissioners

Attestment: _____
Board of Commissioners Clerk

APPROVED AS TO FORM:

_____
County Attorney

Hall COUNTY

SR 365/ US 23 at White Sulphur Road

Intersection Improvements & Widening

Estimated Project Costs

26-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge	1	$200.00	$200.00	
Project Manager	69	$175.00	$12,075.00	
QAQC Senior Review Engineer – PE	1	$175.00	$175.00	
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer	136	$100.00	$13,600.00	
Design Technician / CAD Operator	400	$70.00	$28,000.00	
Senior Structural Designer – PE	160	$160.00	$25,600.00	
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE	55	$150.00	$8,250.00	
Landfill Engineer		$125.00		
Office Engineer	8	$100.00	$800.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**830**			**$88,700.00**
DATABASE				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE	1	$175.00	$175.00	
Survey Department Head – RLS	10	$150.00	$1,500.00	
Registered Land Surveyor	56	$100.00	$5,600.00	
2-Man Survey Crew	318	$110.00	$34,980.00	
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator	164	$70.00	$11,480.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer	24	$100.00	$2,400.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**573**			**$56,135.00**

PRELIMINARY ENGINEERING				
Principal in Charge		$200.00		
Project Manager	126	$175.00	$22,050.00	
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	310	$160.00	$49,600.00	
Roadway Design Engineer	1048	$100.00	$104,800.00	
Design Technician / CAD Operator	460	$70.00	$32,200.00	
Senior Structural Designer – PE		$160.00		
Structural Designer	40	$110.00	$4,400.00	
Senior Traffic Engineer / Signal Engineer – PE	28	$150.00	$4,200.00	
Traffic Signal Design Engineer – EIT	92	$100.00	$9,200.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer	15	$100.00	$1,500.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**2119**			**$227,950.00**
R/W PLANS PREPARARTION				
Principal in Charge		$200.00		
Project Manager	26	$175.00	$4,550.00	
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	28	$160.00	$4,480.00	
Roadway Design Engineer	120	$100.00	$12,000.00	
Design Technician / CAD Operator	40	$70.00	$2,800.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**214**			**$23,830.00**
FINAL ENGINEERING				
Principal in Charge		$200.00		
Project Manager	44	$175.00	$7,700.00	
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	172	$160.00	$27,520.00	
Roadway Design Engineer	452	$100.00	$45,200.00	
Design Technician / CAD Operator	240	$70.00	$16,800.00	
Senior Structural Designer – PE	24	$160.00	$3,840.00	
Structural Designer	16	$110.00	$1,760.00	

Senior Traffic Engineer / Signal Engineer – PE	11	$150.00	$1,650.00	
Traffic Signal Design Engineer – EIT	34	$100.00	$3,400.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer	25	$100.00	$2,500.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**1018**			**$110,370.00**
BID & CONSTRUCTION SERVICES				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	206	$160.00	$32,960.00	
Roadway Design Engineer	56	$100.00	$5,600.00	
Design Technician / CAD Operator	40	$70.00	$2,800.00	
Senior Structural Designer – PE	16	$160.00	$2,560.00	
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**318**			**$43,920.00**
Total Direct Labor				**$550,905.00**
2. Other Direct Costs (Specify)				
Plotting/Reproduction				$1,000.00
Travel/Mileage (Survey & SUE)				$4,100.00
Coring				$1,200.00
Drilling Rig				$4,000.00
Private Utility				$1,200.00
Laboratory				$4,000.00
Total Other Direct Costs				**$15,500.00**
3. Maximum Amount of Contract Proposal (1) + (2)				**$566,405.00**

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

MAN-HOUR ESTIMATE

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Road Design																									
Typical Sections		4							8	40	20														
Concept Dvelopment & Layout on Aerial Photo		24							40	120	40														
Construction Staging - Outline		8							24	40	20														
Utility Conflicts - Prelim. Analysis		8							8	40	40									8					
Concept Cost Estimate		8							8	40	20														
Drainage Design / Hydrology																									
Preliminary Analysis & Coordination		8							40	40	20														
Structural Design																									
Wall-Type Analysis		4							8	40															
Geotechnical																									
Soil Survey	1	5	1							40								55							
TOTALS	1	69	1						136	400	160							55		8					
DATABASE																									
Field Surveys, Property Research/Resolution/ROW Staking						238																			
Field Surveys, SUE			1	2		80														8					
Survey Data Reduction				8	56					134										8					
Subsurface Utility Engineering Database										30										8					
TOTALS			**1**	**10**	**56**	**318**				**164**										**24**					
PRELIMINARY ENGINEERING																									
Site Visits													4	4											
Road Design																									
Typical Sections		4						8	36	36															
Horizontal Geometry		8						20	120	20															
Roadway Profiles		8						12	80																
Intersection Sight Distance Calc's		4						4	40	24															
Cross Sections								4	40	8															
Driveway Profiles		2						10	32	20															
Staging Plans		8						40	100	40															
R/W and Constr. ESMT Limits		8						20	60	32															
Utility Plans (Existing Only)		8						8	20	60										15					
Traffic Engineering Design																									
Signing and Marking Plans (Prelim)													8	50											
Signal Plans (Prelim)													2	32											
Drainage Design / Hydrology																									

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

MAN-HOUR ESTIMATE

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
Roadway Drainage Design		8						20	120	20															
Drainage Profiles		4						16	60	40															
~~MS4 Analysis- Assume no MS 4~~																									
Erosion Control																									
BMP Plans (Per Stage)		8						20	120	40															
Sediment Basins (Calcs & Plans)																									
Structural Design																									
Preliminary Retaining Wall Design		16						36	80	32		40													
Preliminary Plan Preparation																									
Cover, Index, General Notes, Const Plans		4						20	40	40															
PVMT Design Analysis		4						12	40	16															
Prelim. Cost Estimate		8						20	20																
Plan Reviews																									
Quality Assurance Review(s)		8						32					4												
Preliminary Field Plan Review		8							8	8			8												
Address Review Comments		8						8	32	24			2	6											
TOTALS		**126**						**310**	**1048**	**460**		**40**	**28**	**92**						**15**					
R/W PLANS PREPARARTION																									
Plan Development																									
R/W Plan Preparation 22 Parcels		16						20	80	20															
Revisons		10						8	40	20															
TOTALS		**26**						**28**	**120**	**40**															
FINAL ENGINEERING																									
Project Management																									
Project Management / Administration																									
Coordination Meetings																									
Geotechnical																									
Soil Survey																									
Road Design																									
Final Plans Preparation		4						20	40	40															
Utility Plans & Conflict Resolution		8						20	40	40										25					
Quantities & Special Provisions		6						20	40	40															
Detailed Estimate / Cost Estimate		2						8	16																
Lighting Plans																									
Earthwork Calculations (Per Stage)		2						8	32																
Traffic Engineering Design																									
Signing & Marking Plans (Final)														16											
Signal Plans (Final)														6											

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

MAN-HOUR ESTIMATE

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
Misc. Sign Details														6											
Drainage Design / Hydrology																									
Final Drainage Analysis & Design		2						20	40	40															
Erosion Control																									
Finilize Erosion Control Plans		4						20	40	40															
Structural Design																									
Final Retaining Wall Design Plans		4						8	60	16		16													
Plan Reviews																									
Quality Assurance Review								40					2												
Final Field Plan Review		8							8				8												
Address Review Comments		4						8	40	24	24		1	6											
Bid Documents & Bidding																									
Preparation of Bid Documents									80																
Bid Review and Recommendations									16																
TOTALS		**44**						**172**	**452**	**240**	**24**	**16**	**11**	**34**						**25**					
CONSTRUCTION ADM & INSPECTION SERVICES																									
Project Site Visits Once a Month - Assume 18 Month Construction								80																	
Answer Design Questions during Construction								24																	
Attend Construction meeting to Address Design Issues								40																	
Revise Plans for Use-On Construction								8	24	40															
Prepare 7-day Erosion Control Inspection Letter								6																	
Review Field Chnages, Change Orders, Pay Application, RFI and Shop drawings								48	32		16														
TOTALS								**206**	**56**	**40**	**16**														
GRAND TOTALS	**1**	**265**	**2**	**10**	**56**	**318**		**716**	**1812**	**1344**	**200**	**56**	**39**	**126**				**55**		**72**					

SR 365/US 23 at White Sulphur Road
Widening & Intersection Improvements
Legend
SR 365/US 23 at Cagle Road
2500-ft x 150-ft or ROW to ROW whatever is greater
500-ft from ROW to ROW
800-ft from ROW to ROW
900-ft x 150-ft or ROW to ROW whatever is greater
22 parcels 80' to 180 ROW
SR 365/US 23 at White Sulphur Road
Durman Rd
Fowler Rd
White Sulphur Rd
Whitehall Rd
Livingston Rd
Gateway Center Pkwy
365
23
N
1000 ft

Exhibit A

Additional Services Fee Proposal

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

Traffic Studies & ICE Analysis
Estimated Project Costs

14-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator		$70.00		
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE	24	$150.00	$3,600.00	
Traffic Signal Design Engineer – EIT	52	$100.00	$5,200.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**76**			**$8,800.00**
Total Direct Labor				**$8,800.00**
2. Other Direct Costs (Specify)				
Traffic Counts				$1,600.00
Total Other Direct Costs				**$1,600.00**
3. Maximum Amount of Contract Proposal (1) + (2)				**$10,400.00**

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

MAN-HOUR ESTIMATE - TRAFFIC STUDIES & ICE ANALYSIS

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Traffic Studies																									
Data Collection													2	4											
Traffic Forecasting (ADT, DHV)													2	4											
Capacity Analysis (Synchro)													10	24											
ICE Analysis													10	20											
TOTALS													24	52											
GRAND TOTALS													**24**	**52**											

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

Environmental Screening
Estimated Project Costs

14-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator		$70.00		
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager	16	$125.00	$2,000.00	
Environmental Scientist (Ecologist, Historian, Archaeologist)	8	$100.00	$800.00	
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**24**			**$2,800.00**
Total Direct Labor				**$2,800.00**
2. Other Direct Costs (Specify)				
Plotting/Reproduction				
Travel/Mileage				$100.00
Ground Penetrating Radar (Cemetery)				$6,350.00
Total Other Direct Costs				**$6,450.00**
3. Maximum Amount of Contract Proposal (1) + (2)				**$9,250.00**

If it is determine that an environmental permit is require then the additional services will be provided & billed at the above applicable rates.

Hall COUNTY
SR 365/ US 23 at White Sulphur Road
Intersection Improvements & Widening

MAN-HOUR ESTIMATE FOR ENVIRONMENTA SCREENING

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Environmental																									
Environmental Surveys																8									
Preliminary Analysis & Coordination															16										
TOTALS															16	8									
GRAND TOTALS															**16**	**8**									

Hall COUNTY
SR 365/ US 23 at SR 52 Intersection
Intersection Improvements

Phase 1 Environmental Site Assesment
Estimated Project Costs

14-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge		$200.00		
Project Manager	2	$175.00	$350.00	
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator		$70.00		
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager	16	$125.00	$2,000.00	
Environmental Scientist (Ecologist, Historian, Archaeologist)	48	$100.00	$4,800.00	
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**66**			**$7,150.00**
Total Direct Labor				**$7,150.00**
2. Other Direct Costs (Specify)				
Plotting/Reproduction				$331.20
Travel/Mileage				$53.60
Total Other Direct Costs				**$384.80**
3. Maximum Amount of Contract Proposal (1) + (2)				**$7,534.80**

Hall COUNTY
SR 365/ US 23 at SR 52 Intersection
Intersection Improvements

MAN-HOUR ESTIMATE FOR PHASE 1 ESA

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Phase 1 ESA																									
Phase 1 ESA Ressource Surveys																8									
Phase 1 ESA Report		2													16	40									
TOTALS		2													16	48									
GRAND TOTALS		**2**													**16**	**48**									

Hall COUNTY
SR 365/ US 23 at SR 52 Intersection
Intersection Improvements

Pavement Evaluation
Estimated Project Costs

14-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE	6	$175.00	$1,050.00	
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator	24	$70.00	$1,680.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)	24	$100.00	$2,400.00	
Senior Geotechnical Engineer – PE	40	$150.00	$6,000.00	
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**94**			**$11,130.00**
Total Direct Labor				**$11,130.00**
2. Other Direct Costs (Specify)				
Plotting/Reproduction				
Travel/Mileage				$600.00
Coring (16 cores)				$2,400.00
Traffic Control				$5,000.00
Total Other Direct Costs				**$8,000.00**
3. Maximum Amount of Contract Proposal (1) + (2)				**$19,130.00**

Hall COUNTY
SR 365/ US 23 at SR 52 Intersection
Intersection Improvements

MAN-HOUR ESTIMATE FOR PAVEMENT EVALUATION

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
PAVEMENT EVALUATION																									
Existing Pavement Evaluation			6							24							24	40							
TOTALS			6							24							24	40							
GRAND TOTALS			**6**							**24**							**24**	**40**							

2450 Commerce Avenue | Suite 100
Duluth, GA 30096-8910
770.263.5945 | F 770.263.0166
oneatlas.com

March 26, 2024

Andy Penick
County Purchasing Manager
Hall County Government
2875 Brown Bridge Road
Gainesville, Georgia 30504

Re: Task Order #2024-029
Civil Engineering Design Services - Engineering Services for
SR 365 Corridor – Cagle Road Intersection Improvements
Fee Proposal
Atlas Proposal #24-02975

Dear Mr. Penick,

Atlas Technical Consultants is pleased to submit, as requested, a fee proposal to provide professional design services for the SR 365 Corridor – Cagle Road intersection improvement project. The cost for the professional design services listed in the task order is **$207,585.**

As requested, we are providing the cost for the following additional services not included in the task order scope of work: Traffic Study – **$10,400** and Environmental Screening – **$2,900**. We have meticulously detailed the scope for all remaining tasks in the attached document.

We understand that this project will be County-let and 100% LMIG funded. It is also our understanding that the county's current project concept consists of installing concrete islands outside of SR 365 travel lanes, converting the full access approach from Cagle Road to a right-turn-only condition. A concrete median with striping will be installed in the center of the intersection, allowing for left-turn access onto Cagle Road from SR 365 but eliminating straight or left-turn access from Cagle Road. An additional "U-Turn" lane will also be installed inside the median of SR 365, approximately 0.18 miles south of the Cagle Road Intersection.

Plans will be developed to meet current GDOT, County, AASHTO, and EPD guidelines. We assume this project will not require right of way or public involvement, such as a public hearing or public information meeting. We anticipate completing the following major plan development tasks as per the proposed task order:

- Pre-Design Services/Concept Development – Task 1
  - Survey
  - SUE Utility Location & Coordination

- Geotechnical studies
- Conceptual layout and cost estimates

- Engineering Design Service/ Preliminary, Final Plans – Task 2
  - Preliminary construction plan submission & approval
  - Final construction plan submission, plans specification, estimate and approval
  - GDOT, Hall County, and EPD Permit
- Bid and Construction Service – Task 3
  - Bid package preparation, project bidding, bid review, and recommendation

If you have any questions or need additional information, please do not hesitate to contact me at 770.530.9194.

Sincerely,

Todd I. Long, PE, PTOE
Southern States Hub Leader

cc: Adolfo Guzman, PE
Brad Hale, PE

SCOPE OF WORK

Pre-Design Services Items – Task 1

Atlas will provide professional engineering and survey services to develop construction documents for the SR 365 at Cagle Road intersection improvements project. The project involves installing concrete islands outside SR 365 travel lanes, converting the full access approach from Cagle Road to a right-turn-only condition. A concrete median with striping will be installed in the center of the intersection, allowing left-turn access onto Cagle Road from SR 365 but eliminating straight or left-turn access from Cagle Road. An additional "U-Turn" lane will also be installed inside the median of SR 365, approximately 0.18 miles south of the Cagle Road intersection.

Concept Development

The Atlas roadway design team will use innovative design techniques during the project's development to provide the safety, operations, and capacity required while meeting the needs of the County's traveling public and stakeholders.

After NTP and upon completion of the database, utility location, and geotechnical survey, we intend to develop a proposed concept layout and associated construction estimate for review and approval by the county. The proposed layout will be developed and evaluated from an engineering/public/environmental perspective, and it will address the project's needs and purpose and meet the area's mobility needs for the project.

Survey – Upon receiving NTP, we will begin work on this task. We will establish control throughout the project, with the horizontal control being referenced to NAD 1983 and the vertical control being tied to the NAVD 1988. The database will be prepared in Open Roads. The expected boundary of the survey will extend as shown in the attached aerial photograph, Exhibit A. Our team will perform courthouse research, obtaining all available plats and deeds of all properties affected by the project. We will then compile a property owners' data file consisting of:

- Owners' names
- Owners' addresses
- Tax parcel numbers
- Land lot and district numbers
- Deed book and page numbers
- Plat book and page numbers
- Existing lot area

We will establish the following:

1. Locate and identify all existing surface-evident utility facilities, sanitary sewers, stormwater systems, drainage features, existing ground features, driveways, side streets, and any other planimetric structure essential to the project's design.
2. Locate right-of-way, property lines, and any other information necessary to design and obtain right-of-way and easements for the project.
3. Establish a centerline or baseline for all roadways and driveways. Stationing for the centerline or baseline of all roadways will be painted/pinned and identified.
4. Establish profile, as necessary, of all roadways, driveways, and surrounding terrain needed to design roadways, any detours to maintain traffic, design of major drainage structures, design of storm systems, detention, realignment of roads, etc.
5. Develop a horizontal and vertical control package.

Utility Location & Coordination – Our team will provide utility coordination and subsurface utility engineering (SUE) services, Level B and Level A, to determine accurate underground utility locations and assess utility conflicts for the project.

Geotechnical Investigation – Our team will perform all the necessary fieldwork investigations and lab analyses to develop the required project soil report.

Engineering Design Services – Task 2

Preliminary Construction Plans

Upon approval of the concept, our team will begin developing preliminary construction documents in accordance with Hall County and GDOT requirements. The horizontal and vertical alignments will be developed, taking into account the existing terrain and constructability of the project. Based on our preliminary review and the County's current concept, we do not expect the need for any right of way, construction easement, or environmental permits for this project. The following is a list of the basic tasks associated with the preliminary design of the project:

- Development of typical sections
- Development of proposed vertical and horizontal alignments
- Evaluation of existing drainage system and development of proposed design improvements
- Development of cross sections
- Preparation of staging and traffic control plans
- Preparation of signing and marking plans
- Preparation of pavement design
- Preparation of preliminary erosion control plan
- Development of preliminary construction cost estimate
- QC/QA throughout the development of the preliminary construction documents
- Preliminary plan submittals, review and attend the PFPR

Final Construction Plans

After the final preliminary plans have been submitted and approved by the County, our team will begin developing the final construction plans and construction documents needed to let the project. This will include preparing final construction cost estimates, special provisions, final utility coordination of proposed utilities, and obtaining all the necessary permits if applicable.

Bid and Construction Services – Task 3

Bidding Process

Atlas will prepare the corresponding bid documents, distribute plans and specifications to prequalified contractors, handle requests for clarifications, prepare the necessary bid addenda, handle bid opening, evaluate and tabulate bids and provide a recommendation of award letter.

Construction Administration

We will visit the project site once a month to verify that the project is being constructed in compliance with the design criteria specified in the construction plans & documents. We assumed 6 months of construction time. We will attend the Kick-off meeting and construction progress meetings. We will also review field changes, change orders, pay applications, RFI, and shop drawings and prepare the 7-day erosion control inspection letter as per EPD requirements.

Additional Services

1. **Traffic Studies & ICE Analysis**

   The traffic study will include a comprehensive traffic analysis of the intersection and approach roadways. The study would be a tool to validate the County's current concept plan improvements or to determine if additional improvements are needed to meet the County, traveling public and stakeholder needs. The following tasks will be performed:

   - Collect existing traffic and accident data for the study area.
   - Conduct a capacity analysis of the intersection for Existing, Open Year, and Design Year.
   - Prepare a memorandum describing the findings of the study.
   - Prepare a GDOT ICE analysis for the intersection.

2. **Environmental Screening**

   *Environmental Screening w*ill consist of the following activities:

   - Environmental survey to identify state or federally jurisdictional water resources.
   - Coordinate with the local issuing authority and/or Georgia Environmental Protection Division to determine whether identified resources are considered buffered resources.

   Assumptions

   - Preliminary desktop screening did not identify waters of the US within the project area.
   - Environmental field surveys for ecology will be completed to verify the presence/absence of waters. If identified, waters of the US will be provided to design to incorporate into the plans.
   - No permits are anticipated.

Exclusions

1. No right-of-way plan or right-of-way plat preparation is included in the proposal, as we assume this project will not require any right-of-way. If right-of-way plans are needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
2. No environmental permitting or mitigation is included in the proposal. If permitting or mitigation is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
3. No Phase 1 ESA or Phase 2 ESA are included in the proposal. If a Phase 1 ESA & Phase 2 ESA are needed, these will be considered additional work which will be provided and billed at the agreed-upon contract rates.

BID FORM

Company Name: Atlas Technical Consultants LLC

Bidder's Name: Todd I. Long, PE, PTOE

Date: 3.26.2024

Bid Lump Sum Amount $ 207,585

Anticipated Completion Time: 10 months from NTP

Please see our letter for additional services pricing requested in Jorge Gomez's email of February 29, 2024.

Please sign below and return to apenick@hallcounty.org.

IN WITNESS WHEREOF, said Parties have hereunto affixed their signature and seal on the day, month, and year first above written:

Atlas Technical Consultants, LLC
(Contractor's Full Legal Corporate Name)

By: Todd Long

Title: Southern States Hub Leader

Print Name: Todd I Long, PE, PTOE

Attestment: Adolfo Guzman

HALL COUNTY, GEORGIA

By: _____
Richard Higgins, Chairman
Hall County Board of Commissioners

Attestment: _____
Board of Commissioners Clerk

APPROVED AS TO FORM:

_____
County Attorney

Hall COUNTY

SR 365/ US 23 at Cagle Road Intersection

Intersection Improvements

Estimated Project Costs

26-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge	1	$200.00	$200.00	
Project Manager	14	$175.00	$2,450.00	
QAQC Senior Review Engineer – PE	1	$175.00	$175.00	
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE	12	$120.00	$1,440.00	
Senior Roadway Design Engineer – PE	14	$160.00	$2,240.00	
Roadway Design Engineer	96	$100.00	$9,600.00	
Design Technician / CAD Operator	84	$70.00	$5,880.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE	16	$150.00	$2,400.00	
Landfill Engineer		$125.00		
Office Engineer	10	$100.00	$1,000.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**248**			**$25,385.00**
DATABASE				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE	1	$175.00	$175.00	
Survey Department Head – RLS	8	$150.00	$1,200.00	
Registered Land Surveyor	47	$100.00	$4,700.00	
2-Man Survey Crew	190	$110.00	$20,900.00	
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator	100	$70.00	$7,000.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer	9	$100.00	$900.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**355**			**$34,875.00**

PRELIMINARY ENGINEERING				
Principal in Charge		$200.00		
Project Manager	33	$175.00	$5,775.00	
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	88	$160.00	$14,080.00	
Roadway Design Engineer	278	$100.00	$27,800.00	
Design Technician / CAD Operator	200	$70.00	$14,000.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE	12	$150.00	$1,800.00	
Traffic Signal Design Engineer – EIT	34	$100.00	$3,400.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer	5	$100.00	$500.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**650**			**$67,355.00**
R/W PLANS PREPARATION				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator		$70.00		
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL				
FINAL ENGINEERING				
Principal in Charge		$200.00		
Project Manager	8	$175.00	$1,400.00	
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	60	$160.00	$9,600.00	
Roadway Design Engineer	244	$100.00	$24,400.00	
Design Technician / CAD Operator	96	$70.00	$6,720.00	
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		

Senior Traffic Engineer / Signal Engineer – PE	7	$150.00	$1,050.00	
Traffic Signal Design Engineer – EIT	14	$100.00	$1,400.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer	10	$100.00	$1,000.00	
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**439**			**$45,570.00**
BID & CONSTRUCTION SERVICES				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE	116	$160.00	$18,560.00	
Roadway Design Engineer	40	$100.00	$4,000.00	
Design Technician / CAD Operator	24	$70.00	$1,680.00	
Senior Structural Designer – PE	16	$160.00	$2,560.00	
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT	20	$100.00	$2,000.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**216**			**$28,800.00**
Total Direct Labor				**$201,985.00**

2. Other Direct Costs (Specify)	
Plotting/Reproduction	$1,000.00
Travel/Mileage (Survey & SUE)	$2,400.00
Coring	$1,200.00
Laboratory	$1,000.00
Total Other Direct Costs	**$5,600.00**
3. Maximum Amount of Contract Proposal (1) + (2)	**$207,585.00**

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

MAN-HOUR ESTIMATE

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Road Design																									
Typical Sections		1						2	8	12															
Concept Dvelopment & Layout on Aerial Photo		2						2	32	32															
Construction Staging - Outline		1						2	24																
Utility Conflicts - Prelim. Analysis		1						2	8	12										10					
Concept Cost Estimate		2						4	12	8															
Drainage Design / Hydrology																									
Preliminary Analysis & Coordination		2						2	12	8															
Structural Design																									
Wall-Type Analysis																									
Geotechnical																									
Soil Survey	1	5	1				12			12								16							
TOTALS	1	14	1				12	14	96	84								16		10					
DATABASE																									
Field Surveys, Property Research/Resolution/ROW Staking						190																			
Field Surveys, SUE)			1	2																3					
Survey Data Reduction				6	47					100										3					
Subsurface Utility Engineering Database																				3					
TOTALS			**1**	**8**	**47**	**190**				**100**										**9**					
PRELIMINARY ENGINEERING																									
Site Visits													4	4											
Road Design																									
Typical Sections		2						4	12	12															
Horizontal Geometry		8						4	36	12															
Roadway Profiles		4						4	24	24															
Intersection Sight Distance Calc's																									
Cross Sections		2						4	40	32															
Driveway Profiles																									
Staging Plans		4						4	16	12															
R/W and Constr. ESMT Limits																									
Utility Plans (Existing Only)		2						2	8	16										5					
Traffic Design																									
Signing and Marking Plans (Prelim)													2	24											
Drainage Design / Hydrology																									
Roadway Drainage Design		2						4	16	16															

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

MAN-HOUR ESTIMATE

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
Drainage Profiles		1						4	12	12															
MS4 Analysis- EXEMPTION -		2						8	30																
Erosion Control																									
BMP Plans (Per Stage)		4						8	40	24															
Sediment Basins (Calcs & Plans)																									
Structural Design																									
Retaining Wall Envelopes																									
Preliminary Plan Preparation																									
Cover, Index, General Notes, Const Plans								2	8	16															
~~PVMT Design Analysis - N/A~~																									
Prelim. Cost Estimate		2						8	12	8															
Plan Reviews																									
Quality Assurance Review(s)								16					2												
Preliminary Field Plan Review								8	8				4	4											
Address Review Comments								8	16	16				2											
TOTALS		**33**						**88**	**278**	**200**			**12**	**34**						**5**					
R/W PLANS PREPARATION																									
Plan Development																									
~~R/W Plan Preparation~~																									
~~Revisons~~																									
TOTALS																									
FINAL ENGINEERING																									
Road Design																									
Final Plans Preparation		2						4	24	24															
Utility Plans & Conflict Resolution		2						4	12	12										10					
Quantities & Special Provisions		2						4	16	8															
Detailed Estimate / Cost Estimate		2						4	12																
~~Lighting Plans - N/A~~																									
~~Earthwork Calculations (Per Stage) - N/A~~																									
Traffic Design																									
Signing & Marking Plans (Final)														8											
Misc. Sign Details														4											
Drainage Design / Hydrology																									
Final Drainage Analysis & Design								4	12	12															
Erosion Control																									
Finilize Erosion Control Plans								4	40	24															
Structural Design																									
Final Retaining Wall Plans																									
Plan Reviews																									

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

MAN-HOUR ESTIMATE

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
Quality Assurance Review								24					2												
Final Field Plan Review								8	8				4												
Address Review Comments								4	24	16			1	2											
Bid Documents & Bidding																									
Preparation of Bid Documents									80																
Bid Review and Recommendations									16																
TOTALS		**8**						**60**	**244**	**96**			**7**	**14**						**10**					
CONSTRUCTION ADMINISTRATION																									
Project Site Visits Once a Month - Assume 6 Months Construction								30																	
Answer Design Questions during Construction								16						4											
Attend Construction meeting to Address Design Issues								24						4											
Revise Plans for Use-On Construction								8	16	24				4											
Prepare 7-day Erosion Control Inspection Letter								6																	
Review Field Chnages, Change Orders, Pay Application, RFI and Shop drawings								32	24		16			8											
TOTALS								**116**	**40**	**24**	**16**			**20**											
GRAND TOTALS	**1**	**55**	**2**	**8**	**47**	**190**	**12**	**278**	**658**	**504**	**16**		**19**	**68**				**16**		**34**					

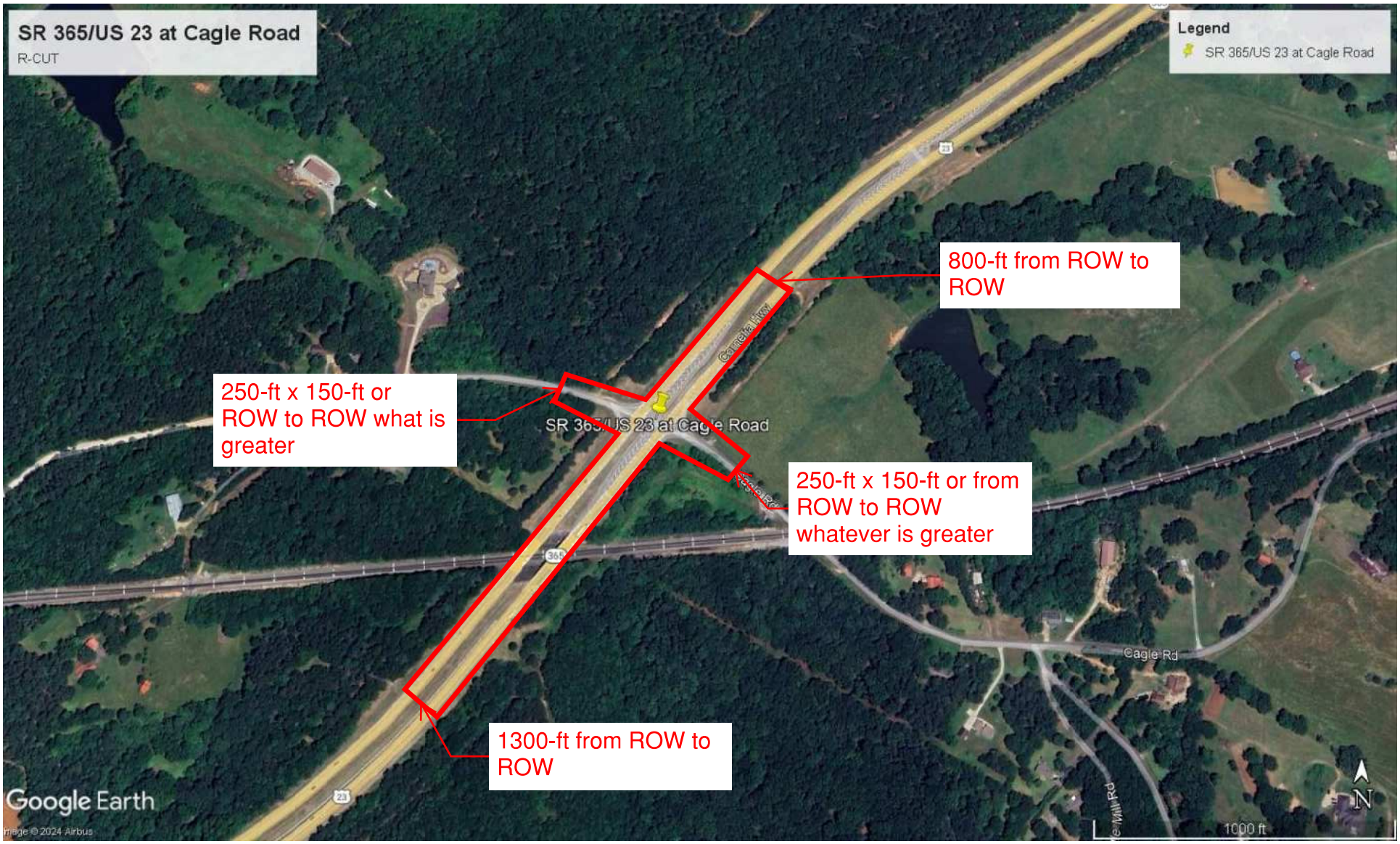
SR 365/US 23 at Cagle Road
R-CUT
Legend
SR 365/US 23 at Cagle Road
800-ft from ROW to ROW
250-ft x 150-ft or ROW to ROW what is greater
250-ft x 150-ft or from ROW to ROW whatever is greater
1300-ft from ROW to ROW
Cagle Rd
Google Earth
1000 ft
N

Exhibit A

Additional Services Fee Proposal

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

Traffic Studies & ICE Analysis
Estimated Project Costs

14-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator		$70.00		
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE	24	$150.00	$3,600.00	
Traffic Signal Design Engineer – EIT	52	$100.00	$5,200.00	
Environmental Manager		$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		$100.00		
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**76**			**$8,800.00**
Total Direct Labor				**$8,800.00**
2. Other Direct Costs (Specify)				
Traffic Counts				$1,600.00
Total Other Direct Costs				**$1,600.00**
3. Maximum Amount of Contract Proposal (1) + (2)				**$10,400.00**

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

MAN-HOUR ESTIMATE - TRAFFIC STUDIES & ICE ANALYSIS

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Traffic Studies																									
Data Collection													2	4											
Traffic Forecasting (ADT, DHV)													2	4											
Capacity Analysis (Synchro)													10	24											
ICE Analysis													10	20											
TOTALS													24	52											
GRAND TOTALS													**24**	**52**											

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

Environmental Screening
Estimated Project Costs

14-Mar-24

ATLAS TECHNICAL CONSULTANTS

1. Direct Labor (Specify)				
Personnel	**Est Hours**	**Rate/Hr**	**Est. Cost ($)**	**Totals**
CONCEPT				
Principal in Charge		$200.00		
Project Manager		$175.00		
QAQC Senior Review Engineer – PE		$175.00		
Survey Department Head – RLS		$150.00		
Registered Land Surveyor		$100.00		
2-Man Survey Crew		$110.00		
Site / Hydro / Stormwater Engineer – PE		$120.00		
Senior Roadway Design Engineer – PE		$160.00		
Roadway Design Engineer		$100.00		
Design Technician / CAD Operator		$70.00		
Senior Structural Designer – PE		$160.00		
Structural Designer		$110.00		
Senior Traffic Engineer / Signal Engineer – PE		$150.00		
Traffic Signal Design Engineer – EIT		$100.00		
Environmental Manager	16	$125.00	$2,000.00	
Environmental Scientist (Ecologist, Historian, Archaeologist)	8	$100.00	$800.00	
Geologist (landfill, groundwater)		$100.00		
Senior Geotechnical Engineer – PE		$150.00		
Landfill Engineer		$125.00		
Office Engineer		$100.00		
Public Information Coordinator		$75.00		
Secretary / Administrative Assistant		$55.00		
TOTAL	**24**			**$2,800.00**
Total Direct Labor				**$2,800.00**
2. Other Direct Costs (Specify)				
Plotting/Reproduction				
Travel/Mileage				$100.00
Total Other Direct Costs				**$100.00**
3. Maximum Amount of Contract Proposal (1) + (2)				**$2,900.00**

If it is determine that an environmental permit is require then the additional services will be provided & billed at the above applicable rates.

Hall COUNTY
SR 365/ US 23 at Cagle Road Intersection
Intersection Improvements

MAN-HOUR ESTIMATE FOR ENVIRONMENTAL SCREENING

Task Description	Principal-in-Charge	Project Manager	QAQC Senior REview Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant			
CONCEPT																									
Environmental																									
Environmental Surveys															8	8									
Preliminary Analysis & Coordination															8										
TOTALS															16	8									
GRAND TOTALS															**16**	**8**									

4/10/2024

Bid Tabulation Summary for
Civil Engineering Design Services - Engineering Services for SR 365 Corridor

TASK ORDER 2024-027	**White Sulphur Road Intersection & Widening**	
Bidders	ATLAS	Hussey Gay Bell
Location	DULUTH, GA	DULUTH, GA
Best & Final Offer Bids	$ 612,720.00	$ 344,725.00

TASK ORDER 2024-029	**Cagle Road Intersection Improvements**	
Bidders	ATLAS	Hussey Gay Bell
Location	DULUTH, GA	DULUTH, GA
Best & Final Offer Bids	$ 220,885.00	$ 286,665.00

Totals for both projects	$ 833,605.00	$ 631,390.00

Task Orders Sent	3
Bids Received	2
No Bids	1 (CPL)

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 227/2024

SUBJECT: Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the Cagle Road Roadway Improvement Project between November 15, 2022 and May 5, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: BN

Recommendation:
Approve.

Purpose of Request:
Approval and authorization for the Chairman to execute a Resolution ratifying all land acquisitions for the Department of Public Works and Utilities' projects from November 15, 2022 through May 5, 2024, and any and all documents necessary to effectuate the land acquisition, subject to approval by the County Attorney.

History:
Hall County is in the process of acquiring land for the Cagle Road Roadway Improvement Project and other public works projects, and it is necessary that previously-approved land acquisitions be ratified by the Board of Commissioners during a public meeting in order to place the land acquisitions on the County's Minutes.

Facts and Issues:
Hall County Department of Public Works and Utilities intends to periodically place land acquisition matters on the Board's agenda in order to complete the process necessary for such land acquisitions.

Options:
For the Board's convenience, all land acquisitions for the period in question will be considered for ratification instead of considering each land acquisition individually.

Funding Requested	$ 152,762.00
Are funds within current budget?	Yes
Source of Funds	SPLOST VII
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes
Has it been reviewed by the County Attorney?	Yes

Is there a deadline for this item?

Approvals:

Submit	Approve	Budget	Finance
JG	JG	EW	TS

Attorney	Administration	Clerk
WLI	CR	JR

Attachments:

Financial Supplement
Resolution

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 227/2024

Funds Requested: $ 152,762.00

Request Budgeted: Yes

Proposed Source of Funding:

SPLOST VII

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2024	323-SPLOST VII	4971-ENGINEERING	541100-LAND	$152,762.00

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: BN

Phone:

RESOLUTION

A RESOLUTION TO RATIFY AND AFFIRM ALL ACTIONS TAKEN THUS FAR IN FURTHERANCE OF THE CAGLE ROAD IMPROVEMENTS PROJECT AND FOR SUCH OTHER PURPOSES.

WHEREAS, said Cagle Road Improvements Project (the "Project") is located in Hall County, Georgia, and consists of roadway improvements and some realignment to increase the safety and resurfacing of the existing gravel portion of the road, west of the existing railroad, with 12' wide lanes in both directions along with sight distance improvements and upgrades to the guardrail placement; and

WHEREAS, the Project will begin at the Eli Jackson Road and Cagle Road intersection and will extend northeast approximately 1.25 miles to the Cornelia Highway and Cagle Road intersection; and

WHEREAS, the parcels set forth in Exhibit A have been settled and resolved, said parcels are denoted on the plans for the Project, and are identified in Exhibit A attached hereto and made a part hereof, which details the parcel number, property owner, property address, purchase amount, housing supplement, moving expenses, closing costs, or additional costs; and

WHEREAS, the Board desires to ratify, approve, and affirm all actions taken by the County Attorney, outside counsel retained by the County Attorney, the Chief Engineer, Croy, Stewart, Melvin, and Frost, LLP ("SMF") and any other agents of the County acting under the direction of the County Attorney and/or the Chief Engineer to affect the purchase and/or negotiated settlement of the parcels as denoted on Exhibit A;

NOW, THEREFORE, BE IT RESOLVED by the Board, in regular session, as the managing and controlling body of the County, and it is hereby resolved by authority of the same as follows:

Section 1. All actions taken on behalf of the County by the County Attorney, any outside counsel retained by the County Attorney, Chief Engineer, Hall County Public Works, Croy, SMF, and other agents of the County acting under the direction of the County Attorney or the Chief Engineer in furtherance of the Project prior to the effective date of this Resolution, including the purchase of the parcels and the negotiated settlement of parcels set forth on Exhibit A, are hereby approved, ratified, and affirmed.

Section 2. The Board hereby approves, ratifies, and affirms the acquisition of any other interests in property necessary and proper for the construction of the Project which may have been acquired or have a negotiated settlement prior to the effective date of this Resolution.

Section 3. The Board hereby authorizes SMF and/or the Director of Public Works, or his designee, to execute any and all documents necessary to effectuate the property acquisitions which are ratified in this Resolution.

Section 4. If any paragraph, subparagraph, sentence, clause, phrase, or any portion of this

Resolution shall be declared invalid or unconstitutional by any court of competent jurisdiction or if the provisions of any part of this Resolution as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be construed to affect the portions of this Resolution not so held to be invalid. It is hereby declared to be the intent of the Board to provide for separable and divisible parts, and it does hereby adopt any and all parts hereof as may not be held invalid for any reason.

This Resolution is adopted in regular session of the Board, this ____ day of _____, 2024, to become effective immediately upon its execution, the public health, safety, and general welfare demanding it.

HALL COUNTY BOARD OF COMMISSIONERS

_____
Richard Higgins, Chairman

_____
Commissioner, District 1
Kathy Cooper

_____
Commissioner, District 2
Billy Powell

_____
Commissioner, District 3
Gregg Poole

_____
Commissioner, District 4
Jeff Stowe

_____
ATTEST:
Jennifer Rivera, Clerk

Approved as to form:

_____
County Attorney
William J. Linkous, III

GEORGIA, HALL COUNTY.

I, JENNIFER RIVERA, do hereby certify that I am the Clerk of the Board of Hall County, Georgia.

I further certify that the foregoing pages constitute a true, correct, and exact copy of a Resolution passed by the Board on _____, 2024, and that the original of said Resolution is on file in the Hall County Commission Office, Hall County Government Center, 2875 Browns Bridge Road, Gainesville, Georgia 30504.

Given under my hand and seal of Hall County, Georgia this _____ day of _____, 2024.

_____
JENNIFER RIVERA
Clerk of the Board of
Hall County, Georgia.

(SEAL OF HALL COUNTY)

4869-1725-8621, v. 1

EXHIBIT A

Parcel Number	Owner Information	Amount	Housing Supplement	Moving Expenses	Closing Cost / Other
011C	William H Janess 4193 Cagle Rd	$2,977.00	N/A	N/A	N/A
013C	Eric B Oliver 4203 Cagle Rd	$2,141.00	N/A	N/A	N/A
014C	Sunny L Chan & Oi-Hung Chan 4209 Cagle Rd	$1,000.00	N/A	N/A	N/A
015C	James Donaldson Jr, & Julie Donaldson 4215 Cagle Rd	$4,139.00	N/A	N/A	N/A
016C	Joseph D Farrell Jr & Gloria A Farrell 4219 Cagle Rd	$2,774.00	N/A	N/A	N/A
018C	Peter C M Lam 4225 Cagle Rd	$3,000.00	N/A	N/A	N/A
019C	Richard C Lackey & Jo B Lackey 4231 Cagle Rd	$3,138.00	N/A	N/A	N/A
020C	Richard C Lackey & Jo B Lackey 4231 Cagle Rd	$2,791.00	N/A	N/A	N/A
021C	Lula Lake Investments LLC 4229 Oak Lake Dr	$5,000.00	N/A	N/A	N/A
022C	Lula Lake Investments LLC 4218 Oak Lake Dr	$2,000.00	N/A	N/A	N/A
023C	Tmothy A Blackwell & Jenna M Blackwell 4345 McEachern Dr	$6,250.00	N/A	N/A	N/A
025C/026C	Georgia Transmission Corp 4226 Cagle Rd.	$1,000.00	N/A	N/A	N/A
027C	The Estate of Zuher Mohamed Naib Executors: Samir Allen Naib, Farid Ahmed Naib & Dean Sallah Naib 4285 Cagle Rd.	$13,296.00	N/A	N/A	N/A
028C	GT Foundation 4401 Cagle Rd.	$15,775.00	N/A	N/A	N/A
029C	GT Foundation 4401 Cagle Rd.	$10,100.00	N/A	N/A	N/A
033C	Willie Allen Miller & Paulann Miller 4530 Cagle Rd.	$1,000.00	N/A	N/A	N/A

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 226/2024

SUBJECT: Approval and authorization for the Board of Commissioners to execute a resolution to ratify and affirm all actions taken in furtherance of the White Sulphur Road Realignment Project between November 15, 2022 and May 5, 2024, and authorize the execution of any and all documents necessary to effectuate the ratification and affirmation, subject to review and approval by the County Attorney.

Meetings:

Work Session Date: 05/06/24

Voting Meeting Date: 05/08/24

Executive Summary:

Presenter: BN

Recommendation:
Approval.

Purpose of Request:
Approval and authorization for the Chairman to execute a Resolution ratifying all land acquisitions for the Department of Public Works and Utilities' projects from November 15, 2022 through May 5, 2024, and any and all documents necessary to effectuate the land acquisition, subject to approval by the County Attorney.

History:
Hall County is in the process of acquiring land for the White Sulphur Road Realignment Project and other public works projects, and it is necessary that previously-approved land acquisitions be ratified by the Board of Commissioners during a public meeting in order to place the land acquisitions on the County's Minutes.

Facts and Issues:
Hall County Department of Public Works and Utilities intends to periodically place land acquisition matters on the Board's agenda in order to complete the process necessary for such land acquisitions.

Options:
For the Board's convenience, all land acquisitions for the period in question will be considered for ratification instead of considering each land acquisition individually.

Funding Requested	$ 1,951,500.00
Are funds within current budget?	Yes
Source of Funds	SPLOST VII
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	Yes

Has it been reviewed by the County Attorney? Yes
Is there a deadline for this item?

Approvals:

Submit	Approve	Budget	Finance
JG	JG	EW	TS

Attorney	Administration	Clerk
WLI	CR	JR

Attachments:

Financial Supplement
Resolution

HALL COUNTY BOARD OF COMMISSIONERS
FINANCIAL SUPPLEMENT REPORT

AGENDA ITEM 226/2024

Funds Requested: $ 1,951,500.00

Request Budgeted: Yes

Proposed Source of Funding:

SPLOST VII

Budget Transfer Requested:

No

Funding Source Items:

Fiscal Year	Fund	Division	Account	Amount
2024	323-SPLOST VII	4971-ENGINEERING	541100-LAND	$1,781,200.00
2023	323-SPLOST VII	4971-ENGINEERING	541100-LAND	$170,300.00

Budget Transfer Items:

Additional Information/Comments:

Contact for Questions: BN

Phone:

RESOLUTION

A RESOLUTION TO RATIFY AND AFFIRM ALL ACTIONS TAKEN THUS FAR IN FURTHERANCE OF THE WHITE SULPHUR ROAD REALIGNMENT PROJECT AND FOR SUCH OTHER PURPOSES.

WHEREAS, said White Sulphur Road Realignment Project (the "Project") is located in the 9th Land District and Tom Bell G.M.D. 1695 of Hall County, Georgia, and consists of the realigning White Sulphur Road; and

WHEREAS, the Project will involve approximately 3,900 LF roadway to shift east of the railroad and will include a 12' wide lane in both directions (24' total width) along with 30" curb and gutter on each side. A left turn lane will be provided at the tie-in on the south end of the project to provide a separate lane for traffic continuing northwest across the railroad tracks. The realignment will include lighting (every 250'). The pavement detail for the roadway will be an asphalt pavement (2" asphalt surface course, 4" asphalt binder course and 8" graded aggregate base course); and

WHEREAS, the project will also involve modifications to the existing roadways converging at the north end of the project to account for potential elimination of the railroad crossing. On the west side of the railroad tracks, realignment of the existing White Sulphur Road is needed to connect into Cagle Road to continue in a northern direction west of the railroad and transitioning Big Oak Road into that alignment; and

WHEREAS, the Hall County Administration awarded the project described in the RFP to Croy Engineering, LLC ("Croy") and contracted with Croy Engineering, LLC ("Croy") for Croy to act as the County's agent and negotiate and coordinate the acquisition of the parcels and easements necessary for the completion of the Project on behalf of the County, with the requisition being submitted on November 9, 2022 and the Purchase Order (No. 433130) was issued on November 15, 2022 (collectively, the "Croy Award"); and

WHEREAS, the parcels set forth in Exhibit A have been settled and resolved, said parcels are denoted on the plans for the Project, and are identified in Exhibit A attached hereto and made a part hereof, which details the parcel number, property owner, property address, purchase amount, housing supplement, moving expenses, closing costs, or additional costs; and

WHEREAS, the Board desires to ratify, approve, and affirm all actions taken by the County Attorney, the Chief Engineer, Croy, Stewart, Melvin, and Frost, LLP ("SMF") and any other agents of the County acting under the direction of the County Attorney and/or the Chief Engineer to affect the purchase and/or negotiated settlement of the parcels as denoted on Exhibit A;

NOW, THEREFORE, BE IT RESOLVED by the Board, in regular session, as the managing and controlling body of the County, and it is hereby resolved by authority of the same as follows:

Section 1. All actions taken on behalf of the County by the County Attorney, any outside counsel retained by the County Attorney, Chief Engineer, Hall County Public Works, Croy, SMF, and other agents of the County acting under the direction of the County Attorney or the Chief

Engineer in furtherance of the Project prior to the effective date of this Resolution, including the purchase of the parcels and the negotiated settlement of parcels set forth on Exhibit A, are hereby approved, ratified, and affirmed.

Section 2. The Board hereby approves, ratifies, and affirms the acquisition of any other interests in property necessary and proper for the construction of the Project which may have been acquired or have a negotiated settlement prior to the effective date of this Resolution.

Section 3. The Board hereby authorizes the Chairman to execute all documents in furtherance of the Project, including but not limited to those related to the U.S. Department of Commerce, Economic Development Administration's Financial Assistance Award (Federal Award ID Number 04-01-07651), and further approves, ratifies, and affirms the execution of all documents in furtherance of the Project, including but not limited to any grant application or verification requested by the EDA that pertains to the Federal Award referenced in this Section 3.

Section 4. The Board hereby authorizes SMF and/or the Director of Public Works, or his designee, to execute any and all documents necessary to effectuate the property acquisitions which are ratified in this Resolution.

Section 5. If any paragraph, subparagraph, sentence, clause, phrase, or any portion of this Resolution shall be declared invalid or unconstitutional by any court of competent jurisdiction or if the provisions of any part of this Resolution as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be construed to affect the portions of this Resolution not so held to be invalid. It is hereby declared to be the intent of the Board to provide for separable and divisible parts, and it does hereby adopt any and all parts hereof as may not be held invalid for any reason.

[This space is intentionally left blank.]

This Resolution is adopted in regular session of the Board, this ____ day of _____, 2024, to become effective immediately upon its execution, the public health, safety, and general welfare demanding it.

HALL COUNTY BOARD OF COMMISSIONERS

_____
Richard Higgins, Chairman

_____
Commissioner, District 1
Kathy Cooper

_____
Commissioner, District 2
Billy Powell

_____
Commissioner, District 3
Gregg Poole

_____
Commissioner, District 4
Jeff Stowe

_____
ATTEST:
Jennifer Rivera, Clerk

Approved as to form:

_____
County Attorney
William J. Linkous, III

GEORGIA, HALL COUNTY.

I, JENNIFER RIVERA, do hereby certify that I am the Clerk of the Board of Hall County, Georgia.

I further certify that the foregoing pages constitute a true, correct, and exact copy of a Resolution passed by the Board on _____, 2024, and that the original of said Resolution is on file in the Hall County Commission Office, Hall County Government Center, 2875 Browns Bridge Road, Gainesville, Georgia 30504.

Given under my hand and seal of Hall County, Georgia this _____ day of _____, 2024.

_____
JENNIFER RIVERA
Clerk of the Board of
Hall County, Georgia.

(SEAL OF HALL COUNTY)

4869-1725-8621, v. 1

EXHIBIT A

Parcel Number	Owner Information	Amount	Housing Supplement	Moving Expenses	Closing Cost / Other
001W	Danji, LLC 2862 White Sulphur Rd	$1,023,000.00	N/A	N/A	N/A
002W	Leon Farmer and Company 2851 NE White Sulphur Rd	$5,500.00	N/A	N/A	N/A
003W	Danji, LLC 2894 White Sulphur Rd	* Amount included in Settlement for Parcel 1	N/A	N/A	N/A
004W	Benji Bronson Miller 3340 Seymour Rd	$582,000.00	N/A	N/A	N/A
005W	Benji Bronson Miller 3331 Seymour Rd	* Amount included in Settlement for Parcel 4	N/A	N/A	N/A
006W	Benji B Miller 3337 Seymour Rd	* Amount included in Settlement for Parcel 4	N/A	N/A	N/A
007W	Danji, LLC 3323 Seymour Rd	* Amount included in Settlement for Parcel 1	N/A	N/A	N/A
008W	Carol Ann Brown & Scott Puckett Trustee 3330 White Sulphur Rd	$36,000.00	N/A	N/A	N/A
009W	Rigoberto Mojica 3203 White Sulphur Rd	$5,000.00	N/A	N/A	N/A
010W	Shirley M Collins 3255 White Sulphur Rd	$300,000.00	N/A	N/A	N/A

AGENDA ITEM

Consent Agenda

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 208/2024

SUBJECT: Approve the acceptance of $2,347,716.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, Sidewalks and Sewer in Clark Farms Phase I Subdivision. Commission District 1.

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: BN

Recommendation:
Approve

Purpose of Request:
Approve the acceptance of $2,347,716.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, Sidewalks and Sewer in Clark Farms Phase I Subdivision. Commission District 1.

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	

Approvals:

Submit	Approve	Budget	Finance
WS	BN	EW	TS

Attorney	Administration	Clerk
WLI	CR	JR

Attachments:

Guaranty Performance/Maintenance Agreement
Final Plat Information

STATE OF GEORGIA,
COUNTY OF HALL

GUARANTY PERFORMANCE/MAINTENANCE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that we, Clark Farm Investment, LLC (owner/principal, hereinafter referred to as "Principal"), and Arch Insurance Company (surety), a company entitled and licensed to do business as a surety in the State of Georgia and Hall County, (hereinafter referred to as "Surety"), are held and bound unto Hall County, Georgia in the sum of $ 2,347,716.00 * (hereinafter referred to as "bonded amount") for payment of which we bind ourselves, our heirs, executors, administrators and assigns.

WHEREAS, Clark Farm Investment, LLC (principal) is owner of the Subdivision known as CLARK FARMS PHASE 1 Subdivision, which subdivision is shown on a plat prepared by ACRE PROFESSIONAL SURVEYOR, Georgia Registered Surveyor Number 3209, and

WHEREAS, Clark Farm Investment, LLC (principal) wishes to induce the Board of Commissioners of Hall County, Georgia to approve the street system shown on the Final Plat of CLARK FARMS PHASE 1 Subdivision for recording purposes, and

WHEREAS, Clark Farm Investment, LLC (principal) wishes to induce the Board of Commissioners of Hall County, Georgia to accept the streets shown on the Final Plat of CLARK FARMS PHASE 1 Subdivision for public maintenance (not applicable to private developments);

Clark Farm Investment, LLC (principal) and

Arch Insurance Company (surety) agree in consideration of the foregoing,

NOW, THEREFORE BE IT RESOLVED, Clark Farm Investment, LLC (principal) agrees that all construction of the street system of CLARK FARMS PHASE 1

*Two Million Three Hundred Forty Seven Thousand Seven Hundred Sixteen Dollars and 00/100

Subdivision will be completed and maintained for fifteen (15) months according to the terms and requirements as shown on the recorded Final Plat and of the Subdivision Regulations in force in Hall County, Georgia.

Clark Farm Investment, LLC (principal), and

Arch Insurance Company (surety) agree to the following:

Sidewalks will be completed throughout entire subdivision as shown on recorded final plat within one (1) year of signing of said final plat. One inch of "F" mix asphalt may be placed anytime prior to final platting or up to one (1) year after final plat approval. In addition, Principal and Surety agree that if either the sidewalks, cuts, fills, sub-grades, shoulders, pavement, grassing, storm water management facilities, or traffic signs in CLARK FARMS PHASE 1 Subdivision are improperly maintained or are found to be defective from faults in design, materials or workmanship as shown on the recorded Final Plat, or as set out in the Subdivision Regulations in force in Hall County, Georgia, then upon demand from Hall County,

Arch Insurance Company (surety) shall pay the bond amount to Hall County.

Terms of Guaranty:

Clark Farm Investment, LLC (principal) and

Arch Insurance Company (surety) shall be bound by the provisions of this agreement until a properly authorized letter is received by

Arch Insurance Company (surety) from Hall County authorizing release of

Clark Farm Investment, LLC (principal) and

Arch Insurance Company (surety) from this Guaranty Agreement.

NOTWITHSTANDING the above provisions, this Guaranty Performance/Maintenance Agreement is hereby issued on 3/29/2024 (Date) and expires on 3/28/2026 (Date, minimum 24 months from date of issuance), and the Issuer will have no more liability after that date. When

the indicated expiration date falls on Sunday or a legal holiday, or for any reason the Issuer is not open for business, the expiration date shall be extended to the next succeeding business day. Jurisdiction for any civil litigation necessary for collection of bond claims hereunder shall be in the Superior Court of Hall County, Georgia.

IN WITNESS WHEREOF, the undersigned have hereunto signed their names and affixed their seals, this 29th day of March, 2024.

- Clark Farm Investment, LLC
  PRINCIPAL
  By: _____
  (Corporate Officer or other authorized representative)

  Principal's Address:
  655 Engineering Drive, Suite 208
  Peachtree Corners , GA 30092

- Arch Insurance Company
  SURETY
  By: _____
  (Authorized Representative) Charles J. Nielson
  Attorney-in-Fact

  Surety's Address:
  Harborside 3, 210 Hudson Street, Suite 300
  JERSEY CITY, NJ 07311 - 1107

- Approved:
  Hall County
  By: _____
  (Chairman)

* The amount of the bond equals 30 percent of all completed infrastructure including base, paving, grassing, stormwater management facilities, and sidewalks plus 100 percent of the cost of all incomplete infrastructure such as remaining sidewalks and asphalt topping. The unit cost data used in the calculations will be based upon the latest Georgia Department of Transportation (GADOT) Item Mean Summary, or the latest Hall County contract data, whichever is higher.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:
That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Brett Rosenhaus of Delray Beach, FL
Charles D. Nielson, Charles J. Nielson, David R. Hoover and Jarrett Merlucci of Miami Lakes, FL (EACH)
F. Danny Gann, Edward T. Ward and Audria R. Ward of Atlanta, GA (EACH)
John R. Neu and Kevin Wojtowicz of St. Petersburg, FL (EACH)
Laura D. Mosholder of Orlando, FL

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed: Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars ($90,000,000.00).
This authority does not permit the same obligation to be split into two or more bonds In order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company 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 its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on December 10, 2020, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:
"**VOTED**, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on December 10, 2020:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on December 10, 2020, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company. **In Testimony Whereof**, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this **22nd day of October, 2021**.

Attested and Certified

Regan A. Shulman, Secretary

Arch Insurance Company — CORPORATE SEAL 1971 — Missouri

Arch Insurance Company

Stephen C. Ruschak, Executive Vice President

STATE OF PENNSYLVANIA SS
COUNTY OF PHILADELPHIA SS

I, **Michele Tripodi**, a Notary Public, do hereby certify that Regan A. Shulman and Stephen C. Ruschak personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

Commonwealth of Pennsylvania - Notary Seal
MICHELE TRIPODI, Notary Public
Philadelphia County
My Commission Expires July 31, 2025
Commission Number 1168622

Michele Tripodi, Notary Public
My commission expires 07/31/2025

CERTIFICATION

I, **Regan A. Shulman**, Secretary of the Arch Insurance Company, do hereby certify that the attached **Power of Attorney dated October 22, 2021** on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said Stephen C. Ruschak, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 29th day of March, **20 24**.

Regan A. Shulman, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:
Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102

Arch Insurance Company — CORPORATE SEAL 1971 — Missouri

To verify the authenticity of this Power of Attorney, please contact Arch Insurance Company at SuretyAuthentic@archinsurance.com
Please refer to the above named Attorney-in-Fact and the details of the bond to which the power is attached.

Printed in U.S.A.

Final Plat Information

Consider Acceptance of $2,347,716.00 Guaranty Performance/Maintenance Agreement for Streets, Stormwater Management Facilities, Sidewalks and Sewer in Clark Farms Phase 1 Subdivision.

Subject Subdivision is located off of Spout Springs Road.

NAME OF SUBDIVISION:	Clark Farms Phase 1
NAME OF OWNER/DEVELOPER:	Clark Farm Investment, LLC
ADDRESS:	655 Engineering Drive Suite 208 Peachtree Corners, GA 30092
TYPE OF MAINTENANCE BOND:	Guaranty Performance/Maintenance
DATE OF BOND:	March 29 2024
AMOUNT OF BOND:	$2,347,716.00 Maintenance Agreement
FINANCIAL INSTITUTION: AND ADDRESS:	Arch Insurance Company Harborside 3, 210 Hudson Street, Suite 300 Jersey City, NJ 07311-1107
Account No.:	N/A

COMM. DIST.	STREET NAME	R/W IN FEET	LENGTH IN FEET	WIDTH IN FEET	TYPE OF SURFACE	STATE REF. NO.
1	Loma View	50	1805.15	20	P.M.	----
1	Millbrae Walk	50	922.66	20	P.M.	----
1	Nipton Crossing	50	2497.38	20	P.M.	----
1	Rocklin Lane	50	3079.71	20	P.M.	----
1	Eaveswell Street	50	407.39	20	P.M.	----
1	Yewtree Drive	50	496.41	20	P.M.	----

NOTES:

NUMBER OF LOTS:	185
CURB & GUTTER:	24" Rolled Back
TOTAL ACRES OF S/D:	89.082 AC

AGENDA ITEM

Public Hearing to amend Hall County's Zoning Map as follows:

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 223/2024

SUBJECT: **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 **| Proposed Use: 4-lot single-family development |** Commission District 1 **| James & Amanda Edwards, applicant**

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: BG

Recommendation:
Approval, with conditions:

1. There shall be no further subdivision of the existing tracts.

Purpose of Request:
6189, 6191, 6193 & 6195 Christy Lane | Rezone | from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 | **Proposed Use: 4-lot single-family development** | Commission District 1 | **James & Amanda Edwards, applicant**

History:

Facts and Issues:

Options:

Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No

Has it been reviewed by the County Attorney? Yes
Is there a deadline for this item?

Approvals:

Submit	Approve	Attorney	Administration
BG	BG	WLI	CR
Clerk			
JR			

Attachments:
Board Memo
Recommendation Report
Application
Narrative
Site Plan
Maps
Deed
Environmental Health Comments
GDOT Comments
Public Works Comments
Fire Comments
Notice Sign Photo

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435

GAINESVILLE, GA 30503

t: 770.531.6809 | f: 770.531.3902

PLANNING AND DEVELOPMENT DIRECTOR
Randi Doveton

ASSISTANT DIRECTOR
Beth Garmon

Hall County Government

COMMUNITY DEVELOPMENT AND INFRASTRUCTURE
PLANNING AND DEVELOPMENT

To: Richard Higgins, Chairman
Kathy Cooper, District 1 Commissioner
Billy Powell, District 2 Commissioner
Gregg Poole, District 3 Commissioner
Jeff Stowe, District 4 Commissioner

From: Beth Garmon, Assistant Director of Planning & Development

Date: April 22, 2024

Subject: **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract **| Proposed Use: 4-lot single-family development | James & Amanda Edwards, applicant**

The request before you is the request of James & Amanda Edwards to rezone from Residential I (R-I) to Agricultural Residential III (AR-III) to allow a 4-lot single-family development. This item is located within Commission District 1.

At their April 1, 2024 meeting, the Hall County Planning Commission voted to recommend approval with one (1) condition **(5-0)**.

Staff recommendation: **Approval, with conditions,** as the request is consistent with the surrounding zoning districts & future land use classification in the Comprehensive Plan.

There were **no comments submitted** in advance of the Planning Commission meeting and **five (5) people spoke in opposition during the public hearing.**

Planning Commission Conditions:

1. There shall be no further subdivision of the existing tracts.

HALL COUNTY PLANNING COMMISSION
RECOMMENDATION REPORT

Applicant ..... James & Amanda Edwards

Request ..... Rezone from Residential-I (R-I, 17.60) to Agricultural Residential-III (AR-III, 17.110)

Proposed Use ..... 4-lot single-family development

Size ..... 17.13± acres

Zoning ..... Current Residential-I (R-I, 17.60)| Proposed Agricultural Residential-III (AR-III, 17.110)

Location ..... **6189, 6191, 6193 & 6195 Christy Lane** | Tax Parcel 15046 000087, 000088, 000089 & 000100

Commission District ..... One

Planning Commission Date ..... April 1, 2024

Staff Recommendation ..... **Approval, with conditions,** as the request is consistent with the surrounding zoning districts & future land use classification in the **Comprehensive Plan.**

Record Number HZON24-0004

Planning Commission Recommendation.....**Approval, with conditions**
Vote: 5-0

Planning Commission Conditions:

1. There shall be no further subdivision of the existing tracts.

Excerpts from the minutes of the April 1, 2024 meeting

Applicant's Presentation:

Katie Greenway, Planning and Zoning Administrator, presented a summary of the request.

Amanda Edwards, 6195 Christy Lane, Gainesville, presented that request.

Public Forum:

Cynthia Carey, 6200 Christy Lane, Flowery Branch, spoke in opposition. Concerns were sewage, road frontage, roads, and number of vehicles.

Nan Wicker, 6187 Christy Lane, Flowery Branch, spoke in opposition. Concerns were sewer or septic use, contamination to the creek with proximity, use of the property and road maintenance.

Phillip Albertson, 6171 Christy Lane, Flowery Branch, spoke in opposition. Concerns were 50 foot setbacks, business operation, motor homes, tractor trailers, boats, and campers on the property.

Bradley Wilcox, 4839 Daintree Court, Flowery Branch, spoke in opposition. Concerns were water drainage, AR-III permitted uses, and elevations.

Dale Hayter, 4863 Remington Drive, Flowery Branch, spoke in opposition. Concerns were access to the rear lots with the existing creek, nature of the road, and possible livestock.

Planning Commission Comments:

Mr. Hunt questioned if there would be a residence on the lot that they are requesting a garage for. The applicant stated that was correct. Mr. Sosebee questioned the type of homes that will be built. The applicant stated that they would be stick-built but they do not yet have final plans. Mr. Braswell questioned if the homes would be for family members. The applicant stated that was correct. Mr. Braswell questioned where the homes will be built on the two rear lots. The applicant stated that soil tests had been completed and the homes would be built at the front of the property without disrupting the creek and would respect the 100-foot stream buffer. The applicant stated that there is no business being run out of the property, everything is personally owned by the family and that is why they would like to build a garage for storage. Mr. Hunt questioned if all of the lots have 50 feet of road frontage. The applicant stated that was correct. Ms. Garmon stated that the lots are plats of record and they will be honored. Mr. Hunt questioned if there will be a shared driveway. The applicant stated that was correct. The applicant stated they would not be keeping livestock on the property, only pets. Mr. Braswell questioned the use of the tractor trailer on the property. The applicant stated that it is mainly parked on the property and it is personally owned.

***Motion:* A motion to approve, with condition was made by Mr. Sosebee and seconded by Mr. Hunt. Vote: 5-0**

Staff recommends Approval of the applicant's request.

Summary Analysis

The applicant is requesting to rezone 17.13± acres from Residential-I (R-I, 17.60) to Agricultural Residential-III (AR-III, 17.110) to utilize the property as 4 single-family lots. The rezoning will allow for the removal of the conditions attached to the R-I zoning approved by the County Commissioners on June 10, 2005, which permitted a 14-lot subdivision. The proposed tract 1 is currently developed with a one-story home and an accessory structure. The remaining tracts are undeveloped. Tracts 3 and 4 are bisected by a stream, which requires a 50-foot undisturbed buffer and 75-foot impervious surface setback to be measured from both sides of the stream.

On June 10, 2005, the County Commissioners approved the rezoning of the subject property from AR-III to R-I for a 14-lot subdivision with the following conditions:

1. Development shall be limited to 14 lots as generally shown on the concept plan.
2. Development shall be limited to site built homes having a minimum of 3,000 square feet of heated floor space with each home having a two-car garage.
3. All residences shall have a minimum roof pitch of 9:12.
4. All lots shall have sodded front lawns.
5. All conditions of zoning shall appear on any plats created for the subdivision.

The purpose of this rezoning request is to utilize the subject property as 4 single-family lots. Tracts 1 and 2 have been reconfigured to correct the current lot line that bisects the existing single-family residence. Lots 3 and 4 are proposed to remain in their existing configuration.

Within the Agricultural Residential-III District (AR-III, 17.110.) the following development standards are required:

Agricultural Residential (AR-III, 17.60) Standards	**Required**	**Proposed**
Lot Area	43,560 square feet	Tract 1: 43,560.70 square feet Tract 2: 155,392.15 square feet Tract 3: 231,631.47 square feet Tract 4: 316,074.16 square feet
Lot Frontage	Local Road: 50 feet	Tract 1: 107.54 feet Tract 2: 52.36 feet Tract 3: 50.64 feet Tract 4: 49.46 feet*
Lot Width at Building Line	75 feet	Not specified
Front Yard Setback	65 feet from centerline of road or 40 feet from property line (whichever is greater)	40 feet from property line
Side Yard Setback	15 feet	15 feet
Rear Yard Setback	25 feet	25 feet
Note: Items marked with an asterisk (*) do not conform to the requirements of the Agricultural Residential - III (AR-III, 17.110) zoning district		

No variances have been submitted as part of this request; therefore, any deficiencies identified as part of the plan will be required to comply with the requirements of the AR-III zoning district unless granted in the conditions of approval.

The road frontage for tract 4 was measure at 49.46 feet based upon a newly submitted survey with fieldwork conducted on December 12, 2022 and January 12, 2024. The original recorded plat was surveyed on August 15, 1984 and measured the road frontage at 50 feet. No property lines have been adjusted since this time;

however, the accurately of surveys have increase substantially which accounts for the change in measurement.

Based on the future land-use plan, staff finds the requested zoning designation is *consistent* with the Hall County Comprehensive Plan**.** The Comprehensive Plan's future land use designation for the subject parcel is "Residential." The intent of this land use category is to preserve established neighborhoods and create new residential development consistent with surrounding suburban densities. Future development is envisioned to consist of detached residential development at a density of no greater than two dwelling unit per acre; the proposal meets this standard.

Zoning Analysis

When considering a zoning amendment to the zoning maps, the following items must be considered:

1. Whether the zoning proposal will permit a use that is suitable in view of the use and development of adjacent and nearby property; **The proposed use is similar in use, development, and zoning of adjacent and nearby properties.**

2. Whether the zoning proposal will adversely affect the existing use or usability of adjacent or nearby property; **No, it is not anticipated that the proposed rezoning will adversely affect nearby properties.**

3. Whether the property to be affected by the zoning proposal has reasonable economic use as currently zoned. **The property appears to have reasonable economic use as currently zoned.**

4. Whether the zoning proposal will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, or utilities; **No, the proposed use should not cause an excessive or burdensome use of existing streets, transportation facilities, or utilities.**

5. Whether the zoning proposal is in conformity with the policy and intent of the land use plan; **The requested zoning designation is consistent with the future land use classification of Residential in the Comprehensive Plan. In this land use classification, development is envisioned to consist of detached, single-family homes, not to exceed two dwelling unit per acre. The applicant is proposing single-family residences at a density of 0.23 dwelling units per acre.**

6. The extent to which property values are diminished by the existing zoning restrictions; **Unless the rezoning request is approved, the applicant will not be able to develop the property as desired.**

7. The extent to which the destruction of the subject property's value under the existing zoning promotes the health, safety, morals or general welfare of the public; **Staff is unable to comment on the impact of property values without a full market analysis. Multiple factors impact property value including construction types, proposed uses, and maintenance. Often it is difficult to determine the effect of a development on adjacent properties until the development is completed.**

8. The relative gain to the public as compared to the hardship imposed upon the individual property owner; **The gain to the public is the consistency of the request to the surrounding character and lot size. Furthermore, the existing conditions place an undue burden on the property owner by requiring design standards that are not consistent with the surrounding area.**

9. The length of time the property has been vacant as zoned considered in the context of land development in the area in the vicinity of the property; **The subject property is currently developed with a single-family one-story residence and accessory structures.**

10. Whether there are other existing or changing conditions affecting the use or development of the property which give supporting grounds for either approval or disapproval of the zoning proposal; **The existing conditions placed on the property in 2005 restrict the use of the property through design standards. The applicant is proposing to rezone the property back to AR-III and develop the parcel 4-single-family lots.**

11. Whether the change would create an isolated district unrelated to the surrounding districts; **The surrounding parcels consist of AR-III and R-I zoning. No isolated zoning district would be created if approved.**

12. Whether the present zoning district boundaries are illogically drawn in relation to existing conditions in the area; **There is no evidence that the present zoning district boundaries are illogically drawn.**

13. Whether the change requested is out of scale with the needs of the county as a whole or the immediate neighborhood; **No, the request is not out of scale with the needs of the county as a whole as there is a need for additional and varied housing types.**

14. Whether it is impossible to find adequate sites for the proposed use in districts permitting such use and already appropriately zoned; **There are other parcels within Hall County that would allow the proposed development without a rezoning required.**

15. Whether the need for rezoning could be handled instead by a variance request to the [Planning Commission]; **No, the request could not be handled alternatively as a variance as the requested use is not permitted within the current zoning conditions.**

16. Whether there would be an ecological or pollution impact resulting from major modifications to the land if the request is granted; **Any land disturbance activities on the property shall be required to go through the land development permitting process, and as a result are subject to local, state, and federal regulations. As a result, there are no anticipated ecological or pollution impacts resulting from any modification to the land if the request is granted.**

17. Whether there is reasonable evidence based upon existing and anticipated land use that would indicate a mistake was made in the original zoning of the property; **There is no indication that a mistake was made in the original zoning.**

17.380.050. - Submission requirements for a rezoning request

A. Any person or persons requesting a change in the official zoning map or use subject to approval of the county commission shall file an application with a plat or map of the property attached thereto, together with payment of such fees set forth in chapter 17.30 to cover administrative and advertising costs, in the planning department office. Such person or persons or their authorized agent shall appear in person at the public hearing held to consider the district change. **Proposal meets the requirement. Applicant has paid the appropriate fees and understands that someone must be present at both the Hall County Planning Commission meeting and the voting meeting of the Hall County Board of Commissioners.**

B. All applications for a change of zoning classification or use subject to approval of the county commission shall include:

1. A narrative statement identifying the existing and proposed use of the property and addressing each of the criteria set forth in section 17.380.060.C of this section [chapter]. **The applicant has submitted a narrative and site plan but did not specifically address the criteria listed in 17.380.060.C.**

2. A site plan drawn to scale designating the area covered by the application and identifying existing and proposed buildings and uses, adjacent existing land uses, zoning on contiguous parcels, including those across an abutting public right-of-way, and any other significant site improvements proposed to accommodate the proposed use or buffer adjacent uses, etc., or a plat of the subject property where no specific land use is proposed. In cases where only a plat or map is provided and no land use is proposed, the planning commission and county commission shall evaluate the application based on the most intense possible land use permitted in the proposed district**. Proposal meets the requirement.**

C. For any application for a slow rate land treatment system (see chapter 17.20), the following additional requirements apply. **This is not applicable as the property will utilize an onsite septic system.**

D. For any application proposing the development of 100 or more residential dwelling units, a traffic impact study shall be submitted prior to consideration of the application by the planning commission. At the applicant's expense, the traffic impact study shall be prepared by a professional engineer in accordance with requirements established by the Hall County Engineering Department. The engineering department shall review the traffic impact study and forward any comments to the Hall County Planning Commission. **This is not applicable as the property is less than 100 lots.**

Development Support and Constraints

Hall County Environmental Health

In an email dated February 23, 2024, Emily McGahee stated, "All proposed lots must meet Hall County Board of Health Lot Size Resolution requirements. Please note that zoning approval does not imply approval from other county departments. Further determination will be made during the plat review process. All proposed plats must be submitted to the Hall County Plat Review Team for review and approval prior to submittal to Clerk of Courts for recordation."

Hall County Fire Marshal

In an email dated February 29, 2024, John Hornick, NPQ Fire Inspector 1, Plans Review Lieutenant stated, "The Hall County Fire Marshal's Office has no comments as proposed."

Hall County Public Works and Utilities

In a memorandum from Public Works and Utilities dated February 29, 2024, Bill Nash, Director, stated the following:

Engineering:

Show stream buffer and impervious setback from wrested vegetation not centerline of stream.

All Stream crossing pipe system to be reviewed by engineering.

Traffic:
No Comment.

Utilities:
Hall County sewer district – No connection within feasible distance.

Georgia Department of Transportation
In an email dated February 29, 2024, Veronica Chavers, D1TO Civil Engineer 3, stated that GDOT coordination is not required.

PLANNING AND DEVELOPMENT DEPARTMENT 2875
BROWNS BRIDGE ROAD, GAINESVILLE, GA, 30504 MAILING
ADDRESS: PO BOX 1435, GAINESVILLE. GA 30503 t: 770-531-6809 I
f: 770-531-3902

HALL COUNTY
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ZONING APPLICATION

Applicant (Name & Mailing Address)

James + Amanda Edwards
6195 Christy Ln
Flowery Branch GA 30542

Phone 7063721559

Email Address kloazr@gmail.com

Property Owner (Name & Mailing Address)

James + Amanda Edwards
6195 Christy Ln
Flowery Branch GA 30542

Phone 7063721559

Email Address kloazr@gmail.com

Proposed Use Family homes / personal use

Contact Person (Name & Mailing Address)

Amanda Edwards
6195 Christy Ln
Flowery Branch GA 30542

Phone 7063721559

Email Address kloazr@gmail.com

Status of Applicant

r Owner
r Option to Purchase
r Area Resident
r Other

Requested Action

Existing Zoning: R-I
Rezone to: AR-III
Fee:$ 600
Receipt #:
Check #:

Tax Parcel Number 15046-000087, 15046-000089 (000088) Acreage 17.141
Location Address 6195 Christy Ln Flowery Branch GA 30542

I hereby certify that the above information and all attached information are true and correct.

Sign [signature] Date: 2-12-2024

Applicant must complete all information above. Failure to complete this section will result in the refusal of the application. The Planning Department has 15 days to review all applications and will set the dates for each application. If the application is found insufficient, an agenda date will not be set until the required information is submitted. Please note that the Planning Commission and County Commission dates are tentative.

Application Withdrawal: I hereby **withdraw** the application.

Sign _____ Date: _____

Staff Use Only

Application Date: _____ Taken by: _____

Tentative Planning Commission Date: _____ Tentative County Commission Date: _____

County Commission District: _____

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HALL COUNTY
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CAMPAIGN CONTRIBUTIONS DISCLOSURE FORM

This form must be completed by the applicant and property owner, or person representing the property owner, for all zoning actions.

OCGA § 36-67A-3[C] Disclosure of campaign contributions:

(b) When any applicant for zoning action has made, within two years immediately preceding the filing of the applicant's application for the zoning action, campaign contributions aggregating $250.00 or more to a local government official who will consider the application, it shall be the duty of the applicant to file a disclosure report with the governing authority of the respective local government showing:

(3) The name and official position of the local government official to whom the campaign contribution was made; and

(4) The dollar amount and description of each campaign contribution made by the applicant to the local government official during the two years immediately preceding the filing of the application for the rezoning action and the date of each such contribution.

(b) The disclosures required by subsection (a) of this Code section shall be filed within ten days after the application for the zoning action is first filed. (Code 1981, Section OCGA § 36-67A-3[C], enacted by GA L. 1986, page 1269, Section 1, GA L. 1991, page 1365, Section 1).

I hereby certify that I have read the above and that:

I have**_____ I have not X

within the two years immediately preceding this date, made any contribution(s) aggregating $250.00 or more to any local government official involved in the review or consideration of this application.

**If you have made such contributions, you must provide the data required below within ten (10) days of filing this application.

Name of Official(s): _____ Office: _____

Dollar Amount: _____ Date of Contribution: _____

Applicant's/Owner's Signature: _____ Date: 2-12-2024

Applicant's/Owner's Name (Printed): James Clean Edwards

PLANNING AND DEVELOPMENT DEPARTMENT
2875 BROWNS BRIDGE ROAD, GAINESVILLE, GA, 30504
MAILING ADDRESS: PO BOX 1435, GAINESVILLE. GA 30503
t: 770-531-6809 I f: 770-531-3902

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within the two years immediately preceding this date, made any contribution(s) aggregating $250.00 or more to any local government official involved in the review or consideration of this application.

**If you have made such contributions, you must provide the data required below within ten (10) days of filing this application.

Name of Official(s): _____ Office: _____

Dollar Amount: _____ Date of Contribution: _____

Applicant's/Owner's Signature: _____ **Date:** 2-2-2024

Applicant's/Owner's Name (Printed): Amanda Edwards

We lived in Hamilton Mill proper, in a very nice house, but our two boys were bored with the lack of trees and yard we had. So, we sold our home to move onto more property. We all ride dirt bikes and love to spend time in nature.

When we bought this land, which consists of 6189, 6191, 6193, and 6195 Christy Lane, our plans were to use the land for our family. We wanted to have space to ride our dirt bikes, we love the creek so we can play around it, my boys have already picked out their climbing trees! It was not until we met with planning and zoning that we discovered the conditions that are placed on our lots. We did not plan to buy a neighborhood, and at no point in the purchase process was it ever disclosed to us.

Our vision for the 4 properties is to have 4 homes and a garage built on it, to keep our parents close to us and out of assisted living homes, and to use the land as it is. We want our boys to be able to ride their bikes to their grandparent's house and spend time with them. My mom collapses a lot from bad knees and my dad's work takes him out of town often. My husband's mother has lost use of one of her ankles and in the next 5 years is expected to be fully wheelchair bound. Being close to them, to care for them, is important to us. It is also important to us all that we keep as much independence as possible, not having them living in our home.

Aside from the family aspect of our plans, we want to use the land for its nature. We want to have a fun riding trail through the trees, for the bikes. We would like to use the beautiful walking paths that the deer have made along the creek. I would love to have a picnic table near the areas of the creek where the water falls! We would like to have a garden for our boys to grow their own fruits and veggies and understand where the food in the stores comes from!

Something we quickly learned by living in an HOA is that owning toys gets expensive in storage fees. Part of purchasing this land was the ability to keep all our belongings with us at home. We have a boat, jet skis, campers, dirt bikes, four wheelers, a bobcat farm tractor, and some antique show cars. We want to build a large garage to keep all these things properly stored and maintained.

The property is currently zoned R-I with conditions for 14 homes in a subdivision. We would like to have it match the surrounding properties as AR-III without additional conditions.

LEGEND

BOC = BACK OF CURB
BSL = BUILDING SETBACK LINE
P/L = PROPERTY LINE
R/W = RIGHT OF WAY
LL = LAND LOT
LLL = LAND LOT LINE
N/F = NOW OR FORMERLY
POB = POINT OF BEGINNING
NTS = NOT TO SCALE
IPF = IRON PIN FOUND
IPS = IRON PIN SET
COR MON = USCOE MONUMENT
RB = REBAR
CTP = CRIMP TOP PIPE
OTP = OPEN TOP PIPE
SQ. ROD = SQUARE ROD
AIF = ANGLE IRON FOUND
CMP = CORRUGATED METAL PIPE
RCP = REINFORCED CONC. PIPE
WM = WATER METER
WV = WATER VALVE
PP = POWER POLE
LP = LIGHT POLE
PH. BOX = PHONE BOX
U/G = UNDERGROUND
C.O. = SEWER CLEAN-OUT
SS = SANITARY SEWER
MH = MAN HOLE
FFE = FINISHED FLOOR ELEV.
FH = FIRE HYDRANT
DE = DRAINAGE EASEMENT
PDI = PEDESTAL DROP INLET
DI = DROP INLET
LGP = LOT GRADING PLAN
SWCB = SINGLE WING CATCH BASIN
DWCB = DOUBLE WING CATCH BASIN
--G-- = GAS LINE
--P-- = POWER LINE
--SS-- = SANITARY SEWER LINE
--FM-- = SANITARY FORCE MAIN
--T-- = TELEPHONE LINE
--W-- = WATER LINE
--X-- = FENCE LINE

DATE OF SURVEY: 12-12-2022 & 01-12-2024

THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN N/A (OPEN TRAVS) FEET ,AN ANGULAR ERROR OF N/A SECONDS PER ANGLE POINT, AND WAS ADJUSTED USING THE LEAST SQUARED METHOD. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE TO WITHIN ONE FOOT IN 840,405 FEET.

BEARINGS SHOWN ARE BASED ON ANGLES TURNED FROM A SINGLE MAGNETIC OBSERVATION AND ARE SUBJECT TO FIELD CONDITIONS.

THE EQUIPMENT USED FOR ANGULAR AND DISTANCE MEASUREMENTS WAS A NIKON TOPGUN.

A PORTION THIS PROPERTY IS LOCATED WITHIN THE 100-YEAR FLOOD HAZARD AREA AS PER FLOOD INSURANCE RATE MAP 13139C0292G, DATED ON 12/01/2022.

THIS SURVEY AND IT'S FINDINGS DOES NOT CONSTITUTE A TITLE SEARCH OR TITLE OPINION BY RICHARD WEBB & ASSOCIATES AS LAND SURVEYORS. ALL DATA USED FOR THE LOCATION OF PROPERTY LINES, EASEMENTS, ADJOINING OWNERS, ETC. WAS GAINED FROM PUBLIC RECORDS, THE CLIENT, OR OTHER SOURCES AS REFERENCED. NO ABSTRACT OF TITLE OR TITLE COMMITMENT, NOR RESULTS OF TITLE SEARCHES WERE PROVIDED TO THE SURVEYOR, UNLESS OTHERWISE NOTED. OTHER DOCUMENTS OR SITUATIONS MAY EXIST THAT WOULD AFFECT THIS PROPERTY, AS WITH ANY LAND TRANSACTION, A TITLE SEARCH AND CERTIFICATE IS RECOMMENDED IN CONJUNCTION WITH THIS SURVEY, OR YOU MUST CONSULT A COMPETENT TITLE ATTORNEY.

Course	Bearing	Distance
L1	S 88°56'54" W	107.54'
L2	S 88°56'54" W	52.36'
L3	S 88°56'54" W	49.46'
L4	S 88°56'54" W	13.79'
L5	S 84°13'35" W	36.85'
L6	N 04°04'25" W	10.23'
L7	N 84°13'35" E	38.05'
L8	N 04°27'14" W	10.24'
L9	S 88°56'54" W	31.01'
L10	N 72°16'17" W	63.92'
L11	N 01°36'27" W	148.12'
L12	N 11°43'25" E	151.55'
L13	N 89°51'47" E	170.10'

REZONING NOTES

1. REZONING FROM R-I TO AR-III
2. SETBACKS:
   FRONT - 65' FROM C/L OR 40', WHICHEVER IS GREATER
   SIDE - 15'
   REAR - 25'
3. MINIMUM SQUARE FOOTAGE = 43,560 FT² WITH PUBLIC WATER.

NOTES & REFERENCES:

1. PLAT BOOK 95 PAGE 303
2. PLAT BOOK 98 PAGE 34
3. PLAT BOOK 101 PAGE 37
4. PLAT BOOK 103 PAGE 195
5. PLAT BOOK 114 PAGE 218
6. PLAT BOOK 121 PAGE 158
7. PLAT BOOK 777 PAGE 225A
   HALL COUNTY RECORDS.

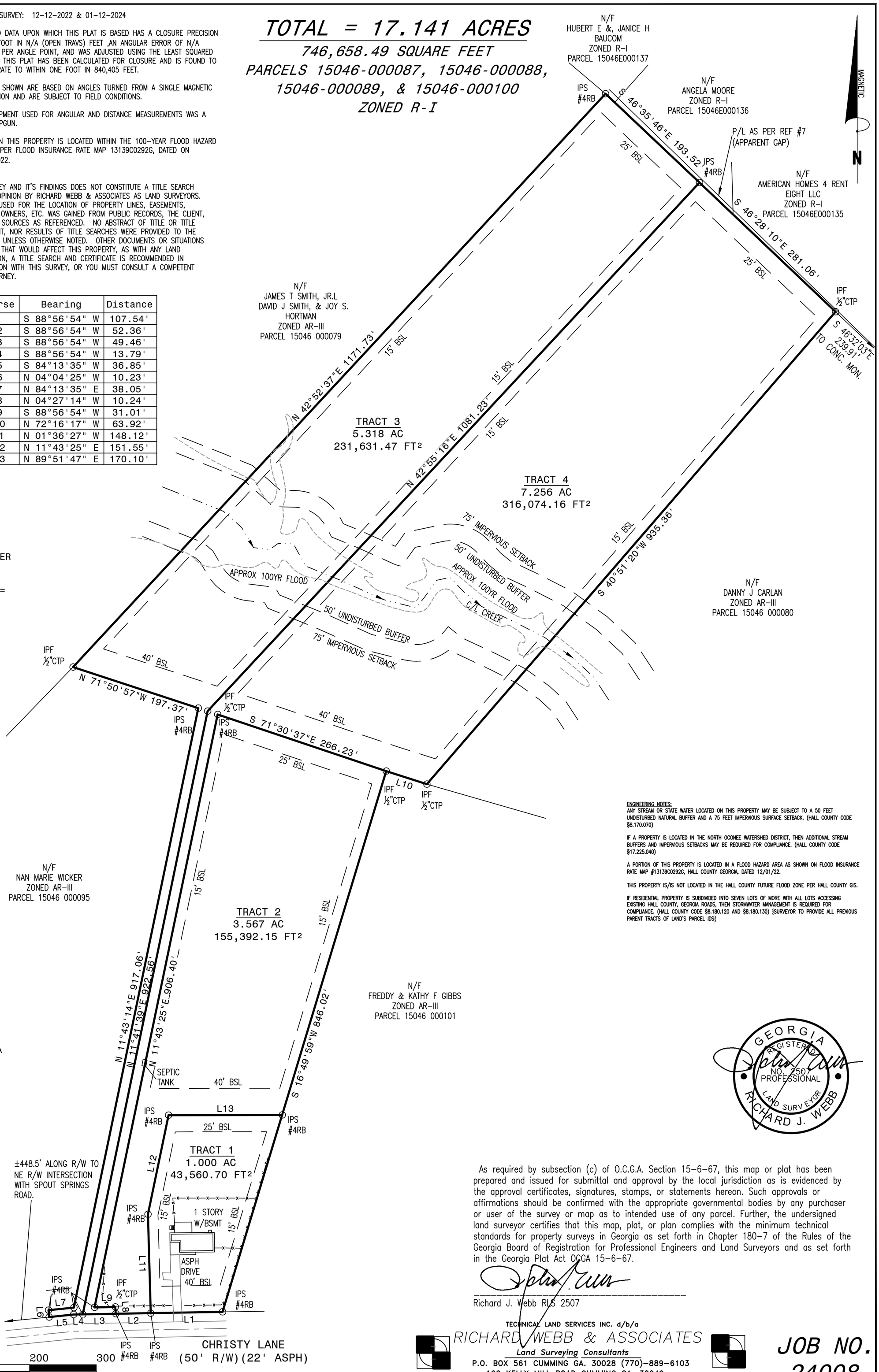
OWNER/PROPERTY INFO:
AMANDA & JAMES EDWARDS
6195 CHRISTY LANE
FLOWERY BRANCH, GA 30542

TOTAL = 17.141 ACRES

746,658.49 SQUARE FEET

PARCELS 15046-000087, 15046-000088, 15046-000089, & 15046-000100

ZONED R-I



ENGINEERING NOTES:

ANY STREAM OR STATE WATER LOCATED ON THIS PROPERTY MAY BE SUBJECT TO A 50 FEET UNDISTURBED NATURAL BUFFER AND A 75 FEET IMPERVIOUS SURFACE SETBACK. (HALL COUNTY CODE §8.170.070)

IF A PROPERTY IS LOCATED IN THE NORTH OCONEE WATERSHED DISTRICT, THEN ADDITIONAL STREAM BUFFERS AND IMPERVIOUS SETBACKS MAY BE REQUIRED FOR COMPLIANCE. (HALL COUNTY CODE §17.225.040)

A PORTION OF THIS PROPERTY IS LOCATED IN A FLOOD HAZARD AREA AS SHOWN ON FLOOD INSURANCE RATE MAP #13139C0292G, HALL COUNTY GEORGIA, DATED 12/01/22.

THIS PROPERTY IS/IS NOT LOCATED IN THE HALL COUNTY FUTURE FLOOD ZONE PER HALL COUNTY GIS.

IF RESIDENTIAL PROPERTY IS SUBDIVIDED INTO SEVEN LOTS OF MORE WITH ALL LOTS ACCESSING EXISTING HALL COUNTY, GEORGIA ROADS, THEN STORMWATER MANAGEMENT IS REQUIRED FOR COMPLIANCE. (HALL COUNTY CODE §8.180.120 AND §8.180.130) {SURVEYOR TO PROVIDE ALL PREVIOUS PARENT TRACTS OF LAND'S PARCEL IDS}

GEORGIA REGISTERED NO. 2507 PROFESSIONAL LAND SURVEYOR RICHARD J. WEBB

As required by subsection (c) of O.C.G.A. Section 15-6-67, this map or plat has been prepared and issued for submittal and approval by the local jurisdiction as is evidenced by the 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 the survey or map as to intended use of any parcel. Further, the undersigned land surveyor certifies that this map, plat, or plan complies with the minimum technical standards for property surveys in Georgia as set forth in Chapter 180-7 of the Rules of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in the Georgia Plat Act OCGA 15-6-67.

Richard J. Webb RLS 2507

REZONING PLAT FOR:

AMANDA & JAMES EDWARDS

G.M.D. 1270
HALL COUNTY, GEORGIA
FEBRUARY 1, 2024

TECHNICAL LAND SERVICES INC. d/b/a
RICHARD WEBB & ASSOCIATES
Land Surveying Consultants
P.O. BOX 561 CUMMING GA. 30028 (770)-889-6103
100 KELLY MILL ROAD CUMMING GA. 30040
Email: rjwebb6103@comcast.net

JOB NO. 24008

\2024 JOBS\24008\24008.DWG, 2/1/2024 2:00:40 PM, DWG To PDF.pc3, ANSI full bleed C (17.00 x 22.00 inches), 1:100

GENERAL NOTES AND COMMENTS:

1) Base Map Source: Plat from client and Hall Co GIS data, which may contain errors.
2) All borings and features on soil map were located using differentially corrected GPS Data.
3) Lines delineating soil unit boundaries on map should not be considered exact. Instead, they should be considered as transitional areas separating units of soils with similar physical characteristics and utilization.
4) Alterations, during construction or prior to drain field installation, that result in significant changes to the natural soil profile (I.e. filling or grading >18"), render the specifications of those soils inapplicable. Those soils should be reevaluated to determine suitability prior to drain field installation.
disturbance to the soil on the trench walls. Smearing of trench walls or improper installation can lead to system failure. Sides of wall should be picked if possible. Trench bottom should be raked. Drain field should be installed in dry conditions to preserve structure, prevent smearing and clogging.
5) When trench lines are dug by installer, every precaution should be taken to ensure that there is minimal disturbance to the soil on the trench walls. Smearing of trench walls or improper installation can lead to system failure. Sides of wall should be picked if possible. Trench bottom should be raked. Drain field should be installed in dry conditions to preserve structure, prevent smearing and clogging.
6) Down-spouts and drainage grading should be diverted away from drain-field area to prevent saturation.
7) Rock inclusions may exist that are not delineated by a level 3 soil survey
8) Installation depths are based on natural soil and should be adjusted if fill is encountered.
9) At Level 3 survey intensity, soil unit lines do not delineate exact soil series boundaries. These lines should be considered transitional areas of soil series or utilization changes. Level 3 survey intensity provides approximately 1/3 acre resolution. Units of suitable soils that border or are inclusions in units of marginal or unsuitable soil may need to be more intensely surveyed to better delineate soil unit boundaries.
10) Line reducing septic systems and effluent composition may have an effect on septic system performance and longevity.
11) Drain field area should be protected from construction traffic and building material placement.
12) Drain field should be protected before any rain event after installation from sheet flow and concentrated flow to prevent sediment in solution and surface water from entering drain line and clogging the soil- trench interface. Soil particles, sand, silt, clay can be transported and deposited in drain field area. Diversion swales, grass or some type of ground cover should be used to minimize sediment movement.
13) Soils that occur in a concave landscape position and are subject to concentrated surface and subsurface flow should implement drainage measures to divert concentrated flow.
14) Percolation rates are estimated based on a number of factors, soil type, composition, texture, hydric indicators and landscape position. These rates can change based on construction activities and installation practices. These rates can also change over time depending on how much effluent and composition is dispersed.

DAN PARHAM
DPH CERTIFIED SOIL CLASSIFIER
STATE OF GEORGIA CERTIFICATION NUMBER
#184

6189,6191 CHRISTY LANE

Level III Soil Survey; Summit Soil Consulting Inc.
HALL COUNTY

NRCS SERIES	Depth to ROCK inches	Depth to WATER inches	TRENCH DEPTH inches	ESTIMATED PERC RATE min/in	DOH CODE
Rion	>72	>72	24-45	55	A

Note: - Hard rock is defined as material impenetrable by hand auger, soft saprolite excluded
- Depth to water is defined as the depth to first indication of seasonal saturation

SUITABILITY CODES:
A: Soils should have ability to function as an absorption field with proper design, installation, and maintenance.

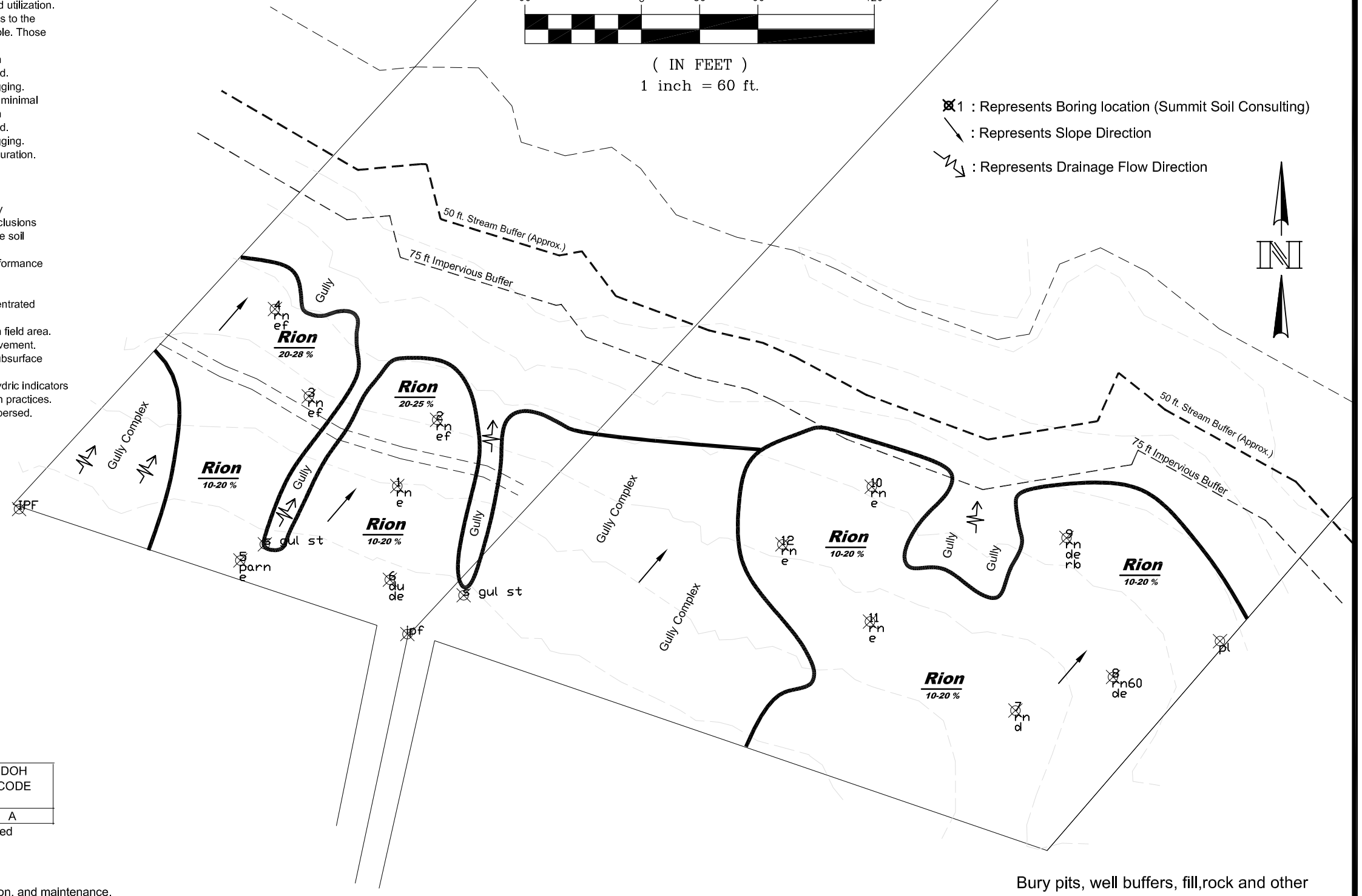
GRAPHIC SCALE

60 0 30 60 120

(IN FEET)
1 inch = 60 ft.

1 : Represents Boring location (Summit Soil Consulting)
: Represents Slope Direction
: Represents Drainage Flow Direction

N



This soil survey meets or exceeds the Georgia Soil Classifiers Board minimum soil investigation standards for on-site sewage disposal systems.

Bury pits, well buffers, fill,rock and other limitations may exist that are not identified by this soil study

Client Data:
Amanda Edwards
Address
Location
Phone:

Date: 11/20/23

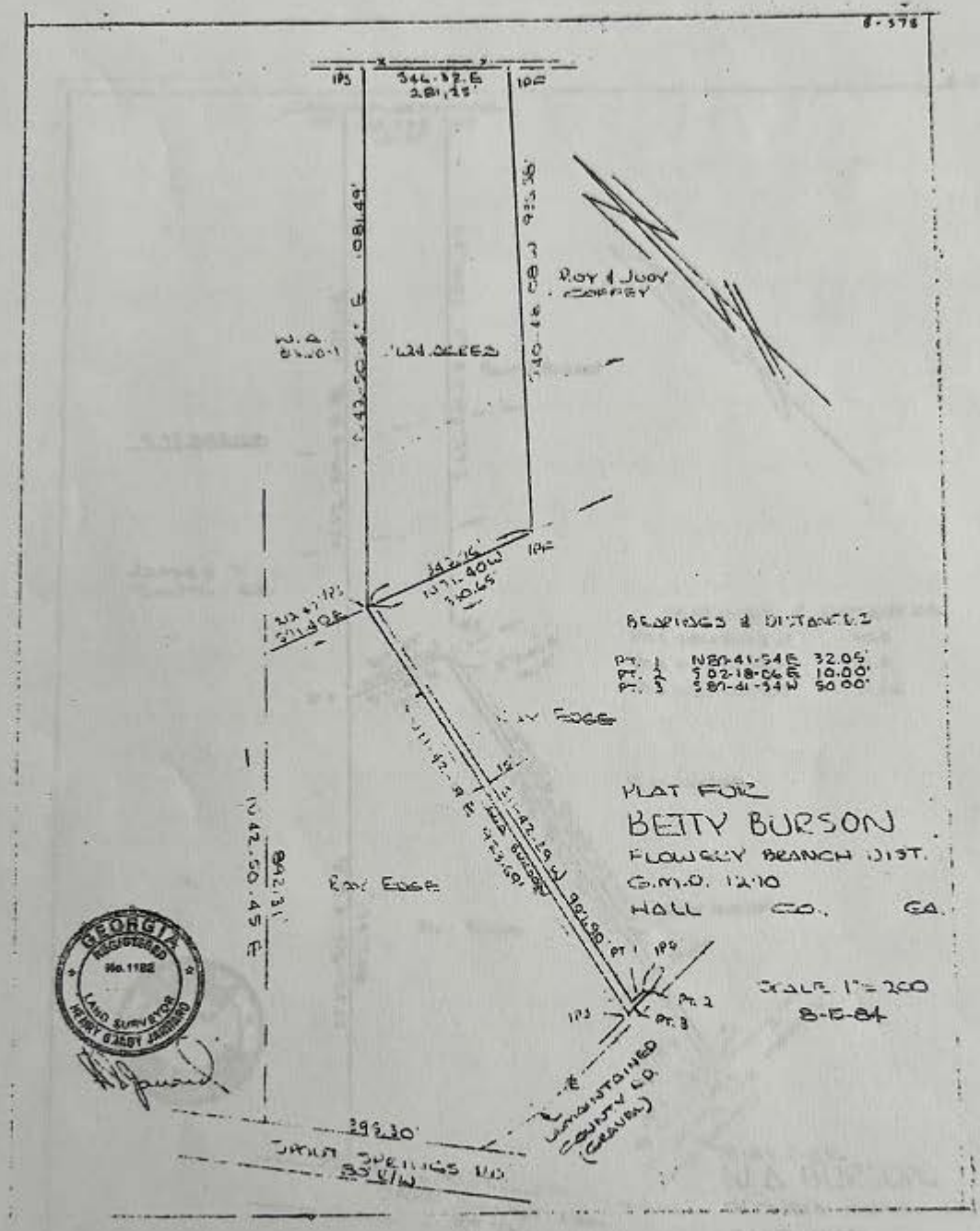
LEVEL 3 SOIL SURVEY

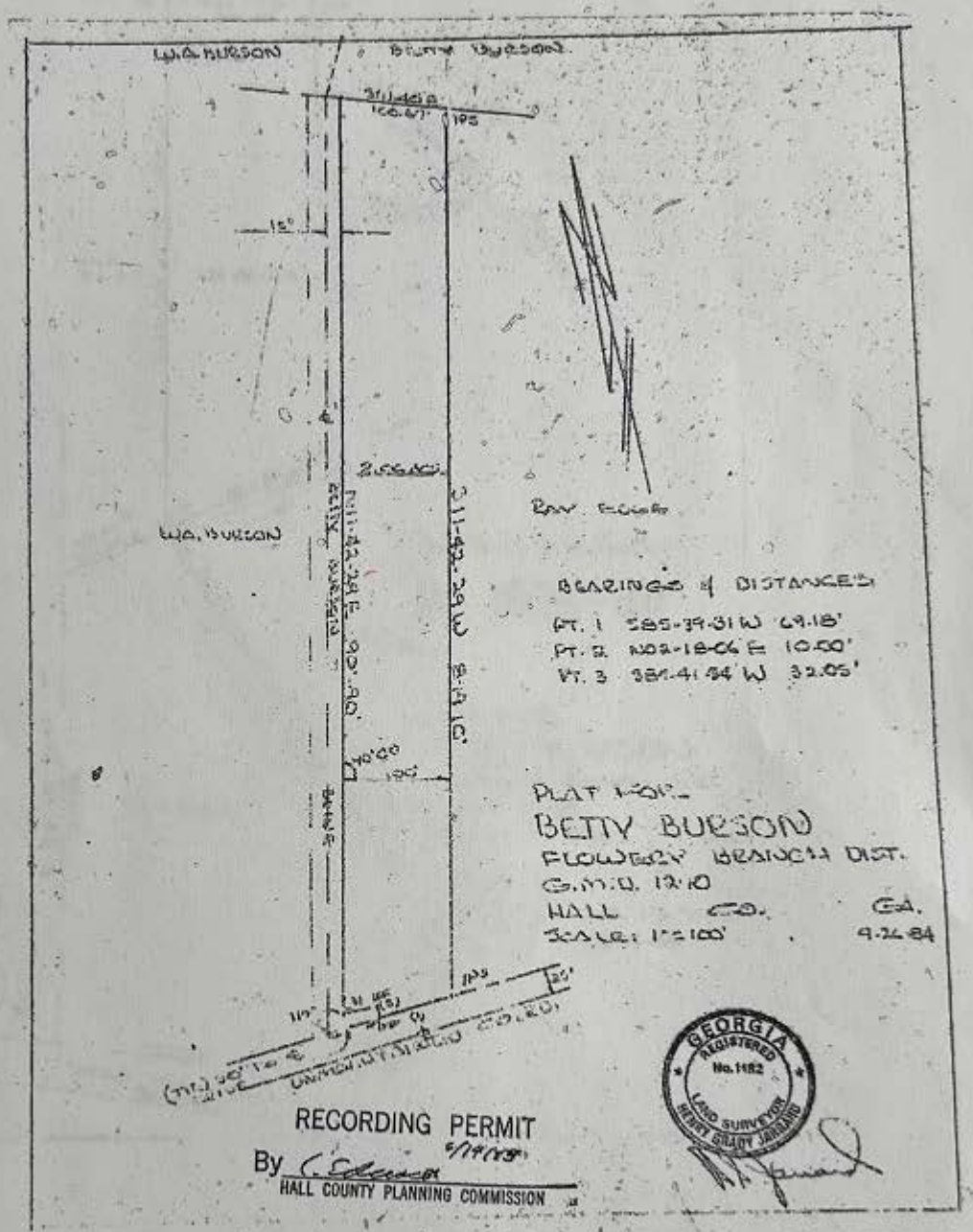
The information contained in this report is based on the professional opinion and judgement of Summit Soil Consulting, Inc. The soil scientist has no control over the permitting, design, installation, or maintenance of septic systems. Therefore, the soil scientist does not guarantee the performance of any septic system installed on this property.

These documents and permitted reproductions, in whole or in part, are propietary of *Summit Soil Consulting Inc*. and should not be reproduced or used for any other purposes, unless otherwise agreed to, other than those indicated herein and are subject to written permission, release and due compensation to *Summit Soil Consulting, Inc.*

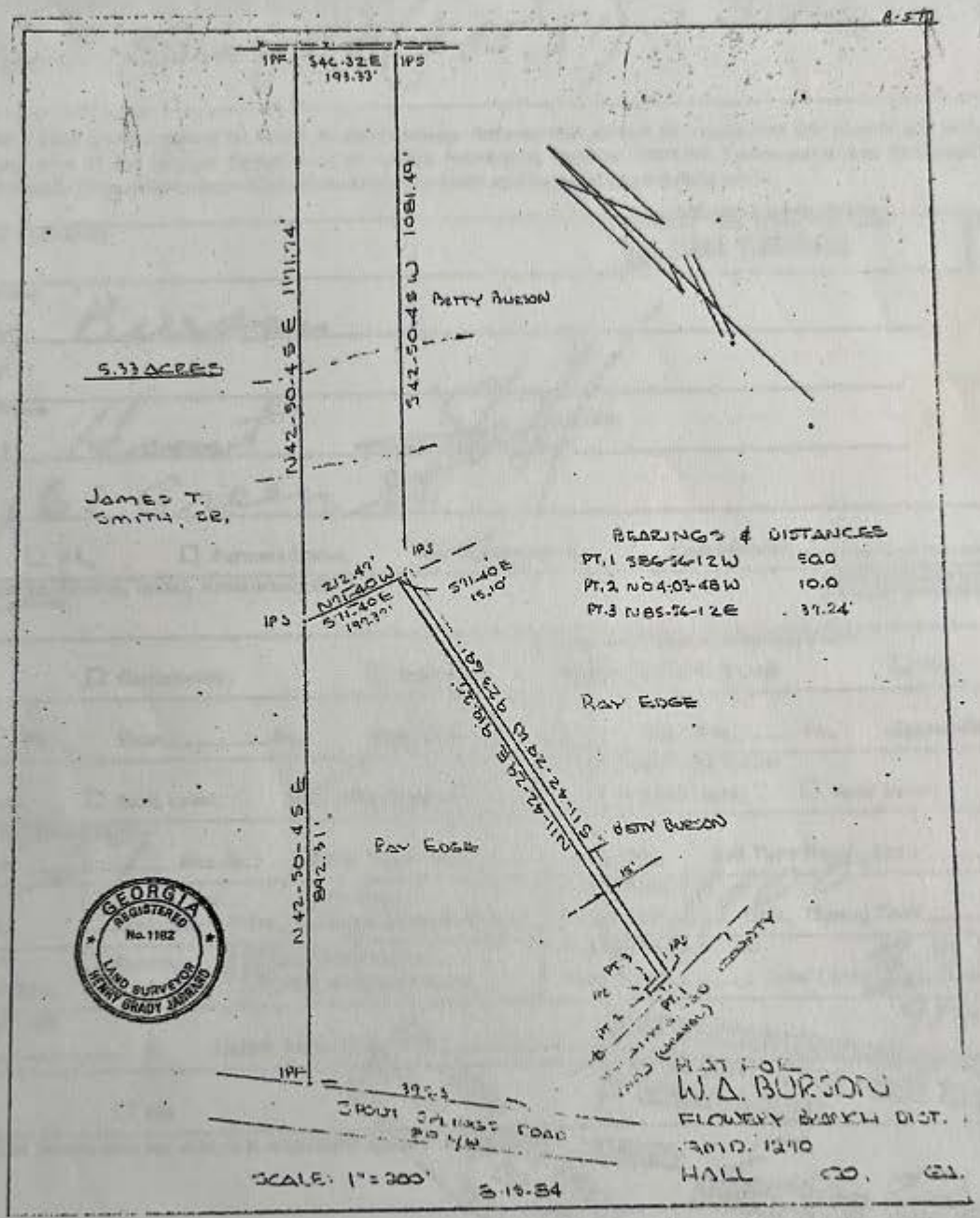
ALL RIGHTS RESERVED

Summit Soil Consulting Inc.
Soil Surveying Site Plans Wetlands Delineation Septic Design Consulting
(770) 965-1617
853 RAY PALMER RD CLEVELAND GA 30528
Web : summitsoil.com EMAIL SUMMITSOIL@GMAIL.COM


PLAT FOR
BETTY BURSON
FLOWERY BRANCH DIST.
G.M.D. 1210
HALL CO. GA.
SCALE 1"=200
8-15-84
BEARINGS & DISTANCES
PT. 1 N87-41-54E 32.05'
PT. 2 S02-18-06E 10.00'
PT. 3 S87-41-54W 50.00'
ROY & JUDY COFFEY
RAY EDGE
RAY EDGE
SPOUT SPRINGS RD.
GEORGIA
REGISTERED
No. 1182
LAND SURVEYOR
HENRY GRADY JARRARD

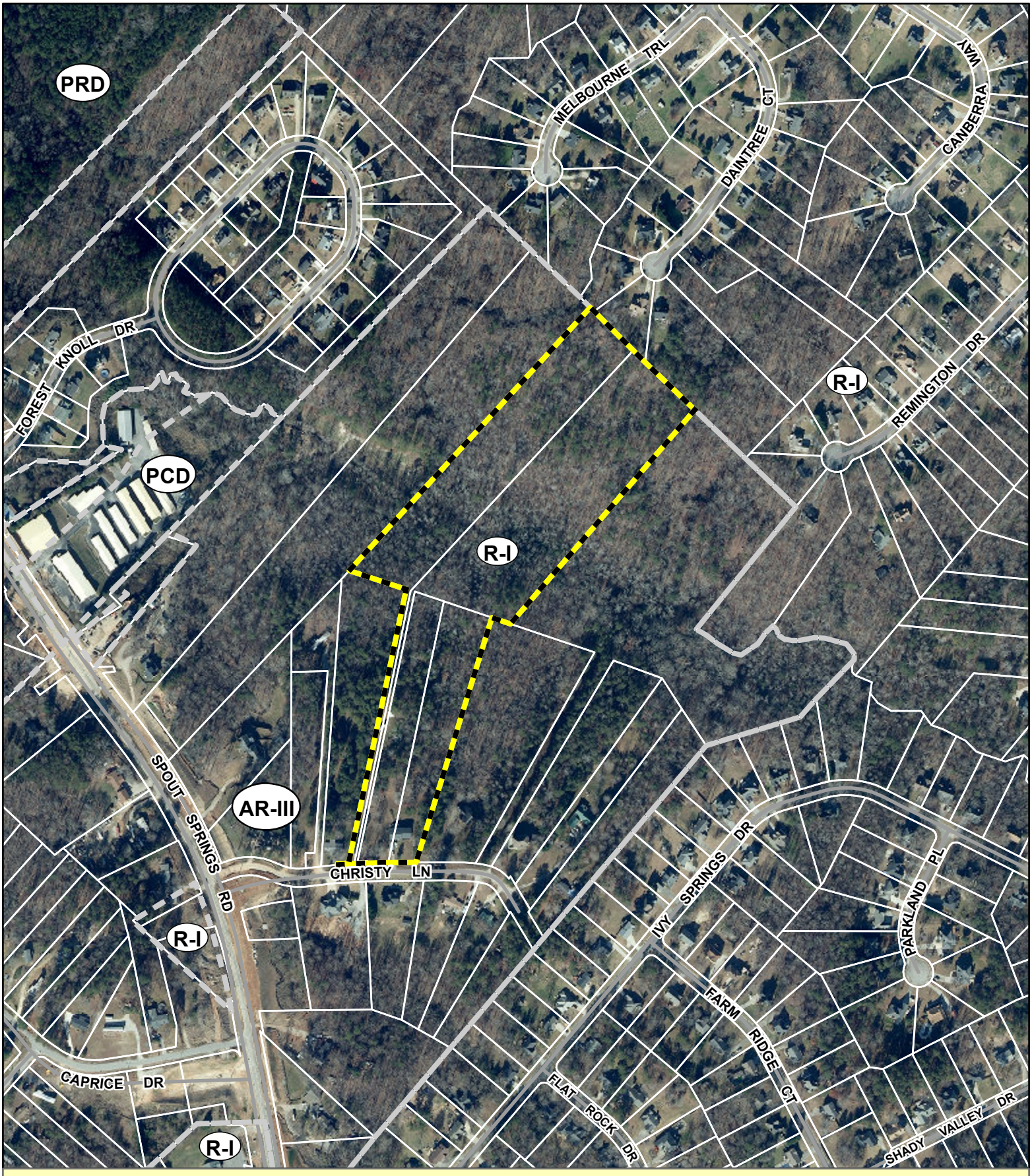


Recorded June 14, 1985 — Dwight S. Wood, Clerk



Recorded Sept. 19, 1986

Dwight S. Wood, Clerk



Applicant: JAMES AND AMANDA EDWARDS

Tax Parcel #: 15046 000087, 000088, 000089 & 000100

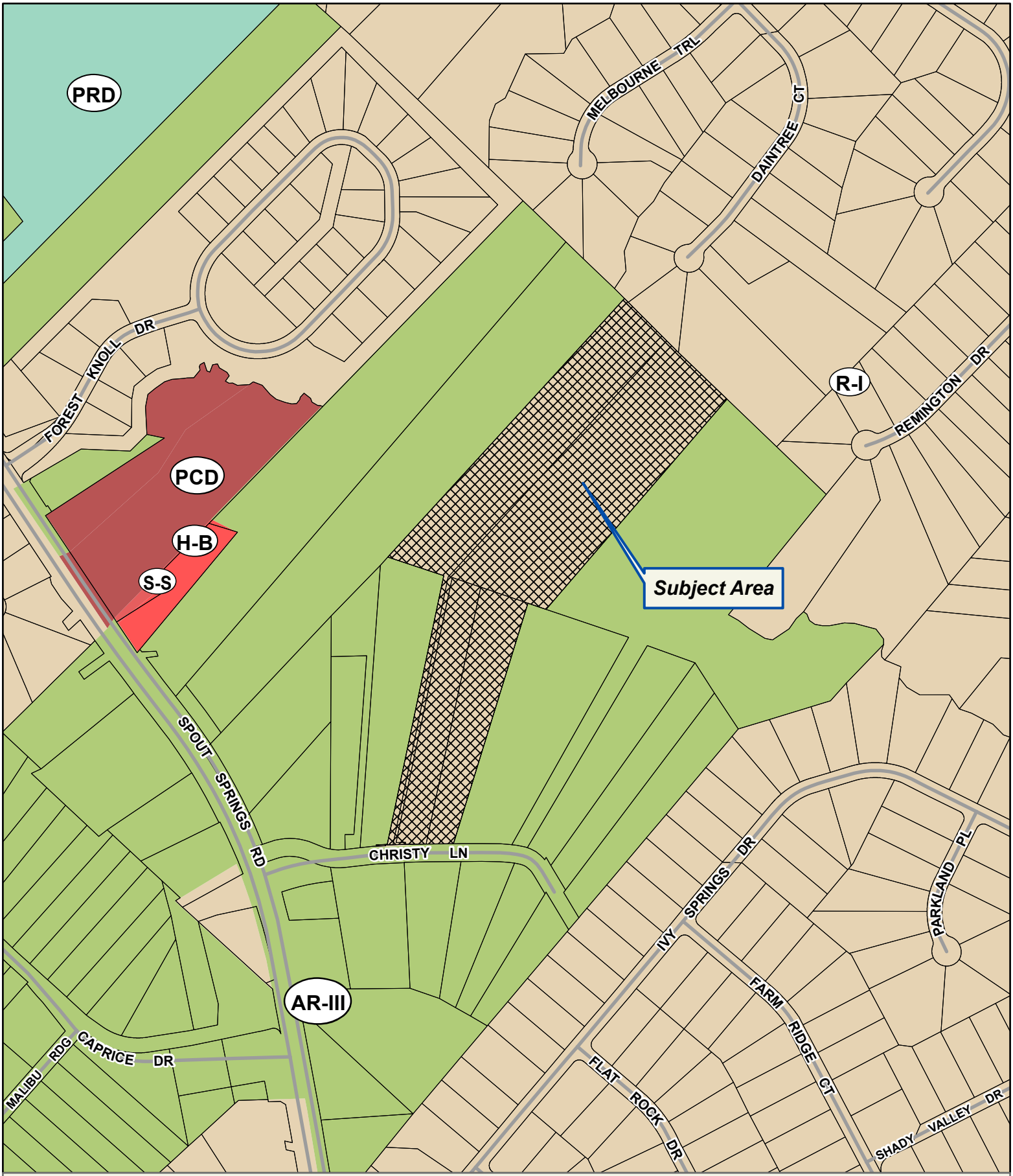
Location: 6189, 6191, 6193 & 6195 CHRISTY LANE, FLOWERY BRANCH, GA 30542

Commission District 1 **PC Mtg. Date: 04/01/2024**

0 100 200 400
Feet

Zoning Boundary
City Limits
Subject Area

N



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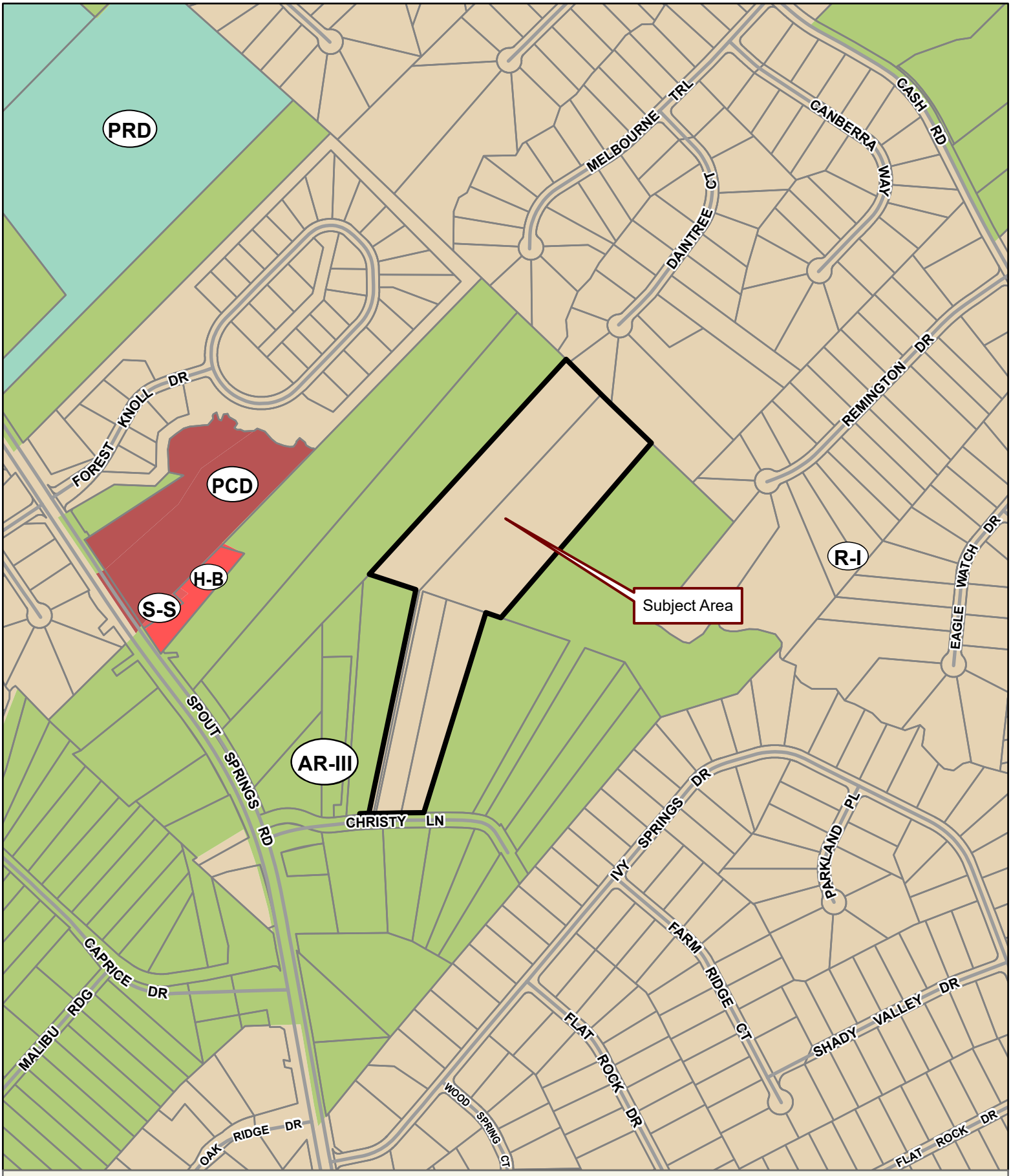
Commission District 1 **PC Mtg. Date: 04/01/2024**

0 100 200 400
Feet

Zoning Boundary
City Limits
Subject Area
Structure

N



Applicant: JAMES AND AMANDA EDWARDS
Tax Parcel #: 15046 000087, 000088, 000089 & 000100
Location: 6189, 6191, 6193 & 6195 CHRISTY LANE, FLOWERY BRANCH, GA 30542
Commission District 1 **PC Mtg. Date: 04/01/2024**

0 150 300 600
Feet

Zoning Boundary
City Limits
Subject Area
Structure

N

Return to:
O'Kelley & Sorohan, Attorneys at Law, LLC
1305 Mall of Georgia Blvd, Suite 180
Buford, GA 30519
File No.: 04-225528-KWS

eFiled and eRecorded
DATE: 11/15/2022
TIME: 10:23 AM
DEED BOOK: 9225
PAGE: 596 - 596
FILING FEES: $25.00
TRANSFER TAX: $600.00
PARTICIPANT ID: 8274269752
PT61: 069-2022-009787
RECORDED BY: NB
CLERK: Charles Baker, C.S.C
Hall County, GA

STATE OF GEORGIA
COUNTY OF GWINNETT

LIMITED WARRANTY DEED

THIS INDENTURE, made on **14th day of November, 2022**, between

Dustin Parker

(hereinafter referred to as "Grantor") and

Amanda Edwards and James Edwards, as joint tenants with rights of survivorship

(hereinafter referred to as "Grantee"), the words "Grantor" and "Grantee" to include the heirs, executors, legal representatives, successors and assigns of said parties where the context requires or permits; WITNESSETH:

THAT Grantor, for and in consideration of the sum of TEN DOLLARS ($10.00) AND OTHER GOOD AND VALUABLE CONSIDERATIONS, in hand paid, at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged by Grantor, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto Grantee,

All that tract or parcel of land lying and being in G.M.D. 1270, Flowery Branch District, Hall County, Georgia, containing 2.06 acres, more or less, as per plat for Betty Burson, prepared by Henry Grady Jarrard, Registered Surveyor, dated September 26, 1984, and being recorded in Plat Book 103, Page 195, Hall County, Georgia Records, said plat being incorporated herein by reference thereto.
Together With:
All that tract or parcel of land lying and being in G.M.D. 1270, Flowery Branch District, Hall County, Georgia, containing 7.24 acres, more or lees, according to a plat entitled "Plat for Betty Burson", prepared by Henry Grady Jarrard, Registered Surveyor, dated August 15, 1984, and recorded in Plat Book 121, Page 158, Hall County, Georgia Records, said plat being incorporated herein by reference thereto.
Together With:
All that tract or parcel of land lying and being in G.M.D. 1270, Flowery Branch District, Hall County, Georgia, containing 5.33 acres, more or less, according to a plat entitled "Plat for W.A. Burson", prepared by Henry Grady Jarrard, Registered Surveyor, dated August 15, 1984, and recorded Plat Book 114, Page 218, Hall County, Georgia Records, said plat being incorporated herein by reference thereto.
Together With:
All that tract or parcel of land lying and being in G.M.D. 1270, Flowery Branch District, Hall County, Georgia, containing 2.51 acres, more or less, as per survey prepared by Owens Patton, Surveyor, dated 9-3-1985, and being more particularly described as follows: Beginning at a point on the North right of way of Public Gravel Road 554.70 feet East from the center of Spout Springs Road; thence running North 11 degrees 36 minutes 58 seconds East along other property of Burson, a distance of 878.54 feet to an iron pin; thence running South 71 degrees 37 minutes 33 seconds East a distance of 166.84 feet to an iron pin; thence running South 16 degrees, 53 minutes West along property of Gibbs, a distance of 844.47 feet to an iron pin on the North right of way of Pubic Gravel Road; thence running South 89 degrees 56 minutes 49 seconds West along said right of way in distance of 90 feet to an iron pin, the same being the point of beginning.

TOGETHER WITH all and singular the rights, members and appurtenances thereto (hereinafter collectively referred to as the "Premises") , the same being, belonging, or in anywise appertaining to the only proper use, benefit and behoof of Grantee.
Subject to all easements, rights of way, and restrictive covenants of record (hereinafter referred to as the "Exceptions").
TO HAVE AND TO HOLD the Premises, subject to the Exceptions, to the only proper use, benefit and behoof of Grantee, forever, in FEE SIMPLE, and Grantor will, subject to the Exceptions, warrant and forever defend the right and title to the Premises unto Grantee against the claims of all person claiming by, through or under Grantor, but not otherwise.

IN WITNESS WHEREOF, Grantor has executed this instrument under seal, as of the date first above written.

Signed, sealed and delivered
in the presence of:

Unofficial Witness

Notary Public
Commission expires: _____

Dustin Parker

TANYA STOLEVSKI NOTARY PUBLIC GEORGIA BARROW COUNTY EXPIRES AUGUST 8, 2026

Anael Dominguez (CDI: Planning)

From: Emily McGahee (Environmental Health)
Sent: Friday, February 23, 2024 4:24 PM
To: Anael Dominguez (CDI: Planning); Beth Garmon (CDI: Planning); Randi Doveton (CDI: Planning)
Cc: Kelly Hairston (Environmental Health); Chad Harper (Environmental Health)
Subject: HCPC Tentative Agenda 4.1.24

Please find Environmental Health comments below:

Item 1, 2615 Pemmican Run, Conner: All proposed structures must meet all residential permitting requirements and/or required setbacks to existing septic system. Area for a feasible, full conventional recovery system must be available. An existing system evaluation/site visit will be required for system serving existing home on property. Additional requirements apply if increasing the number of bedrooms.

Item 2, 3302/3212 Antioch Campground Road, The Revive Land Group: No comment. Public sewer.

Item 3, 6189/6191/6193/6196 Christy Lane, Edwards: All proposed lots must meet Hall County Board of Health Lot Size Resolution requirements. Please note that Zoning approval does not imply approval from other county departments. Further determination will be made during the plat review process. All proposed plats must be submitted to the Hall County Plat Review Team for review and approval prior to submittal to Clerk of Courts for recordation.

Emily McGahee
Hall County Environmental Health
Hall County Government Center
2875 Browns Bridge Road
Mailing: PO Box 5901
Gainesville, GA 30504
(770) 531-3973 (phone)
emcgahee@hallcounty.org

http://dph.georgia.gov/environmental-health (State Website)
http://www.phdistrict2.org/HallCounty.htm (District Website)
https://www.hallcounty.org/192/Environmental-Health (County Website & Forms)

EMAIL Reader Advisory Notice: Email to and from a Georgia state agency is generally public record, except for content that is confidential under specific laws. Security by encryption is applied to all confidential information sent by email from the Georgia Department of Public Health (DPH). This message is only intended for specific recipient(s) and may contain privileged, private, or sensitive information. If you received this message in error, please delete it, and contact me.

Anael Dominguez (CDI: Planning)

To: Chavers, Veronica E
Subject: RE: Tentative Planning Agenda for April 1, 2024

From: Chavers, Veronica E <VChavers@dot.ga.gov>
Sent: Thursday, February 29, 2024 9:19 AM
To: Anael Dominguez (CDI: Planning) <adominguez@hallcounty.org>; Beth Garmon (CDI: Planning) <bgarmon@hallcounty.org>
Subject: RE: Tentative Planning Agenda for April 1, 2024

Some people who received this message don't often get email from vchavers@dot.ga.gov. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comments in red below.

From: Anael Dominguez (CDI: Planning)
Sent: Thursday, February 22, 2024 9:25 AM
To:
Subject: Tentative Planning Agenda for April 1, 2024

Good morning –

Here is the Tentative Agenda and Maps for the **Monday, April 1, 2024** Hall County Planning Commission Meeting.

Please use the links to review the documents and respond with comments to Hall County Planning and Development. Failure to provide comments in a timely manner may result in the information not being included in the staff report.

When submitting comments, please include the name of the applicant along with the address of the property with the corresponding comment.

Comments are due by **Thursday, February 29th.** Email comments to Beth (bgarmon@hallcounty.org) and Ana (adominguez@hallcounty.org).

CALL TO ORDER

AGENDA REVIEW

APPROVAL OF MINUTES – March 18, 2024

NEW BUSINESS

1. **2615 Pemmican Run | Variance |** 17.240.010. to reduce the front yard setback | on a 1.33± acre tract located on the south side of Pemmican Run, approximately 2,400 feet from its intersection with Bruce Drive | Zoned V-C; Tax Parcel 08004 000001A | **Proposed Use: Single-family residence** | * Commission District 2 | **Bridget Conner, applicant** **GDOT coordination not required**

2. **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract

located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | ** Commission District 2 | **The Revive Land Group, LLC, applicant** **GDOT coordination not required**

3. **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 | **Proposed Use: 4-lot single-family development** | ** Commission District 1 | **James & Amanda Edwards, applicant** **GDOT coordination not required**

*The Planning Commission's decision will be the final action taken unless appealed to the Board of Commissioners. To do so, file an application with the Planning Department within 30 days of the Planning Commission's decision. The Hall County Board of Commissioners will hear appeals at a public hearing Wednesday, May 8, 2024, at 6:00 p.m. at the Hall County Government Center, 2nd Floor Meeting Room, 2875 Browns Bridge Road, Gainesville, Georgia.

**The Planning Commission's recommendation will be forwarded to the Board of Commissioners for final action at a public hearing on Wednesday, May 8, 2024. The Board will meet at 6:00 p.m. at the Hall County Government Center, 2nd Floor Meeting Room, 2875 Browns Bridge Road, Gainesville, Georgia.

Thank you,
Ana Dominguez
Planning Commission Clerk
Hall County Community Development and Infrastructure
(770) 531-6810 | www.hallcounty.org

HALL COUNTY
GEORGIA
We have it all in Hall

Human trafficking impacts every corner of the globe, including our state and local communities. Georgia DOT is committed to end human trafficking in Georgia through education enabling its employees and the public to recognize the signs of human trafficking and how to react in order to help make a change. To learn more about the warning signs of human trafficking, visit https://doas.ga.gov/human-resources-administration/human-trafficking-awareness/trafficking-in-georgia. To report any suspicious activity, call the Georgia Human Trafficking Hotline at 866-363-4842. Let's band together to end human trafficking in Georgia.

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.531.6800 | f: 770.531.3945

DIRECTOR
Srikanth Yamala

PUBLIC WORKS AND
UTILITIES DIRECTOR
Bill Nash, P.E.

Hall County Government

COMMUNITY DEVELOPMENT AND INFRASTRUCTURE
PUBLIC WORKS AND UTILITIES

MEMORANDUM

To: Randi Doveton, Director of Planning and Development

From: Bill Nash, Director of Public Works and Utilities

Date: February 29, 2024

Subject: April 1, 2024 - Hall County Planning Commission Agenda

Please be advised that our office has reviewed the Hall County Planning Commission agenda for the April 1, 2024 meeting. Upon review, we provide the following comments.

NEW BUSINESS

1. **2615 Pemmican Run | Variance |** 17.240.010. to reduce the front yard setback | on a 1.33± acre tract located on the south side of Pemmican Run, approximately 2,400 feet from its intersection with Bruce Drive | Zoned V-C; Tax Parcel 08004 000001A | **Proposed Use: Single-family residence** | * Commission District 2 | **Bridget Conner, applicant**

   a. **Engineering:** Show FEMA and Hall County studied Flood plains that are present on site
   b. **Traffic:** No comment.
   c. **Utilities**: City of Gainesville Sewer district

2. **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | ** Commission District 2 | **The Revive Land Group, LLC, applicant**

   a. **Engineering:** This site may require a stormwater management report should the site plan indicate the proposed development meets stormwater thresholds for impervious surfaces and/or disturbed acreage.
   Show FEMA and Hall County studied Flood plains that are present on site
   Show stream buffer and impervious setback from wrested vegetation not centerline of stream.
   b. **Traffic:** Roadways must meet Hall County subdivision regulations (code Chapter 16).
   Decel (right turn) lanes are required for both proposed access points per code 16.60.290.
   Mail kiosk must meet post master and Hall County standards.
   c. **Utilities:** City of Gainesville sewer district

3. **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 | **Proposed Use: 4-lot single-family development** | ** Commission District 1 | **James & Amanda Edwards, applicant**

   a. **Engineering:** Show stream buffer and impervious setback from wrested vegetation not centerline of stream**.**
      All Stream crossing pipe system to be reviewed by engineering.
   b. **Traffic:** No comment
   c. **Utilities:** Hall County sewer district – No connection within feasible distance.

Anael Dominguez (CDI: Planning)

From: John Hornick (Fire Services)
Sent: Thursday, February 29, 2024 8:44 AM
To: Anael Dominguez (CDI: Planning)
Cc: Randi Doveton (CDI: Planning)
Subject: Fire Comments

Monday, April 1, 2024 Hall County Planning Commission Meeting.

6189, 6191, 6193 & 6195 Christy Lane | Rezone | from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 | **Proposed Use: 4-lot single-family development** | ** Commission District 1 | **James & Amanda Edwards, applicant**

The Hall County Fire Marshal's Office has no comments as proposed.

Regards,

John Hornick, NPQ Fire Service Plans Examiner 1
Lieutenant, Hall County Fire Rescue
Hall County Government
Main: 770-531-6838 | Cell: 404-597-0083
Website: www.Hallcounty.org

ZONING NOTICE
AN APPLICATION HAS BEEN FILED WITH HALL COUNTY IN REGARD TO THE ZONING REGULATIONS AS THEY APPLY TO THIS PROPERTY
APPLICANT: JAMES & AMANDA EDWARDS
REQUEST: REZONE FROM R-1 TO AR-111 FOR A 4-LOT SINGLE-FAMILY DEVELOPMENT
PUBLIC HEARINGS WILL BE HELD ON:
PLANNING COMMISSION
Date: APR 01, 2024
Time: 5:15 PM
&
COUNTY COMMISSION
Date: MAY 08, 2024
Time: 6:00 PM
HALL COUNTY GOVERNMENT CENTER, 2875 BROWNS BRIDGE ROAD, GAINESVILLE, GA
FOR MORE INFORMATION CALL: (770) 531-6809

AGENDA ITEM

Public Hearing to amend Hall County's Zoning Map as follows:

REPORT TO: **Work Session (05/06/24)**

REPORT TO: **Voting Meeting (05/08/24)**

ITEM NO: 224/2024

SUBJECT: **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 **| Proposed Use: 115-lot single-family development |** Commission District 2 **| The Revive Land Group, LLC, applicant**

Meetings:

Work Session Date: 05/06/24 **Voting Meeting Date:** 05/08/24

Executive Summary:

Presenter: BG
Recommendation:

Approval, with conditions:

1. The property shall be developed in accordance with the site plan dated March 29, 2024, and as described in the project narratives provided by the applicant, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.
2. No variances or development exceptions are granted as part of this request unless explicitly listed herein.
3. The development shall be limited to 114 single-family homes.
4. The minimum heated floor area (HFA) shall be 1,800 square feet.
5. Building elevations shall be composed of a mixture of cement siding, stone, and/or brick façade, with a minimum of brick or stone accents on the front of the homes. The balance of the home may be the same material or of fiber-cement material. Vinyl siding is prohibited. Homes shall be consistent with the submitted renderings. Final review and approval of building elevations is subject to the Assistant Director of Planning and Development, or their designee.
6. Front-entry garage orientation may be semi-flush with the front façade, protruding no greater than 8 feet beyond the front façade as shown on the submitted plan elevations included in the project narrative. Garage door width shall not exceed 46% of the width of the front façade of the residence. No part of the residential structure shall be closer than 25 feet to the front property line.
7. The development shall be served by public sewer, with the obtainment of all required easements and other construction costs such as a lift station and force main to be the responsibility of the developer.
8. All lots shall access internal subdivision roads only. No lot shall have direct access to Antioch Campground Road, Looper Lake Road, or Allison Road.
9. All existing structures must be removed from the property prior to any residential building permits being issued.
10. The development shall be limited to a maximum of ten model homes prior to recording of the final plat. All life-safety regulations shall be satisfied prior to the issuance of a permit for a model home.
11. All designated open space, buffer areas, and stormwater detention ponds within the development shall be commonly held, and not by any individual homeowner(s).
12. All conditions of zoning shall be made a part of any plats or construction plans created for the subdivision.
13. According to 17.180.060.B.6.a There shall be two trees per lot. Trees shall be considered understory species, and may or may not be flowering trees, and shall not exceed a maximum mature height of 30 feet. Trees species are to be approved by the Assistant Director of Planning and Development, or their designee.
14. HOA, or property owner if located on a private individual lot, will be responsible for any portion of the sewer system not dedicated to the City of Gainesville and any sewer maintenance necessary for sewer lines not located within the public right-of-way or easements.
15. All chain link fencing around detention pond areas shall be black vinyl-coated. This standard shall not be applicable to the detention pond closest to Antioch Campground Road, which shall be designed as a shallow grassed and/or landscaped pond to maximize aesthetic appeal as shown in Exhibit A.
16. The lots impacted by the stormwater pond referenced in Exhibit A may be reduced in area to a minimum of 6,000 square feet. No more than 15 lots affected by this stormwater pond shall be permitted to be less than 8,000 square feet.
17. Development shall be age restricted, following HUD guidelines for 55+ communities.
18. A 10-foot landscape strip with an ornamental iron fence with brick or stone columns shall be installed along Antioch Campground Road. The applicant or developer shall have the option to install a fence and column of the same design along all portions of Allison Road, with prior notification of the Assistant Director of Planning and Development, and her acknowledgment.
19. Amenities including nature trail, pickleball courts, dog park, fire pit, and clubhouse shall be completed prior to twenty-five percent (25%) build-out. The developer shall have the option to construct a swimming pool instead of the pickleball courts. Additional amenities may be constructed by the developer at the discretion and approval of the Assistant Director of Planning and Development.
20. All retaining wall finishes shall be tumbled face products in natural stone colors.
21. Homes shall feature decorative carriage-style garage doors. A minimum of five (5) lots shall have homes with side-entry garages.
22. The pump station and discharge line shall be designed and constructed in such a way to accommodate only the subject development. The pump station shall not be upgraded or expanded to accommodate any future development.
23. Sidewalks shall be 5 feet wide on both sides of the road.
24. All traffic engineering standards shall be met, and associated costs shall be the sole responsibility of the developer.
25. The following statement regarding the potential impacts of agricultural operations in the area shall be made a part of any plat recorded on the property: "Owners, occupants, and users of property shown on this plat are hereby informed of the impacts associated with normal farming practices which may take place on adjacent and nearby property including, but not limited to, noise, odors, dust, the operation of machinery of any kind, the storage and disposal of manure, and the application of fertilizers, herbicides, and pesticides. Therefore, owners, occupants, and users of the property shown on this plat should be prepared to expect the effects of such practices."
26. Short Term Rentals shall be prohibited.

Purpose of Request: **History:**

3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone | from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | Commission District 2 | **The Revive Land Group, LLC, applicant**

Facts and Issues:	**Options:**
Funding Requested	$ 0.00
Are funds within current budget?	No
Source of Funds	
Does the action involve a Resolution, Ordinance, Contract, Agreement, etc.?	No
Has it been reviewed by the County Attorney?	Yes
Is there a deadline for this item?	

Approvals:

Submit	Approve	Attorney	Administration
AD	BG	WLI	CR
Clerk			
JR			

Attachments:
Board Memo
Recommendation Report
Application
Camden Plan Amendment Request
Applicants Redline Conditions
Additional Supplemental Narrative 3-29-2024
Exhibit A
Supplemental Narrative 2-29-2024
Original Narrative
Updated Site Plan 4-29-2024
Updated Site Plan 3-29-2024
Updated Site Plan 3-26-2024
Updated Site Plan 2-29-2024
Original Site Plan
Maps
Renderings
Deed
Legal Description
Updated Traffic Study - as of 5/7/2024
Traffic Impact Study
Environmental Health Comments
GDOT Comments
Public Works Comments
Fire Comments
Notice Sign Photos

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.531.6809 | f: 770.531.3902

PLANNING AND DEVELOPMENT DIRECTOR
Randi Doveton

ASSISTANT DIRECTOR
Beth Garmon

Hall County Government

COMMUNITY DEVELOPMENT AND INFRASTRUCTURE
PLANNING AND DEVELOPMENT

To: Richard Higgins, Chairman
Kathy Cooper, District 1 Commissioner
Billy Powell, District 2 Commissioner
Gregg Poole, District 3 Commissioner
Jeff Stowe, District 4 Commissioner

From: Beth Garmon, Assistant Director of Planning & Development

Date: April 22, 2024

Subject: **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract **| Proposed Use: 115-lot single-family development | The Revive Land Group, LLC, applicant**

The request before you is the request of The Revive Land Group, LLC to rezone from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) to allow a 115-lot single-family development. This item is located within Commission District 2.

At their April 1, 2024 meeting, the Hall County Planning Commission voted to recommend approval with twenty-six (26) conditions **(5-0)**.

Staff recommendation: **Denial,** as the proposed use is inconsistent with surrounding zoning districts and the Comprehensive Plan.

There were **no comments submitted** in advance of the Planning Commission meeting and **three (3) people spoke in opposition during the public hearing.**

Planning Commission Conditions:

1. The property shall be developed in accordance with the site plan dated March 29, 2024, and as described in the project narratives provided by the applicant, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.
2. No variances or development exceptions are granted as part of this request unless explicitly listed herein.
3. The development shall be limited to 114 single-family homes.
4. The minimum heated floor area (HFA) shall be 1,800 square feet.
5. Building elevations shall be composed of a mixture of cement siding, stone, and/or brick façade, with a minimum of brick or stone accents on the front

of the homes. The balance of the home may be the same material or of fiber-cement material. Vinyl siding is prohibited. Homes shall be consistent with the submitted renderings. Final review and approval of building elevations is subject to the Assistant Director of Planning and Development, or their designee.

6. Front-entry garage orientation may be semi-flush with the front façade, protruding no greater than 8 feet beyond the front façade as shown on the submitted plan elevations included in the project narrative. Garage door width shall not exceed 46% of the width of the front façade of the residence. No part of the residential structure shall be closer than 25 feet to the front property line.
7. The development shall be served by public sewer, with the obtainment of all required easements and other construction costs such as a lift station and force main to be the responsibility of the developer.
8. All lots shall access internal subdivision roads only. No lot shall have direct access to Antioch Campground Road, Looper Lake Road, or Allison Road.
9. All existing structures must be removed from the property prior to any residential building permits being issued.
10. The development shall be limited to a maximum of ten model homes prior to recording of the final plat. All life-safety regulations shall be satisfied prior to the issuance of a permit for a model home.
11. All designated open space, buffer areas, and stormwater detention ponds within the development shall be commonly held, and not by any individual homeowner(s).
12. All conditions of zoning shall be made a part of any plats or construction plans created for the subdivision.
13. According to 17.180.060.B.6.a There shall be two trees per lot. Trees shall be considered understory species, and may or may not be flowering trees, and shall not exceed a maximum mature height of 30 feet. Trees species are to be approved by the Assistant Director of Planning and Development, or their designee.
14. HOA, or property owner if located on a private individual lot, will be responsible for any portion of the sewer system not dedicated to the City of Gainesville and any sewer maintenance necessary for sewer lines not located within the public right-of-way or easements.
15. All chain link fencing around detention pond areas shall be black vinyl-coated. This standard shall not be applicable to the detention pond closest to Antioch Campground Road, which shall be designed as a shallow grassed and/or landscaped pond to maximize aesthetic appeal as shown in Exhibit A.
16. The lots impacted by the stormwater pond referenced in Exhibit A may be reduced in area to a minimum of 6,000 square feet. No more than 15 lots affected by this stormwater pond shall be permitted to be less than 8,000 square feet.
17. Development shall be age restricted, following HUD guidelines for 55+ communities.
18. A 10-foot landscape strip with an ornamental iron fence with brick or stone columns shall be installed along Antioch Campground Road. The applicant or developer shall have the option to install a fence and column of the

same design along all portions of Allison Road, with prior notification of the Assistant Director of Planning and Development, and her acknowledgment.

19. Amenities including nature trail, pickleball courts, dog park, fire pit, and clubhouse shall be completed prior to twenty-five percent (25%) build-out. The developer shall have the option to construct a swimming pool instead of the pickleball courts. Additional amenities may be constructed by the developer at the discretion and approval of the Assistant Director of Planning and Development.
20. All retaining wall finishes shall be tumbled face products in natural stone colors.
21. Homes shall feature decorative carriage-style garage doors. A minimum of five (5) lots shall have homes with side-entry garages.
22. The pump station and discharge line shall be designed and constructed in such a way to accommodate only the subject development. The pump station shall not be upgraded or expanded to accommodate any future development.
23. Sidewalks shall be 5 feet wide on both sides of the road.
24. All traffic engineering standards shall be met, and associated costs shall be the sole responsibility of the developer.
25. The following statement regarding the potential impacts of agricultural operations in the area shall be made a part of any plat recorded on the property: “Owners, occupants, and users of property shown on this plat are hereby informed of the impacts associated with normal farming practices which may take place on adjacent and nearby property including, but not limited to, noise, odors, dust, the operation of machinery of any kind, the storage and disposal of manure, and the application of fertilizers, herbicides, and pesticides. Therefore, owners, occupants, and users of the property shown on this plat should be prepared to expect the effects of such practices.”
26. Short Term Rentals shall be prohibited.

HALL COUNTY PLANNING COMMISSION
RECOMMENDATION REPORT

Applicant ..... The Revive Land Group, LLC

Request ..... Rezone from Agricultural Residential III (AR-III, 17.110) to Planned Residential Development (PRD, 17.180.060)

Proposed Use ..... 115-lot single-family development

Size ..... 59.31± acres

Zoning ..... Current Agricultural Residential III (AR-III 17.110) | Proposed Planned Residential Development (PRD, 17.180.060)

Location ..... **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road |** Tax Parcels 10096 000006, 000004, 000059, 000061 and 000062

Commission District ..... Two

Planning Commission Date ..... April 1, 2024

Staff Recommendation ..... **Denial,** as the proposed use is inconsistent with surrounding zoning districts and the Comprehensive Plan.

Record Number HZON24-0003

Planning Commission Recommendation.....**Approval, with conditions**
Vote: 5-0

Planning Commission Conditions:

1. The property shall be developed in accordance with the site plan dated March 29, 2024, and as described in the project narratives provided by the applicant, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.
2. No variances or development exceptions are granted as part of this request unless explicitly listed herein.
3. The development shall be limited to 114 single-family homes.
4. The minimum heated floor area (HFA) shall be 1,800 square feet.

5. Building elevations shall be composed of a mixture of cement siding, stone, and/or brick façade, with a minimum of brick or stone accents on the front of the homes. The balance of the home may be the same material or of fiber-cement material. Vinyl siding is prohibited. Homes shall be consistent with the submitted renderings. Final review and approval of building elevations is subject to the Assistant Director of Planning and Development, or their designee.

6. Front-entry garage orientation may be semi-flush with the front façade, protruding no greater than 8 feet beyond the front façade as shown on the submitted plan elevations included in the project narrative. Garage door width shall not exceed 46% of the width of the front façade of the residence. No part of the residential structure shall be closer than 25 feet to the front property line.

7. The development shall be served by public sewer, with the obtainment of all required easements and other construction costs such as a lift station and force main to be the responsibility of the developer.

8. All lots shall access internal subdivision roads only. No lot shall have direct access to Antioch Campground Road, Looper Lake Road, or Allison Road.

9. All existing structures must be removed from the property prior to any residential building permits being issued.

10. The development shall be limited to a maximum of ten model homes prior to recording of the final plat. All life-safety regulations shall be satisfied prior to the issuance of a permit for a model home.

11. All designated open space, buffer areas, and stormwater detention ponds within the development shall be commonly held, and not by any individual homeowner(s).

12. All conditions of zoning shall be made a part of any plats or construction plans created for the subdivision.

13. According to 17.180.060.B.6.a There shall be two trees per lot. Trees shall be considered understory species, and may or may not be flowering trees, and shall not exceed a maximum mature height of 30 feet. Trees species are to be approved by the Assistant Director of Planning and Development, or their designee.

14. HOA, or property owner if located on a private individual lot, will be responsible for any portion of the sewer system not dedicated to the City of Gainesville and any sewer maintenance necessary for sewer lines not located within the public right-of-way or easements.

15. All chain link fencing around detention pond areas shall be black vinyl-coated. This standard shall not be applicable to the detention pond closest to Antioch Campground Road, which shall be designed as a shallow grassed and/or landscaped pond to maximize aesthetic appeal as shown in Exhibit A.

16. The lots impacted by the stormwater pond referenced in Exhibit A may be reduced in area to a minimum of 6,000 square feet. No more than 15 lots affected by this stormwater pond shall be permitted to be less than 8,000 square feet.

17. Development shall be age restricted, following HUD guidelines for 55+ communities.

18. A 10-foot landscape strip with an ornamental iron fence with brick or stone columns shall be installed along Antioch Campground Road. The applicant or developer shall have the option to install a fence and column of the same design along all portions of Allison Road, with prior notification of the Assistant Director of Planning and Development, and her acknowledgment.

19. Amenities including nature trail, pickleball courts, dog park, fire pit, and clubhouse shall be completed prior to twenty-five percent (25%) build-out. The developer shall have the option to construct a swimming pool instead of the pickleball courts. Additional amenities may be constructed by the developer at the discretion and approval of the Assistant Director of Planning and Development.

20. All retaining wall finishes shall be tumbled face products in natural stone colors.

21. Homes shall feature decorative carriage-style garage doors. A minimum of five (5) lots shall have homes with side-entry garages.

22. The pump station and discharge line shall be designed and constructed in such a way to accommodate only the subject development. The pump station shall not be upgraded or expanded to accommodate any future development.

23. Sidewalks shall be 5 feet wide on both sides of the road.

24. All traffic engineering standards shall be met, and associated costs shall be the sole responsibility of the developer.

25. The following statement regarding the potential impacts of agricultural operations in the area shall be made a part of any plat recorded on the property: "Owners, occupants, and users of property shown on this plat are hereby informed of the impacts associated with normal farming practices which may take place on adjacent and nearby property including, but not limited to, noise, odors, dust, the operation of machinery of any kind, the storage and disposal of manure, and the application of fertilizers, herbicides, and pesticides. Therefore, owners, occupants, and users of the property shown on this plat should be prepared to expect the effects of such practices."

26. Short Term Rentals shall be prohibited.

Excerpts from the minutes of the April 1, 2024 meeting

Applicant's Presentation:

Katie Greenway, Planning and Zoning Administrator, presented a summary of the request.

Neville Allison, 3500 Lenox Road, Atlanta, presented the request. The applicant stated that Hall County has a high demand for housing it needs to address. The applicant stated that they have changed their approach to the development and instead of building traditional family two-story homes, they are proposing a community for seniors. The applicant stated that they are willing to prohibit short term rentals since they can cause issues. The applicant reviewed proffered conditions and revisions to the site plan since the initial submittal.

Rebuttal

The applicant stated the development was being proposed as a 55 and over home community to reduce traffic impacts and the overflowing of schools. The applicant stated that sewer capacity has been granted by the City of Gainesville and it cannot be tapped in by any other developments so as to avoid setting a precedent for the area.

Public Forum:

Trey Campbell, 3659 Looper Lake Point, Gainesville, spoke in opposition. Concerns were density, narrow roads, traffic, and inconsistency with the area.

Deb Parrish, 3679 Looper Lake Point, Gainesville, spoke in opposition. Concerns were density, traffic, and inconsistency with the Comprehensive Plan.

Leonard Pace, 3687 Looper Lake Point, Gainesville, spoke in opposition. Concerns were inconsistency with the area, narrow roads, traffic, and property use.

Planning Commission Comments:

Mr. Braswell requested clarification of the site plan submitted March 29, 2024. The applicant stated that the updated site plan has a reduced number of units, one entrance off Antioch Campground Road and one off Allison Road, and has been changed to 55 and over residents only. Mr. Sosebee questioned if the applicant has reached out to neighboring residents. The applicant stated that they have not. Mr. Sosebee requested clarification on the request for a 10-foot landscape strip instead of a 4-foot berm along Antioch Campground Road. The applicant stated there is an existing natural berm there so a 10-foot landscape buffer will avoid having to grade and replant the area.

Motion: ***A motion to approve, with conditions was made by Mr. Hunt and seconded by Mr. Varner. Vote: 5-0***

Staff Recommended Conditions:

1. The property shall be developed in accordance with the site plan dated February 29, 2024, and as described in the project narrative dated November 11, 2023 and supplemental narrative dated February 29, 2024, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.
2. No variances or development exceptions are granted as part of this request unless explicitly listed herein.
3. The development shall be limited to 115 single-family homes.
4. The minimum heated floor area (HFA) shall be 2,000 square feet.
5. Building elevations shall be composed of a mixture of cement siding, stone, and/or brick façade, with a minimum of brick or stone accents on the front of the homes. The balance of the home may be the same material or of fiber-cement material. Vinyl siding is prohibited. Homes shall be consistent with the submitted renderings. Final review and approval of building elevations is subject to the Assistant Director of Planning and Development, or their designee
6. Front-entry garage orientation may be semi-flush with the front façade, protruding no greater than 5 feet beyond the front façade. Garage door width shall not exceed 46% of the width of the front façade of the residence.

7. All residential driveways shall measure no less than 22 feet from the back of sidewalk to the garage door.

8. The development shall be served by public sewer, with the obtainment of all required easements and other construction costs such as a lift station and force main to be the responsibility of the developer.

9. All lots shall access internal subdivision roads only. No lot shall have direct access to Antioch Campground Road, Looper Lake Road, or Allison Road.

10. All existing structures must be removed from the property prior to any residential building permits being issued.

11. The development shall be limited to a maximum of ten model homes prior to recording of the final plat. All life-safety regulations shall be satisfied prior to the issuance of a permit for a model home.

12. All designated open space within the development shall be commonly held, and not by any individual homeowner(s).

13. All conditions of zoning shall be made a part of any plats or construction plans created for the subdivision.

The following should be considered as exceptions to the Official Code of Hall County, and shall warrant further determination by the Board should it choose to approve the submitted narrative and site plan:

- 17.180.060.B.9.B - Architectural Standards

    - Semi-flush. Garage doors shall be oriented towards the street. Garage doors shall be positioned between 5 and 20 feet behind the front wall plane of the residence, extending no more than 40 percent of the width of the residence.
        - The applicant proposes front oriented garage placements, with some renderings showing the garage doors positioned approximately 4 feet in front of the front wall plane of the residence; additionally, some renderings show the garage flush with the front plane of the residence. The applicant proposes a minimum 25' setback from right-of-way, which includes the 2' landscape strip and 5' sidewalk.

        - The applicant has proposed 16' garage doors which would be approximately 46% of the front façade.

- 17.180.060.6 – Landscape Trees

    - Landscape requirements. All requirements shall be met per chapter 17.280, tree protection. In addition, the following special items shall be addressed:
        a. A minimum of two trees per lot shall be provided or preserved in the front, side, or rear yard. Trees shall not be counted if they are located in utility easements, drainage easements, or septic drain fields. The homebuilder shall be responsible for planting or preserving the individual lot trees prior to the issuance of a certificate of

occupancy. Trees that are provided or preserved to meet the two trees per lot may not be counted toward the overall development's tree density unit requirements.
    - The applicant proposes to reduce the requirement to 1 tree per unit (115) plus any tree necessary to satisfy the development's tree density requirements.

- 17.430.100 - Open Space
    - The development shall conform to all open space requirements of sections 17.430.100 through 17.430.150, as shown under the conservation subdivision design option chapter. The only open space requirement that may differ from those standards set forth in section 17.430.110 is the open space shall comprise at least 30 percent of the gross tract area.
        - The applicant is requesting a variance from the requirements of sections 17.430.100 through 17.430.150. The site plan shows a total of 47.8% open space. Although the open space is listed as 47.8% and meets the minimum standard, the open space would not be considered 75% contiguous.

Summary Analysis

The applicant is requesting to rezone a combined 59.31± acres of property zoned Agricultural Residential III (AR-III 17.110) to Planned Residential Development (PRD, 17.180.060) for the purpose of constructing a 115-lot, 55+ age targeted development with a gross density of 1.96± units per acre. The subject property is a combination of 5 parcels, with the largest of these parcels bisected on the lower southern portion by Allison Road. The portion north of Allison Road is currently vacant and forested. South of Allison Road, there is approximately 3.8 acres which have been designated as the location for the pump station and a portion of the overall open space. This southern portion is currently developed with structures that will need to be removed prior to any development of the subject property. The development as proposed includes a 50-foot planted buffer along the exterior boundaries of the site.

The applicant has provided elevations to illustrate the style of homes as well as a description of the building materials in the narrative for the proposed development. The renderings include elevation options for one-story homes and one and a half story homes. The project narrative states that the proposed residences range between 2,008 to 2,534 square feet. The proposed residences will feature a combination of masonry, Hardie-plank materials, and shake siding. It should be noted that section 17.180.060(B)(9) of the PRD code requires that all homes have at a minimum accents of brick or stone on the front of the homes. Additionally, section 17.180.060(B)(9) of the PRD code requires front-loaded garage doors to be placed behind the front plane of the residence. The applicant has included a variance request for the front-loaded garage placement, with the garage doors to be positioned no closer than 25 feet from the right-of way, and measuring no more than 46 percent of the front façade of the residence.

The site plan includes three stormwater management areas, a pocket park, a clubhouse, a mail kiosk, two monument signs, and designates 47.8% percent of the development as open space. The open space consists of common areas, planted buffers and stormwater management areas. Per section 17.430.110(E) of the code, 75% of open space must be contiguous. The applicant has requested a variance from this standard.

The project narrative states that the subdivision will have two main access points from Antioch Campground Road. The eastern entrance will be a restricted access (right in – right out) and the other will be a full-access entrance. The development has proposed public internal streets with five-foot sidewalks constructed along both sides. The narrative includes a request for two entrance monument signs. The proposed sign will be constructed with masonry walls, wood or PVC fencing, a gate house, operable or faux gates, ornamental sculpture, and illuminated signage in accordance with the Hall County Sign Ordinance. The application does not include any renderings of the proposed sign. Per county sign regulations, residential sign area is determined by the number of lots within a development. Based on the application materials, the sign face will be limited to 32 square feet in area.

Amenities for the community will include, at minimum, walking trails, dog park, and a pocket park. The narrative also states that the developer may choose to provide a playground, passive pocket parks, fire pit, and a pool and cabana with guest parking. Furthermore, the site plan features a clubhouse, mail kiosk, and pickle ball courts. No commercial uses are proposed within the development. The cluster mailbox unit area will feature twenty parking spots, as shown in the site plan. This exceeds the minimum parking spaces for a 115-lot subdivision as per 17.180.060(B)(11).

The proposed development standards for the project are described in the table below and are compared with the PRD requirements, (17.180.060):

Standard	**PRD Requirement (17.180.060)**	**Proposed Development**
Site Area	5 acre minimum	59.31± acres
Number of Units	–	115 detached single-family residences
Density	2 units per acre maximum	1.95 units per acre
Min. Lot Area	8,000 sq. ft.	8,000 sq. ft.
Max. Building Height	–	35 feet
Min. Open Space	30%	47.8%
Exterior Buffer	50 feet	50-foot planted buffer along perimeter
Front Setback (Internal)	25 feet	25 feet
Side Setback (Internal)	5 feet	5 feet
Rear Setback (Internal)	20 feet	20 feet
Parking	2 spaces for each dwelling unit (17.250.020)	2-car garage per dwelling
Min. Heated Floor Space	–	2,008 square feet
Garage – % of front façade	55% when recessed a minimum of 20 feet behind front wall plan of residence	46% (2 styles: flush with front wall plane of residence and protruding beyond front wall plane) *

Minimum Sidewalk Width	5 feet	5 feet
Cluster Mailbox Unit (CBU)	CBU with 13 short-term parking spaces	CBU with 20 short-term parking spaces
Note: Items marked with an asterisk (*) do not conform to 17.180.060.		

Per the submitted narrative, the property will be served by Hall County sanitary sewer, and the developer will connect to utilities in the area via an onsite pump-station, with an existing force main located at the intersection of Looper Lake Road and Allison Road.

Several variances have been identified as part of this request. Any deficiencies identified as part of the plan will be required to comply with the requirements of the PRD unless specially granted by the board in the conditions of approval.

Based on the future land-use plan, staff finds the requested zoning designation is *not consistent* with the Hall County Comprehensive Plan future land use designation of "Lake Area Residential". This land use category is characterized by low-density residential development and neighborhoods. The intention of this land use category is to preserve established neighborhoods and create new permanent and vacation residential development. Future development will continue to be detached, single-family homes at low densities. The Lake Area Residential designation envisions a maximum density of 1 dwelling unit per acre, lower than the maximum density requirement within a Planned Residential Development (PRD, 17.180.060) of 2 dwelling units per acre. The development has proposed a density of 1.95 units per acre.

Zoning Analysis

When considering a zoning amendment to the zoning maps, the following items must be considered:

1. Whether the zoning proposal will permit a use that is suitable in view of the use and development of adjacent and nearby property; **The zoning proposal may be suitable given the context of the surrounding area, though the proposed development is denser than the surrounding developments with an overall density of 1.95 du/acre. The surrounding area consists of vacant land and low-density residential and agricultural uses.**

2. Whether the zoning proposal will adversely affect the existing use or usability of adjacent or nearby property; **The proposed zoning classification of Planned Residential Development (PRD, 17.180.060) will permit more intense uses than that of most adjacent or nearby parcels. This development will introduce more vehicular traffic onto Antioch Campground Road, which is a rural local road with a narrow pavement width.**

3. Whether the property to be affected by the zoning proposal has reasonable economic use as currently zoned. **The property appears to have reasonable economic use as currently zoned.**

4. Whether the zoning proposal will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, or utilities; **Per the submitted traffic study, turn lanes are not warranted at either driveway due to the low traffic volume along Antioch Campground Road. Both driveways also meet Hall County's sight distance requirements.**

5. Whether the zoning proposal is in conformity with the policy and intent of the land use plan; **The proposed use is not consistent with the Comprehensive Plan and the "Lake Area Residential" land**

use designation. The recommended density for this character area is one dwelling unit per acre. The proposed development is proposing a density of 1.95 dwelling units per acre.

6. The extent to which property values are diminished by the existing zoning restrictions; **Staff is unable to determine the extent to which property values are diminished by the existing zoning restrictions.**

7. The extent to which the destruction of the subject property's value under the existing zoning promotes the health, safety, morals or general welfare of the public; **Staff is unable to comment on the impact of property values without a full market analysis. Multiple factors impact property value including construction types, proposed uses, and maintenance. Often it is difficult to determine the effect of a development on adjacent properties until the development is completed.**

8. The relative gain to the public as compared to the hardship imposed upon the individual property owner; **Staff has not identified a hardship imposed on the property owner as the property is currently zoned.**

9. The length of time the property has been vacant as zoned considered in the context of land development in the area in the vicinity of the property; **Tax parcels 10096 000004, 000059, 000061 and 000062 are currently undeveloped. The majority of tax parcel 10096 000006 is undeveloped, however currently there is are structures on the portion south of Allison Road.**

10. Whether there are other existing or changing conditions affecting the use or development of the property which give supporting grounds for either approval or disapproval of the zoning proposal; **Staff is not aware of any changing conditions that affect the use and development of the property.**

11. Whether the change would create an isolated district unrelated to the surrounding districts; **The proposed zoning is a Planned Residential Development (PRD, 17.180.080). Per the Official Code of Hall County, Planned Development Districts (17.180) are to be utilized as a "floating zone" which shall mean that areas will not be pre-designated as planned development districts but rather each such designation shall result from a specific and separate application for amendment. The proposed density is higher than that found on surrounding properties.**

12. Whether the present zoning district boundaries are illogically drawn in relation to existing conditions in the area; **There is no evidence that the present zoning district boundaries are illogically drawn.**

13. Whether the change requested is out of scale with the needs of the county as a whole or the immediate neighborhood; **The proposed density is higher than that found on immediately surrounding properties but in general the use does not appear to be out of scale with the needs of the County as a whole, as there is a need for additional housing.**

14. Whether it is impossible to find adequate sites for the proposed use in districts permitting such use and already appropriately zoned; **There are other properties within the County that support a moderate-density single-family residential uses based on the Future Land Use Map, though the development as proposed cannot be developed in any of the existing residential or multi-family districts without County Commission approval.**

15. Whether the need for rezoning could be handled instead by a variance request to the [Planning Commission]; **The request could not be handled alternatively as a variance.**

16. Whether there would be an ecological or pollution impact resulting from major modifications to the land if the request is granted; **Any land disturbance activities on the property shall be required to go**

through the land development permitting process and as a result are subject to local, state, and federal regulations. As a result, there should not be an ecological or pollution impact resulting from any modification to the land if the request is granted.

17. Whether there is reasonable evidence based upon existing and anticipated land use that would indicate a mistake was made in the original zoning of the property; **There is no indication that a mistake was made in the original zoning.**

A Planned Residential Development (PRD, 17.180.080) allows for more flexibility in the design and development of the property. This provides for a mixture of housing types and encourages maximum use of natural features through proper site planning measures. The development should conform to the existing character and development pattern of the surrounding area.

17.380.050. - Submission requirements for a rezoning request

A. Any person or persons requesting a change in the official zoning map or use subject to approval of the county commission shall file an application with a plat or map of the property attached thereto, together with payment of such fees set forth in chapter 17.30 to cover administrative and advertising costs, in the planning department office. Such person or persons or their authorized agent shall appear in person at the public hearing held to consider the district change. **The proposal meets the requirement. The applicant has paid the appropriate fees and understands that someone must be present at both the Hall County Planning Commission meeting and the voting meeting of the Hall County Board of Commissioners.**

B. All applications for a change of zoning classification or use subject to approval of the county commission shall include:

1. A narrative statement identifying the existing and proposed use of the property and addressing each of the criteria set forth in section 17.380.060.C of this section [chapter]. **Proposal does provide a narrative outlining the intent of the development however, the applicant has not prepared a response to each of the criteria listed in 17.380.060.C.**

2. A site plan drawn to scale designating the area covered by the application and identifying existing and proposed buildings and uses, adjacent existing land uses, zoning on contiguous parcels, including those across an abutting public right-of-way, and any other significant site improvements proposed to accommodate the proposed use or buffer adjacent uses, etc., or a plat of the subject property where no specific land use is proposed. In cases where only a plat or map is provided and no land use is proposed, the planning commission and county commission shall evaluate the application based on the most intense possible land use permitted in the proposed district**. Proposal meets this requirement.**

C. For any application for a slow rate land treatment system (see chapter 17.20), the following additional requirements apply. **The proposed development will utilize public water and public sewer system.**

D. For any application proposing the development of 100 or more residential dwelling units, a traffic impact study shall be submitted prior to consideration of the application by the planning commission. At the applicant's expense, the traffic impact study shall be prepared by a professional engineer in accordance with requirements established by the Hall County Engineering Department. The engineering department shall review the traffic impact study and forward any

comments to the Hall County Planning Commission. **The proposal does meet the requirement. A traffic study has been conducted. No additional roadway improvements are recommended.**

Development Support and Constraints

Hall County Environmental Health
In an email dated Friday, February 23, 2024, Emily McGahee stated "No comment. Public sewer."

Hall County Fire Marshal
In an email dated February 29, 2024, John Hornick, NPQ Fire Inspector 1, Plans Review Lieutenant stated the following:

"The Hall County Fire Marshal's Office considers the plan as proposed conceptual in nature and if approved may require modifications during the development review process."

Hall County Public Works and Utilities
In a memorandum from Public Works and Utilities dated February 29, 2024, Bill Nash, Director, stated the following:

Engineering:
This site may require a stormwater management report should the site plan indicate the proposed development meets stormwater thresholds for impervious surfaces and/or disturbed acreage.
Show FEMA and Hall County studied Flood plains that are present on site.
Show stream buffer and impervious setback from wrested vegetation not centerline of stream.

Traffic:
Roadways must meet Hall County subdivision regulations (code Chapter 16).

Utilities:
City of Gainesville sewer district

Georgia Department of Transportation
In an email dated February 22, 2024, Veronica Chavers, D1TO Civil Engineer 3, stated "GDOT coordination not required."

PLANNING AND DEVELOPMENT DEPARTMENT
2875 BROWNS BRIDGE ROAD, GAINESVILLE, GA, 30504
MAILING ADDRESS: PO BOX 1435, GAINESVILLE. GA 30503
t: 770-531-6809 I f: 770-531-3902

HALL COUNTY
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ZONING APPLICATION

Applicant (Name & Mailing Address)

The Revive Land Group, LLC

3500 Lenox Road, STE 625

Atlanta, Georgia 30326

Phone 678-223-8978

Email Address nallison@therevivelandgroup.com

Property Owner (Name & Mailing Address)

Carole Freeman
137 Morgan Drive, Lagrange, GA 30240

Thomas L. Collins & Brenda J. Collins
3108 Esther Drive, Gainesville, GA 30501

Wesley Martin & Angela Messengill
830 Candler Street, Gainesville, GA 30501

Phone

Email Address

Proposed Use Fee simple residential subdivision

Contact Person (Name & Mailing Address)

Neville Allison

3500 Lenox Road, STE 625

Atlanta, Georgia 30326

Phone 678-223-8978

Email Address nallison@therevivelandgroup.com

Status of Applicant

☐ Owner

☐ Option to Purchase

☐ Area Resident

☒ Other
Contract Purchaser

Requested Action

Existing Zoning: AR-III

Rezone to: PRD

Fee:$

Receipt #:

Check #:

Tax Parcel Number 10096 000004, 10096 000006, 10096 000059, 10096 000061, 10096 000062

Acreage 59.003

Location Address 3302 & 3212 Antioch Campground Road; 3446, 3450 & 3456 Looper Lake Road, Gainesville, GA 30506

I hereby certify that the above information and all attached information are true and correct.

Sign _____ Date: 2-1-2024

Applicant must complete all information above. Failure to complete this section will result in the refusal of the application. The Planning Department has 15 days to review all applications and will set the dates for each application. If the application is found insufficient, an agenda date will not be set until the required information is submitted. Please note that the Planning Commission and County Commission dates are tentative.

Application Withdrawal: I hereby **withdraw** the application.

Sign _____ Date: _____

Staff Use Only

Application Date: _____ Taken by: _____

Tentative Planning Commission Date: _____ Tentative County Commission Date: _____

County Commission District: _____

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AUTHORIZATION OF PROPERTY OWNERS

Note: If the applicant is the property owner, please disregard this form.

Name of owner(s) Allison Arrington as Executor of Carole Franum Estate

Address 137 Morgan Drive, LaGrange, GA 30240

Phone Number

Name of applicant(s) The Revive Land Group, LLC

Address 3500 Lenox Road STE 625 Atlanta, GA 30326

Phone Number 678-223-8978

I swear that I am the owner of the property which is the subject matter of the attached applications as shown in the records of Hall County, Georgia.

I authorize the person named above to act as applicant in the pursuit of a rezoning, permissive use, or variance of this property.

Signature of Owner(s)

Allison Arrington

Personally appeared before me

Tina Shaw

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

Tina Shaw

Notary Public

TINA SHAW NOTARY PUBLIC TROUP COUNTY, GEORGIA MY COMMISSION EXPIRES AUGUST 02, 2025

1|29|2024

Date

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AUTHORIZATION OF PROPERTY OWNERS

Note: If the applicant is the property owner, please disregard this form.

Name of owner(s) Thomas L. Collins & Brenda J. Collins

Address 3108 Esther Drive, Gainesville, GA 30501

Phone Number (770) 534-6452

Name of applicant(s) The Revive Land Group, LLC

Address 3500 Lenox Road STE 625 Atlanta, GA 30326

Phone Number 678-223-8978

I swear that I am the owner of the property which is the subject matter of the attached applications as shown in the records of Hall County, Georgia.

I authorize the person named above to act as applicant in the pursuit of a rezoning, permissive use, or variance of this property.

Signature of Owner(s)
Thomas L Collins

Personally appeared before me
Cindy E. Ballard

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

Cindy E. Ballard
Notary Public

CINDY E. BALLARD NOTARY PUBLIC Exp: Mar. 16, 2025 FORSYTH COUNTY, GA

1-30-2024
Date

PLANNING AND DEVELOPMENT DEPARTMENT
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CAMPAIGN CONTRIBUTIONS DISCLOSURE FORM

This form must be completed by the applicant and property owner, or person representing the property owner, for all zoning actions.

OCGA § 36-67A-3[C] Disclosure of campaign contributions:

(b) When any applicant for zoning action has made, within two years immediately preceding the filing of the applicant's application for the zoning action, campaign contributions aggregating $250.00 or more to a local government official who will consider the application, it shall be the duty of the applicant to file a disclosure report with the governing authority of the respective local government showing:

(3) The name and official position of the local government official to whom the campaign contribution was made; and

(4) The dollar amount and description of each campaign contribution made by the applicant to the local government official during the two years immediately preceding the filing of the application for the rezoning action and the date of each such contribution.

(b) The disclosures required by subsection (a) of this Code section shall be filed within ten days after the application for the zoning action is first filed. (Code 1981, Section OCGA § 36-67A-3[C], enacted by GA L. 1986, page 1269, Section 1, GA L. 1991, page 1365, Section 1).

I hereby certify that I have read the above and that:

I have**____ I have not ✓

within the two years immediately preceding this date, made any contribution(s) aggregating $250.00 or more to any local government official involved in the review or consideration of this application.

**If you have made such contributions, you must provide the data required below within ten (10) days of filing this application.

Name of Official(s): _____ Office: _____

Dollar Amount: _____ Date of Contribution: _____

Applicant's/Owner's Signature: Thomas L Collins **Date:** 1-30-24

Applicant's/Owner's Name (Printed): Thomas Lamar Collins

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**If you have made such contributions, you must provide the data required below within ten (10) days of filing this application.

Name of Official(s): _____ Office: _____

Dollar Amount: _____ Date of Contribution: _____

Applicant's/Owner's Signature: Allison Arrington **Date:** 1/29/2024

Applicant's/Owner's Name (Printed): Allison Arrington

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**If you have made such contributions, you must provide the data required below within ten (10) days of filing this application.

Name of Official(s): _____ Office: _____

Dollar Amount: _____ Date of Contribution: _____

Applicant's/Owner's Signature: _____ **Date:** 2/2/24

Applicant's/Owner's Name (Printed): Neville Allison on behalf of The Revive Land Group, LLC

PLANNING AND DEVELOPMENT DEPARTMENT
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**If you have made such contributions, you must provide the data required below within ten (10) days of filing this application.

Name of Official(s): _____ Office: _____

Dollar Amount: _____ Date of Contribution: _____

Applicant's/Owner's Signature: Wesley E. Martin **Date:** 2/1/24

Applicant's/Owner's Name (Printed): Wesley E. Martin

Anael Dominguez (CDI: Planning)

Subject: FW: Camden plan for Allison Road
Attachments: Camden ABC For Hall.pdf; Camden 3.jpg; Camden 2.jpg; Camden 1.jpg

From: Neville Allison <nallison@therevivelandgroup.com>
Sent: Monday, April 15, 2024 3:42 PM
To: Beth Garmon (CDI: Planning) <bgarmon@hallcounty.org>
Subject: FW: Camden plan for Allison Road

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

WARNING: This communication has been detected as containing an attachment - Proceed with caution

Beth,

Thank you for your time on the phone. As discussed, the elevations for this plan where previously submitted, but I misread the base sqft for this plan. The base sqft without the bonus room upstairs is 1683 sqft. With the bonus room, the plan is 2525 sqft. We respectfully request that the sqft min condition be amended to 1675 to accommodate this base plan. It's the same basic footprint as the other plans submitted and the elevation has already been shown and approved.

Secondly, our requested variance to Hall County Code section 17.430.100 regarding the treatment of the open space was overlooked during our conditions discussion. Our narrative outlines an exemption to handling the open space the way a conservation subdivision would. Our project exceeds the required amount of open space, but does not adhere to sections 17.143.100-17.430.150, as those sections are meant to apply to a conservation space subdivision.

We respectfully request that these two items be added as conditions to our zoning approval and that staff present them to the Board of Commissioners. Please let me know if staff has any comments to these or if you have any questions.

Thank you!

THE REVIVE LAND GROUP
Part of Peachtree Group

Neville Allison | *Managing Partner*
One Alliance Center
3500 Lenox Road, Ste 625
Atlanta, GA 30326
C: 678.223.8978
nallison@therevivelandgroup.com
www.therevivelandgroup.com

Subdivision

CAMDEN A 1974-1975

FRONT ELEVATION

REVISION HISTORY

REV.	DESCRIPTION	DRAWN BY	DATE	SHEETS AFFECTED
4	REVISED SCREENED PORCH	DS	01-24-17	A1.1.1, A1.5.15, A1.5.13.1, A1.5.14, A1.5.14.1
5	REVISED SCREENED PORCH, ADDED KEYED NOTES LEGEND, ZERO ENTRY	DS	02-03-17	A0.0,A1.1,A1.1.1,A1.5.13, A1.5.13.1,A1.5.15,A1.5.15.1
6	REVISED OWNER'S SHOWER DOOR	DS	02-13-17	A1.1
7	REVISED SCREENED PORCH LAYOUT	DS	04-07-17	A1.1.1,A1.5.13,A1.5.13.1, A1.5.14,A1.5.14.1
8	ADDED (2) LED LIGHTS AT REAR COVERED PATIO-DECK	DS	04-12-17	E2.0A
9	ADDED CLOSET DOOR BELOW 2ND FLOOR OPTION STAIRS	DS	04-27-17	A1.1.1
10	FURRED OUT FAMILY RM WALL/ADDED CEILING TRIANGLE AT 2ND FLOOR OPTION, ENLARGED 2ND FLOOR CHASES, ADJUSTED SQUARE FOOTAGES	DS	05-19-17	A0.0, A1.1.1, A1.2, E2.1, E3.0
11	ADDED SHOWER ELEVATION	DS	05-26-17	A1.1
12	ELECTRICAL REVISIONS	DS	06-14-17	E2.0, E2.1
13	36" SHOWER DOOR	DS	08-21-17	A1.1
14	INDICATED SHOWER SEAT AT DETAIL 7/A3.1	DS	09-05-17	A1.1
15	REVISED STANDARD FLOOR PLAN & OPTIONAL FLOOR PLAN AND REAR ELEVATIONS	HR	10-05-17	ALL SHEETS
16	REVISED STANDARD FLOOR PLAN & OPTIONAL FLOOR PLAN AND REAR ELEVATIONS	HR	10-19-17	ALL SHEETS
17	ADDED STAIR RISERS TO OPT. 2ND FLOOR	HR	10-20-17	A1.2, E3.0
18	ADDED HOME AUTOMATION PANEL IN LAUNDRY ROOM	HR	11-13-17	E2.0
19	DELETED OPT. FIREPLACE AND SCREENED PORCH	HR	06-17-18	A1.1.1
20	DELETED KITCHEN ISLAND KNEEWALL	DS	02-08-18	A1.1, A1.1.1
21	ADDED SHEET S0.0	DS	03-14-18	S0.0
22	REVISED WINDOW TO TEMPERED GLASS IN FIN. BSMT. NEXT TO REAR ENTRY DOOR	HR	03-21-18	A1.0.4
23	REMOVED OVERALL DIMENSION AT OPTIONAL SITTING ROOM	HR	05-15-18	A1.1.1
24	REVISED STAIR TO OPT. 2ND FLOOR	DS	10-23-18	A1.1.1, A1.2
25	ADDED EXTERIOR MATERIALS LEGEND	DS	01-02-19	A1.5.1, A1.5.7
26	SECOND FLOOR PLAN OVERALL DIMENSION CORRECTED	KRL	1-25-21	A1.2
27	SECOND FLOOR PLAN UPDATED ATTIC ACCESS DOORS AND LOCATION	KRL	10-25-21	ALL
28	SECOND FLOOR PLAN ATTIC ACCESS ADDED IN FRONT OF BEDROOM CLOSET	AA	5-4-22	A1.2, E3.0

SHEET INDEX AND GENERAL NOTES

INDEX

SHEET	CONTENT
A0.0B	INDEX AND COVER SHEET

ELEVATION SPECIFIC SHEETS:

ELEVATION – A

T1	COVER SHEET
A1.0.1A	SLAB PLAN
A1.1A	1ST FLOOR PLAN
A1.1.1A	1ST FLOOR PLAN OPTIONS
A1.4.1C	SECTIONS AT OPTIONAL BASEMENT
A1.5.3C	EXTERIOR ELEVATIONS
A1.5.3A	EXTERIOR ELEVATIONS
A1.5.6A	ROOF PLAN
E2.0A	1ST FLOOR UTILITY PLAN
E2.1A	1ST FLOOR UTILITY PLAN

GENERAL SHEETS:

STRUCTURAL DETAILS

LOT DATA

LOT

CAMDEN SQUARE FOOTAGES

AREA	ELEV "A"
1st FLOOR	1683 SF
TOTAL LIVING	1683 SF
GARAGE	408 SF
PORCH	100 SF
PATIO/DECK	256 SF
OPT. M.B. SITTING ROOM	139 SF
OPT. 2nd FLOOR	+842 SF
OPT. 3RD CAR GARAGE	+240 SF
OPT. CARRIAGE GARAGE	+240 SF
OPTIONAL 1st FLOOR	1602 SF
OPT. UNFINISHED BASEMENT	1494 SF
OPT. FINISHED BASEMENT	1602 SF
FINISHED SPACE	925 SF
UNFINISHED SPACE	569 SF

BASEMENT AREA IS TAKEN TO INSIDE OF CONCRETE WALL

GENERAL NOTES:

1. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENTIONS AT THE SITE BEFORE CONSTRUCTION IS TO COMMENCE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR JUSTIFICATION AND/OR CORRECTION BEFORE CONTINUING WITH THE WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED TO ARCHITECT/ENGINEER.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, REGULATIONS AND FHA/VA MPS.
3. ALL DIMENSIONS SHOULD BE READ OR CALCULATED AND NEVER SCALED.
4. ALL FOOTINGS TO BE BELOW FROST LINE (REFER TO LOCAL CODE) AND MUST REST ON UNDISTURBED SOIL CAPABLE OF HANDLING THE BUILDING LOAD. CONSULT LOCAL ENGINEER FOR PROPER FOOTING AND REINFORCING SIZES AND SPECIFICATIONS.
5. CONTRACTOR SHALL INSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.
6. IF BACKFILL EXCEEDS 4' AGAINST ANY FOUNDATION WALL, REINFORCE WALL AS PER CODE.
7. ALL WOOD, CONCRETE AND STRUCTURAL STEEL MEMBERS SHALL MEET ALL NATIONAL, STATE AND LOCAL BUILDING CODES WHERE APPLICABLE.
8. ALL FOUNDATION AND STRUCTURAL MEMBERS SHALL BE VERIFIED AND SEALED BY AN ENGINEER IN THE STATE WHERE THE CONSTRUCTION IS OCCURING DUE TO A WIDE VARIANCE IN LOCAL CODES, SOIL BEARING CONDITIONS, FROST LINE DEPTH, GEOLOGICAL AND WEATHER CONDITIONS, ETC..
9. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING AND VERIFYING ALL STRUCTURAL DETAILS AND CONDITIONS TO MEET ALL LOCAL CODES TO INSURE A QUALITY AND SAFE STRUCTURE.

CURRENT CODES:
INTERNATIONAL BUILDING CODE (IBC): 2018 EDITION WITH 2020 GEORGIA STATE AMENDMENTS
NFPA NATIONAL ELECTRICAL CODE 2020 EDITION
INTERNATIONAL FUEL GAS CODE: 2018 EDITION WITH 2020 GEORGIA STATE AMENDMENTS
INTERNATIONAL MECHANICAL CODE: 2018 EDITION WITH 2020 GEORGIA STATE AMENDMENTS
INTERNATIONAL PLUMBING CODE: 2018 EDITION WITH 2020 GEORGIA STATE AMENDMENTS, AND IPC APENDIX F
INTERNATIONAL RESIDENTIAL CODE FOR ONE OR TWO FAMILY DWELLINGS (IRC): 2018 EDITION WITH GEORGIA STATE AMENDMENTS
INTERNATIONAL ENERGY CONSERVATION CODE: 2015 EDITION WITH 2020 GEORGIA STATE SUPPLEMENTS AND AMENDMENTS
INTERNATIONAL SWIMMING POOL AND SPA CODE: 2018 EDITION WITH 2020 GEORGIA STATE AMENDMENTS

USE GROUP: IRC SINGLE FAMILY DWELLING – IBC classification Type VB
CONSTRUCTION CLASS: UNPROTECTED
HEIGHT & AREA LIMITATION: 2 STORY MAXIMUM NOT 35 FT.
EMERGENCY ESCAPE: EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS SHALL HAVE A MIN. OF 5.7 SQ.FT.
GARAGE/ HOUSE CEILING/ HOUSE ASSEMBLY: 1/2" GYPSUM BD. WALL & CEILING W/20 MINUTE GARAGE/HOUSE DOOR

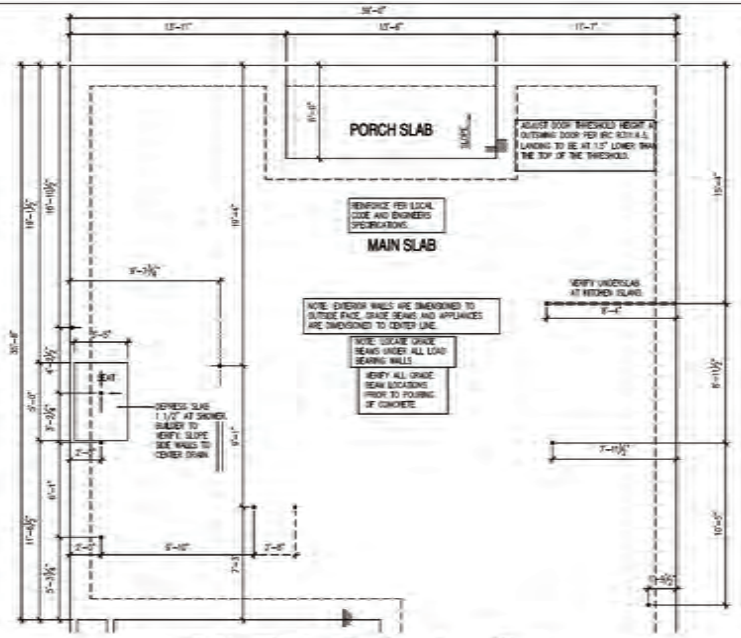
SEAL:

MODEL: Camden A 1974-1975

INDEX AND COVER SHEET

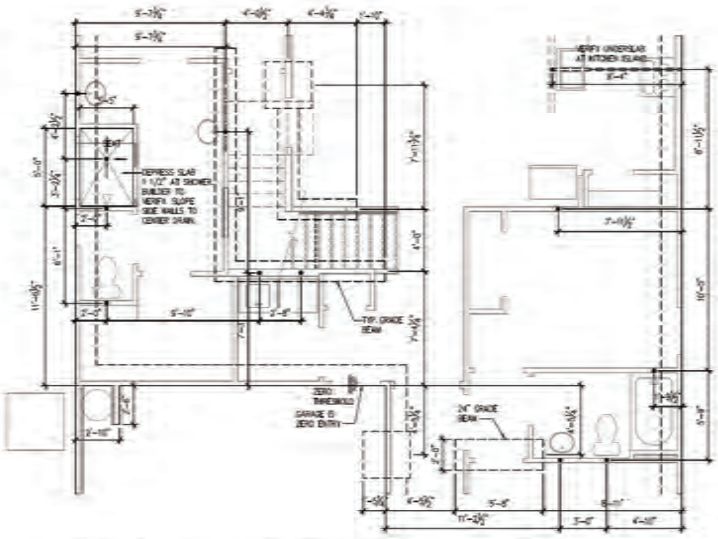
ISSUED FOR

A0.0A



Opt. Slab Perimeter Plan

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Partial Slab Plan w/Opt. 2nd Floor

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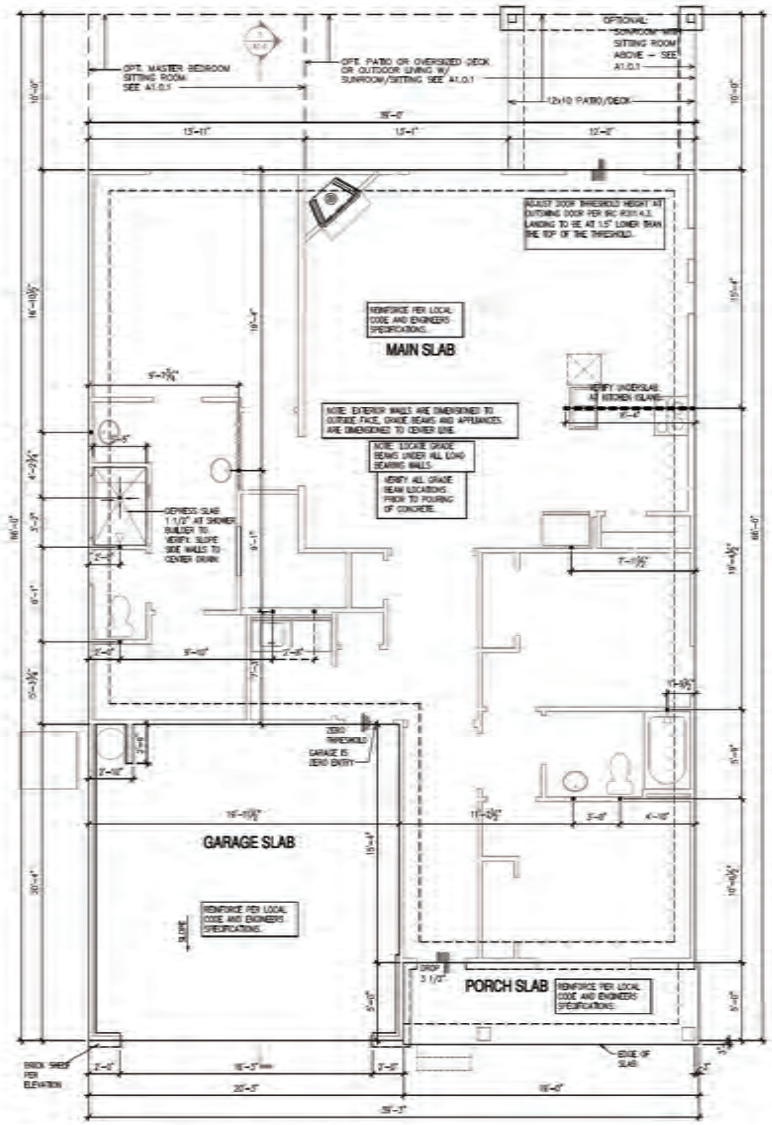

Slab Perimeter Plan 'A'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

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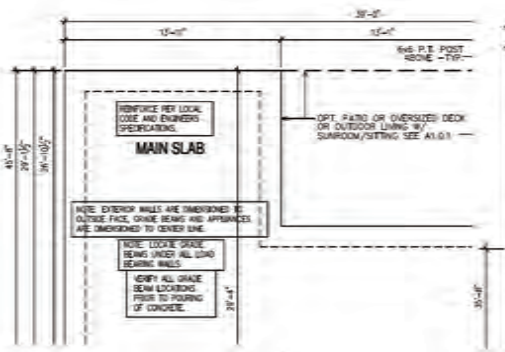
SEAL:

MODEL: **Camden A 1974-1975**

SLAB PERIMETER PLAN

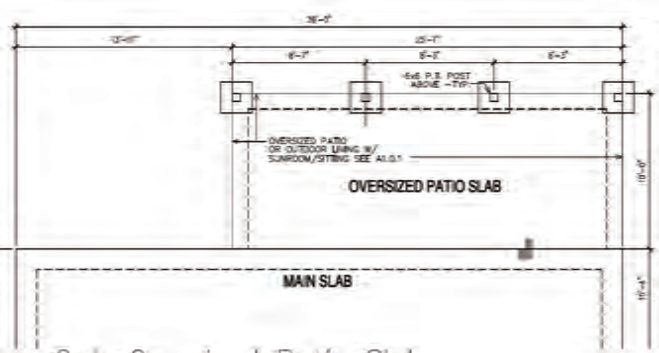
ISSUE NO.

A1.0A



Opt. Slab Plan w/MB. Sitting

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. Oversized Patio Slab

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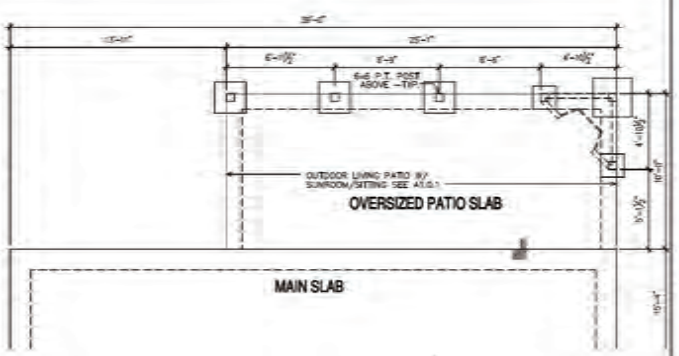

Opt. Outdoor Living Patio w/ Sunroom

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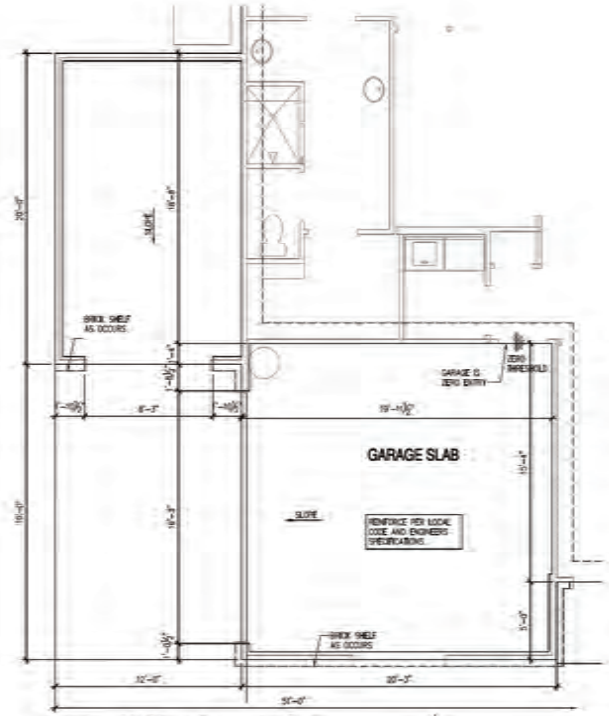

Opt. Side Load Garage w/ Carriage Garage 'A','C','D','E'

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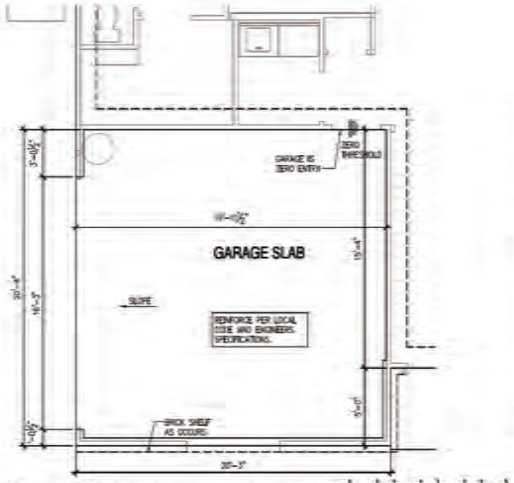
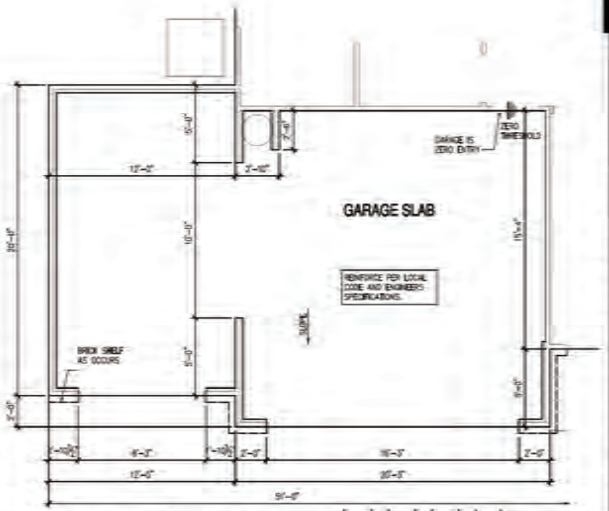


Opt. Side Load Garage 'A','C','D','E'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. 3-Car Garage 'A','C','D','E'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

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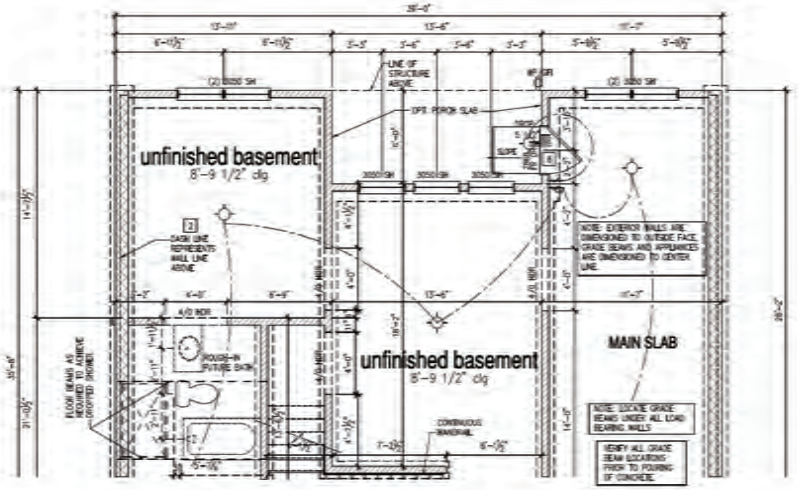
SEAL:

MODEL: Camden A 1974-1975

SLAB PERIMETER PLAN OPTIONS

A1.0.1A



Opt.Unfinished Basement Plan

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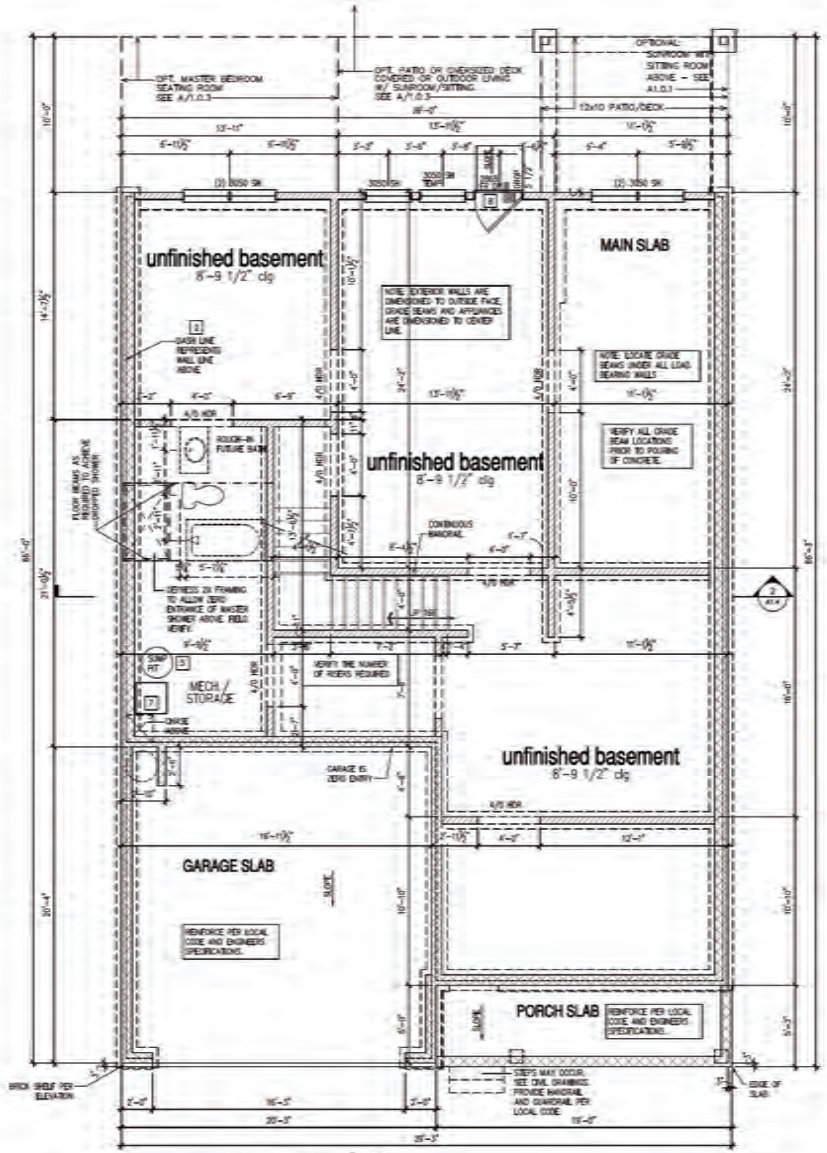

Basement Plan 'A'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

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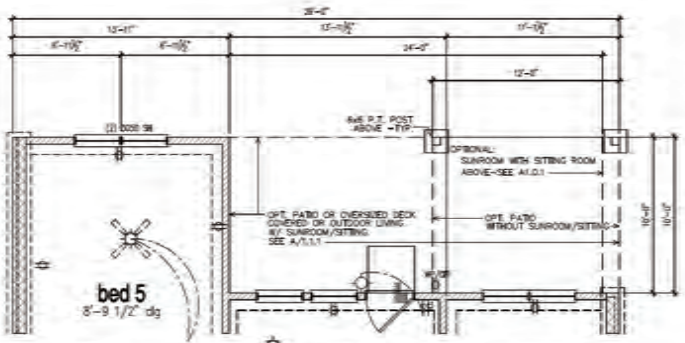
SEAL:

MODEL: **Camden A 1974-1975**

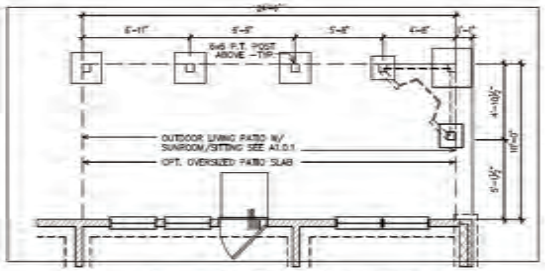
BASEMENT PLAN

DRAWING #

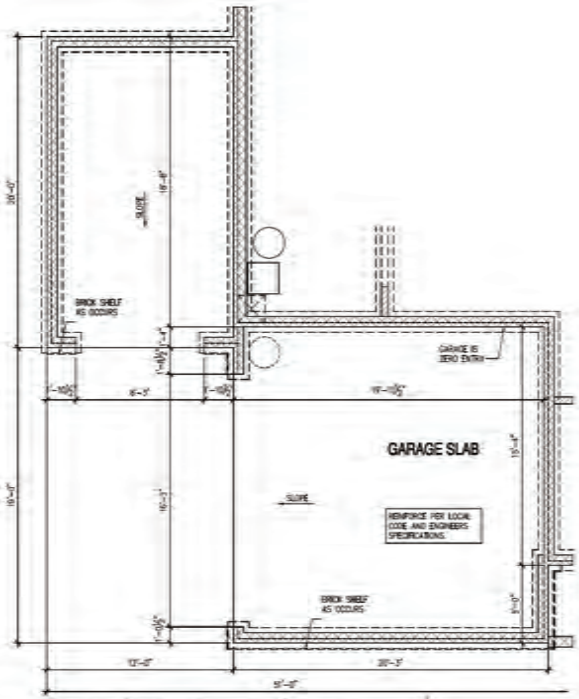
A1.0.2A



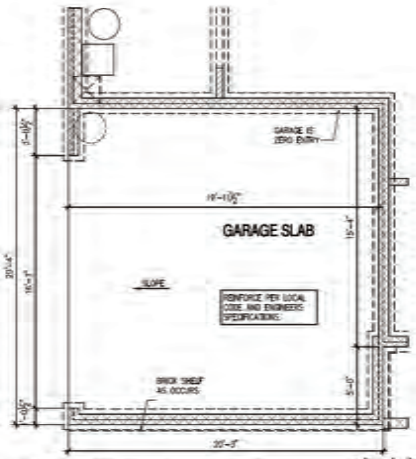
Opt.Finished Bsmt. w/Opt. MB. Sitting



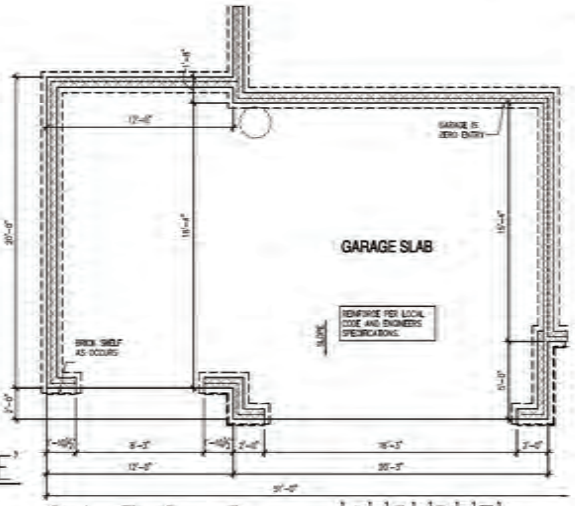
Opt.Outdoor Living Deck w/ Sunroom



Opt. Side Load Garage w/ Carriage Garage 'A','C','D','E'



Opt. Side Load Garage 'A','C','D','E'



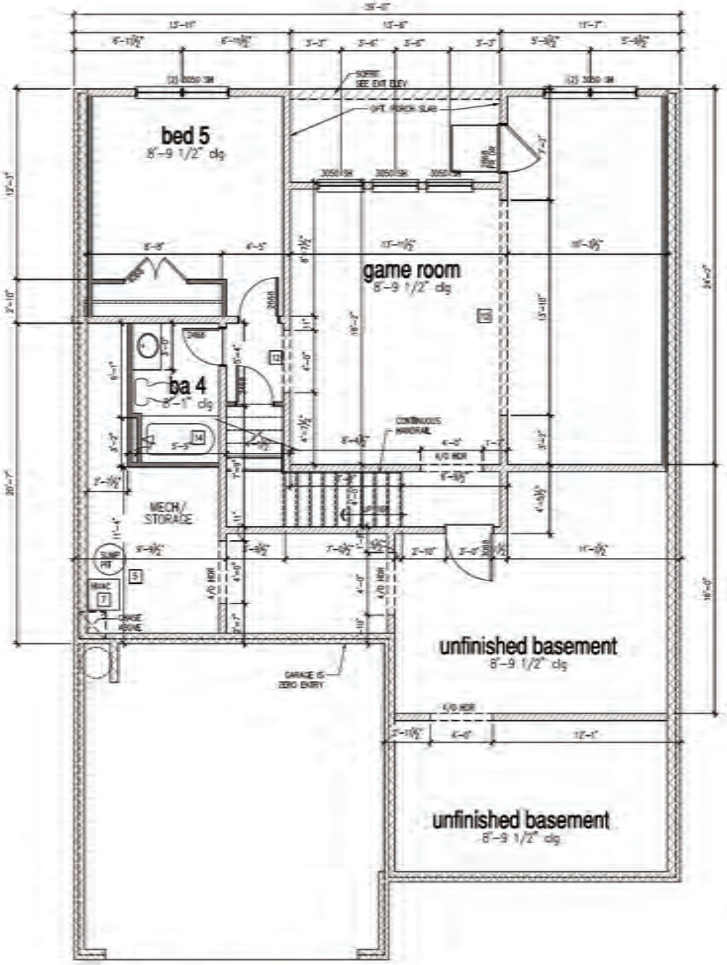
Opt. 3-Car Garage 'A','C','D','E'

MODEL: Camden A 1974-1975

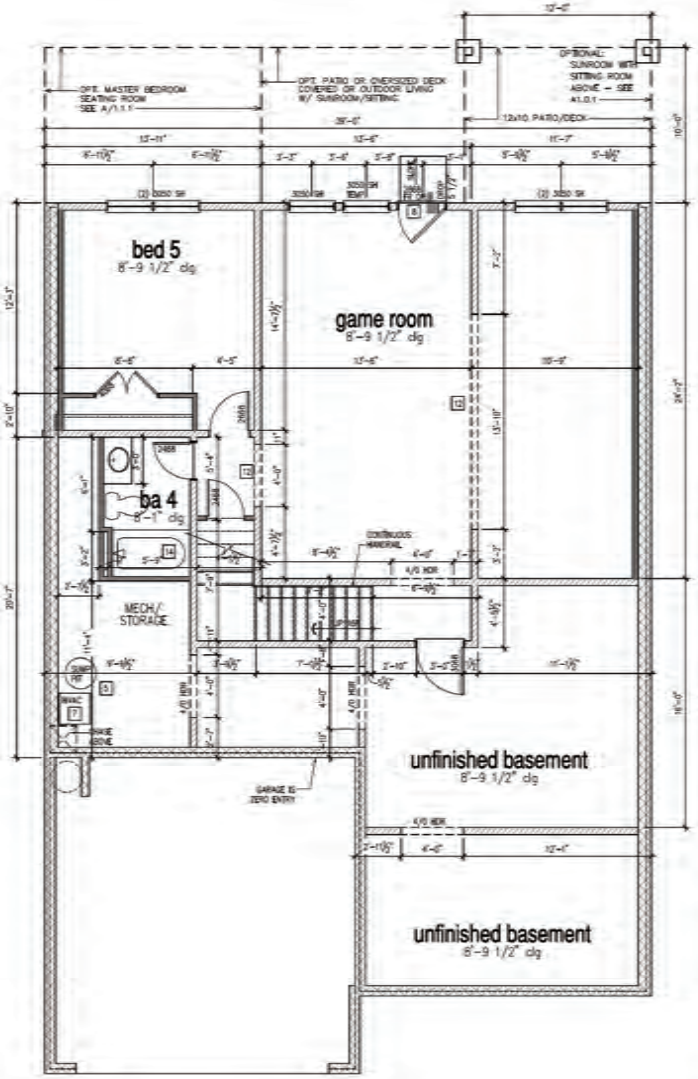
BASEMENT PLAN OPTIONS

SEAL:

A1.03A



Opt. Covered Porch
Opt. Finished Basement Plan



Opt. Finished Basement Plan

SEAL:

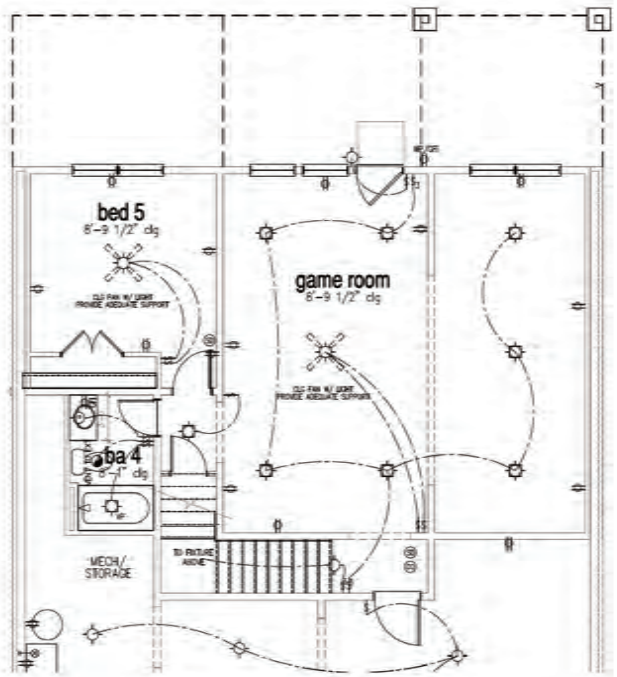
MODEL: Camden A 1974-1975

FINISHED BASEMENT PLAN

A1.0.4A

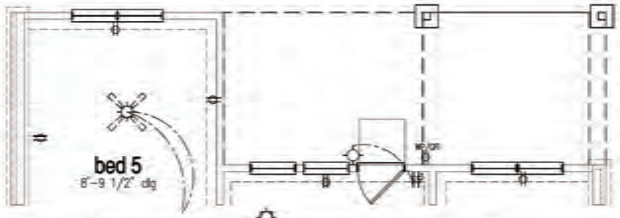
ELECTRICAL KEY

- DUPLEX RECEP
- SPLIT SWITCHED RECEP
- FLOOR RECEP
- GFI RECEP
- GROUND FAULT RECEP
- WEATHER PROOF RECEP
- 220V RECEP
- EXHAUST FAN
- EXHAUST FAN LIGHT
- EXHAUST FAN HEAT LIGHT
- RECESSED CAN LIGHT
- STRIP LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- HANGING CEILING LIGHT
- WALL LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE TV JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 1 TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN LIGHT



Opt. Finished Basement Plan

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt.Finished Bsmt. w/Opt. MB. Sitting

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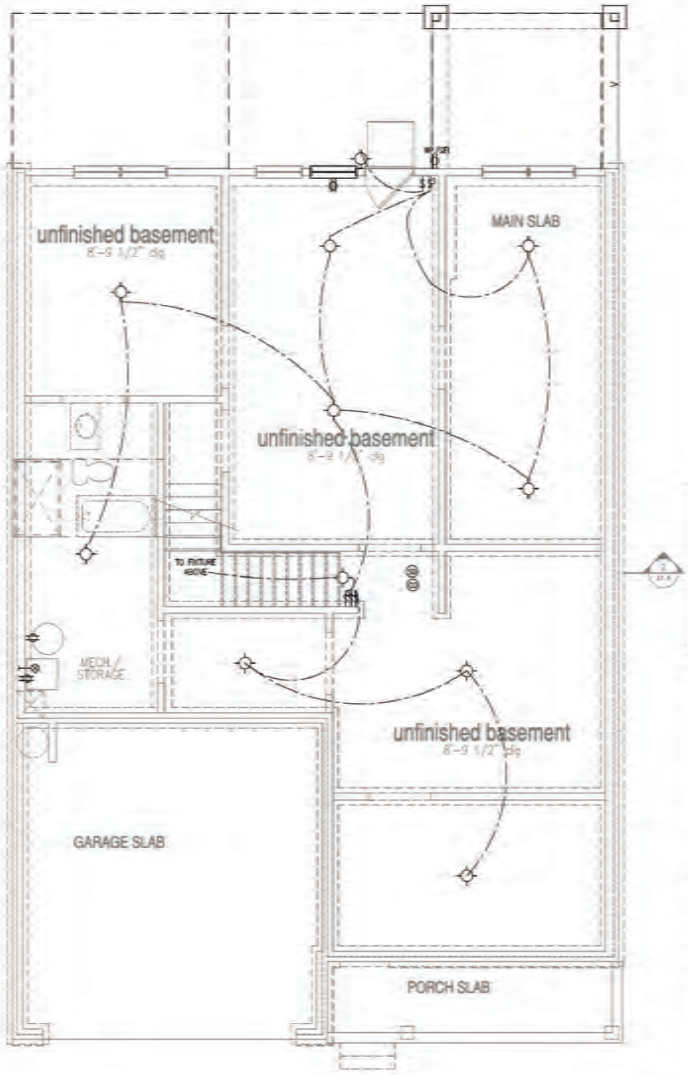

Basement Plan 'A'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

[redacted]

[redacted]

SEAL:

MODEL: Camden A 1974-1975

BASEMENT UTILITY PLAN

ISSUED BY:

E1.0A

ELECTRICAL KEY

- CEILING RECEP.
- DUPLEX RECEP.
- SPLIT SWITCHED RECEP.
- FLOOR RECEP.
- QUADPLEX RECEP.
- GROUND FAULT RECEP.
- WEATHER PROOF RECEP.
- 220V RECEP.
- EXHAUST FAN
- EXHAUST FAN LIGHT
- EXHAUST FAN HEAT LIGHT
- RECESSED CAN LIGHT
- EYEBALL LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- HANGING CEILING LIGHT
- WALL LIGHT
- WALL SCONCE LIGHT
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- DIMMER SWITCH
- CABLE T.V. JACK
- BUTTON
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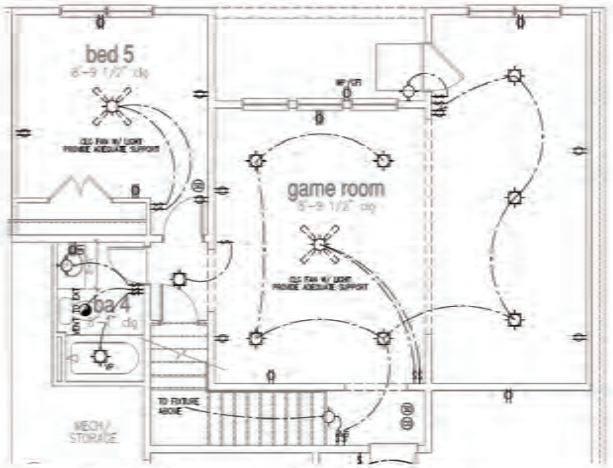
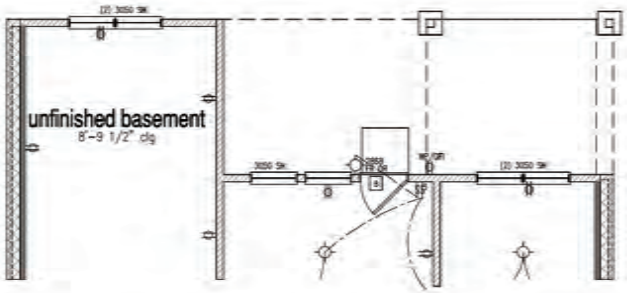
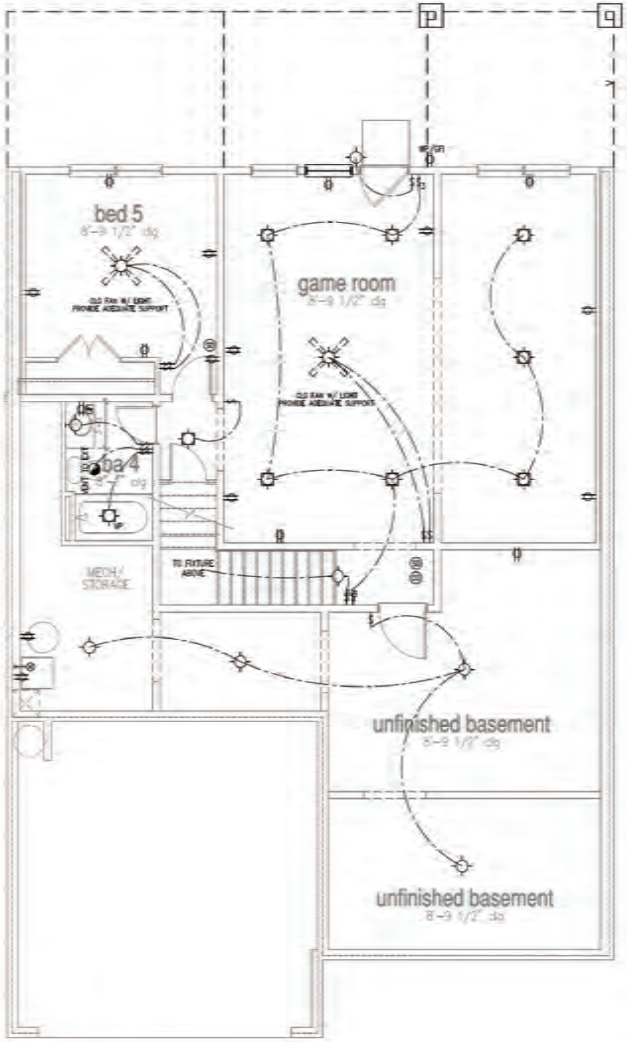
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- T-TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT



Opt. Covered Porch
Opt. Finished Basement Plan



Unfinished Basement Plan w/Opt. MB. sitting



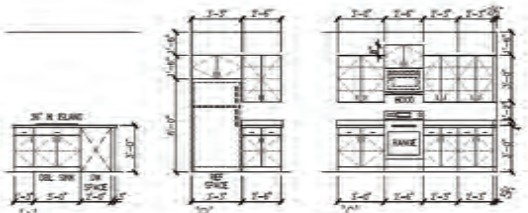
Opt. Finished Basement Plan

SEAL:

MODEL: Camden A 1974-1975

FINISHED BASEMENT UTILITY PLAN

E1.1A

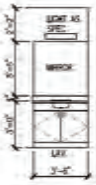


(1) Kitchen

(2) M. Bath

(3) Laundry

(4) Valet



(5) Bath 2

(6) Bath 3

(7) M. Bath

WALL LEGEND

FULL HEIGHT
2X4 WOOD STUD PARTITION

FULL HEIGHT
2X6 WOOD STUD PARTITION

BRICK/STONE VENEER

LOW WALL
HEIGHT AS NOTED

DRYWALL OPENING
HEIGHT AS NOTED

KEYED NOTES

FIRE PROTECTION:

1. HOUSE TO GARAGE FIRE SEPARATION:
GARAGE/HOUSE SEPARATION AT VERTICAL SURFACES SHALL BE PROTECTED WITH ONE (1) LAYER 1/2" GYPSUM BOARD. (PER IRC SECTION R302.6).
GARAGE/HOUSE SEPARATION AT HORIZONTAL SURFACES SHALL BE PROTECTED WITH ONE (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD. (PER IRC SECTION R302.6).

2. HOUSE TO GARAGE DOOR SEPARATION:
PROVIDE 1-3/8" SOLID CORE DOOR OR APPROVE 20 MINUTE RATED DOOR. (PER IRC SECTION R302.5.1)

3. BENEATH STAIRS AND LAVATORIES:
PROVIDE 1/2" GYPSUM BOARD ON WALLS AND CEILING OF ENCLOSED ACCESSIBLE AREAS. (PER IRC SECTION R302.7).

MISC:

4. FOR THE USE OF EXPOSED GAS WATER HEATERS IN THE GARAGE: INSTALL THE WATER HEATER PER G2408.2 AND P2801.6, ON 18" HIGH PLATFORM PER G2408.3. PROTECT THE GAS APPLIANCE WITH MOTOR VEHICLE IMPACT PROTECTION PER IRC 312.1.

5. FAU STAT PLATFORM:
1'-6" MINIMUM CLEAR HEIGHT TO MECHANICAL MEMBERS, 2"X6" DIED OVER 2"X4" BOTTOM CHORD OF TRUSS. VERIFY WITH TRUSS MANUF.

6. A/C CONDENSER PAD: (VERIFY)

7. PREFABRICATED METAL FIREPLACE:
INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

8. ATTIC ACCESS:
LARGE ENOUGH TO REMOVE LARGEST PIECE OF EQUIPMENT BUT NOT LESS THAN 30"X22". FIRE RATED ACCESS AS NOTED (PER IFC SECTION 4K305.1.3). ATTIC ACCESS LADDER: (25 (7'0"X54") VERIFY LOCATION AND SIZE WITH TRUSSES.

9. TEMPERED SAFETY GLASS: PER IRC SECTION R308.4

10. PLYWOOD SHELF ABOVE WITH DRYWALL FINISH OVER, HEIGHT AS NOTED.

11. HALF WALL HEIGHT AS NOTED.

12. INTERIOR SOFFITS: FFL = 8'-1" U.N.O. SFL = 7'-6" U.N.O.

GLAZING:

13. SHOWER: TEMPERED GLASS ENCLOSURE.

14. BUB+SHOWER COMBO: TEMPERED GLASS ENCLOSURE.

15. CERAMIC TILE SHOWER AND FLOOR: TEMPERED GLASS ENCLOSURE.

16. ACRYLIC TUB W/CERAMIC PLATFORM.

KITCHEN:

17. 30" SLIDE-IN ELECTRICAL RANGE W/HOOD AND MICROWAVE ABOVE. VENT PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

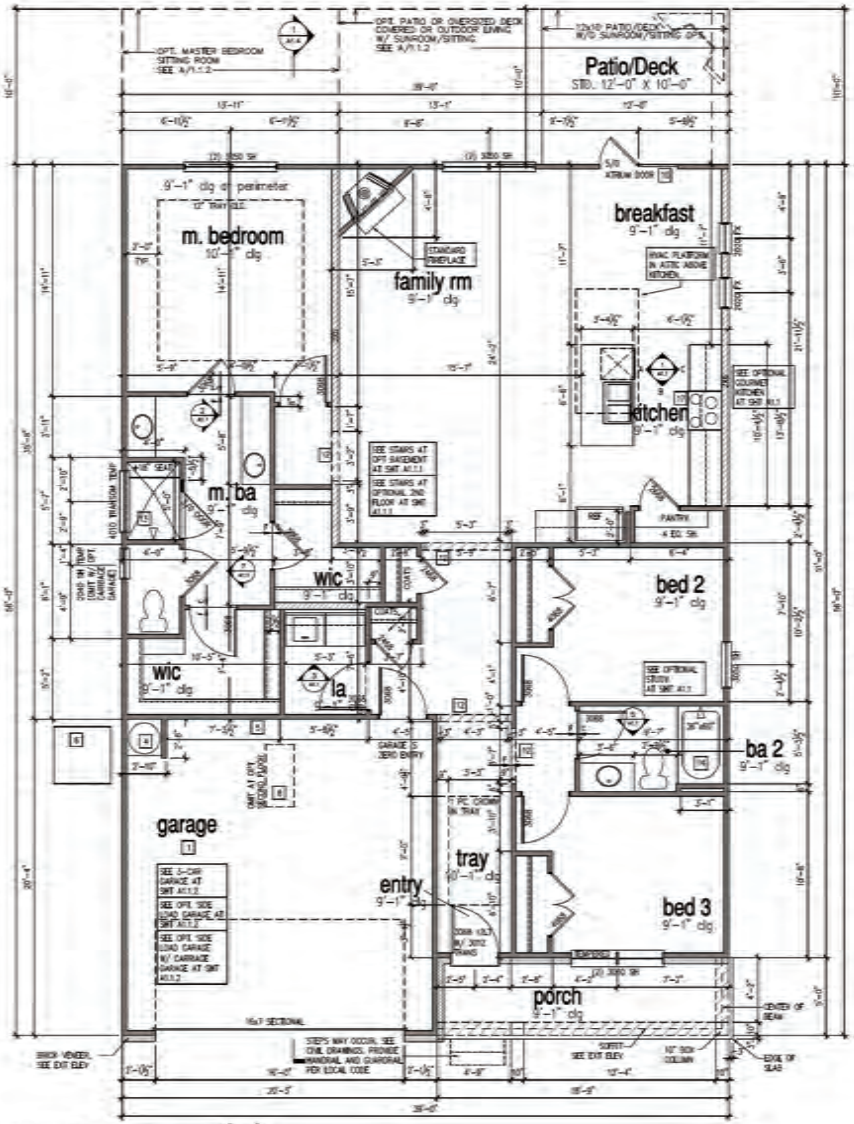
18. 30" GAS COOKTOP AND HOOD:
VENT PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

19. ELECTRIC OVEN WITH MICROWAVE OVEN.

FOR ADDITIONAL NOTES SEE GENERAL NOTES ON TITLE SHEET AND DETAILS.

WINDOW HEAD HEIGHTS:
1ST FLOOR = 6'-8" U.N.O. ON ELEVATIONS.
2ND FLOOR = 7'-0" U.N.O. ON ELEVATIONS.

ALL DIMENSIONS TO WINDOWS AND DOORS ARE TO CENTERLINE.



1st Floor Plan 'A'

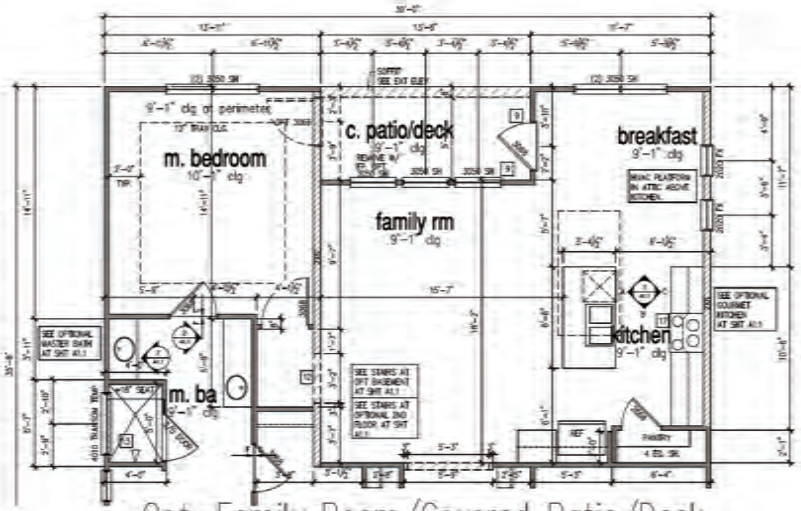
SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

SEAL:

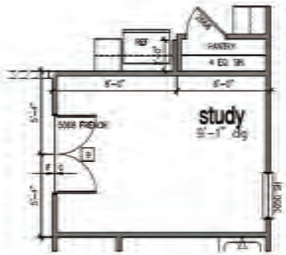
MODEL: Camden A 1974-1975

1ST FLOOR PLAN

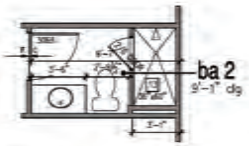
A1.1A



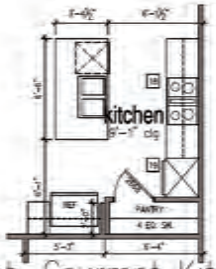
Opt. Family Room/Covered Patio/Deck



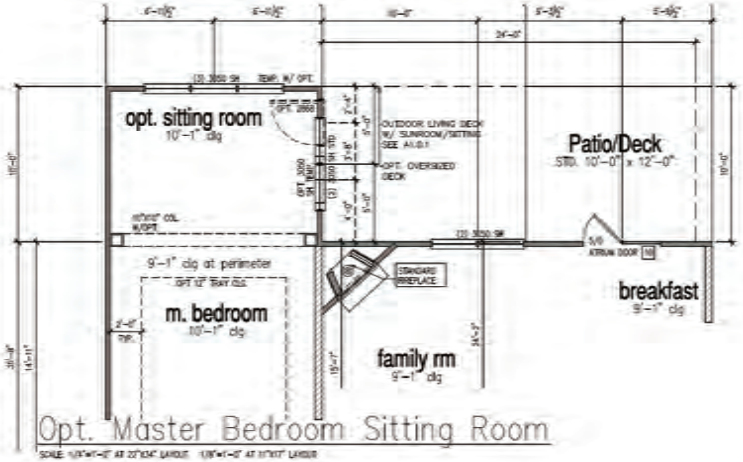
Opt. Study ILO Bed 2



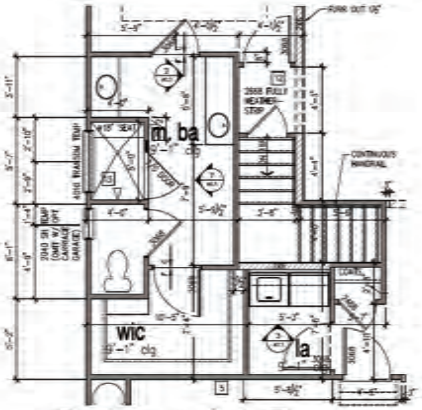
Opt. Shower



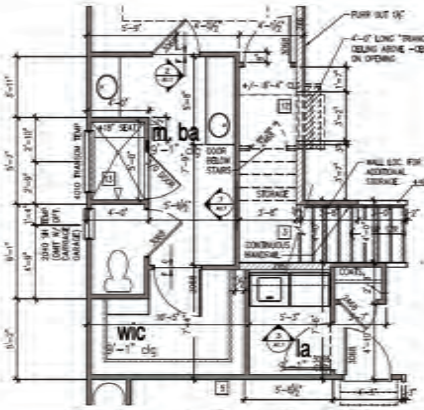
Opt. Gourmet Kitchen



Opt. Master Bedroom Sitting Room



Stairs at Opt Basement



Stairs at Opt 2nd Floor

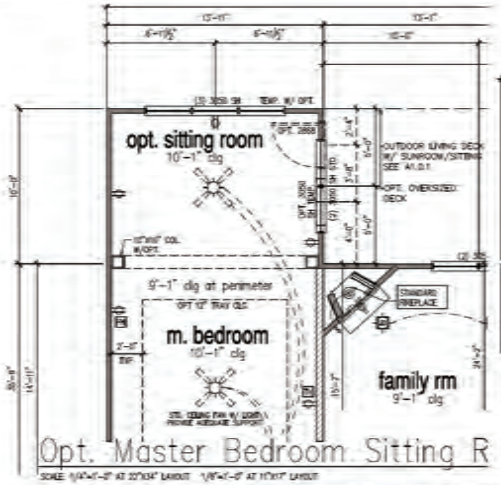
[redacted]

SEAL:

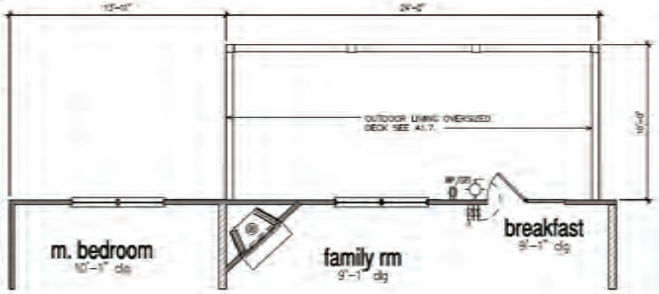
MODEL: Camden A 1974-1975

1ST FLOOR PLAN OPTIONS

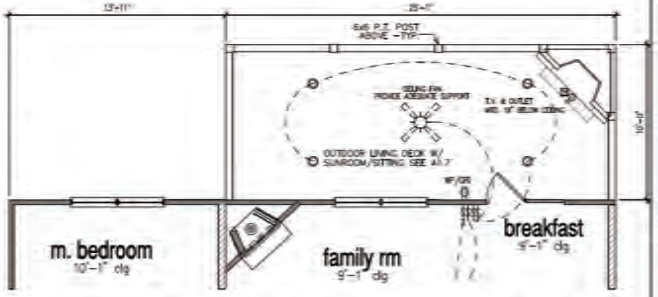
A1.1.1A



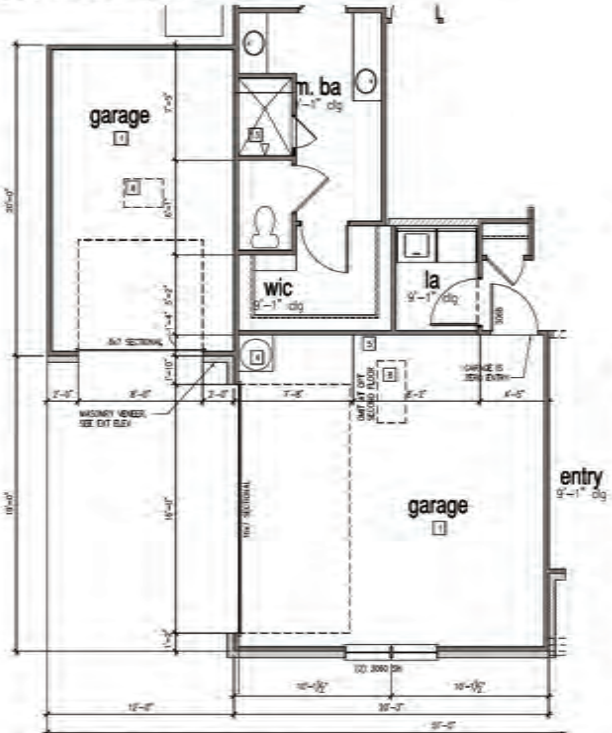
Opt. Master Bedroom Sitting R



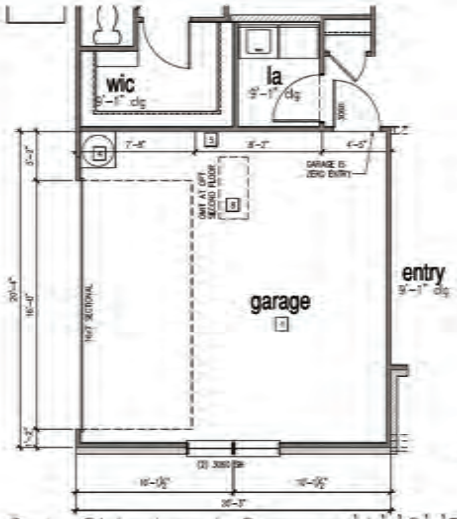
Opt. Oversized Deck



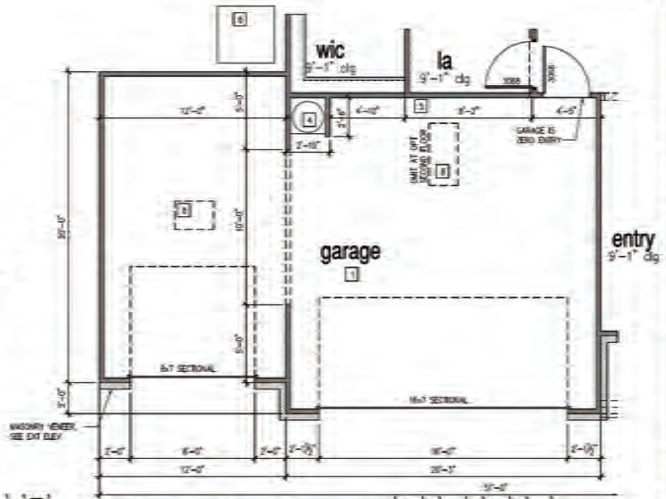
Opt. Covered Outdoor Living Deck



Opt. Side Load Garage w/ Carriage Garage 'A','C','D','E'



Opt. Side Load Garage 'A','C','D','E'



Opt. 3-Car Garage 'A','C','D','E'

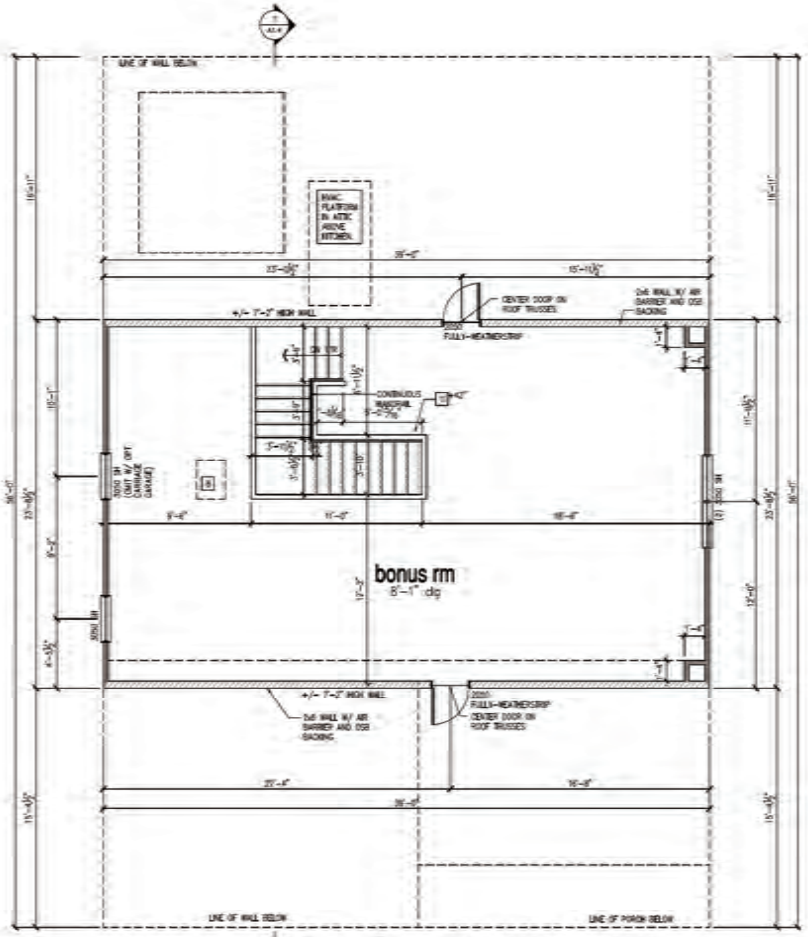
SEAL:

MODEL: **Camden A 1974-1975**

1ST FLOOR PLAN OPTIONS

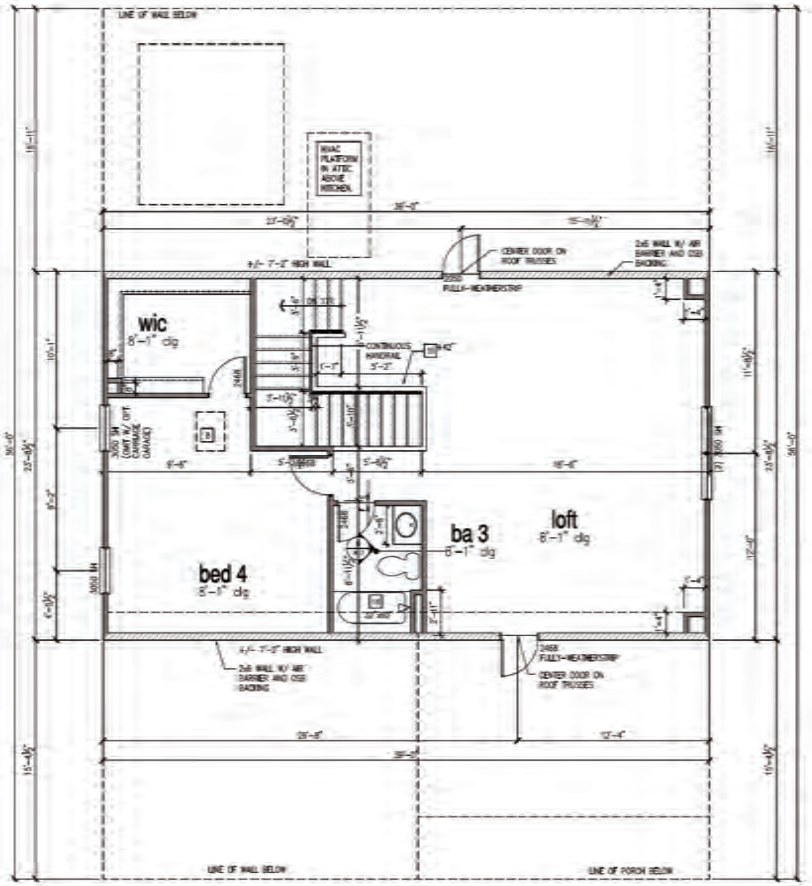
DESIGN BY:

A1.1.2A



Opt. Bonus Room

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. Bedroom 4/ Bath 3

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

SEAL:

MODEL: **Camden A 1974-1975**

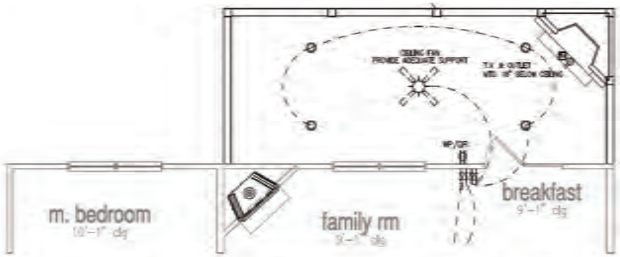
OPT. 2ND FLOOR PLAN

A1.2A

ELECTRICAL KEY

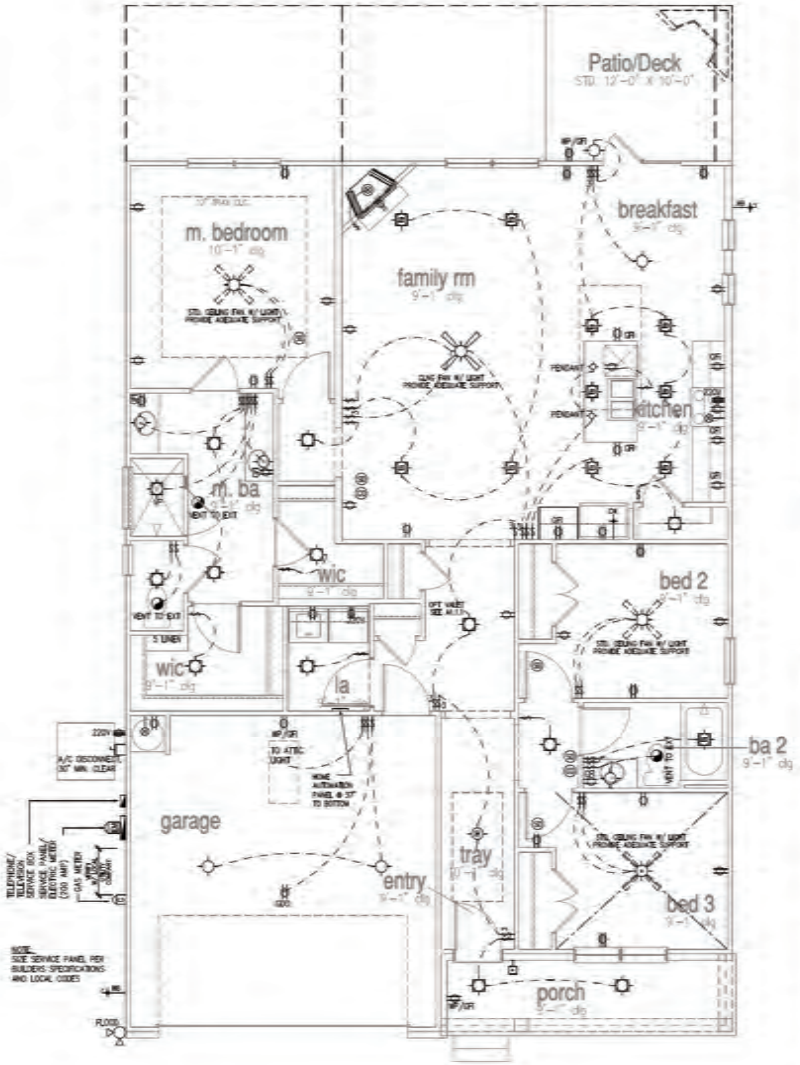
Opt. Master Bedroom Sitting Room

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. Covered Outdoor Living Deck

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



1st Floor Plan 'A'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

SEAL:

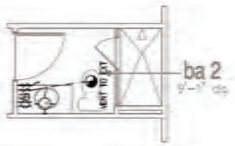
MODEL: **Camden A 1974-1975**

1ST FLOOR UTILITY PLAN

E2.0A

ELECTRICAL KEY

- DUPLEX RECEP.
- SPLIT SWITCHED RECEP.
- FLOOR RECEP.
- GFI RECEP.
- WEATHER PROOF RECEP.
- 220V RECEP.
- EXHAUST FAN
- EXHAUST FAN/LIGHT
- EXHAUST FAN/HEAT LIGHT
- RECESSED CAN LIGHT
- CEILING LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- HANGING CEILING LIGHT
- WALL LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- DIMMER SWITCH
- 4-WAY SWITCH
- TV JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 1 TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- DIMMER
- CEILING FAN
- CEILING FAN W/ LIGHT



Opt. Shower

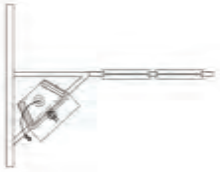
SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

Opt. Study ILO Bed 2

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

Opt. Screened Patio/Deck

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

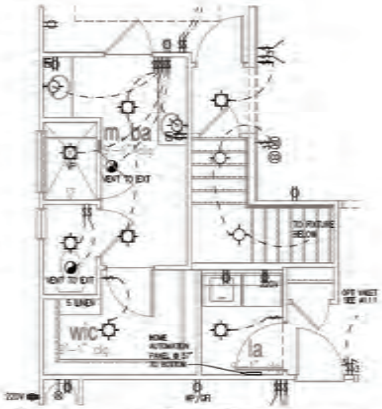


Opt. Fireplace

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

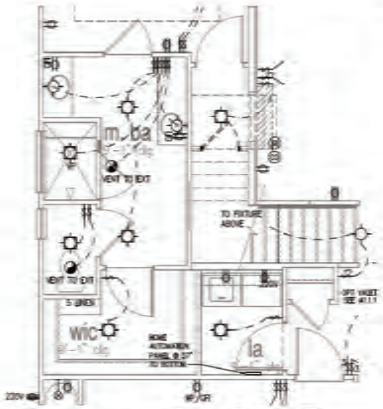
Opt. Gourmet Kitchen

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Stairs at Opt Basement

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Stairs at Opt 2nd Floor

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

[redacted]

[redacted]

[redacted]

SEAL:

MODEL: **Camden A 1974-1975**

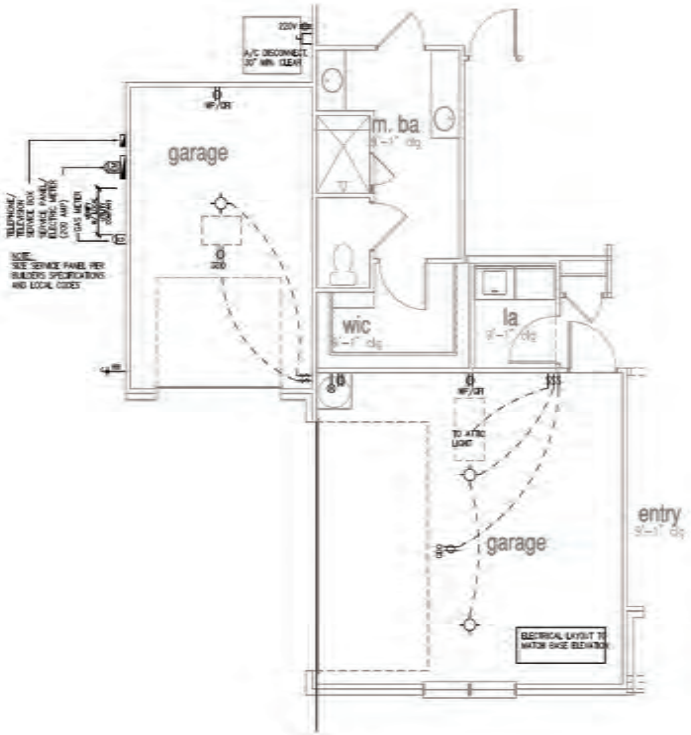
1ST FLOOR UTILITY PLAN

DRAWN BY:

E2.1A

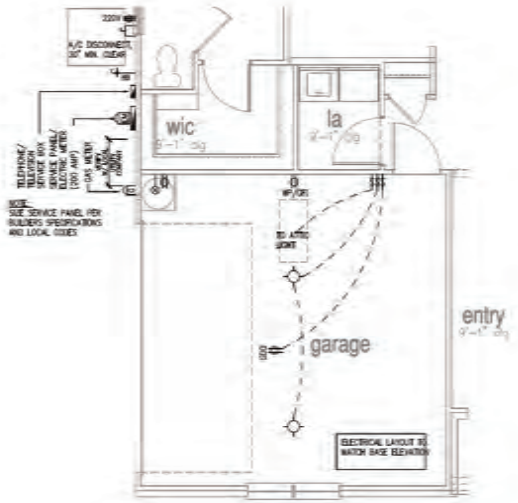
ELECTRICAL KEY

- DUPLEX RECEP.
- SPLIT SWITCHED RECEP.
- FLOOR RECEP.
- GFI RECEP.
- WEATHER PROOF RECEP.
- 220V RECEP.
- EXHAUST FAN
- EXHAUST FAN/LIGHT
- RECESSED DOWN LIGHT
- WALL LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE TV JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 1 TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- CHIME
- CEILING FAN
- CEILING FAN W/ LIGHT



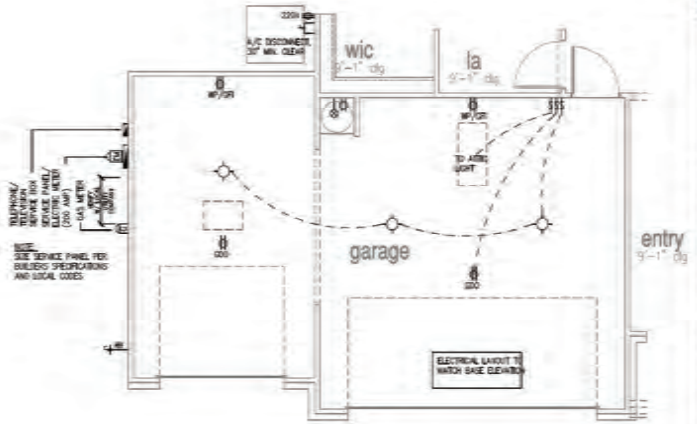
Opt. Side Load Garage w/ Carriage Garage 'A','C','D','E'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. Side Load Garage 'A','C','D','E'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. 3-Car Garage 'A','C','D','E'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

SEAL:

MODEL: Camden A 1974-1975

1ST FLOOR UTILITY PLAN

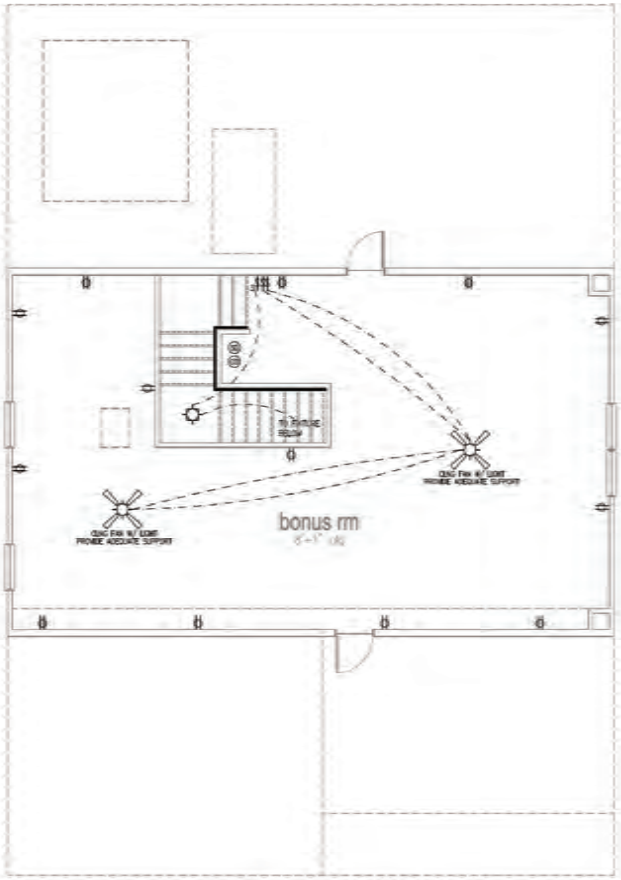
DESIGNED BY:

E2.2A

ELECTRICAL KEY

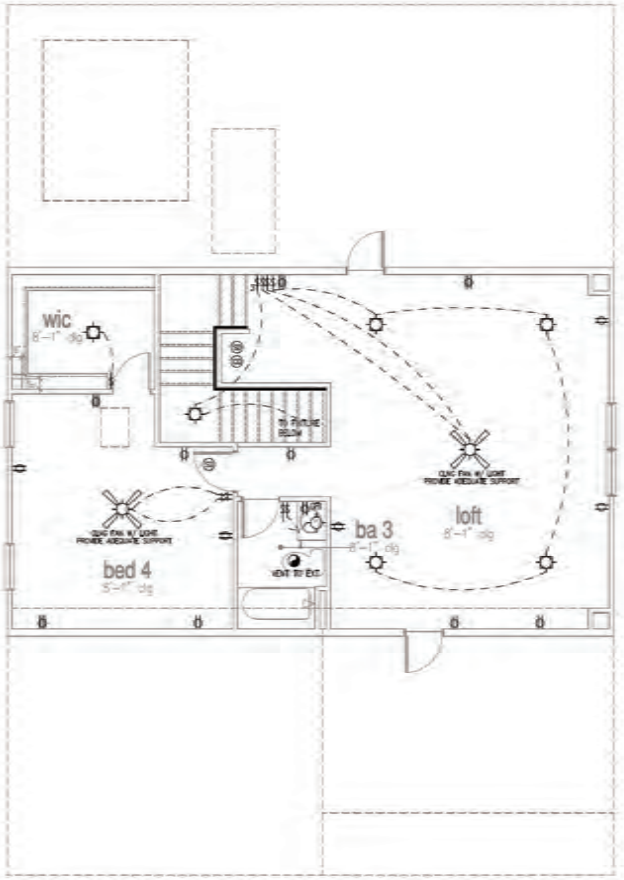
- CEILING RECEP
- DUPLEX RECEP
- SPLIT SWITCHED RECEP
- FLOOR RECEP
- QUADPLEX RECEP
- GFI GROUND FAULT RECEP
- GFI/WP WEATHER PROOF RECEP
- 220V 220v RECEP
- EXHAUST FAN
- EXHAUST FAN LIGHT
- EXHAUST FAN HEAT LIGHT
- RECESSED CAN LIGHT
- EYEBALL LIGHT
- WP WPOR PROTECTED LIGHT
- CEILING LIGHT
- HANGING CEILING LIGHT
- WALL LIGHT
- B WALL SCONCE LIGHT
- SINGLE SWITCH
- 3 WAY SWITCH
- 4 WAY SWITCH
- DIMMER SWITCH
- TV CABLE TV JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 4 TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- DIMMER
- CEILING FAN
- CEILING FAN W/ LIGHT

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. Bonus Room

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Opt. Bedroom 4/ Bath 3

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

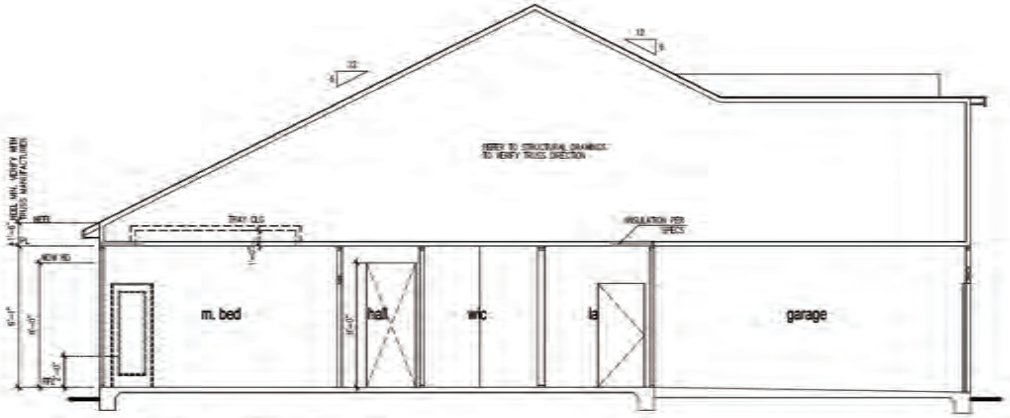
[redacted]

SEAL:

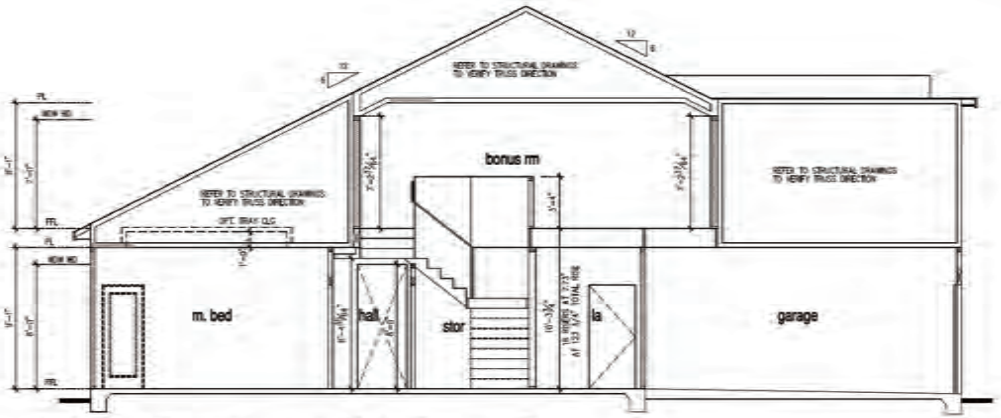
MODEL: Camden A 1974-1975

2ND FLOOR UTILITY PLAN

E3.0A



Building Section 1



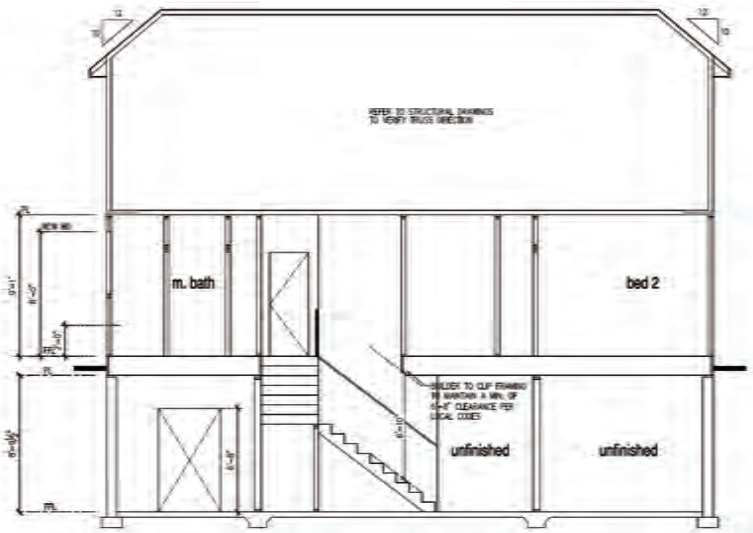
Building Section 1 w/Opt Bonus Rm

SEAL:

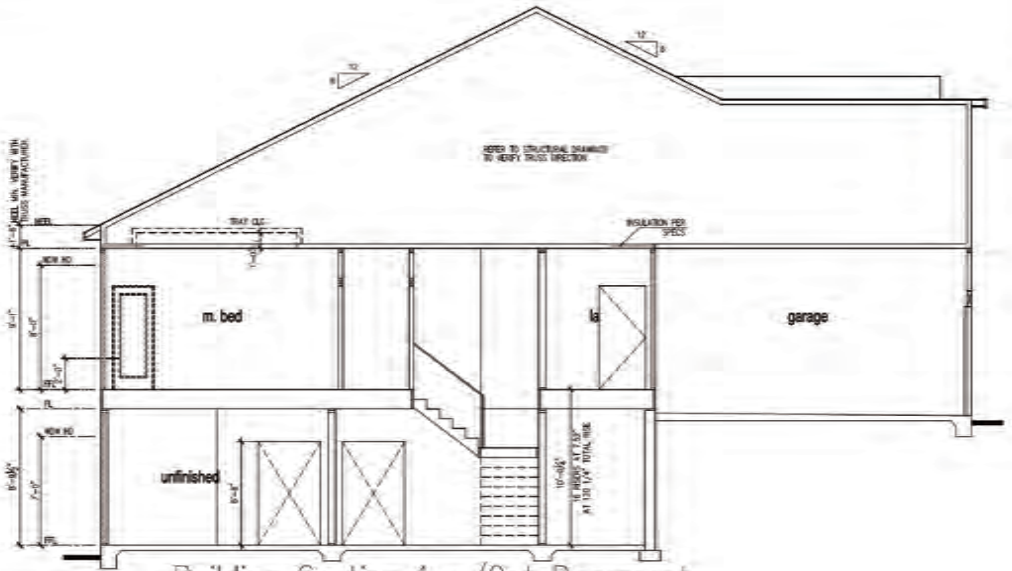
MODEL: Camden A 1974-1975

SECTIONS

A1.4A



Building Section 2 w/Opt Basement

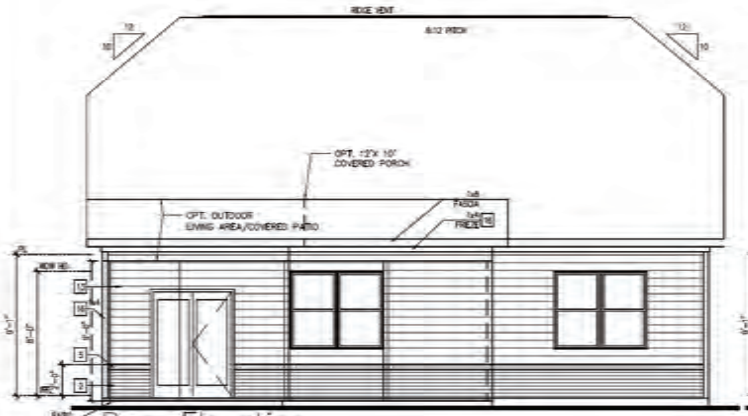


Building Section 1 w/Opt Basement

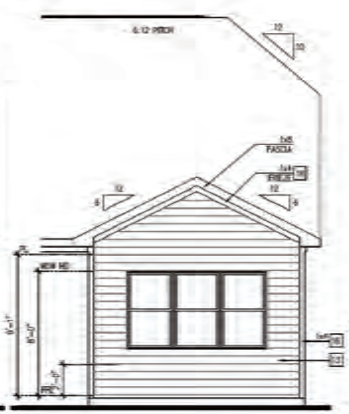
MODEL
Camden A 1974-1975

SECTIONS AT OPTIONAL BASEMENT

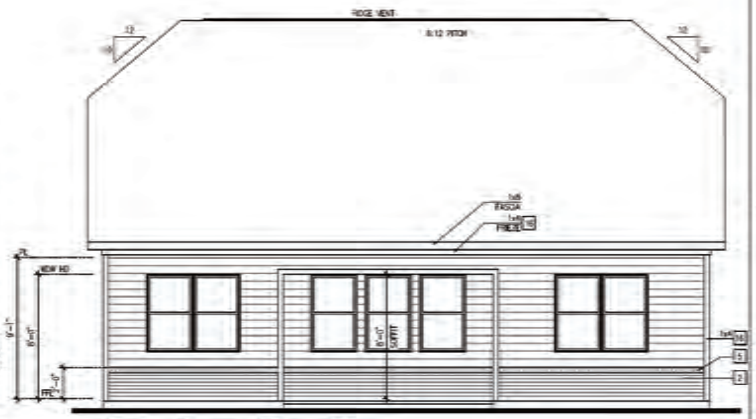
A1.4.1A



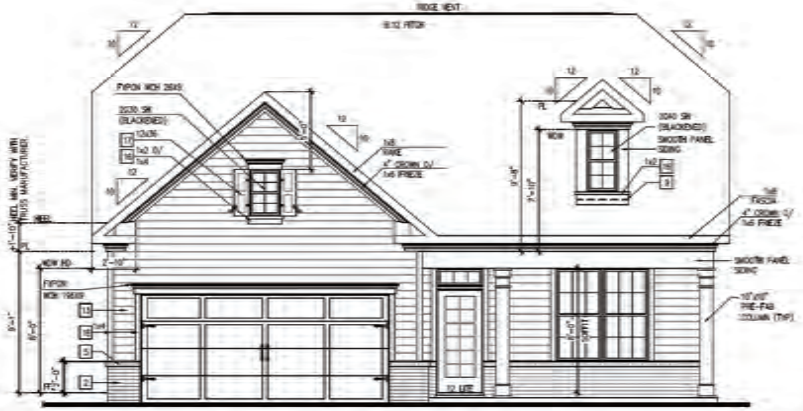
Rear Elevation



Opt. Sitting Room



Opt. Rear Elevation



Front Elevation

MATERIAL PERCENTAGES:	FRONT SIDE	RIGHT SIDE	REAR SIDE	LEFT SIDE
BRICK VENEER	19.67	–	–	–
STONE VENEER	–	–	–	–
HARDI-SIDING	80.33	100.00	100.00	100.00
BOARD&BATTEN	–	–	–	–
HEATED SQUARE FOOTAGE:	1562 S.F.			

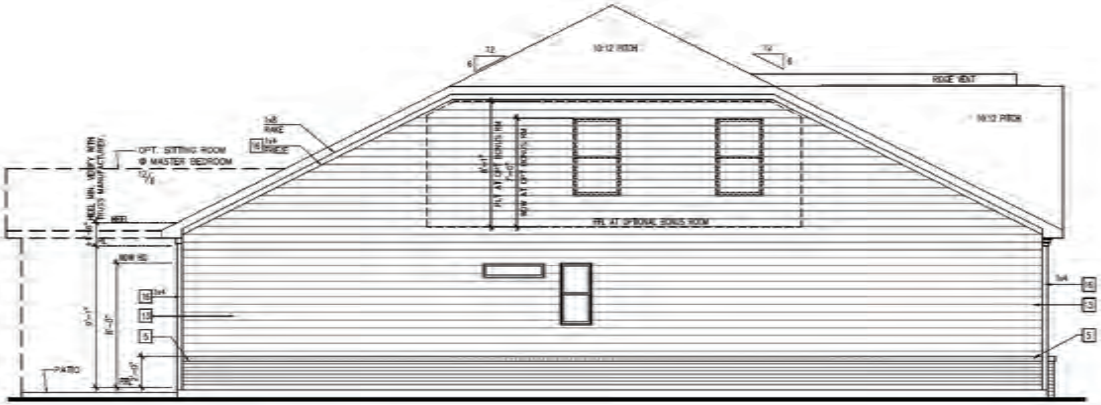
[redacted]

SEAL:

MODEL: Camden A 1974-1975

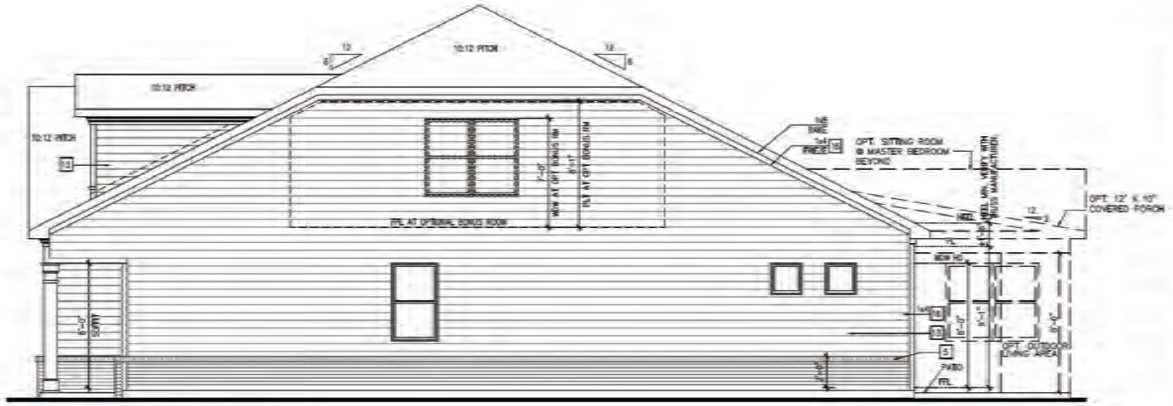
EXTERIOR ELEVATIONS

A1.5A



Left Elevation

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



Right Elevation

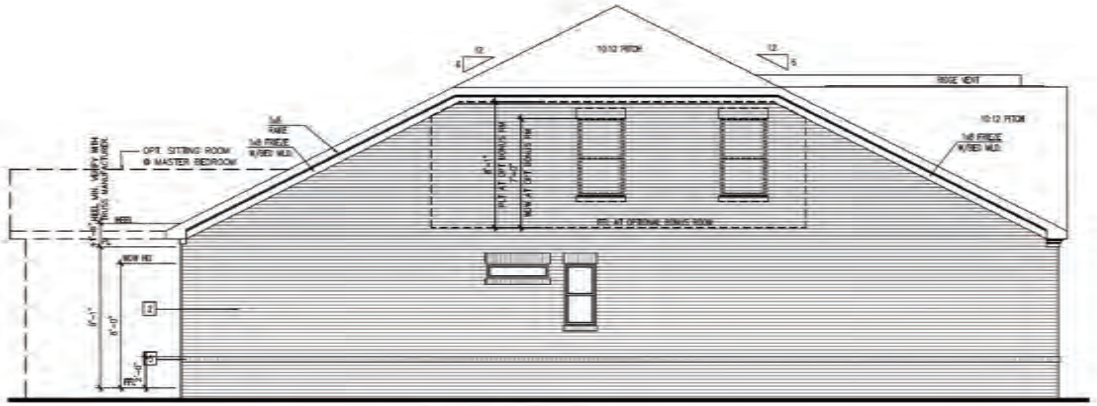
SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

SEAL:

MODEL: Camden A 1974-1975

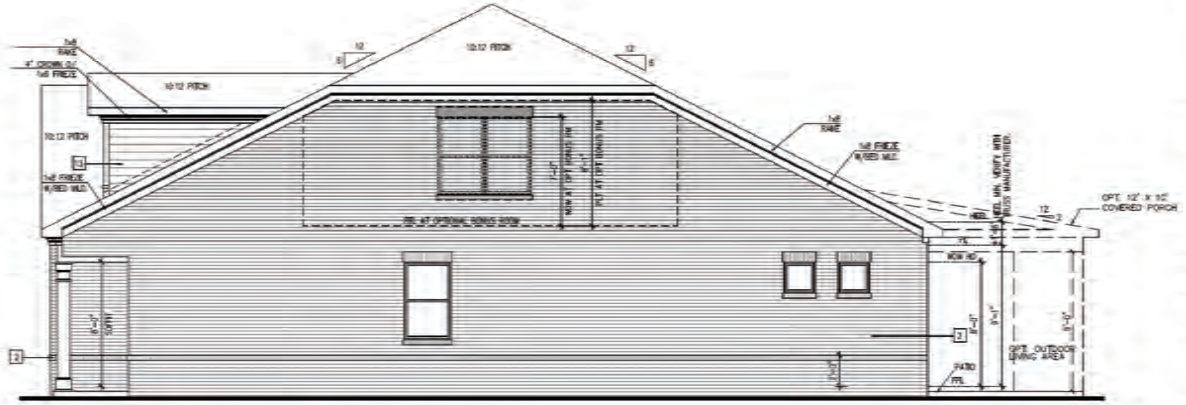
EXTERIOR ELEVATIONS

A1.5.1A



Left Elevation – 3 Side Brick

SCALE: 1/4"=1'-0" AS 22"X34" LAYOUT 1/8"=1'-0" AS 11"X17" LAYOUT



Right Elevation – 3 Side Brick

SCALE: 1/4"=1'-0" AS 22"X34" LAYOUT 1/8"=1'-0" AS 11"X17" LAYOUT

[redacted]

[redacted]

SEAL:

MODEL: **Camden A 1974-1975**

EXTERIOR ELEVATIONS – 3 SIDE BRICK

Revised by:

A1.5.2A

Hall County Government

COMMUNITY DEVELOPMENT AND INFRASTRUCTURE
PLANNING AND DEVELOPMENT

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.531.6809 | f: 770.531.3902

PLANNING AND DEVELOPMENT
DIRECTOR
Randi Doveton

ASSISTANT DIRECTOR
Beth Garmon

April 4, 2024

The Revive Land Group
Attn: Neville Allison
3500 Lenox Road, Suite 625
Atlanta, GA 30326

Dear Applicant:

On April 1, 2024 the Hall County Planning Commission voted to recommend approval, with conditions for your application for **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | Commission District 2 | **The Revive Land Group, LLC, applicant**

Conditions:

1. The property shall be developed in accordance with the site plan dated March 29, 2024, and as described in the project narratives provided by the applicant, modified as necessary for compliance with conditions herein and development standards enforced at the time of site plan approval.
2. No variances or development exceptions are granted as part of this request unless explicitly listed herein.
3. The development shall be limited to 114 single-family homes.
4. The minimum heated floor area (HFA) shall be 1,675 square feet.
5. Building elevations shall be composed of a mixture of cement siding, stone, and/or brick façade, with a minimum of brick or stone accents on the front of the homes. The balance of the home may be the same material or of fiber-cement material. Vinyl siding is prohibited. Homes shall be consistent with the submitted renderings. Final review and approval of building elevations is subject to the Assistant Director of Planning and Development, or their designee.
6. Front-entry garage orientation may be semi-flush with the front façade, protruding no greater than 8 feet beyond the front façade as shown on the submitted plan elevations included in the project narrative. Garage door width shall not exceed 46% of the width of the front façade of the residence. No part of the residential structure shall be closer than 25 feet to the front property line.
7. The development shall be served by public sewer, with the obtainment of all required easements and other construction costs

Deleted: 1,800

such as a lift station and force main to be the responsibility of the developer.

8. All lots shall access internal subdivision roads only. No lot shall have direct access to Antioch Campground Road, Looper Lake Road, or Allison Road.
9. All existing structures must be removed from the property prior to any residential building permits being issued.
10. The development shall be limited to a maximum of ten model homes prior to recording of the final plat. All life-safety regulations shall be satisfied prior to the issuance of a permit for a model home.
11. All designated open space, buffer areas, and stormwater detention ponds within the development shall be commonly held, and not by any individual homeowner(s).
12. All conditions of zoning shall be made a part of any plats or construction plans created for the subdivision.
13. According to 17.180.060.B.6.a There shall be two trees per lot. Trees shall be considered understory species, and may or may not be flowering trees, and shall not exceed a maximum mature height of 30 feet. Trees species are to be approved by the Assistant Director of Planning and Development, or their designee.
14. HOA, or property owner if located on a private individual lot, will be responsible for any portion of the sewer system not dedicated to the City of Gainesville and any sewer maintenance necessary for sewer lines not located within the public right-of-way or easements.
15. All chain link fencing around detention pond areas shall be black vinyl-coated. This standard shall not be applicable to the detention pond closest to Antioch Campground Road, which shall be designed as a shallow grassed and/or landscaped pond to maximize aesthetic appeal as shown in Exhibit A.
16. The lots impacted by the stormwater pond referenced in Exhibit A may be reduced in area to a minimum of 6,000 square feet. No more than 15 lots affected by this stormwater pond shall be permitted to be less than 8,000 square feet.
17. Development shall be age restricted, following HUD guidelines for 55+ communities.
18. A 10-foot landscape strip with an ornamental iron fence with brick or stone columns shall be installed along Antioch Campground Road. The applicant or developer shall have the option to install a fence and column of the same design along all portions of Allison Road, with prior notification of the Assistant Director of Planning and Development, and her acknowledgment.
19. Amenities including nature trail, pickleball courts, dog park, fire pit, and clubhouse shall be completed prior to twenty-five percent (25%) build-out. The developer shall have the option to construct a swimming pool instead of the pickleball courts. Additional amenities may be constructed by the developer at the discretion and approval of the Assistant Director of Planning and Development.

20. All retaining wall finishes shall be tumbled face products in natural stone colors.
21. Homes shall feature decorative carriage-style garage doors. A minimum of five (5) lots shall have homes with side-entry garages.
22. The pump station and discharge line shall be designed and constructed in such a way to accommodate only the subject development. The pump station shall not be upgraded or expanded to accommodate any future development.
23. Sidewalks shall be 5 feet wide on both sides of the road.
24. All traffic engineering standards shall be met, and associated costs shall be the sole responsibility of the developer.
25. The following statement regarding the potential impacts of agricultural operations in the area shall be made a part of any plat recorded on the property: "Owners, occupants, and users of property shown on this plat are hereby informed of the impacts associated with normal farming practices which may take place on adjacent and nearby property including, but not limited to, noise, odors, dust, the operation of machinery of any kind, the storage and disposal of manure, and the application of fertilizers, herbicides, and pesticides. Therefore, owners, occupants, and users of the property shown on this plat should be prepared to expect the effects of such practices."
26. Short Term Rentals shall be prohibited.
27. The following variances have also been granted as part of this request: a. 17.180.060(B)(8) – Open Space – Open Space shall be required at 30% of the gross acreage but shall be exempt from the requirements of sections 17.430.100 through 17.430.150 of the conservation subdivision chapter.

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The Board of Commissioners will hold a public hearing for final determination of this request at their meeting scheduled for **Wednesday, May 8, 2024 at 6:00 p.m.** at the Hall County Government Center, 2nd Floor Meeting Room, 2875 Browns Bridge Road, Gainesville, Georgia.

Please remember that removal of all Public Notice signs posted on the property is your responsibility and should be removed within five (5) working days following the Board of Commissioners final decision.

It is necessary that either you or your representative attend this meeting.

If you have any questions, please call this office.

Sincerely,

Beth Garmon,
Assistant Director of Planning and Development

/ad

Additional Supplemental Project Narrative for Allison Road Tract

LOCATION - 3212 & 3202 Antioch Campground Rd., 3446, 3450, 3456 Looper Lake Rd.
ACREAGE – 59.003 acres +/-
APPLICANT – The Revive Land Group, LLC
DATE – March 29, 2024

Summary

After receiving comments and feedback from Hall County Staff and Commission Members, The Revive Land Group, LLC submits this additional supplemental project narrative for its Allison Road project. The following changes/ clarifications have been made along with the redline proposed zoning conditions.

The site plan has been redesigned with one full access entrance on Antioch Campground Road and one full access entrance on Allison Road.

The detention pond on the northeast corner of the site has been redesigned as a shallow grassed/ landscaped stormwater pond, similar in nature to a drainage swale and moved behind the lots 1-8 and lots 32-38, similar to examples shown as Exhibit A.

The lot count has been adjusted to 114 lots.

A minimum of five (5) lots shall feature side entry garages.

The subdivision shall be age restricted, following HUD guidelines for 55+ communities.

A Variance is requested for no more than 13 lots to be reduced in size to 6,000 sqft in order to accommodate the shallower stormwater Pond.

A Variance is requested to allow garage doors to protrude 8’ front from the front façade, as shown on the previously submitted ranch elevations.

Minimum heated square footage is proposed to be 1800 sqft.

Amenities shall include nature trails, pickleball courts, dog park, fire pit, and club house and shall be completed prior to the issuance of the twenty eighth (28th) CO. The developer shall have the option to construct a swimming pool instead of the pickleball courts. Additional amenities may be constructed by the developer at the discretion and approval of the Assistant Director of Planning and Development.

Sincerely,

Neville Allison
The Revive Land Group, LLC
3500 Lenox Road, STE 625
Atlanta, GA 30326
nallison@therevivelandgroup.com
678-223-8978

EXHIBIT “A”

EXHIBIT “A”

Supplemental Project Narrative for Allison Road Tract

LOCATION - 3212 & 3202 Antioch Campground Rd., 3446, 3450, 3456 Looper Lake Rd.

ACREAGE – 59.003 acres +/-
APPLICANT – The Revive Land Group, LLC

Summary

The Revive Land Group, LLC submits this supplemental project narrative for its Allison Road project. After reviewing feedback from recent zoning cases in the immediate area of the subject property and market data for an undersupplied housing need in northern Hall County, Revive intends to design and program this project as an Age Targeted development for Seniors 55 years old and older.

Revive is submitting a series of 1 and1 ½ story Ranch Plans for this project, with master on the main and modern floor plans. These square footages range from 2,008 sqft to 2,534 sqft and are ideal for the Active Adult buyer. In addition to the revised plan, Revive has reprogrammed the amenity area specifically for Active Adults, with a clubhouse, two pickle ball courts and an outdoor firepit/ gathering area. Lastly, the low maintenance lifestyle desired by Active Adults will be met with included lawn maintenance throughout the community.

While the project will meet the housing needs of Hall County's aging population, it will also have no impact on the surrounding schools, and a far less impact on surrounding traffic, as active adults tend to have approximately half as many trips during peak hours associated with school and work commutes as normal single-family neighborhoods. This change in traffic is also reflected in a revised traffic study that is in process and will be submitted in the coming days.

Sincerely,

Neville Allison
The Revive Land Group, LLC
3500 Lenox Road, STE 625
Atlanta, GA 30326
nallison@therevivelandgroup.com
678-223-8978

Project Narrative for Allison Road Tract

LOCATION - 3212 & 3202 Antioch Campground Rd., 3446, 3450, 3456 Looper Lake Rd.

ACREAGE – 59.003 acres +/-
APPLICANT – The Revive Land Group, LLC

Summary

The accompanying application seeks zoning district change from AR-III to PRD for 59.003 acres +/- of undeveloped property located at the intersection of Antioch Campground Road and Looper Lake Road in north Hall approximately 0.5 miles east of Sardis Road. The intent is to develop up to 115 units of quality single-family detached housing under Hall County's PRD (Planned Residential Development) District. The proposed use is consistent with the Hall County Comprehensive Plan for "residential" use and appropriate for Hall County's Planned Residential Development (PRD) District and for this location. Completion of development is anticipated by 2025. Further, this development will provide much needed housing for Hall County, as outlined in Hall County's Comprehensive Plan.

Site Description

The parcel has approximately 680 LF of frontage along Antioch Campground Road, 1,150 LF along Looper Lake Road and 1,840 LF along Allison Road. The property is rectangular with frontage on three county roads. The site is undeveloped with a mixture of pines and hardwood trees. A jurisdictional stream (Sardis Creek) and a smaller jurisdictional tributary are located on the property. In addition, several small areas of jurisdictional wetlands are also present. Domestic water will be provided by the City of Gainesville and is in Allison Road, Looper Lake Road and Antioch Campground Road. Hall County will serve the property with sanitary sewer via an on-site pump station, with an existing force main located along the property frontage on Allison Road. All other dry utilities are located within a reasonable distance for service extensions.

There are no known site impediments to the property's successful development as a single-family subdivision.

Adjacencies

The property is surrounded by residential zoning (AR-III., V-C and PRD). Additionally, the Antioch Campground is located to the northwest of the property.

Access

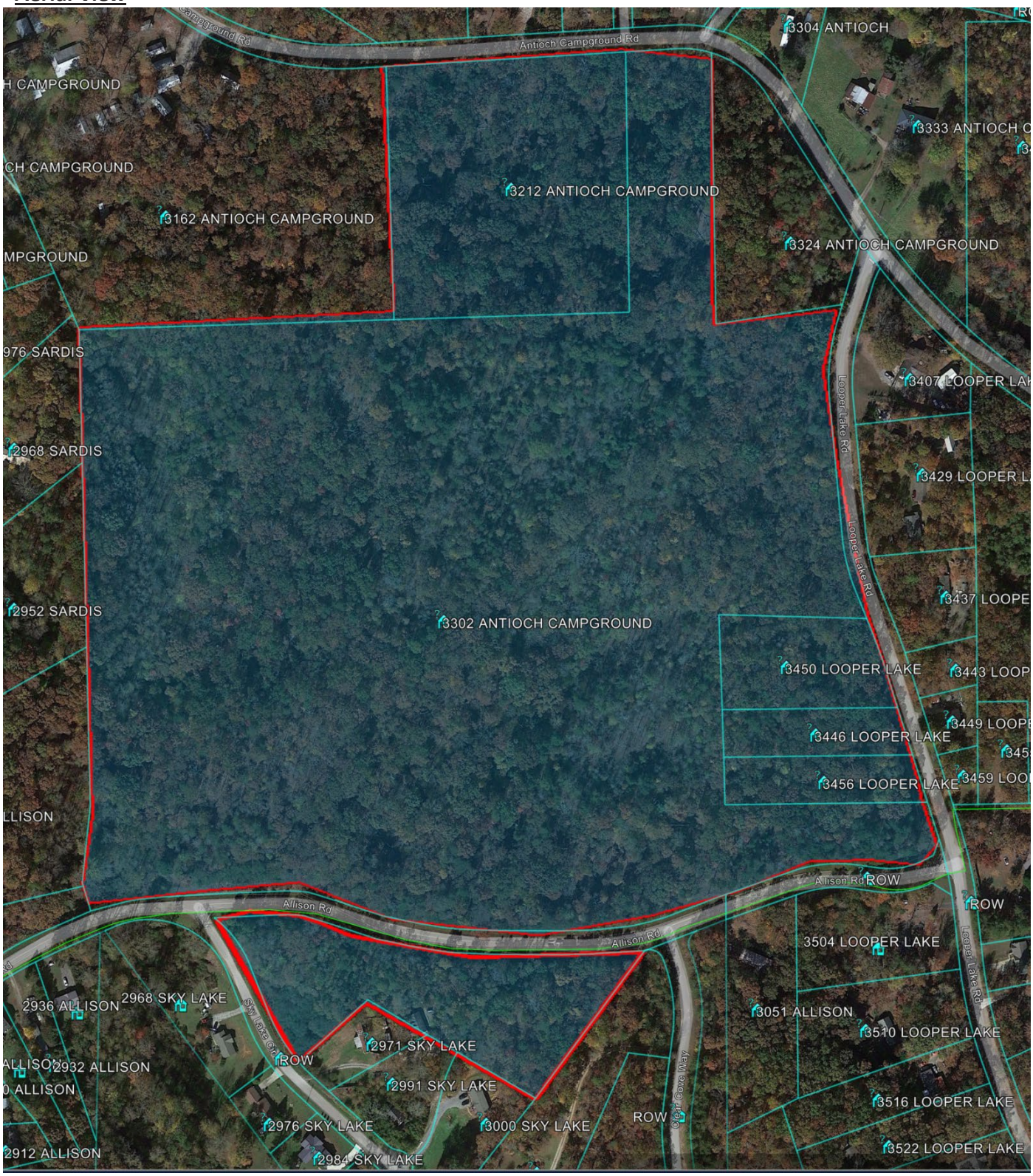
Two Entrances are proposed to the property from Antioch Campground Road approximately 900 LF west of Looper Lake Drive. While not required by Hall County Development or Fire code, the applicant's two entrance will not only provide additional safety to the community, but also improve traffic circulation within the development. The western entrance is full access, while the eastern entrance is right in/ right out, only.

Proximity to Other Uses

- Nearest distance to undeveloped commercial property - parcel 10070 000048 zoned H-B located at 2581 Dawsonville Hwy.

- Nearest distance to developed commercial property - parcel 10071 000161 zoned S-S, located at 2652 Dawsonville Hwy.
- Nearest distance to a single family home – a single family home at 3449 Looper Lake Road is located within 100' of the eastern boundary.
- Nearest distance to a subdivision - Tranquility Cove S/D is located immediately south of the property.

Aerial View



Comprehensive Plan Consistency

The project is consistent with the residential designation (Lake Residential) of the Future Land Use Map, although the density is slightly greater based on the availability of sewer in the area.

Traffic Impact Study

A Traffic Impact Study has been completed and is attached as part of this application. The findings of the report indicate that the traffic generated from the proposed development will not have a negative impact on existing traffic in the area.

Development Strategy

The property is planned for traditional use single-family homes ranging from 1,800 SF for a single story home and 2,000SF to more than 3,000 SF for two story home. The property is near the proposed Sardis Connector, the intent of which is to open this area of Hall county to north and south Hall county.

Project Dimensional Standards

Proposed Dimensional Standards	
	Single Family - Detached
Acreage (Overall)	59.003
Density (Overall)	1.95
# of Lots	115
Exterior Graded and replanted Buffer	50'
Minimum Open Space (Overall) Open Space Provided	30% (17.701 Acres) 47.8% (28.193 Acres)
Sidewalks	4', both sides
Minimum lot width @ building line	50'
Minimum lot area	8,000 sf
Maximum height	35'
Front setback from R/W	25'
Rear setback	20'
Side setback	5'
Corner Lot Setback (non-front side)	5'
Side Separation (foundation to foundation)	10'
Garage - % of front facade	46%
Minimum heated floor area (one story/two story)	1800 SF One Story 2000 SF Two Story

*Per Hall County's Planned Unit Development Category (PRD), Any dimensions, drawings, and notes on site plan dated January 16, 2024 and attached with this Application or outlined in this Narrative shall dictate the standards of this development.

Architectural Materials & Site Improvements

At a minimum, the homes would follow a design theme that would include:

- Two-car garages (width not to exceed 46% of front building width - Variance Requested in this Narrative)
- Front facades with a combination of masonry and hardi-plank materials
- Side & Rear facades with hardi-plank or shake siding
- Sodded yards (4 sides)
- One street tree per home (minimum 2 ½" caliper)

Entrance Monumentation

The entrance may be gated and if so, the private streets will be maintained by the Homeowner's Association (HOA). All necessary requirements to allow access for public safety and other services will be provided. At least one central mail kiosk will be provided subject to USPS review and approval. The entrance may include the following structural items:

- Masonry walls
- Wood or PVC fencing
- Gate House
- Operable or Faux Gates
- Illuminated Signage in accordance with the Hall County Sign Ordinance

- Ornamental Sculpture
- Landscaping & 1rrigation

Amenities

The community amenities, at a minimum, will contain the following items:

- Walking Trails
- Dog Park
- Pocket Parks

Other amenities, at the sole discretion of the Developer, may include the following items:

- Playground
- Passive Pocket Parks
- Fire Pit
- Pool and Cabana, with guest parking

Signage

The Developer and/or Builder shall be allowed to post permanent directional signs and monuments within the Community to direct traffic to sales and recreation centers and to identify differing residential areas. All permanent internal signage must be outside of any Right of Way or Utility Easement with a Landscape and Signage easement recorded on the Final Plat.

Temporary Sales and Marketing signs not exceeding 32 square feet per sign face and 8 feet in height may be used along Antioch Campground Road.

Model Home Permits

Applicant requests that up to ten (10) model home permits be issued prior to Final Plat recording provided that hard surface (crusher run) access is provided and fire protection (functioning hydrant) is located within 500 feet of any structure under construction. However, no certificate of occupancy permits (CO) will be issued prior to final plat recording. Model Homes may be utilized as temporary offices.

Sales and Construction Trailers

Applicant is requesting permission to install one sales trailer and one construction trailer with associated parking areas in locations to be determined at the time of street paving and possible ahead of final plat approval.

Homeowner's Association

A Homeowner's Association will be created in order to administer the covenants, conditions and restrictions that will be placed on the property by the Applicant. The HOA will manage the overall management of the property including maintenance, architectural controls and financial management.

Conceptual Master Plan

The development of the community shall be controlled by the Conceptual Master Plan (the "Plan") attached as exhibit "A". The plan is considered conceptual in nature, and as such may require minor modifications during the engineering and development process. Modifications to the locations and arrangement of lots, roads, amenities, and other improvements that do not conflict with specific standards and requirements of these conditions may be made by the Developer, and not require any additional action by the Board of Commissioners or Planning

Commission, so long as such modifications do not change the land use, increase the overall density of the project or reduce any established exterior buffers or setbacks.

Proposed Variances from PRD Requirements & Associated Hall County Development & Architectural Standards

- 17.180.060.6 – **Landscape Requirements –** The requirement for two trees per lot shall be modified to one tree per unit (115) plus any trees necessary to satisfy the development's tree density requirements.
- 17.180.060.8 - **Open Space** - Open Space shall be required at 30% of the gross acreage but without the requirements of sections 17.430.100 through 17.430.150
- **Garage width** variance to allow 16' wide garage doors, across a 35-40' house elevation width or up to 46% of the front facade.
- Variance to allow the **garage face** home to not be recessed behind the front porch/ door of the home, providing that the garage is still set back a minimum of 25' from the right of way.

REQUIRED CONSTITUTIONAL AND ANTE LITEM NOTICE

Georgia law and the procedures of Hall County requires the Applicant to raise Federal and State constitutional objections during the PRD master plan application process. While the Applicant anticipates a smooth application process, failure to raise constitutional objections at this stage may mean that the Applicant will be barred from raising important legal claims later in the process. Accordingly, the following constitutional objections are stated:

The portions of the Hall County Development Code, facially and as applied to the Property, which restrict the Property to any uses, conditions, land use designations, development standards, or to any zoning district other than that proposed by the Applicant are unconstitutional in that they would destroy the Applicant's property rights without first paying fair, adequate and just compensation for such rights, in violation of Article I, Section I, Paragraph I and Section III, Paragraph I of the Constitution of the State of Georgia of 1983, and the Due Process Clause of the Fourteenth Amendment to the Constitution of the United States.

The application of the Hall County Development Code, facially and as applied to the Property, which restricts the Property to any uses, conditions, land use designations, development standards, or to any zoning district other than in accordance with the application as proposed by the Applicant is unconstitutional, illegal, null and void, constituting a taking of Applicant's Property in violation of the Just Compensation Clause of the Fifth Amendment to the Constitution of the United States; Article I, Section I, Paragraph I, and Section III, Paragraph I of the Constitution of the State of Georgia of 1983; and the Equal Protection and Due Process Clauses of the Fourteenth Amendment to the Constitution of the United States denying the Applicant an economically viable use of its land while not substantially advancing legitimate state interests.

A denial of this Application would be unconstitutional under the Takings Clause of the Fifth Amendment to the Constitution of the United States and the Just Compensation Clause of Article I, Section III, Paragraph I of the Constitution of the State of Georgia of 1983. A refusal by the Hall County Board of Commissioners to approve the zoning conditions as requested would constitute a taking of the Applicant's property.

A denial of this Application would constitute an arbitrary and capricious act by the Hall County Board of Commissioners without any rational basis therefore constituting an abuse of discretion in violation of Article I, Section I, Paragraph I and Section III, Paragraph I of the Constitution of the State of Georgia of 1983, and the Due Process Clause of the Fourteenth Amendment to the Constitution of the United States. A refusal to grant the PRD zoning request would lack objective justification and would result only from neighborhood opposition, which would constitute an unlawful delegation of the zoning power to non-legislative bodies in violation of the Georgia Constitution, Article IX, Section II, Paragraph 4.

A refusal by the Hall County Board of Commissioners to approve this Application for the Property in accordance with the criteria as requested by the

Applicant would be unconstitutional and discriminate in an arbitrary, capricious and unreasonable manner between the Applicant and owners of the similarly situated property in violation of Article I, Section I, Paragraph II of the Constitution of the State of Georgia of 1983 and the Equal Protection Clause of the Fourteenth Amendment to the Constitution of the United States. Any rezoning of the Property subject to conditions which are different from the conditions requested by the Applicant, to the extent such different conditions would have the effect of further restricting Applicant's utilization of the Property, would also constitute an arbitrary, capricious and discriminatory act in zoning the Property to a unconstitutional classification and would likewise violate each of the provisions of the State and Federal Constitutions set forth hereinabove.

I. CONCLUSION

For the foregoing reasons, the Applicant respectfully requests that this PRD master plan application be granted as requested by the Applicant. If there are any questions about this request, you may contact:

Neville Allison
The Revive Land Group, LLC
3500 Lenox Road, STE 625
Atlanta, GA 30326
nallison@therevivelandgroup.com
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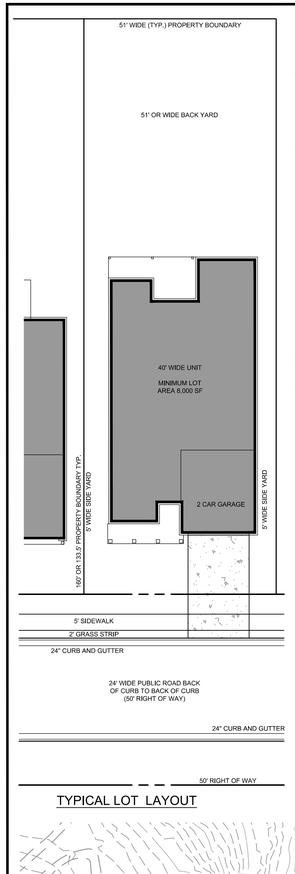
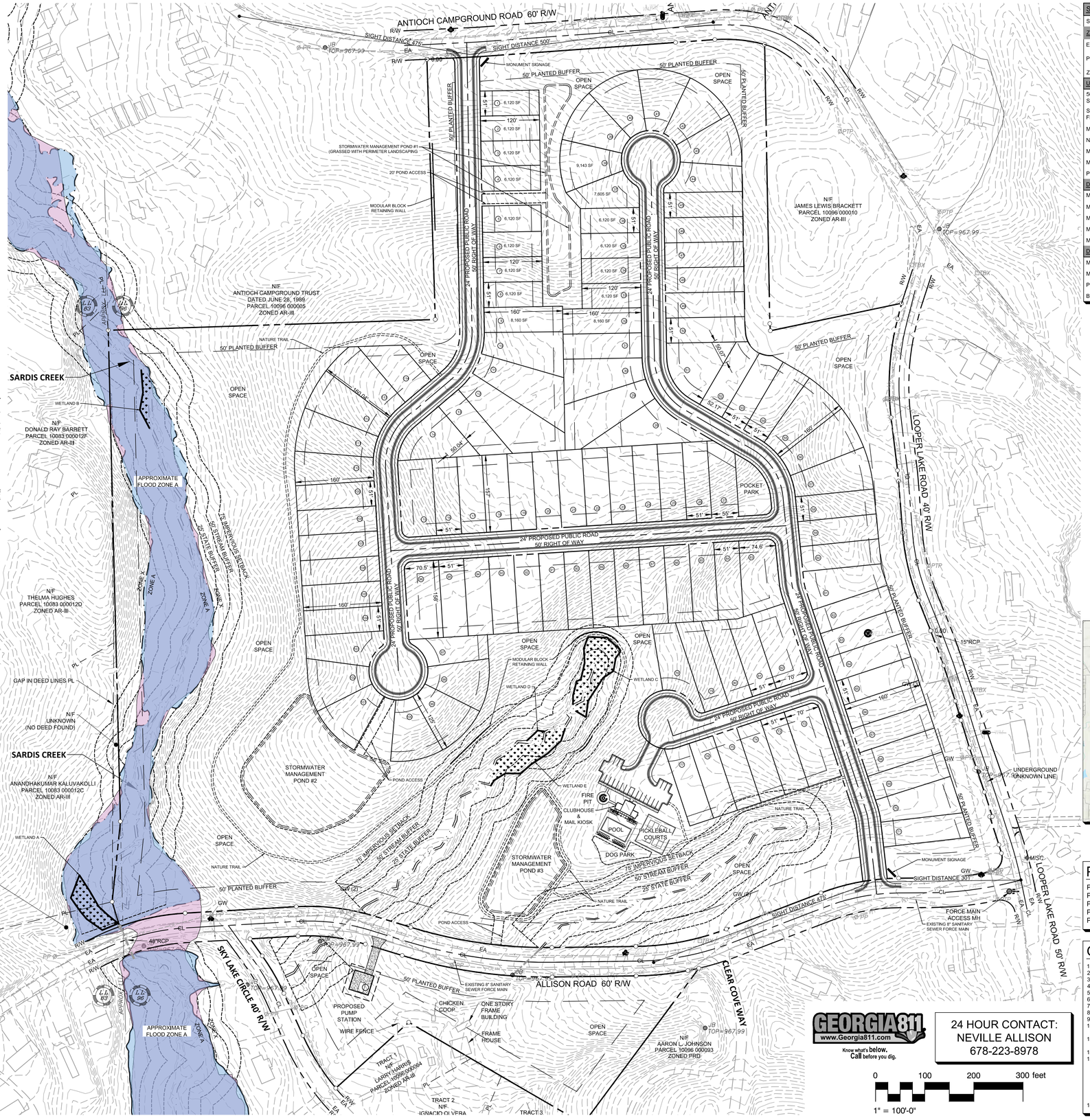
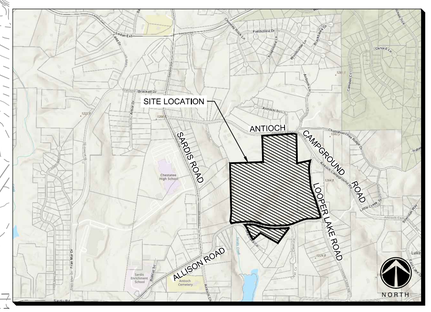


TYPICAL LOT LAYOUT



SITE DATA:	
SITE AREA	59.003 ACRES
ZONING	
EXISTING ZONING	AR-III
PROPOSED ZONING	PRD (PLANNED RESIDENTIAL DEVELOPMENT) SENIOR ORIENTED RESIDENTIAL USE
ZONING JURISDICTION	HALL COUNTY
USE	
50' WIDE LOTS - 38' WIDE FRONT-LOADED SINGLE-FAMILY	114 UNITS
SINGLE-FAMILY GARAGE DOORS (FLUSH WITH FRONT FACADE)	16 FEET WIDE OR 42% WIDTH OF UNIT
MAXIMUM HEIGHT	35 FEET
NUMBER OF STORIES	TWO-STORY
MINIMUM UNIT SIZE	2,100 SF
MAXIMUM DENSITY	2.00 UNITS
PROPOSED DENSITY	1.93 UNITS PER ACRE
DIMENSIONAL STANDARDS SINGLE-FAMILY	
MINIMUM LOT AREA (EXCEPT AS NOTED)	8,000 SF
MINIMUM LOT WIDTH	50 FEET
MINIMUM FRONT YARD SETBACK	25 FEET
MINIMUM SIDE YARD SETBACK	5 FEET
MINIMUM REAR YARD SETBACK	20 FEET
DIMENSIONAL STANDARDS	
MINIMUM PUBLIC ROAD FRONTAGE	75 FEET
MINIMUM OPEN SPACE	30% OR 17.701 ACRES
PROPOSED OPEN SPACE	47.8% OR 28.193 ACRES
BUFFER	50 FOOT PLANTED BUFFER ALONG PERIMETER



SITE LOCATION MAP
NOT TO SCALE

PROPERTY OWNERS:

PARCEL ID: 10096 000006 - CAROLE FREEMAN
PARCEL ID: 10096 000004 - WESLEY MARTIN
PARCEL ID: 10096 000059 - LAMAR COLLINS
PARCEL ID: 10096 000061 - LAMAR COLLINS
PARCEL ID: 10096 000062 - LAMAR COLLINS

GENERAL NOTES:

1. STREAMS AND WETLANDS ARE LOCATED ON THE SITE
2. FLOODPLAIN IS LOCATED ON THE SITE
3. NO POWER TRANSMISSION OR GAS PIPELINE EASEMENTS ARE LOCATED ON THE SITE
4. NO CEMETERIES ARE LOCATED ON THE SITE
5. SIZE AND LOCATION OF PROPOSED STRUCTURES AS INDICATED ON THE SITE PLAN
6. SPEED LIMIT ON ANTIOCH CAMPGROUND ROAD IS 35 MPH.
7. SPEED LIMIT ON LOOPER LAKE ROAD IS 35 MPH.
8. SPEED LIMIT ON ALLISON ROAD IS 35 MPH
9. WATER UTILITY PROVIDER IS CITY OF GAINESVILLE.
10. SANITARY SEWER PROVIDER IS CITY OF GAINESVILLE. DEVELOPMENT TO BE SERVED BY GRAVITY SEWER. A PROPOSED PUMP STATION IS REQUIRED.
11. THIS CONCEPT PLAN UTILIZES GIS DATA FOR FLOOD HAZARD AREA, TOPOGRAPHY, SANITARY SEWER FORCE MAIN AND UNDERGROUND WATER MAIN.
12. EXISTING TREE CANOPY COVERS THE SITE.
13. THE HOA(S) WILL MAINTAIN AND MANAGE ALL OF THE COMMON AREAS OF THE DEVELOPMENT, INCLUDING FINANCIAL MANAGEMENT AND ENFORCEMENT OF COMMUNITY STANDARDS. ANY MODIFICATIONS OR NEW CONSTRUCTION WITHIN THE COMMUNITY MUST BE APPROVED BY AN ARCHITECTURAL REVIEW BOARD. THE BOARD WILL BE ESTABLISHED AND OPERATED BY THE DEVELOPER UNTIL SUCH TIME AS THE POWERS ARE TRANSFERRED TO THE HOA(S). PUBLIC STREETS WILL BE TURNED OVER TO THE COUNTY WHEREAS THE ALLEYWAYS WILL BE PRIVATE AND WILL BE MAINTAINED BY THE HOA(S).
14. EXISTING STRUCTURES ON THE SITE ARE TO BE REMOVED.

GEORGIA811 www.Georgia811.com Know what's below. Call before you dig.

24 HOUR CONTACT:
NEVILLE ALLISON
678-223-8978

ENGINEER
THE REVIVE LAND GROUP
Part of Peachtree Group

SOURCE. ENTITLE. REVIVE.

ONE ALLIANCE CENTER
3500 LENOX ROAD
SUITE 625
ATLANTA, GEORGIA 30326
O: (678) 223-8978
WWW.THEREVIVELANDGROUP.COM

PROJECT
SOMERSET AT SARDIS CREEK

A MASTER PLANNED SENIOR ORIENTED RESIDENTIAL DEVELOPMENT

3212 & 3302 ANTIOCH CAMPGROUND ROAD
GAINESVILLE, GA 30506

HALL COUNTY
GEORGIA

LAND LOT: 83 & 96
DISTRICT: 10TH

CLIENT
THE REVIVE LAND GROUP
Part of Peachtree Group

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O: (678) 223-8978
THEREVIVELANDGROUP.COM

REVISION

REVISION	DATE

PROJECT NUMBER
23023

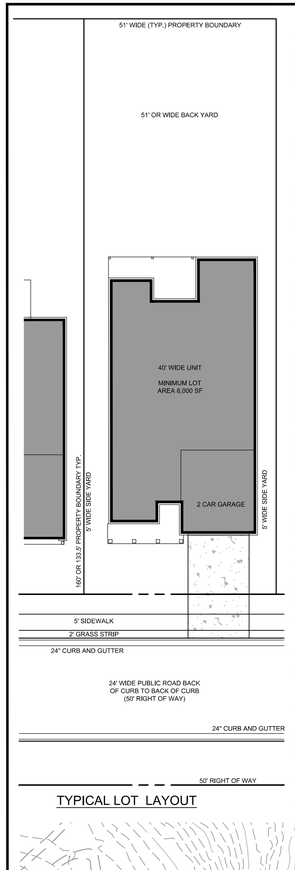
SEAL
GEORGIA REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY
NOT TO BE RELEASED FOR CONSTRUCTION
CHARLES BARRY CHRISTIE
SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE

NORTH
NORTH

DATE
APRIL 23, 2024

TITLE
CONCEPTUAL SITE PLAN

SHEET
Z-01



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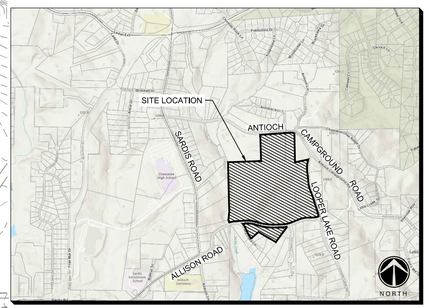

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GENERAL NOTES:

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13. THE HOA(S) WILL MAINTAIN AND MANAGE ALL OF THE COMMON AREAS OF THE DEVELOPMENT, INCLUDING FINANCIAL MANAGEMENT AND ENFORCEMENT OF COMMUNITY STANDARDS. ANY MODIFICATIONS OR NEW CONSTRUCTION WITHIN THE COMMUNITY MUST BE APPROVED BY AN ARCHITECTURAL REVIEW BOARD. THE BOARD WILL BE ESTABLISHED AND OPERATED BY THE DEVELOPER UNTIL SUCH TIME AS THE POWERS ARE TRANSFERRED TO THE HOA(S). PUBLIC STREETS WILL BE TURNED OVER TO THE COUNTY WHEREAS THE ALLEYWAYS WILL BE PRIVATE AND WILL BE MAINTAINED BY THE HOA(S).
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GEORGIA811 www.Georgia811.com Know what's below. Call before you dig.

24 HOUR CONTACT:
NEVILLE ALLISON
678-223-8978

0 100 200 300 feet
1" = 100'-0"

ENGINEER
THE REVIVE LAND GROUP
Part of Peachtree Group

SOURCE. ENTITLE. REVIVE.

ONE ALLIANCE CENTER
3500 LENOX ROAD
SUITE 625
ATLANTA, GEORGIA 30326
O: (678) 223-8978
WWW.THEREVIVELANDGROUP.COM

PROJECT
SOMERSET AT SARDIS CREEK

A MASTER PLANNED SENIOR ORIENTED RESIDENTIAL DEVELOPMENT

3212 & 3302 ANTIOCH CAMPGROUND ROAD
GAINESVILLE, GA 30506

HALL COUNTY
GEORGIA

LAND LOT: 83 & 96
DISTRICT: 10TH

CLIENT
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REVISION

REVISION	DATE

PROJECT NUMBER
23023

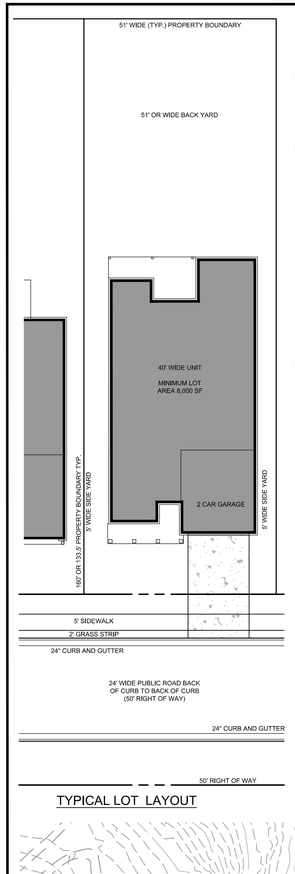
SEAL
GEORGIA REGISTERED PROFESSIONAL ENGINEER JAMES BARRY CHRISTIAN
PRELIMINARY
NOT TO BE RELEASED FOR CONSTRUCTION
SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE

NORTH
NORTH

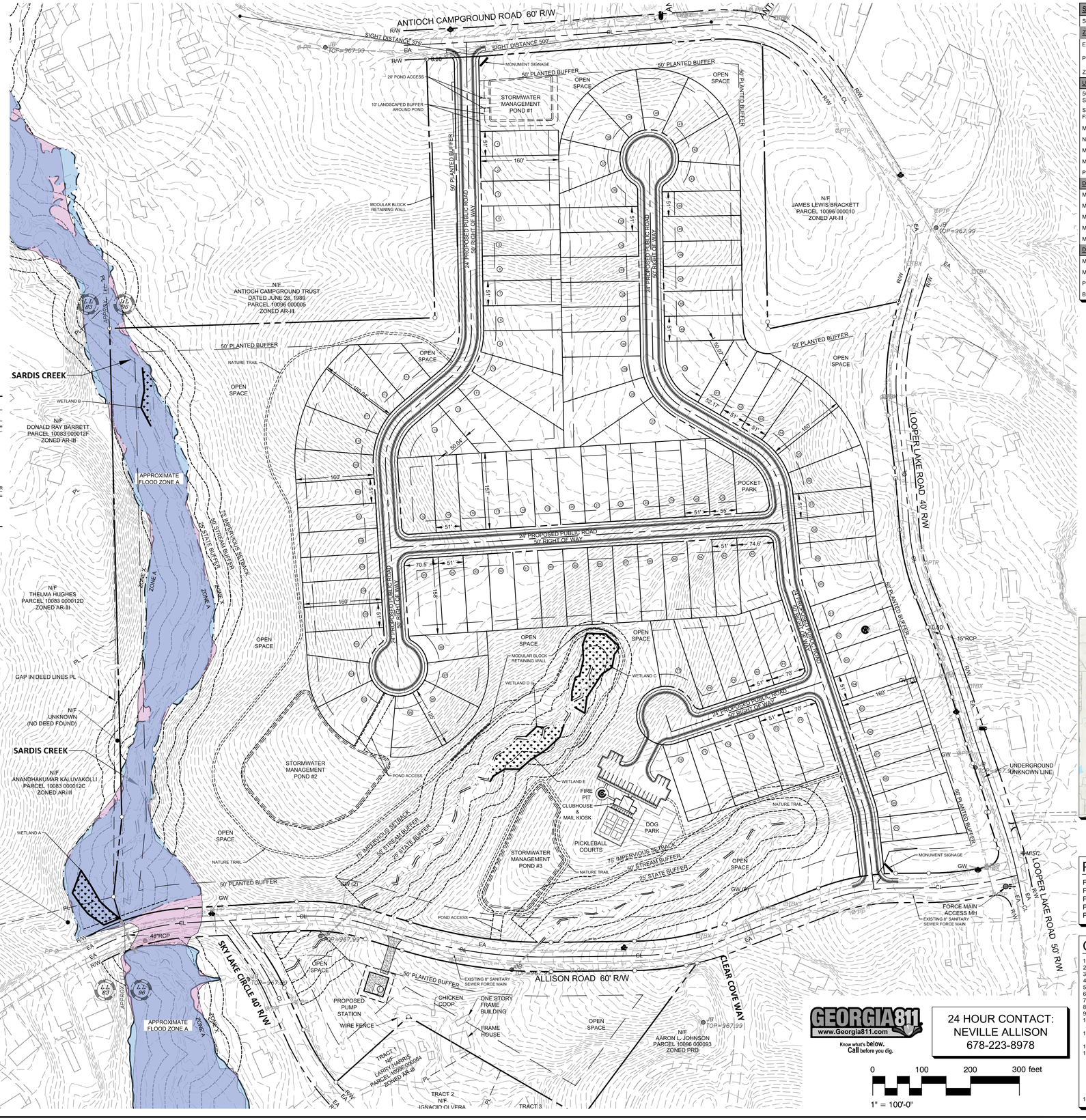
DATE
MARCH 29, 2024

TITLE
CONCEPTUAL SITE PLAN

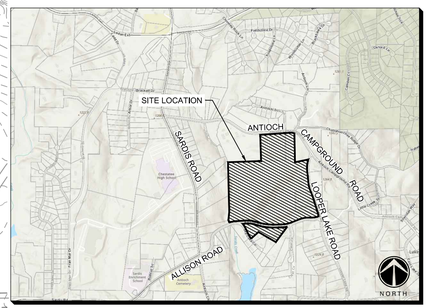
SHEET
Z-01



TYPICAL LOT LAYOUT



SITE DATA:	
SITE AREA	59.003 ACRES
ZONING	
EXISTING ZONING	AR-III
PROPOSED ZONING	PRD (PLANNED RESIDENTIAL DEVELOPMENT) SENIOR ORIENTED RESIDENTIAL USE
ZONING JURISDICTION	HALL COUNTY
USE	
50' WIDE LOTS - 38' WIDE FRONT-LOADED SINGLE-FAMILY	113 UNITS
SINGLE-FAMILY GARAGE DOORS (FLUSH WITH FRONT FACADE)	16 FEET WIDE OR 42% WIDTH OF UNIT
MAXIMUM HEIGHT	35 FEET
NUMBER OF STORIES	TWO-STORY
MINIMUM UNIT SIZE	2,100 SF
MAXIMUM DENSITY	2.00 UNITS
PROPOSED DENSITY	1.92 UNITS PER ACRE
DIMENSIONAL STANDARDS SINGLE-FAMILY	
MINIMUM LOT AREA	8,000 SF
MINIMUM LOT WIDTH	50 FEET
MINIMUM FRONT YARD SETBACK	25 FEET
MINIMUM SIDE YARD SETBACK	5 FEET
MINIMUM REAR YARD SETBACK	20 FEET
DIMENSIONAL STANDARDS (TOWNHOMES)	
MINIMUM PUBLIC ROAD FRONTAGE	75 FEET
MINIMUM OPEN SPACE	30% OR 17.701 ACRES
PROPOSED OPEN SPACE	47.8% OR 28.193 ACRES
BUFFER	50 FOOT PLANTED BUFFER ALONG PERIMETER



SITE LOCATION MAP
NOT TO SCALE

PROPERTY OWNERS:

PARCEL ID: 10096 000006 - CAROLE FREEMAN
PARCEL ID: 10096 000004 - WESLEY MARTIN
PARCEL ID: 10096 000059 - LAMAR COLLINS
PARCEL ID: 10096 000061 - LAMAR COLLINS
PARCEL ID: 10096 000062 - LAMAR COLLINS

GENERAL NOTES:

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6. SPEED LIMIT ON ANTIOCH CAMPGROUND ROAD IS 35 MPH.
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REVISION

REVISION	DATE

PROJECT NUMBER
23023

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER JAMES BARRY CHRISTIAN

PRELIMINARY
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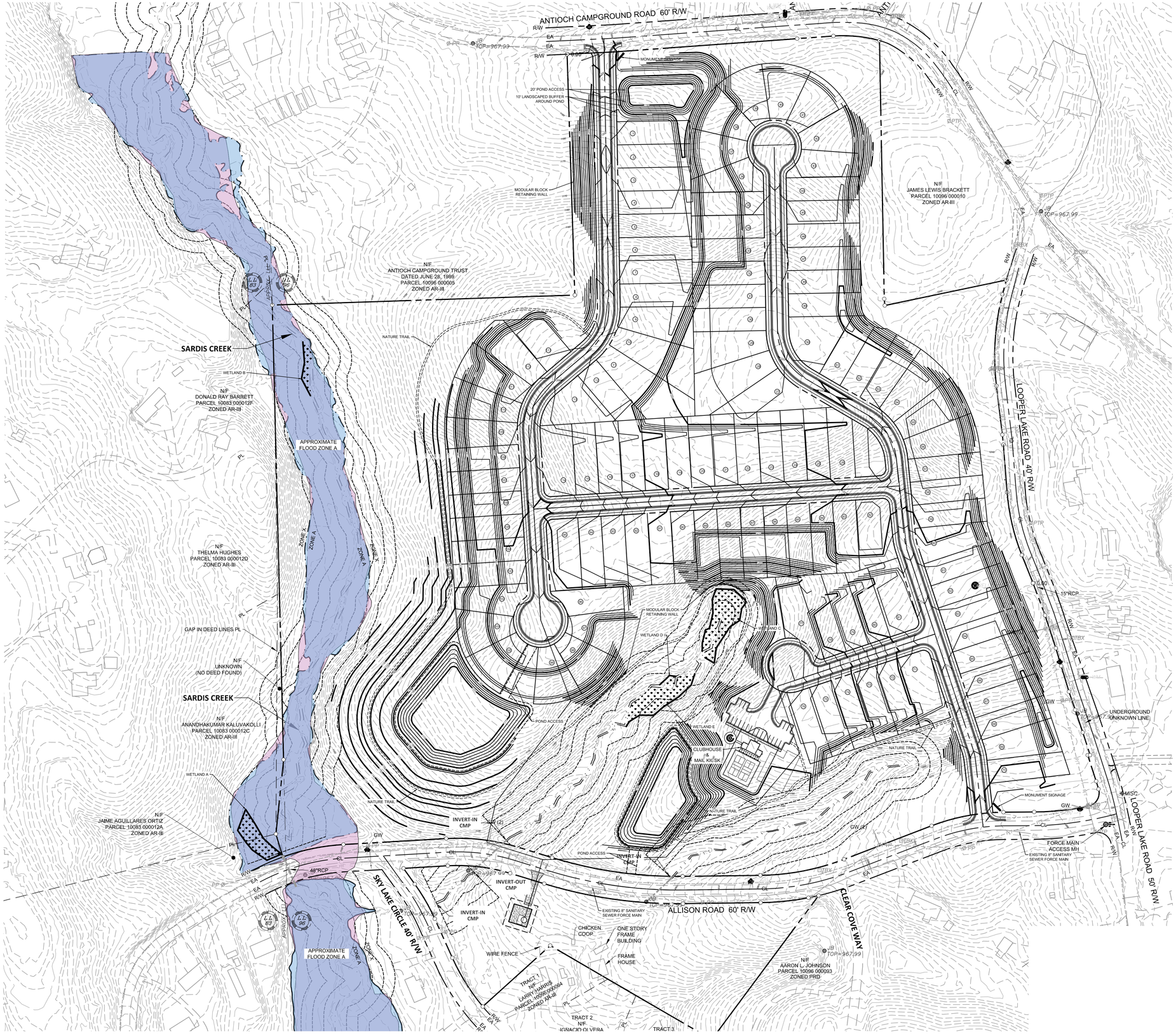
NORTH

NORTH

DATE
MARCH 26, 2024

TITLE
CONCEPTUAL SITE PLAN

SHEET
Z-01



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REVISION	DATE

PROJECT NUMBER

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NORTH

NORTH

DATE

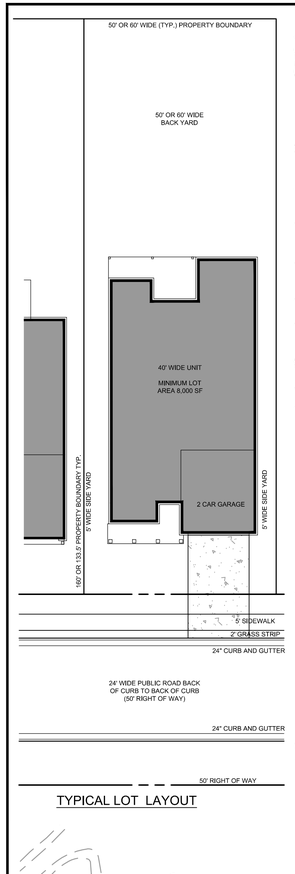
MARCH 26, 2024

TITLE

CONCEPTUAL GRADING PLAN

SHEET

Z-02



TYPICAL LOT LAYOUT

ANTIOCH CAMPGROUND ROAD 60' R/W

RIGHT IN/OUT ENTRANCE ONLY @ PI

MONUMENT SIGNAGE

SIGHT DISTANCE 375'

SIGHT DISTANCE 700'

SIGHT DISTANCE 500'

STORMWATER MANAGEMENT POND #1

50' PLANTED BUFFER

MODULAR BLOCK RETAINING WALL

24' PROPOSED PUBLIC ROAD 50' RIGHT OF WAY

N/F ANTIOCH CAMPGROUND TRUST DATED JUNE 28, 1989 PARCEL 10096 000005 ZONED AR-III

N/F JAMES LEWIS BRACKETT PARCEL 10096 000010 ZONED AR-III

SARDIS CREEK

WETLAND B

N/F DONALD RAY BARRETT PARCEL 10083 000012F ZONED AR-III

APPROXIMATE FLOOD ZONE A

75' IMPERVIOUS SETBACK

50' STREAM BUFFER

25' STATE BUFFER

ZONE X

ZONE A

N/F THELMA HUGHES PARCEL 10083 000012D ZONED AR-III

GAP IN DEED LINES PL

N/F UNKNOWN (NO DEED FOUND)

N/F ANANDHAKUMAR KALUVAKOLLI PARCEL 10083 000012C ZONED AR-III

WETLAND A

N/F JAIME AGUILLARES ORTIZ PARCEL 10083 000012A ZONED AR-III

OPEN SPACE

NATURE TRAIL

POND ACCESS

STORMWATER MANAGEMENT POND #2

STORMWATER MANAGEMENT POND #3

WETLAND C

WETLAND D

WETLAND E

FIRE PIT

CLUBHOUSE & MAIL KIOSK

DOG PARK

PICKLEBALL COURTS

POCKET PARK

PROPOSED PUMP STATION

WIRE FENCE

CHICKEN COOP

ONE STORY FRAME BUILDING

FRAME HOUSE

ALLISON ROAD 60' R/W

SKY LAKE CIRCLE 40' R/W

CLEAR COVE WAY

LOOPER LAKE ROAD 40' R/W

LOOPER LAKE ROAD 50' R/W

48"RCP

15"RCP

UNDERGROUND UNKNOWN LINE

FORCE MAIN ACCESS MH

EXISTING 8" SANITARY SEWER FORCE MAIN

TRACT 1 N/F LARRY HARRIS PARCEL 10096 000064 ZONED AR-III

TRACT 2 N/F IGNACIO OLVERA

TRACT 3

N/F AARON L. JOHNSON PARCEL 10096 000093 ZONED PRD

SITE DATA:	
SITE AREA	59.003 ACRES
ZONING	
EXISTING ZONING	AR-III
PROPOSED ZONING	PRD (PLANNED RESIDENTIAL DEVELOPMENT) SENIOR ORIENTED RESIDENTIAL USE
ZONING JURISDICTION	HALL COUNTY
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MINIMUM LOT AREA	8,000 SF
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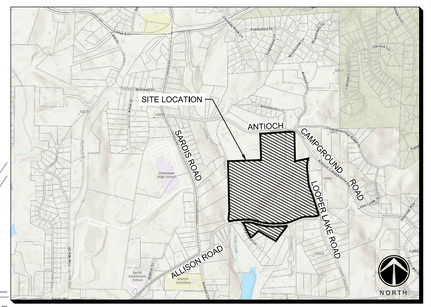

SITE LOCATION MAP
NOT TO SCALE

PROPERTY OWNERS:

PARCEL ID: 10096 000006 - CAROLE FREEMAN
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GENERAL NOTES:

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ENGINEER

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GAINESVILLE, GA 30506

HALL COUNTY
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REVISION

REVISION	DATE

PROJECT NUMBER

23023

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY
PRODUCTION
NOT TO BE RELEASED FOR CONSTRUCTION
CHARLES BARRY CHRISTIAN

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NORTH

NORTH

DATE

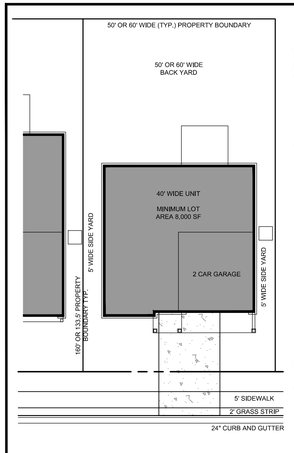
FEBRUARY 29, 2024

TITLE

CONCEPTUAL SITE PLAN

SHEET

Z-01



TYPICAL LOT LAYOUT

ANTIOCH CAMPGROUND ROAD 60' R/W

SIGHT DISTANCE 375'

SIGHT DISTANCE 734'

SIGHT DISTANCE 500'

RIGHT IN/OUT ENTRANCE ONLY @ PI

MONUMENT SIGNAGE

STORMWATER MANAGEMENT POND #1

50' PLANTED BUFFER

24' PROPOSED PUBLIC ROAD 50' RIGHT OF WAY

MODULAR BLOCK RETAINING WALL

N/F ANTIOCH CAMPGROUND TRUST DATED JUNE 28, 1989 PARCEL 10096 000005 ZONED AR-III

N/F JAMES LEWIS BRACKETT PARCEL 10096 000010 ZONED AR-III

OPEN SPACE

NATURE TRAIL

SARDIS CREEK

WETLAND B

N/F DONALD RAY BARRETT PARCEL 10083 000012F ZONED AR-III

APPROXIMATE FLOOD ZONE A

75' IMPERVIOUS SETBACK

50' STREAM BUFFER

25' STATE BUFFER

ZONE X

ZONE A

N/F THELMA HUGHES PARCEL 10083 000012D ZONED AR-III

GAP IN DEED LINES PL

N/F UNKNOWN (NO DEED FOUND)

N/F ANANDHAKUMAR KALUVAKOLLI PARCEL 10083 000012C ZONED AR-III

WETLAND A

N/F JAIME AGUILLARES ORTIZ PARCEL 10083 000012A ZONED AR-III

WETLAND C

WETLAND D

WETLAND E

STORMWATER MANAGEMENT POND #2

STORMWATER MANAGEMENT POND #3

POND ACCESS

CABANA AND POOL

MAIL KIOSK

POCKET PARK

ALLISON ROAD 60' R/W

SKY LAKE CIRCLE 40' R/W

CLEAR COVE WAY

LOOPER LAKE ROAD 40' R/W

LOOPER LAKE ROAD 50' R/W

PROPOSED PUMP STATION

WIRE FENCE

CHICKEN COOP

ONE STORY FRAME BUILDING

FRAME HOUSE

EXISTING 8" SANITARY SEWER FORCE MAIN

FORCE MAIN ACCESS MH

EXISTING 8" SANITARY SEWER FORCE MAIN

TRACT 1 N/F LARRY HARRIS PARCEL 10096 000064 ZONED AR-III

TRACT 2 N/F IGNACIO OLVERA

TRACT 3

N/F AARON L. JOHNSON PARCEL 10096 000093 ZONED PRD

UNDERGROUND UNKNOWN LINE

15"RCP

48"RCP

GW (3)

GW (2)

GW (1)

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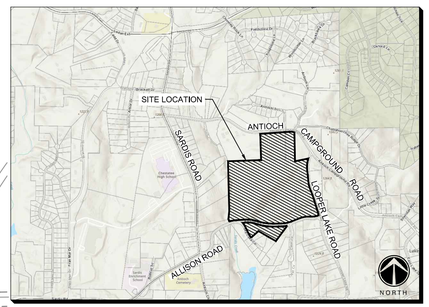

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NORTH

DATE

JAN 16, 2024

TITLE

CONCEPTUAL SITE PLAN

SHEET

Z-01

Applicant: THE REVIVE LAND GROUP, LLC

Tax Parcel #: 10096 000006, 000004, 000059, 000061, & 000062

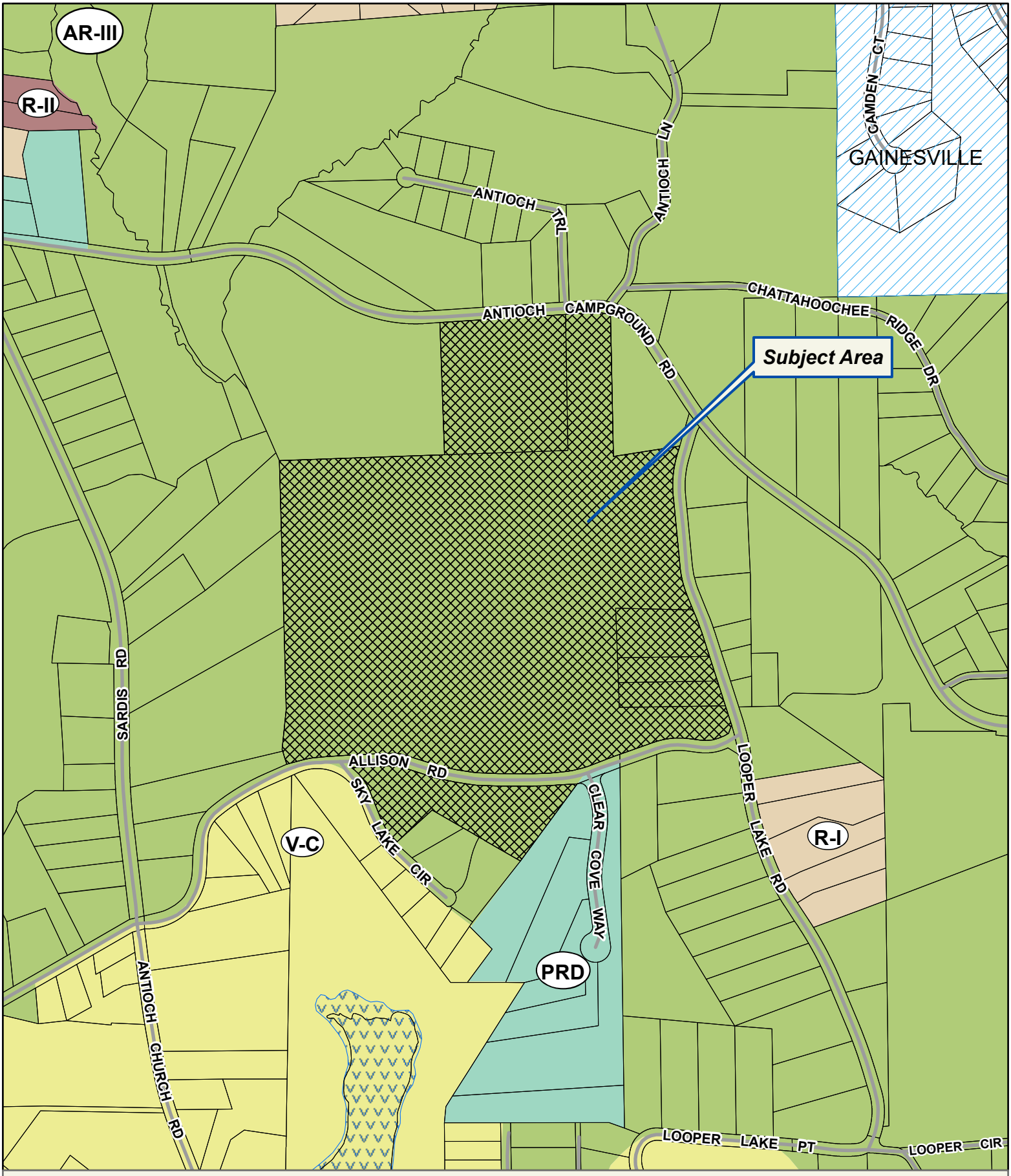
Location: 3302 & 3212 ANTIOCH CAMPGROUND ROAD,
3446, 3450 & 3456 LOOPER LAKE ROAD GAINESVILLE, GA 30506

Commission District 2 **PC Mtg. Date: 04/01/2024**

0 150 300 600
Feet

Zoning Boundary
City Limits
Subject Area

N



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Feet

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- City Limits
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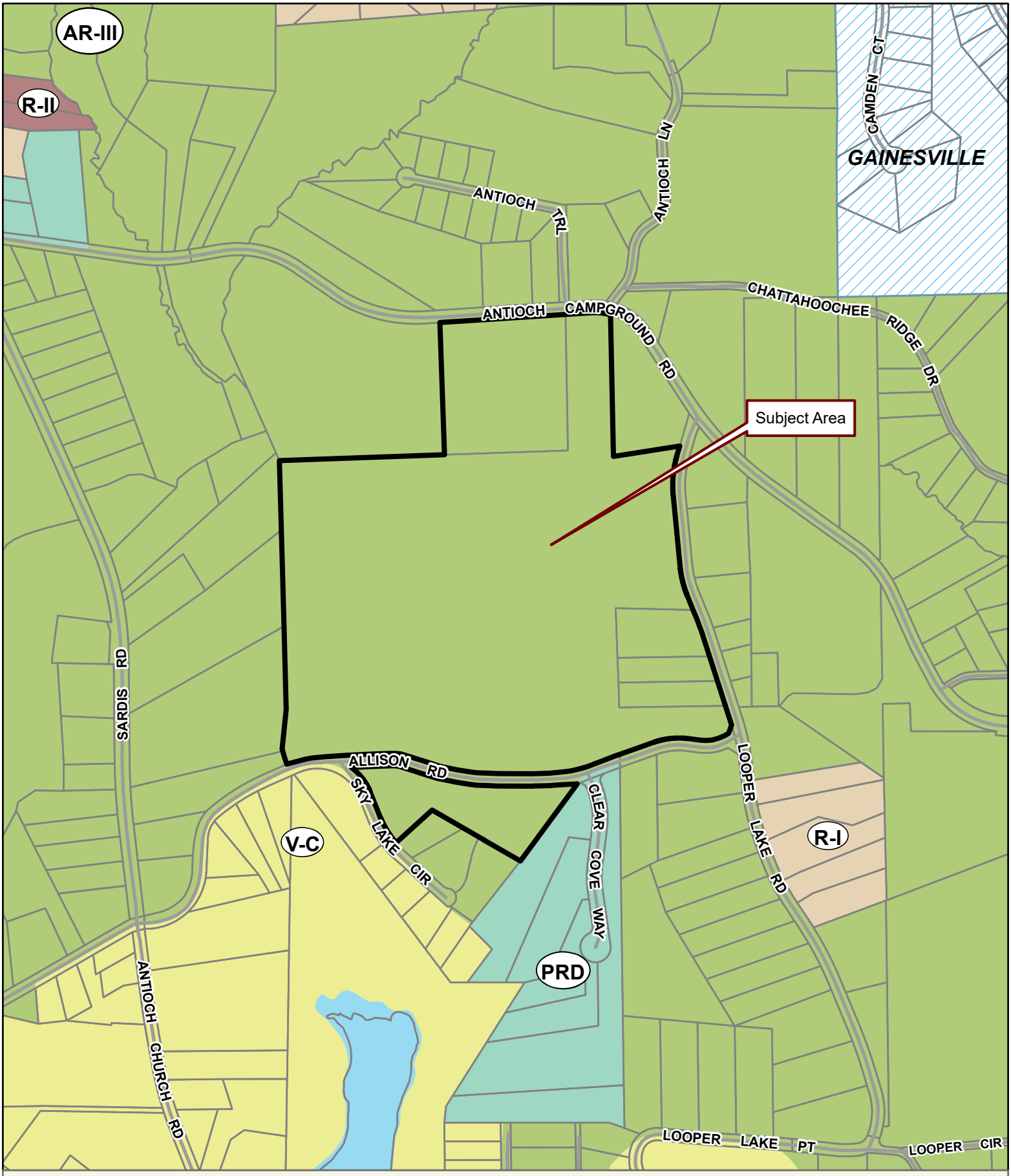
- Structure

N



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N

Item 2 | 04.01.2024

Item 2 | 04.01.2024

2

FILED & RECORDED 08/30/2021 1:21 PM
DEED BOOK 8917 PAGES 699 - 702
FILING FEES: $25.00
PT61: 069-2021-008488 TRANSFER TAX: $0.00
RECORDED BY: EAR
CLERK: Charles Baker, C.S.C Hall County, GA

Return to: Tanner Pittman, LLC
145 E. Magnolia Ave., Ste. 206
Auburn, AL 36830

EXECUTOR'S DEED

STATE OF GEORGIA,
COUNTY OF TROUP.

This indenture, made this 12th day of September, 2013, between

Carole M. Freeman, as Executrix of the Last Will and Testament of **AGNES A. MOORE**, deceased, late of Hall County, Georgia, Grantor, and

CAROLE M. FREEMAN, individually,

of Troup County, Georgia, Grantee (the terms "Grantor" and "Grantee" to include the masculine or feminine, singular or plural or the respective heirs, successors, successors-in title, executors, legal representatives and assigns of the parties where the context requires or permits)

WITNESSETH THAT:

WHEREAS, Agnes Allison Moore died a resident of Hall County, Georgia on the 27th day of September, 2007, leaving a Last Will and Testament, which has been probated in solemn form in said County at the regular term of Court of Probate thereof; and

WHEREAS, under the terms of Item IX of said Will, the Executor was granted the power to sell property of the Decedent by reference to former Georgia Code § 53-12-232, which provides in pertinent part that "[t]he following powers may be incorporated by reference, as provided by this article: . . . (2) To sell, exchange, give options upon, partition, or otherwise dispose of any property or interest therein which the fiduciary may hold from time to time, with or without order of court, at public or private sale or otherwise, upon such terms and conditions, including credit, and for such consideration as the fiduciary shall deem advisable, and to transfer and convey the property or interest therein which is at the disposal of the fiduciary, in fee simple absolute or otherwise, free of all trust; the party dealing with the fiduciary shall not be under a duty to follow the proceeds or other consideration received by the fiduciary from the sale or exchange . . ."; and

WHEREAS, there is no specific devise of the herein described real property in the said Will; and

TANNER PITTMAN, LLC
210 West Broome Street
LaGrange, Georgia 30240
706-884-3155 (ph.)
706-407-0545 (fax.)
www.tannerpittmanlaw.com

WHEREAS, the undersigned has duly qualified as Executrix of the Estate of the said William Ernest Moore and is now administering the estate under the terms of said Will pursuant to Letters Testamentary dated November 27, 2007; and

WHEREAS, the remaining assets of the Estate are sufficient to pay any and all outstanding debts;

NOW, THEREFORE, the undersigned, Executrix of the will of the deceased, by the power conferred by the said Will, and every other power, and for $10 paid at and before the sealing and delivery of this instrument, and for other valuable consideration, the receipt and sufficiency of which is acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey to the Grantee the real property described in Exhibit "A", attached hereto and by this reference made a part hereof,

To have and to hold the property, together with all and singular the rights, members and appurtenances thereof, to the same belonging or in any way appertaining, to the only proper use and benefit of grantee to same extent and manner as was held by the deceased.

In witness of the above, Grantor has signed, sealed and delivered this deed on the date written above.

WITNESS my hand and seal, this 12th day of September, 2013.

Carole M. Freeman (SEAL)
CAROLE M. FREEMAN, as Executrix
under the Last Will and Testament
of William Ernest Moore

Signed, sealed and delivered this 12th
day of September, 2013 in the presence of :

Unofficial Witness

Angela Brown Hall
Notary Public

My Commission expires: July 17, 2015

ANGELA BROWN HALL NOTARY PUBLIC Exp. July 17, 2015 TROUP COUNTY, GA

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EXHIBIT "A"

[Parcel 1: Antioch Campground Road property]

All that tract or parcel of land, with all improvements thereon, lying and being in Land Lots 83 and 96 of the 10th Land District, Hall County, Georgia, containing 48.99 acres, being more particularly shown and delineated according to a plat for Ernest Moore, dated March 22, 1990, revised May 8, 1990, prepared by Farley-Collins & Associates, Georgia Registered surveyors, which plat is incorporated herein by reference for a more complete description and all other legal purposes.

Said property fronts on the north on Antioch Campground Road, on the east on Looper Lake Road and on the south on Allison Road.

A copy of the above-referenced plat is recorded in Plat Book 145 page 114-115 of the Hall County, Georgia Plat Records.

[Parcel 2: N.E. Walker Street property]

All that tract or parcel of land, together with all improvements thereon, lying and being in the City of Gainesville, Hall County, Georgia, and being a part of Lot No. 3 of the survey of the property of Mrs. Violet M. Leverett, prepared by Farley-Collins & Associates, Registered Surveyor, dated March 9, 1964, recorded in Plat Book 31, Page 176, of the Hall County Records, and as more fully shown on a survey of the property of John T. Lackey, Jr., prepared by Farley-Collins & Associates, Registered Surveyor, dated July 20, 1965, recorded in Plat Book 34, Page 100, of the Hall County Records and being more fully described according to the said Farley-Collins Survey as follows:

Beginning at an iron pin corner on the northeasterly right of way of Walker Street, which beginning corner is located in a northwesterly direction 635.2 feet from the center line of Virginia Avenue as measured along the east side of Walker Street; and running thence from said beginning corner north 31 degrees 20 minutes west along the right of way of Walker Street 107 feet to an iron min corner; thence running north 58 degrees 35 minutes east 203.7 feet to an iron min corner; thence running south 31 degrees 20 minutes east 112.4 feet to an iron pin corner; thence running south 60 degrees 00 minutes west 203.7 feet to the point of beginning on the right of way of Walker Street and being the same property described and conveyed in a Warranty Deed from Allen B. Doveton to John T. Lackey, Jr., dated September 14, 1964, recorded in Deed Book 290, Page 357 of the Hall County Records.

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LESS AND EXCEPT that small strip off the rear of the property of John T. Lackey, Jr. conveyed by John T. Lackey, Jr. to Allen B. Doveton and as more fully shown on a survey of the property of John T. Lackey, Jr. prepared by Henry Grady Jarrard, Registered Surveyor, dated January, 1969, recorded in Plat Book 47, Page 253, of the Hall County Deed Records.

TANNER PITTMAN, LLC
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LaGrange, Georgia 30240
706-884-3155 (ph.)
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WARRANTY DEED

3335

State of Georgia, Hall County

THIS INDENTURE, Made the 8th day of February in the year of our Lord One Thousand, Nine Hundred and Eighty-Eight between J.B. SMITH

of the county of Lumpkin and State of Georgia of the First Part, and

WESLEY MARTIN and ANGELA MASSENGILL

of the county of Hall and State of Georgia of the Second Part

WITNESSETH: That the said Party of the First Part for and in consideration of the sum of TEN ($10.00) AND OTHER GOOD AND VALUABLE CONSIDERATION ---------- DOLLARS in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed, and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto Parties of the Second Part their heirs and assigns, all the following described property, to wit:

All that lot, tract or parcel of land lying, situate and being in Land Lot 96 of the 10th Land District of Hall County, Georgia and being 6.21 acres, as shown by a plat entitled, "Property of Billy J. Martin", prepared by Farley-Collins Associates, Georgia Registered Land Surveyors, dated June 9, 1980, recorded in Plat Book 83, page 87, Hall County, Georgia Plat Records, and said plat is by reference made a part hereof.

This being the same property conveyed by Quit Claim Deeds from Mary Roark Hulsey, Fred Roark and Billy J. Martin as Executor of the Last Will and Testament and Estate of Hubert J. Martin, deceased to Billy J. Martin dated May 23, 1980, recorded in Deed Book 716, pages 550-552, Hall County, Georgia Deed Records and being shown as Tract 5 and also by a Quit Claim Deed from J.D. Hulsey to Billy J. Martin dated May 23, 1980, recorded in Deed Book 716, pages 547-549, Hall County, Georgia Deed Records and being shown as Tract 5.

HALL COUNTY, Georgia
Real Estate Transfer Tax
Paid $ 60.00
Date Feby. 9, 1988
DWIGHT S. WOOD
Clerk of Superior Court
By Margaret B. Yarce

TO HAVE AND TO HOLD The said above granted and described property, with all and singular the rights, members and appurtenances thereunto appertaining to the only proper use, benefits, and behoof of said parties of the Second Part their heirs, executors, administrators and assigns in FEE SIMPLE; and the said party of the First Part his heirs, executors, administrators and assigns the said bargained property above described unto the said Parties of the Second Part their heirs, executors, administrators, and assigns against the said Party of the First Part his heirs, executors, administrators, and assigns and all and every other person or persons shall and will and hereby warrant and defend by virtue of these presents.

In Witness Whereof, the said Party of the First Part has hereunto set his hand and affixed his seal, and delivered these presents, the day and year first above written.

Signed, sealed and delivered in the presence of

Unofficial Witness

Notary Public County, Georgia

J.B. SMITH (Seal)
Allene Wood Allene Wood (Seal)
Attorney in Fact for J.B. Smith (Seal)
Harold Shelnutt (Seal)
Harold Shelnutt Attorney in Fact for J B Smith

Clerk's Office, Hall Superior Court.
Filed for record at 4:30 o'clock P. M.,
Feby. 9, 1988
Recorded in Deed Book 1184, Page 338,
February 10, 1988
Dwight S. Wood, Clerk

Pd. SGW.

WARRANTY DEED 196

GEORGIA, County of Hall

This INDENTURE, Made this 21 day of September in the Year of Our Lord One Thousand Nine Hundred and Eighty-Six between

L. G. Brackett

of the State of Georgia and County of Hall (hereinafter called "GRANTOR"), and

Lamar Collins

of the State of Georgia and County of Hall (hereinafter called "GRANTEE"),

WITNESSETH: That the said GRANTOR, for and in consideration of the sum of Ten and No/100 ($10.00) and other valuable consideration---------- DOLLARS, in hand paid at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto the said GRANTEE the following described property, to-wit:

All that tract or parcel of land lying and being in Land Lot 96 of the 10th District, Hall County, Georgia, and being more particularly described as follows:

BEGINNING at an iron pin located on the western right of way of Looper Lake Road, which iron pin is located 132.66 feet from the intersection of said right of way with the centerline of Allison Road; thence running north 89 degrees 13 minutes 51 seconds west 394.54 feet to an iron pin; thence running south 00 degrees, 09 minutes 36 seconds west 100.00 feet to an iron pin; thence running south 89 degrees 13 minutes 51 seconds east 425 feet, more or less, to an iron pin located on the westerly right of way of Looper Lake Road; thence running along said right of way in a northwesterly direction 100.00 feet, more or less, to the BEGINNING POINT. Said property being bounded on the north by property now or formerly owned by Grantee; on the east by Looper Lake Road; on the south by property formerly owned by Clyde Allison; and on the west by property now or formerly owned by Moore.

HALL COUNTY, Georgia
Real Estate Transfer Tax
Paid $ 5.00
Date Sept. 2, 1986
DWIGHT S. WOOD
Clerk of Superior Court
By Margaret Le Ynne

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said GRANTEE, forever, in FEE SIMPLE.

AND THE SAID GRANTOR will warrant and forever defend the right and title to the above described property, unto the said GRANTEE against the claims of all persons whomsoever.

WHEREVER there is a reference herein to the GRANTOR or the GRANTEE, the singular includes the plural and the masculine includes the feminine and the neuter, and said terms include and bind the heirs, executors, administrators, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the said GRANTOR has hereunto set his hand and seal, the day and year above written.

Signed, sealed and delivered in presence of:

Lynn Bonds
Unofficial Witness

L. G. Brackett (SEAL)
L. G. Brackett

Notary Public, State of Ga. County, GA
My Commission Expires: 7/21/87
Date signed by Notary: 9/2/86

(SEAL)

(SEAL)

NOTARY PUBLIC GEORGIA STATE AT LARGE

GEORGIA, HALL COUNTY, CLERK SUPERIOR COURT
FILED IN OFFICE, THIS 2 DAY OF Sept. 1986 AT 4:50 P.M. RECORDED IN BOOK NO. 1018 PAGE 196 THIS 3 DAY OF Sept., 1986
Dwight S. Wood
DWIGHT S. WOOD, Clerk
Pd. 5.M.H.

WARRANTY DEED

State of Georgia, HALL County

THIS INDENTURE, Made the 11th day of June in the year of our Lord One Thousand, Nine Hundred and Eighty-Five between

L. G. BRACKETT

of the county of Hall and State of Georgia of the First Part, and

THOMAS LAMAR COLLINS

of the county of Hall and State of Georgia of the Second Part

WITNESSETH: That the said Party of the First Part for and in consideration of the sum of ---TEN ($10.00) AND OTHER VALUABLE CONSIDERATION---------- DOLLARS in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed, and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto Party of the Second Part his heirs and assigns, all the following described property, to wit:

All that lot, tract or parcel of land lying, situate and being in Land Lot 96 of the 10th Land District of Hall County, Georgia, and more particularly described as follows:

BEGINNING AT A POINT on the Western right of way of Looper Lake Road which point is located 332.66 feet from the intersection of the Western right of way of Looper Lake Road as extended with the centerline of Allison Road and running thence in a Northwesterly direction 400 feet, more or less, to a point on the line common to the property herein conveyed and property of Ernest Moore; thence North 00° 09' 36" East 100 feet to an iron pin; thence South 88° 33' 07" East 366.46 feet to an iron pin on the Western right of way of Looper Lake Road; thence along the Western right of way of Looper Lake Road a Southeasterly direction 100 feet to the point of beginning.

Said property is bounded on the North by property of Ray Wood, on the East by Looper Lake Road, on the South by other property of L. G. Brackett, and on the West by property of Ernest Moore.

HALL COUNTY, Georgia
Real Estate Transfer Tax
Paid $ 5.00
Date June 11, 1985
DWIGHT S. WOOD
Clerk of Superior Court
By J. Jansen

TO HAVE AND TO HOLD The said above granted and described property, with all and singular the rights, members and appurtenances thereunto appertaining to the only proper use, benefits, and behoof of said party of the Second Part his heirs, executors, administrators and assigns in FEE SIMPLE; and the said party of the First Part his heirs, executors, administrators and assigns the said bargained property above described unto the said Party of the Second Part his heirs, executors, administrators, and assigns against the said Party of the First Part his heirs, executors, administrators, and assigns and all and every other person or persons shall and will and hereby warrant and defend by virtue of these presents.

In Witness Whereof, the said Party of the First Part has hereunto set his hand and affixed his seal, and delivered these presents, the day and year first above written.

Signed, sealed and delivered in the presence of

J. Randall Frost
Unofficial Witness

Deborah Lilly
Notary Public County, Georgia
My Commission Expires 1-4-86

L. G. Brackett (Seal)
L. G. BRACKETT

(Seal)

(Seal)

(Seal)

Clerk's Office, Hall Superior Court.
Filed for record at 10:20 o'clock A. M.,
June 11, 1985
Recorded in Deed Book 888, Page 41,
June 12, 1985
Dwight S. Wood, Clerk

Pd. + Mail
L.G. Brackett
1 Dunlap St.
Gainesville, Ga 30501

EXHIBIT "A"

All that lot, tract or parcel of land lying situate and being in Land Lot 96 of the 10th Land District of Hall County, Georgia, and being the property as shown on a plat entitled, "Property of Ray Wood", dated May 17, 1984, prepared by Henry Grady Jarrard, Georgia Registered Land Surveyor, and more particularly described as follows:

BEGINNING at an iron pin corner on the Western right-of-way of Looper Lake Road which iron pin is located 232.66 feet from the intersection of the Western right-of-way of Looper Lake Road as extended with the center line of Allison Road and running thence North 88° 33' 07" West 366.46 feet to an iron pin; thence North 00° 09' 36" East 200 feet to an iron pin; thence South 86° 22' 07 East 304.27 feet to an iron pin on the Western right-of-way of Looper Lake Road; thence along the Western right-of-way of Looper Lake Road South 20° 01'37" East 100 feet to a point; thence South 16° 11' 15" East 100 feet to the beginning iron pin corner.

CANCELLED ON THE RECORD
This 4 day of Aug 19 87
Dwight S Wood
Clerk

Filed Troup Co. Probate Court
FEB 17 '21 PM3:50

IN THE PROBATE COURT OF TROUP **COUNTY**
STATE OF GEORGIA

IN RE: ESTATE OF)
)
CAROLE MOORE FREEMAN ,) **ESTATE NO.** 2021-16
DECEASED)

LETTERS TESTAMENTARY
[Relieved of filing returns]

At a regular term of probate court, the last will and testament dated April 23, 2012 ~~(and codicil(s) dated _____)~~ of the above-named decedent, who was domiciled in this county at the time of his or her death or was domiciled in another state but owned property in this county at the time of his or her death, was legally proven in solemn form to be the Decedent's Will and was admitted to record by order, and it was further ordered that Allison Lee Hartley Arrington, named as executor(s) in said Will, be allowed to qualify, and that upon so doing, letters testamentary be issued to such executor(s).

THEREFORE, the executor(s), having taken the oath of office and complied with all necessary prerequisites of the law, is/are legally authorized to discharge all the duties and exercise all powers of executor(s) under the Will of said decedent, according to the Decedent's Will and the law.

Given under my hand and official seal, the ~~17th~~ day of February, 2021.

Debbie Wade
Judge of the Probate Court

Note: The following must be signed if the judge does not sign the original of this document:

Issued by:

Clerk of the Probate Court

CERTIFIED COPY
STATE OF GEORGIA
COUNTY OF TROUP
As Clerk of the Probate Court of Troup County, Georgia, I do hereby certify that I have compared the foregoing copy with the original thereof, now remaining in this office. This document consisting of 1 pages is hereby certified to be a true copy of the original document on file in the Probate Court at Troup County, GA and that the same remain in full force and effect.
In witness whereof, I have hereunto set my official signature and the SEAL of this Court, this 19th day of February, 2021.
Clerk, Probate Court Amanda Veal (SEAL)
Troup County, Georgia

GPCSF 5

TRACTS 1, 2, 3, 4 & 5 LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 83 & 96, 10TH DISTRICT, HALL COUNTY, GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT AN IRON PIN SET (1/2" REBAR WITH YELLOW PLASTIC CAP STAMPED "ROCHESTR LSF000484") AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY OF LOOPER LAKE ROAD (50' RIGHT-OF-WAY) WITH THE NORTH RIGHT-OF-WAY OF ALLISON ROAD (60' RIGHT-OF-WAY), LYING NORTH 74°58'38" WEST, A DISTANCE OF 64.33 FEET FROM THE CENTERLINE INTERSECTION OF LOOPER LAKE ROAD WITH ALLISON ROAD; THENCE ALONG THE NORTH RIGHT-OF-WAY OF ALLISON ROAD THE FOLLOWING COURSES AND DISTANCES: 119.67 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 83°58'28" WEST, 119.48 FEET AND A RADIUS OF 613.38 FEET TO A POINT; THENCE SOUTH 89°33'50" WEST, 67.68 FEET TO A POINT; THENCE 161.71 FEET ALONG A CURVE TO THE LEFT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 79°18'12" WEST, 160.84 FEET AND A RADIUS OF 451.49 FEET TO A POINT; THENCE SOUTH 69°02'34" WEST, 205.94 FEET TO A POINT; THENCE 188.62 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 79°08'58" WEST, 187.65 FEET AND A RADIUS OF 534.67 FEET TO A POINT; THENCE SOUTH 89°15'22" WEST, 170.84 FEET TO A POINT; THENCE 291.12 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 81°50'26" WEST, 289.95 FEET AND A RADIUS OF 936.71 FEET TO A POINT; THENCE NORTH 72°56'14" WEST, 78.19 FEET TO A POINT; THENCE 160.32 FEET ALONG A CURVE TO THE LEFT, SAID CURVE HAVING A CHORD OF NORTH 83°08'19" WEST, 159.48 FEET AND A RADIUS OF 450.22 FEET TO A POINT; THENCE SOUTH 86°39'35" WEST, 226.40 FEET TO A POINT; THENCE 136.51 FEET ALONG A CURVE TO THE LEFT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 78°28'45" WEST, 136.04 FEET AND A RADIUS OF 478.04 FEET TO AN IRON PIN SET (1/2" REBAR WITH YELLOW PLASTIC CAP STAMPED "ROCHESTER LSF000484"); THENCE LEAVING THE NORTH RIGHT-OF-WAY OF ALLISON ROAD AND ALONG THE PROPERTY NOW OR FORMERLY OF JAMIE AGUILLARES ORTIZ, NORTH 16°55'08" WEST, 52.64 FEET TO AN IRON PIN FOUND (1/2" OPEN TOP PIPE); THENCE ALONG THE PROPERTY OF UNKNOWN OWNER, NORTH 05°56'52" EAST, 162.32 FEET TO AN IRON PIN FOUND (1/2" CRIMPED TOP PIPE); THENCE ALONG THE APPARENT WEST LINE OF LAND LOT 96 AND THE PROPERTY NOW OR FORMERLY OF UNKNOWN OWNER, NORTH 01°24'46" WEST, 1002.21 FEET TO AN IRON PIN FOUND (3/4" OPEN TOP PIPE); THENCE LEAVING THE APPARENT WEST LINE OF LAND LOT 96 AND ALONG THE PROPERTY NOW OR FORMERLY OF ANTIOCH CAMPGROUND TRUST, NORTH 88°07'12" EAST, 665.72 FEET TO AN IRON PIN FOUND (3/4" OPEN TOP PIPE); THENCE ALONG THE PROPERTY NOW OR FORMERLY OF ANTIOCH CAMPGRAOUND TRUST NORTH 01°50'24" WEST, 530.05 FEET TO AN IRON PIN FOUND (1/2" REBAR) ON THE SOUTH RIGHT OF WAY OF ANTIOCH CAMPGROUND ROAD; THENCE ALONG THE SOUTH RIGHT OF WAY OF ANTIOCH CAMPGROUND ROAD THE FOLLOWING COURSES AND DISTANCES NORTH 87°14'08" EAST, 103.85 FEET TO A POINT; THENCE NORTH 85°51'30" EAST, 403.35 FEET TO AN IRON PIN FOUND (3/8" REBAR); THENCE NORTH 85°51'30" EAST, 80.01 FEET TO A POINT; THENCE 102.33 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 84°23'53" EAST 101.84 FEET AND A RADIUS OF 300.88 FEET TO AN IRON PIN FOUND (1/2" REBAR); THENCE LEAVING THE SOUTH RIGHT-OF-WAY OF ANTIOCH CAMPGROUND ROAD AND ALONG THE

PROPERTY NOW OR FORMERLY OF JAMES LEWIS BRACKETT THE FOLLOWING COURSES AND DISTANCES: SOUTH 01°02'55" EAST, 568.20 FEET TO AN IRON PIN FOUND (1/2" CRIMPED TOP PIPE); THENCE SOUTH 04°39'58" EAST, 14.63 FEET TO AN IRON PIN FOUND 1/2" OPEN TOP PIPE); THENCE NORTH 78°10'03" EAST, 272.86 FEET TO AN IRON PIN FOUND (1/2" REBAR) ON THE WEST RIGHT-OF-WAY OF LOOPER LAKE ROAD (40' RIGHT-OF-WAY); THENCE ALONG THE WEST RIGHT-OF-WAY OF LOOPER LAKE ROAD THE FOLLOWING COURSES AND DISTANCES: SOUTH 14°28'41" WEST, 32.61 FEET TO A POINT; THENCE 202.57 FEET ALONG A CURVE TO THE LEFT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 03°47'30" WEST 201.40 FEET AND A RADIUS OF 543.05 FEET TO A POINT; THENCE SOUTH 06°53'41" EAST, 108.52 FEET TO A POINT; THENCE 21.71 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 05°42'25" EAST, 21.71 FEET AND A RADIUS OF 523.70 FEET TO A POINT; THENCE SOUTH 04°31'09" EAST, 105.26 FEET TO A POINT; THENCE 142.18 FEET ALONG A CURVE TO THE LEFT, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 13°09'55" EAST, 141.64 FEET AND A RADIUS OF 471.08 FEET TO A POINT; THENCE SOUTH 21°48'41" EAST, 62.19 FEET TO A POINT; THENCE 156.00 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD OF SOUTH 19°20'59" EAST 155.95 FEET AND A RADIUS OF 1815.36 FEET TO A POINT; THENCE SOUTH 16°53'16" EAST, 40.95 FEET TO A POINT; THENCE SOUTH 16°53'16" EAST, 58.97 FEET TO A POINT; THENCE SOUTH 18°42'45" EAST, 42.32 FEET TO A POINT; THENCE SOUTH 18°42'45" EAST, 52.32 FEET TO A POINT; THENCE SOUTH 17°54'18" EAST, 52.45 FEET TO A POINT; THENCE SOUTH 89°03'34" WEST, 5.23 FEET TO A POINT; THENCE SOUTH 17°54'18" EAST, 60.30 FEET TO A POINT; THENCE 17.94 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD OF SOUTH 17°11'35" EAST 17.94 FEET AND A RADIUS OF 721.63 FEET TO A POINT; THENCE 49.67 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A CHORD OF SOUTH 30°57'07" WEST 44.19 FEET AND A RADIUS OF 30.00 FEET TO THE POINT OF BEGINNING.

SAID TRACTS CONTAINS 55.159 ACRES.

ALONG WITH:

TRACT 6 LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 96, 10th DISTRICT, HALL COUNTY, GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT AT THE INTERSECTION OF THE EAST RIGHT-OF-WAY OF SKY LAKE CIRCLE (40' RIGHT-OF-WAY) WITH THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD (60' RIGHT-OF-WAY), LYING SOUTH 58°13'05" EAST, A DISTANCE OF 52.14 FEET FROM THE CENTERLINE INTERSECTION OF SKY LAKE CIRCLE WITH ALLISON ROAD; THENCE ALONG THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD THE FOLLOWING COURSES AND DISTANCES: NORTH 86°39'35" EAST, A DISTANCE OF 97.60 FEET TO A POINT; THENCE 138.96 FEET ALONG THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 390.22 FEET AND A CHORD BEARING AND DISTANCE OF SOUTH 83°08'19" EAST, 138.22 FEET TO A POINT; THENCE SOUTH 72°56'14" EAST, A DISTANCE OF 78.19 FEET TO A POINT; THENCE 309.77 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 996.71 AND A CHORD BEARING AND DISTANCE OF SOUTH 81°50'26" EAST, 308.52 FEET TO A

POINT; THENCE NORTH 89°15’22” EAST, A DISTANCE OF 121.87 FEET TO A POINT; THENCE LEAVING THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD AND ALONG THE PROPERTY NOW OR FORMERLY OF ERNEST W. MOORE THE FOLLOWING COURSES AND DISTANCES: SOUTH 68°28’18” WEST, A DISTANCE OF 87.07 FEET TO A POINT; THENCE SOUTH 60°03’26” WEST, A DISTANCE OF 77.42 FEET TO A POINT; THENCE SOUTH 42°19’31” WEST, A DISTANCE OF 78.98 FEET TO A POINT; THENCE SOUTH 32°47’37” WEST, A DISTANCE OF 76.80 FEET TO AN IRON PIN FOUND (3/4” OPEN TOP PIPE); THENCE ALONG THE PROPERTY NOW OR FORMERLY OF IGNACIO OLVERA AND THE PROPERTY NOW OR FORMERLY OF LARRY HARRIS, NORTH 59°43’56” WEST, A DISTANCE OF 197.97 FEET TO A POINT; THENCE SOUTH 47°54’17” WEST, A DISTANCE OF 200.08 FEET TO AN IRON PIN SET (1/2” REBAR WITH YELLOW PLASTIC CAP STAMPED “ROCHESTER LSF000484”) ON THE EAST RIGHT-OF-WAY OF SKY LAKE CIRCLE; THENCE ALONG THE EAST RIGHT-OF-WAY OF SKY LAKE CIRCLE THE FOLLOWING COURSES AND DISTANCES: 126.71 FEET ALONG THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 467.08 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 32°00’16” WEST, 126.33 FEET TO A POINT; THENCE NORTH 24°13’57” WEST, A DISTANCE OF 94.18 FEET TO A POINT; THENCE 88.07 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 441.40 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 29°56’53” WEST, 87.92 FEET TO A POINT; THENCE NORTH 35°39’50” WEST, A DISTANCE OF 42.68 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINS 2.398 ACRES.

ALONG WITH:

TRACT 7 LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 96, 10th DISTRICT, HALL COUNTY, GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT AN IRON PIN SET (1/2” REBAR WITH YELLOW PLASTIC CAP STAMPED “ROCHESTER LSF000484”) ON THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD (60’ RIGHT-OF-WAY) HAVING A GEORGIA WEST STATE PLANE COORDINATE OF NORTH=1580851.13, EAST=2381556.72 FEET; THENCE ALONG THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD, 22.84 FEET ALONG THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 594.67 FEET AND A CHORD BEARING AND DISTANCE OF SOUTH 77°58’10” WEST, 22.84 FEET TO THE TRUE POINT OF BEGINNING; THENCE LEAVING THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD AND ALONG THE PROPERTY NOW OR FORMERLY OF CAROLE M. FREEMAN THE FOLLOWING COURSES AND DISTANCES: SOUTH 65°43’39” WEST, A DISTANCE OF 52.91 FEET TO A POINT; THENCE SOUTH 73°27’14” WEST, A DISTANCE OF 97.48 FEET TO A POINT; THENCE SOUTH 68°28’18” WEST, A DISTANCE OF 81.60 FEET TO A POINT; THENCE SOUTH 60°03’26” WEST, A DISTANCE OF 68.24 FEET TO A POINT; THENCE SOUTH 42°19’31” WEST, A DISTANCE OF 69.41 FEET TO A POINT; THENCE SOUTH 32°47’37” WEST, A DISTANCE OF 71.70 FEET TO A POINT; THENCE ALONG THE PROPERTY NOW OR FORMERLY OF ERIC BIZZELL, JR. AND THE PROPERTY NOW OR FORMERLY OF IGNACIO OLVERA, NORTH 59°43’59” WEST, A DISTANCE OF 40.04 FEET TO AN IRON PIN FOUND (3/4” OPEN TOP PIPE); THENCE ALONG THE PROPERTY NOW OR FORMERLY OF CAROLE M. FREEMAN THE FOLLOWING

COURSES AND DISTANCES: NORTH 32°47’37” EAST, A DISTANCE OF 76.80 FEET TO A POINT; THENCE NORTH 42°19’31” EAST, A DISTANCE OF 78.98 FEET TO A POINT; THENCE NORTH 60°03’26” EAST, A DISTANCE OF 77.42 FEET TO A POINT; THENCE NORTH 68°28’18” EAST, A DISTANCE OF 87.07 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD; THENCE ALONG THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD, NORTH 89°15’22” EAST, A DISTANCE OF 48.97 FEET TO A POINT; THENCE 105.72 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 594.67 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 84°09’46” EAST, 105.59 FEET TO THE TRUE POINT OF BEGINNING.

SAID TRACT CONTAINS 0.349 ACRES OR 15,183 SQUARE FEET.

ALONG WITH:

TRACT 8 LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 96, 10th DISTRICT, HALL COUNTY, GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT AN IRON PIN SET (1/2” REBAR WITH YELLOW PLASTIC CAP STAMPED “ROCHESTER LSF000484”) ON THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD (60’ RIGHT-OF-WAY) HAVING A GEORGIA WEST STATE PLANE COORDINATE OF NORTH=1580851.13, EAST=2381556.72 FEET; THENCE LEAVING THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD AND ALONG THE PROPERTY NOW OR FORMERLY OF AARON L. JOHNSON, SOUTH 36°35’06” WEST, A DISTANCE OF 394.35 FEET TO AN IRON PIN FOUND (1/4” REBAR); THENCE ALONG THE PROPERTY NOW OR FORMERLY OF ERIC BIZZELL, JR., NORTH 59°52’36” WEST, A DISTANCE OF 172.93 FEET TO A POINT; THENCE ALONG THE PROPERTY NOW OR FORMERLY OF ERNEST W. MOORE THE FOLLOWING COURSES AND DISTANCES: NORTH 32°47’37” EAST, A DISTANCE OF 71.70 FEET TO A POINT; THENCE NORTH 42°19’31” EAST, A DISTANCE OF 69.41 FEET TO A POINT; THENCE NORTH 60°03’26” EAST, A DISTANCE OF 68.24 FEET TO A POINT; THENCE NORTH 68°28’18” EAST, A DISTANCE OF 81.60 FEET TO A POINT; THENCE NORTH 73°27’14” EAST, A DISTANCE OF 97.48 FEET TO A POINT; THENCE NORTH 65°43’39” EAST, A DISTANCE OF 52.91 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD; THENCE ALONG THE SOUTH RIGHT-OF-WAY OF ALLISON ROAD, 22.84 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 594.67 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 77°58’10” EAST, 22.84 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINS 1.097 ACRES

Total of Tracts 1 – 8 containing 59.003 acres.

TRAFFIC IMPACT STUDY FOR

SOMERSET AT SARDIS CREEK RESIDENTIAL DEVELOPMENT

DATE:
May 7, 2024

LOCATION:
Hall County, Georgia

PREPARED FOR:
The Revive Land Group, LLC

PREPARED BY:
NV5 Engineers and Consultants, Inc.
10745 Westside Way, Suite 300
Alpharetta, GA 30009
678.795.3600

NV5

nv5.com

Executive Summary

A new residential development is proposed for construction along Antioch Campground Road and Allison Road in Hall County, Georgia. The proposed development will consist of 114 senior adult (55+) homes and will utilize one (1) full-access driveway onto Antioch Campground Road and one (1) full-access driveway onto Allison Road. The development has a projected build out date of 2027.

When complete, the development is expected to generate a total of 662 new daily trips, 43 trips during the AM peak hour (14 entering and 29 exiting), and 49 during the PM peak hour (30 entering and 19 exiting).

Traffic operations at the intersection of Antioch Campground Road and Sardis Road are satisfactory in Existing conditions, but the intersection of Sardis Road / Antioch Church Road and Sardis Road / Allison Road currently operates with high delay during the peak hours due to a high volume of southbound vehicles during the morning peak period and eastbound vehicles during the PM peak period. Traffic volumes are expected to worsen slightly in the No-Build scenario due to the anticipated background growth in the study area, but the intersections will continue to operate similarly to the existing conditions. It is noted that there is an ongoing project to construct Sardis Road to bypass this intersection, which is likely to significantly reduce the number of vehicles at the intersection of Sardis Road and Allison Road / Antioch Church Road.

The addition of project traffic is expected to have a minimal impact on traffic operations at the study intersections with the site traffic expecting to add four (4) vehicles to the southbound approach at the intersection of Sardis Road / Antioch Church Road and Sardis Road / Allison Road during the morning peak period and twelve (12) to the eastbound approach during the evening peak period. Since the Sardis Road Connector project is expected to greatly reduce volume from the Sardis Road corridor, no improvements are recommended at the two existing intersections.

The proposed driveways are also expected to operate at a satisfactory LOS and have little impact on traffic operations along Antioch Campground Road and Allison Road.

Turn lanes are not warranted at either driveway due to the low traffic volumes along Antioch Campground Road and Allison Road. Both driveways also meet Hall County's sight distance requirements.

Based on the analysis prepared for the proposed development, improvements at the existing study intersections are not required to mitigate the impact of the proposed development.

TABLE OF CONTENTS

Executive Summary i
A. Introduction 1
B. Existing Conditions 4
B.1. Transportation Facilities 4
B.2. Traffic Counts 4
C. Future Conditions 6
C.1. Background Growth 6
C.2. Project Trip Generation 6
C.3. Trip Distribution and Assignment 6
D. Traffic Impact Analyses 11
D.1. 2024 Existing Conditions Analysis 11
D.2. 2027 No-Build Conditions Capacity Analysis 12
D.3. 2027 Build Conditions Capacity Analysis 13
E. Driveway Evaluations 14
E.1. NCHRP Turn Lane Evaluations 14
E.2. Sight Distance Evaluation 15
F. Conclusions 16

LIST OF TABLES

Table 1: Trip Generation 6
Table 2: 2024 Existing Conditions Capacity Analysis 11
Table 3: 2027 No-Build Capacity Analysis 12
Table 4: 2027 Build Capacity Analysis 13
Table 5: Sight Distance 15

LIST OF FIGURES

Figure 1: Vicinity Map 2
Figure 2: Site Location Aerial 3
Figure 3: 2024 Existing Traffic Volumes 5
Figure 4: 2027 No-Build Traffic Volumes 7
Figure 5: Project Trip Distribution 8
Figure 6: Project Development Trips 9
Figure 7: 2027 Build Traffic Volumes 10
Figure 8: NCHRP Turn Lane Evaluations 14

LIST OF APPENDICES

Appendix A: Development Concept Plan
Appendix B: Traffic Counts & Growth Rate Development Worksheet
Appendix C: Synchro Reports
Appendix D: Turn Lane Evaluations

A. Introduction

A new residential development is proposed for construction along Antioch Campground Road in Hall County, Georgia. The proposed development will consist of 114 senior adult (55+) homes. The development will utilize one (1) full-access driveway and one (1) full-access driveway onto Allison Road.

The traffic analyses in this report assume a single phase of construction. The purpose of this report is to identify the traffic expected to be generated by new vehicular trips when the development is complete. This study includes analysis of 2024 Existing and 2027 Future conditions, including No-Build and Build scenarios, at the following intersections:

1. Antioch Campground Road at Sardis Road
2. Sardis Road / Antioch Church Road and Sardis Road / Allison Road
3. Antioch Campground Road at Site Driveway 1
4. Allison Road at Site Driveway 2

The report summarizes the analysis of existing, background and projected traffic at the study locations, analysis of traffic impacts including delays and Levels of Service (LOS), and conclusions and recommendations from the analysis.

Figure 1 depicts the study area (vicinity map) in Hall County, Georgia. The study intersections listed above are depicted in Figure 2. A copy of the development concept plan is included in Appendix A.

Figure 1: Vicinity Map

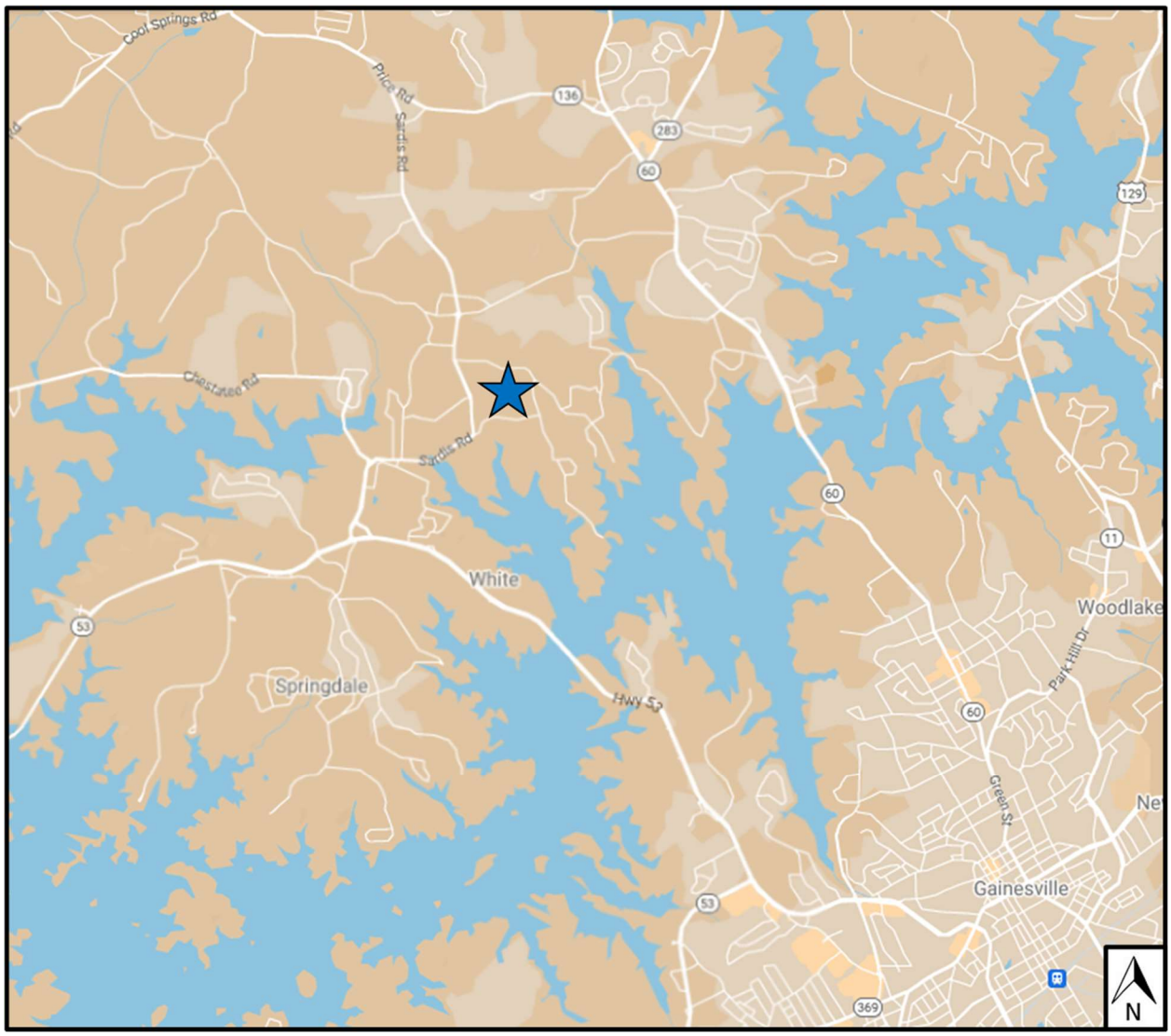
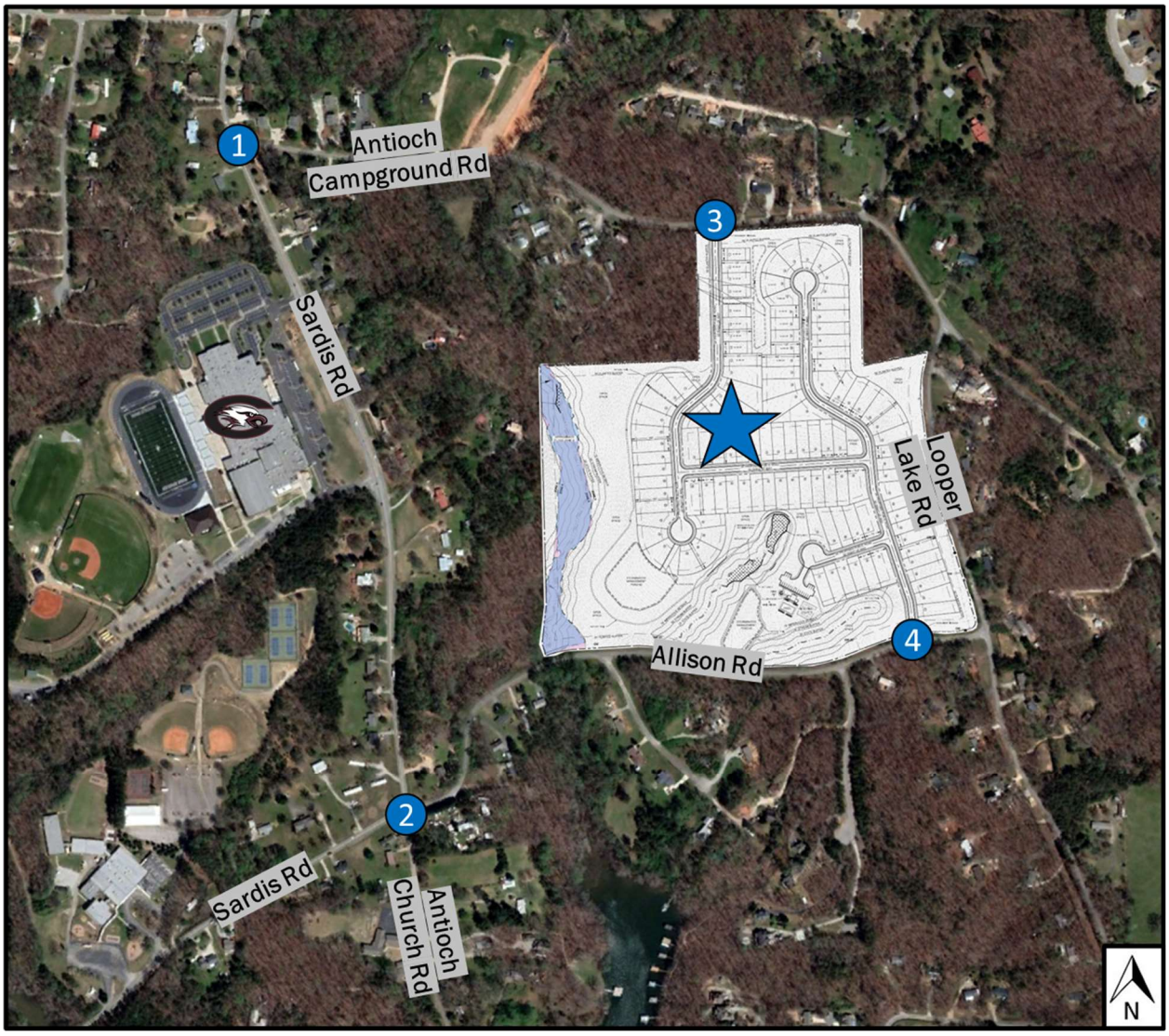


Figure 2: Site Location Aerial



1. Antioch Campground Road at Sardis Road
2. Sardis Road / Antioch Church Road and Sardis Road / Allison Road
3. Antioch Campground Road at Site Driveway 1
4. Allison Road at Site Driveway 2

B. Existing Conditions

B.1. Transportation Facilities

Sardis Road is a two-lane undivided roadway with a north/south orientation that runs south towards SR 53/Dawsonville Highway and north towards SR 136/Price Road. Sardis Road has a posted speed limit of 35 miles per hour (MPH) near the project site. A school zone lowers the speed limit to 30 MPH approximately 230 feet south of its intersection with Antioch Campground Road. The school zone extends approximately 1,700 feet south. Land uses along Sardis Road in the study area are primarily residential, recreational, and institutional in the area.

Antioch Campground Road is a two-lane undivided roadway that runs east from its intersections with Sardis Road approximately two miles east before its termination. Antioch Campground Road has no posted speed limit, but the Hall County Municipal Code states that the road is zoned for 40 miles per hour between Sardis Road and East Lake Drive. Land uses along its length are primarily residential and recreational.

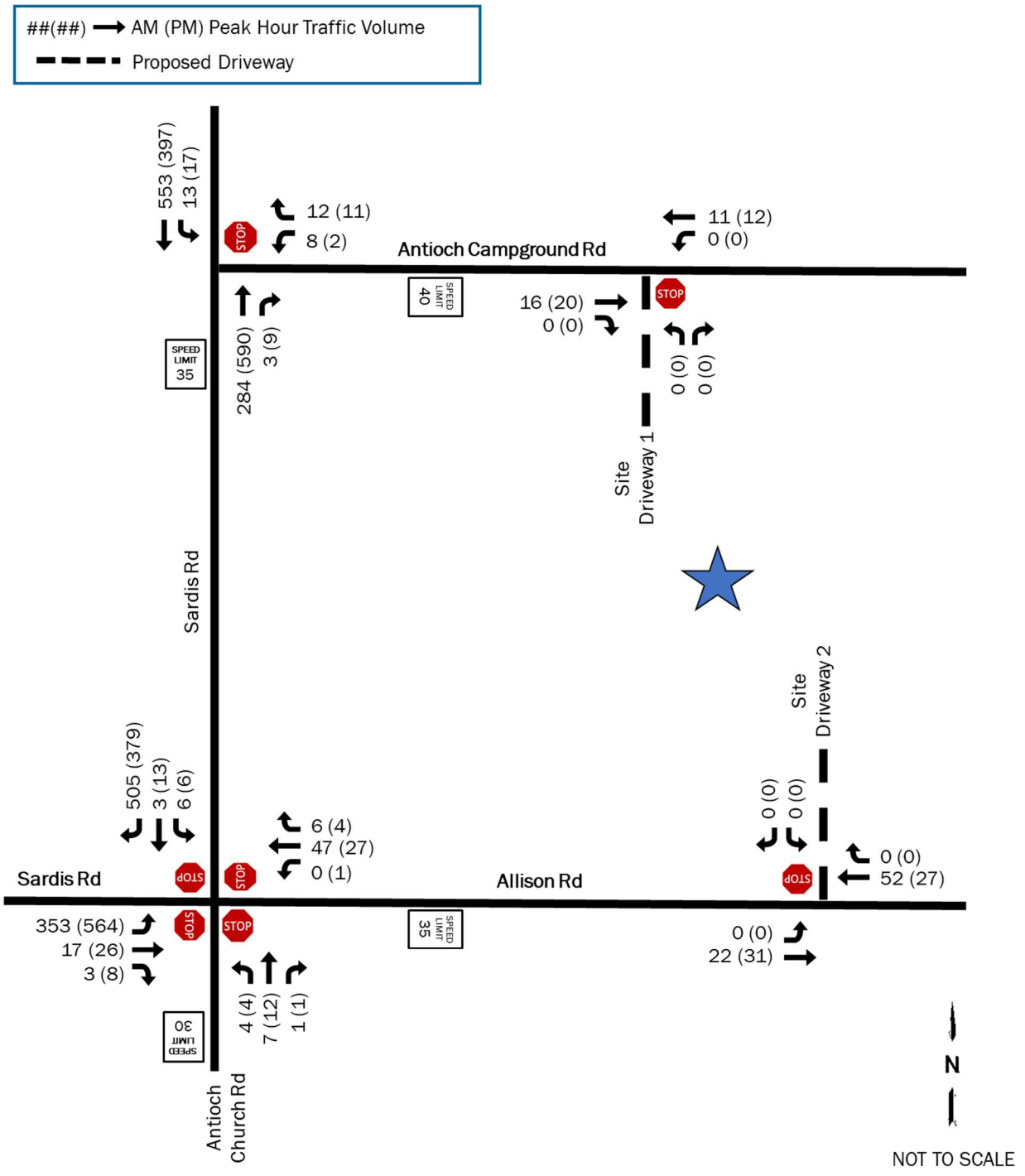
Antioch Church Road is a two-lane undivided roadway that runs south from its intersection with Sardis Road into Sardis Creek Park. Antioch Church Road has a posted speed limit of 30 miles per hour, and land uses along its length are residential and recreational.

Allison Road is a two-lane undivided roadway that runs east from its intersection with Sardis Road approximately half a mile east before its termination at Looper Lake Drive. Allison Road has a posted speed limit of 35 miles per hour, and land uses along its length are residential.

B.2. Traffic Counts

Weekday AM and PM peak period turning movement counts were collected at the existing study intersection on Wednesday, May 1, 2024. Average daily traffic counts were also taken on Antioch Campground Road and Allison Road near the proposed site driveways. The average daily weekday traffic along Antioch Campground Road is approximately 400 vehicles per day and approximately 890 vehicles per day along Allison Road. Counts were collected while schools were in session and are included in Appendix B.

Figure 3: 2024 Existing Traffic Volumes



C. Future Conditions

C.1. Background Growth

The project is expected to be built-out in 2027. An analysis of historical traffic counts collected by the Georgia Department of Transportation (GDOT) within the study area suggests a growth rate of 0.3% while US census data suggests a growth rate of 1.3%. To account for possible future development in the area, a growth rate of 2% was applied to the traffic counts over three years to establish the future (No-Build) volumes. The expected No-Build volumes are depicted in Figure 4. The growth rate development worksheet is included in Appendix B.

C.2. Project Trip Generation

Table 1 summarizes the project trip generation calculated using the Institute of Transportation Engineers' (ITE) Trip Generation Manual, 11th Edition, 2021. The new development consists of 114 Senior Adult (55+) homes.

Table 1: Trip Generation

LAND USE	PERIOD	TOTAL	IN	OUT
Senior Adult Housing – Single Family, LUC 251 (114 Dwelling Units)	Daily	662	331	331
	AM Peak Hour	43	14	29
	PM Peak Hour	49	30	19

The development will generate a total of 43 trips (14 entering and 29 exiting) during the AM peak hour, and a total of 49 trips (30 entering and 19 exiting) during the PM peak hour.

C.3. Trip Distribution and Assignment

The assignment and directional distribution of new project trips was based on the existing traffic patterns observed in the overall study area. It is expected that approximately 40% of the expected site traffic will travel to/from the north along Sardis Road, approximately 40% will travel to/from the southwest along Sardis Road, approximately 10% will travel to/from the east along Antioch Campground Road and approximately 10% will travel to/from the east along Allison Road. The trip distribution is shown in Figure 5. The project trips generated from the development utilizing the trip distribution are depicted in Figure 6. The No-Build plus project trips (Build volumes) are depicted in Figure 7.

Figure 4: 2027 No-Build Traffic Volumes

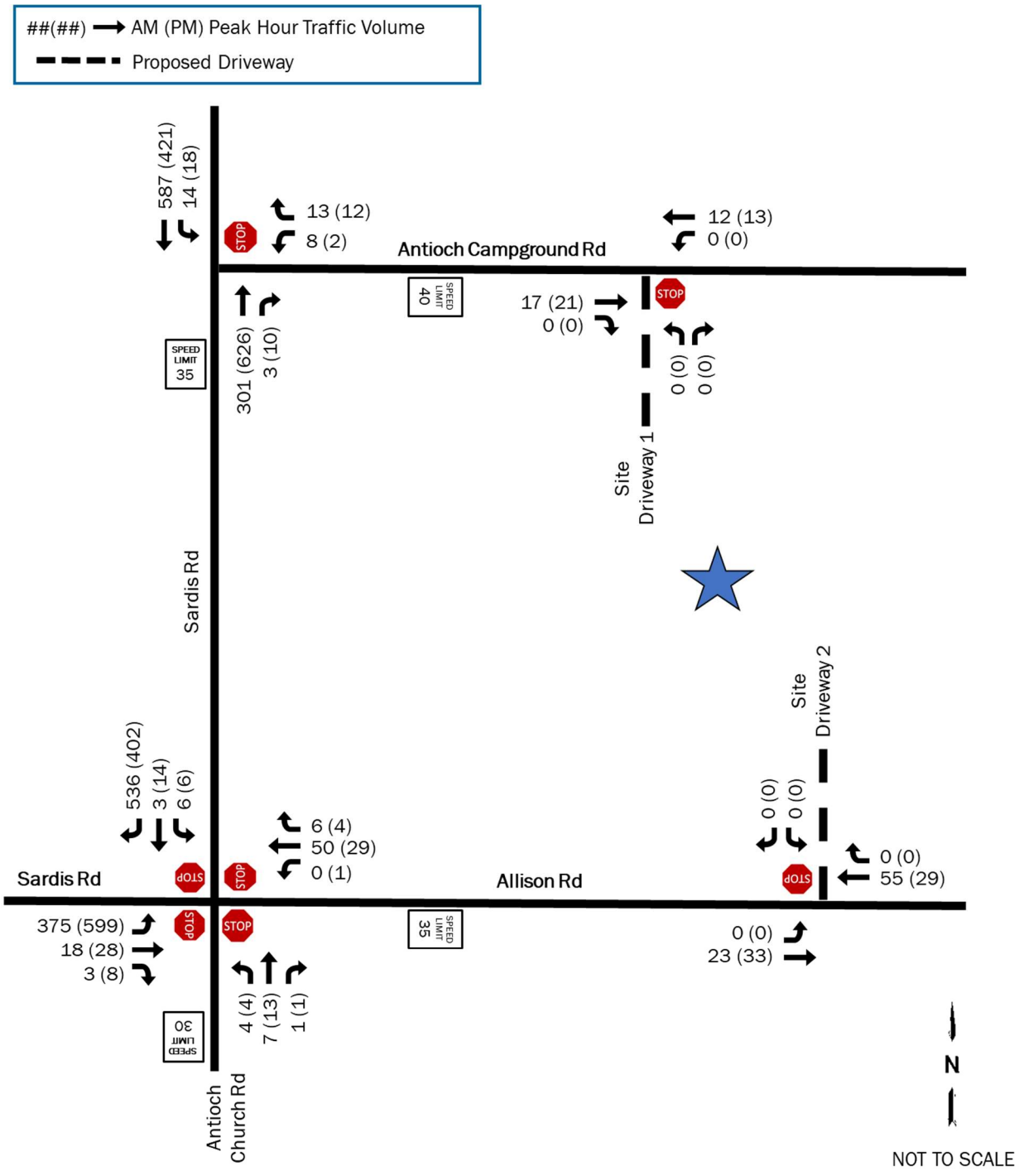


Figure 5: Project Trip Distribution

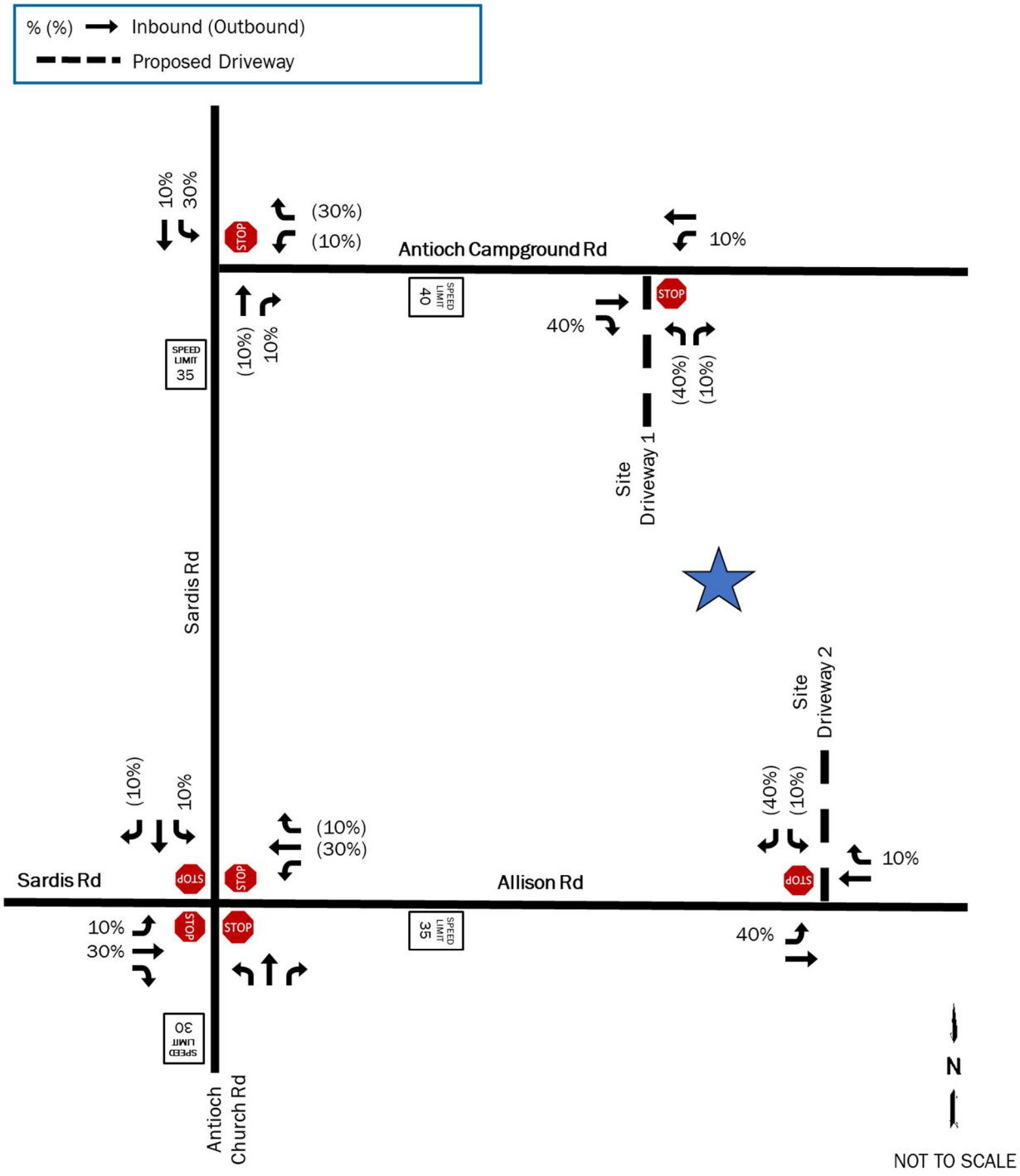


Figure 6: Project Development Trips

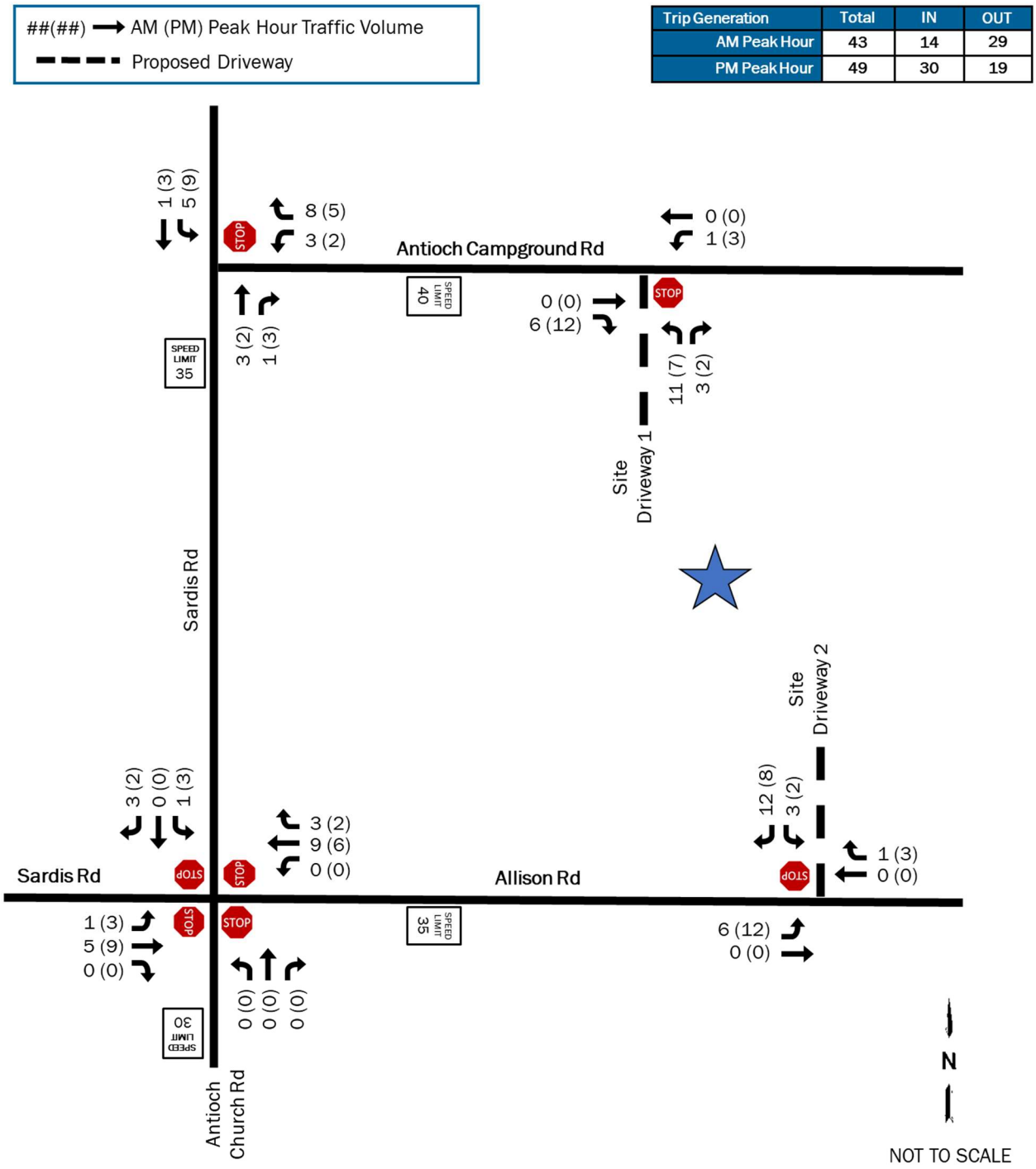
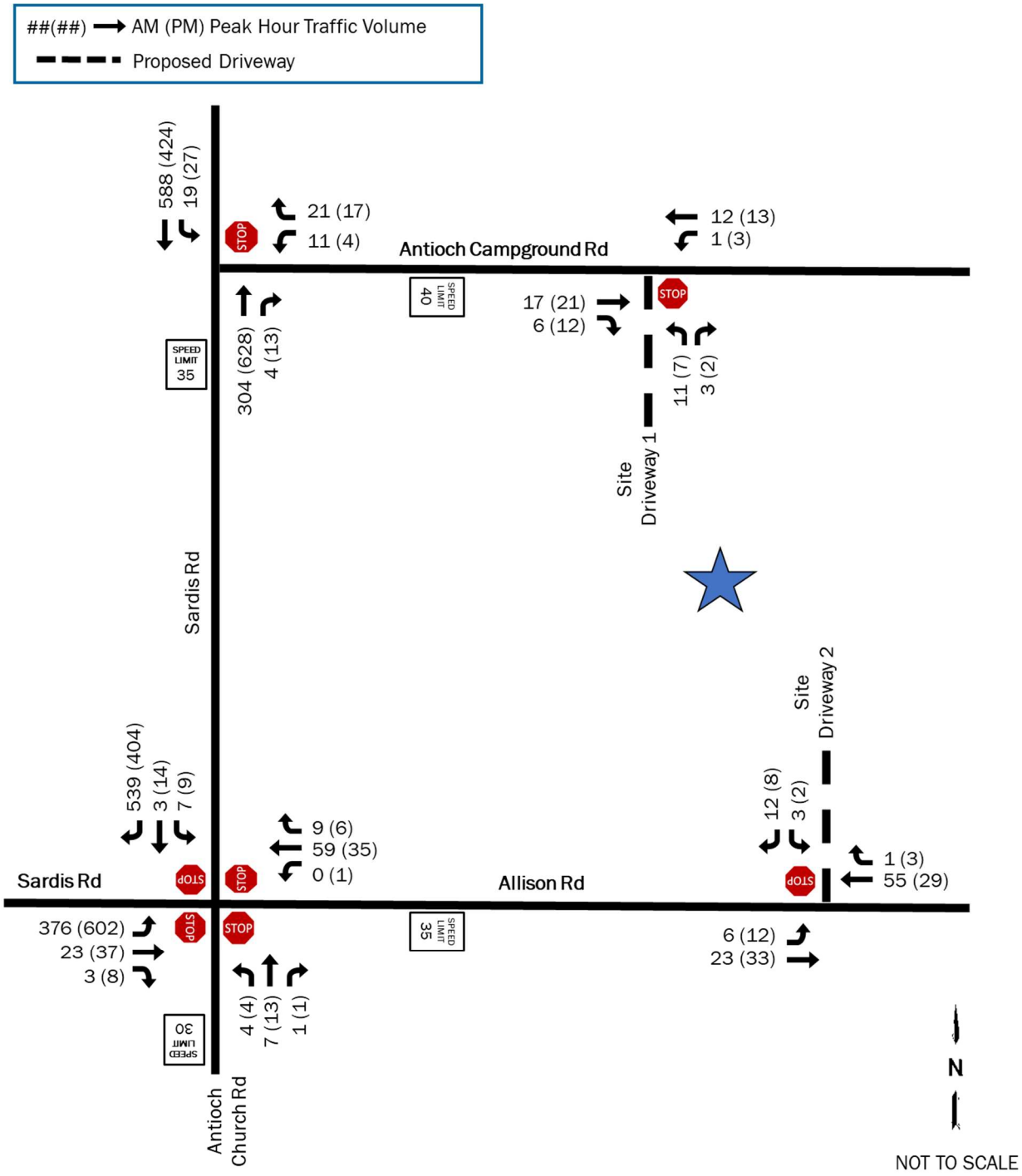


Figure 7: 2027 Build Traffic Volumes



D. Traffic Impact Analyses

The analysis in each of the scenarios for the study was performed using the traffic analysis software Synchro® 12. Average vehicular delays are calculated and reported as Levels of Service (LOS) as defined by the Highway Capacity Manual (HCM 7th Edition). HCM uses a grading system A through F, where A is the best (little to no delay), and F is the worst (very heavy delay). HCM Levels of Service (LOS) standards and Synchro® output reports are included in Appendix C.

D.1. 2024 Existing Conditions Analysis

The results of the 2024 Existing conditions capacity analysis are shown in Table 2 and include analysis of the traffic volumes presented in Figure 3.

Table 2: 2024 Existing Conditions Capacity Analysis

Intersection	Control	Movement	AM		PM	
			LOS	Delay	LOS	Delay
Antioch Campground Rd & Sardis Rd	Stop-Control	WB	B	13.6	B	14.3
		SBL	A	7.9	A	8.8
Sardis Rd / Antioch Church Rd & Sardis Rd / Allison Rd	Stop-Control	**Overall**	**D**	**33.9**	**E**	**38.0**
		EB	D	26.7	F	52.8
		WB	B	10.7	A	9.9
		NB	B	10.2	B	10.2
		SB	E	42.5	C	21.7

As shown in Table 2, the intersection of Antioch Campground Road and Sardis Road operates with acceptable LOS during the AM and PM peak hours.

D.2. 2027 No-Build Conditions Capacity Analysis

The results of the 2027 No-Build conditions capacity analysis are shown in Table 3 for the operation of the intersection of Antioch Campground Road and Sardis Road with the traffic volumes presented in Figure 4.

Table 3: 2027 No-Build Capacity Analysis

ID	Intersection	Control	Movement	AM		PM	
				LOS	Delay	LOS	Delay
1	Antioch Campground Rd & Sardis Rd	Stop-Control	WB	B	14.0	B	14.9
			SBL	A	8.0	A	9.0
2	Sardis Rd / Antioch Church Rd & Sardis Rd / Allison Rd	Stop-Control	**Overall**	**E**	**46.8**	**F**	**51.5**
			EB	D	33.9	F	75.5
			WB	B	11.1	B	10.2
			NB	B	10.5	B	10.5
			SB	F	61.3	C	24.5

As shown in Table 3, traffic operations at the intersection of Antioch Campground Road and Sardis Road are expected to experience a nominal increase in delay due to the applied growth rate. The delays at the intersection are expected to increase slightly, but the overall LOS remain consistent with the Existing conditions and will continue to operate acceptably.

Hall County currently has an active roadway project, Sardis Road Connector, that is likely to greatly reduce the volume of traffic at the intersection of Sardis Road / Antioch Church Road and Sardis Road / Allison Road. With the expected reduction in traffic, it is likely that no improvements will be needed at this intersection, though if the Sardis Road Connector project is not constructed, improvements may be needed.

D.3. 2027 Build Conditions Capacity Analysis

The results of the 2027 Build conditions intersection capacity analysis are shown in Table 4 for No-Build plus project volumes as presented in Figure 7.

Table 4: 2027 Build Capacity Analysis

ID	Intersection	Control	Movement	AM		PM	
				LOS	Delay	LOS	Delay
1	Antioch Campground Rd & Sardis Rd	Stop-Control	WB	B	14.1	C	15.9
			SBL	A	8.0	A	9.0
2	Sardis Rd / Antioch Church Rd & Sardis Rd / Allison Rd	Stop-Control	**Overall**	**F**	**51.0**	**F**	**57.2**
			EB	E	37.0	F	85.2
			WB	B	11.5	B	10.4
			NB	B	10.7	B	10.7
			SB	F	67.8	D	26.1
3	Antioch Campground Rd & Site Driveway 1	Stop-Control	NB	A	8.7	A	8.8
			WBL	A	7.3	A	7.3
4	Allison Rd & Site Driveway 2	Stop-Control	SB	A	7.3	A	8.7
			EBL	A	8.7	A	7.3

As shown in Table 4, the addition of project traffic to the two study intersections are expected to have a minimal impact on traffic operations. The site is only expected to add four (4) southbound trips and six (6) eastbound trips during the morning peak hour at the intersection of Sardis Road / Antioch Church Road and Sardis Road / Allison Road, which does not justify improvements at the intersection. With the traffic operations expected to improve with the completion of the nearby Sardis Road Connector project, no improvements are expected to be needed at the existing intersections along Sardis Road. The addition of driveways on Antioch Campground Road and Allison Road does not impact the functionality of traffic operations along Antioch Campground Road and Allison Road.

E. Driveway Evaluations

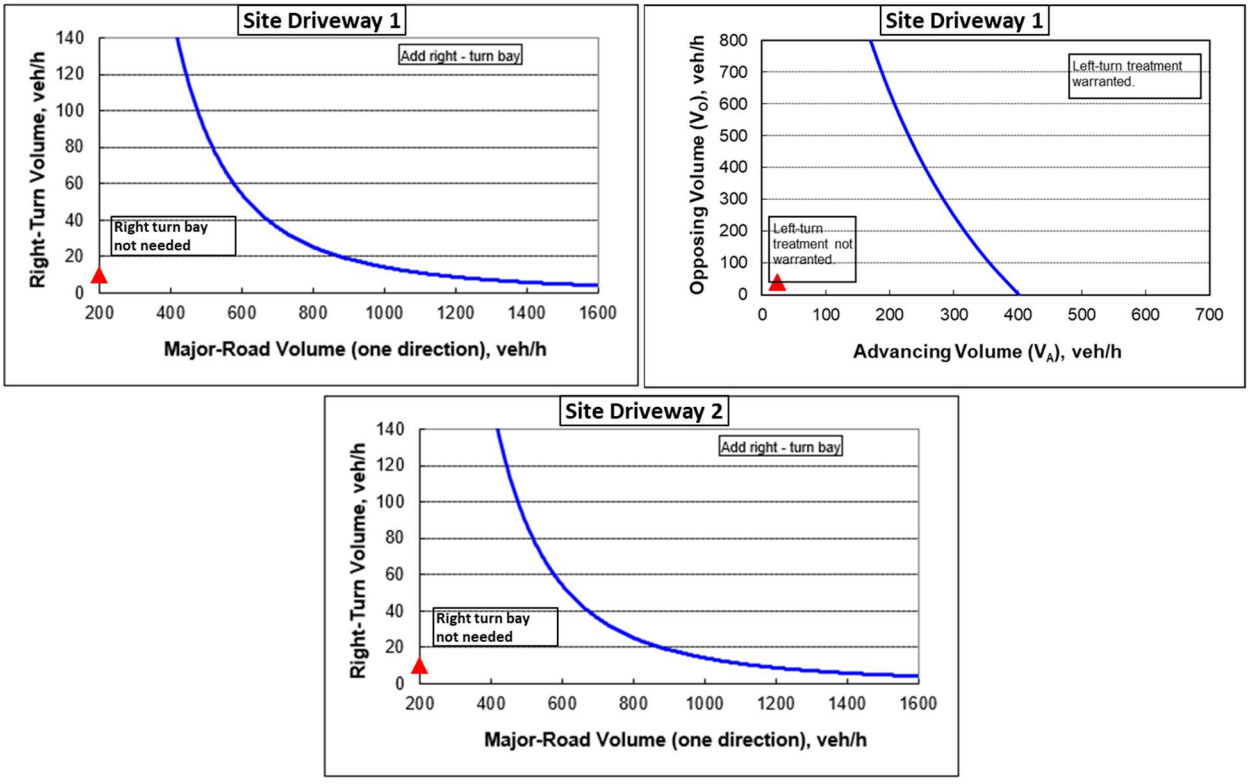
E.1. NCHRP Turn Lane Evaluations

The need for turn lanes was evaluated at the proposed site driveways along Antioch Campground Road using NCHRP Report 457. Figure 2-6 in the report shows that for a 40 MPH roadway, the road would need to exceed 400 vehicles per hour in one direction before a right-turn lane would be warranted. At most, Antioch Campground Road is expected to have 39 hourly trips in one direction. Right-Turn lanes are not warranted at either driveway.

For the full-access driveway, the NCHRP report Figure 2-5 shows that a left-turn lane is warranted if left-turns exceed 40% of the advancing traffic and there is more than 200 advancing vehicles while having several hundred opposing vehicles. While it is expected that 25% of the westbound traffic in the PM peak period is expected to turn left, there are only 24 expected westbound vehicles and 39 expected opposing vehicles at most, far short of what warrants a left-turn lane.

The tables for each driveway turn-lane evaluation are shown in figure 8 and are also included in Appendix D.

Figure 8: NCHRP Turn Lane Evaluations



E.2. Sight Distance Evaluation

According to the Hall County Residential Driveway Requirements, a minimum intersection sight distance is required for a passenger car entering the intersection from a site driveway. Based on the designated speed limit of 40 MPH for Antioch Campground Road, an intersection sight distance of 441 feet is required for the site driveway at Antioch Campground Road. For the driveway along Allison Road, the intersection sight distance required is 386 since the roadway's speed limit is 35 MPH. A breakdown of the sight distance at the two driveways is shown in Table 5 below using measurements provided by the site plan.

Table 5: Sight Distance

ID	Intersection	Direction	Distance Required	Distance Measured	Sight Distance Met?
3	Antioch Campground Rd & Site Driveway 1	Looking Left	441	475	YES
		Looking Right		500	YES
4	Allison Rd & Site Driveway 2	Looking Left	386	301	NO*
		Looking Right		475	YES

As shown in Table 5, both driveways meet Hall County's sight distance requirement for vehicles making turns out of the driveways. Sight distance looking left at site driveway 2 was measured to the end of Allison Road, and with traffic along Allison Road being very low, there should not be an issue with the sight distance since vehicles coming from Looper Lake Road will be traveling slowly.

F. Conclusions

A new residential development is proposed for construction along Antioch Campground Road and Allison Road in Hall County, Georgia. The proposed development will consist of 114 senior adult (55+) homes and will utilize one (1) full-access driveway onto Antioch Campground Road and one (1) full-access driveway onto Allison Road. The development has a projected build out date of 2027.

When complete, the development is expected to generate a total of 662 new daily trips, 43 trips during the AM peak hour (14 entering and 29 exiting), and 49 during the PM peak hour (30 entering and 19 exiting).

Traffic operations at the intersection of Antioch Campground Road and Sardis Road are satisfactory in Existing conditions, but the intersection of Sardis Road / Antioch Church Road and Sardis Road / Allison Road currently operates with high delay during the peak hours due to a high volume of southbound vehicles during the morning peak period and eastbound vehicles during the PM peak period. Traffic volumes are expected to worsen slightly in the No-Build scenario due to the anticipated background growth in the study area, but the intersections will continue to operate similarly to the existing conditions. It is noted that there is an ongoing project to construct Sardis Road to bypass this intersection, which is likely to significantly reduce the number of vehicles at the intersection of Sardis Road and Allison Road / Antioch Church Road.

The addition of project traffic is expected to have a minimal impact on traffic operations at the study intersections with the site traffic expecting to add four (4) vehicles to the southbound approach at the intersection of Sardis Road / Antioch Church Road and Sardis Road / Allison Road during the morning peak period and twelve (12) to the eastbound approach during the evening peak period. Since the Sardis Road Connector project is expected to greatly reduce volume from the Sardis Road corridor, no improvements are recommended at the two existing intersections.

The proposed driveways are also expected to operate at a satisfactory LOS and have little impact on traffic operations along Antioch Campground Road and Allison Road.

Turn lanes are not warranted at either driveway due to the low traffic volumes along Antioch Campground Road and Allison Road. Both driveways also meet Hall County's sight distance requirements.

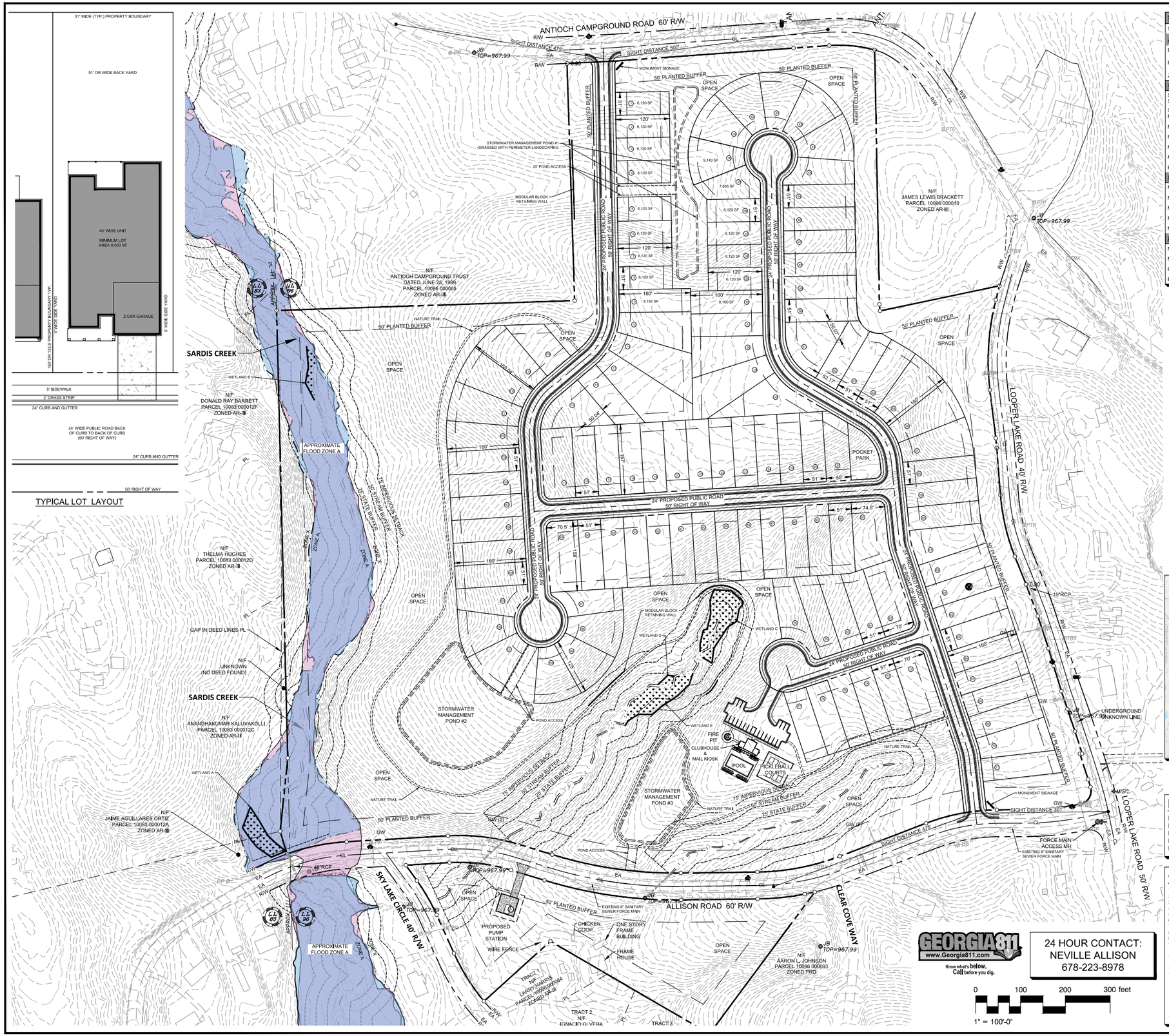
Based on the analysis prepared for the proposed development, improvements at the existing study intersections are not required to mitigate the impact of the proposed development.

APPENDIX A:

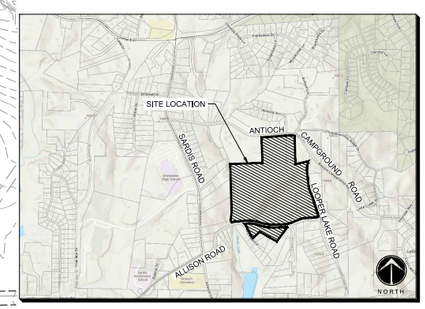
DEVELOPMENT

CONCEPT PLAN

TYPICAL LOT LAYOUT



SITE DATA:	
SITE AREA	59.003 ACRES
ZONING	
EXISTING ZONING	AR-III
PROPOSED ZONING	PRD (PLANNED RESIDENTIAL DEVELOPMENT) SENIOR ORIENTED RESIDENTIAL USE
ZONING JURISDICTION	HALL COUNTY
USE	
50' WIDE LOTS - 38' WIDE FRONT-LOADED SINGLE-FAMILY	114 UNITS
SINGLE-FAMILY GARAGE DOORS (FLUSH WITH FRONT FACADE)	16 FEET WIDE OR 42% WIDTH OF UNIT
MAXIMUM HEIGHT	35 FEET
NUMBER OF STORIES	TWO-STORY
MINIMUM UNIT SIZE	2,100 SF
MAXIMUM DENSITY	2.00 UNITS
PROPOSED DENSITY	1.93 UNITS PER ACRE
DIMENSIONAL STANDARDS SINGLE-FAMILY	
MINIMUM LOT AREA (EXCEPT AS NOTED)	8,000 SF
MINIMUM LOT WIDTH	50 FEET
MINIMUM FRONT YARD SETBACK	25 FEET
MINIMUM SIDE YARD SETBACK	5 FEET
MINIMUM REAR YARD SETBACK	20 FEET
DIMENSIONAL STANDARDS	
MINIMUM PUBLIC ROAD FRONTAGE	75 FEET
MINIMUM OPEN SPACE	30% OR 17.701 ACRES
PROPOSED OPEN SPACE	47.8% OR 28.193 ACRES
BUFFER	50 FOOT PLANTED BUFFER ALONG PERIMETER



SITE LOCATION MAP

NOT TO SCALE

PROPERTY OWNERS:

PARCEL ID: 10096 000006 - CAROLE FREEMAN
PARCEL ID: 10096 000004 - WESLEY MARTIN
PARCEL ID: 10096 000059 - LAMAR COLLINS
PARCEL ID: 10096 000061 - LAMAR COLLINS
PARCEL ID: 10096 000062 - LAMAR COLLINS

GENERAL NOTES:

1. STREAMS AND WETLANDS ARE LOCATED ON THE SITE
2. FLOODPLAIN IS LOCATED ON THE SITE
3. NO POWER TRANSMISSION OR GAS PIPELINE EASEMENTS ARE LOCATED ON THE SITE
4. NO CEMETERIES ARE LOCATED ON THE SITE
5. SIZE AND LOCATION OF PROPOSED STRUCTURES AS INDICATED ON THE SITE PLAN
6. SPEED LIMIT ON ANTIOCH CAMPGROUND ROAD IS 35 MPH.
7. SPEED LIMIT ON LOOPER LAKE ROAD IS 35 MPH.
8. SPEED LIMIT ON ALLISON ROAD IS 35 MPH
9. WATER UTILITY PROVIDER IS CITY OF GAINESVILLE.
10. SANITARY SEWER PROVIDER IS CITY OF GAINESVILLE. DEVELOPMENT TO BE SERVED BY GRAVITY SEWER. A PROPOSED PUMP STATION IS REQUIRED.
11. THIS CONCEPT PLAN UTILIZES GIS DATA FOR FLOOD HAZARD AREA, TOPOGRAPHY, SANITARY SEWER FORCE MAIN AND UNDERGROUND WATER MAIN.
12. EXISTING TREE CANOPY COVERS THE SITE.
13. THE HOA(S) WILL MAINTAIN AND MANAGE ALL OF THE COMMON AREAS OF THE DEVELOPMENT, INCLUDING FINANCIAL MANAGEMENT AND ENFORCEMENT OF COMMUNITY STANDARDS. ANY MODIFICATIONS OR NEW CONSTRUCTION WITHIN THE COMMUNITY MUST BE APPROVED BY AN ARCHITECTURAL REVIEW BOARD. THE BOARD WILL BE ESTABLISHED AND OPERATED BY THE DEVELOPER UNTIL SUCH TIME AS THE POWERS ARE TRANSFERRED TO THE HOA(S). PUBLIC STREETS WILL BE TURNED OVER TO THE COUNTY WHEREAS THE ALLEYWAYS WILL BE PRIVATE AND WILL BE MAINTAINED BY THE HOA(S).
14. EXISTING STRUCTURES ON THE SITE ARE TO BE REMOVED.

GEORGIA811 www.Georgia811.com Know what's below. Call before you dig.

24 HOUR CONTACT:
NEVILLE ALLISON
678-223-8978

0 100 200 300 feet

1" = 100'-0"

ENGINEER

THE REVIVE LAND GROUP
Part of Peachtree Group

SOURCE. ENTITLE. REVIVE.

ONE ALLIANCE CENTER
3500 LENOX ROAD
SUITE 625
ATLANTA, GEORGIA 30326
O: (678) 223-8978
WWW.THEREVIVELANDGROUP.COM

PROJECT

SOMERSET AT SARDIS CREEK

A MASTER PLANNED SENIOR ORIENTED RESIDENTIAL DEVELOPMENT

3212 & 3302 ANTIOCH CAMPGROUND ROAD
GAINESVILLE, GA 30506

HALL COUNTY
GEORGIA

LAND LOT: 83 & 96
DISTRICT: 10TH

CLIENT

THE REVIVE LAND GROUP
Part of Peachtree Group

SOURCE. ENTITLE. REVIVE.

ONE ALLIANCE CENTER
3500 LENOX ROAD
SUITE 625
ATLANTA, GEORGIA 30326
O: (678) 223-8978
THEREVIVELANDGROUP.COM

REVISION

REVISION	DATE

PROJECT NUMBER

23023

SEAL

GEORGIA REGISTERED PROFESSIONAL CHARLES BARRY ELROD

PRELIMINARY
NOT TO BE RELEASED FOR CONSTRUCTION

SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE

NORTH

NORTH

DATE

APRIL 23, 2024

TITLE

CONCEPTUAL SITE PLAN

SHEET

Z-01

APPENDIX B:

TRAFFIC COUNTS

& GROWTH RATE

DEVELOPMENT WORSHEET

Peak Hour Turning Movement Count

Hall County, GA

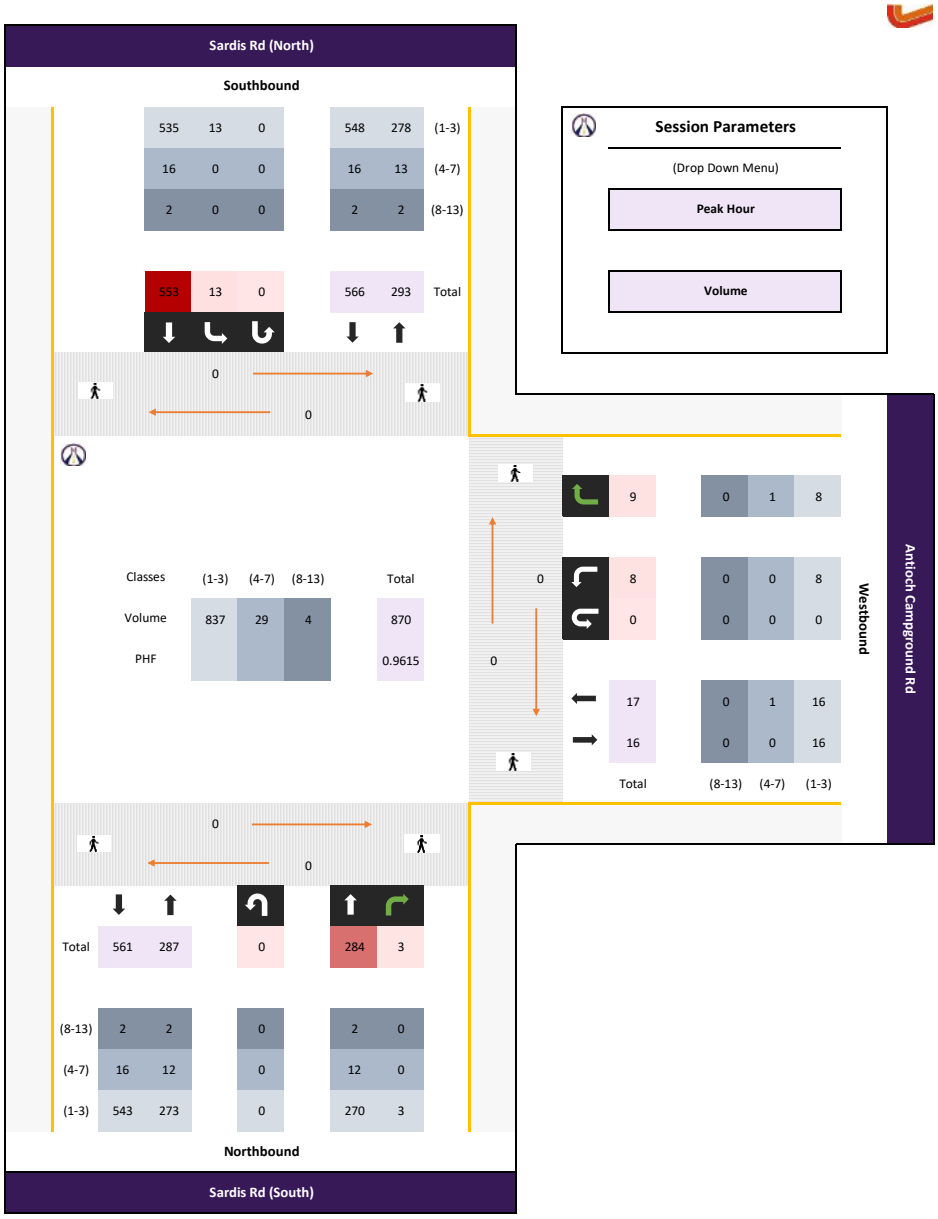
Click here for Map

Marr Traffic DATA COLLECTION

www.marrtraffic.com

Wednesday, May 1, 2024	
Period	0700 - 0900
Peak Hour	0730 - 0830

* the Peak Hour Diagram does not include Bikes



All vehicles

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0730 - 0745	-	50	0	-	0	50	3	149	-	-	0	152	-	-	-	-	-	0	1	-	2	-	0	3	205
0745 - 0800	-	77	3	-	0	80	5	135	-	-	0	140	-	-	-	-	-	0	5	-	2	-	0	7	227
0800 - 0815	-	77	0	-	0	77	2	138	-	-	0	140	-	-	-	-	-	0	2	-	2	-	0	4	221
0815 - 0830	-	80	0	-	0	80	3	131	-	-	0	134	-	-	-	-	-	0	0	-	6	-	0	6	220
Total	0	284	3	0	0	287	13	553	0	0	0	566	0	0	0	0	0	0	8	0	12	0	0	20	873
Approach %	0.00	98.95	1.05	0.00	0.00	-	2.30	97.70	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	40.00	0.00	60.00	0.00	0.00	-	
PHF	0.00	0.89	0.25	0.00	0.00	**0.90**	0.65	0.93	0.00	0.00	0.00	**0.93**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.40	0.00	0.50	0.00	0.00	**0.71**	**0.96**

Passenger Vehicles (1-3)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0730 - 0745	-	47	0	-	0	47	3	145	-	-	0	148	-	-	-	-	-	0	1	-	2	-	0	3	198
0745 - 0800	-	75	3	-	0	78	5	127	-	-	0	132	-	-	-	-	-	0	5	-	2	-	0	7	217
0800 - 0815	-	71	0	-	0	71	2	135	-	-	0	137	-	-	-	-	-	0	2	-	2	-	0	4	212
0815 - 0830	-	77	0	-	0	77	3	128	-	-	0	131	-	-	-	-	-	0	0	-	2	-	0	2	210
Total	0	270	3	0	0	273	13	535	0	0	0	548	0	0	0	0	0	0	8	0	8	0	0	16	837
Approach %	0.00	98.90	1.10	0.00	0.00	-	2.37	97.63	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	50.00	0.00	50.00	0.00	0.00	-	
PHF	0.00	0.88	0.25	0.00	0.00	**0.88**	0.65	0.92	0.00	0.00	0.00	**0.93**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.40	0.00	1.00	0.00	0.00	**0.57**	**0.96**

Single Unit Trucks (4-7)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0730 - 0745	-	2	0	-	0	2	0	4	-	-	0	4	-	-	-	-	-	0	0	-	0	-	0	0	6
0745 - 0800	-	2	0	-	0	2	0	8	-	-	0	8	-	-	-	-	-	0	0	-	0	-	0	0	10
0800 - 0815	-	6	0	-	0	6	0	3	-	-	0	3	-	-	-	-	-	0	0	-	0	-	0	0	9
0815 - 0830	-	2	0	-	0	2	0	1	-	-	0	1	-	-	-	-	-	0	0	-	1	-	0	1	4
Total	0	12	0	0	0	12	0	16	0	0	0	16	0	0	0	0	0	0	0	0	1	0	0	1	29
Approach %	0.00	100.00	0.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	0.00	-	
PHF	0.00	0.50	0.00	0.00	0.00	**0.50**	0.00	0.50	0.00	0.00	0.00	**0.50**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.25	0.00	0.00	**0.25**	**0.73**

Combination Trucks (8-13)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0730 - 0745	-	1	0	-	0	1	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	1
0745 - 0800	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0800 - 0815	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0815 - 0830	-	1	0	-	0	1	0	2	-	-	0	2	-	-	-	-	-	0	0	-	0	-	0	0	3
Total	0	2	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4
Approach %	0.00	100.00	0.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.50	0.00	0.00	0.00	**0.50**	0.00	0.25	0.00	0.00	0.00	**0.25**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.33**

Bikes

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0730 - 0745	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0745 - 0800	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0800 - 0815	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0815 - 0830	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	3	-	0	3	3
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.25	0.00	0.00	**0.25**	**0.25**

Peak Hour Turning Movement Count

Hall County, GA

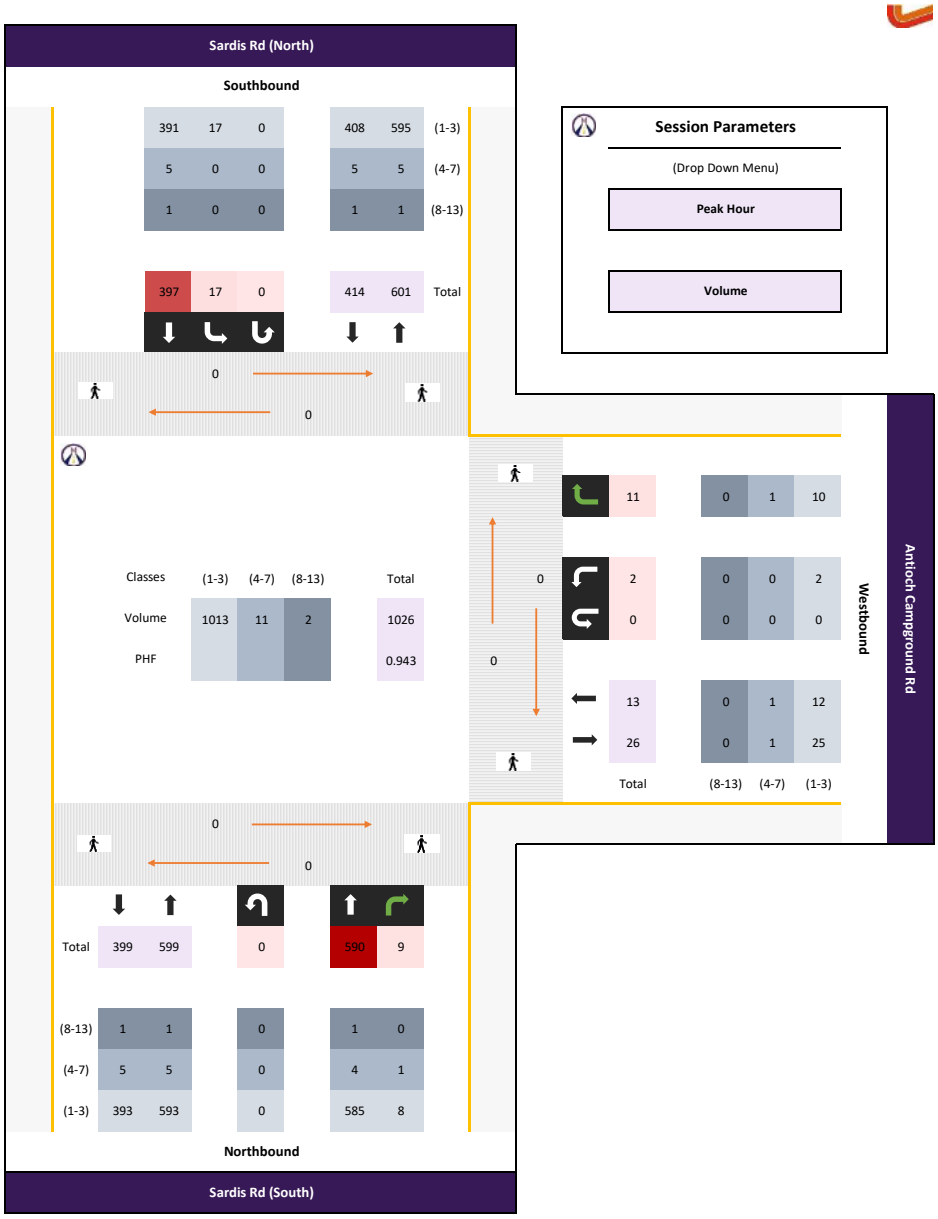
Click here for Map

Marr Traffic DATA COLLECTION

www.marrtraffic.com

Wednesday, May 1, 2024	
Period	1600 - 1800
Peak Hour	1645 - 1745

* the Peak Hour Diagram does not include Bikes



All vehicles

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1645 - 1700	-	131	3	-	0	134	4	85	-	-	0	89	-	-	-	-	-	0	0	-	4	-	0	4	227
1700 - 1715	-	158	1	-	0	159	4	95	-	-	0	99	-	-	-	-	-	0	2	-	1	-	0	3	261
1715 - 1730	-	154	2	-	0	156	6	106	-	-	0	112	-	-	-	-	-	0	0	-	4	-	0	4	272
1730 - 1745	-	147	3	-	0	150	3	111	-	-	0	114	-	-	-	-	-	0	0	-	2	-	0	2	266
Total	0	590	9	0	0	599	17	397	0	0	0	414	0	0	0	0	0	0	2	0	11	0	0	13	1026
Approach %	0.00	98.50	1.50	0.00	0.00	-	4.11	95.89	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	15.38	0.00	84.62	0.00	0.00	-	
PHF	0.00	0.93	0.75	0.00	0.00	**0.94**	0.71	0.89	0.00	0.00	0.00	**0.91**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.25	0.00	0.69	0.00	0.00	**0.81**	**0.94**

Passenger Vehicles (1-3)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1645 - 1700	-	130	3	-	0	133	4	85	-	-	0	89	-	-	-	-	-	0	0	-	4	-	0	4	226
1700 - 1715	-	154	1	-	0	155	4	94	-	-	0	98	-	-	-	-	-	0	2	-	1	-	0	3	256
1715 - 1730	-	154	2	-	0	156	6	104	-	-	0	110	-	-	-	-	-	0	0	-	3	-	0	3	269
1730 - 1745	-	147	2	-	0	149	3	108	-	-	0	111	-	-	-	-	-	0	0	-	2	-	0	2	262
Total	0	585	8	0	0	593	17	391	0	0	0	408	0	0	0	0	0	0	2	0	10	0	0	12	1013
Approach %	0.00	98.65	1.35	0.00	0.00	-	4.17	95.83	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	16.67	0.00	83.33	0.00	0.00	-	
PHF	0.00	0.95	0.67	0.00	0.00	**0.95**	0.71	0.91	0.00	0.00	0.00	**0.92**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.25	0.00	0.63	0.00	0.00	**0.75**	**0.94**

Single Unit Trucks (4-7)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1645 - 1700	-	1	0	-	0	1	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	1
1700 - 1715	-	3	0	-	0	3	0	1	-	-	0	1	-	-	-	-	-	0	0	-	0	-	0	0	4
1715 - 1730	-	0	0	-	0	0	0	1	-	-	0	1	-	-	-	-	-	0	0	-	1	-	0	1	2
1730 - 1745	-	0	1	-	0	1	0	3	-	-	0	3	-	-	-	-	-	0	0	-	0	-	0	0	4
Total	0	4	1	0	0	5	0	5	0	0	0	5	0	0	0	0	0	0	0	0	1	0	0	1	11
Approach %	0.00	80.00	20.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	0.00	-	
PHF	0.00	0.33	0.25	0.00	0.00	**0.42**	0.00	0.42	0.00	0.00	0.00	**0.42**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.25	0.00	0.00	**0.25**	**0.69**

Combination Trucks (8-13)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1645 - 1700	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1700 - 1715	-	1	0	-	0	1	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	1
1715 - 1730	-	0	0	-	0	0	0	1	-	-	0	1	-	-	-	-	-	0	0	-	0	-	0	0	1
1730 - 1745	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
Total	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Approach %	0.00	100.00	0.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.25	0.00	0.00	0.00	**0.25**	0.00	0.25	0.00	0.00	0.00	**0.25**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.50**

Bikes

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1645 - 1700	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1700 - 1715	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1715 - 1730	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1730 - 1745	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**

Classified Turn Movement Count || All vehicles

Marr Traffic DATA COLLECTION
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Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.351437°, -83.893384°
Click here for Map

Weather
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0700 - 0900 (Weekday 2h Session) (05-01-2024)
All vehicles

	Northbound Sardis Rd (South)				Southbound Sardis Rd (North)				Westbound Antioch Campground Rd				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	40	1	0	41	4	120	0	124	0	1	0	1	166
0715 - 0730	70	1	0	71	1	124	0	125	1	3	0	4	200
0730 - 0745	50	0	0	50	3	149	0	152	1	2	0	3	205
0745 - 0800	77	3	0	80	5	135	0	140	5	2	0	7	227
Hourly Total	237	5	0	**242**	13	528	0	**541**	7	8	0	**15**	**798**
0800 - 0815	77	0	0	77	2	138	0	140	2	2	0	4	221
0815 - 0830	80	0	0	80	3	131	0	134	0	6	0	6	220
0830 - 0845	61	1	0	62	1	80	0	81	3	4	0	7	150
0845 - 0900	62	1	0	63	2	59	0	61	0	3	0	3	127
Hourly Total	280	2	0	**282**	8	408	0	**416**	5	15	0	**20**	**718**
Grand Total	517	7	0	**524**	21	936	0	**957**	12	23	0	**35**	**1516**
Approach %	98.66	1.34	0.00	-	2.19	97.81	0.00	-	34.29	65.71	0.00	-	
Intersection %	34.10	0.46	0.00	34.56	1.39	61.74	0.00	63.13	0.79	1.52	0.00	2.31	
Heavy Vehicle %	5	14	-	**5**	0	3	-	**3**	0	9	-	**6**	**4**
PHF	0.89	0.25	0.00	**0.90**	0.65	0.93	0.00	**0.93**	0.40	0.50	0.00	**0.71**	**0.96**

1600 - 1800 (Weekday 2h Session) (05-01-2024)
All vehicles

	Northbound Sardis Rd (South)				Southbound Sardis Rd (North)				Westbound Antioch Campground Rd				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	145	2	0	147	5	83	0	88	2	8	0	10	245
1615 - 1630	120	0	0	120	3	77	0	80	4	3	0	7	207
1630 - 1645	122	1	0	123	3	100	0	103	1	6	0	7	233
1645 - 1700	131	3	0	134	4	85	0	89	0	4	0	4	227
Hourly Total	518	6	0	**524**	15	345	0	**360**	7	21	0	**28**	**912**
1700 - 1715	158	1	0	159	4	95	0	99	2	1	0	3	261
1715 - 1730	154	2	0	156	6	106	0	112	0	4	0	4	272
1730 - 1745	147	3	0	150	3	111	0	114	0	2	0	2	266
1745 - 1800	106	4	0	110	6	94	0	100	3	3	0	6	216
Hourly Total	565	10	0	**575**	19	406	0	**425**	5	10	0	**15**	**1015**
Grand Total	1083	16	0	**1099**	34	751	0	**785**	12	31	0	**43**	**1927**
Approach %	98.54	1.46	0.00	-	4.33	95.67	0.00	-	27.91	72.09	0.00	-	
Intersection %	56.20	0.83	0.00	57.03	1.76	38.97	0.00	40.74	0.62	1.61	0.00	2.23	
Heavy Vehicle %	2	13	-	**2**	0	2	-	**2**	0	10	-	**7**	**2**
PHF	0.93	0.75	0.00	**0.94**	0.71	0.89	0.00	**0.91**	0.25	0.69	0.00	**0.81**	**0.94**

Classified Turn Movement Count || Passenger Vehicles (1-3)

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Passenger Vehicles (1-3)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	39	1	0	40	4	118	0	122	0	1	0	1	163
0715 - 0730	68	0	0	68	1	121	0	122	1	2	0	3	193
0730 - 0745	47	0	0	47	3	145	0	148	1	2	0	3	198
0745 - 0800	75	3	0	78	5	127	0	132	5	2	0	7	217
Hourly Total	229	4	0	**233**	13	511	0	**524**	7	7	0	**14**	**771**
0800 - 0815	71	0	0	71	2	135	0	137	2	2	0	4	212
0815 - 0830	77	0	0	77	3	128	0	131	0	2	0	2	210
0830 - 0845	59	1	0	60	1	79	0	80	3	4	0	7	147
0845 - 0900	57	1	0	58	2	56	0	58	0	3	0	3	119
Hourly Total	264	2	0	**266**	8	398	0	**406**	5	11	0	**16**	**688**
Grand Total	493	6	0	**499**	21	909	0	**930**	12	18	0	**30**	**1459**
Approach %	98.80	1.20	0.00	-	2.26	97.74	0.00	-	40.00	60.00	0.00	-	
Intersection %	33.79	0.41	0.00	34.20	1.44	62.30	0.00	63.74	0.82	1.23	0.00	2.06	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Passenger Vehicles (1-3)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	136	1	0	137	5	81	0	86	2	7	0	9	232
1615 - 1630	116	0	0	116	3	75	0	78	4	3	0	7	201
1630 - 1645	120	1	0	121	3	95	0	98	1	5	0	6	225
1645 - 1700	130	3	0	133	4	85	0	89	0	4	0	4	226
Hourly Total	502	5	0	**507**	15	336	0	**351**	7	19	0	**26**	**884**
1700 - 1715	154	1	0	155	4	94	0	98	2	1	0	3	256
1715 - 1730	154	2	0	156	6	104	0	110	0	3	0	3	269
1730 - 1745	147	2	0	149	3	108	0	111	0	2	0	2	262
1745 - 1800	106	4	0	110	6	92	0	98	3	3	0	6	214
Hourly Total	561	9	0	**570**	19	398	0	**417**	5	9	0	**14**	**1001**
Grand Total	1063	14	0	**1077**	34	734	0	**768**	12	28	0	**40**	**1885**
Approach %	98.70	1.30	0.00	-	4.43	95.57	0.00	-	30.00	70.00	0.00	-	
Intersection %	56.39	0.74	0.00	57.14	1.80	38.94	0.00	40.74	0.64	1.49	0.00	2.12	

Classified Turn Movement Count || Single Unit Trucks (4-7)

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Single Unit Trucks (4-7)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	1	0	0	1	0	2	0	2	0	0	0	0	3
0715 - 0730	2	1	0	3	0	2	0	2	0	1	0	1	6
0730 - 0745	2	0	0	2	0	4	0	4	0	0	0	0	6
0745 - 0800	2	0	0	2	0	8	0	8	0	0	0	0	10
Hourly Total	7	1	0	**8**	0	16	0	**16**	0	1	0	**1**	**25**
0800 - 0815	6	0	0	6	0	3	0	3	0	0	0	0	9
0815 - 0830	2	0	0	2	0	1	0	1	0	1	0	1	4
0830 - 0845	2	0	0	2	0	1	0	1	0	0	0	0	3
0845 - 0900	4	0	0	4	0	3	0	3	0	0	0	0	7
Hourly Total	14	0	0	**14**	0	8	0	**8**	0	1	0	**1**	**23**
Grand Total	21	1	0	**22**	0	24	0	**24**	0	2	0	**2**	**48**
Approach %	95.45	4.55	0.00	-	0.00	100.00	0.00	-	0.00	100.00	0.00	-	
Intersection %	43.75	2.08	0.00	45.83	0.00	50.00	0.00	50.00	0.00	4.17	0.00	4.17	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Single Unit Trucks (4-7)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	8	1	0	9	0	2	0	2	0	1	0	1	12
1615 - 1630	4	0	0	4	0	1	0	1	0	0	0	0	5
1630 - 1645	1	0	0	1	0	4	0	4	0	1	0	1	6
1645 - 1700	1	0	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	14	1	0	**15**	0	7	0	**7**	0	2	0	**2**	**24**
1700 - 1715	3	0	0	3	0	1	0	1	0	0	0	0	4
1715 - 1730	0	0	0	0	0	1	0	1	0	1	0	1	2
1730 - 1745	0	1	0	1	0	3	0	3	0	0	0	0	4
1745 - 1800	0	0	0	0	0	2	0	2	0	0	0	0	2
Hourly Total	3	1	0	**4**	0	7	0	**7**	0	1	0	**1**	**12**
Grand Total	17	2	0	**19**	0	14	0	**14**	0	3	0	**3**	**36**
Approach %	89.47	10.53	0.00	-	0.00	100.00	0.00	-	0.00	100.00	0.00	-	
Intersection %	47.22	5.56	0.00	52.78	0.00	38.89	0.00	38.89	0.00	8.33	0.00	8.33	

Classified Turn Movement Count || Combination Trucks (8-13)

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Combination Trucks (8-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	1	0	1	0	0	0	0	1
0730 - 0745	1	0	0	1	0	0	0	0	0	0	0	0	1
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	**1**	0	1	0	**1**	0	0	0	**0**	**2**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	1	0	0	1	0	2	0	2	0	0	0	0	3
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	1	0	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	2	0	0	**2**	0	2	0	**2**	0	0	0	**0**	**4**
Grand Total	3	0	0	**3**	0	3	0	**3**	0	0	0	**0**	**6**
Approach %	100.00	0.00	0.00	-	0.00	100.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	50.00	0.00	0.00	50.00	0.00	50.00	0.00	50.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Combination Trucks (8-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	1	0	0	1	0	0	0	0	0	0	0	0	1
1615 - 1630	0	0	0	0	0	1	0	1	0	0	0	0	1
1630 - 1645	1	0	0	1	0	1	0	1	0	0	0	0	2
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	0	0	**2**	0	2	0	**2**	0	0	0	**0**	**4**
1700 - 1715	1	0	0	1	0	0	0	0	0	0	0	0	1
1715 - 1730	0	0	0	0	0	1	0	1	0	0	0	0	1
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	**1**	0	1	0	**1**	0	0	0	**0**	**2**
Grand Total	3	0	0	**3**	0	3	0	**3**	0	0	0	**0**	**6**
Approach %	100.00	0.00	0.00	-	0.00	100.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	50.00	0.00	0.00	50.00	0.00	50.00	0.00	50.00	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || Bikes

Marr Traffic DATA COLLECTION
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Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.351437°, -83.893384°
Click here for Map

Weather
Fair
74°F
Click here for Detailed Weather

0700 - 0900 (Weekday 2h Session) (05-01-2024)
Bikes

TIME	Northbound Sardis Rd (South) Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Southbound Sardis Rd (North) Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Westbound Antioch Campground Rd Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	3	0	3	3
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	3	0	**3**	**3**
Grand Total	0	0	0	**0**	0	0	0	**0**	0	3	0	**3**	**3**
Approach %	0.00	0.00	0.00	-	0.00	0.00	0.00	-	0.00	100.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Bikes

TIME	Northbound Sardis Rd (South) Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Southbound Sardis Rd (North) Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Westbound Antioch Campground Rd Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
Grand Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
Approach %	0.00	0.00	0.00	-	0.00	0.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || All Trucks (4-13)

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.351437°, -83.893384°
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74°F
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0700 - 0900 (Weekday 2h Session) (05-01-2024)
All Trucks (4-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	1	0	0	1	0	2	0	2	0	0	0	0	3
0715 - 0730	2	1	0	3	0	3	0	3	0	1	0	1	7
0730 - 0745	3	0	0	3	0	4	0	4	0	0	0	0	7
0745 - 0800	2	0	0	2	0	8	0	8	0	0	0	0	10
Hourly Total	8	1	0	**9**	0	17	0	**17**	0	1	0	**1**	**27**
0800 - 0815	6	0	0	6	0	3	0	3	0	0	0	0	9
0815 - 0830	3	0	0	3	0	3	0	3	0	1	0	1	7
0830 - 0845	2	0	0	2	0	1	0	1	0	0	0	0	3
0845 - 0900	5	0	0	5	0	3	0	3	0	0	0	0	8
Hourly Total	16	0	0	**16**	0	10	0	**10**	0	1	0	**1**	**27**
Grand Total	24	1	0	**25**	0	27	0	**27**	0	2	0	**2**	**54**
Approach %	96.00	4.00	0.00	-	0.00	100.00	0.00	-	0.00	100.00	0.00	-	
Intersection %	44.44	1.85	0.00	46.30	0.00	50.00	0.00	50.00	0.00	3.70	0.00	3.70	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
All Trucks (4-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	9	1	0	10	0	2	0	2	0	1	0	1	13
1615 - 1630	4	0	0	4	0	2	0	2	0	0	0	0	6
1630 - 1645	2	0	0	2	0	5	0	5	0	1	0	1	8
1645 - 1700	1	0	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	16	1	0	**17**	0	9	0	**9**	0	2	0	**2**	**28**
1700 - 1715	4	0	0	4	0	1	0	1	0	0	0	0	5
1715 - 1730	0	0	0	0	0	2	0	2	0	1	0	1	3
1730 - 1745	0	1	0	1	0	3	0	3	0	0	0	0	4
1745 - 1800	0	0	0	0	0	2	0	2	0	0	0	0	2
Hourly Total	4	1	0	**5**	0	8	0	**8**	0	1	0	**1**	**14**
Grand Total	20	2	0	**22**	0	17	0	**17**	0	3	0	**3**	**42**
Approach %	90.91	9.09	0.00	-	0.00	100.00	0.00	-	0.00	100.00	0.00	-	
Intersection %	47.62	4.76	0.00	52.38	0.00	40.48	0.00	40.48	0.00	7.14	0.00	7.14	

Crosswalk Counts || Pedestrians

Marr Traffic DATA COLLECTION
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Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Pedestrians

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Pedestrians

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Crosswalk Counts || Bikes

Marr Traffic DATA COLLECTION

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Bikes

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Bikes

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Crosswalk Counts || Motorized Vehicles

Marr Traffic DATA COLLECTION
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Hall County, GA

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Sardis Rd (North)

Antioch Campground Rd

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Motorized Vehicles

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Motorized Vehicles

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Start Date: 5/1/2024	Eastbound			Antioch Campground Rd Westbound			Sardis Rd (South) Northbound			Sardis Rd (North) Southbound			
Time	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**	**Total**
15 Minute Totals													
12:00 AM - 12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM - 12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM - 12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM - 01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 AM - 01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM - 01:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM - 01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 AM - 02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 AM - 02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM - 02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM - 02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM - 03:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM - 03:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 AM - 03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 AM - 03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM - 04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 AM - 04:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM - 04:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 AM - 04:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 AM - 05:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 AM - 05:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 AM - 05:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 AM - 05:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 AM - 06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 AM - 06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM - 06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM - 06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM - 07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM - 07:15 AM	0	0	0	0	0	1	0	40	1	4	120	0	166
07:15 AM - 07:30 AM	0	0	0	1	0	3	0	70	1	1	124	0	200
07:30 AM - 07:45 AM	0	0	0	1	0	2	0	50	0	3	149	0	205
07:45 AM - 08:00 AM	0	0	0	5	0	2	0	77	3	5	135	0	227
08:00 AM - 08:15 AM	0	0	0	2	0	2	0	77	0	2	138	0	221
08:15 AM - 08:30 AM	0	0	0	0	0	6	0	80	0	3	131	0	220
08:30 AM - 08:45 AM	0	0	0	3	0	4	0	61	1	1	80	0	150
08:45 AM - 09:00 AM	0	0	0	0	0	3	0	62	1	2	59	0	127
09:00 AM - 09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM - 09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM - 09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM - 10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM - 10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM - 10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM - 10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM - 11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM - 11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM - 11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM - 11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM - 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM - 12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM - 12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM - 12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM - 01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM - 01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM - 01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM - 01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM - 02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM - 02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM - 02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM - 02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM - 03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM - 03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM - 03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM - 03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM - 04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM - 04:15 PM	0	0	0	2	0	8	0	145	2	5	83	0	245
04:15 PM - 04:30 PM	0	0	0	4	0	3	0	120	0	3	77	0	207
04:30 PM - 04:45 PM	0	0	0	1	0	6	0	122	1	3	100	0	233
04:45 PM - 05:00 PM	0	0	0	0	0	4	0	131	3	4	85	0	227
05:00 PM - 05:15 PM	0	0	0	2	0	1	0	158	1	4	95	0	261
05:15 PM - 05:30 PM	0	0	0	0	0	4	0	154	2	6	106	0	272
05:30 PM - 05:45 PM	0	0	0	0	0	2	0	147	3	3	111	0	266
05:45 PM - 06:00 PM	0	0	0	3	0	3	0	106	4	6	94	0	216
06:00 PM - 06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM - 06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM - 06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM - 07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM - 07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM - 07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM - 07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM - 08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 PM - 08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 PM - 08:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM - 08:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 PM - 09:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 PM - 09:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 PM - 09:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 PM - 09:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 PM - 10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM - 10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM - 10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM - 10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM - 11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM - 11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM - 11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM - 11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM - 12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Peak Hour Turning Movement Count

Hall County, GA

Click here for Map

Marr Traffic DATA COLLECTION

www.marrtraffic.com

Wednesday, May 1, 2024	
Period	0700 - 0900
Peak Hour	0730 - 0830

* the Peak Hour Diagram does not include Bikes

Session Parameters

(Drop Down Menu)

Peak Hour

Volume

All vehicles

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
0730 - 0745	2	4	1	-	0	7	0	2	157	-	0	159	56	3	2	-	0	61	0	15	2	-	0	17	244
0745 - 0800	2	1	0	-	0	3	2	0	113	-	0	115	88	4	0	-	0	92	0	14	0	-	0	14	224
0800 - 0815	0	2	0	-	0	2	1	0	115	-	0	116	107	5	0	-	0	112	0	13	2	-	0	15	245
0815 - 0830	0	0	0	-	0	0	3	1	120	-	0	124	102	5	1	-	0	108	0	5	2	-	0	7	239
Total	4	7	1	0	0	12	6	3	505	0	0	514	353	17	3	0	0	373	0	47	6	0	0	53	952
Approach %	33.33	58.33	8.33	0.00	0.00	-	1.17	0.58	98.25	0.00	0.00	-	94.64	4.56	0.80	0.00	0.00	-	0.00	88.68	11.32	0.00	0.00	-	
PHF	0.50	0.44	0.25	0.00	0.00	**0.43**	0.50	0.38	0.80	0.00	0.00	**0.81**	0.82	0.85	0.38	0.00	0.00	**0.83**	0.00	0.78	0.75	0.00	0.00	**0.78**	**0.97**

Passenger Vehicles (1-3)

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
0730 - 0745	2	4	1	-	0	7	0	2	153	-	0	155	54	2	2	-	0	58	0	15	1	-	0	16	236
0745 - 0800	2	1	0	-	0	3	1	0	107	-	0	108	86	4	0	-	0	90	0	14	0	-	0	14	215
0800 - 0815	0	2	0	-	0	2	1	0	112	-	0	113	101	4	0	-	0	105	0	12	2	-	0	14	234
0815 - 0830	0	0	0	-	0	0	3	1	116	-	0	120	99	5	1	-	0	105	0	5	2	-	0	7	232
Total	4	7	1	0	0	12	5	3	488	0	0	496	340	15	3	0	0	358	0	46	5	0	0	51	917
Approach %	33.33	58.33	8.33	0.00	0.00	-	1.01	0.60	98.39	0.00	0.00	-	94.97	4.19	0.84	0.00	0.00	-	0.00	90.20	9.80	0.00	0.00	-	
PHF	0.50	0.44	0.25	0.00	0.00	**0.43**	0.42	0.38	0.80	0.00	0.00	**0.80**	0.84	0.75	0.38	0.00	0.00	**0.85**	0.00	0.77	0.63	0.00	0.00	**0.80**	**0.97**

Single Unit Trucks (4-7)

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
0730 - 0745	0	0	0	-	0	0	0	0	4	-	0	4	1	1	0	-	0	2	0	0	1	-	0	1	7
0745 - 0800	0	0	0	-	0	0	1	0	6	-	0	7	2	0	0	-	0	2	0	0	0	-	0	0	9
0800 - 0815	0	0	0	-	0	0	0	0	3	-	0	3	6	1	0	-	0	7	0	1	0	-	0	1	11
0815 - 0830	0	0	0	-	0	0	0	0	2	-	0	2	2	0	0	-	0	2	0	0	0	-	0	0	4
Total	0	0	0	0	0	0	1	0	15	0	0	16	11	2	0	0	0	13	0	1	1	0	0	2	31
Approach %	0.00	0.00	0.00	0.00	0.00	-	6.25	0.00	93.75	0.00	0.00	-	84.62	15.38	0.00	0.00	0.00	-	0.00	50.00	50.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.25	0.00	0.63	0.00	0.00	**0.57**	0.46	0.50	0.00	0.00	0.00	**0.46**	0.00	0.25	0.25	0.00	0.00	**0.50**	**0.70**

Combination Trucks (8-13)

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
0730 - 0745	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	0	1	0	0	0	-	0	0	1
0745 - 0800	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
0800 - 0815	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
0815 - 0830	0	0	0	-	0	0	0	0	2	-	0	2	1	0	0	-	0	1	0	0	0	-	0	0	3
Total	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	0	0	2	0	0	0	0	0	0	4
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	0.00	-	100.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.25	0.00	0.00	**0.25**	0.50	0.00	0.00	0.00	0.00	**0.50**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.33**

Bikes

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
0730 - 0745	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
0745 - 0800	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
0800 - 0815	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
0815 - 0830	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**

Peak Hour Turning Movement Count

Hall County, GA

Click here for Map

Marr Traffic DATA COLLECTION

www.marrtraffic.com

Wednesday, May 1, 2024	
Period	1600 - 1800
Peak Hour	1645 - 1745

* the Peak Hour Diagram does not include Bikes

Session Parameters

(Drop Down Menu)

Peak Hour

Volume

All vehicles

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
1645 - 1700	1	2	0	-	0	3	2	3	81	-	0	86	130	11	3	-	0	144	0	7	2	-	0	9	242
1700 - 1715	1	2	0	-	0	3	2	2	85	-	0	89	150	3	2	-	0	155	0	5	0	-	0	5	252
1715 - 1730	1	5	1	-	0	7	2	4	109	-	0	115	141	6	2	-	0	149	1	7	1	-	0	9	280
1730 - 1745	1	3	0	-	0	4	0	4	104	-	0	108	143	6	1	-	0	150	0	8	1	-	0	9	271
Total	4	12	1	0	0	17	6	13	379	0	0	398	564	26	8	0	0	598	1	27	4	0	0	32	1045
Approach %	23.53	70.59	5.88	0.00	0.00	-	1.51	3.27	95.23	0.00	0.00	-	94.31	4.35	1.34	0.00	0.00	-	3.13	84.38	12.50	0.00	0.00	-	
PHF	1.00	0.60	0.25	0.00	0.00	**0.61**	0.75	0.81	0.87	0.00	0.00	**0.87**	0.94	0.59	0.67	0.00	0.00	**0.96**	0.25	0.84	0.50	0.00	0.00	**0.89**	**0.93**

Passenger Vehicles (1-3)

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
1645 - 1700	1	2	0	-	0	3	2	3	81	-	0	86	128	10	3	-	0	141	0	6	2	-	0	8	238
1700 - 1715	1	2	0	-	0	3	1	2	84	-	0	87	145	3	2	-	0	150	0	5	0	-	0	5	245
1715 - 1730	1	5	1	-	0	7	2	4	107	-	0	113	141	6	2	-	0	149	1	7	1	-	0	9	278
1730 - 1745	1	3	0	-	0	4	0	4	103	-	0	107	143	6	1	-	0	150	0	8	1	-	0	9	270
Total	4	12	1	0	0	17	5	13	375	0	0	393	557	25	8	0	0	590	1	26	4	0	0	31	1031
Approach %	23.53	70.59	5.88	0.00	0.00	-	1.27	3.31	95.42	0.00	0.00	-	94.41	4.24	1.36	0.00	0.00	-	3.23	83.87	12.90	0.00	0.00	-	
PHF	1.00	0.60	0.25	0.00	0.00	**0.61**	0.63	0.81	0.88	0.00	0.00	**0.87**	0.96	0.63	0.67	0.00	0.00	**0.98**	0.25	0.81	0.50	0.00	0.00	**0.86**	**0.93**

Single Unit Trucks (4-7)

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
1645 - 1700	0	0	0	-	0	0	0	0	0	-	0	0	2	1	0	-	0	3	0	1	0	-	0	1	4
1700 - 1715	0	0	0	-	0	0	1	0	1	-	0	2	4	0	0	-	0	4	0	0	0	-	0	0	6
1715 - 1730	0	0	0	-	0	0	0	0	1	-	0	1	0	0	0	-	0	0	0	0	0	-	0	0	1
1730 - 1745	0	0	0	-	0	0	0	0	1	-	0	1	0	0	0	-	0	0	0	0	0	-	0	0	1
Total	0	0	0	0	0	0	1	0	3	0	0	4	6	1	0	0	0	7	0	1	0	0	0	1	12
Approach %	0.00	0.00	0.00	0.00	0.00	-	25.00	0.00	75.00	0.00	0.00	-	85.71	14.29	0.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.25	0.00	0.75	0.00	0.00	**0.50**	0.38	0.25	0.00	0.00	0.00	**0.44**	0.00	0.25	0.00	0.00	0.00	**0.25**	**0.50**

Combination Trucks (8-13)

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
1645 - 1700	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
1700 - 1715	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	0	1	0	0	0	-	0	0	1
1715 - 1730	0	0	0	-	0	0	0	0	1	-	0	1	0	0	0	-	0	0	0	0	0	-	0	0	1
1730 - 1745	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	2
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	0.00	-	100.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.25	0.00	0.00	**0.25**	0.25	0.00	0.00	0.00	0.00	**0.25**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.50**

Bikes

	Northbound						Southbound						Eastbound						Westbound						
	Antioch Church Rd						Sardis Rd (North)						Sardis Rd (West)						Allison Rd						
	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Left	Thru	Right		U-Turn	App	Int
Time	2.1	2.2	2.3		2.4	Total	2.5	2.6	2.7		2.8	Total	2.9	2.10	2.11		2.12	Total	2.13	2.14	2.15		2.16	Total	Total
1645 - 1700	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
1700 - 1715	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
1715 - 1730	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
1730 - 1745	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**

Classified Turn Movement Count || All vehicles

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.343790°, -83.891043°
Click here for Map

Weather
Fair
74°F
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0700 - 0900 (Weekday 2h Session) (05-01-2024)
All vehicles

	Northbound					Southbound					Eastbound					Westbound					
	Antioch Church Rd					Sardis Rd (North)					Sardis Rd (West)					Allison Rd					
	Left	Thru	Right	U-Turn	App	Left	Thru	Right	U-Turn	App	Left	Thru	Right	U-Turn	App	Left	Thru	Right	U-Turn	App	Int
TIME	2.1	2.2	2.3	2.4	Total	2.5	2.6	2.7	2.8	Total	2.9	2.10	2.11	2.12	Total	2.13	2.14	2.15	2.16	Total	Total
0700 - 0715	0	0	0	0	0	0	0	113	0	113	44	1	2	0	47	0	7	1	0	8	168
0715 - 0730	2	0	0	0	2	0	1	109	0	110	67	5	1	0	73	0	7	1	0	8	193
0730 - 0745	2	4	1	0	7	0	2	157	0	159	56	3	2	0	61	0	15	2	0	17	244
0745 - 0800	2	1	0	0	3	2	0	113	0	115	88	4	0	0	92	0	14	0	0	14	224
Hourly Total	6	5	1	0	**12**	2	3	492	0	**497**	255	13	5	0	**273**	0	43	4	0	**47**	**829**
0800 - 0815	0	2	0	0	2	1	0	115	0	116	107	5	0	0	112	0	13	2	0	15	245
0815 - 0830	0	0	0	0	0	3	1	120	0	124	102	5	1	0	108	0	5	2	0	7	239
0830 - 0845	1	0	0	0	1	0	0	84	0	84	66	8	0	0	74	0	8	0	0	8	167
0845 - 0900	1	2	0	0	3	0	0	62	0	62	57	11	2	0	70	0	4	3	0	7	142
Hourly Total	2	4	0	0	**6**	4	1	381	0	**386**	332	29	3	0	**364**	0	30	7	0	**37**	**793**
Grand Total	8	9	1	0	**18**	6	4	873	0	**883**	587	42	8	0	**637**	0	73	11	0	**84**	**1622**
Approach %	44.44	50.00	5.56	0.00	-	0.68	0.45	98.87	0.00	-	92.15	6.59	1.26	0.00	-	0.00	86.90	13.10	0.00	-	
Intersection %	0.49	0.55	0.06	0.00	1.11	0.37	0.25	53.82	0.00	54.44	36.19	2.59	0.49	0.00	39.27	0.00	4.50	0.68	0.00	5.18	
Heavy Vehicle %	0	0	0	-	**0**	17	0	3	-	**3**	4	5	0	-	**4**	-	1	18	-	**4**	**3**
PHF	0.50	0.44	0.25	0.00	**0.43**	0.50	0.38	0.80	0.00	**0.81**	0.82	0.85	0.38	0.00	**0.83**	0.00	0.78	0.75	0.00	**0.78**	**0.97**

1600 - 1800 (Weekday 2h Session) (05-01-2024)
All vehicles

	Northbound					Southbound					Eastbound					Westbound					
	Antioch Church Rd					Sardis Rd (North)					Sardis Rd (West)					Allison Rd					
	Left	Thru	Right	U-Turn	App	Left	Thru	Right	U-Turn	App	Left	Thru	Right	U-Turn	App	Left	Thru	Right	U-Turn	App	Int
TIME	2.1	2.2	2.3	2.4	Total	2.5	2.6	2.7	2.8	Total	2.9	2.10	2.11	2.12	Total	2.13	2.14	2.15	2.16	Total	Total
1600 - 1615	0	0	0	0	0	1	1	95	0	97	112	12	1	0	125	0	8	1	0	9	231
1615 - 1630	0	2	0	0	2	2	2	82	0	86	109	13	4	0	126	0	8	0	0	8	222
1630 - 1645	1	2	1	0	4	1	1	96	0	98	116	9	1	0	126	0	6	0	0	6	234
1645 - 1700	1	2	0	0	3	2	3	81	0	86	130	11	3	0	144	0	7	2	0	9	242
Hourly Total	2	6	1	0	**9**	6	7	354	0	**367**	467	45	9	0	**521**	0	29	3	0	**32**	**929**
1700 - 1715	1	2	0	0	3	2	2	85	0	89	150	3	2	0	155	0	5	0	0	5	252
1715 - 1730	1	5	1	0	7	2	4	109	0	115	141	6	2	0	149	1	7	1	0	9	280
1730 - 1745	1	3	0	0	4	0	4	104	0	108	143	6	1	0	150	0	8	1	0	9	271
1745 - 1800	1	2	1	0	4	1	3	97	0	101	111	9	1	0	121	0	9	0	0	9	235
Hourly Total	4	12	2	0	**18**	5	13	395	0	**413**	545	24	6	0	**575**	1	29	2	0	**32**	**1038**
Grand Total	6	18	3	0	**27**	11	20	749	0	**780**	1012	69	15	0	**1096**	1	58	5	0	**64**	**1967**
Approach %	22.22	66.67	11.11	0.00	-	1.41	2.56	96.03	0.00	-	92.34	6.30	1.37	0.00	-	1.56	90.63	7.81	0.00	-	
Intersection %	0.31	0.92	0.15	0.00	1.37	0.56	1.02	38.08	0.00	39.65	51.45	3.51	0.76	0.00	55.72	0.05	2.95	0.25	0.00	3.25	
Heavy Vehicle %	0	0	0	-	**0**	18	0	2	-	**2**	2	3	0	-	**2**	0	3	0	-	**3**	**2**
PHF	1.00	0.60	0.25	0.00	**0.61**	0.75	0.81	0.87	0.00	**0.87**	0.94	0.59	0.67	0.00	**0.96**	0.25	0.84	0.50	0.00	**0.89**	**0.93**

Classified Turn Movement Count || Passenger Vehicles (1-3)

Marr Traffic DATA COLLECTION
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Hall County, GA

Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.343790°, -83.891043°
Click here for Map

Weather
Fair
74°F
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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Passenger Vehicles (1-3)

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	111	0	111	43	1	2	0	46	0	7	1	0	8	165
0715 - 0730	2	0	0	0	2	0	1	106	0	107	64	5	1	0	70	0	7	1	0	8	187
0730 - 0745	2	4	1	0	7	0	2	153	0	155	54	2	2	0	58	0	15	1	0	16	236
0745 - 0800	2	1	0	0	3	1	0	107	0	108	86	4	0	0	90	0	14	0	0	14	215
Hourly Total	6	5	1	0	**12**	1	3	477	0	**481**	247	12	5	0	**264**	0	43	3	0	**46**	**803**
0800 - 0815	0	2	0	0	2	1	0	112	0	113	101	4	0	0	105	0	12	2	0	14	234
0815 - 0830	0	0	0	0	0	3	1	116	0	120	99	5	1	0	105	0	5	2	0	7	232
0830 - 0845	1	0	0	0	1	0	0	83	0	83	63	8	0	0	71	0	8	0	0	8	163
0845 - 0900	1	2	0	0	3	0	0	61	0	61	53	11	2	0	66	0	4	2	0	6	136
Hourly Total	2	4	0	0	**6**	4	1	372	0	**377**	316	28	3	0	**347**	0	29	6	0	**35**	**765**
Grand Total	8	9	1	0	**18**	5	4	849	0	**858**	563	40	8	0	**611**	0	72	9	0	**81**	**1568**
Approach %	44.44	50.00	5.56	0.00	-	0.58	0.47	98.95	0.00	-	92.14	6.55	1.31	0.00	-	0.00	88.89	11.11	0.00	-	
Intersection %	0.51	0.57	0.06	0.00	1.15	0.32	0.26	54.15	0.00	54.72	35.91	2.55	0.51	0.00	38.97	0.00	4.59	0.57	0.00	5.17	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Passenger Vehicles (1-3)

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
1600 - 1615	0	0	0	0	0	1	1	92	0	94	105	12	1	0	118	0	8	1	0	9	221
1615 - 1630	0	2	0	0	2	2	2	80	0	84	104	12	4	0	120	0	7	0	0	7	213
1630 - 1645	1	2	1	0	4	0	1	93	0	94	114	9	1	0	124	0	6	0	0	6	228
1645 - 1700	1	2	0	0	3	2	3	81	0	86	128	10	3	0	141	0	6	2	0	8	238
Hourly Total	2	6	1	0	**9**	5	7	346	0	**358**	451	43	9	0	**503**	0	27	3	0	**30**	**900**
1700 - 1715	1	2	0	0	3	1	2	84	0	87	145	3	2	0	150	0	5	0	0	5	245
1715 - 1730	1	5	1	0	7	2	4	107	0	113	141	6	2	0	149	1	7	1	0	9	278
1730 - 1745	1	3	0	0	4	0	4	103	0	107	143	6	1	0	150	0	8	1	0	9	270
1745 - 1800	1	2	1	0	4	1	3	94	0	98	111	9	1	0	121	0	9	0	0	9	232
Hourly Total	4	12	2	0	**18**	4	13	388	0	**405**	540	24	6	0	**570**	1	29	2	0	**32**	**1025**
Grand Total	6	18	3	0	**27**	9	20	734	0	**763**	991	67	15	0	**1073**	1	56	5	0	**62**	**1925**
Approach %	22.22	66.67	11.11	0.00	-	1.18	2.62	96.20	0.00	-	92.36	6.24	1.40	0.00	-	1.61	90.32	8.06	0.00	-	
Intersection %	0.31	0.94	0.16	0.00	1.40	0.47	1.04	38.13	0.00	39.64	51.48	3.48	0.78	0.00	55.74	0.05	2.91	0.26	0.00	3.22	

Classified Turn Movement Count || Single Unit Trucks (4-7)

Hall County, GA

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Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
Wednesday, May 1, 2024

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Single Unit Trucks (4-7)

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	2	0	2	1	0	0	0	1	0	0	0	0	0	3
0715 - 0730	0	0	0	0	0	0	0	2	0	2	3	0	0	0	3	0	0	0	0	0	5
0730 - 0745	0	0	0	0	0	0	0	4	0	4	1	1	0	0	2	0	0	1	0	1	7
0745 - 0800	0	0	0	0	0	1	0	6	0	7	2	0	0	0	2	0	0	0	0	0	9
Hourly Total	0	0	0	0	**0**	1	0	14	0	**15**	7	1	0	0	**8**	0	0	1	0	**1**	**24**
0800 - 0815	0	0	0	0	0	0	0	3	0	3	6	1	0	0	7	0	1	0	0	1	11
0815 - 0830	0	0	0	0	0	0	0	2	0	2	2	0	0	0	2	0	0	0	0	0	4
0830 - 0845	0	0	0	0	0	0	0	1	0	1	3	0	0	0	3	0	0	0	0	0	4
0845 - 0900	0	0	0	0	0	0	0	1	0	1	3	0	0	0	3	0	0	1	0	1	5
Hourly Total	0	0	0	0	**0**	0	0	7	0	**7**	14	1	0	0	**15**	0	1	1	0	**2**	**24**
Grand Total	0	0	0	0	**0**	1	0	21	0	**22**	21	2	0	0	**23**	0	1	2	0	**3**	**48**
Approach %	0.00	0.00	0.00	0.00	-	4.55	0.00	95.45	0.00	-	91.30	8.70	0.00	0.00	-	0.00	33.33	66.67	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	2.08	0.00	43.75	0.00	45.83	43.75	4.17	0.00	0.00	47.92	0.00	2.08	4.17	0.00	6.25	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Single Unit Trucks (4-7)

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	3	0	3	6	0	0	0	6	0	0	0	0	0	9
1615 - 1630	0	0	0	0	0	0	0	1	0	1	5	1	0	0	6	0	1	0	0	1	8
1630 - 1645	0	0	0	0	0	1	0	2	0	3	1	0	0	0	1	0	0	0	0	0	4
1645 - 1700	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	1	0	0	1	4
Hourly Total	0	0	0	0	**0**	1	0	6	0	**7**	14	2	0	0	**16**	0	2	0	0	**2**	**25**
1700 - 1715	0	0	0	0	0	1	0	1	0	2	4	0	0	0	4	0	0	0	0	0	6
1715 - 1730	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
1730 - 1745	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
1745 - 1800	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	0	0	0	**0**	1	0	6	0	**7**	4	0	0	0	**4**	0	0	0	0	**0**	**11**
Grand Total	0	0	0	0	**0**	2	0	12	0	**14**	18	2	0	0	**20**	0	2	0	0	**2**	**36**
Approach %	0.00	0.00	0.00	0.00	-	14.29	0.00	85.71	0.00	-	90.00	10.00	0.00	0.00	-	0.00	100.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	5.56	0.00	33.33	0.00	38.89	50.00	5.56	0.00	0.00	55.56	0.00	5.56	0.00	0.00	5.56	

Classified Turn Movement Count || Combination Trucks (8-13)

Hall County, GA

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Allison Rd

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Combination Trucks (8-13)

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
0730 - 0745	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	1	0	**1**	1	0	0	0	**1**	0	0	0	0	**0**	**2**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	2	0	2	1	0	0	0	1	0	0	0	0	0	3
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Hourly Total	0	0	0	0	**0**	0	0	2	0	**2**	2	0	0	0	**2**	0	0	0	0	**0**	**4**
Grand Total	0	0	0	0	**0**	0	0	3	0	**3**	3	0	0	0	**3**	0	0	0	0	**0**	**6**
Approach %	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	-	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	50.00	50.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Combination Trucks (8-13)

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
1615 - 1630	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
1630 - 1645	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	2
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	2	0	**2**	2	0	0	0	**2**	0	0	0	0	**0**	**4**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
1715 - 1730	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	1	0	**1**	1	0	0	0	**1**	0	0	0	0	**0**	**2**
Grand Total	0	0	0	0	**0**	0	0	3	0	**3**	3	0	0	0	**3**	0	0	0	0	**0**	**6**
Approach %	0.00	0.00	0.00	0.00	-	0.00	0.00	100.00	0.00	-	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	50.00	50.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || Bikes

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.343790°, -83.891043°
Click here for Map

Weather
Fair
74°F
Click here for Detailed Weather

0700 - 0900 (Weekday 2h Session) (05-01-2024)
Bikes

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**
Grand Total	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**
Approach %	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Bikes

	Northbound (Antioch Church Rd)					Southbound (Sardis Rd (North))					Eastbound (Sardis Rd (West))					Westbound (Allison Rd)					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**
Grand Total	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**
Approach %	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || All Trucks (4-13)

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.343790°, -83.891043°
Click here for Map

Weather
Fair
74°F
Click here for Detailed Weather

0700 - 0900 (Weekday 2h Session) (05-01-2024)
All Trucks (4-13)

	Northbound					Southbound					Eastbound					Westbound					
	Antioch Church Rd					Sardis Rd (North)					Sardis Rd (West)					Allison Rd					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	2	0	2	1	0	0	0	1	0	0	0	0	0	3
0715 - 0730	0	0	0	0	0	0	0	3	0	3	3	0	0	0	3	0	0	0	0	0	6
0730 - 0745	0	0	0	0	0	0	0	4	0	4	2	1	0	0	3	0	0	1	0	1	8
0745 - 0800	0	0	0	0	0	1	0	6	0	7	2	0	0	0	2	0	0	0	0	0	9
Hourly Total	0	0	0	0	**0**	1	0	15	0	**16**	8	1	0	0	**9**	0	0	1	0	**1**	**26**
0800 - 0815	0	0	0	0	0	0	0	3	0	3	6	1	0	0	7	0	1	0	0	1	11
0815 - 0830	0	0	0	0	0	0	0	4	0	4	3	0	0	0	3	0	0	0	0	0	7
0830 - 0845	0	0	0	0	0	0	0	1	0	1	3	0	0	0	3	0	0	0	0	0	4
0845 - 0900	0	0	0	0	0	0	0	1	0	1	4	0	0	0	4	0	0	1	0	1	6
Hourly Total	0	0	0	0	**0**	0	0	9	0	**9**	16	1	0	0	**17**	0	1	1	0	**2**	**28**
Grand Total	0	0	0	0	**0**	1	0	24	0	**25**	24	2	0	0	**26**	0	1	2	0	**3**	**54**
Approach %	0.00	0.00	0.00	0.00	-	4.00	0.00	96.00	0.00	-	92.31	7.69	0.00	0.00	-	0.00	33.33	66.67	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	1.85	0.00	44.44	0.00	46.30	44.44	3.70	0.00	0.00	48.15	0.00	1.85	3.70	0.00	5.56	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
All Trucks (4-13)

	Northbound					Southbound					Eastbound					Westbound					
	Antioch Church Rd					Sardis Rd (North)					Sardis Rd (West)					Allison Rd					
TIME	Left 2.1	Thru 2.2	Right 2.3	U-Turn 2.4	App Total	Left 2.5	Thru 2.6	Right 2.7	U-Turn 2.8	App Total	Left 2.9	Thru 2.10	Right 2.11	U-Turn 2.12	App Total	Left 2.13	Thru 2.14	Right 2.15	U-Turn 2.16	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	3	0	3	7	0	0	0	7	0	0	0	0	0	10
1615 - 1630	0	0	0	0	0	0	0	2	0	2	5	1	0	0	6	0	1	0	0	1	9
1630 - 1645	0	0	0	0	0	1	0	3	0	4	2	0	0	0	2	0	0	0	0	0	6
1645 - 1700	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	1	0	0	1	4
Hourly Total	0	0	0	0	**0**	1	0	8	0	**9**	16	2	0	0	**18**	0	2	0	0	**2**	**29**
1700 - 1715	0	0	0	0	0	1	0	1	0	2	5	0	0	0	5	0	0	0	0	0	7
1715 - 1730	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2
1730 - 1745	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
1745 - 1800	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	0	0	0	**0**	1	0	7	0	**8**	5	0	0	0	**5**	0	0	0	0	**0**	**13**
Grand Total	0	0	0	0	**0**	2	0	15	0	**17**	21	2	0	0	**23**	0	2	0	0	**2**	**42**
Approach %	0.00	0.00	0.00	0.00	-	11.76	0.00	88.24	0.00	-	91.30	8.70	0.00	0.00	-	0.00	100.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	4.76	0.00	35.71	0.00	40.48	50.00	4.76	0.00	0.00	54.76	0.00	4.76	0.00	0.00	4.76	

Crosswalk Counts || Pedestrians

Marr Traffic DATA COLLECTION

Hall County, GA

www.marrtraffic.com

Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.343790°, -83.891043°
Click here for Map

Weather
Fair
74°F
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0700 - 0900 (Weekday 2h Session) (05-01-2024)

Pedestrians

	Northbound			Southbound			Eastbound			Westbound			
	Antioch Church Rd			Sardis Rd (North)			Sardis Rd (West)			Allison Rd			
TIME	EB 2a	WB 2b	App Total	EB 2c	WB 2d	App Total	NB 2e	SB 2f	App Total	NB 2g	SB 2h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)

Pedestrians

	Northbound			Southbound			Eastbound			Westbound			
	Antioch Church Rd			Sardis Rd (North)			Sardis Rd (West)			Allison Rd			
TIME	EB 2a	WB 2b	App Total	EB 2c	WB 2d	App Total	NB 2e	SB 2f	App Total	NB 2g	SB 2h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Crosswalk Counts || Bikes

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 2
Antioch Church Rd
Sardis Rd (North)
Sardis Rd (West)
Allison Rd

Date
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Lat/Long
34.343790°, -83.891043°
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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Bikes

	Northbound			Southbound			Eastbound			Westbound			
	Antioch Church Rd			Sardis Rd (North)			Sardis Rd (West)			Allison Rd			
TIME	EB 2a	WB 2b	App Total	EB 2c	WB 2d	App Total	NB 2e	SB 2f	App Total	NB 2g	SB 2h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Bikes

	Northbound			Southbound			Eastbound			Westbound			
	Antioch Church Rd			Sardis Rd (North)			Sardis Rd (West)			Allison Rd			
TIME	EB 2a	WB 2b	App Total	EB 2c	WB 2d	App Total	NB 2e	SB 2f	App Total	NB 2g	SB 2h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Crosswalk Counts || Motorized Vehicles

Marr Traffic DATA COLLECTION

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Hall County, GA

Site 2
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Sardis Rd (West)
Allison Rd

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0700 - 0900 (Weekday 2h Session) (05-01-2024)
Motorized Vehicles

	Northbound			Southbound			Eastbound			Westbound			
	Antioch Church Rd			Sardis Rd (North)			Sardis Rd (West)			Allison Rd			
TIME	EB 2a	WB 2b	App Total	EB 2c	WB 2d	App Total	NB 2e	SB 2f	App Total	NB 2g	SB 2h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (05-01-2024)
Motorized Vehicles

	Northbound			Southbound			Eastbound			Westbound			
	Antioch Church Rd			Sardis Rd (North)			Sardis Rd (West)			Allison Rd			
TIME	EB 2a	WB 2b	App Total	EB 2c	WB 2d	App Total	NB 2e	SB 2f	App Total	NB 2g	SB 2h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Start Date: 5/1/2024	Sardis Rd (West) Eastbound			Allison Rd Westbound			Antioch Church Rd Northbound			Sardis Rd (North) Southbound			
Time	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**	**Total**
15 Minute Totals													
12:00 AM - 12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM - 12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM - 12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM - 01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 AM - 01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM - 01:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM - 01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 AM - 02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 AM - 02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM - 02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM - 02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM - 03:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM - 03:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 AM - 03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 AM - 03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM - 04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 AM - 04:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM - 04:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 AM - 04:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 AM - 05:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 AM - 05:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 AM - 05:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 AM - 05:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 AM - 06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 AM - 06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM - 06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM - 06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM - 07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM - 07:15 AM	44	1	2	0	7	1	0	0	0	0	0	113	168
07:15 AM - 07:30 AM	67	5	1	0	7	1	2	0	0	0	1	109	193
07:30 AM - 07:45 AM	56	3	2	0	15	2	2	4	1	0	2	157	244
07:45 AM - 08:00 AM	88	4	0	0	14	0	2	1	0	2	0	113	224
08:00 AM - 08:15 AM	107	5	0	0	13	2	0	2	0	1	0	115	245
08:15 AM - 08:30 AM	102	5	1	0	5	2	0	0	0	3	1	120	239
08:30 AM - 08:45 AM	66	8	0	0	8	0	1	0	0	0	0	84	167
08:45 AM - 09:00 AM	57	11	2	0	4	3	1	2	0	0	0	62	142
09:00 AM - 09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM - 09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM - 09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM - 10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM - 10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM - 10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM - 10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM - 11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM - 11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM - 11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM - 11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM - 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM - 12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM - 12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM - 12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM - 01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM - 01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM - 01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM - 01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM - 02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM - 02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM - 02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM - 02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM - 03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM - 03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM - 03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM - 03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM - 04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM - 04:15 PM	112	12	1	0	8	1	0	0	0	1	1	95	231
04:15 PM - 04:30 PM	109	13	4	0	8	0	0	2	0	2	2	82	222
04:30 PM - 04:45 PM	116	9	1	0	6	0	1	2	1	1	1	96	234
04:45 PM - 05:00 PM	130	11	3	0	7	2	1	2	0	2	3	81	242
05:00 PM - 05:15 PM	150	3	2	0	5	0	1	2	0	2	2	85	252
05:15 PM - 05:30 PM	141	6	2	1	7	1	1	5	1	2	4	109	280
05:30 PM - 05:45 PM	143	6	1	0	8	1	1	3	0	0	4	104	271
05:45 PM - 06:00 PM	111	9	1	0	9	0	1	2	1	1	3	97	235
06:00 PM - 06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM - 06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM - 06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM - 07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM - 07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM - 07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM - 07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM - 08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 PM - 08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 PM - 08:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM - 08:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 PM - 09:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 PM - 09:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 PM - 09:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 PM - 09:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 PM - 10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM - 10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM - 10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM - 10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM - 11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM - 11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM - 11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM - 11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM - 12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Bi-Directional Class Count || NB EB 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.350554°, -83.886026°

Weather
Fair
74°F

Click here for Detailed Weather

Click here for Map

0000 - 2400 (Weekday 24h Session) (05-01-2024)
NB EB 15min

	Eastbound (Movement 1.1)													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0145 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0415 - 0430	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0430 - 0445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0445 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0515 - 0530	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0530 - 0545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0545 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0615 - 0630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0630 - 0645	0	1	1	1	0	0	0	0	0	0	0	0	0	3	
0645 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
0700 - 0715	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
0715 - 0730	0	1	1	1	0	0	0	0	0	0	0	0	0	3	
0730 - 0745	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
0745 - 0800	0	5	1	0	0	0	0	0	0	0	0	0	0	6	15
0800 - 0815	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
0815 - 0830	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
0830 - 0845	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0845 - 0900	0	1	1	0	0	0	0	0	0	0	0	0	0	2	11
0900 - 0915	1	3	2	0	0	0	0	0	0	0	0	0	0	6	
0915 - 0930	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0930 - 0945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0945 - 1000	0	1	1	0	0	0	0	0	0	0	0	0	0	2	9
1000 - 1015	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1015 - 1030	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1030 - 1045	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1045 - 1100	0	2	0	0	0	0	0	0	0	0	0	0	0	2	7
1100 - 1115	0	2	2	0	0	1	0	0	0	0	0	0	0	5	
1115 - 1130	0	0	1	0	1	0	0	0	0	0	0	0	0	2	
1130 - 1145	0	1	2	0	0	0	0	0	0	0	0	0	0	3	
1145 - 1200	0	3	1	0	0	0	0	0	0	0	0	0	0	4	14
1200 - 1215	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
1215 - 1230	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1230 - 1245	0	1	2	0	0	1	0	0	0	0	0	0	0	4	
1245 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
1300 - 1315	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
1315 - 1330	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
1330 - 1345	0	2	0	0	1	0	0	0	0	0	0	0	0	3	
1345 - 1400	0	1	0	0	0	0	0	0	0	0	0	0	0	1	9
1400 - 1415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1415 - 1430	0	1	2	0	0	0	0	0	0	0	0	0	0	3	
1430 - 1445	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
1445 - 1500	0	0	2	1	0	0	0	0	0	0	0	0	0	3	11
1500 - 1515	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
1515 - 1530	0	5	0	1	0	0	0	0	0	0	0	0	0	6	
1530 - 1545	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
1545 - 1600	0	5	0	0	0	0	0	0	0	0	0	0	0	5	17
1600 - 1615	0	5	2	1	0	0	0	0	0	0	0	0	0	8	
1615 - 1630	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1630 - 1645	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
1645 - 1700	0	7	0	0	0	0	0	0	0	0	0	0	0	7	20
1700 - 1715	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1715 - 1730	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
1730 - 1745	0	1	4	0	0	0	0	0	0	0	0	0	0	5	
1745 - 1800	0	4	1	0	1	0	0	0	0	0	0	0	0	6	19
1800 - 1815	0	2	2	0	0	0	0	0	0	0	0	0	0	4	
1815 - 1830	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1830 - 1845	1	4	0	0	0	0	0	0	0	0	0	0	0	5	
1845 - 1900	0	4	0	0	0	0	0	0	0	0	0	0	0	4	14
1900 - 1915	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
1915 - 1930	1	1	0	0	0	0	0	0	0	0	0	0	0	2	
1930 - 1945	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1945 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
2000 - 2015	0	6	1	0	0	0	0	0	0	0	0	0	0	7	
2015 - 2030	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
2030 - 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2045 - 2100	0	1	1	0	0	0	0	0	0	0	0	0	0	2	14
2100 - 2115	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
2115 - 2130	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2130 - 2145	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2145 - 2200	0	1	0	0	0	0	0	0	0	0	0	0	0	1	7
2200 - 2215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2215 - 2230	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
2230 - 2245	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2245 - 2300	0	3	0	0	0	0	0	0	0	0	0	0	0	3	8
2300 - 2315	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2315 - 2330	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2330 - 2345	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

Session Total	3	136	53	5	3	2	0	0	0	0	0	0	0	202
Session Average	0.03	1.42	0.55	0.05	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10
Session Percentage	1.49	67.33	26.24	2.48	1.49	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	0815 - 0915	0730 - 0830	0700 - 0800	0630 - 0730	-	-	-	-	-	-	-	-	-	0730 - 0830
AM Peak Volume	1	12	4	2	0	0	0	0	0	0	0	0	0	16

Noon Peak Hour	-	1430 - 1530	1400 - 1500	1430 - 1530	1030 - 1130	1015 - 1115	-	-	-	-	-	-	-	1430 - 1530
Noon Peak Volume	0	11	7	2	1	1	0	0	0	0	0	0	0	18

PM Peak Hour	1830 - 1930	1630 - 1730	1715 - 1815	1515 - 1615	1700 - 1800	-	-	-	-	-	-	-	-	1515 - 1615
PM Peak Volume	2	16	7	2	1	0	0	0	0	0	0	0	0	21

Bi-Directional Class Count || SB WB 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.350554°, -83.886026°

Click here for Map

Weather
Fair
74°F

Click here for Detailed Weather

0000 - 2400 (Weekday 24h Session) (05-01-2024)
SB WB 15min

	Westbound (Movement 1,2)													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0145 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0315	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0415 - 0430	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0430 - 0445	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0445 - 0500	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0515 - 0530	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0530 - 0545	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0545 - 0600	0	2	0	0	0	0	0	0	0	0	0	0	0	2	4
0600 - 0615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0615 - 0630	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0630 - 0645	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0645 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0700 - 0715	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0715 - 0730	0	2	0	1	0	0	0	0	0	0	0	0	0	3	
0730 - 0745	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0745 - 0800	0	3	1	0	0	0	0	0	0	0	0	0	0	4	10
0800 - 0815	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0815 - 0830	0	2	0	0	0	1	0	0	0	0	0	0	0	3	
0830 - 0845	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
0845 - 0900	0	1	3	0	0	0	0	0	0	0	0	0	0	4	13
0900 - 0915	0	0	4	0	0	0	0	0	0	0	0	0	0	4	
0915 - 0930	0	1	3	0	0	0	0	0	0	0	0	0	0	4	
0930 - 0945	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0945 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
1000 - 1015	0	2	3	0	0	1	0	0	0	0	0	0	0	6	
1015 - 1030	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
1030 - 1045	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1045 - 1100	0	2	1	0	0	0	0	0	0	0	0	0	0	3	16
1100 - 1115	0	0	1	0	1	0	0	0	0	0	0	0	0	2	
1115 - 1130	0	1	3	0	0	1	0	0	0	0	0	0	0	5	
1130 - 1145	0	1	4	0	0	0	0	0	0	0	0	0	0	5	
1145 - 1200	0	3	0	0	0	0	0	0	0	0	0	0	0	3	15
1200 - 1215	0	3	0	1	0	0	0	0	0	0	0	0	0	4	
1215 - 1230	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1230 - 1245	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1245 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	2	11
1300 - 1315	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1315 - 1330	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1330 - 1345	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1345 - 1400	0	1	0	0	0	0	0	0	0	0	0	0	0	1	6
1400 - 1415	0	3	0	0	1	0	0	0	0	0	0	0	0	4	
1415 - 1430	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1430 - 1445	1	1	2	0	1	0	0	0	0	0	0	0	0	5	
1445 - 1500	0	1	1	0	0	0	0	0	0	0	0	0	0	2	13
1500 - 1515	0	3	3	0	0	0	0	0	0	0	0	0	0	6	
1515 - 1530	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1530 - 1545	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
1545 - 1600	0	4	1	0	0	0	0	0	0	0	0	0	0	5	15
1600 - 1615	0	4	3	0	1	0	0	0	0	0	0	0	0	8	
1615 - 1630	0	2	5	0	0	0	0	0	0	0	0	0	0	7	
1630 - 1645	0	3	1	0	1	0	0	0	0	0	0	0	0	5	
1645 - 1700	0	4	1	0	0	0	0	0	0	0	0	0	0	5	25
1700 - 1715	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1715 - 1730	0	2	0	0	1	0	0	0	0	0	0	0	0	3	
1730 - 1745	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
1745 - 1800	0	1	2	0	0	0	0	0	0	0	0	0	0	3	10
1800 - 1815	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
1815 - 1830	0	4	2	0	0	0	0	0	0	0	0	0	0	6	
1830 - 1845	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
1845 - 1900	0	0	2	0	0	0	0	0	0	0	0	0	0	2	15
1900 - 1915	1	1	0	0	1	0	0	0	0	0	0	0	0	3	
1915 - 1930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1930 - 1945	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1945 - 2000	0	2	0	0	0	0	0	0	0	0	0	0	0	2	7
2000 - 2015	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
2015 - 2030	1	3	0	0	0	0	0	0	0	0	0	0	0	4	
2030 - 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2045 - 2100	0	1	0	0	0	0	0	0	0	0	0	0	0	1	10
2100 - 2115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2115 - 2130	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
2130 - 2145	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
2145 - 2200	0	1	0	0	0	0	0	0	0	0	0	0	0	1	6
2200 - 2215	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2215 - 2230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2230 - 2245	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2245 - 2300	0	1	0	0	0	0	0	0	0	0	0	0	0	1	4
2300 - 2315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2315 - 2330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2330 - 2345	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Session Total	3	121	64	2	7	3	0	0	0	0	0	0	0	200
Session Average	0.03	1.26	0.67	0.02	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.08
Session Percentage	1.50	60.50	32.00	1.00	3.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0745 - 0845	0830 - 0930	0630 - 0730	-	0730 - 0830	-	-	-	-	-	-	-	0830 - 0930
AM Peak Volume	0	11	10	1	0	1	0	0	0	0	0	0	0	16

Noon Peak Hour	1345 - 1445	1130 - 1230	1045 - 1145	1115 - 1215	1345 - 1445	1000 - 1100	-	-	-	-	-	-	-	1115 - 1215
Noon Peak Volume	1	10	9	1	2	1	0	0	0	0	0	0	0	17

PM Peak Hour	1815 - 1915	1545 - 1645	1545 - 1645	-	1545 - 1645	-	-	-	-	-	-	-	-	1545 - 1645
PM Peak Volume	1	13	10	0	2	0	0	0	0	0	0	0	0	25

Bi-Directional Class Count || Bi-Directional 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.350554°, -83.886026°

Weather
Fair
74°F

Click here for Detailed Weather

0000 - 2400 (Weekday 24h Session) (05-01-2024)
Bi-Directional 15min

	Bi-Directional 15min													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0145 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0315	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0415 - 0430	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0430 - 0445	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0445 - 0500	0	1	0	0	0	0	0	0	0	0	0	0	0	1	3
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0515 - 0530	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0530 - 0545	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0545 - 0600	0	2	0	0	0	0	0	0	0	0	0	0	0	2	4
0600 - 0615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0615 - 0630	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0630 - 0645	0	2	1	1	0	0	0	0	0	0	0	0	0	4	
0645 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
0700 - 0715	0	2	2	0	0	0	0	0	0	0	0	0	0	4	
0715 - 0730	0	3	1	2	0	0	0	0	0	0	0	0	0	6	
0730 - 0745	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
0745 - 0800	0	8	2	0	0	0	0	0	0	0	0	0	0	10	25
0800 - 0815	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
0815 - 0830	0	6	1	0	0	1	0	0	0	0	0	0	0	8	
0830 - 0845	0	6	0	0	0	0	0	0	0	0	0	0	0	6	
0845 - 0900	0	2	4	0	0	0	0	0	0	0	0	0	0	6	24
0900 - 0915	1	3	6	0	0	0	0	0	0	0	0	0	0	10	
0915 - 0930	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
0930 - 0945	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
0945 - 1000	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19
1000 - 1015	0	3	4	0	0	1	0	0	0	0	0	0	0	8	
1015 - 1030	0	6	2	0	0	0	0	0	0	0	0	0	0	8	
1030 - 1045	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1045 - 1100	0	4	1	0	0	0	0	0	0	0	0	0	0	5	23
1100 - 1115	0	2	3	0	1	1	0	0	0	0	0	0	0	7	
1115 - 1130	0	1	4	0	1	1	0	0	0	0	0	0	0	7	
1130 - 1145	0	2	6	0	0	0	0	0	0	0	0	0	0	8	
1145 - 1200	0	6	1	0	0	0	0	0	0	0	0	0	0	7	29
1200 - 1215	0	6	2	1	0	0	0	0	0	0	0	0	0	9	
1215 - 1230	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
1230 - 1245	0	1	3	0	0	1	0	0	0	0	0	0	0	5	
1245 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	2	21
1300 - 1315	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1315 - 1330	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
1330 - 1345	0	3	1	0	1	0	0	0	0	0	0	0	0	5	
1345 - 1400	0	2	0	0	0	0	0	0	0	0	0	0	0	2	15
1400 - 1415	0	3	0	0	1	0	0	0	0	0	0	0	0	4	
1415 - 1430	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
1430 - 1445	1	3	5	0	1	0	0	0	0	0	0	0	0	10	
1445 - 1500	0	1	3	1	0	0	0	0	0	0	0	0	0	5	24
1500 - 1515	0	7	3	0	0	0	0	0	0	0	0	0	0	10	
1515 - 1530	0	6	1	1	0	0	0	0	0	0	0	0	0	8	
1530 - 1545	0	2	2	0	0	0	0	0	0	0	0	0	0	4	
1545 - 1600	0	9	1	0	0	0	0	0	0	0	0	0	0	10	32
1600 - 1615	0	9	5	1	1	0	0	0	0	0	0	0	0	16	
1615 - 1630	0	3	6	0	0	0	0	0	0	0	0	0	0	9	
1630 - 1645	0	5	2	0	1	0	0	0	0	0	0	0	0	8	
1645 - 1700	0	11	1	0	0	0	0	0	0	0	0	0	0	12	45
1700 - 1715	0	4	2	0	0	0	0	0	0	0	0	0	0	6	
1715 - 1730	0	6	0	0	1	0	0	0	0	0	0	0	0	7	
1730 - 1745	0	3	4	0	0	0	0	0	0	0	0	0	0	7	
1745 - 1800	0	5	3	0	1	0	0	0	0	0	0	0	0	9	29
1800 - 1815	0	5	2	0	0	0	0	0	0	0	0	0	0	7	
1815 - 1830	0	5	2	0	0	0	0	0	0	0	0	0	0	7	
1830 - 1845	1	8	0	0	0	0	0	0	0	0	0	0	0	9	
1845 - 1900	0	4	2	0	0	0	0	0	0	0	0	0	0	6	29
1900 - 1915	1	4	2	0	1	0	0	0	0	0	0	0	0	8	
1915 - 1930	1	1	0	0	0	0	0	0	0	0	0	0	0	2	
1930 - 1945	0	1	2	0	0	0	0	0	0	0	0	0	0	3	
1945 - 2000	0	2	0	0	0	0	0	0	0	0	0	0	0	2	15
2000 - 2015	0	9	3	0	0	0	0	0	0	0	0	0	0	12	
2015 - 2030	1	6	2	0	0	0	0	0	0	0	0	0	0	9	
2030 - 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2045 - 2100	0	2	1	0	0	0	0	0	0	0	0	0	0	3	24
2100 - 2115	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
2115 - 2130	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
2130 - 2145	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
2145 - 2200	0	2	0	0	0	0	0	0	0	0	0	0	0	2	13
2200 - 2215	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2215 - 2230	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
2230 - 2245	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2245 - 2300	0	4	0	0	0	0	0	0	0	0	0	0	0	4	12
2300 - 2315	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2315 - 2330	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2330 - 2345	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

Session Total	6	257	117	7	10	5	0	0	0	0	0	0	0	402
Session Average	0.06	2.68	1.22	0.07	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.19
Session Percentage	1.49	63.93	29.10	1.74	2.49	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	0815 - 0915	0745 - 0845	0830 - 0930	0630 - 0730	-	0730 - 0830	-	-	-	-	-	-	-	0815 - 0915
AM Peak Volume	1	23	13	3	0	1	0	0	0	0	0	0	0	30

Noon Peak Hour	1345 - 1445	1130 - 1230	1045 - 1145	1430 - 1530	1030 - 1130	1030 - 1130	-	-	-	-	-	-	-	1430 - 1530
Noon Peak Volume	1	18	14	2	2	2	0	0	0	0	0	0	0	33

PM Peak Hour	1830 - 1930	1600 - 1700	1530 - 1630	1515 - 1615	1545 - 1645	-	-	-	-	-	-	-	-	1600 - 1700
PM Peak Volume	3	28	14	2	2	0	0	0	0	0	0	0	0	45

Bi-Directional Class Count || Volume Summary 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.350554°, -83.886026°

Weather
Fair
74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
Volume Summary 15min

TIME	Volume Summary 15min EB	WB	15min Total	60min Total
0000 - 0015	1	4	**5**	
0015 - 0030	0	0	**0**	
0030 - 0045	0	0	**0**	
0045 - 0100	0	0	**0**	**5**
0100 - 0115	0	0	**0**	
0115 - 0130	0	0	**0**	
0130 - 0145	0	0	**0**	
0145 - 0200	1	0	**1**	**1**
0200 - 0215	0	0	**0**	
0215 - 0230	0	0	**0**	
0230 - 0245	0	0	**0**	
0245 - 0300	0	0	**0**	**0**
0300 - 0315	0	1	**1**	
0315 - 0330	0	0	**0**	
0330 - 0345	0	0	**0**	
0345 - 0400	0	0	**0**	**1**
0400 - 0415	0	0	**0**	
0415 - 0430	1	0	**1**	
0430 - 0445	0	1	**1**	
0445 - 0500	0	1	**1**	**3**
0500 - 0515	0	0	**0**	
0515 - 0530	0	0	**0**	
0530 - 0545	0	2	**2**	
0545 - 0600	0	2	**2**	**4**
0600 - 0615	0	0	**0**	
0615 - 0630	0	1	**1**	
0630 - 0645	3	1	**4**	
0645 - 0700	0	0	**0**	**5**
0700 - 0715	3	1	**4**	
0715 - 0730	3	3	**6**	
0730 - 0745	3	2	**5**	
0745 - 0800	6	4	**10**	**25**
0800 - 0815	2	2	**4**	
0815 - 0830	5	3	**8**	
0830 - 0845	2	4	**6**	
0845 - 0900	2	4	**6**	**24**
0900 - 0915	6	4	**10**	
0915 - 0930	1	4	**5**	
0930 - 0945	0	2	**2**	
0945 - 1000	2	0	**2**	**19**
1000 - 1015	2	6	**8**	
1015 - 1030	2	6	**8**	
1030 - 1045	1	1	**2**	
1045 - 1100	2	3	**5**	**23**
1100 - 1115	5	2	**7**	
1115 - 1130	2	5	**7**	
1130 - 1145	3	5	**8**	
1145 - 1200	4	3	**7**	**29**

Time	Volume Summary 15min EB	WB	15min Total	60min Total
1200 - 1215	5	4	**9**	
1215 - 1230	1	4	**5**	
1230 - 1245	4	1	**5**	
1245 - 1300	0	2	**2**	**21**
1300 - 1315	2	2	**4**	
1315 - 1330	3	1	**4**	
1330 - 1345	3	2	**5**	
1345 - 1400	1	1	**2**	**15**
1400 - 1415	0	4	**4**	
1415 - 1430	3	2	**5**	
1430 - 1445	5	5	**10**	
1445 - 1500	3	2	**5**	**24**
1500 - 1515	4	6	**10**	
1515 - 1530	6	2	**8**	
1530 - 1545	2	2	**4**	
1545 - 1600	5	5	**10**	**32**
1600 - 1615	8	8	**16**	
1615 - 1630	2	7	**9**	
1630 - 1645	3	5	**8**	
1645 - 1700	7	5	**12**	**45**
1700 - 1715	4	2	**6**	
1715 - 1730	4	3	**7**	
1730 - 1745	5	2	**7**	
1745 - 1800	6	3	**9**	**29**
1800 - 1815	4	3	**7**	
1815 - 1830	1	6	**7**	
1830 - 1845	5	4	**9**	
1845 - 1900	4	2	**6**	**29**
1900 - 1915	5	3	**8**	
1915 - 1930	2	0	**2**	
1930 - 1945	1	2	**3**	
1945 - 2000	0	2	**2**	**15**
2000 - 2015	7	5	**12**	
2015 - 2030	5	4	**9**	
2030 - 2045	0	0	**0**	
2045 - 2100	2	1	**3**	**24**
2100 - 2115	2	0	**2**	
2115 - 2130	2	3	**5**	
2130 - 2145	2	2	**4**	
2145 - 2200	1	1	**2**	**13**
2200 - 2215	0	2	**2**	
2215 - 2230	4	0	**4**	
2230 - 2245	1	1	**2**	
2245 - 2300	3	1	**4**	**12**
2300 - 2315	1	0	**1**	
2315 - 2330	1	0	**1**	
2330 - 2345	1	1	**2**	
2345 - 0000	0	0	**0**	**4**

Session Total	202	200	**402**
Session Average	2.10	2.08	**4.19**
Session Percentage	50.25	49.75	

Bi-Directional Class Count || NB EB 60min

Hall County, GA

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Weather
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74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
NB EB 60min

	Eastbound (Movement 1.1)													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0100 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0400 - 0500	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0600 - 0700	0	1	1	1	0	0	0	0	0	0	0	0	0	**3**
0700 - 0800	0	10	4	1	0	0	0	0	0	0	0	0	0	**15**
0800 - 0900	0	8	3	0	0	0	0	0	0	0	0	0	0	**11**
0900 - 1000	1	5	3	0	0	0	0	0	0	0	0	0	0	**9**
1000 - 1100	0	5	2	0	0	0	0	0	0	0	0	0	0	**7**
1100 - 1200	0	6	6	0	1	1	0	0	0	0	0	0	0	**14**
1200 - 1300	0	5	4	0	0	1	0	0	0	0	0	0	0	**10**
1300 - 1400	0	8	0	0	1	0	0	0	0	0	0	0	0	**9**
1400 - 1500	0	3	7	1	0	0	0	0	0	0	0	0	0	**11**
1500 - 1600	0	14	2	1	0	0	0	0	0	0	0	0	0	**17**
1600 - 1700	0	15	4	1	0	0	0	0	0	0	0	0	0	**20**
1700 - 1800	0	12	6	0	1	0	0	0	0	0	0	0	0	**19**
1800 - 1900	1	11	2	0	0	0	0	0	0	0	0	0	0	**14**
1900 - 2000	1	4	3	0	0	0	0	0	0	0	0	0	0	**8**
2000 - 2100	0	10	4	0	0	0	0	0	0	0	0	0	0	**14**
2100 - 2200	0	6	1	0	0	0	0	0	0	0	0	0	0	**7**
2200 - 2300	0	7	1	0	0	0	0	0	0	0	0	0	0	**8**
2300 - 2400	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**

Session Total	3	136	53	5	3	2	0	0	0	0	0	0	0	**202**
Session Average	0.13	5.67	2.21	0.21	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**8.42**
Session Percentage	1.49	67.33	26.24	2.48	1.49	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	0900 - 1000	0700 - 0800	0700 - 0800	0600 - 0700	-	-	-	-	-	-	-	-	-	**0700 - 0800**
AM Peak Volume	1	10	4	1	0	0	0	0	0	0	0	0	0	**15**

Noon Peak Hour	-	1300 - 1400	1400 - 1500	1400 - 1500	1100 - 1200	1100 - 1200	-	-	-	-	-	-	-	**1100 - 1200**
Noon Peak Volume	0	8	7	1	1	1	0	0	0	0	0	0	0	**14**

PM Peak Hour	1800 - 1900	1600 - 1700	1700 - 1800	1500 - 1600	1700 - 1800	-	-	-	-	-	-	-	-	**1600 - 1700**
PM Peak Volume	1	15	6	1	1	0	0	0	0	0	0	0	0	**20**

Bi-Directional Class Count || SB WB 60min

Hall County, GA

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east of Sardis Rd

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Wednesday, May 1, 2024

Lat/Long
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Weather
Fair
74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
SB WB 60min

	Westbound (Movement 1.2)													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	3	1	0	0	0	0	0	0	0	0	0	0	**4**
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0400 - 0500	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0500 - 0600	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**
0600 - 0700	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0700 - 0800	0	7	2	1	0	0	0	0	0	0	0	0	0	**10**
0800 - 0900	0	9	3	0	0	1	0	0	0	0	0	0	0	**13**
0900 - 1000	0	3	7	0	0	0	0	0	0	0	0	0	0	**10**
1000 - 1100	0	9	6	0	0	1	0	0	0	0	0	0	0	**16**
1100 - 1200	0	5	8	0	1	1	0	0	0	0	0	0	0	**15**
1200 - 1300	0	6	4	1	0	0	0	0	0	0	0	0	0	**11**
1300 - 1400	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
1400 - 1500	1	6	4	0	2	0	0	0	0	0	0	0	0	**13**
1500 - 1600	0	10	5	0	0	0	0	0	0	0	0	0	0	**15**
1600 - 1700	0	13	10	0	2	0	0	0	0	0	0	0	0	**25**
1700 - 1800	0	6	3	0	1	0	0	0	0	0	0	0	0	**10**
1800 - 1900	0	11	4	0	0	0	0	0	0	0	0	0	0	**15**
1900 - 2000	1	4	1	0	1	0	0	0	0	0	0	0	0	**7**
2000 - 2100	1	7	2	0	0	0	0	0	0	0	0	0	0	**10**
2100 - 2200	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
2200 - 2300	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**
2300 - 2400	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**

Session Total	3	121	64	2	7	3	0	0	0	0	0	0	0	**200**
Session Average	0.13	5.04	2.67	0.08	0.29	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**8.33**
Session Percentage	1.50	60.50	32.00	1.00	3.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0800 - 0900	0900 - 1000	0700 - 0800	-	0800 - 0900	-	-	-	-	-	-	-	**0800 - 0900**
AM Peak Volume	0	9	7	1	0	1	0	0	0	0	0	0	0	**13**

Noon Peak Hour	1400 - 1500	1000 - 1100	1100 - 1200	1200 - 1300	1400 - 1500	1000 - 1100	-	-	-	-	-	-	-	**1000 - 1100**
Noon Peak Volume	1	9	8	1	2	1	0	0	0	0	0	0	0	**16**

PM Peak Hour	1900 - 2000	1600 - 1700	1600 - 1700	-	1600 - 1700	-	-	-	-	-	-	-	-	**1600 - 1700**
PM Peak Volume	1	13	10	0	2	0	0	0	0	0	0	0	0	**25**

Bi-Directional Class Count || Bi-Directional 60min

Hall County, GA

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
Bi-Directional 60min

	Bi-Directional 60min													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	Total
0000 - 0100	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**
0100 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0400 - 0500	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**
0500 - 0600	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**
0600 - 0700	0	3	1	1	0	0	0	0	0	0	0	0	0	**5**
0700 - 0800	0	17	6	2	0	0	0	0	0	0	0	0	0	**25**
0800 - 0900	0	17	6	0	0	1	0	0	0	0	0	0	0	**24**
0900 - 1000	1	8	10	0	0	0	0	0	0	0	0	0	0	**19**
1000 - 1100	0	14	8	0	0	1	0	0	0	0	0	0	0	**23**
1100 - 1200	0	11	14	0	2	2	0	0	0	0	0	0	0	**29**
1200 - 1300	0	11	8	1	0	1	0	0	0	0	0	0	0	**21**
1300 - 1400	0	12	2	0	1	0	0	0	0	0	0	0	0	**15**
1400 - 1500	1	9	11	1	2	0	0	0	0	0	0	0	0	**24**
1500 - 1600	0	24	7	1	0	0	0	0	0	0	0	0	0	**32**
1600 - 1700	0	28	14	1	2	0	0	0	0	0	0	0	0	**45**
1700 - 1800	0	18	9	0	2	0	0	0	0	0	0	0	0	**29**
1800 - 1900	1	22	6	0	0	0	0	0	0	0	0	0	0	**29**
1900 - 2000	2	8	4	0	1	0	0	0	0	0	0	0	0	**15**
2000 - 2100	1	17	6	0	0	0	0	0	0	0	0	0	0	**24**
2100 - 2200	0	10	3	0	0	0	0	0	0	0	0	0	0	**13**
2200 - 2300	0	11	1	0	0	0	0	0	0	0	0	0	0	**12**
2300 - 2400	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**

Session Total	6	257	117	7	10	5	0	0	0	0	0	0	0	**402**
Session Average	0.25	10.71	4.88	0.29	0.42	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**16.75**
Session Percentage	1.49	63.93	29.10	1.74	2.49	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	0900 - 1000	0700 - 0800	0900 - 1000	0700 - 0800	-	0800 - 0900	-	-	-	-	-	-	-	**0700 - 0800**
AM Peak Volume	1	17	10	2	0	1	0	0	0	0	0	0	0	**25**

Noon Peak Hour	1400 - 1500	1000 - 1100	1100 - 1200	1200 - 1300	1100 - 1200	1100 - 1200	-	-	-	-	-	-	-	**1100 - 1200**
Noon Peak Volume	1	14	14	1	2	2	0	0	0	0	0	0	0	**29**

PM Peak Hour	1900 - 2000	1600 - 1700	1600 - 1700	1500 - 1600	1600 - 1700	-	-	-	-	-	-	-	-	**1600 - 1700**
PM Peak Volume	2	28	14	1	2	0	0	0	0	0	0	0	0	**45**

Bi-Directional Class Count || Volume Summary 60min

Hall County, GA

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Weather
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74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
Volume Summary 60min

	Volume Summary 60min		
TIME	EB	WB	**Total**
0000 - 0100	1	4	**5**
0100 - 0200	1	0	**1**
0200 - 0300	0	0	**0**
0300 - 0400	0	1	**1**
0400 - 0500	1	2	**3**
0500 - 0600	0	4	**4**
0600 - 0700	3	2	**5**
0700 - 0800	15	10	**25**
0800 - 0900	11	13	**24**
0900 - 1000	9	10	**19**
1000 - 1100	7	16	**23**
1100 - 1200	14	15	**29**

	Volume Summary 60min		
Time	EB	WB	**Total**
1200 - 1300	10	11	**21**
1300 - 1400	9	6	**15**
1400 - 1500	11	13	**24**
1500 - 1600	17	15	**32**
1600 - 1700	20	25	**45**
1700 - 1800	19	10	**29**
1800 - 1900	14	15	**29**
1900 - 2000	8	7	**15**
2000 - 2100	14	10	**24**
2100 - 2200	7	6	**13**
2200 - 2300	8	4	**12**
2300 - 2400	3	1	**4**

Session Total	202	200	**402**
Session Average	8.42	8.33	**16.75**
Session Percentage	50.25	49.75	

Bi-Directional Class Count || Graphical Analysis NB EB

Hall County, GA

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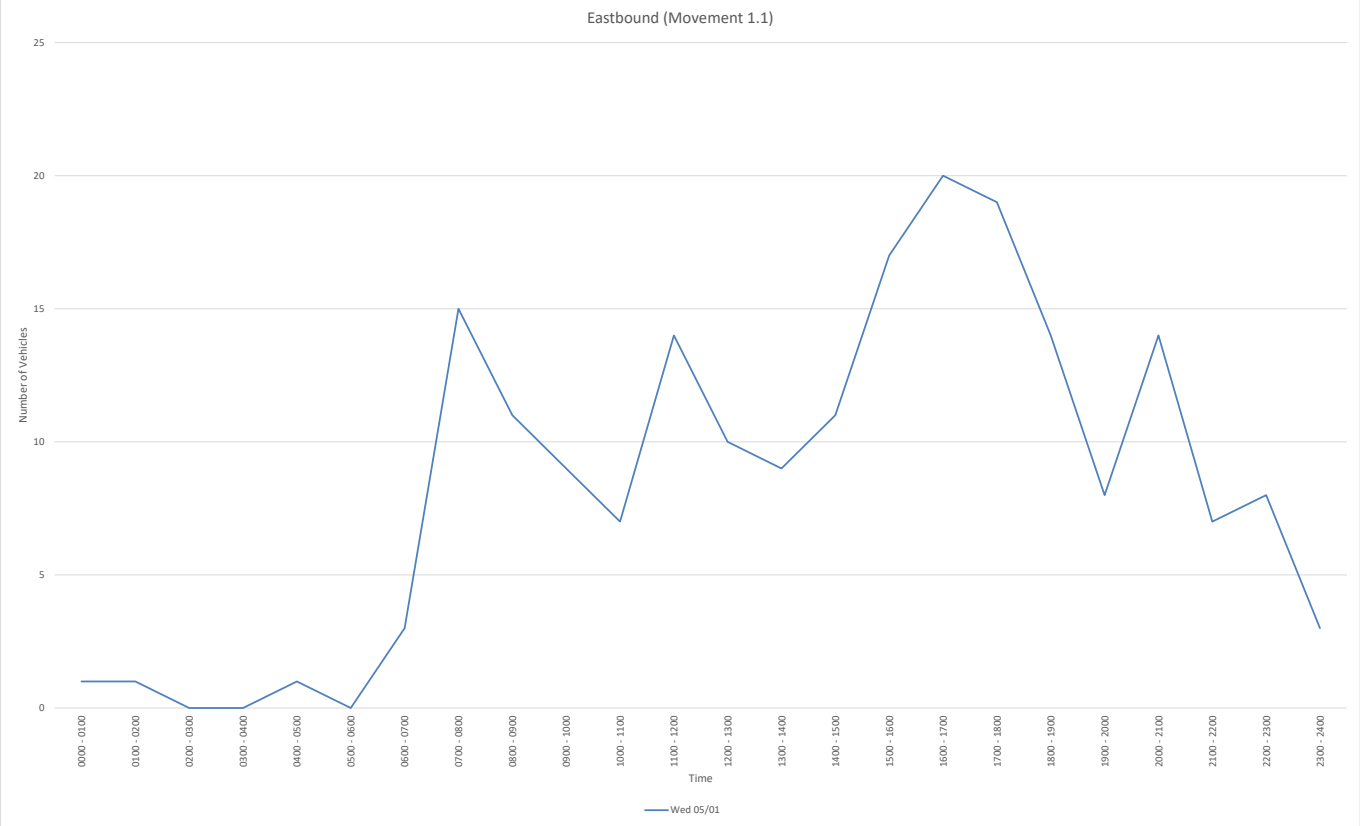
0000 - 2400 (Weekday 24h Session)
Graphical Analysis NB EB



Time	Wed 05/01						
0000 - 0100	1						
0100 - 0200	1						
0200 - 0300	0						
0300 - 0400	0						
0400 - 0500	1						
0500 - 0600	0						
0600 - 0700	3						
0700 - 0800	15						
0800 - 0900	11						
0900 - 1000	9						
1000 - 1100	7						
1100 - 1200	14						
1200 - 1300	10						
1300 - 1400	9						
1400 - 1500	11						
1500 - 1600	17						
1600 - 1700	20						
1700 - 1800	19						
1800 - 1900	14						
1900 - 2000	8						
2000 - 2100	14						
2100 - 2200	7						
2200 - 2300	8						
2300 - 2400	3						

Daily Total	202						

Bi-Directional Class Count || Graphical Analysis SB WB

Hall County, GA

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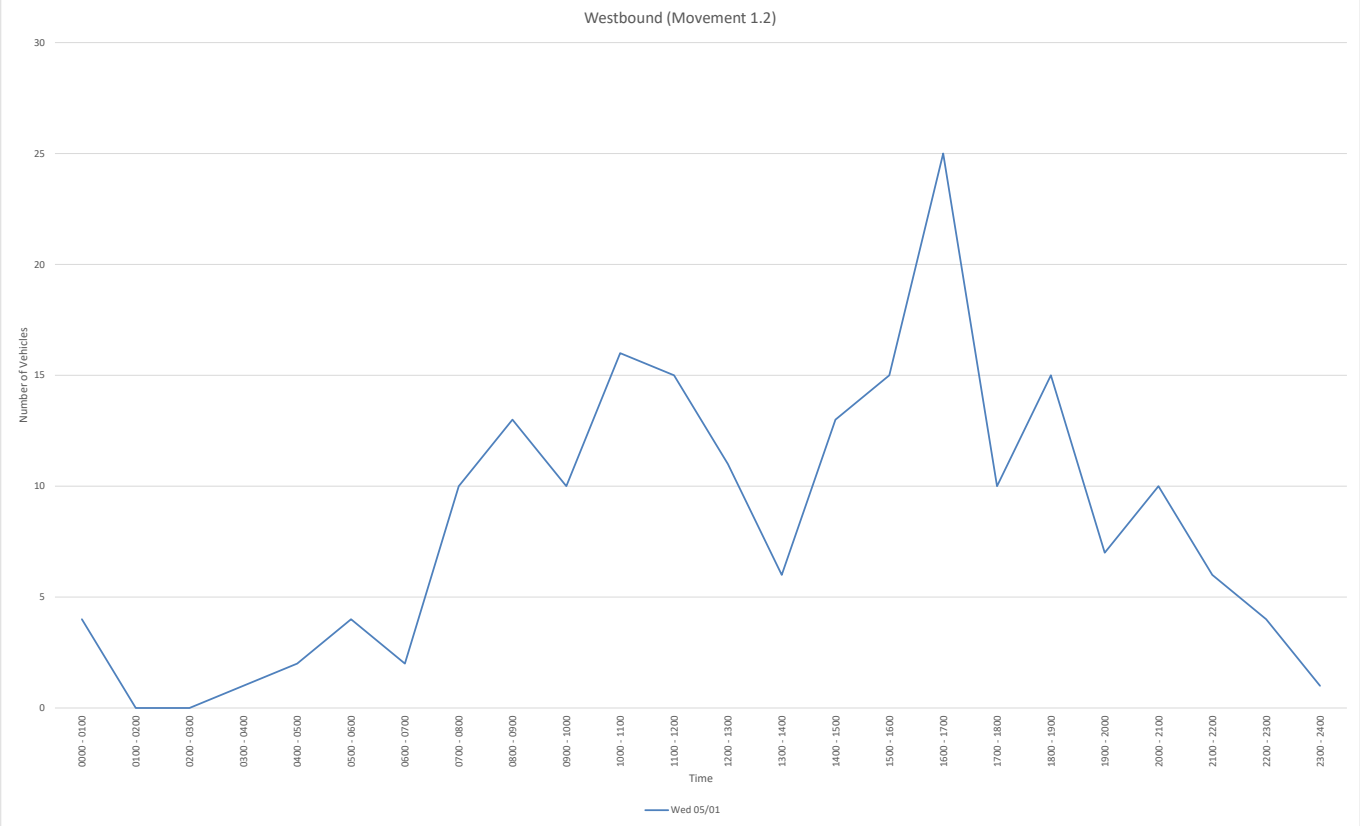
0000 - 2400 (Weekday 24h Session)
Graphical Analysis SB WB



Time	Wed 05/01						
0000 - 0100	4						
0100 - 0200	0						
0200 - 0300	0						
0300 - 0400	1						
0400 - 0500	2						
0500 - 0600	4						
0600 - 0700	2						
0700 - 0800	10						
0800 - 0900	13						
0900 - 1000	10						
1000 - 1100	16						
1100 - 1200	15						
1200 - 1300	11						
1300 - 1400	6						
1400 - 1500	13						
1500 - 1600	15						
1600 - 1700	25						
1700 - 1800	10						
1800 - 1900	15						
1900 - 2000	7						
2000 - 2100	10						
2100 - 2200	6						
2200 - 2300	4						
2300 - 2400	1						

Daily Total	200						

Bi-Directional Class Count || Graphical Analysis BiDir

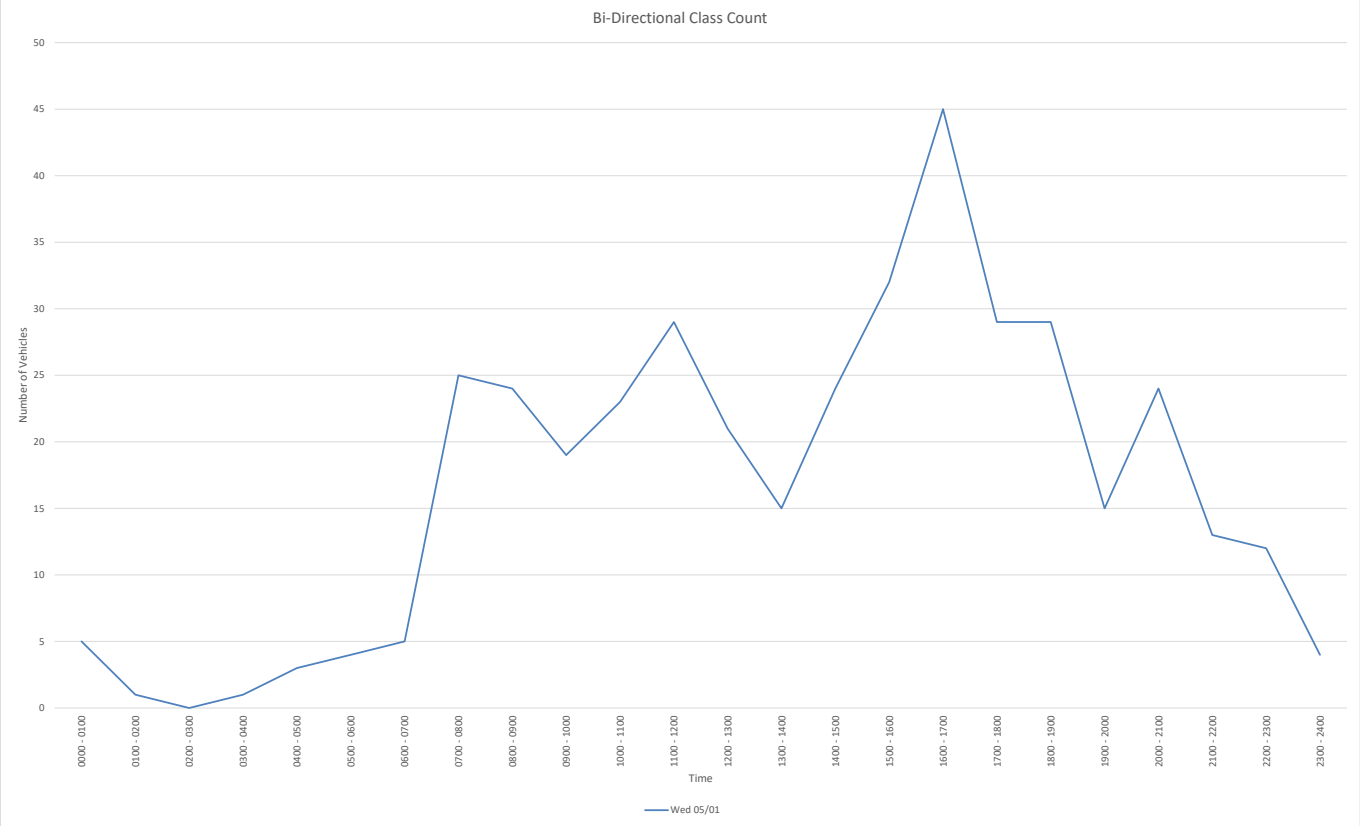
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Lat/Long
34.350554°, -83.886026°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis BiDir



Time	Wed 05/01						
0000 - 0100	5						
0100 - 0200	1						
0200 - 0300	0						
0300 - 0400	1						
0400 - 0500	3						
0500 - 0600	4						
0600 - 0700	5						
0700 - 0800	25						
0800 - 0900	24						
0900 - 1000	19						
1000 - 1100	23						
1100 - 1200	29						
1200 - 1300	21						
1300 - 1400	15						
1400 - 1500	24						
1500 - 1600	32						
1600 - 1700	45						
1700 - 1800	29						
1800 - 1900	29						
1900 - 2000	15						
2000 - 2100	24						
2100 - 2200	13						
2200 - 2300	12						
2300 - 2400	4						

Daily Total	402						

EB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	1	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	1	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 AM	1	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	2	2	0	0	1	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	1	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	1	2	0	0	1	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	2	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	1	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	0	2	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	0	2	1	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	5	0	1	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	0	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	5	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	5	2	1	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	7	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	1	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	0	4	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	0	2	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	1	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	1	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

WB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	2	0	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	2	0	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	1	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 AM	0	0	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	1	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	2	3	0	0	1	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	1	3	0	0	1	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	1	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	3	0	1	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	0	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	3	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	1	1	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	3	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	4	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	2	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	3	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	2	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	0	1	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	0	0	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	1	1	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	1	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

EB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	1	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	1	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	3	2	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	4	3	2	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	5	3	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	10	4	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	9	4	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	12	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	12	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	8	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 AM	1	10	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 AM	1	7	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 AM	1	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 AM	1	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	3	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	4	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	5	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	6	3	0	0	1	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	5	3	0	1	1	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	5	5	0	1	1	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	6	6	0	1	1	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	7	6	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	8	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	8	5	0	0	1	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	5	4	0	0	1	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	4	2	0	0	1	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	6	2	0	0	1	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	7	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	8	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	6	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	4	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	4	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	3	7	1	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	7	7	1	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	0	11	5	2	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	9	4	2	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	14	2	1	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	15	4	2	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	11	5	1	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	13	4	1	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	15	4	1	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	13	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	16	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	15	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	12	6	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	11	7	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	8	7	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	1	11	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	1	11	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	1	12	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	2	12	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	1	8	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	1	4	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	1	7	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	9	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	9	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	10	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	0	5	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	6	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	5	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	7	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	8	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	6	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	6	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

WB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	5	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	3	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	4	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	7	2	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	9	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	9	1	0	0	1	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	11	1	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	9	3	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	7	7	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	6	10	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	4	10	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 AM	0	3	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	5	6	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	9	4	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	7	5	0	0	1	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	9	6	0	0	1	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	7	4	0	1	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	3	6	0	1	1	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	4	9	0	1	1	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	5	8	0	1	1	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	8	7	1	0	1	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	10	5	1	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	9	2	1	0	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	6	4	1	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	4	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	2	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	3	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	6	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	6	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	1	6	3	0	2	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	1	6	4	0	2	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	1	6	7	0	1	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	1	6	7	0	1	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	7	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	10	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	11	5	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	12	9	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	13	10	0	2	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	13	10	0	2	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	10	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	10	3	0	2	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	9	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	6	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	8	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	10	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	0	12	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	0	11	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	1	9	4	0	1	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	1	5	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	1	2	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	1	4	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	0	6	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	1	9	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	1	8	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	1	7	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	1	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	6	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

Bi-Directional Class Count || NB EB 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
NB EB 15min

	Eastbound (Movement 2.1)													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0030 - 0045	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
0100 - 0115	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0145 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0315	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0415 - 0430	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0430 - 0445	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0445 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0515 - 0530	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0530 - 0545	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0545 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0600 - 0615	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0615 - 0630	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0630 - 0645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0645 - 0700	0	3	0	0	0	0	0	0	0	0	0	0	0	3	5
0700 - 0715	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0715 - 0730	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
0730 - 0745	0	0	3	0	0	1	0	0	0	0	0	0	0	4	
0745 - 0800	0	2	3	1	0	0	0	0	0	0	0	0	0	6	15
0800 - 0815	0	4	1	0	0	1	0	0	0	0	0	0	0	6	
0815 - 0830	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
0830 - 0845	0	2	5	0	0	0	0	0	0	0	0	0	0	7	
0845 - 0900	0	6	2	0	0	0	0	0	0	0	0	0	0	8	27
0900 - 0915	0	2	1	0	1	1	0	0	0	0	0	0	0	5	
0915 - 0930	0	3	4	0	2	0	0	0	0	0	0	0	0	9	
0930 - 0945	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
0945 - 1000	0	5	0	0	0	0	0	0	0	0	0	0	0	5	21
1000 - 1015	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
1015 - 1030	0	5	2	0	0	0	0	0	0	0	0	0	0	7	
1030 - 1045	0	4	2	0	0	0	0	0	0	0	0	0	0	6	
1045 - 1100	0	4	1	0	1	0	0	0	0	0	0	0	0	6	25
1100 - 1115	0	2	3	0	1	0	0	0	0	0	0	0	0	6	
1115 - 1130	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
1130 - 1145	0	1	2	0	0	0	0	0	0	0	0	0	0	3	
1145 - 1200	0	6	0	1	0	0	0	0	0	0	0	0	0	7	21
1200 - 1215	0	5	3	0	0	0	0	0	0	0	0	0	0	8	
1215 - 1230	0	3	0	0	1	0	0	0	0	0	0	0	0	4	
1230 - 1245	0	6	1	0	0	0	0	0	0	0	0	0	0	7	
1245 - 1300	0	1	3	0	0	0	0	0	0	0	0	0	0	4	23
1300 - 1315	0	8	1	0	0	0	0	0	0	0	0	0	0	9	
1315 - 1330	0	4	3	0	0	0	0	0	0	0	0	0	0	7	
1330 - 1345	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
1345 - 1400	0	6	1	0	0	0	0	0	0	0	0	0	0	7	28
1400 - 1415	0	8	5	0	0	0	0	0	0	0	0	0	0	13	
1415 - 1430	0	9	1	0	0	0	0	0	0	0	0	0	0	10	
1430 - 1445	0	10	3	0	0	0	0	0	0	0	0	0	0	13	
1445 - 1500	0	9	3	0	0	0	0	0	0	0	0	0	0	12	48
1500 - 1515	0	5	1	0	1	0	0	0	0	0	0	0	0	7	
1515 - 1530	0	4	5	0	0	0	0	0	0	0	0	0	0	9	
1530 - 1545	0	12	5	0	1	0	0	0	0	0	0	0	0	18	
1545 - 1600	0	9	3	0	0	0	0	0	0	0	0	0	0	12	46
1600 - 1615	0	9	2	0	0	0	0	0	0	0	0	0	0	11	
1615 - 1630	0	10	4	0	1	0	0	0	0	0	0	0	0	15	
1630 - 1645	0	6	3	0	1	0	0	0	0	0	0	0	0	10	
1645 - 1700	0	7	5	0	1	0	0	0	0	0	0	0	0	13	49
1700 - 1715	0	3	1	0	1	0	0	0	0	0	0	0	0	5	
1715 - 1730	0	6	1	0	0	0	0	0	0	0	0	0	0	7	
1730 - 1745	0	3	3	0	0	0	0	0	0	0	0	0	0	6	
1745 - 1800	1	8	3	0	0	0	0	0	0	0	0	0	0	12	30
1800 - 1815	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
1815 - 1830	2	5	3	0	0	0	0	0	0	0	0	0	0	10	
1830 - 1845	0	6	2	0	0	0	0	0	0	0	0	0	0	8	
1845 - 1900	0	6	0	0	0	0	0	0	0	0	0	0	0	6	29
1900 - 1915	1	2	1	0	0	0	0	0	0	0	0	0	0	4	
1915 - 1930	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
1930 - 1945	0	7	2	0	0	0	0	0	0	0	0	0	0	9	
1945 - 2000	0	4	1	0	0	0	0	0	0	0	0	0	0	5	23
2000 - 2015	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
2015 - 2030	0	5	3	0	0	0	0	0	0	0	0	0	0	8	
2030 - 2045	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
2045 - 2100	0	3	0	0	0	0	0	0	0	0	0	0	0	3	17
2100 - 2115	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
2115 - 2130	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
2130 - 2145	0	6	1	0	0	0	0	0	0	0	0	0	0	7	
2145 - 2200	0	2	0	0	0	0	0	0	0	0	0	0	0	2	16
2200 - 2215	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2215 - 2230	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
2230 - 2245	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
2245 - 2300	0	1	0	0	0	0	0	0	0	0	0	0	0	1	8
2300 - 2315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2315 - 2330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2330 - 2345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Session Total	4	296	122	2	12	3	0	0	0	0	0	0	0	439
Session Average	0.04	3.08	1.27	0.02	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57
Session Percentage	0.91	67.43	27.79	0.46	2.73	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0945 - 1045	0830 - 0930	0700 - 0800	0830 - 0930	0715 - 0815	-	-	-	-	-	-	-	0830 - 0930
AM Peak Volume	0	19	12	1	3	2	0	0	0	0	0	0	0	29

Noon Peak Hour	-	1400 - 1500	1445 - 1545	1100 - 1200	1015 - 1115	-	-	-	-	-	-	-	-	1400 - 1500
Noon Peak Volume	0	36	14	1	2	0	0	0	0	0	0	0	0	48

PM Peak Hour	1730 - 1830	1530 - 1630	1515 - 1615	-	1615 - 1715	-	-	-	-	-	-	-	-	1530 - 1630
PM Peak Volume	3	40	15	0	4	0	0	0	0	0	0	0	0	56

Bi-Directional Class Count || SB WB 15min

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

Click here for Detailed Weather

Click here for Map

0000 - 2400 (Weekday 24h Session) (05-01-2024)
SB WB 15min

	Westbound (Movement 2,2)													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0145 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0215 - 0230	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0245 - 0300	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
0300 - 0315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0415 - 0430	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0430 - 0445	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
0445 - 0500	0	1	0	0	0	0	0	0	0	0	0	0	0	1	5
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0515 - 0530	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
0530 - 0545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0545 - 0600	0	1	1	0	0	0	0	0	0	0	0	0	0	2	6
0600 - 0615	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
0615 - 0630	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
0630 - 0645	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
0645 - 0700	0	9	3	1	0	0	0	0	0	0	0	0	0	13	25
0700 - 0715	0	7	4	0	0	0	0	0	0	0	0	0	0	11	
0715 - 0730	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
0730 - 0745	0	11	3	1	0	0	0	0	0	0	0	0	0	15	
0745 - 0800	0	10	4	0	0	0	0	0	0	0	0	0	0	14	44
0800 - 0815	0	10	5	1	0	0	0	0	0	0	0	0	0	16	
0815 - 0830	0	5	2	0	0	0	0	0	0	0	0	0	0	7	
0830 - 0845	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
0845 - 0900	0	3	3	0	0	1	0	0	0	0	0	0	0	7	34
0900 - 0915	0	10	1	0	0	0	0	0	0	0	0	0	0	11	
0915 - 0930	0	7	0	0	0	0	0	0	0	0	0	0	0	7	
0930 - 0945	0	6	3	0	0	0	0	0	0	0	0	0	0	9	
0945 - 1000	0	6	1	0	0	1	0	0	0	0	0	0	0	8	35
1000 - 1015	0	9	1	0	0	0	0	0	0	0	0	0	0	10	
1015 - 1030	0	2	3	0	0	0	0	0	0	0	0	0	0	5	
1030 - 1045	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1045 - 1100	0	3	0	0	0	0	0	0	0	0	0	0	0	3	20
1100 - 1115	0	6	3	0	0	0	0	0	0	0	0	0	0	9	
1115 - 1130	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
1130 - 1145	0	6	3	0	1	0	0	0	0	0	0	0	0	10	
1145 - 1200	0	5	0	0	0	0	0	0	0	0	0	0	0	5	29
1200 - 1215	0	2	4	0	1	0	0	0	0	0	0	0	0	7	
1215 - 1230	0	4	5	0	0	0	0	0	0	0	0	0	0	9	
1230 - 1245	0	7	1	0	0	0	0	0	0	0	0	0	0	8	
1245 - 1300	0	5	1	0	0	0	0	0	0	0	0	0	0	6	30
1300 - 1315	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
1315 - 1330	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
1330 - 1345	0	5	3	0	0	0	0	0	0	0	0	0	0	8	
1345 - 1400	0	8	1	0	0	0	0	0	0	0	0	0	0	9	26
1400 - 1415	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
1415 - 1430	0	11	1	0	0	0	0	0	0	0	0	0	0	12	
1430 - 1445	0	2	2	0	0	0	0	0	0	0	0	0	0	4	
1445 - 1500	0	2	1	1	0	0	0	0	0	0	0	0	0	4	26
1500 - 1515	0	4	2	0	0	0	0	0	0	0	0	0	0	6	
1515 - 1530	0	9	1	0	0	0	0	0	0	0	0	0	0	10	
1530 - 1545	0	4	2	0	1	0	0	0	0	0	0	0	0	7	
1545 - 1600	0	12	0	0	0	0	0	0	0	0	0	0	0	12	35
1600 - 1615	0	6	3	1	0	0	0	0	0	0	0	0	0	10	
1615 - 1630	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
1630 - 1645	0	6	2	0	0	0	0	0	0	0	0	0	0	8	
1645 - 1700	0	3	2	0	1	0	0	0	0	0	0	0	0	6	27
1700 - 1715	0	3	2	0	0	0	0	0	0	0	0	0	0	5	
1715 - 1730	0	7	2	0	0	0	0	0	0	0	0	0	0	9	
1730 - 1745	0	5	2	0	0	0	0	0	0	0	0	0	0	7	
1745 - 1800	0	5	5	0	0	0	0	0	0	0	0	0	0	10	31
1800 - 1815	0	6	0	0	0	0	0	0	0	0	0	0	0	6	
1815 - 1830	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
1830 - 1845	1	5	1	0	0	0	0	0	0	0	0	0	0	7	
1845 - 1900	0	1	3	0	0	0	0	0	0	0	0	0	0	4	21
1900 - 1915	0	4	2	0	0	0	0	0	0	0	0	0	0	6	
1915 - 1930	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1930 - 1945	0	2	2	0	0	0	0	0	0	0	0	0	0	4	
1945 - 2000	0	3	4	0	0	0	0	0	0	0	0	0	0	7	18
2000 - 2015	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
2015 - 2030	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
2030 - 2045	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
2045 - 2100	0	1	0	0	0	0	0	0	0	0	0	0	0	1	18
2100 - 2115	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
2115 - 2130	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2130 - 2145	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2145 - 2200	0	2	1	0	0	0	0	0	0	0	0	0	0	3	9
2200 - 2215	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2215 - 2230	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2230 - 2245	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2245 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2300 - 2315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2315 - 2330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2330 - 2345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Session Total	1	318	115	5	4	2	0	0	0	0	0	0	0	445
Session Average	0.01	3.31	1.20	0.05	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64
Session Percentage	0.22	71.46	25.84	1.12	0.90	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0730 - 0830	0730 - 0830	0645 - 0745	-	0800 - 0900	-	-	-	-	-	-	-	0730 - 0830
AM Peak Volume	0	36	14	2	0	1	0	0	0	0	0	0	0	52

Noon Peak Hour	-	1330 - 1430	1130 - 1230	1400 - 1500	1115 - 1215	-	-	-	-	-	-	-	-	1330 - 1430
Noon Peak Volume	0	29	12	1	2	0	0	0	0	0	0	0	0	35

PM Peak Hour	1745 - 1845	1515 - 1615	1700 - 1800	1515 - 1615	1500 - 1600	-	-	-	-	-	-	-	-	1515 - 1615
PM Peak Volume	1	31	11	1	1	0	0	0	0	0	0	0	0	39

Bi-Directional Class Count || Bi-Directional 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

Click here for Detailed Weather

0000 - 2400 (Weekday 24h Session) (05-01-2024)
Bi-Directional 15min

	Bi-Directional 15min													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0030 - 0045	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**3**
0100 - 0115	0	0	1	0	0	0	0	0	0	0	0	0	0	**1**	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0145 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**2**
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0215 - 0230	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0245 - 0300	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**2**
0300 - 0315	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**1**
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0415 - 0430	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0430 - 0445	0	2	2	0	0	0	0	0	0	0	0	0	0	**4**	
0445 - 0500	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**6**
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0515 - 0530	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**	
0530 - 0545	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0545 - 0600	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**	**8**
0600 - 0615	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
0615 - 0630	0	3	3	0	0	0	0	0	0	0	0	0	0	**6**	
0630 - 0645	0	2	3	0	0	0	0	0	0	0	0	0	0	**5**	
0645 - 0700	0	12	3	1	0	0	0	0	0	0	0	0	0	**16**	**30**
0700 - 0715	0	7	5	0	0	0	0	0	0	0	0	0	0	**12**	
0715 - 0730	0	7	1	0	0	0	0	0	0	0	0	0	0	**8**	
0730 - 0745	0	11	6	1	0	1	0	0	0	0	0	0	0	**19**	
0745 - 0800	0	12	7	1	0	0	0	0	0	0	0	0	0	**20**	**59**
0800 - 0815	0	14	6	1	0	1	0	0	0	0	0	0	0	**22**	
0815 - 0830	0	10	3	0	0	0	0	0	0	0	0	0	0	**13**	
0830 - 0845	0	5	6	0	0	0	0	0	0	0	0	0	0	**11**	
0845 - 0900	0	9	5	0	0	1	0	0	0	0	0	0	0	**15**	**61**
0900 - 0915	0	12	2	0	1	1	0	0	0	0	0	0	0	**16**	
0915 - 0930	0	10	4	0	2	0	0	0	0	0	0	0	0	**16**	
0930 - 0945	0	6	5	0	0	0	0	0	0	0	0	0	0	**11**	
0945 - 1000	0	11	1	0	0	1	0	0	0	0	0	0	0	**13**	**56**
1000 - 1015	0	14	2	0	0	0	0	0	0	0	0	0	0	**16**	
1015 - 1030	0	7	5	0	0	0	0	0	0	0	0	0	0	**12**	
1030 - 1045	0	5	3	0	0	0	0	0	0	0	0	0	0	**8**	
1045 - 1100	0	7	1	0	1	0	0	0	0	0	0	0	0	**9**	**45**
1100 - 1115	0	8	6	0	1	0	0	0	0	0	0	0	0	**15**	
1115 - 1130	0	5	5	0	0	0	0	0	0	0	0	0	0	**10**	
1130 - 1145	0	7	5	0	1	0	0	0	0	0	0	0	0	**13**	
1145 - 1200	0	11	0	1	0	0	0	0	0	0	0	0	0	**12**	**50**
1200 - 1215	0	7	7	0	1	0	0	0	0	0	0	0	0	**15**	
1215 - 1230	0	7	5	0	1	0	0	0	0	0	0	0	0	**13**	
1230 - 1245	0	13	2	0	0	0	0	0	0	0	0	0	0	**15**	
1245 - 1300	0	6	4	0	0	0	0	0	0	0	0	0	0	**10**	**53**
1300 - 1315	0	13	2	0	0	0	0	0	0	0	0	0	0	**15**	
1315 - 1330	0	6	4	0	0	0	0	0	0	0	0	0	0	**10**	
1330 - 1345	0	9	4	0	0	0	0	0	0	0	0	0	0	**13**	
1345 - 1400	0	14	2	0	0	0	0	0	0	0	0	0	0	**16**	**54**
1400 - 1415	0	13	6	0	0	0	0	0	0	0	0	0	0	**19**	
1415 - 1430	0	20	2	0	0	0	0	0	0	0	0	0	0	**22**	
1430 - 1445	0	12	5	0	0	0	0	0	0	0	0	0	0	**17**	
1445 - 1500	0	11	4	1	0	0	0	0	0	0	0	0	0	**16**	**74**
1500 - 1515	0	9	3	0	1	0	0	0	0	0	0	0	0	**13**	
1515 - 1530	0	13	6	0	0	0	0	0	0	0	0	0	0	**19**	
1530 - 1545	0	16	7	0	2	0	0	0	0	0	0	0	0	**25**	
1545 - 1600	0	21	3	0	0	0	0	0	0	0	0	0	0	**24**	**81**
1600 - 1615	0	15	5	1	0	0	0	0	0	0	0	0	0	**21**	
1615 - 1630	0	12	5	0	1	0	0	0	0	0	0	0	0	**18**	
1630 - 1645	0	12	5	0	1	0	0	0	0	0	0	0	0	**18**	
1645 - 1700	0	10	7	0	2	0	0	0	0	0	0	0	0	**19**	**76**
1700 - 1715	0	6	3	0	1	0	0	0	0	0	0	0	0	**10**	
1715 - 1730	0	13	3	0	0	0	0	0	0	0	0	0	0	**16**	
1730 - 1745	0	8	5	0	0	0	0	0	0	0	0	0	0	**13**	
1745 - 1800	1	13	8	0	0	0	0	0	0	0	0	0	0	**22**	**61**
1800 - 1815	0	9	2	0	0	0	0	0	0	0	0	0	0	**11**	
1815 - 1830	2	9	3	0	0	0	0	0	0	0	0	0	0	**14**	
1830 - 1845	1	11	3	0	0	0	0	0	0	0	0	0	0	**15**	
1845 - 1900	0	7	3	0	0	0	0	0	0	0	0	0	0	**10**	**50**
1900 - 1915	1	6	3	0	0	0	0	0	0	0	0	0	0	**10**	
1915 - 1930	0	3	3	0	0	0	0	0	0	0	0	0	0	**6**	
1930 - 1945	0	9	4	0	0	0	0	0	0	0	0	0	0	**13**	
1945 - 2000	0	7	5	0	0	0	0	0	0	0	0	0	0	**12**	**41**
2000 - 2015	0	8	1	0	0	0	0	0	0	0	0	0	0	**9**	
2015 - 2030	0	9	4	0	0	0	0	0	0	0	0	0	0	**13**	
2030 - 2045	0	8	1	0	0	0	0	0	0	0	0	0	0	**9**	
2045 - 2100	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	**35**
2100 - 2115	0	7	1	0	0	0	0	0	0	0	0	0	0	**8**	
2115 - 2130	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
2130 - 2145	0	8	1	0	0	0	0	0	0	0	0	0	0	**9**	
2145 - 2200	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**	**25**
2200 - 2215	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
2215 - 2230	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	
2230 - 2245	0	3	1	0	0	0	0	0	0	0	0	0	0	**4**	
2245 - 2300	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**11**
2300 - 2315	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
2315 - 2330	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
2330 - 2345	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**

Session Total	5	614	237	7	16	5	0	0	0	0	0	0	0	**884**
Session Average	0.05	6.40	2.47	0.07	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**9.21**
Session Percentage	0.57	69.46	26.81	0.79	1.81	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0730 - 0830	0730 - 0830	0715 - 0815	0830 - 0930	0715 - 0815	-	-	-	-	-	-	-	**0730 - 0830**
AM Peak Volume	0	47	22	3	3	2	0	0	0	0	0	0	0	**74**

Noon Peak Hour	-	1345 - 1445	1445 - 1545	1100 - 1200	1045 - 1145	-	-	-	-	-	-	-	-	**1345 - 1445**
Noon Peak Volume	0	59	20	1	3	0	0	0	0	0	0	0	0	**74**

PM Peak Hour	1745 - 1845	1515 - 1615	1600 - 1700	1515 - 1615	1615 - 1715	-	-	-	-	-	-	-	-	**1515 - 1615**
PM Peak Volume	4	65	22	1	5	0	0	0	0	0	0	0	0	**89**

Bi-Directional Class Count || Volume Summary 15min

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

Click here for Detailed Weather

0000 - 2400 (Weekday 24h Session) (05-01-2024)
Volume Summary 15min

TIME	Volume Summary 15min EB	WB	15min Total	60min Total
0000 - 0015	0	0	**0**	
0015 - 0030	0	0	**0**	
0030 - 0045	3	0	**3**	
0045 - 0100	0	0	**0**	**3**
0100 - 0115	1	0	**1**	
0115 - 0130	0	0	**0**	
0130 - 0145	0	0	**0**	
0145 - 0200	0	1	**1**	**2**
0200 - 0215	0	0	**0**	
0215 - 0230	0	1	**1**	
0230 - 0245	0	0	**0**	
0245 - 0300	0	1	**1**	**2**
0300 - 0315	1	0	**1**	
0315 - 0330	0	0	**0**	
0330 - 0345	0	0	**0**	
0345 - 0400	0	0	**0**	**1**
0400 - 0415	0	0	**0**	
0415 - 0430	0	1	**1**	
0430 - 0445	1	3	**4**	
0445 - 0500	0	1	**1**	**6**
0500 - 0515	0	0	**0**	
0515 - 0530	1	4	**5**	
0530 - 0545	1	0	**1**	
0545 - 0600	0	2	**2**	**8**
0600 - 0615	1	2	**3**	
0615 - 0630	1	5	**6**	
0630 - 0645	0	5	**5**	
0645 - 0700	3	13	**16**	**30**
0700 - 0715	1	11	**12**	
0715 - 0730	4	4	**8**	
0730 - 0745	4	15	**19**	
0745 - 0800	6	14	**20**	**59**
0800 - 0815	6	16	**22**	
0815 - 0830	6	7	**13**	
0830 - 0845	7	4	**11**	
0845 - 0900	8	7	**15**	**61**
0900 - 0915	5	11	**16**	
0915 - 0930	9	7	**16**	
0930 - 0945	2	9	**11**	
0945 - 1000	5	8	**13**	**56**
1000 - 1015	6	10	**16**	
1015 - 1030	7	5	**12**	
1030 - 1045	6	2	**8**	
1045 - 1100	6	3	**9**	**45**
1100 - 1115	6	9	**15**	
1115 - 1130	5	5	**10**	
1130 - 1145	3	10	**13**	
1145 - 1200	7	5	**12**	**50**

Time	Volume Summary 15min EB	WB	15min Total	60min Total
1200 - 1215	8	7	**15**	
1215 - 1230	4	9	**13**	
1230 - 1245	7	8	**15**	
1245 - 1300	4	6	**10**	**53**
1300 - 1315	9	6	**15**	
1315 - 1330	7	3	**10**	
1330 - 1345	5	8	**13**	
1345 - 1400	7	9	**16**	**54**
1400 - 1415	13	6	**19**	
1415 - 1430	10	12	**22**	
1430 - 1445	13	4	**17**	
1445 - 1500	12	4	**16**	**74**
1500 - 1515	7	6	**13**	
1515 - 1530	9	10	**19**	
1530 - 1545	18	7	**25**	
1545 - 1600	12	12	**24**	**81**
1600 - 1615	11	10	**21**	
1615 - 1630	15	3	**18**	
1630 - 1645	10	8	**18**	
1645 - 1700	13	6	**19**	**76**
1700 - 1715	5	5	**10**	
1715 - 1730	7	9	**16**	
1730 - 1745	6	7	**13**	
1745 - 1800	12	10	**22**	**61**
1800 - 1815	5	6	**11**	
1815 - 1830	10	4	**14**	
1830 - 1845	8	7	**15**	
1845 - 1900	6	4	**10**	**50**
1900 - 1915	4	6	**10**	
1915 - 1930	5	1	**6**	
1930 - 1945	9	4	**13**	
1945 - 2000	5	7	**12**	**41**
2000 - 2015	3	6	**9**	
2015 - 2030	8	5	**13**	
2030 - 2045	3	6	**9**	
2045 - 2100	3	1	**4**	**35**
2100 - 2115	5	3	**8**	
2115 - 2130	2	1	**3**	
2130 - 2145	7	2	**9**	
2145 - 2200	2	3	**5**	**25**
2200 - 2215	1	1	**2**	
2215 - 2230	3	1	**4**	
2230 - 2245	3	1	**4**	
2245 - 2300	1	0	**1**	**11**
2300 - 2315	0	0	**0**	
2315 - 2330	0	0	**0**	
2330 - 2345	0	0	**0**	
2345 - 0000	0	0	**0**	**0**

Session Total	439	445	**884**
Session Average	4.57	4.64	**9.21**
Session Percentage	49.66	50.34	

Bi-Directional Class Count || NB EB 60min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
NB EB 60min

	Eastbound (Movement 2.1)													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**
0100 - 0200	0	0	1	0	0	0	0	0	0	0	0	0	0	**1**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0400 - 0500	0	0	1	0	0	0	0	0	0	0	0	0	0	**1**
0500 - 0600	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0600 - 0700	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**
0700 - 0800	0	6	7	1	0	1	0	0	0	0	0	0	0	**15**
0800 - 0900	0	17	9	0	0	1	0	0	0	0	0	0	0	**27**
0900 - 1000	0	10	7	0	3	1	0	0	0	0	0	0	0	**21**
1000 - 1100	0	18	6	0	1	0	0	0	0	0	0	0	0	**25**
1100 - 1200	0	11	8	1	1	0	0	0	0	0	0	0	0	**21**
1200 - 1300	0	15	7	0	1	0	0	0	0	0	0	0	0	**23**
1300 - 1400	0	22	6	0	0	0	0	0	0	0	0	0	0	**28**
1400 - 1500	0	36	12	0	0	0	0	0	0	0	0	0	0	**48**
1500 - 1600	0	30	14	0	2	0	0	0	0	0	0	0	0	**46**
1600 - 1700	0	32	14	0	3	0	0	0	0	0	0	0	0	**49**
1700 - 1800	1	20	8	0	1	0	0	0	0	0	0	0	0	**30**
1800 - 1900	2	20	7	0	0	0	0	0	0	0	0	0	0	**29**
1900 - 2000	1	15	7	0	0	0	0	0	0	0	0	0	0	**23**
2000 - 2100	0	14	3	0	0	0	0	0	0	0	0	0	0	**17**
2100 - 2200	0	13	3	0	0	0	0	0	0	0	0	0	0	**16**
2200 - 2300	0	7	1	0	0	0	0	0	0	0	0	0	0	**8**
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Session Total	4	296	122	2	12	3	0	0	0	0	0	0	0	**439**
Session Average	0.17	12.33	5.08	0.08	0.50	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**18.29**
Session Percentage	0.91	67.43	27.79	0.46	2.73	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0800 - 0900	0800 - 0900	0700 - 0800	0900 - 1000	0700 - 0800	-	-	-	-	-	-	-	**0800 - 0900**
AM Peak Volume	0	17	9	1	3	1	0	0	0	0	0	0	0	**27**

Noon Peak Hour	-	1400 - 1500	1400 - 1500	1100 - 1200	1000 - 1100	-	-	-	-	-	-	-	-	**1400 - 1500**
Noon Peak Volume	0	36	12	1	1	0	0	0	0	0	0	0	0	**48**

PM Peak Hour	1800 - 1900	1600 - 1700	1500 - 1600	-	1600 - 1700	-	-	-	-	-	-	-	-	**1600 - 1700**
PM Peak Volume	2	32	14	0	3	0	0	0	0	0	0	0	0	**49**

Bi-Directional Class Count || SB WB 60min

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

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0000 - 2400 (Weekday 24h Session) (05-01-2024)
SB WB 60min

	Westbound (Movement 2.2)													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0100 - 0200	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0200 - 0300	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0400 - 0500	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**
0500 - 0600	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
0600 - 0700	0	15	9	1	0	0	0	0	0	0	0	0	0	**25**
0700 - 0800	0	31	12	1	0	0	0	0	0	0	0	0	0	**44**
0800 - 0900	0	21	11	1	0	1	0	0	0	0	0	0	0	**34**
0900 - 1000	0	29	5	0	0	1	0	0	0	0	0	0	0	**35**
1000 - 1100	0	15	5	0	0	0	0	0	0	0	0	0	0	**20**
1100 - 1200	0	20	8	0	1	0	0	0	0	0	0	0	0	**29**
1200 - 1300	0	18	11	0	1	0	0	0	0	0	0	0	0	**30**
1300 - 1400	0	20	6	0	0	0	0	0	0	0	0	0	0	**26**
1400 - 1500	0	20	5	1	0	0	0	0	0	0	0	0	0	**26**
1500 - 1600	0	29	5	0	1	0	0	0	0	0	0	0	0	**35**
1600 - 1700	0	17	8	1	1	0	0	0	0	0	0	0	0	**27**
1700 - 1800	0	20	11	0	0	0	0	0	0	0	0	0	0	**31**
1800 - 1900	1	16	4	0	0	0	0	0	0	0	0	0	0	**21**
1900 - 2000	0	10	8	0	0	0	0	0	0	0	0	0	0	**18**
2000 - 2100	0	15	3	0	0	0	0	0	0	0	0	0	0	**18**
2100 - 2200	0	8	1	0	0	0	0	0	0	0	0	0	0	**9**
2200 - 2300	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Session Total	1	318	115	5	4	2	0	0	0	0	0	0	0	**445**
Session Average	0.04	13.25	4.79	0.21	0.17	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**18.54**
Session Percentage	0.22	71.46	25.84	1.12	0.90	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0700 - 0800	0700 - 0800	0600 - 0700	-	0800 - 0900	-	-	-	-	-	-	-	**0700 - 0800**
AM Peak Volume	0	31	12	1	0	1	0	0	0	0	0	0	0	**44**

Noon Peak Hour	-	1100 - 1200	1200 - 1300	1400 - 1500	1100 - 1200	-	-	-	-	-	-	-	-	**1200 - 1300**
Noon Peak Volume	0	20	11	1	1	0	0	0	0	0	0	0	0	**30**

PM Peak Hour	1800 - 1900	1500 - 1600	1700 - 1800	1600 - 1700	1500 - 1600	-	-	-	-	-	-	-	-	**1500 - 1600**
PM Peak Volume	1	29	11	1	1	0	0	0	0	0	0	0	0	**35**

Bi-Directional Class Count || Bi-Directional 60min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

Click here for Detailed Weather

0000 - 2400 (Weekday 24h Session) (05-01-2024)
Bi-Directional 60min

	Bi-Directional 60min													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**
0100 - 0200	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**
0200 - 0300	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0300 - 0400	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0400 - 0500	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
0500 - 0600	0	6	2	0	0	0	0	0	0	0	0	0	0	**8**
0600 - 0700	0	19	10	1	0	0	0	0	0	0	0	0	0	**30**
0700 - 0800	0	37	19	2	0	1	0	0	0	0	0	0	0	**59**
0800 - 0900	0	38	20	1	0	2	0	0	0	0	0	0	0	**61**
0900 - 1000	0	39	12	0	3	2	0	0	0	0	0	0	0	**56**
1000 - 1100	0	33	11	0	1	0	0	0	0	0	0	0	0	**45**
1100 - 1200	0	31	16	1	2	0	0	0	0	0	0	0	0	**50**
1200 - 1300	0	33	18	0	2	0	0	0	0	0	0	0	0	**53**
1300 - 1400	0	42	12	0	0	0	0	0	0	0	0	0	0	**54**
1400 - 1500	0	56	17	1	0	0	0	0	0	0	0	0	0	**74**
1500 - 1600	0	59	19	0	3	0	0	0	0	0	0	0	0	**81**
1600 - 1700	0	49	22	1	4	0	0	0	0	0	0	0	0	**76**
1700 - 1800	1	40	19	0	1	0	0	0	0	0	0	0	0	**61**
1800 - 1900	3	36	11	0	0	0	0	0	0	0	0	0	0	**50**
1900 - 2000	1	25	15	0	0	0	0	0	0	0	0	0	0	**41**
2000 - 2100	0	29	6	0	0	0	0	0	0	0	0	0	0	**35**
2100 - 2200	0	21	4	0	0	0	0	0	0	0	0	0	0	**25**
2200 - 2300	0	10	1	0	0	0	0	0	0	0	0	0	0	**11**
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Session Total	5	614	237	7	16	5	0	0	0	0	0	0	0	**884**
Session Average	0.21	25.58	9.88	0.29	0.67	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**36.83**
Session Percentage	0.57	69.46	26.81	0.79	1.81	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0900 - 1000	0800 - 0900	0700 - 0800	0900 - 1000	0800 - 0900	-	-	-	-	-	-	-	**0800 - 0900**
AM Peak Volume	0	39	20	2	3	2	0	0	0	0	0	0	0	**61**

Noon Peak Hour	-	1400 - 1500	1200 - 1300	1100 - 1200	1100 - 1200	-	-	-	-	-	-	-	-	**1400 - 1500**
Noon Peak Volume	0	56	18	1	2	0	0	0	0	0	0	0	0	**74**

PM Peak Hour	1800 - 1900	1500 - 1600	1600 - 1700	1600 - 1700	1600 - 1700	-	-	-	-	-	-	-	-	**1500 - 1600**
PM Peak Volume	3	59	22	1	4	0	0	0	0	0	0	0	0	**81**

Bi-Directional Class Count || Volume Summary 60min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Date
Wednesday, May 1, 2024

Lat/Long
34.345483°, -83.884923°

Weather
Fair
74°F

Click here for Detailed Weather

0000 - 2400 (Weekday 24h Session) (05-01-2024)
Volume Summary 60min

	Volume Summary 60min		
TIME	EB	WB	Total
0000 - 0100	3	0	**3**
0100 - 0200	1	1	**2**
0200 - 0300	0	2	**2**
0300 - 0400	1	0	**1**
0400 - 0500	1	5	**6**
0500 - 0600	2	6	**8**
0600 - 0700	5	25	**30**
0700 - 0800	15	44	**59**
0800 - 0900	27	34	**61**
0900 - 1000	21	35	**56**
1000 - 1100	25	20	**45**
1100 - 1200	21	29	**50**

	Volume Summary 60min		
Time	EB	WB	Total
1200 - 1300	23	30	**53**
1300 - 1400	28	26	**54**
1400 - 1500	48	26	**74**
1500 - 1600	46	35	**81**
1600 - 1700	49	27	**76**
1700 - 1800	30	31	**61**
1800 - 1900	29	21	**50**
1900 - 2000	23	18	**41**
2000 - 2100	17	18	**35**
2100 - 2200	16	9	**25**
2200 - 2300	8	3	**11**
2300 - 2400	0	0	**0**

Session Total	439	445	**884**
Session Average	18.29	18.54	**36.83**
Session Percentage	49.66	50.34	

Bi-Directional Class Count || Graphical Analysis NB EB

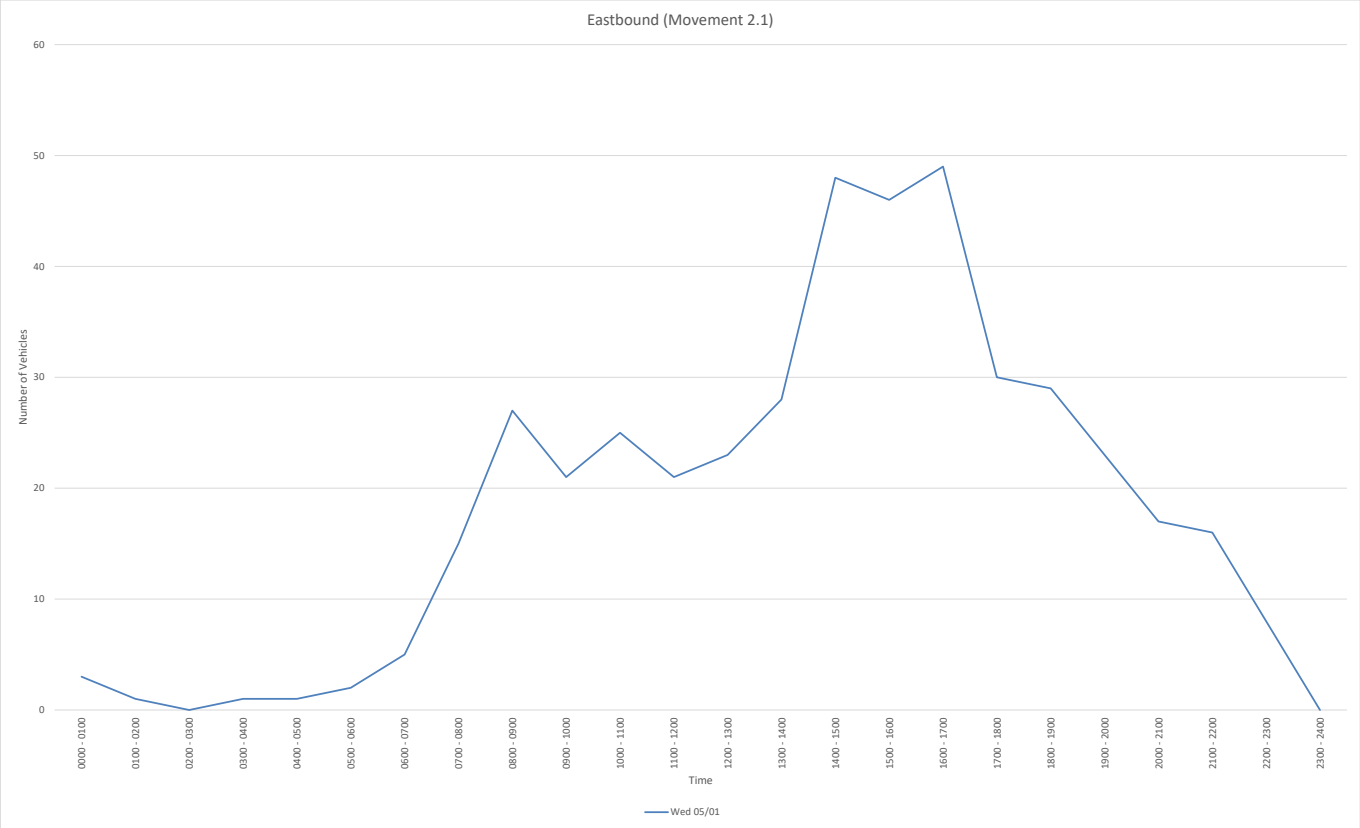
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Lat/Long
34.345483°, -83.884923°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis NB EB



Time	Wed 05/01						
0000 - 0100	3						
0100 - 0200	1						
0200 - 0300	0						
0300 - 0400	1						
0400 - 0500	1						
0500 - 0600	2						
0600 - 0700	5						
0700 - 0800	15						
0800 - 0900	27						
0900 - 1000	21						
1000 - 1100	25						
1100 - 1200	21						
1200 - 1300	23						
1300 - 1400	28						
1400 - 1500	48						
1500 - 1600	46						
1600 - 1700	49						
1700 - 1800	30						
1800 - 1900	29						
1900 - 2000	23						
2000 - 2100	17						
2100 - 2200	16						
2200 - 2300	8						
2300 - 2400	0						

Daily Total	439						

Bi-Directional Class Count || Graphical Analysis SB WB

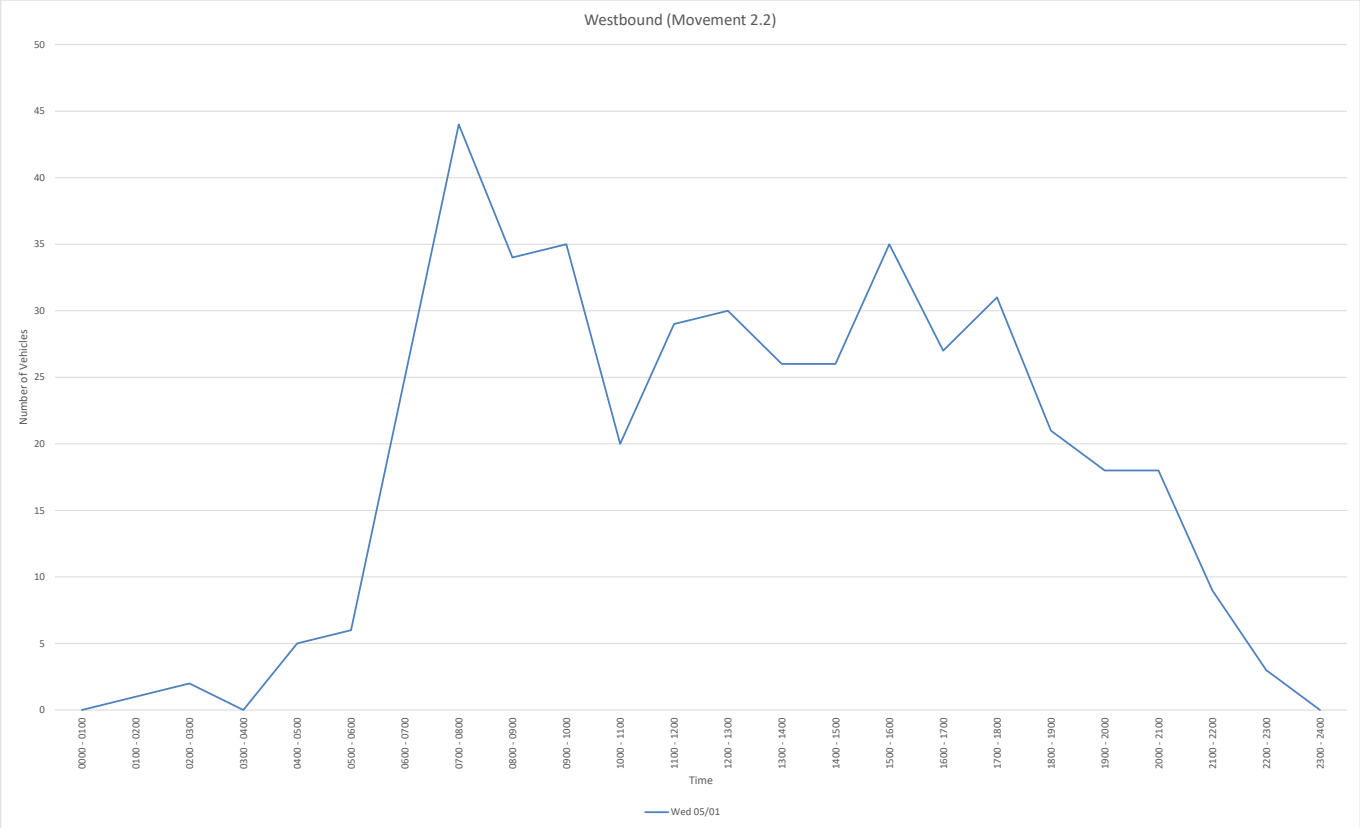
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Lat/Long
34.345483°, -83.884923°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis SB WB



Time	Wed 05/01						
0000 - 0100	0						
0100 - 0200	1						
0200 - 0300	2						
0300 - 0400	0						
0400 - 0500	5						
0500 - 0600	6						
0600 - 0700	25						
0700 - 0800	44						
0800 - 0900	34						
0900 - 1000	35						
1000 - 1100	20						
1100 - 1200	29						
1200 - 1300	30						
1300 - 1400	26						
1400 - 1500	26						
1500 - 1600	35						
1600 - 1700	27						
1700 - 1800	31						
1800 - 1900	21						
1900 - 2000	18						
2000 - 2100	18						
2100 - 2200	9						
2200 - 2300	3						
2300 - 2400	0						

Daily Total	445						

Bi-Directional Class Count || Graphical Analysis BiDir

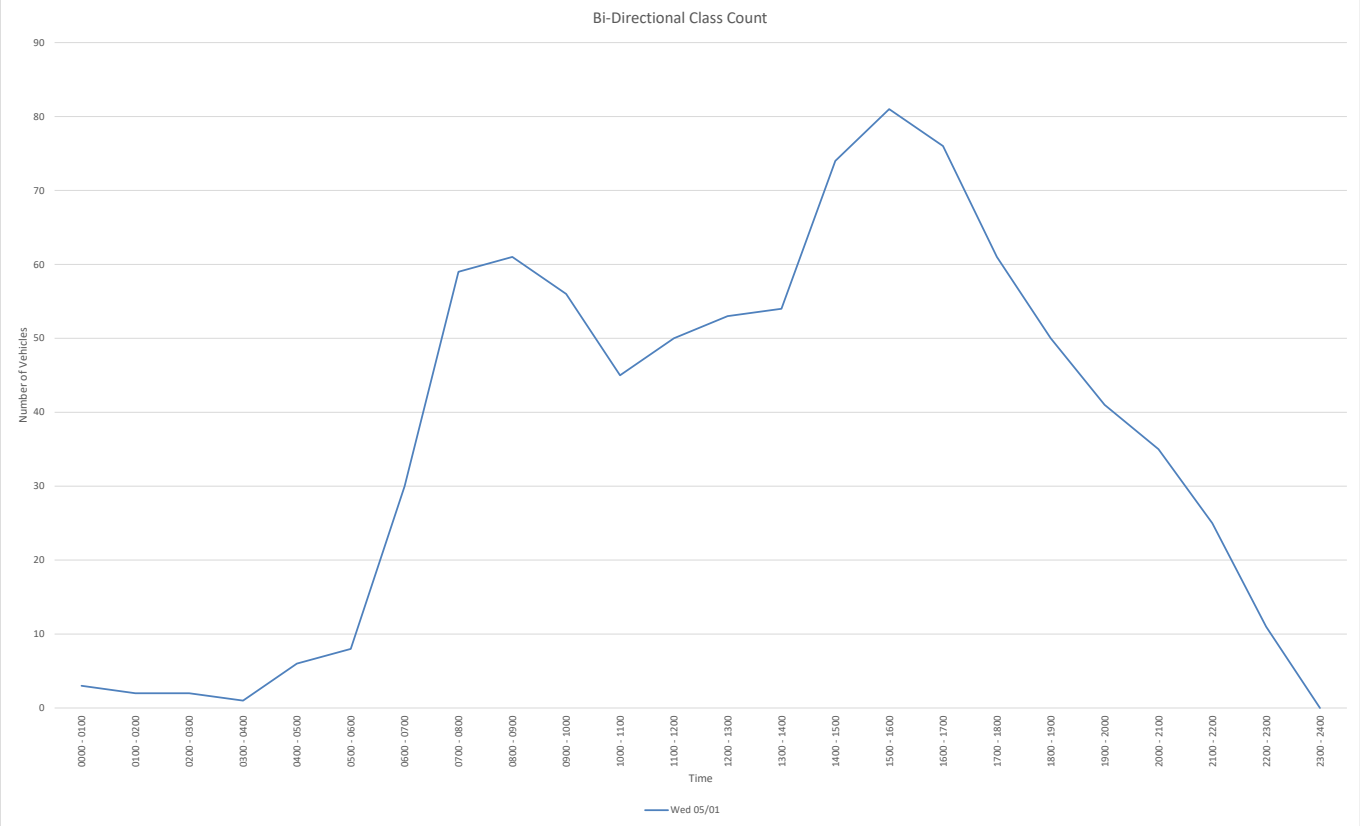
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 2
Allison Rd,
west of Looper Lake Rd

Lat/Long
34.345483°, -83.884923°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis BiDir



Time	Wed 05/01						
0000 - 0100	3						
0100 - 0200	2						
0200 - 0300	2						
0300 - 0400	1						
0400 - 0500	6						
0500 - 0600	8						
0600 - 0700	30						
0700 - 0800	59						
0800 - 0900	61						
0900 - 1000	56						
1000 - 1100	45						
1100 - 1200	50						
1200 - 1300	53						
1300 - 1400	54						
1400 - 1500	74						
1500 - 1600	81						
1600 - 1700	76						
1700 - 1800	61						
1800 - 1900	50						
1900 - 2000	41						
2000 - 2100	35						
2100 - 2200	25						
2200 - 2300	11						
2300 - 2400	0						

Daily Total	884						

EB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 2
Station ID: 1
Location 1: Allison Rd, west of Looper Lake Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	0	3	0	0	1	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	2	3	1	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	4	1	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	2	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	6	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 AM	0	2	1	0	1	1	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	3	4	0	2	0	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	0	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	5	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	5	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	4	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	2	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	2	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	1	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	6	0	1	0	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	3	0	0	1	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	1	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	8	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	4	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	8	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	9	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	0	10	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	9	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	5	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	4	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	12	5	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	9	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	9	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	10	4	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	6	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	7	5	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	3	1	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	3	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	1	8	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	2	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	0	6	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	0	6	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	1	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	0	2	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	7	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	0	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

WB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 2
Station ID: 1
Location 1: Allison Rd, west of Looper Lake Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	2	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	9	3	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	7	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	11	3	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	10	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	10	5	1	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	5	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	3	3	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:00 AM	0	10	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	7	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	6	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	6	1	0	0	1	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	9	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	2	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	6	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	6	3	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	5	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	2	4	0	1	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	4	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	7	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	8	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	11	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	0	2	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	2	1	1	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	9	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	4	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	12	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	6	3	1	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	6	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	3	2	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	7	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	5	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	0	5	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	0	6	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	1	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	0	1	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	2	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	3	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

EB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 2
Station ID: 1
Location 1: Allison Rd, west of Looper Lake Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	3	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	7	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	7	4	0	0	1	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	6	7	1	0	1	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	10	7	1	0	2	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	11	8	1	0	2	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	13	10	1	0	1	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	17	9	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	15	9	0	1	1	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	13	12	0	3	1	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	11	9	0	3	1	0	0	0	0	0	0	0
5/1/2024	9:00 AM	0	10	7	0	3	1	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	13	7	0	2	0	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	15	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	19	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	18	6	0	1	0	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	15	8	0	2	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	12	9	0	2	0	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	9	9	0	2	0	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	11	8	1	1	0	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	14	8	1	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	15	5	1	1	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	20	4	1	1	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	15	7	0	1	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	18	5	0	1	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	19	8	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	17	8	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	22	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	22	10	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	27	8	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	33	10	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	36	12	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	33	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	0	28	12	0	1	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	30	14	0	2	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	30	14	0	2	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	34	15	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	40	14	0	2	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	34	12	0	2	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	32	14	0	3	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	26	13	0	4	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	22	10	0	3	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	19	10	0	2	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	1	20	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	1	20	9	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	3	19	11	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	3	22	10	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	2	20	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	3	19	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	1	16	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	1	17	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	1	15	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	0	16	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	19	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	15	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	14	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	0	15	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	11	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	14	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	13	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	10	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	12	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	8	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	7	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

WB
File Name:
Start Date: 5/1/2024
Start Time: 0
Site Code: 2
Station ID: 1
Location 1: Allison Rd, west of Looper Lake Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
5/1/2024	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	3:45 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 AM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:15 AM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:30 AM	0	6	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	4:45 AM	0	4	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:00 AM	0	4	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 AM	0	5	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 AM	0	5	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 AM	0	7	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 AM	0	15	9	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 AM	0	21	12	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 AM	0	21	11	1	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 AM	0	30	11	2	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 AM	0	31	12	1	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 AM	0	34	13	2	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 AM	0	36	14	2	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 AM	0	28	12	1	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 AM	0	21	11	1	0	1	0	0	0	0	0	0	0
5/1/2024	8:15 AM	0	21	7	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:30 AM	0	23	5	0	0	1	0	0	0	0	0	0	0
5/1/2024	8:45 AM	0	26	7	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:00 AM	0	29	5	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:15 AM	0	28	5	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:30 AM	0	23	8	0	0	1	0	0	0	0	0	0	0
5/1/2024	9:45 AM	0	18	6	0	0	1	0	0	0	0	0	0	0
5/1/2024	10:00 AM	0	15	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 AM	0	12	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 AM	0	13	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 AM	0	18	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:00 AM	0	20	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	11:15 AM	0	16	9	0	2	0	0	0	0	0	0	0	0
5/1/2024	11:30 AM	0	17	12	0	2	0	0	0	0	0	0	0	0
5/1/2024	11:45 AM	0	18	10	0	1	0	0	0	0	0	0	0	0
5/1/2024	12:00 PM	0	18	11	0	1	0	0	0	0	0	0	0	0
5/1/2024	12:15 PM	0	21	8	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:30 PM	0	19	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	12:45 PM	0	17	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:00 PM	0	20	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:15 PM	0	20	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:30 PM	0	29	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	1:45 PM	0	26	5	0	0	0	0	0	0	0	0	0	0
5/1/2024	2:00 PM	0	20	5	1	0	0	0	0	0	0	0	0	0
5/1/2024	2:15 PM	0	19	6	1	0	0	0	0	0	0	0	0	0
5/1/2024	2:30 PM	0	17	6	1	0	0	0	0	0	0	0	0	0
5/1/2024	2:45 PM	0	19	6	1	1	0	0	0	0	0	0	0	0
5/1/2024	3:00 PM	0	29	5	0	1	0	0	0	0	0	0	0	0
5/1/2024	3:15 PM	0	31	6	1	1	0	0	0	0	0	0	0	0
5/1/2024	3:30 PM	0	24	6	1	1	0	0	0	0	0	0	0	0
5/1/2024	3:45 PM	0	26	6	1	0	0	0	0	0	0	0	0	0
5/1/2024	4:00 PM	0	17	8	1	1	0	0	0	0	0	0	0	0
5/1/2024	4:15 PM	0	14	7	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:30 PM	0	19	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	4:45 PM	0	18	8	0	1	0	0	0	0	0	0	0	0
5/1/2024	5:00 PM	0	20	11	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:15 PM	0	23	9	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:30 PM	0	20	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	5:45 PM	1	20	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:00 PM	1	16	4	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:15 PM	1	14	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:30 PM	1	11	6	0	0	0	0	0	0	0	0	0	0
5/1/2024	6:45 PM	0	8	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:00 PM	0	10	8	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:15 PM	0	11	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:30 PM	0	14	8	0	0	0	0	0	0	0	0	0	0
5/1/2024	7:45 PM	0	17	7	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:00 PM	0	15	3	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:15 PM	0	13	2	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:30 PM	0	10	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	8:45 PM	0	7	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:00 PM	0	8	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:15 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:30 PM	0	6	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	9:45 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:00 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2024	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

Somerset at Sardis Creek Residential - Growth Rate Calculation Worksheet

Percentage Growth - Traffic Data										
Roadway	**County**	**Traffic Count Station**	**2018 Traffic Volumes**	**2019 Traffic Volumes**	**2020 Traffic Volumes**	**2021 Traffic Volumes**	**2022 Traffic Volumes**	**2023 Traffic Volumes by Linear Regress.**	**2027 Traffic Volumes by Linear Regress.**	**Annual Growth 2023 to 2025**
Sardis Road	Hall	139-0509	8,350	8,140	7,350	8,010	8,190	7,873	7,693	-0.6%
Ledan Road	Hall	139-0113	5,840	5,840	5,800	6,100	6,170	6,226	6,594	1.5%
Weighted Average			**14,190**	**13,980**	**13,150**	**14,110**	**14,360**	**14,099**	**14,287**	**0.3%**

Percentage Growth - US Census Data								
Census Area	**2018 Population**	**2019 Population**	**2020 Population**	**2021 Population**	**2022 Population**	**2023 Population by Linear Regress.**	**2026 Population by Linear Regress.**	**Annual Growth 2023 to 2025**
City of Gainesville	41,336	43,233	42,565	43,398	45,282	45,580	47,997	1.8%
Hall County	201,396	204,310	203,735	207,393	212,692	213,608	221,310	1.2%
Weighted Average	**242,732**	**247,543**	**246,300**	**250,791**	**257,974**	**259,188**	**269,307**	**1.3%**

APPENDIX C:

SYNCHRO REPORTS

Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	8	12	284	3	13	553
Future Vol, veh/h	8	12	284	3	13	553
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	71	71	90	90	93	93
Heavy Vehicles, %	0	9	5	14	0	3
Mvmt Flow	11	17	316	3	14	595

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	940	317	0	0	319	0
Stage 1	317	-	-	-	-	-
Stage 2	623	-	-	-	-	-
Critical Hdwy	6.4	6.29	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.381	-	-	2.2	-
Pot Cap-1 Maneuver	295	707	-	-	1253	-
Stage 1	743	-	-	-	-	-
Stage 2	539	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	290	707	-	-	1253	-
Mov Cap-2 Maneuver	290	-	-	-	-	-
Stage 1	743	-	-	-	-	-
Stage 2	530	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	13.55	0	0.18
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	449	41	-
HCM Lane V/C Ratio	-	-	0.063	0.011	-
HCM Control Delay (s/veh)	-	-	13.6	7.9	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0	-

Intersection	
Intersection Delay, s/veh	33.9
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	353	17	3	0	47	6	4	7	1	6	3	505
Future Vol, veh/h	353	17	3	0	47	6	4	7	1	6	3	505
Peak Hour Factor	0.83	0.83	0.83	0.78	0.78	0.78	0.43	0.43	0.43	0.81	0.81	0.81
Heavy Vehicles, %	4	5	0	0	1	18	0	0	0	17	0	3
Mvmt Flow	425	20	4	0	60	8	9	16	2	7	4	623
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	26.7	10.7	10.2	42.5
HCM LOS	D	B	B	E

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	95%	0%	1%
Vol Thru, %	58%	5%	89%	1%
Vol Right, %	8%	1%	11%	98%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	12	373	53	514
LT Vol	4	353	0	6
Through Vol	7	17	47	3
RT Vol	1	3	6	505
Lane Flow Rate	28	449	68	635
Geometry Grp	1	1	1	1
Degree of Util (X)	0.053	0.767	0.127	0.93
Departure Headway (Hd)	6.822	6.144	6.742	5.278
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	528	584	535	685
Service Time	4.827	4.216	4.745	3.352
HCM Lane V/C Ratio	0.053	0.769	0.127	0.927
HCM Control Delay, s/veh	10.2	26.7	10.7	42.5
HCM Lane LOS	B	D	B	E
HCM 95th-tile Q	0.2	7	0.4	12.7

Intersection	
Int Delay, s/veh	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	11	590	9	17	397
Future Vol, veh/h	2	11	590	9	17	397
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	81	81	94	94	91	91
Heavy Vehicles, %	0	10	2	13	0	2
Mvmt Flow	2	14	628	10	19	436

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1106	632	0	0	637	0
Stage 1	632	-	-	-	-	-
Stage 2	474	-	-	-	-	-
Critical Hdwy	6.4	6.3	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.39	-	-	2.2	-
Pot Cap-1 Maneuver	235	466	-	-	956	-
Stage 1	533	-	-	-	-	-
Stage 2	631	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	229	466	-	-	956	-
Mov Cap-2 Maneuver	229	-	-	-	-	-
Stage 1	533	-	-	-	-	-
Stage 2	614	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	14.33	0	0.36
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	402	74	-
HCM Lane V/C Ratio	-	-	0.04	0.02	-
HCM Control Delay (s/veh)	-	-	14.3	8.8	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0.1	-

Intersection	
Intersection Delay, s/veh	38
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	564	26	8	1	27	4	4	12	1	6	13	379
Future Vol, veh/h	564	26	8	1	27	4	4	12	1	6	13	379
Peak Hour Factor	0.96	0.96	0.96	0.89	0.89	0.89	0.61	0.61	0.61	0.87	0.87	0.87
Heavy Vehicles, %	2	3	0	0	3	0	0	0	0	18	0	2
Mvmt Flow	588	27	8	1	30	4	7	20	2	7	15	436
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	52.8	9.9	10.2	21.7
HCM LOS	F	A	B	C

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	24%	94%	3%	2%
Vol Thru, %	71%	4%	84%	3%
Vol Right, %	6%	1%	13%	95%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	17	598	32	398
LT Vol	4	564	1	6
Through Vol	12	26	27	13
RT Vol	1	8	4	379
Lane Flow Rate	28	623	36	457
Geometry Grp	1	1	1	1
Degree of Util (X)	0.053	0.973	0.064	0.715
Departure Headway (Hd)	6.864	5.622	6.382	5.623
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	525	642	556	640
Service Time	4.864	3.674	4.481	3.694
HCM Lane V/C Ratio	0.053	0.97	0.065	0.714
HCM Control Delay, s/veh	10.2	52.8	9.9	21.7
HCM Lane LOS	B	F	A	C
HCM 95th-tile Q	0.2	14.2	0.2	6

Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	8	13	301	3	14	587
Future Vol, veh/h	8	13	301	3	14	587
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	71	71	90	90	93	93
Heavy Vehicles, %	0	9	5	14	0	3
Mvmt Flow	11	18	334	3	15	631

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	997	336	0	0	338	0
Stage 1	336	-	-	-	-	-
Stage 2	661	-	-	-	-	-
Critical Hdwy	6.4	6.29	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.381	-	-	2.2	-
Pot Cap-1 Maneuver	273	690	-	-	1233	-
Stage 1	728	-	-	-	-	-
Stage 2	517	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	268	690	-	-	1233	-
Mov Cap-2 Maneuver	268	-	-	-	-	-
Stage 1	728	-	-	-	-	-
Stage 2	507	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	13.97	0	0.19
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	431	42	-
HCM Lane V/C Ratio	-	-	0.069	0.012	-
HCM Control Delay (s/veh)	-	-	14	8	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0	-

Intersection	
Intersection Delay, s/veh	46.8
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	375	18	3	0	50	6	4	7	1	6	3	536
Future Vol, veh/h	375	18	3	0	50	6	4	7	1	6	3	536
Peak Hour Factor	0.83	0.83	0.83	0.78	0.78	0.78	0.43	0.43	0.43	0.81	0.81	0.81
Heavy Vehicles, %	4	5	0	0	1	18	0	0	0	17	0	3
Mvmt Flow	452	22	4	0	64	8	9	16	2	7	4	662
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	33.9	11.1	10.5	61.3
HCM LOS	D	B	B	F

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	95%	0%	1%
Vol Thru, %	58%	5%	89%	1%
Vol Right, %	8%	1%	11%	98%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	12	396	56	545
LT Vol	4	375	0	6
Through Vol	7	18	50	3
RT Vol	1	3	6	536
Lane Flow Rate	28	477	72	673
Geometry Grp	1	1	1	1
Degree of Util (X)	0.054	0.836	0.137	1.012
Departure Headway (Hd)	7.129	6.31	7.032	5.412
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	505	568	513	666
Service Time	5.129	4.395	5.032	3.498
HCM Lane V/C Ratio	0.055	0.84	0.14	1.011
HCM Control Delay, s/veh	10.5	33.9	11.1	61.3
HCM Lane LOS	B	D	B	F
HCM 95th-tile Q	0.2	8.7	0.5	16.3

Intersection	
Int Delay, s/veh	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	12	626	10	18	421
Future Vol, veh/h	2	12	626	10	18	421
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	81	81	94	94	91	91
Heavy Vehicles, %	0	10	2	13	0	2
Mvmt Flow	2	15	666	11	20	463

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1173	671	0	0	677	0
Stage 1	671	-	-	-	-	-
Stage 2	502	-	-	-	-	-
Critical Hdwy	6.4	6.3	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.39	-	-	2.2	-
Pot Cap-1 Maneuver	214	443	-	-	925	-
Stage 1	512	-	-	-	-	-
Stage 2	612	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	208	443	-	-	925	-
Mov Cap-2 Maneuver	208	-	-	-	-	-
Stage 1	512	-	-	-	-	-
Stage 2	594	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	14.89	0	0.37
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	381	74	-
HCM Lane V/C Ratio	-	-	0.045	0.021	-
HCM Control Delay (s/veh)	-	-	14.9	9	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0.1	-

Intersection	
Intersection Delay, s/veh	51.5
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	599	28	8	1	29	4	4	13	1	6	14	402
Future Vol, veh/h	599	28	8	1	29	4	4	13	1	6	14	402
Peak Hour Factor	0.96	0.96	0.96	0.89	0.89	0.89	0.61	0.61	0.61	0.87	0.87	0.87
Heavy Vehicles, %	2	3	0	0	3	0	0	0	0	18	0	2
Mvmt Flow	624	29	8	1	33	4	7	21	2	7	16	462
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	75.5	10.2	10.5	24.5
HCM LOS	F	B	B	C

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	22%	94%	3%	1%
Vol Thru, %	72%	4%	85%	3%
Vol Right, %	6%	1%	12%	95%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	18	635	34	422
LT Vol	4	599	1	6
Through Vol	13	28	29	14
RT Vol	1	8	4	402
Lane Flow Rate	30	661	38	485
Geometry Grp	1	1	1	1
Degree of Util (X)	0.056	1.057	0.069	0.752
Departure Headway (Hd)	7.117	5.753	6.684	5.867
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	506	635	539	621
Service Time	5.117	3.757	4.684	3.867
HCM Lane V/C Ratio	0.059	1.041	0.071	0.781
HCM Control Delay, s/veh	10.5	75.5	10.2	24.5
HCM Lane LOS	B	F	B	C
HCM 95th-tile Q	0.2	18.1	0.2	6.7

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	11	21	304	4	19	588
Future Vol, veh/h	11	21	304	4	19	588
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	71	71	90	90	93	93
Heavy Vehicles, %	0	9	5	14	0	3
Mvmt Flow	15	30	338	4	20	632

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1013	340	0	0	342	0
Stage 1	340	-	-	-	-	-
Stage 2	673	-	-	-	-	-
Critical Hdwy	6.4	6.29	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.381	-	-	2.2	-
Pot Cap-1 Maneuver	267	687	-	-	1228	-
Stage 1	725	-	-	-	-	-
Stage 2	511	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	260	687	-	-	1228	-
Mov Cap-2 Maneuver	260	-	-	-	-	-
Stage 1	725	-	-	-	-	-
Stage 2	498	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	14.13	0	0.25
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	439	56	-
HCM Lane V/C Ratio	-	-	0.103	0.017	-
HCM Control Delay (s/veh)	-	-	14.1	8	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.3	0.1	-

Intersection	
Intersection Delay, s/veh	51
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	376	23	3	0	59	9	4	7	1	7	3	539
Future Vol, veh/h	376	23	3	0	59	9	4	7	1	7	3	539
Peak Hour Factor	0.83	0.83	0.83	0.78	0.78	0.78	0.43	0.43	0.43	0.81	0.81	0.81
Heavy Vehicles, %	4	5	0	0	1	18	0	0	0	17	0	3
Mvmt Flow	453	28	4	0	76	12	9	16	2	9	4	665
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	37	11.5	10.7	67.8
HCM LOS	E	B	B	F

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	94%	0%	1%
Vol Thru, %	58%	6%	87%	1%
Vol Right, %	8%	1%	13%	98%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	12	402	68	549
LT Vol	4	376	0	7
Through Vol	7	23	59	3
RT Vol	1	3	9	539
Lane Flow Rate	28	484	87	678
Geometry Grp	1	1	1	1
Degree of Util (X)	0.055	0.859	0.168	1.034
Departure Headway (Hd)	7.298	6.384	7.102	5.493
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	494	562	508	657
Service Time	5.298	4.48	5.102	3.588
HCM Lane V/C Ratio	0.057	0.861	0.171	1.032
HCM Control Delay, s/veh	10.7	37	11.5	67.8
HCM Lane LOS	B	E	B	F
HCM 95th-tile Q	0.2	9.3	0.6	17.2

Intersection	
Int Delay, s/veh	2.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	17	6	1	12	11	3
Future Vol, veh/h	17	6	1	12	11	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	67	67	69	69	92	92
Heavy Vehicles, %	0	0	0	9	0	0
Mvmt Flow	25	9	1	17	12	3

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	34	0	50	30
Stage 1	-	-	-	-	30	-
Stage 2	-	-	-	-	20	-
Critical Hdwy	-	-	4.1	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	-	-	2.2	-	3.5	3.3
Pot Cap-1 Maneuver	-	-	1590	-	964	1050
Stage 1	-	-	-	-	998	-
Stage 2	-	-	-	-	1008	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1590	-	963	1050
Mov Cap-2 Maneuver	-	-	-	-	963	-
Stage 1	-	-	-	-	998	-
Stage 2	-	-	-	-	1007	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0.56	8.73
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	981	-	-	138	-
HCM Lane V/C Ratio	0.016	-	-	0.001	-
HCM Control Delay (s/veh)	8.7	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	6	23	55	1	3	12
Future Vol, veh/h	6	23	55	1	3	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	81	81	92	92
Heavy Vehicles, %	0	9	0	0	0	0
Mvmt Flow	7	25	68	1	3	13

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	69	0	-	0	107	69
Stage 1	-	-	-	-	69	-
Stage 2	-	-	-	-	38	-
Critical Hdwy	4.1	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.2	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1545	-	-	-	896	1000
Stage 1	-	-	-	-	959	-
Stage 2	-	-	-	-	990	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1545	-	-	-	892	1000
Mov Cap-2 Maneuver	-	-	-	-	892	-
Stage 1	-	-	-	-	955	-
Stage 2	-	-	-	-	990	-

Approach	EB	WB	SB
HCM Control Delay, s/v	1.52	0	8.75
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	372	-	-	-	977
HCM Lane V/C Ratio	0.004	-	-	-	0.017
HCM Control Delay (s/veh)	7.3	0	-	-	8.7
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0.1

Intersection	
Int Delay, s/veh	0.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	4	17	628	13	27	424
Future Vol, veh/h	4	17	628	13	27	424
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	81	81	94	94	91	91
Heavy Vehicles, %	0	10	2	13	0	2
Mvmt Flow	5	21	668	14	30	466

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1200	675	0	0	682	0
Stage 1	675	-	-	-	-	-
Stage 2	525	-	-	-	-	-
Critical Hdwy	6.4	6.3	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.39	-	-	2.2	-
Pot Cap-1 Maneuver	206	440	-	-	920	-
Stage 1	510	-	-	-	-	-
Stage 2	597	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	197	440	-	-	920	-
Mov Cap-2 Maneuver	197	-	-	-	-	-
Stage 1	510	-	-	-	-	-
Stage 2	571	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	15.88	0	0.54
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	357	108	-
HCM Lane V/C Ratio	-	-	0.073	0.032	-
HCM Control Delay (s/veh)	-	-	15.9	9	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1	-

Intersection	
Intersection Delay, s/veh	57.2
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	602	37	8	1	35	6	4	13	1	9	14	404
Future Vol, veh/h	602	37	8	1	35	6	4	13	1	9	14	404
Peak Hour Factor	0.96	0.96	0.96	0.89	0.89	0.89	0.61	0.61	0.61	0.87	0.87	0.87
Heavy Vehicles, %	2	3	0	0	3	0	0	0	0	18	0	2
Mvmt Flow	627	39	8	1	39	7	7	21	2	10	16	464
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	85.2	10.4	10.7	26.1
HCM LOS	F	B	B	D

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	22%	93%	2%	2%
Vol Thru, %	72%	6%	83%	3%
Vol Right, %	6%	1%	14%	95%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	18	647	42	427
LT Vol	4	602	1	9
Through Vol	13	37	35	14
RT Vol	1	8	6	404
Lane Flow Rate	30	674	47	491
Geometry Grp	1	1	1	1
Degree of Util (X)	0.057	1.087	0.086	0.77
Departure Headway (Hd)	7.251	5.806	6.751	5.953
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	497	627	534	614
Service Time	5.251	3.813	4.751	3.953
HCM Lane V/C Ratio	0.06	1.075	0.088	0.8
HCM Control Delay, s/veh	10.7	85.2	10.4	26.1
HCM Lane LOS	B	F	B	D
HCM 95th-tile Q	0.2	19.6	0.3	7.1

Intersection	
Int Delay, s/veh	1.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	21	12	3	13	7	2
Future Vol, veh/h	21	12	3	13	7	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	60	60	92	92
Heavy Vehicles, %	0	0	0	8	0	0
Mvmt Flow	30	17	5	22	8	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	46	0	70	38
Stage 1	-	-	-	-	38	-
Stage 2	-	-	-	-	32	-
Critical Hdwy	-	-	4.1	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	-	-	2.2	-	3.5	3.3
Pot Cap-1 Maneuver	-	-	1574	-	940	1040
Stage 1	-	-	-	-	990	-
Stage 2	-	-	-	-	996	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1574	-	937	1040
Mov Cap-2 Maneuver	-	-	-	-	937	-
Stage 1	-	-	-	-	990	-
Stage 2	-	-	-	-	993	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	1.37	8.8
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	958	-	-	338	-
HCM Lane V/C Ratio	0.01	-	-	0.003	-
HCM Control Delay (s/veh)	8.8	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	1.9

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	12	33	29	3	2	8
Future Vol, veh/h	12	33	29	3	2	8
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	60	60	75	75	92	92
Heavy Vehicles, %	0	6	4	0	0	0
Mvmt Flow	20	55	39	4	2	9

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	43	0	-	0	136	41
Stage 1	-	-	-	-	41	-
Stage 2	-	-	-	-	95	-
Critical Hdwy	4.1	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.2	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1579	-	-	-	863	1036
Stage 1	-	-	-	-	987	-
Stage 2	-	-	-	-	934	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1579	-	-	-	851	1036
Mov Cap-2 Maneuver	-	-	-	-	851	-
Stage 1	-	-	-	-	974	-
Stage 2	-	-	-	-	934	-

Approach	EB	WB	SB
HCM Control Delay, s/v	1.95	0	8.67
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	480	-	-	-	993
HCM Lane V/C Ratio	0.013	-	-	-	0.011
HCM Control Delay (s/veh)	7.3	0	-	-	8.7
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

APPENDIX D:

TURN LANE EVALUATIONS

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

INPUT

Roadway geometry:	4-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	33
Right-turn volume, veh/h:	12

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	90701
Guidance for determining the need for a major-road right-turn bay for a 4-lane roadway:	
Do NOT add right-turn bay.	

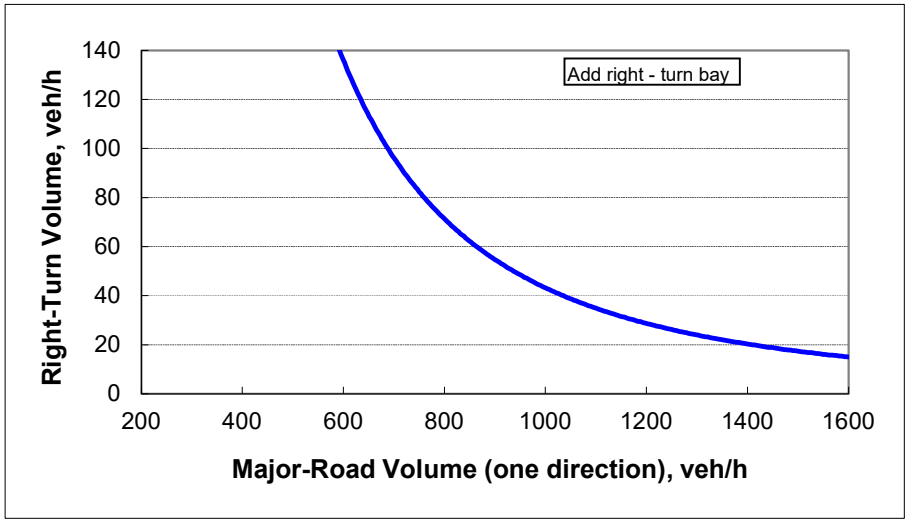


Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	35
Major-road volume (one direction), veh/h:	56
Right-turn volume, veh/h:	1

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	589035
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	

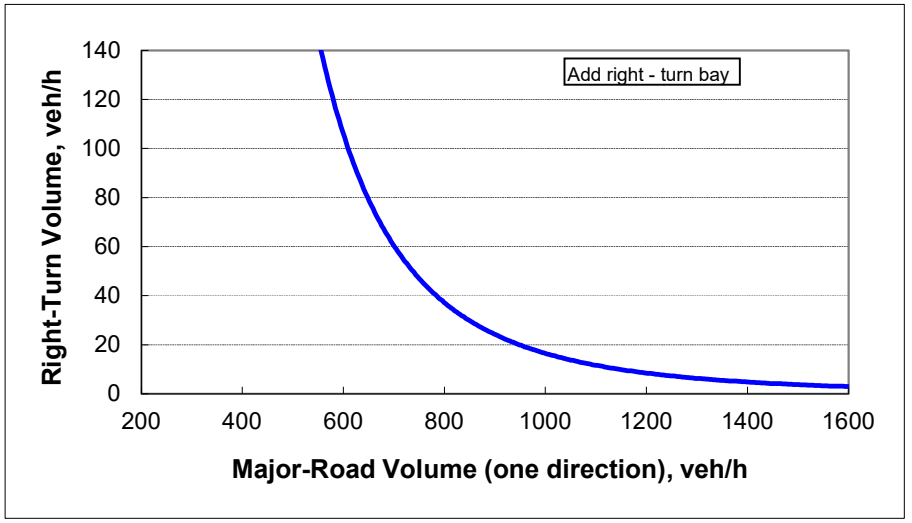


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection.

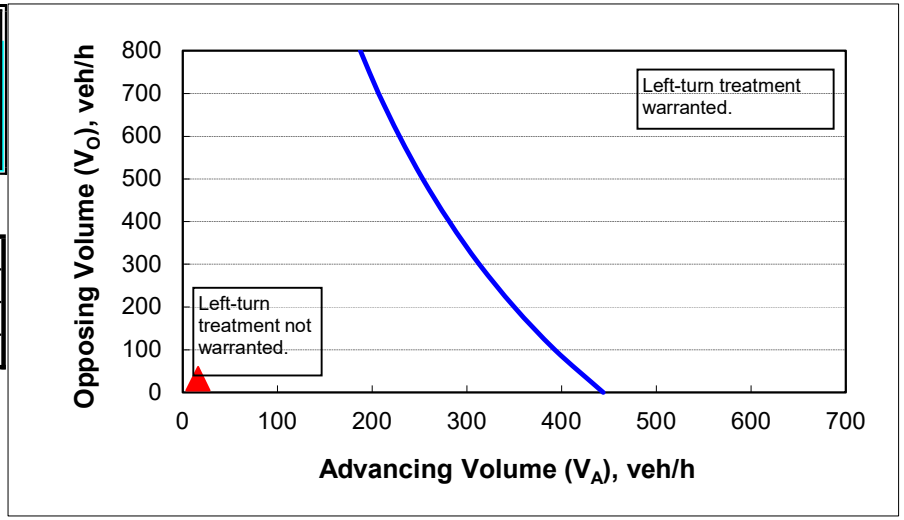
2-lane roadway (English)

INPUT

Variable	Value
85th percentile speed, mph:	40
Percent of left-turns in advancing volume (V_A), %:	19%
Advancing volume (V_A), veh/h:	16
Opposing volume (V_O), veh/h:	33

OUTPUT

Variable	Value
Limiting advancing volume (V_A), veh/h:	426
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	



CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection.

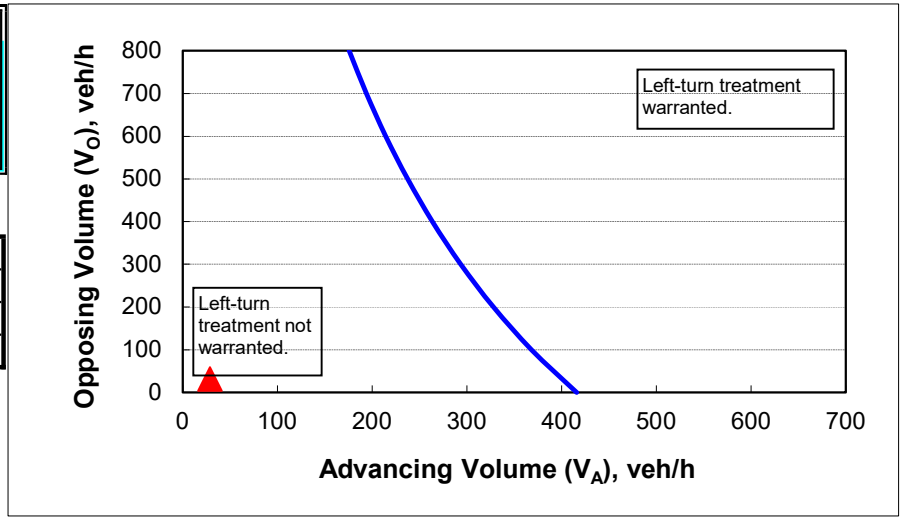
2-lane roadway (English)

INPUT

Variable	Value
85th percentile speed, mph:	35
Percent of left-turns in advancing volume (V_A), %:	27%
Advancing volume (V_A), veh/h:	29
Opposing volume (V_O), veh/h:	32

OUTPUT

Variable	Value
Limiting advancing volume (V_A), veh/h:	400
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	



CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

TRAFFIC IMPACT STUDY FOR

SOMERSET AT SARDIS CREEK RESIDENTIAL DEVELOPMENT

DATE:
March 12, 2024

LOCATION:
Hall County, Georgia

PREPARED FOR:
One Alliance Center

PREPARED BY:
NV5 Engineers and Consultants, Inc.
10745 Westside Way, Suite 300
Alpharetta, GA 30009
678.795.3600

nv5.com

Executive Summary

A new residential development is proposed for construction along Antioch Campground Road in Hall County, Georgia. The proposed development will consist of 115 senior adult (55+) homes and will utilize one (1) full-access driveway and one (1) right-in/right out driveway along Antioch Campground Road. The development has a projected build out date of 2026.

When complete, the development is expected to generate a total of 668 new daily trips, 43 trips during the AM peak hour (14 entering and 29 exiting), and 49 during the PM peak hour (30 entering and 19 exiting).

Traffic operations at the intersection of Antioch Campground Road and Sardis Road are satisfactory in Existing conditions. Traffic volumes are expected to worsen slightly in the No-Build scenario due to the anticipated background growth in the study area, but the intersection will still continue to operate adequately.

The addition of project traffic is expected to increase the delay at the intersection slightly, however it is not expected to operate below a Level of Service (LOS) C. The proposed driveways are also expected to operate at a satisfactory LOS and have little impact on traffic operations along Antioch Campground Road.

Turn lanes are not warranted at either driveway due to the low traffic volume along Antioch Campground Road. Both driveways also meet Hall County's sight distance requirements.

Based on the analysis prepared for the proposed development, improvements at the existing study intersection are not required to mitigate the impact of the proposed development.

TABLE OF CONTENTS

Executive Summary i
A. Introduction 1
B. Existing Conditions 4
B.1. Transportation Facilities 4
B.2. Traffic Counts 4
C. Future Conditions 6
C.1. Background Growth 6
C.2. Project Trip Generation 6
C.3. Trip Distribution and Assignment 6
D. Traffic Impact Analyses 11
D.1. 2023 Existing Conditions Analysis 11
D.2. 2026 No-Build Conditions Capacity Analysis 11
D.3. 2026 Build Conditions Capacity Analysis 12
E. Driveway Evaluations 13
E.1. NCHRP Turn Lane Evaluations 13
E.2. Sight Distance Evaluation 14
F. Conclusions 15

LIST OF TABLES

Table 1: Trip Generation 6
Table 2: 2023 Existing Conditions Capacity Analysis 11
Table 3: 2026 No-Build Capacity Analysis 11
Table 4: 2026 Build Capacity Analysis 12
Table 5: Sight Distance 14

LIST OF FIGURES

Figure 1: Vicinity Map 2
Figure 2: Site Location Aerial 3
Figure 3: 2023 Existing Traffic Volumes 5
Figure 4: 2026 No-Build Traffic Volumes 7
Figure 5: Project Trip Distribution 8
Figure 6: Project Development Trips 9
Figure 7: 2026 Build Traffic Volumes 10
Figure 8: NCHRP Turn Lane Evaluations 13

LIST OF APPENDICES

Appendix A: Development Concept Plan
Appendix B: Traffic Counts & Growth Rate Development Worksheet
Appendix C: Synchro Reports
Appendix D: Turn Lane Evaluations

A. Introduction

A new residential development is proposed for construction along Antioch Campground Road in Hall County, Georgia. The proposed development will consist of 115 senior adult (55+) homes. The development will utilize one (1) full-access driveway and one (1) right-in/right out driveway along Antioch Campground Road.

The traffic analyses in this report assume a single phase of construction. The purpose of this report is to identify the traffic expected to be generated by new vehicular trips when the development is complete. This study includes analysis of 2023 Existing and 2026 Future conditions, including No-Build and Build scenarios, at the following intersections:

1. Antioch Campground Road at Sardis Road
2. Antioch Campground Road at Site Driveway 1
3. Antioch Campground Road at Site Driveway 2

The report summarizes the analysis of existing, background and projected traffic at the study locations, analysis of traffic impacts including delays and Levels of Service (LOS), and conclusions and recommendations from the analysis.

Figure 1 depicts the study area (vicinity map) in Hall County, Georgia. The study intersections listed above are depicted in Figure 2. A copy of the development concept plan is included in Appendix A.

Figure 1: Vicinity Map

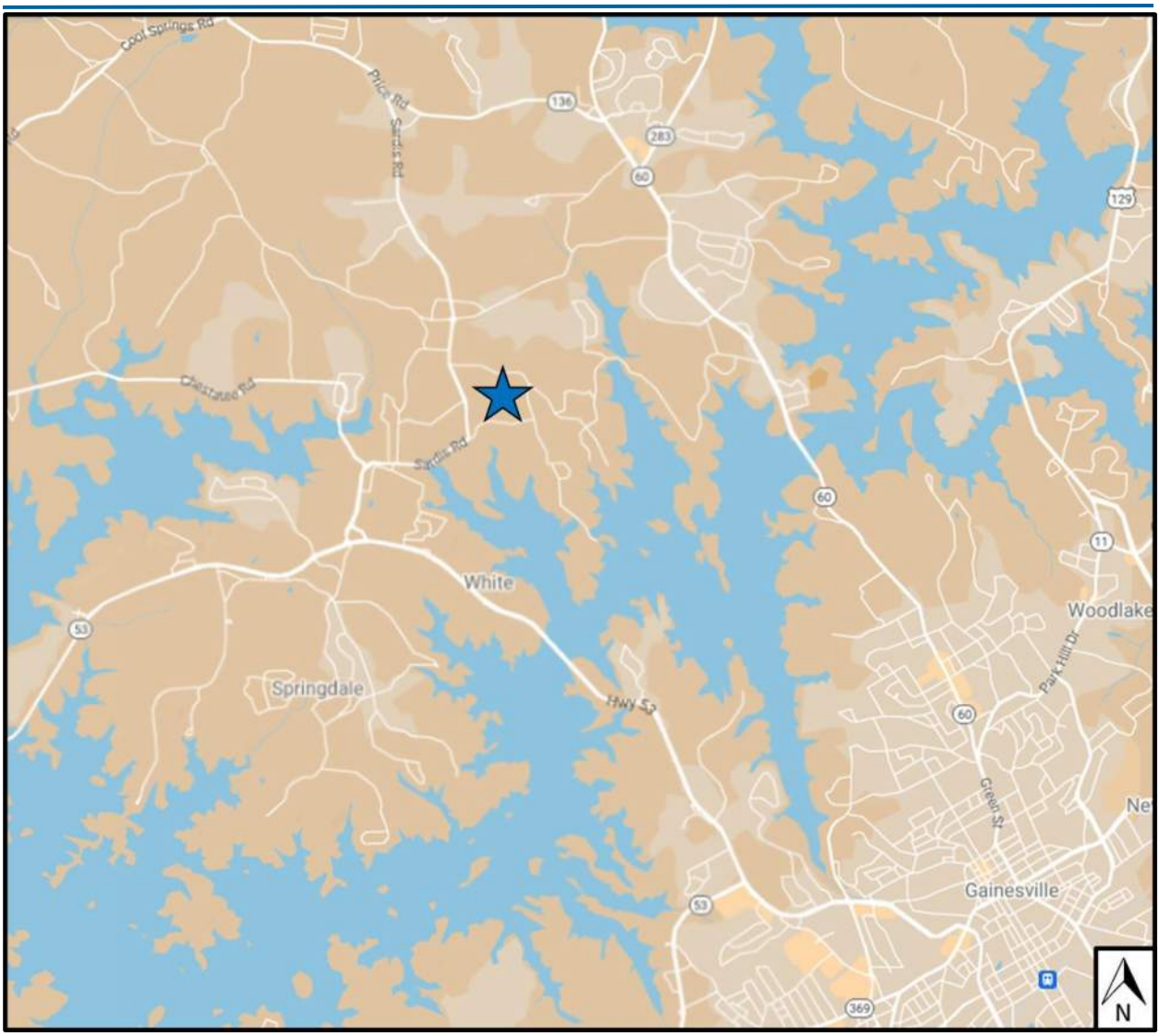


Figure 2: Site Location Aerial

1. Antioch Campground Road at Sardis Road
2. Antioch Campground Road at Site Driveway 1
3. Antioch Campground Road at Site Driveway 2

B. Existing Conditions

B.1. Transportation Facilities

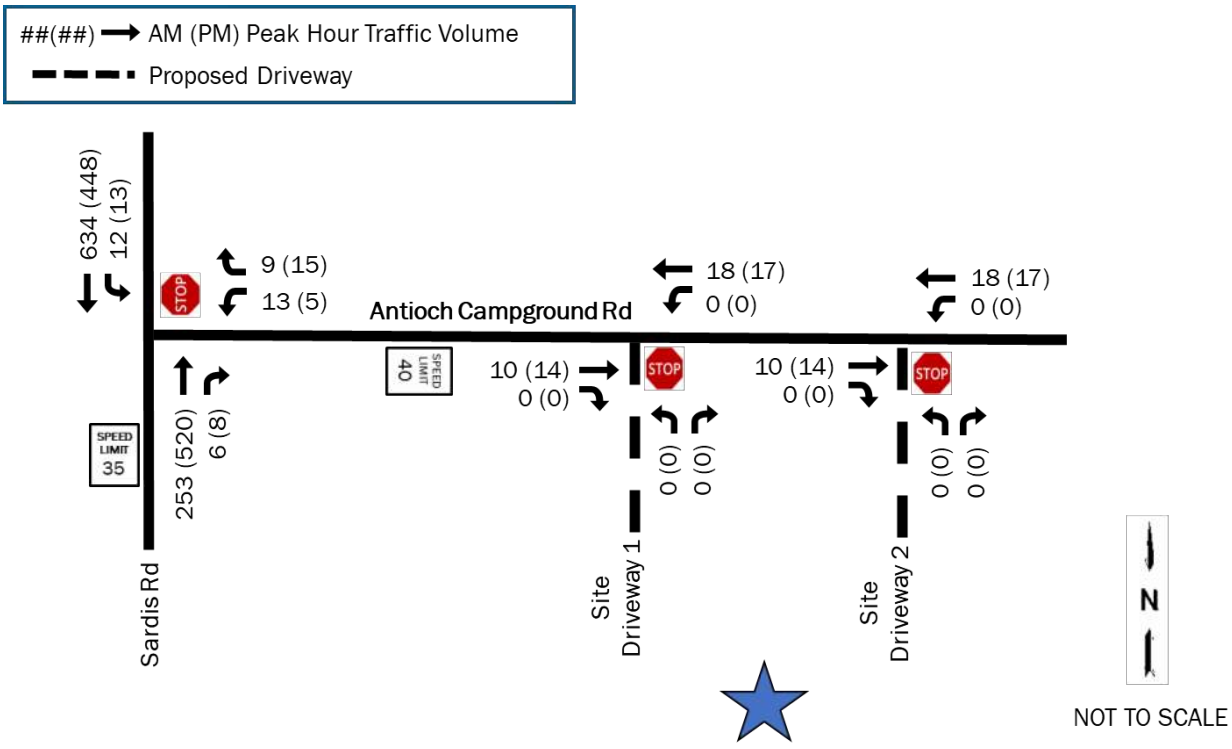
Sardis Road is a two-lane undivided roadway with a north/south orientation that runs south towards SR 53/Dawsonville Highway and north towards SR 136/Price Road. Sardis Road has a posted speed limit of 35 miles per hour (MPH) near the project site. A school zone lowers the speed limit to 30 MPH approximately 230 feet south of its intersection with Antioch Campground Road. The school zone extends approximately 1,700 feet south. Land uses along Sardis Road in the study area are primarily residential, recreational, and institutional in the area.

Antioch Campground Road is a two-lane undivided roadway that runs east from its intersections with Sardis Road approximately two miles east before its termination. Antioch Campground Road has no posted speed limit, but the Hall County Municipal Code states that the road is zoned for 40 miles per hour between Sardis Road and East Lake Drive. Land uses along its length are primarily residential and recreational.

B.2. Traffic Counts

Weekday AM and PM peak period turning movement counts were collected at the existing study intersection on Tuesday, August 8, 2023. Average daily traffic counts were also taken on Antioch Campground Road near the proposed site driveway. The average daily weekday traffic along Sardis Road is approximately 360 vehicles per day. Counts were collected while schools were in session and are included in Appendix B.

Figure 3: 2023 Existing Traffic Volumes



C. Future Conditions

C.1. Background Growth

The project is expected to be built-out in 2026. An analysis of historical traffic counts collected by the Georgia Department of Transportation (GDOT) within the study area suggests a growth rate of 0.3% while US census data suggests a growth rate of 1.3%. To account for possible future development in the area, a growth rate of 2% was applied to the traffic counts over three years to establish the future (No-Build) volumes. The expected No-Build volumes are depicted in Figure 4. The growth rate development worksheet is included in Appendix B.

C.2. Project Trip Generation

Table 1 summarizes the project trip generation calculated using the Institute of Transportation Engineers' (ITE) Trip Generation Manual, 11th Edition, 2021. The new development consists of 115 Senior Adult (55+) homes.

Table 1: Trip Generation

LAND USE	PERIOD	TOTAL	IN	OUT
Senior Adult Housing – Single Family, LUC 251 (115 Dwelling Units)	Daily	668	334	334
	AM Peak Hour	43	14	29
	PM Peak Hour	49	30	19

The development will generate a total of 43 trips (14 entering and 29 exiting) during the AM peak hour, and a total of 49 trips (30 entering and 19 exiting) during the PM peak hour.

C.3. Trip Distribution and Assignment

The assignment and directional distribution of new project trips was based on the existing traffic patterns observed in the overall study area. It is expected that approximately 40% of the expected site traffic will travel to/from the north along Sardis Road, approximately 40% will travel to/from the south along Sardis Road, and the remaining 20% will travel to/from the east along Antioch Campground Road. The trip distribution is shown in Figure 5. The project trips generated from the development utilizing the trip distribution are depicted in Figure 6. The No-Build plus project trips (Build volumes) are depicted in Figure 7.

Figure 4: 2026 No-Build Traffic Volumes

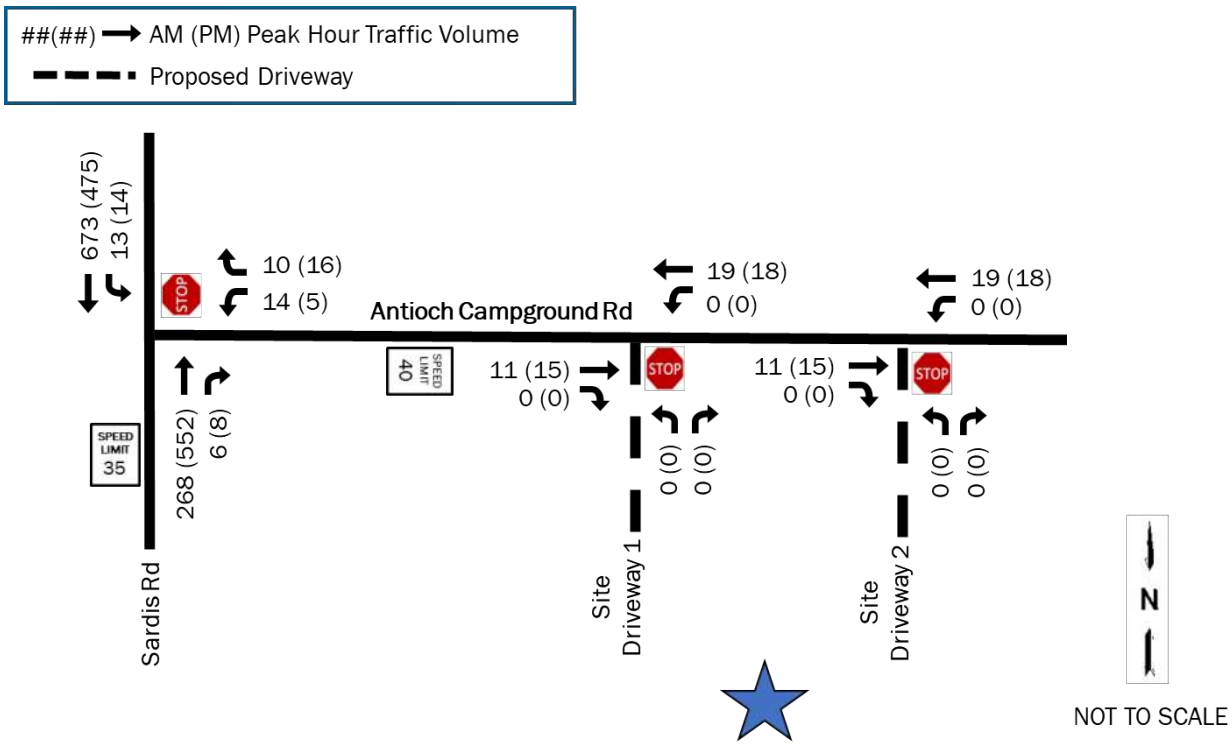


Figure 5: Project Trip Distribution

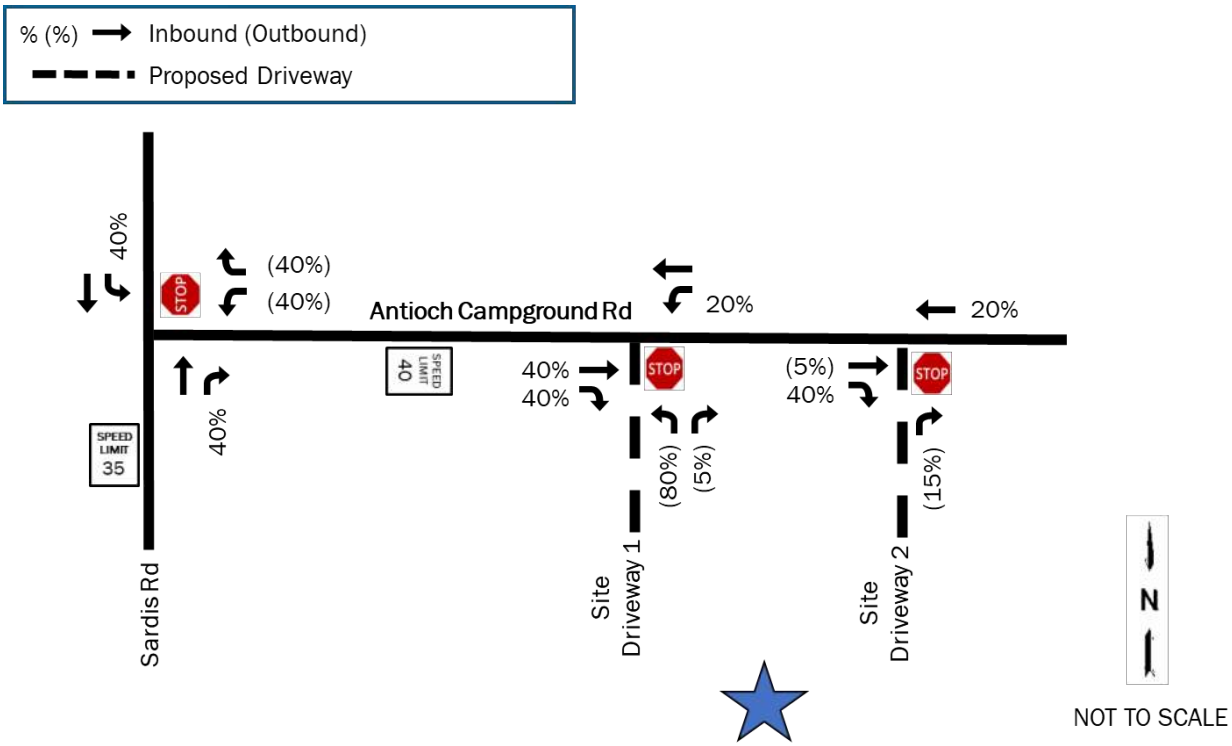


Figure 6: Project Development Trips

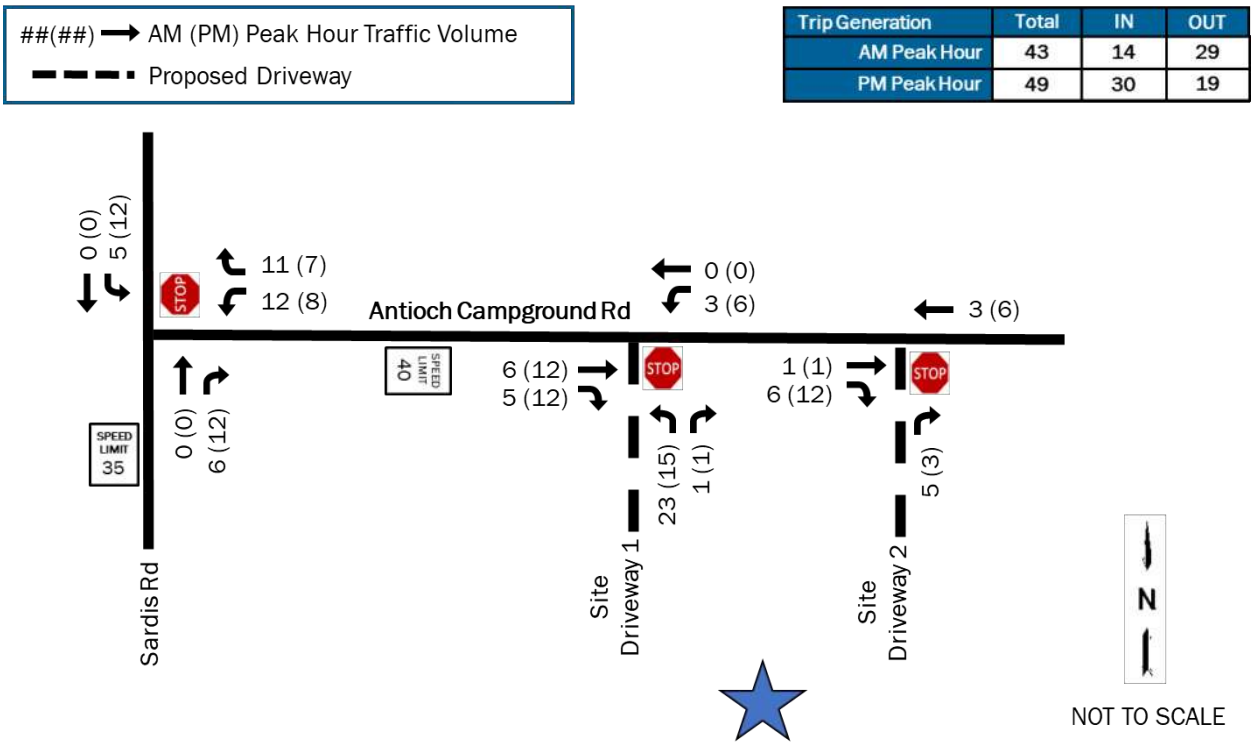
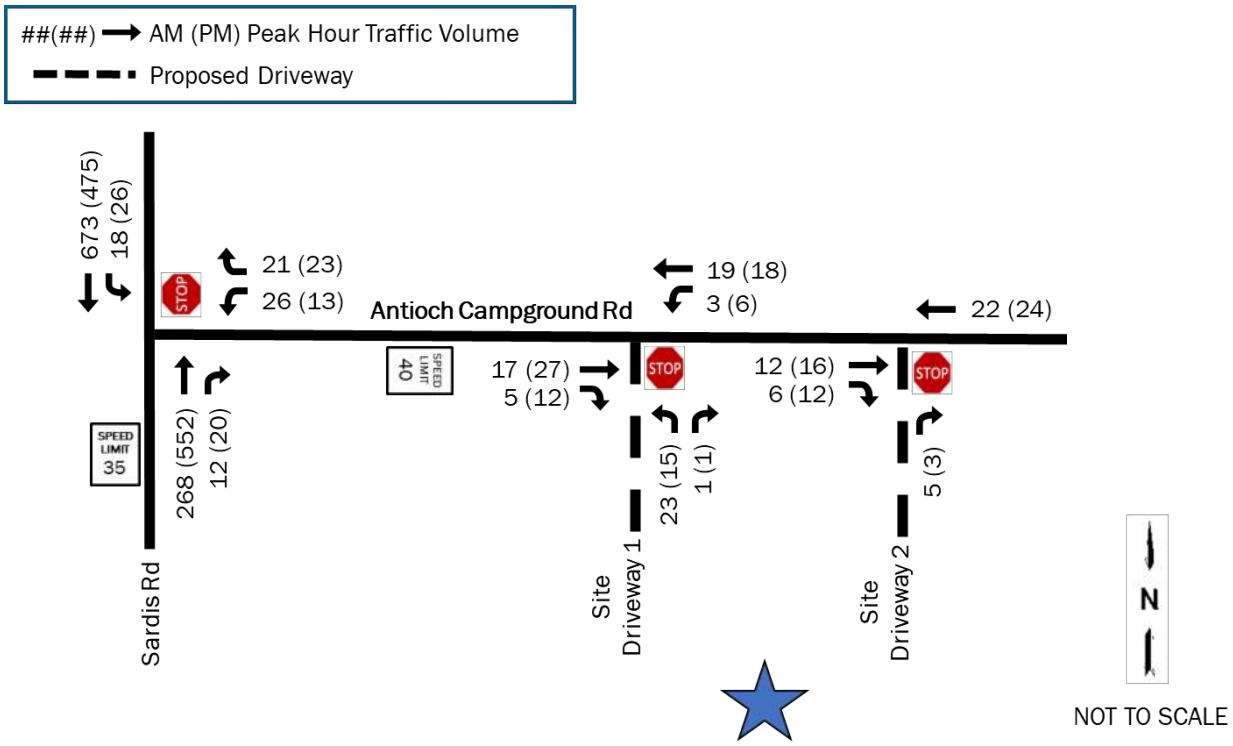


Figure 7: 2026 Build Traffic Volumes



D. Traffic Impact Analyses

The analysis in each of the scenarios for the study was performed using the traffic analysis software Synchro® 12. Average vehicular delays are calculated and reported as Levels of Service (LOS) as defined by the Highway Capacity Manual (HCM 7th Edition). HCM uses a grading system A through F, where A is the best (little to no delay), and F is the worst (very heavy delay). HCM Levels of Service (LOS) standards and Synchro® output reports are included in Appendix C.

D.1. 2023 Existing Conditions Analysis

The results of the 2023 Existing conditions capacity analysis are shown in Table 2 and include analysis of the traffic volumes presented in Figure 3.

Table 2: 2023 Existing Conditions Capacity Analysis

ID	Intersection	Control	Movement	AM		PM	
				LOS	Delay	LOS	Delay
1	Antioch Campground Rd & Sardis Rd	Stop-Control	WB	C	15.9	B	14.2
			SBL	A	7.8	A	8.6

As shown in Table 2, the intersection of Antioch Campground Road and Sardis Road operates with acceptable LOS during the AM and PM peak hours.

D.2. 2026 No-Build Conditions Capacity Analysis

The results of the 2026 No-Build conditions capacity analysis are shown in Table 3 for the operation of the intersection of Antioch Campground Road and Sardis Road with the traffic volumes presented in Figure 4.

Table 3: 2026 No-Build Capacity Analysis

ID	Intersection	Control	Movement	AM		PM	
				LOS	Delay	LOS	Delay
1	Antioch Campground Rd & Sardis Rd	Stop-Control	WB	C	16.8	B	14.8
			SBL	A	7.9	A	8.7

As shown in Table 3, traffic operations at the intersection of Antioch Campground Road and Sardis Road are expected to experience a nominal increase in delay due to the applied growth rate. The delays at the intersection are expected to increase slightly, but the overall LOS remain consistent with the Existing conditions and will continue to operate acceptably.

D.3. 2026 Build Conditions Capacity Analysis

The results of the 2026 Build conditions intersection capacity analysis are shown in Table 4 for No-Build plus project volumes as presented in Figure 7.

Table 4: 2026 Build Capacity Analysis

ID	Intersection	Control	Movement	AM		PM	
				LOS	Delay	LOS	Delay
1	Antioch Campground Rd & Sardis Rd	Stop-Control	WB	C	17.8	C	17.1
			SBL	A	7.9	A	8.8
2	Antioch Campground Rd & Site Driveway 1	Stop-Control	NB	A	8.8	A	8.9
			WBL	A	7.3	A	7.3
3	Antioch Campground Rd & Site Driveway 2	Stop-Control	NB	A	8.4	A	8.4

As shown in Table 4, the addition of project traffic to the intersection of Antioch Campground Road and Sardis Road is expected to have a minimal impact on the operation of the study intersection. The intersection of Sardis Road at Antioch Campground Road is expected to experience a slight increase in delays due to the added trips; however, the overall LOS remain satisfactory. The addition of two (2) driveways on Antioch Campground Road does not impact the functionality of traffic operations along Antioch Campground Road.

E. Driveway Evaluations

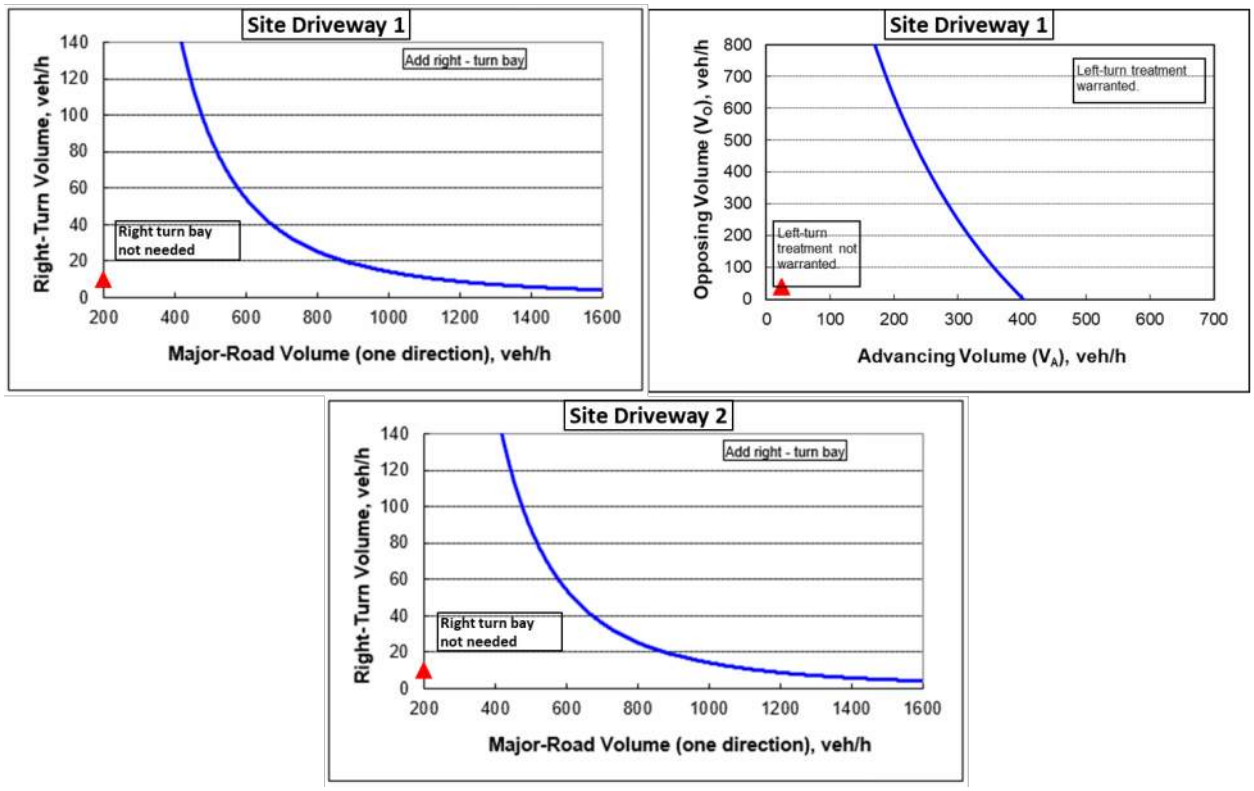
E.1. NCHRP Turn Lane Evaluations

The need for turn lanes was evaluated at the proposed site driveways along Antioch Campground Road using NCHRP Report 457. Figure 2-6 in the report shows that for a 40 MPH roadway, the road would need to exceed 400 vehicles per hour in one direction before a right-turn lane would be warranted. At most, Antioch Campground Road is expected to have 39 hourly trips in one direction. Right-Turn lanes are not warranted at either driveway.

For the full-access driveway, the NCHRP report Figure 2-5 shows that a left-turn lane is warranted if left-turns exceed 40% of the advancing traffic and there is more than 200 advancing vehicles while having several hundred opposing vehicles. While it is expected that 25% of the westbound traffic in the PM peak period is expected to turn left, there are only 24 expected westbound vehicles and 39 expected opposing vehicles at most, far short of what warrants a left-turn lane.

The tables for each driveway turn-lane evaluation are shown in figure 8 and are also included in Appendix D.

Figure 8: NCHRP Turn Lane Evaluations



E.2. Sight Distance Evaluation

According to the Hall County Residential Driveway Requirements, a minimum intersection sight distance is required for a passenger car entering the intersection from a site driveway. Based on the designated speed limit of 40 MPH for Antioch Campground Road, an intersection sight distance of 441 feet is required for the site driveway at Antioch Campground Road. A breakdown of the sight distance at the two driveways is shown in Table 5 below using measurements provided by the site plan.

Table 5: Sight Distance

ID	Intersection	Direction	Distance Required	Distance Measured	Sight Distance Met?
2	Antioch Campground Rd & Site Driveway 1	Looking Left	441	475	YES
		Looking Right		500	YES
3	Antioch Campground Rd & Site Driveway 2	Looking Left		784	YES
		Looking Right		N/A	N/A

As shown in Table 5, both driveways meet Hall County's sight distance requirement for vehicles making turns out of the driveways. Sight distance looking right at site driveway 2 was not evaluated since the driveway is proposed to be a right-in/right-out driveway.

F. Conclusions

A new residential development is proposed for construction along Antioch Campground Road in Hall County, Georgia. The proposed development will consist of 115 senior adult (55+) homes and will utilize one (1) full-access driveway and one (1) right-in/right out driveway along Antioch Campground Road. The development has a projected build out date of 2026.

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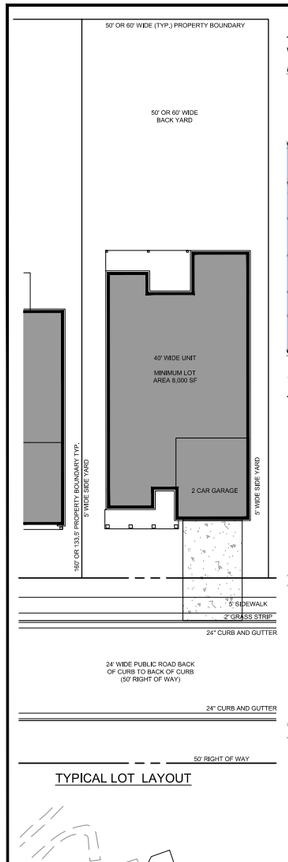
Turn lanes are not warranted at either driveway due to the low traffic volume along Antioch Campground Road. Both driveways also meet Hall County's sight distance requirements.

Based on the analysis prepared for the proposed development, improvements at the existing study intersection are not required to mitigate the impact of the proposed development.

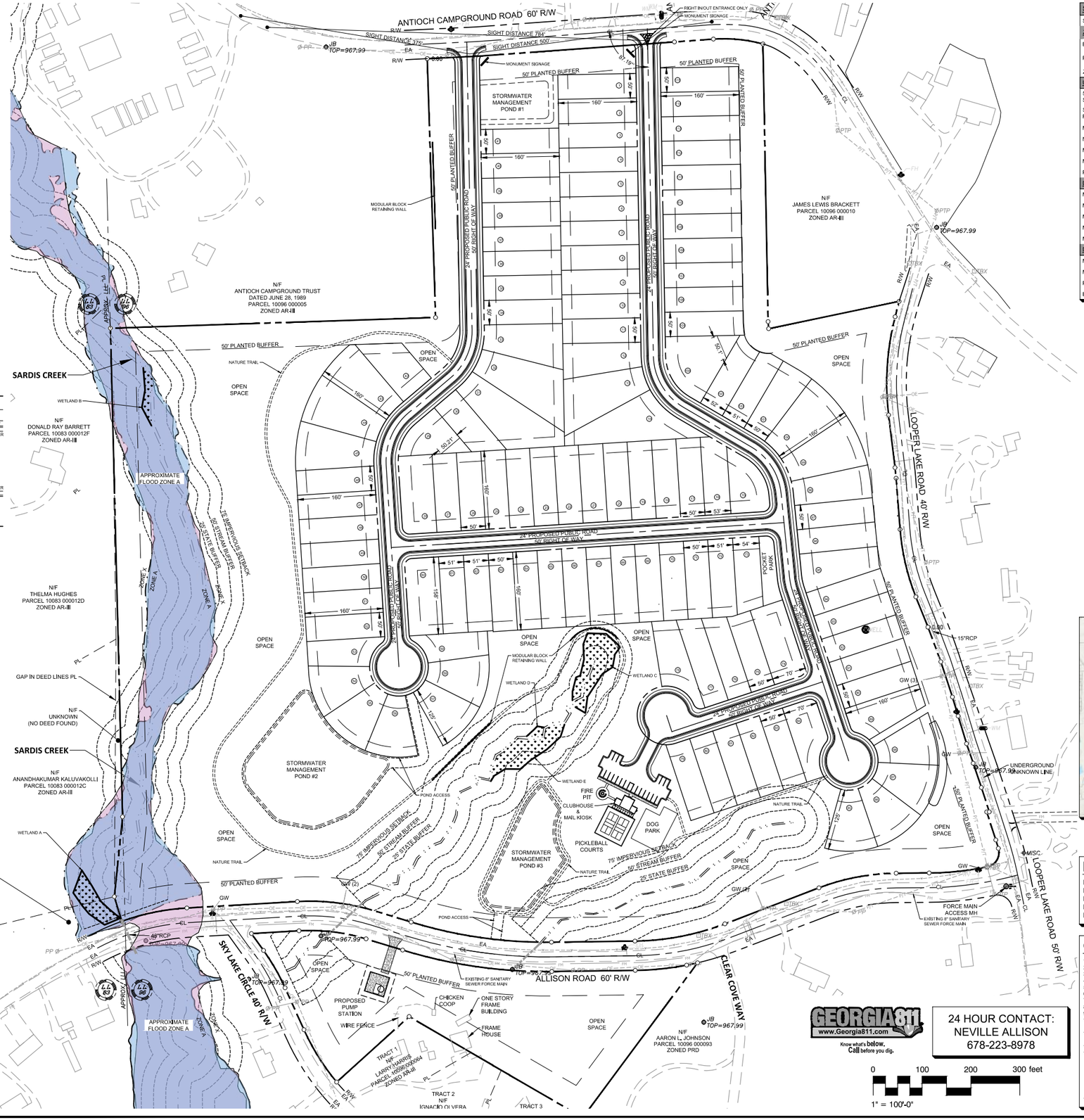
APPENDIX A:

DEVELOPMENT

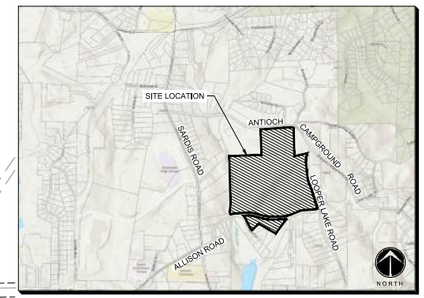
CONCEPT PLAN



TYPICAL LOT LAYOUT



SITE DATA:	
SITE AREA	59.003 ACRES
ZONING	
EXISTING ZONING	AR-III
PROPOSED ZONING	PRD (PLANNED RESIDENTIAL DEVELOPMENT) SENIOR ORIENTED RESIDENTIAL USE
ZONING JURISDICTION	HALL COUNTY
USE	
50' WIDE LOTS - 38' WIDE FRONT-LOADED SINGLE-FAMILY	115 UNITS
SINGLE-FAMILY GARAGE DOORS (FLUSH WITH FRONT FACADE)	16 FEET WIDE OR 42% WIDTH OF UNIT
MAXIMUM HEIGHT	35 FEET
NUMBER OF STORIES	TWO-STORY
MINIMUM UNIT SIZE	2,100 SF
MAXIMUM DENSITY	2.00 UNITS
PROPOSED DENSITY	1.95 UNITS PER ACRE
DIMENSIONAL STANDARDS SINGLE-FAMILY	
MINIMUM LOT AREA	8,000 SF
MINIMUM LOT WIDTH	50 FEET
MINIMUM FRONT YARD SETBACK	25 FEET
MINIMUM SIDE YARD SETBACK	5 FEET
MINIMUM REAR YARD SETBACK	20 FEET
DIMENSIONAL STANDARDS (TOWNHOMES)	
MINIMUM PUBLIC ROAD FRONTAGE	75 FEET
MINIMUM OPEN SPACE	30% OR 17.701 ACRES
PROPOSED OPEN SPACE	47.8% OR 28.193 ACRES
BUFFER	50 FOOT PLANTED BUFFER ALONG PERIMETER



SITE LOCATION MAP
NOT TO SCALE

PROPERTY OWNERS:

PARCEL ID: 10096 000006 - CAROLE FREEMAN
PARCEL ID: 10096 000004 - WESLEY MARTIN
PARCEL ID: 10096 000059 - LAMAR COLLINS
PARCEL ID: 10096 000061 - LAMAR COLLINS
PARCEL ID: 10096 000062 - LAMAR COLLINS

GENERAL NOTES:

1. STREAMS AND WETLANDS ARE LOCATED ON THE SITE
2. FLOODPLAIN IS LOCATED ON THE SITE
3. NO POWER TRANSMISSION OR GAS PIPELINE EASEMENTS ARE LOCATED ON THE SITE
4. NO CEMETERIES ARE LOCATED ON THE SITE
5. SIZE AND LOCATION OF PROPOSED STRUCTURES AS INDICATED ON THE SITE PLAN
6. SPEED LIMIT ON ANTIOCH CAMPGROUND ROAD IS 35 MPH.
7. SPEED LIMIT ON LOOPER LAKE ROAD IS 35 MPH.
8. SPEED LIMIT ON ALLISON ROAD IS 35 MPH
9. WATER UTILITY PROVIDER IS CITY OF GAINESVILLE.
10. SANITARY SEWER PROVIDER IS CITY OF GAINESVILLE. DEVELOPMENT TO BE SERVED BY GRAVITY SEWER. A PROPOSED PUMP STATION IS REQUIRED.
11. THIS CONCEPT PLAN UTILIZES GIS DATA FOR FLOOD HAZARD AREA, TOPOGRAPHY, SANITARY SEWER FORCE MAIN AND UNDERGROUND WATER MAIN.
12. EXISTING TREE CANOPY COVERS THE SITE.
13. THE HOA(S) WILL MAINTAIN AND MANAGE ALL OF THE COMMON AREAS OF THE DEVELOPMENT, INCLUDING FINANCIAL MANAGEMENT AND ENFORCEMENT OF COMMUNITY STANDARDS. ANY MODIFICATIONS OR NEW CONSTRUCTION WITHIN THE COMMUNITY MUST BE APPROVED BY AN ARCHITECTURAL REVIEW BOARD. THE BOARD WILL BE ESTABLISHED AND OPERATED BY THE DEVELOPER UNTIL SUCH TIME AS THE POWERS ARE TRANSFERRED TO THE HOA(S). PUBLIC STREETS WILL BE TURNED OVER TO THE COUNTY WHEREAS THE ALLEYWAYS WILL BE PRIVATE AND WILL BE MAINTAINED BY THE HOA(S).
14. EXISTING STRUCTURES ON THE SITE ARE TO BE REMOVED.

GEORGIA811 www.Georgia811.com Know what's below. Call before you dig.

24 HOUR CONTACT:
NEVILLE ALLISON
678-223-8978

0 100 200 300 feet
1" = 100'-0"

ENGINEER

THE REVIVE LAND GROUP
Part of Peachtree Group

SOURCE. ENTITLE. REVIVE.

ONE ALLIANCE CENTER
3500 LENOX ROAD
SUITE 625
ATLANTA, GEORGIA 30326
O: (678) 223-8978
WWW.THEREVIVELANDGROUP.COM

PROJECT

SOMERSET AT SARDIS CREEK

A MASTER PLANNED SENIOR ORIENTED RESIDENTIAL DEVELOPMENT

3212 & 3302 ANTIOCH CAMPGROUND ROAD
GAINESVILLE, GA 30506

HALL COUNTY
GEORGIA

LAND LOT: 83 & 96
DISTRICT: 10TH

CLIENT

THE REVIVE LAND GROUP
Part of Peachtree Group

SOURCE. ENTITLE. REVIVE.

ONE ALLIANCE CENTER
3500 LENOX ROAD
SUITE 625
ATLANTA, GEORGIA 30326
O: (678) 223-8978
THEREVIVELANDGROUP.COM

REVISION

REVISION	DATE

PROJECT NUMBER

23029

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY
NOT TO BE RELEASED FOR CONSTRUCTION
JAMES BARRY FIRTH

SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE

NORTH

NORTH

DATE

FEBRUARY 29, 2024

TITLE

CONCEPTUAL SITE PLAN

SHEET

Z-01

APPENDIX B:

TRAFFIC COUNTS

& GROWTH RATE

DEVELOPMENT WORSHEET

Peak Hour Turning Movement Count

Hall County, GA

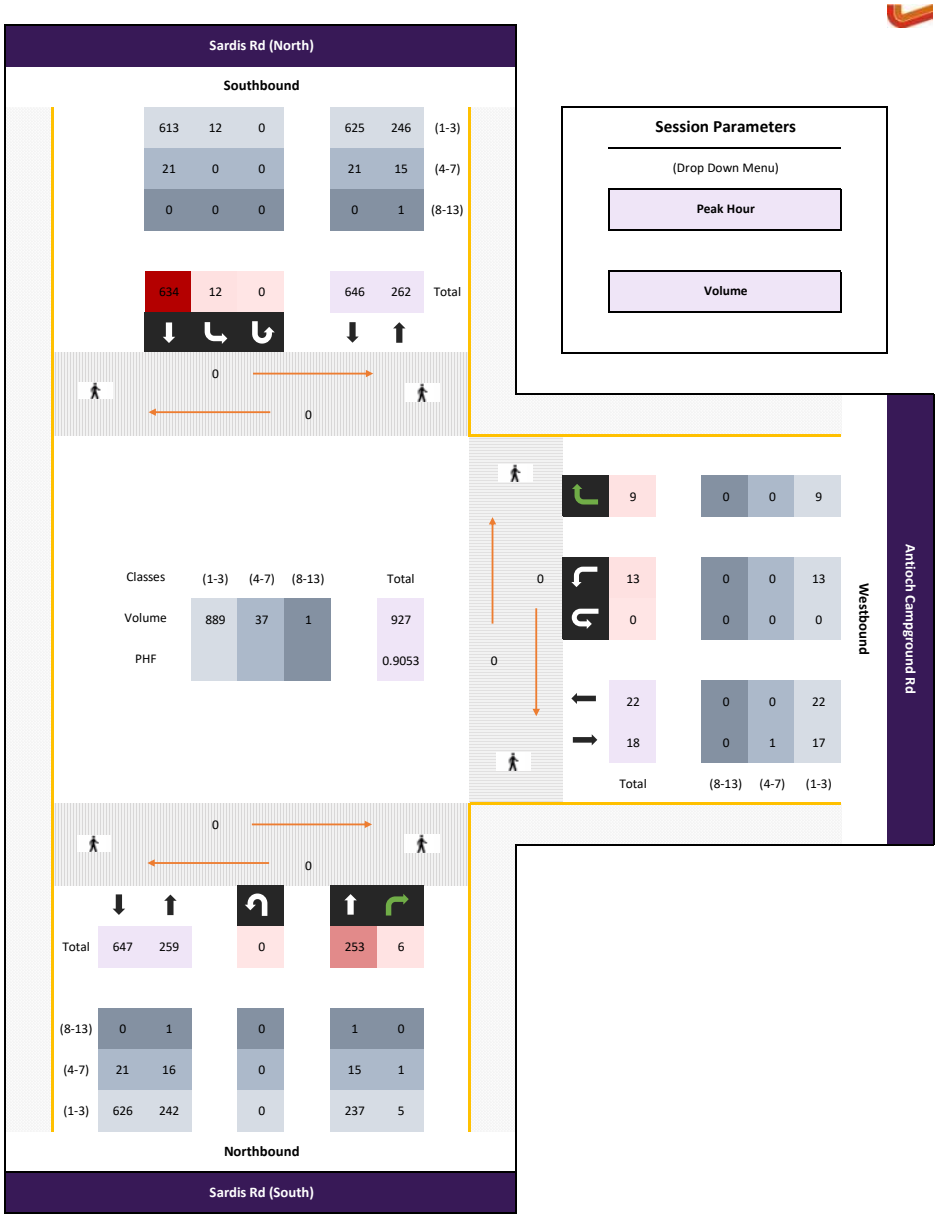
Click here for Map

Marr Traffic DATA COLLECTION

www.marrtraffic.com

Tuesday, August 8, 2023	
Period	0700 - 0900
Peak Hour	0715 - 0815

* the Peak Hour Diagram does not include Bikes



Session Parameters

(Drop Down Menu)

Peak Hour

Volume

All vehicles

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0715 - 0730	-	48	2	-	0	50	4	142	-	-	0	146	-	-	-	-	-	0	3	-	3	-	0	6	202
0730 - 0745	-	71	0	-	0	71	1	146	-	-	0	147	-	-	-	-	-	0	3	-	3	-	0	6	224
0745 - 0800	-	57	1	-	0	58	3	192	-	-	0	195	-	-	-	-	-	0	2	-	1	-	0	3	256
0800 - 0815	-	77	3	-	0	80	4	154	-	-	0	158	-	-	-	-	-	0	5	-	2	-	0	7	245
Total	0	253	6	0	0	259	12	634	0	0	0	646	0	0	0	0	0	0	13	0	9	0	0	22	927
Approach %	0.00	97.68	2.32	0.00	0.00	-	1.86	98.14	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	59.09	0.00	40.91	0.00	0.00	-	
PHF	0.00	0.82	0.50	0.00	0.00	**0.81**	0.75	0.83	0.00	0.00	0.00	**0.83**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.65	0.00	0.75	0.00	0.00	**0.79**	**0.91**

Passenger Vehicles (1-3)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0715 - 0730	-	44	1	-	0	45	4	138	-	-	0	142	-	-	-	-	-	0	3	-	3	-	0	6	193
0730 - 0745	-	69	0	-	0	69	1	144	-	-	0	145	-	-	-	-	-	0	3	-	3	-	0	6	220
0745 - 0800	-	52	1	-	0	53	3	184	-	-	0	187	-	-	-	-	-	0	2	-	1	-	0	3	243
0800 - 0815	-	72	3	-	0	75	4	147	-	-	0	151	-	-	-	-	-	0	5	-	2	-	0	7	233
Total	0	237	5	0	0	242	12	613	0	0	0	625	0	0	0	0	0	0	13	0	9	0	0	22	889
Approach %	0.00	97.93	2.07	0.00	0.00	-	1.92	98.08	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	59.09	0.00	40.91	0.00	0.00	-	
PHF	0.00	0.82	0.42	0.00	0.00	**0.81**	0.75	0.83	0.00	0.00	0.00	**0.84**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.65	0.00	0.75	0.00	0.00	**0.79**	**0.91**

Single Unit Trucks (4-7)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0715 - 0730	-	4	1	-	0	5	0	4	-	-	0	4	-	-	-	-	-	0	0	-	0	-	0	0	9
0730 - 0745	-	2	0	-	0	2	0	2	-	-	0	2	-	-	-	-	-	0	0	-	0	-	0	0	4
0745 - 0800	-	4	0	-	0	4	0	8	-	-	0	8	-	-	-	-	-	0	0	-	0	-	0	0	12
0800 - 0815	-	5	0	-	0	5	0	7	-	-	0	7	-	-	-	-	-	0	0	-	0	-	0	0	12
Total	0	15	1	0	0	16	0	21	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	37
Approach %	0.00	93.75	6.25	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.75	0.25	0.00	0.00	**0.80**	0.00	0.66	0.00	0.00	0.00	**0.66**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.77**

Combination Trucks (8-13)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0715 - 0730	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0730 - 0745	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0745 - 0800	-	1	0	-	0	1	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	1
0800 - 0815	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
Total	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Approach %	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.25	0.00	0.00	0.00	**0.25**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.25**

Bikes

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
0715 - 0730	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0730 - 0745	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0745 - 0800	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
0800 - 0815	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**

Click here for Map

Peak Hour Turning Movement Count

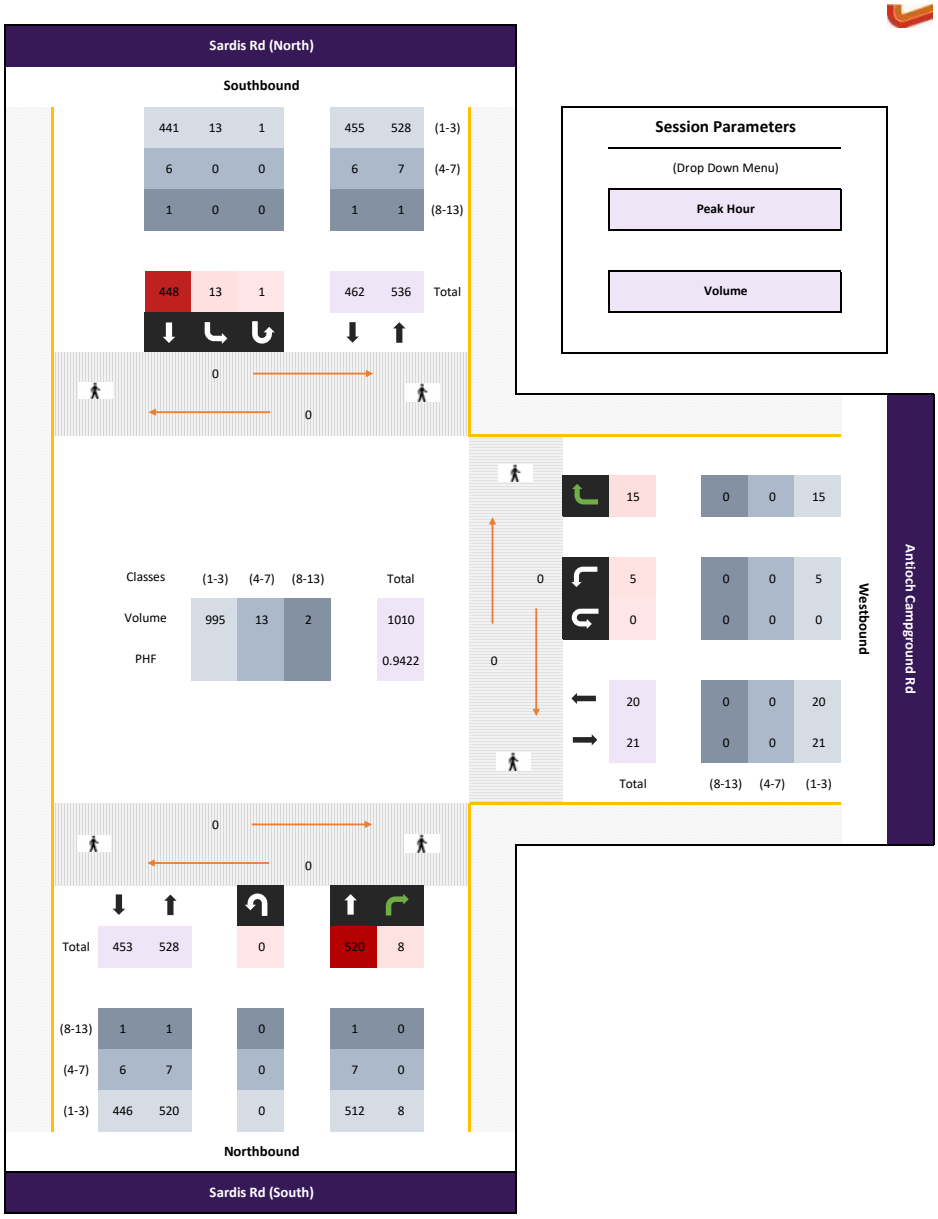
Hall County, GA

Marr Traffic DATA COLLECTION

www.marrtraffic.com

Tuesday, August 8, 2023	
Period	1600 - 1800
Peak Hour	1700 - 1800

* the Peak Hour Diagram does not include Bikes



All vehicles

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1700 - 1715	-	128	0	-	0	128	4	104	-	-	0	108	-	-	-	-	-	0	1	-	3	-	0	4	240
1715 - 1730	-	151	6	-	0	157	1	102	-	-	1	104	-	-	-	-	-	0	1	-	6	-	0	7	268
1730 - 1745	-	113	0	-	0	113	1	126	-	-	0	127	-	-	-	-	-	0	2	-	1	-	0	3	243
1745 - 1800	-	128	2	-	0	130	7	116	-	-	0	123	-	-	-	-	-	0	1	-	5	-	0	6	259
Total	0	520	8	0	0	528	13	448	0	0	1	462	0	0	0	0	0	0	5	0	15	0	0	20	1010
Approach %	0.00	98.48	1.52	0.00	0.00	-	2.81	96.97	0.00	0.00	0.22	-	0.00	0.00	0.00	0.00	0.00	-	25.00	0.00	75.00	0.00	0.00	-	
PHF	0.00	0.86	0.33	0.00	0.00	**0.84**	0.46	0.89	0.00	0.00	0.25	**0.91**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.63	0.00	0.63	0.00	0.00	**0.71**	**0.94**

Passenger Vehicles (1-3)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1700 - 1715	-	124	0	-	0	124	4	101	-	-	0	105	-	-	-	-	-	0	1	-	3	-	0	4	233
1715 - 1730	-	151	6	-	0	157	1	100	-	-	1	102	-	-	-	-	-	0	1	-	6	-	0	7	266
1730 - 1745	-	109	0	-	0	109	1	126	-	-	0	127	-	-	-	-	-	0	2	-	1	-	0	3	239
1745 - 1800	-	128	2	-	0	130	7	114	-	-	0	121	-	-	-	-	-	0	1	-	5	-	0	6	257
Total	0	512	8	0	0	520	13	441	0	0	1	455	0	0	0	0	0	0	5	0	15	0	0	20	995
Approach %	0.00	98.46	1.54	0.00	0.00	-	2.86	96.92	0.00	0.00	0.22	-	0.00	0.00	0.00	0.00	0.00	-	25.00	0.00	75.00	0.00	0.00	-	
PHF	0.00	0.85	0.33	0.00	0.00	**0.83**	0.46	0.88	0.00	0.00	0.25	**0.90**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.63	0.00	0.63	0.00	0.00	**0.71**	**0.94**

Single Unit Trucks (4-7)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1700 - 1715	-	4	0	-	0	4	0	2	-	-	0	2	-	-	-	-	-	0	0	-	0	-	0	0	6
1715 - 1730	-	0	0	-	0	0	0	2	-	-	0	2	-	-	-	-	-	0	0	-	0	-	0	0	2
1730 - 1745	-	3	0	-	0	3	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	3
1745 - 1800	-	0	0	-	0	0	0	2	-	-	0	2	-	-	-	-	-	0	0	-	0	-	0	0	2
Total	0	7	0	0	0	7	0	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	13
Approach %	0.00	100.00	0.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.44	0.00	0.00	0.00	**0.44**	0.00	0.75	0.00	0.00	0.00	**0.75**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.54**

Combination Trucks (8-13)

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1700 - 1715	-	0	0	-	0	0	0	1	-	-	0	1	-	-	-	-	-	0	0	-	0	-	0	0	1
1715 - 1730	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1730 - 1745	-	1	0	-	0	1	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	1
1745 - 1800	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
Total	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Approach %	0.00	100.00	0.00	0.00	0.00	-	0.00	100.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.25	0.00	0.00	0.00	**0.25**	0.00	0.25	0.00	0.00	0.00	**0.25**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.50**

Bikes

	Northbound						Southbound												Westbound						
	Sardis Rd (South)						Sardis Rd (North)												Antioch Campground Rd						
Time		Thru 1.1	Right 1.2		U-Turn 1.3	App Total	Left 1.4	Thru 1.5			U-Turn 1.6	App Total						App Total	Left 1.7		Right 1.8		U-Turn 1.9	App Total	Int Total
1700 - 1715	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1715 - 1730	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1730 - 1745	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
1745 - 1800	-	0	0	-	0	0	0	0	-	-	0	0	-	-	-	-	-	0	0	-	0	-	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	-	
PHF	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**

Classified Turn Movement Count || All vehicles

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
All vehicles

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	40	0	0	40	0	118	0	118	1	1	0	2	160
0715 - 0730	48	2	0	50	4	142	0	146	3	3	0	6	202
0730 - 0745	71	0	0	71	1	146	0	147	3	3	0	6	224
0745 - 0800	57	1	0	58	3	192	0	195	2	1	0	3	256
Hourly Total	216	3	0	**219**	8	598	0	**606**	9	8	0	**17**	**842**
0800 - 0815	77	3	0	80	4	154	0	158	5	2	0	7	245
0815 - 0830	77	0	0	77	0	85	0	85	0	2	0	2	164
0830 - 0845	56	2	0	58	1	61	0	62	1	3	0	4	124
0845 - 0900	56	0	0	56	1	66	0	67	2	2	0	4	127
Hourly Total	266	5	0	**271**	6	366	0	**372**	8	9	0	**17**	**660**
Grand Total	482	8	0	**490**	14	964	0	**978**	17	17	0	**34**	**1502**
Approach %	98.37	1.63	0.00	-	1.43	98.57	0.00	-	50.00	50.00	0.00	-	
Intersection %	32.09	0.53	0.00	32.62	0.93	64.18	0.00	65.11	1.13	1.13	0.00	2.26	
Heavy Vehicle %	6	13	-	**6**	0	3	-	**3**	6	6	-	**6**	**4**
PHF	0.82	0.50	0.00	**0.81**	0.75	0.83	0.00	**0.83**	0.65	0.75	0.00	**0.79**	**0.91**

1600 - 1800 (Weekday 2h Session) (08-08-2023)
All vehicles

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	121	3	0	124	4	93	0	97	0	3	0	3	224
1615 - 1630	112	2	0	114	2	84	0	86	1	4	0	5	205
1630 - 1645	131	1	0	132	3	86	0	89	1	5	0	6	227
1645 - 1700	129	1	0	130	3	82	0	85	1	4	0	5	220
Hourly Total	493	7	0	**500**	12	345	0	**357**	3	16	0	**19**	**876**
1700 - 1715	128	0	0	128	4	104	0	108	1	3	0	4	240
1715 - 1730	151	6	0	157	1	102	1	104	1	6	0	7	268
1730 - 1745	113	0	0	113	1	126	0	127	2	1	0	3	243
1745 - 1800	128	2	0	130	7	116	0	123	1	5	0	6	259
Hourly Total	520	8	0	**528**	13	448	1	**462**	5	15	0	**20**	**1010**
Grand Total	1013	15	0	**1028**	25	793	1	**819**	8	31	0	**39**	**1886**
Approach %	98.54	1.46	0.00	-	3.05	96.83	0.12	-	20.51	79.49	0.00	-	
Intersection %	53.71	0.80	0.00	54.51	1.33	42.05	0.05	43.43	0.42	1.64	0.00	2.07	
Heavy Vehicle %	2	7	-	**2**	0	2	0	**2**	0	0	-	**0**	**2**
PHF	0.86	0.33	0.00	**0.84**	0.46	0.89	0.25	**0.91**	0.63	0.63	0.00	**0.71**	**0.94**

Classified Turn Movement Count || Passenger Vehicles (1-3)

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Passenger Vehicles (1-3)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	38	0	0	38	0	116	0	116	1	1	0	2	156
0715 - 0730	44	1	0	45	4	138	0	142	3	3	0	6	193
0730 - 0745	69	0	0	69	1	144	0	145	3	3	0	6	220
0745 - 0800	52	1	0	53	3	184	0	187	2	1	0	3	243
Hourly Total	203	2	0	**205**	8	582	0	**590**	9	8	0	**17**	**812**
0800 - 0815	72	3	0	75	4	147	0	151	5	2	0	7	233
0815 - 0830	75	0	0	75	0	83	0	83	0	2	0	2	160
0830 - 0845	53	2	0	55	1	59	0	60	1	2	0	3	118
0845 - 0900	50	0	0	50	1	60	0	61	1	2	0	3	114
Hourly Total	250	5	0	**255**	6	349	0	**355**	7	8	0	**15**	**625**
Grand Total	453	7	0	**460**	14	931	0	**945**	16	16	0	**32**	**1437**
Approach %	98.48	1.52	0.00	-	1.48	98.52	0.00	-	50.00	50.00	0.00	-	
Intersection %	31.52	0.49	0.00	32.01	0.97	64.79	0.00	65.76	1.11	1.11	0.00	2.23	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Passenger Vehicles (1-3)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	111	2	0	113	4	92	0	96	0	3	0	3	212
1615 - 1630	109	2	0	111	2	83	0	85	1	4	0	5	201
1630 - 1645	128	1	0	129	3	83	0	86	1	5	0	6	221
1645 - 1700	129	1	0	130	3	79	0	82	1	4	0	5	217
Hourly Total	477	6	0	**483**	12	337	0	**349**	3	16	0	**19**	**851**
1700 - 1715	124	0	0	124	4	101	0	105	1	3	0	4	233
1715 - 1730	151	6	0	157	1	100	1	102	1	6	0	7	266
1730 - 1745	109	0	0	109	1	126	0	127	2	1	0	3	239
1745 - 1800	128	2	0	130	7	114	0	121	1	5	0	6	257
Hourly Total	512	8	0	**520**	13	441	1	**455**	5	15	0	**20**	**995**
Grand Total	989	14	0	**1003**	25	778	1	**804**	8	31	0	**39**	**1846**
Approach %	98.60	1.40	0.00	-	3.11	96.77	0.12	-	20.51	79.49	0.00	-	
Intersection %	53.58	0.76	0.00	54.33	1.35	42.15	0.05	43.55	0.43	1.68	0.00	2.11	

Classified Turn Movement Count || Single Unit Trucks (4-7)

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Single Unit Trucks (4-7)

TIME	Northbound Sardis Rd (South)				Southbound Sardis Rd (North)				Westbound Antioch Campground Rd				
	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	2	0	0	2	0	1	0	1	0	0	0	0	3
0715 - 0730	4	1	0	5	0	4	0	4	0	0	0	0	9
0730 - 0745	2	0	0	2	0	2	0	2	0	0	0	0	4
0745 - 0800	4	0	0	4	0	8	0	8	0	0	0	0	12
Hourly Total	12	1	0	**13**	0	15	0	**15**	0	0	0	**0**	**28**
0800 - 0815	5	0	0	5	0	7	0	7	0	0	0	0	12
0815 - 0830	2	0	0	2	0	2	0	2	0	0	0	0	4
0830 - 0845	3	0	0	3	0	2	0	2	0	1	0	1	6
0845 - 0900	6	0	0	6	0	5	0	5	1	0	0	1	12
Hourly Total	16	0	0	**16**	0	16	0	**16**	1	1	0	**2**	**34**
Grand Total	28	1	0	**29**	0	31	0	**31**	1	1	0	**2**	**62**
Approach %	96.55	3.45	0.00	-	0.00	100.00	0.00	-	50.00	50.00	0.00	-	
Intersection %	45.16	1.61	0.00	46.77	0.00	50.00	0.00	50.00	1.61	1.61	0.00	3.23	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Single Unit Trucks (4-7)

TIME	Northbound Sardis Rd (South)				Southbound Sardis Rd (North)				Westbound Antioch Campground Rd				
	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	10	1	0	11	0	1	0	1	0	0	0	0	12
1615 - 1630	3	0	0	3	0	0	0	0	0	0	0	0	3
1630 - 1645	3	0	0	3	0	3	0	3	0	0	0	0	6
1645 - 1700	0	0	0	0	0	3	0	3	0	0	0	0	3
Hourly Total	16	1	0	**17**	0	7	0	**7**	0	0	0	**0**	**24**
1700 - 1715	4	0	0	4	0	2	0	2	0	0	0	0	6
1715 - 1730	0	0	0	0	0	2	0	2	0	0	0	0	2
1730 - 1745	3	0	0	3	0	0	0	0	0	0	0	0	3
1745 - 1800	0	0	0	0	0	2	0	2	0	0	0	0	2
Hourly Total	7	0	0	**7**	0	6	0	**6**	0	0	0	**0**	**13**
Grand Total	23	1	0	**24**	0	13	0	**13**	0	0	0	**0**	**37**
Approach %	95.83	4.17	0.00	-	0.00	100.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	62.16	2.70	0.00	64.86	0.00	35.14	0.00	35.14	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || Combination Trucks (8-13)

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Combination Trucks (8-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	0	0	0	0	0	1	0	1	0	0	0	0	1
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	1	0	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	1	0	0	**1**	0	1	0	**1**	0	0	0	**0**	**2**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	1	0	1	0	0	0	0	1
Hourly Total	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**
Grand Total	1	0	0	**1**	0	2	0	**2**	0	0	0	**0**	**3**
Approach %	100.00	0.00	0.00	-	0.00	100.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	33.33	0.00	0.00	33.33	0.00	66.67	0.00	66.67	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Combination Trucks (8-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	1	0	1	0	0	0	0	1
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**
1700 - 1715	0	0	0	0	0	1	0	1	0	0	0	0	1
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	1	0	0	1	0	0	0	0	0	0	0	0	1
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	**1**	0	1	0	**1**	0	0	0	**0**	**2**
Grand Total	1	0	0	**1**	0	2	0	**2**	0	0	0	**0**	**3**
Approach %	100.00	0.00	0.00	-	0.00	100.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	33.33	0.00	0.00	33.33	0.00	66.67	0.00	66.67	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || Bikes

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Bikes

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
Grand Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
Approach %	0.00	0.00	0.00	-	0.00	0.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Bikes

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
Grand Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**
Approach %	0.00	0.00	0.00	-	0.00	0.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Classified Turn Movement Count || All Trucks (4-13)

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
All Trucks (4-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
0700 - 0715	2	0	0	2	0	2	0	2	0	0	0	0	4
0715 - 0730	4	1	0	5	0	4	0	4	0	0	0	0	9
0730 - 0745	2	0	0	2	0	2	0	2	0	0	0	0	4
0745 - 0800	5	0	0	5	0	8	0	8	0	0	0	0	13
Hourly Total	13	1	0	**14**	0	16	0	**16**	0	0	0	**0**	**30**
0800 - 0815	5	0	0	5	0	7	0	7	0	0	0	0	12
0815 - 0830	2	0	0	2	0	2	0	2	0	0	0	0	4
0830 - 0845	3	0	0	3	0	2	0	2	0	1	0	1	6
0845 - 0900	6	0	0	6	0	6	0	6	1	0	0	1	13
Hourly Total	16	0	0	**16**	0	17	0	**17**	1	1	0	**2**	**35**
Grand Total	29	1	0	**30**	0	33	0	**33**	1	1	0	**2**	**65**
Approach %	96.67	3.33	0.00	-	0.00	100.00	0.00	-	50.00	50.00	0.00	-	
Intersection %	44.62	1.54	0.00	46.15	0.00	50.77	0.00	50.77	1.54	1.54	0.00	3.08	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
All Trucks (4-13)

	Northbound (Sardis Rd (South))				Southbound (Sardis Rd (North))				Westbound (Antioch Campground Rd)				
TIME	Thru 1.1	Right 1.2	U-Turn 1.3	App Total	Left 1.4	Thru 1.5	U-Turn 1.6	App Total	Left 1.7	Right 1.8	U-Turn 1.9	App Total	Int Total
1600 - 1615	10	1	0	11	0	1	0	1	0	0	0	0	12
1615 - 1630	3	0	0	3	0	1	0	1	0	0	0	0	4
1630 - 1645	3	0	0	3	0	3	0	3	0	0	0	0	6
1645 - 1700	0	0	0	0	0	3	0	3	0	0	0	0	3
Hourly Total	16	1	0	**17**	0	8	0	**8**	0	0	0	**0**	**25**
1700 - 1715	4	0	0	4	0	3	0	3	0	0	0	0	7
1715 - 1730	0	0	0	0	0	2	0	2	0	0	0	0	2
1730 - 1745	4	0	0	4	0	0	0	0	0	0	0	0	4
1745 - 1800	0	0	0	0	0	2	0	2	0	0	0	0	2
Hourly Total	8	0	0	**8**	0	7	0	**7**	0	0	0	**0**	**15**
Grand Total	24	1	0	**25**	0	15	0	**15**	0	0	0	**0**	**40**
Approach %	96.00	4.00	0.00	-	0.00	100.00	0.00	-	0.00	0.00	0.00	-	
Intersection %	60.00	2.50	0.00	62.50	0.00	37.50	0.00	37.50	0.00	0.00	0.00	0.00	

Crosswalk Counts || Pedestrians

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Pedestrians

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Pedestrians

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Crosswalk Counts || Bikes

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Bikes

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Bikes

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Crosswalk Counts || Motorized Vehicles

Marr Traffic DATA COLLECTION
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Hall County, GA

Site 1
Sardis Rd (South)
Sardis Rd (North)

Antioch Campground Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.351469°, -83.893407°

Weather
Mostly Cloudy
77°F

0700 - 0900 (Weekday 2h Session) (08-08-2023)
Motorized Vehicles

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
0700 - 0715	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
0800 - 0815	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1600 - 1800 (Weekday 2h Session) (08-08-2023)
Motorized Vehicles

	Northbound			Southbound			Westbound			
	Sardis Rd (South)			Sardis Rd (North)			Antioch Campground Rd			
TIME	EB 1a	WB 1b	App Total	EB 1c	WB 1d	App Total	NB 1g	SB 1h	App Total	Int Total
1600 - 1615	0	0	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
1700 - 1715	0	0	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Grand Total	0	0	**0**	0	0	**0**	0	0	**0**	**0**
Approach %	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-	
Intersection %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Start Date: 8/8/2023	Eastbound			Antioch Campground Rd Westbound			Sardis Rd (South) Northbound			Sardis Rd (North) Southbound			
Time	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**	**Total**
15 Minute Totals													
12:00 AM - 12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM - 12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM - 12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM - 01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 AM - 01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM - 01:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM - 01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 AM - 02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 AM - 02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM - 02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM - 02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM - 03:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM - 03:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 AM - 03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 AM - 03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM - 04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 AM - 04:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM - 04:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 AM - 04:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 AM - 05:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 AM - 05:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 AM - 05:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 AM - 05:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 AM - 06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 AM - 06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM - 06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM - 06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM - 07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM - 07:15 AM	0	0	0	1	0	1	0	40	0	0	118	0	160
07:15 AM - 07:30 AM	0	0	0	3	0	3	0	48	2	4	142	0	202
07:30 AM - 07:45 AM	0	0	0	3	0	3	0	71	0	1	146	0	224
07:45 AM - 08:00 AM	0	0	0	2	0	1	0	57	1	3	192	0	256
08:00 AM - 08:15 AM	0	0	0	5	0	2	0	77	3	4	154	0	245
08:15 AM - 08:30 AM	0	0	0	0	0	2	0	77	0	0	85	0	164
08:30 AM - 08:45 AM	0	0	0	1	0	3	0	56	2	1	61	0	124
08:45 AM - 09:00 AM	0	0	0	2	0	2	0	56	0	1	66	0	127
09:00 AM - 09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM - 09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM - 09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM - 10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM - 10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM - 10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM - 10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM - 11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM - 11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM - 11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM - 11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM - 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM - 12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM - 12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM - 12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM - 01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM - 01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM - 01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM - 01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM - 02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM - 02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM - 02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM - 02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM - 03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM - 03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM - 03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM - 03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM - 04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM - 04:15 PM	0	0	0	0	0	3	0	121	3	4	93	0	224
04:15 PM - 04:30 PM	0	0	0	1	0	4	0	112	2	2	84	0	205
04:30 PM - 04:45 PM	0	0	0	1	0	5	0	131	1	3	86	0	227
04:45 PM - 05:00 PM	0	0	0	1	0	4	0	129	1	3	82	0	220
05:00 PM - 05:15 PM	0	0	0	1	0	3	0	128	0	4	104	0	240
05:15 PM - 05:30 PM	0	0	0	1	0	6	0	151	6	1	102	0	268
05:30 PM - 05:45 PM	0	0	0	2	0	1	0	113	0	1	126	0	243
05:45 PM - 06:00 PM	0	0	0	1	0	5	0	128	2	7	116	0	259
06:00 PM - 06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM - 06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM - 06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM - 07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 PM - 07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM - 07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM - 07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM - 08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 PM - 08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 PM - 08:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM - 08:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 PM - 09:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 PM - 09:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 PM - 09:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 PM - 09:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 PM - 10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM - 10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM - 10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM - 10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM - 11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM - 11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM - 11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM - 11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM - 12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Bi-Directional Class Count || NB EB 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Tuesday, August 8, 2023

Weather
Mostly Cloudy
77°F

Lat/Long
34.350509°, -83.887030°

Click here for Map

0000 - 2400 (Weekday 24h Session) (08-08-2023)
NB EB 15min

	Eastbound (Movement 1.1)													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0015 - 0030	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**1**
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0145 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
0300 - 0315	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0330 - 0345	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0345 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0415 - 0430	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0430 - 0445	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0445 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0515 - 0530	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0530 - 0545	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0545 - 0600	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**1**
0600 - 0615	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0615 - 0630	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0630 - 0645	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0645 - 0700	0	0	0	1	0	0	0	0	0	0	0	0	0	**1**	**3**
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0715 - 0730	0	2	0	1	0	0	0	0	0	0	0	0	0	**3**	
0730 - 0745	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0745 - 0800	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	**6**
0800 - 0815	0	3	1	0	0	0	0	0	0	0	0	0	0	**4**	
0815 - 0830	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**	
0830 - 0845	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
0845 - 0900	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**9**
0900 - 0915	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
0915 - 0930	0	1	3	0	0	0	0	0	0	0	0	0	0	**4**	
0930 - 0945	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0945 - 1000	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	**9**
1000 - 1015	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**	
1015 - 1030	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**	
1030 - 1045	0	1	0	0	0	1	0	0	0	0	0	0	0	**2**	
1045 - 1100	0	3	2	0	0	0	0	0	0	0	0	0	0	**5**	**13**
1100 - 1115	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
1115 - 1130	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
1130 - 1145	0	3	0	0	1	0	0	0	0	0	0	0	0	**4**	
1145 - 1200	0	1	2	0	0	0	0	0	0	0	0	0	0	**3**	**8**
1200 - 1215	1	3	4	0	0	0	0	0	0	0	0	0	0	**8**	
1215 - 1230	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**	
1230 - 1245	0	2	2	0	0	0	0	0	0	0	0	0	0	**4**	
1245 - 1300	0	4	5	0	0	0	0	0	0	0	0	0	0	**9**	**23**
1300 - 1315	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1315 - 1330	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
1330 - 1345	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1345 - 1400	0	2	2	0	0	0	0	0	0	0	0	0	0	**4**	**9**
1400 - 1415	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
1415 - 1430	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1430 - 1445	0	1	0	0	0	0	0	1	0	0	0	0	0	**2**	
1445 - 1500	0	6	2	1	0	0	0	0	0	0	0	0	0	**9**	**14**
1500 - 1515	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
1515 - 1530	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1530 - 1545	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1545 - 1600	0	6	3	0	0	0	0	0	0	0	0	0	0	**9**	**16**
1600 - 1615	0	2	2	1	0	0	0	0	0	0	0	0	0	**5**	
1615 - 1630	0	0	2	0	0	0	0	0	0	0	0	0	0	**2**	
1630 - 1645	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
1645 - 1700	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	**14**
1700 - 1715	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
1715 - 1730	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	
1730 - 1745	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1745 - 1800	0	5	0	0	0	0	0	0	0	0	0	0	0	**5**	**14**
1800 - 1815	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**	
1815 - 1830	0	2	3	0	1	0	0	0	0	0	0	0	0	**6**	
1830 - 1845	0	4	2	0	1	0	0	0	0	0	0	0	0	**7**	
1845 - 1900	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**19**
1900 - 1915	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
1915 - 1930	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1930 - 1945	0	0	3	0	0	0	0	0	0	0	0	0	0	**3**	
1945 - 2000	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	**9**
2000 - 2015	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
2015 - 2030	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
2030 - 2045	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
2045 - 2100	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**6**
2100 - 2115	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**	
2115 - 2130	0	3	1	0	0	0	0	0	0	0	0	0	0	**4**	
2130 - 2145	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
2145 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**6**
2200 - 2215	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**	
2215 - 2230	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
2230 - 2245	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
2245 - 2300	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**4**
2300 - 2315	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
2315 - 2330	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
2330 - 2345	1	1	0	0	0	0	0	0	0	0	0	0	0	**2**	
2345 - 0000	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**4**

Session Total	2	129	48	4	3	1	0	1	0	0	0	0	0	**188**
Session Average	0.02	1.34	0.50	0.04	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	**1.96**
Session Percentage	1.06	68.62	25.53	2.13	1.60	0.53	0.00	0.53	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0930 - 1030	0830 - 0930	0630 - 0730	-	0945 - 1045	-	-	-	-	-	-	-	**0715 - 0815**
AM Peak Volume	0	9	3	2	0	1	0	0	0	0	0	0	0	**10**

Noon Peak Hour	1115 - 1215	1445 - 1545	1200 - 1300	1400 - 1500	1045 - 1145	1000 - 1100	-	1345 - 1445	-	-	-	-	-	**1200 - 1300**
Noon Peak Volume	1	12	12	1	1	1	0	1	0	0	0	0	0	**23**

PM Peak Hour	-	1715 - 1815	1545 - 1645	1515 - 1615	1745 - 1845	-	-	-	-	-	-	-	-	**1745 - 1845**
PM Peak Volume	0	15	8	1	2	0	0	0	0	0	0	0	0	**23**

Bi-Directional Class Count || SB WB 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Tuesday, August 8, 2023

Weather
Mostly Cloudy
77°F

Lat/Long
34.350509°, -83.887030°

Click here for Map

0000 - 2400 (Weekday 24h Session) (08-08-2023)
SB WB 15min

	Westbound (Movement 1,2)													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0015 - 0030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0145 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0330 - 0345	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0345 - 0400	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0415 - 0430	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0430 - 0445	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
0445 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0515 - 0530	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0530 - 0545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0545 - 0600	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
0600 - 0615	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
0615 - 0630	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0630 - 0645	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
0645 - 0700	0	2	1	0	0	0	0	0	0	0	0	0	0	3	9
0700 - 0715	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0715 - 0730	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
0730 - 0745	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
0745 - 0800	0	2	0	0	0	0	0	0	0	0	0	0	0	2	13
0800 - 0815	0	5	1	0	0	0	0	0	0	0	0	0	0	6	
0815 - 0830	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
0830 - 0845	0	1	0	0	1	0	0	0	0	0	0	0	0	2	
0845 - 0900	0	1	1	0	1	0	0	0	0	0	0	0	0	3	13
0900 - 0915	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
0915 - 0930	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
0930 - 0945	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
0945 - 1000	0	1	2	0	0	0	0	0	0	0	0	0	0	3	9
1000 - 1015	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
1015 - 1030	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1030 - 1045	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1045 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
1100 - 1115	0	1	0	0	2	0	0	0	0	0	0	0	0	3	
1115 - 1130	0	2	0	0	0	1	0	0	0	0	0	0	0	3	
1130 - 1145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1145 - 1200	0	1	1	0	0	0	0	0	0	0	0	0	0	2	8
1200 - 1215	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1215 - 1230	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1230 - 1245	1	3	1	0	0	0	0	0	0	0	0	0	0	5	
1245 - 1300	0	5	0	0	0	0	0	0	0	0	0	0	0	5	12
1300 - 1315	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1315 - 1330	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1330 - 1345	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1345 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
1400 - 1415	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1415 - 1430	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1430 - 1445	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
1445 - 1500	0	1	1	0	0	0	0	0	0	0	0	0	0	2	9
1500 - 1515	0	2	2	0	0	0	0	0	0	0	0	0	0	4	
1515 - 1530	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
1530 - 1545	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
1545 - 1600	0	3	3	0	0	0	0	0	0	0	0	0	0	6	16
1600 - 1615	0	0	3	0	0	0	0	0	0	0	0	0	0	3	
1615 - 1630	0	3	1	0	0	0	0	0	0	0	0	0	0	4	
1630 - 1645	0	1	4	0	0	0	0	0	0	0	0	0	0	5	
1645 - 1700	0	5	1	0	0	0	0	0	0	0	0	0	0	6	18
1700 - 1715	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
1715 - 1730	0	4	1	0	0	0	0	0	0	0	0	0	0	5	
1730 - 1745	0	4	0	0	0	0	0	0	0	0	0	0	0	4	
1745 - 1800	0	4	2	0	0	0	0	0	0	0	0	0	0	6	17
1800 - 1815	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
1815 - 1830	0	1	2	0	0	0	0	0	0	0	0	0	0	3	
1830 - 1845	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
1845 - 1900	0	1	1	0	0	0	0	0	0	0	0	0	0	2	9
1900 - 1915	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
1915 - 1930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1930 - 1945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1945 - 2000	0	3	2	0	0	0	0	0	0	0	0	0	0	5	7
2000 - 2015	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
2015 - 2030	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
2030 - 2045	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2045 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2100 - 2115	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
2115 - 2130	0	2	1	0	0	0	0	0	0	0	0	0	0	3	
2130 - 2145	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
2145 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2200 - 2215	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
2215 - 2230	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2230 - 2245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2245 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2300 - 2315	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2315 - 2330	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
2330 - 2345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2345 - 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Session Total	1	116	54	0	4	1	0	0	0	0	0	0	0	176
Session Average	0.01	1.21	0.56	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83
Session Percentage	0.57	65.91	30.68	0.00	2.27	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0715 - 0815	0900 - 1000	-	0800 - 0900	-	-	-	-	-	-	-	-	0715 - 0815
AM Peak Volume	0	15	5	0	2	0	0	0	0	0	0	0	0	18

Noon Peak Hour	1145 - 1245	1230 - 1330	1415 - 1515	-	1015 - 1115	1030 - 1130	-	-	-	-	-	-	-	1230 - 1330
Noon Peak Volume	1	14	5	0	2	1	0	0	0	0	0	0	0	18

PM Peak Hour	-	1645 - 1745	1545 - 1645	-	-	-	-	-	-	-	-	-	-	1545 - 1645
PM Peak Volume	0	15	11	0	0	0	0	0	0	0	0	0	0	18

Bi-Directional Class Count || Bi-Directional 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Tuesday, August 8, 2023

Weather
Mostly Cloudy
77°F

Lat/Long
34.350509°, -83.887030°

0000 - 2400 (Weekday 24h Session) (08-08-2023)
Bi-Directional 15min

	Bi-Directional 15min													15min	60min
Time	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Total
0000 - 0015	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0015 - 0030	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0030 - 0045	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0045 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**1**
0100 - 0115	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0115 - 0130	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0130 - 0145	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0145 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
0200 - 0215	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0215 - 0230	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0230 - 0245	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0245 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
0300 - 0315	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0315 - 0330	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0330 - 0345	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0345 - 0400	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**2**
0400 - 0415	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0415 - 0430	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0430 - 0445	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**	
0445 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**2**
0500 - 0515	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0515 - 0530	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0530 - 0545	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
0545 - 0600	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	**3**
0600 - 0615	0	5	0	0	0	0	0	0	0	0	0	0	0	**5**	
0615 - 0630	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
0630 - 0645	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
0645 - 0700	0	2	1	1	0	0	0	0	0	0	0	0	0	**4**	**12**
0700 - 0715	0	0	1	0	0	0	0	0	0	0	0	0	0	**1**	
0715 - 0730	0	5	1	1	0	0	0	0	0	0	0	0	0	**7**	
0730 - 0745	0	6	1	0	0	0	0	0	0	0	0	0	0	**7**	
0745 - 0800	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	**19**
0800 - 0815	0	8	2	0	0	0	0	0	0	0	0	0	0	**10**	
0815 - 0830	0	2	2	0	0	0	0	0	0	0	0	0	0	**4**	
0830 - 0845	0	3	0	0	1	0	0	0	0	0	0	0	0	**4**	
0845 - 0900	0	2	1	0	1	0	0	0	0	0	0	0	0	**4**	**22**
0900 - 0915	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
0915 - 0930	0	3	4	0	0	0	0	0	0	0	0	0	0	**7**	
0930 - 0945	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
0945 - 1000	0	3	2	0	0	0	0	0	0	0	0	0	0	**5**	**18**
1000 - 1015	0	6	0	0	0	0	0	0	0	0	0	0	0	**6**	
1015 - 1030	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	
1030 - 1045	0	1	1	0	0	1	0	0	0	0	0	0	0	**3**	
1045 - 1100	0	3	2	0	0	0	0	0	0	0	0	0	0	**5**	**18**
1100 - 1115	0	1	0	0	2	0	0	0	0	0	0	0	0	**3**	
1115 - 1130	0	3	0	0	0	1	0	0	0	0	0	0	0	**4**	
1130 - 1145	0	3	0	0	1	0	0	0	0	0	0	0	0	**4**	
1145 - 1200	0	2	3	0	0	0	0	0	0	0	0	0	0	**5**	**16**
1200 - 1215	1	3	5	0	0	0	0	0	0	0	0	0	0	**9**	
1215 - 1230	0	1	2	0	0	0	0	0	0	0	0	0	0	**3**	
1230 - 1245	1	5	3	0	0	0	0	0	0	0	0	0	0	**9**	
1245 - 1300	0	9	5	0	0	0	0	0	0	0	0	0	0	**14**	**35**
1300 - 1315	0	5	1	0	0	0	0	0	0	0	0	0	0	**6**	
1315 - 1330	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**	
1330 - 1345	0	3	1	0	0	0	0	0	0	0	0	0	0	**4**	
1345 - 1400	0	2	2	0	0	0	0	0	0	0	0	0	0	**4**	**19**
1400 - 1415	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1415 - 1430	0	5	1	0	0	0	0	0	0	0	0	0	0	**6**	
1430 - 1445	0	2	1	0	0	0	0	1	0	0	0	0	0	**4**	
1445 - 1500	0	7	3	1	0	0	0	0	0	0	0	0	0	**11**	**23**
1500 - 1515	0	4	3	0	0	0	0	0	0	0	0	0	0	**7**	
1515 - 1530	0	6	1	0	0	0	0	0	0	0	0	0	0	**7**	
1530 - 1545	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
1545 - 1600	0	9	6	0	0	0	0	0	0	0	0	0	0	**15**	**32**
1600 - 1615	0	2	5	1	0	0	0	0	0	0	0	0	0	**8**	
1615 - 1630	0	3	3	0	0	0	0	0	0	0	0	0	0	**6**	
1630 - 1645	0	3	5	0	0	0	0	0	0	0	0	0	0	**8**	
1645 - 1700	0	9	1	0	0	0	0	0	0	0	0	0	0	**10**	**32**
1700 - 1715	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**	
1715 - 1730	0	8	1	0	0	0	0	0	0	0	0	0	0	**9**	
1730 - 1745	0	6	0	0	0	0	0	0	0	0	0	0	0	**6**	
1745 - 1800	0	9	2	0	0	0	0	0	0	0	0	0	0	**11**	**31**
1800 - 1815	0	6	2	0	0	0	0	0	0	0	0	0	0	**8**	
1815 - 1830	0	3	5	0	1	0	0	0	0	0	0	0	0	**9**	
1830 - 1845	0	5	2	0	1	0	0	0	0	0	0	0	0	**8**	
1845 - 1900	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	**28**
1900 - 1915	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**	
1915 - 1930	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
1930 - 1945	0	0	3	0	0	0	0	0	0	0	0	0	0	**3**	
1945 - 2000	0	5	3	0	0	0	0	0	0	0	0	0	0	**8**	**16**
2000 - 2015	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**	
2015 - 2030	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**	
2030 - 2045	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
2045 - 2100	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**11**
2100 - 2115	0	1	2	0	0	0	0	0	0	0	0	0	0	**3**	
2115 - 2130	0	5	2	0	0	0	0	0	0	0	0	0	0	**7**	
2130 - 2145	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
2145 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**12**
2200 - 2215	0	1	2	0	0	0	0	0	0	0	0	0	0	**3**	
2215 - 2230	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
2230 - 2245	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
2245 - 2300	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**6**
2300 - 2315	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**	
2315 - 2330	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	
2330 - 2345	1	1	0	0	0	0	0	0	0	0	0	0	0	**2**	
2345 - 0000	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**	**6**

Session Total	3	245	102	4	7	2	0	1	0	0	0	0	0	**364**
Session Average	0.03	2.55	1.06	0.04	0.07	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	**3.79**
Session Percentage	0.82	67.31	28.02	1.10	1.92	0.55	0.00	0.27	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0715 - 0815	0900 - 1000	0630 - 0730	0800 - 0900	0945 - 1045	-	-	-	-	-	-	-	**0715 - 0815**
AM Peak Volume	0	23	8	2	2	1	0	0	0	0	0	0	0	**28**

Noon Peak Hour	1145 - 1245	1230 - 1330	1200 - 1300	1400 - 1500	1045 - 1145	1030 - 1130	-	1345 - 1445	-	-	-	-	-	**1200 - 1300**
Noon Peak Volume	2	23	15	1	3	2	0	1	0	0	0	0	0	**35**

PM Peak Hour	-	1715 - 1815	1545 - 1645	1515 - 1615	1745 - 1845	-	-	-	-	-	-	-	-	**1545 - 1645**
PM Peak Volume	0	29	19	1	2	0	0	0	0	0	0	0	0	**37**

Bi-Directional Class Count || Volume Summary 15min

Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Tuesday, August 8, 2023

Weather
Mostly Cloudy
77°F

Lat/Long
34.350509°, -83.887030°

0000 - 2400 (Weekday 24h Session) (08-08-2023)
Volume Summary 15min

TIME	Volume Summary 15min EB	WB	15min Total	60min Total
0000 - 0015	0	0	**0**	
0015 - 0030	1	0	**1**	
0030 - 0045	0	0	**0**	
0045 - 0100	0	0	**0**	**1**
0100 - 0115	0	0	**0**	
0115 - 0130	0	0	**0**	
0130 - 0145	0	0	**0**	
0145 - 0200	0	0	**0**	**0**
0200 - 0215	0	0	**0**	
0215 - 0230	0	0	**0**	
0230 - 0245	0	0	**0**	
0245 - 0300	0	0	**0**	**0**
0300 - 0315	0	0	**0**	
0315 - 0330	0	0	**0**	
0330 - 0345	0	1	**1**	
0345 - 0400	0	1	**1**	**2**
0400 - 0415	0	0	**0**	
0415 - 0430	0	0	**0**	
0430 - 0445	0	2	**2**	
0445 - 0500	0	0	**0**	**2**
0500 - 0515	0	0	**0**	
0515 - 0530	0	1	**1**	
0530 - 0545	0	0	**0**	
0545 - 0600	1	1	**2**	**3**
0600 - 0615	1	4	**5**	
0615 - 0630	1	1	**2**	
0630 - 0645	0	1	**1**	
0645 - 0700	1	3	**4**	**12**
0700 - 0715	0	1	**1**	
0715 - 0730	3	4	**7**	
0730 - 0745	1	6	**7**	
0745 - 0800	2	2	**4**	**19**
0800 - 0815	4	6	**10**	
0815 - 0830	2	2	**4**	
0830 - 0845	2	2	**4**	
0845 - 0900	1	3	**4**	**22**
0900 - 0915	2	1	**3**	
0915 - 0930	4	3	**7**	
0930 - 0945	1	2	**3**	
0945 - 1000	2	3	**5**	**18**
1000 - 1015	3	3	**6**	
1015 - 1030	3	1	**4**	
1030 - 1045	2	1	**3**	
1045 - 1100	5	0	**5**	**18**
1100 - 1115	0	3	**3**	
1115 - 1130	1	3	**4**	
1130 - 1145	4	0	**4**	
1145 - 1200	3	2	**5**	**16**

Time	Volume Summary 15min EB	WB	15min Total	60min Total
1200 - 1215	8	1	**9**	
1215 - 1230	2	1	**3**	
1230 - 1245	4	5	**9**	
1245 - 1300	9	5	**14**	**35**
1300 - 1315	2	4	**6**	
1315 - 1330	1	4	**5**	
1330 - 1345	2	2	**4**	
1345 - 1400	4	0	**4**	**19**
1400 - 1415	1	1	**2**	
1415 - 1430	2	4	**6**	
1430 - 1445	2	2	**4**	
1445 - 1500	9	2	**11**	**23**
1500 - 1515	3	4	**7**	
1515 - 1530	2	5	**7**	
1530 - 1545	2	1	**3**	
1545 - 1600	9	6	**15**	**32**
1600 - 1615	5	3	**8**	
1615 - 1630	2	4	**6**	
1630 - 1645	3	5	**8**	
1645 - 1700	4	6	**10**	**32**
1700 - 1715	3	2	**5**	
1715 - 1730	4	5	**9**	
1730 - 1745	2	4	**6**	
1745 - 1800	5	6	**11**	**31**
1800 - 1815	5	3	**8**	
1815 - 1830	6	3	**9**	
1830 - 1845	7	1	**8**	
1845 - 1900	1	2	**3**	**28**
1900 - 1915	1	2	**3**	
1915 - 1930	2	0	**2**	
1930 - 1945	3	0	**3**	
1945 - 2000	3	5	**8**	**16**
2000 - 2015	2	3	**5**	
2015 - 2030	2	1	**3**	
2030 - 2045	1	1	**2**	
2045 - 2100	1	0	**1**	**11**
2100 - 2115	2	1	**3**	
2115 - 2130	4	3	**7**	
2130 - 2145	0	2	**2**	
2145 - 2200	0	0	**0**	**12**
2200 - 2215	2	1	**3**	
2215 - 2230	0	1	**1**	
2230 - 2245	1	0	**1**	
2245 - 2300	1	0	**1**	**6**
2300 - 2315	1	1	**2**	
2315 - 2330	0	1	**1**	
2330 - 2345	2	0	**2**	
2345 - 0000	1	0	**1**	**6**

Session Total	188	176	**364**
Session Average	1.96	1.83	**3.79**
Session Percentage	51.65	48.35	

Bi-Directional Class Count || NB EB 60min

Hall County, GA

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Site 1
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east of Sardis Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.350509°, -83.887030°

Weather
Mostly Cloudy
77°F

0000 - 2400 (Weekday 24h Session) (08-08-2023)
NB EB 60min

	Eastbound (Movement 1.1)													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0500 - 0600	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0600 - 0700	0	2	0	1	0	0	0	0	0	0	0	0	0	**3**
0700 - 0800	0	5	0	1	0	0	0	0	0	0	0	0	0	**6**
0800 - 0900	0	7	2	0	0	0	0	0	0	0	0	0	0	**9**
0900 - 1000	0	6	3	0	0	0	0	0	0	0	0	0	0	**9**
1000 - 1100	0	10	2	0	0	1	0	0	0	0	0	0	0	**13**
1100 - 1200	0	5	2	0	1	0	0	0	0	0	0	0	0	**8**
1200 - 1300	1	10	12	0	0	0	0	0	0	0	0	0	0	**23**
1300 - 1400	0	7	2	0	0	0	0	0	0	0	0	0	0	**9**
1400 - 1500	0	10	2	1	0	0	0	1	0	0	0	0	0	**14**
1500 - 1600	0	12	4	0	0	0	0	0	0	0	0	0	0	**16**
1600 - 1700	0	8	5	1	0	0	0	0	0	0	0	0	0	**14**
1700 - 1800	0	13	1	0	0	0	0	0	0	0	0	0	0	**14**
1800 - 1900	0	11	6	0	2	0	0	0	0	0	0	0	0	**19**
1900 - 2000	0	5	4	0	0	0	0	0	0	0	0	0	0	**9**
2000 - 2100	0	6	0	0	0	0	0	0	0	0	0	0	0	**6**
2100 - 2200	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
2200 - 2300	0	3	1	0	0	0	0	0	0	0	0	0	0	**4**
2300 - 2400	1	3	0	0	0	0	0	0	0	0	0	0	0	**4**

Session Total	2	129	48	4	3	1	0	1	0	0	0	0	0	**188**
Session Average	0.08	5.38	2.00	0.17	0.13	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	**7.83**
Session Percentage	1.06	68.62	25.53	2.13	1.60	0.53	0.00	0.53	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0800 - 0900	0900 - 1000	0600 - 0700	-	-	-	-	-	-	-	-	-	**0800 - 0900**
AM Peak Volume	0	7	3	1	0	0	0	0	0	0	0	0	0	**9**

Noon Peak Hour	1200 - 1300	1000 - 1100	1200 - 1300	1400 - 1500	1100 - 1200	1000 - 1100	-	1400 - 1500	-	-	-	-	-	**1200 - 1300**
Noon Peak Volume	1	10	12	1	1	1	0	1	0	0	0	0	0	**23**

PM Peak Hour	-	1700 - 1800	1800 - 1900	1600 - 1700	1800 - 1900	-	-	-	-	-	-	-	-	**1800 - 1900**
PM Peak Volume	0	13	6	1	2	0	0	0	0	0	0	0	0	**19**

Bi-Directional Class Count || SB WB 60min

Hall County, GA

Marr Traffic DATA COLLECTION
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Site 1
Antioch Campground Rd,
east of Sardis Rd

Date
Tuesday, August 8, 2023

Lat/Long
34.350509°, -83.887030°

Weather
Mostly Cloudy
77°F

0000 - 2400 (Weekday 24h Session) (08-08-2023)
SB WB 60min

	Westbound (Movement 1.2)													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0400 - 0500	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**
0500 - 0600	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0600 - 0700	0	8	1	0	0	0	0	0	0	0	0	0	0	**9**
0700 - 0800	0	10	3	0	0	0	0	0	0	0	0	0	0	**13**
0800 - 0900	0	8	3	0	2	0	0	0	0	0	0	0	0	**13**
0900 - 1000	0	4	5	0	0	0	0	0	0	0	0	0	0	**9**
1000 - 1100	0	4	1	0	0	0	0	0	0	0	0	0	0	**5**
1100 - 1200	0	4	1	0	2	1	0	0	0	0	0	0	0	**8**
1200 - 1300	1	8	3	0	0	0	0	0	0	0	0	0	0	**12**
1300 - 1400	0	7	3	0	0	0	0	0	0	0	0	0	0	**10**
1400 - 1500	0	6	3	0	0	0	0	0	0	0	0	0	0	**9**
1500 - 1600	0	9	7	0	0	0	0	0	0	0	0	0	0	**16**
1600 - 1700	0	9	9	0	0	0	0	0	0	0	0	0	0	**18**
1700 - 1800	0	14	3	0	0	0	0	0	0	0	0	0	0	**17**
1800 - 1900	0	5	4	0	0	0	0	0	0	0	0	0	0	**9**
1900 - 2000	0	5	2	0	0	0	0	0	0	0	0	0	0	**7**
2000 - 2100	0	3	2	0	0	0	0	0	0	0	0	0	0	**5**
2100 - 2200	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
2200 - 2300	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**
2300 - 2400	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**

Session Total	1	116	54	0	4	1	0	0	0	0	0	0	0	**176**
Session Average	0.04	4.83	2.25	0.00	0.17	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**7.33**
Session Percentage	0.57	65.91	30.68	0.00	2.27	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0700 - 0800	0900 - 1000	-	0800 - 0900	-	-	-	-	-	-	-	-	**0700 - 0800**
AM Peak Volume	0	10	5	0	2	0	0	0	0	0	0	0	0	**13**

Noon Peak Hour	1200 - 1300	1200 - 1300	1200 - 1300	-	1100 - 1200	1100 - 1200	-	-	-	-	-	-	-	**1200 - 1300**
Noon Peak Volume	1	8	3	0	2	1	0	0	0	0	0	0	0	**12**

PM Peak Hour	-	1700 - 1800	1600 - 1700	-	-	-	-	-	-	-	-	-	-	**1600 - 1700**
PM Peak Volume	0	14	9	0	0	0	0	0	0	0	0	0	0	**18**

Bi-Directional Class Count || Bi-Directional 60min

Hall County, GA

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Tuesday, August 8, 2023

Lat/Long
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Weather
Mostly Cloudy
77°F

0000 - 2400 (Weekday 24h Session) (08-08-2023)
Bi-Directional 60min

	Bi-Directional 60min													
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	**Total**
0000 - 0100	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
0300 - 0400	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
0400 - 0500	0	1	1	0	0	0	0	0	0	0	0	0	0	**2**
0500 - 0600	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**
0600 - 0700	0	10	1	1	0	0	0	0	0	0	0	0	0	**12**
0700 - 0800	0	15	3	1	0	0	0	0	0	0	0	0	0	**19**
0800 - 0900	0	15	5	0	2	0	0	0	0	0	0	0	0	**22**
0900 - 1000	0	10	8	0	0	0	0	0	0	0	0	0	0	**18**
1000 - 1100	0	14	3	0	0	1	0	0	0	0	0	0	0	**18**
1100 - 1200	0	9	3	0	3	1	0	0	0	0	0	0	0	**16**
1200 - 1300	2	18	15	0	0	0	0	0	0	0	0	0	0	**35**
1300 - 1400	0	14	5	0	0	0	0	0	0	0	0	0	0	**19**
1400 - 1500	0	16	5	1	0	0	0	1	0	0	0	0	0	**23**
1500 - 1600	0	21	11	0	0	0	0	0	0	0	0	0	0	**32**
1600 - 1700	0	17	14	1	0	0	0	0	0	0	0	0	0	**32**
1700 - 1800	0	27	4	0	0	0	0	0	0	0	0	0	0	**31**
1800 - 1900	0	16	10	0	2	0	0	0	0	0	0	0	0	**28**
1900 - 2000	0	10	6	0	0	0	0	0	0	0	0	0	0	**16**
2000 - 2100	0	9	2	0	0	0	0	0	0	0	0	0	0	**11**
2100 - 2200	0	8	4	0	0	0	0	0	0	0	0	0	0	**12**
2200 - 2300	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
2300 - 2400	1	5	0	0	0	0	0	0	0	0	0	0	0	**6**

Session Total	3	245	102	4	7	2	0	1	0	0	0	0	0	**364**
Session Average	0.13	10.21	4.25	0.17	0.29	0.08	0.00	0.04	0.00	0.00	0.00	0.00	0.00	**15.17**
Session Percentage	0.82	67.31	28.02	1.10	1.92	0.55	0.00	0.27	0.00	0.00	0.00	0.00	0.00	

AM Peak Hour	-	0700 - 0800	0900 - 1000	0600 - 0700	0800 - 0900	-	-	-	-	-	-	-	-	**0800 - 0900**
AM Peak Volume	0	15	8	1	2	0	0	0	0	0	0	0	0	**22**

Noon Peak Hour	1200 - 1300	1200 - 1300	1200 - 1300	1400 - 1500	1100 - 1200	1000 - 1100	-	1400 - 1500	-	-	-	-	-	**1200 - 1300**
Noon Peak Volume	2	18	15	1	3	1	0	1	0	0	0	0	0	**35**

PM Peak Hour	-	1700 - 1800	1600 - 1700	1600 - 1700	1800 - 1900	-	-	-	-	-	-	-	-	**1500 - 1600**
PM Peak Volume	0	27	14	1	2	0	0	0	0	0	0	0	0	**32**

Bi-Directional Class Count || Volume Summary 60min

Hall County, GA

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Date
Tuesday, August 8, 2023

Weather
Mostly Cloudy
77°F

Lat/Long
34.350509°, -83.887030°

0000 - 2400 (Weekday 24h Session) (08-08-2023)
Volume Summary 60min

	Volume Summary 60min		
TIME	EB	WB	**Total**
0000 - 0100	1	0	**1**
0100 - 0200	0	0	**0**
0200 - 0300	0	0	**0**
0300 - 0400	0	2	**2**
0400 - 0500	0	2	**2**
0500 - 0600	1	2	**3**
0600 - 0700	3	9	**12**
0700 - 0800	6	13	**19**
0800 - 0900	9	13	**22**
0900 - 1000	9	9	**18**
1000 - 1100	13	5	**18**
1100 - 1200	8	8	**16**

	Volume Summary 60min		
Time	EB	WB	**Total**
1200 - 1300	23	12	**35**
1300 - 1400	9	10	**19**
1400 - 1500	14	9	**23**
1500 - 1600	16	16	**32**
1600 - 1700	14	18	**32**
1700 - 1800	14	17	**31**
1800 - 1900	19	9	**28**
1900 - 2000	9	7	**16**
2000 - 2100	6	5	**11**
2100 - 2200	6	6	**12**
2200 - 2300	4	2	**6**
2300 - 2400	4	2	**6**

Session Total	188	176	**364**
Session Average	7.83	7.33	**15.17**
Session Percentage	51.65	48.35	

Bi-Directional Class Count || Graphical Analysis NB EB

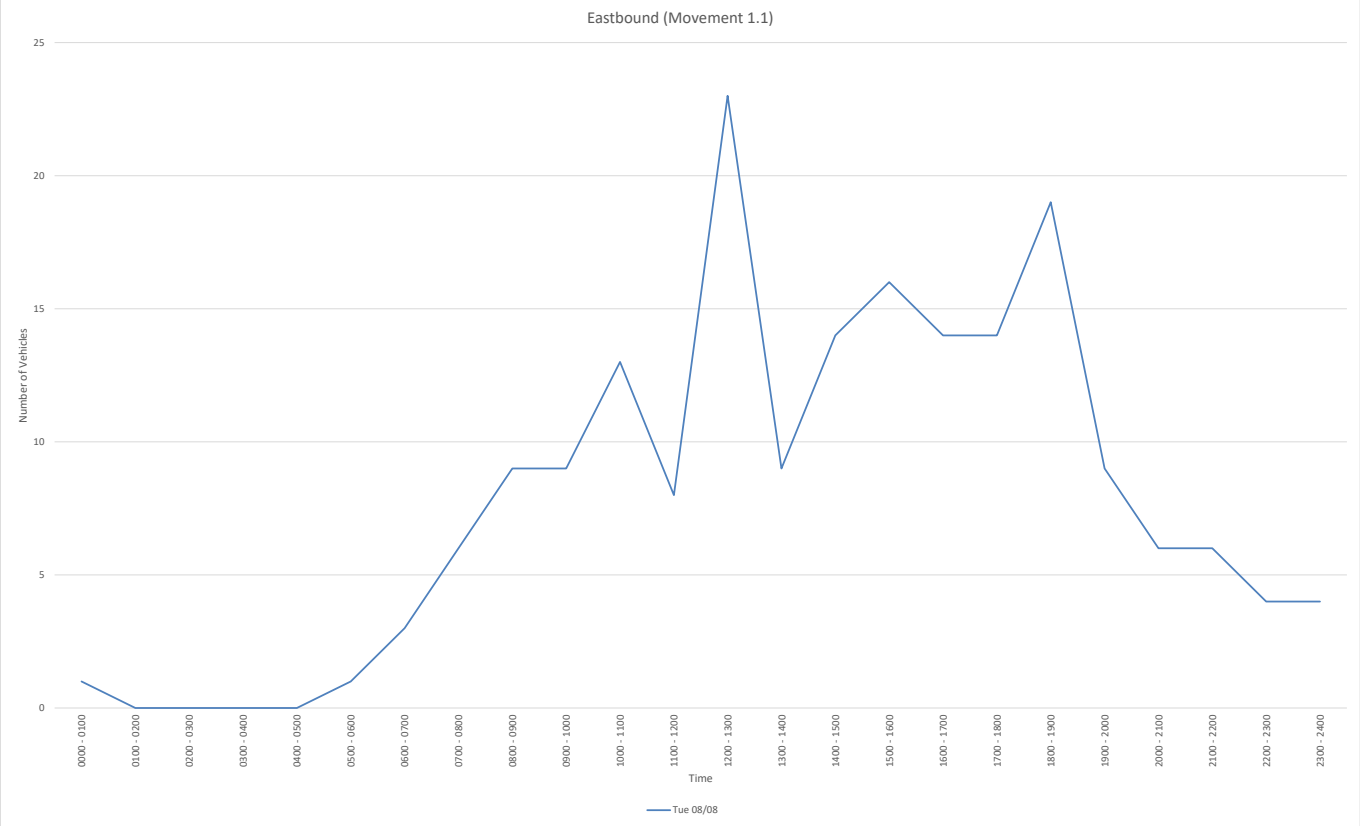
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Lat/Long
34.350509°, -83.887030°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis NB EB



Bi-Directional Class Count || Graphical Analysis SB WB

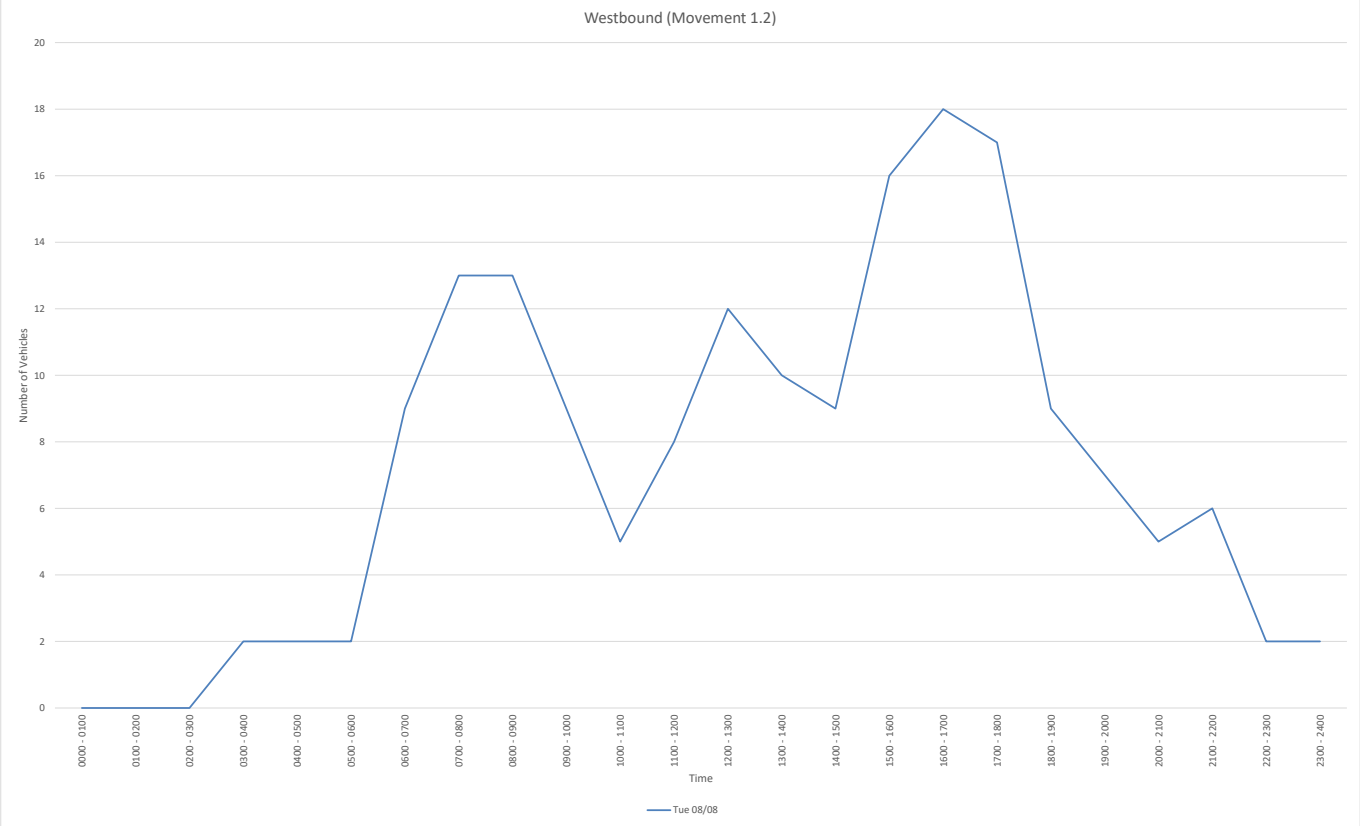
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Lat/Long
34.350509°, -83.887030°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis SB WB



Bi-Directional Class Count || Graphical Analysis BiDir

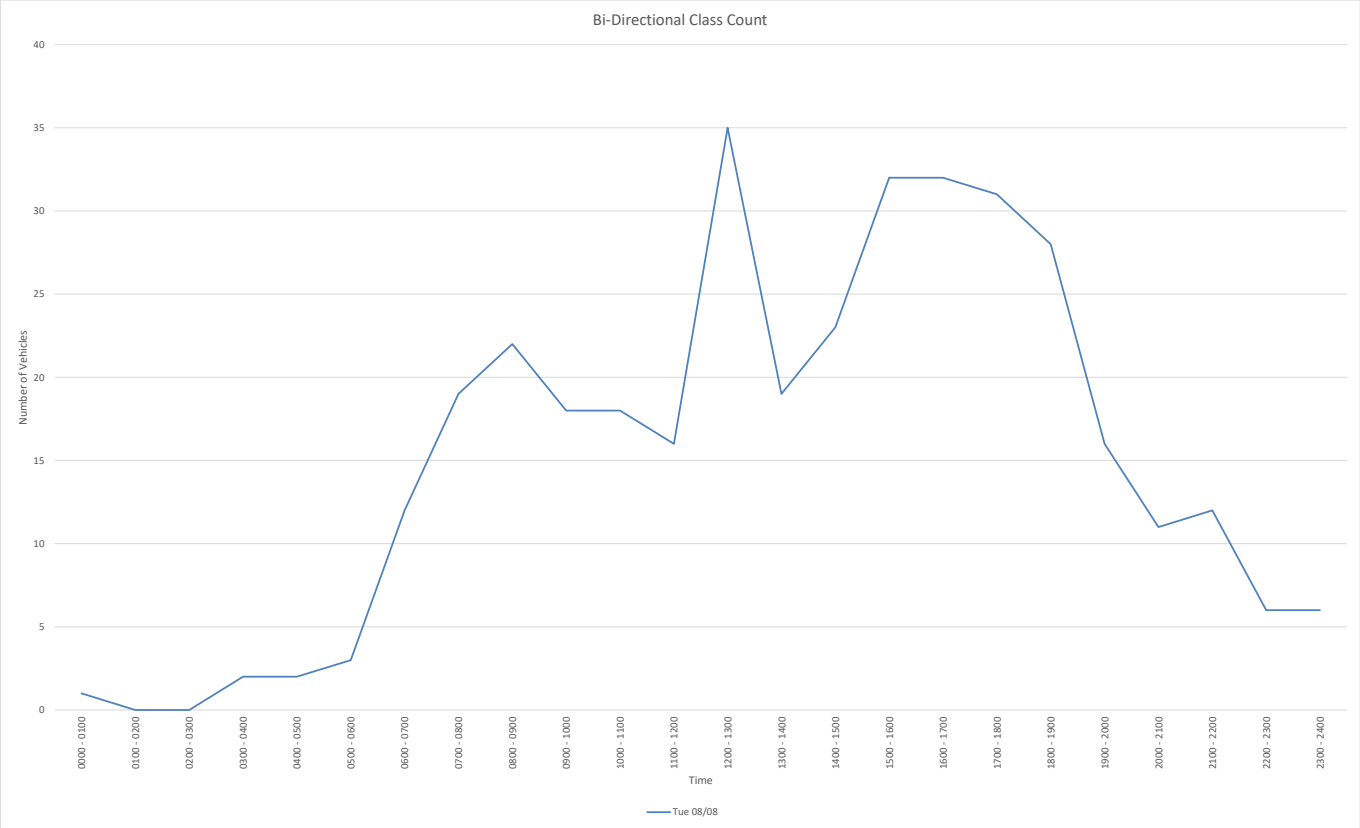
Hall County, GA

Marr Traffic DATA COLLECTION
www.marrtraffic.com

Site 1
Antioch Campground Rd,
east of Sardis Rd

Lat/Long
34.350509°, -83.887030°

0000 - 2400 (Weekday 24h Session)
Graphical Analysis BiDir



EB
File Name:
Start Date: 8/8/2023
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
8/8/2023	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:45 AM	0	0	0	1	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 AM	0	2	0	1	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 AM	0	1	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:30 AM	0	1	0	0	0	1	0	0	0	0	0	0	0
8/8/2023	10:45 AM	0	3	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:30 AM	0	3	0	0	1	0	0	0	0	0	0	0	0
8/8/2023	11:45 AM	0	1	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:00 PM	1	3	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 PM	0	2	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 PM	0	4	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 PM	0	2	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	0
8/8/2023	2:45 PM	0	6	2	1	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 PM	0	6	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 PM	0	2	2	1	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 PM	0	0	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 PM	0	5	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 PM	0	2	3	0	1	0	0	0	0	0	0	0	0
8/8/2023	6:30 PM	0	4	2	0	1	0	0	0	0	0	0	0	0
8/8/2023	6:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 PM	0	0	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:30 PM	1	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0

WB
File Name:
Start Date: 8/8/2023
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
8/8/2023	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 AM	0	4	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:45 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 AM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 AM	0	5	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 AM	0	5	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0
8/8/2023	8:45 AM	0	1	1	0	1	0	0	0	0	0	0	0	0
8/8/2023	9:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 AM	0	1	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:00 AM	0	1	0	0	2	0	0	0	0	0	0	0	0
8/8/2023	11:15 AM	0	2	0	0	0	1	0	0	0	0	0	0	0
8/8/2023	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:45 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 PM	1	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 PM	0	5	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:45 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 PM	0	2	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 PM	0	3	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 PM	0	0	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 PM	0	1	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 PM	0	4	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 PM	0	1	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:45 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

EB
File Name:
Start Date: 8/8/2023
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
8/8/2023	12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 AM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 AM	0	2	0	1	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0
8/8/2023	6:30 AM	0	2	0	2	0	0	0	0	0	0	0	0	0
8/8/2023	6:45 AM	0	3	0	2	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 AM	0	5	0	1	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 AM	0	8	1	1	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 AM	0	7	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 AM	0	8	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 AM	0	7	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 AM	0	6	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 AM	0	6	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:45 AM	0	5	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:00 AM	0	6	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 AM	0	7	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 AM	0	9	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 AM	0	9	0	0	0	1	0	0	0	0	0	0	0
8/8/2023	10:00 AM	0	10	2	0	0	1	0	0	0	0	0	0	0
8/8/2023	10:15 AM	0	7	2	0	0	1	0	0	0	0	0	0	0
8/8/2023	10:30 AM	0	5	2	0	0	1	0	0	0	0	0	0	0
8/8/2023	10:45 AM	0	7	2	0	1	0	0	0	0	0	0	0	0
8/8/2023	11:00 AM	0	5	2	0	1	0	0	0	0	0	0	0	0
8/8/2023	11:15 AM	1	8	6	0	1	0	0	0	0	0	0	0	0
8/8/2023	11:30 AM	1	8	7	0	1	0	0	0	0	0	0	0	0
8/8/2023	11:45 AM	1	7	9	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:00 PM	1	10	12	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 PM	0	9	8	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 PM	0	9	7	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 PM	0	9	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 PM	0	7	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 PM	0	6	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 PM	0	7	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 PM	0	6	2	0	0	0	0	1	0	0	0	0	0
8/8/2023	2:00 PM	0	10	2	1	0	0	0	1	0	0	0	0	0
8/8/2023	2:15 PM	0	11	3	1	0	0	0	1	0	0	0	0	0
8/8/2023	2:30 PM	0	11	3	1	0	0	0	1	0	0	0	0	0
8/8/2023	2:45 PM	0	12	3	1	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 PM	0	12	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 PM	0	12	5	1	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 PM	0	10	7	1	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 PM	0	10	8	1	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 PM	0	8	5	1	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 PM	0	8	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 PM	0	12	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 PM	0	12	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 PM	0	13	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 PM	0	15	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 PM	0	13	4	0	1	0	0	0	0	0	0	0	0
8/8/2023	5:45 PM	0	15	6	0	2	0	0	0	0	0	0	0	0
8/8/2023	6:00 PM	0	11	6	0	2	0	0	0	0	0	0	0	0
8/8/2023	6:15 PM	0	8	5	0	2	0	0	0	0	0	0	0	0
8/8/2023	6:30 PM	0	8	2	0	1	0	0	0	0	0	0	0	0
8/8/2023	6:45 PM	0	4	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 PM	0	5	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 PM	0	6	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 PM	0	6	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 PM	0	7	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 PM	0	6	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 PM	0	5	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 PM	0	6	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:45 PM	0	5	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:00 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 PM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:30 PM	0	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:45 PM	1	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:00 PM	1	3	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:15 PM	1	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:30 PM	1	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0

WB
File Name:
Start Date: 8/8/2023
Start Time: 0
Site Code: 1
Station ID: 1
Location 1: Antioch Campground Rd, east of Sardis Rd
Location 2:

Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	13
8/8/2023	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 AM	0	2	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 AM	0	6	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 AM	0	6	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 AM	0	7	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 AM	0	8	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 AM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:30 AM	0	6	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:45 AM	0	10	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 AM	0	10	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 AM	0	15	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 AM	0	13	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 AM	0	9	2	0	1	0	0	0	0	0	0	0	0
8/8/2023	8:00 AM	0	8	3	0	2	0	0	0	0	0	0	0	0
8/8/2023	8:15 AM	0	3	3	0	2	0	0	0	0	0	0	0	0
8/8/2023	8:30 AM	0	4	3	0	2	0	0	0	0	0	0	0	0
8/8/2023	8:45 AM	0	4	4	0	1	0	0	0	0	0	0	0	0
8/8/2023	9:00 AM	0	4	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 AM	0	7	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 AM	0	6	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 AM	0	5	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 AM	0	4	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 AM	0	2	1	0	2	0	0	0	0	0	0	0	0
8/8/2023	10:30 AM	0	3	1	0	2	1	0	0	0	0	0	0	0
8/8/2023	10:45 AM	0	3	0	0	2	1	0	0	0	0	0	0	0
8/8/2023	11:00 AM	0	4	1	0	2	1	0	0	0	0	0	0	0
8/8/2023	11:15 AM	0	3	2	0	0	1	0	0	0	0	0	0	0
8/8/2023	11:30 AM	0	1	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:45 AM	1	4	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:00 PM	1	8	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:15 PM	1	11	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:30 PM	1	14	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	12:45 PM	0	12	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:00 PM	0	7	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:15 PM	0	5	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:30 PM	0	5	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	1:45 PM	0	5	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:00 PM	0	6	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:15 PM	0	7	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:30 PM	0	8	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	2:45 PM	0	7	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:00 PM	0	9	7	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:15 PM	0	7	8	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:30 PM	0	6	8	0	0	0	0	0	0	0	0	0	0
8/8/2023	3:45 PM	0	7	11	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:00 PM	0	9	9	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:15 PM	0	11	6	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:30 PM	0	12	6	0	0	0	0	0	0	0	0	0	0
8/8/2023	4:45 PM	0	15	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:00 PM	0	14	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:15 PM	0	14	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:30 PM	0	11	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	5:45 PM	0	8	5	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:00 PM	0	5	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:15 PM	0	5	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:30 PM	0	4	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	6:45 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:00 PM	0	5	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:15 PM	0	5	3	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:30 PM	0	5	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	7:45 PM	0	6	4	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:00 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:15 PM	0	1	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:30 PM	0	3	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	8:45 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:00 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:15 PM	0	4	2	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:30 PM	0	3	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	9:45 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	10:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023	11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

Somerset at Sardis Creek Residential - Growth Rate Calculation Worksheet

Percentage Growth - Traffic Data										
Roadway	**County**	**Traffic Count Station**	**2018 Traffic Volumes**	**2019 Traffic Volumes**	**2020 Traffic Volumes**	**2021 Traffic Volumes**	**2022 Traffic Volumes**	**2023 Traffic Volumes by Linear Regress.**	**2027 Traffic Volumes by Linear Regress.**	**Annual Growth 2023 to 2025**
Sardis Road	Hall	139-0509	8,350	8,140	7,350	8,010	8,190	7,873	7,693	-0.6%
Ledan Road	Hall	139-0113	5,840	5,840	5,800	6,100	6,170	6,226	6,594	1.5%
Weighted Average			**14,190**	**13,980**	**13,150**	**14,110**	**14,360**	**14,099**	**14,287**	**0.3%**

Percentage Growth - US Census Data								
Census Area	**2018 Population**	**2019 Population**	**2020 Population**	**2021 Population**	**2022 Population**	**2023 Population by Linear Regress.**	**2026 Population by Linear Regress.**	**Annual Growth 2023 to 2025**
City of Gainesville	41,336	43,233	42,565	43,398	45,282	45,580	47,997	1.8%
Hall County	201,396	204,310	203,735	207,393	212,692	213,608	221,310	1.2%
Weighted Average	**242,732**	**247,543**	**246,300**	**250,791**	**257,974**	**259,188**	**269,307**	**1.3%**

APPENDIX C:

SYNCHRO REPORTS

Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	9	253	6	12	634
Future Vol, veh/h	13	9	253	6	12	634
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	6	6	6	13	0	3
Mvmt Flow	14	10	278	7	13	697

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1004	281	0	0	285	0
Stage 1	281	-	-	-	-	-
Stage 2	723	-	-	-	-	-
Critical Hdwy	6.46	6.26	-	-	4.1	-
Critical Hdwy Stg 1	5.46	-	-	-	-	-
Critical Hdwy Stg 2	5.46	-	-	-	-	-
Follow-up Hdwy	3.554	3.354	-	-	2.2	-
Pot Cap-1 Maneuver	263	748	-	-	1289	-
Stage 1	757	-	-	-	-	-
Stage 2	473	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	259	748	-	-	1289	-
Mov Cap-2 Maneuver	259	-	-	-	-	-
Stage 1	757	-	-	-	-	-
Stage 2	465	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	15.93	0	0.15
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	353	33	-
HCM Lane V/C Ratio	-	-	0.068	0.01	-
HCM Control Delay (s/veh)	-	-	15.9	7.8	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	5	15	520	8	13	448
Future Vol, veh/h	5	15	520	8	13	448
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	2	7	0	2
Mvmt Flow	5	16	553	9	14	477

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1062	557	0	0	562	0
Stage 1	557	-	-	-	-	-
Stage 2	504	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	250	533	-	-	1020	-
Stage 1	577	-	-	-	-	-
Stage 2	611	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	245	533	-	-	1020	-
Mov Cap-2 Maneuver	245	-	-	-	-	-
Stage 1	577	-	-	-	-	-
Stage 2	599	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	14.21	0	0.24
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	412	51	-
HCM Lane V/C Ratio	-	-	0.052	0.014	-
HCM Control Delay (s/veh)	-	-	14.2	8.6	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0	-

Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	14	10	268	6	13	673
Future Vol, veh/h	14	10	268	6	13	673
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	6	6	6	13	0	3
Mvmt Flow	15	11	295	7	14	740

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1066	298	0	0	301	0
Stage 1	298	-	-	-	-	-
Stage 2	768	-	-	-	-	-
Critical Hdwy	6.46	6.26	-	-	4.1	-
Critical Hdwy Stg 1	5.46	-	-	-	-	-
Critical Hdwy Stg 2	5.46	-	-	-	-	-
Follow-up Hdwy	3.554	3.354	-	-	2.2	-
Pot Cap-1 Maneuver	242	732	-	-	1271	-
Stage 1	744	-	-	-	-	-
Stage 2	451	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	237	732	-	-	1271	-
Mov Cap-2 Maneuver	237	-	-	-	-	-
Stage 1	744	-	-	-	-	-
Stage 2	442	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	16.84	0	0.15
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	330	34	-
HCM Lane V/C Ratio	-	-	0.08	0.011	-
HCM Control Delay (s/veh)	-	-	16.8	7.9	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0.3	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	5	16	552	8	14	475
Future Vol, veh/h	5	16	552	8	14	475
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	2	7	0	2
Mvmt Flow	5	17	587	9	15	505

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1127	591	0	0	596	0
Stage 1	591	-	-	-	-	-
Stage 2	535	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	228	510	-	-	991	-
Stage 1	557	-	-	-	-	-
Stage 2	591	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	224	510	-	-	991	-
Mov Cap-2 Maneuver	224	-	-	-	-	-
Stage 1	557	-	-	-	-	-
Stage 2	579	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	14.76	0	0.25
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	391	52	-
HCM Lane V/C Ratio	-	-	0.057	0.015	-
HCM Control Delay (s/veh)	-	-	14.8	8.7	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0	-

Intersection	
Int Delay, s/veh	1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	26	21	268	12	18	673
Future Vol, veh/h	26	21	268	12	18	673
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	6	6	6	13	0	3
Mvmt Flow	29	23	295	13	20	740

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1080	301	0	0	308	0
Stage 1	301	-	-	-	-	-
Stage 2	779	-	-	-	-	-
Critical Hdwy	6.46	6.26	-	-	4.1	-
Critical Hdwy Stg 1	5.46	-	-	-	-	-
Critical Hdwy Stg 2	5.46	-	-	-	-	-
Follow-up Hdwy	3.554	3.354	-	-	2.2	-
Pot Cap-1 Maneuver	237	729	-	-	1264	-
Stage 1	742	-	-	-	-	-
Stage 2	445	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	231	729	-	-	1264	-
Mov Cap-2 Maneuver	231	-	-	-	-	-
Stage 1	742	-	-	-	-	-
Stage 2	434	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	17.82	0	0.21
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	332	47	-
HCM Lane V/C Ratio	-	-	0.155	0.016	-
HCM Control Delay (s/veh)	-	-	17.8	7.9	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0.5	0	-

Intersection	
Int Delay, s/veh	3.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	17	5	3	19	23	1
Future Vol, veh/h	17	5	3	19	23	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	18	5	3	21	25	1

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	24	0	48	21
Stage 1	-	-	-	-	21	-
Stage 2	-	-	-	-	27	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1591	-	961	1056
Stage 1	-	-	-	-	1001	-
Stage 2	-	-	-	-	995	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1591	-	959	1056
Mov Cap-2 Maneuver	-	-	-	-	959	-
Stage 1	-	-	-	-	1001	-
Stage 2	-	-	-	-	993	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0.99	8.84
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	963	-	-	245	-
HCM Lane V/C Ratio	0.027	-	-	0.002	-
HCM Control Delay (s/veh)	8.8	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	12	6	0	22	0	5
Future Vol, veh/h	12	6	0	22	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Free	-	None	-	Stop
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	13	7	0	24	0	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	13
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.318
Pot Cap-1 Maneuver	-	0	0	-	0	1067
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	1067
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	8.39
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	1067	-	-
HCM Lane V/C Ratio	0.005	-	-
HCM Control Delay (s/veh)	8.4	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	23	552	20	26	475
Future Vol, veh/h	13	23	552	20	26	475
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	2	7	0	2
Mvmt Flow	14	24	587	21	28	505

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1159	598	0	0	609	0
Stage 1	598	-	-	-	-	-
Stage 2	561	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	219	506	-	-	980	-
Stage 1	553	-	-	-	-	-
Stage 2	575	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	210	506	-	-	980	-
Mov Cap-2 Maneuver	210	-	-	-	-	-
Stage 1	553	-	-	-	-	-
Stage 2	553	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s/v	17.1	0	0.46
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	335	93	-
HCM Lane V/C Ratio	-	-	0.114	0.028	-
HCM Control Delay (s/veh)	-	-	17.1	8.8	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0.4	0.1	-

Intersection	
Int Delay, s/veh	2.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	27	12	6	18	15	1
Future Vol, veh/h	27	12	6	18	15	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	29	13	7	20	16	1

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	42	0	68	36
Stage 1	-	-	-	-	36	-
Stage 2	-	-	-	-	33	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1567	-	936	1037
Stage 1	-	-	-	-	987	-
Stage 2	-	-	-	-	990	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1567	-	932	1037
Mov Cap-2 Maneuver	-	-	-	-	932	-
Stage 1	-	-	-	-	987	-
Stage 2	-	-	-	-	986	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	1.83	8.91
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	938	-	-	450	-
HCM Lane V/C Ratio	0.019	-	-	0.004	-
HCM Control Delay (s/veh)	8.9	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	16	12	0	24	0	3
Future Vol, veh/h	16	12	0	24	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Free	-	None	-	Stop
Storage Length	-	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	17	13	0	26	0	3

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	17
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.318
Pot Cap-1 Maneuver	-	0	0	-	0	1061
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	1061
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	8.4
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	1061	-	-
HCM Lane V/C Ratio	0.003	-	-
HCM Control Delay (s/veh)	8.4	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0	-	-

APPENDIX D:

TURN LANE EVALUATIONS

Site Driveway 1

Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection.

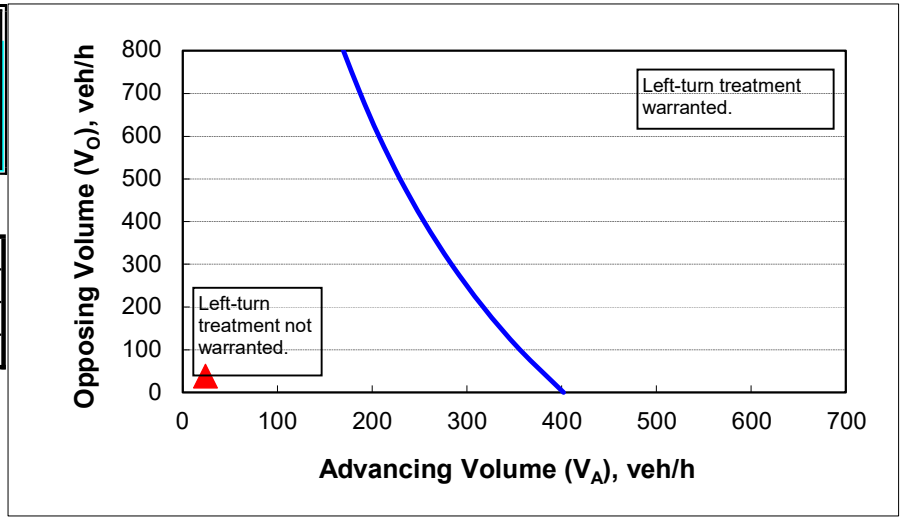
2-lane roadway (English)

INPUT

Variable	Value
85th percentile speed, mph:	40
Percent of left-turns in advancing volume (V_A), %:	25%
Advancing volume (V_A), veh/h:	24
Opposing volume (V_O), veh/h:	39

OUTPUT

Variable	Value
Limiting advancing volume (V_A), veh/h:	383
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	



CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

Site Driveway 1

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

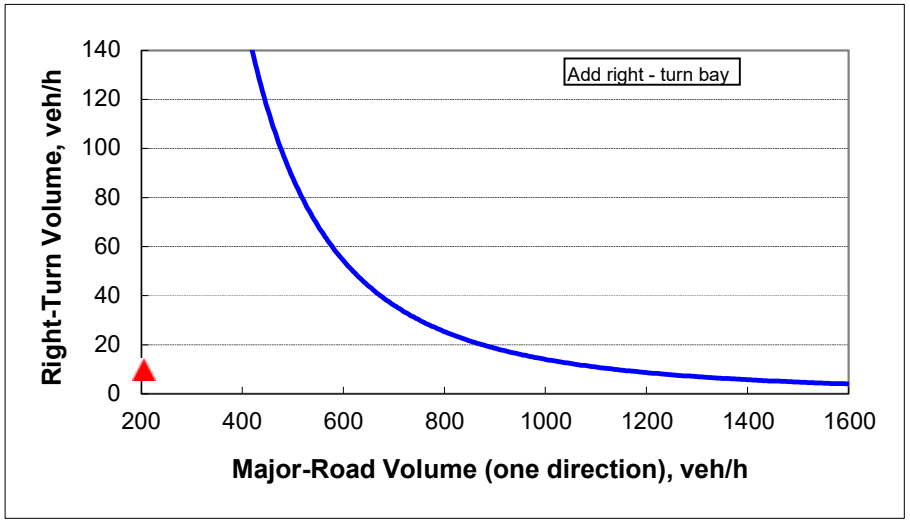
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	39
Right-turn volume, veh/h:	12

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	74086
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	



Site Driveway 2

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

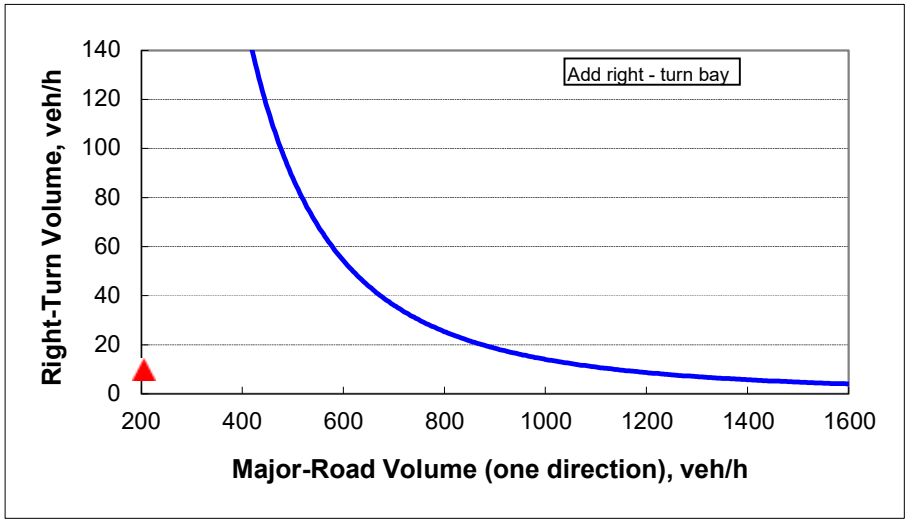
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	38
Right-turn volume, veh/h:	12

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	79347
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	



Anael Dominguez (CDI: Planning)

From: Emily McGahee (Environmental Health)
Sent: Friday, February 23, 2024 4:24 PM
To: Anael Dominguez (CDI: Planning); Beth Garmon (CDI: Planning); Randi Doveton (CDI: Planning)
Cc: Kelly Hairston (Environmental Health); Chad Harper (Environmental Health)
Subject: HCPC Tentative Agenda 4.1.24

Please find Environmental Health comments below:

Item 1, 2615 Pemmican Run, Conner: All proposed structures must meet all residential permitting requirements and/or required setbacks to existing septic system. Area for a feasible, full conventional recovery system must be available. An existing system evaluation/site visit will be required for system serving existing home on property. Additional requirements apply if increasing the number of bedrooms.

Item 2, 3302/3212 Antioch Campground Road, The Revive Land Group: No comment. Public sewer.

Item 3, 6189/6191/6193/6196 Christy Lane, Edwards: All proposed lots must meet Hall County Board of Health Lot Size Resolution requirements. Please note that Zoning approval does not imply approval from other county departments. Further determination will be made during the plat review process. All proposed plats must be submitted to the Hall County Plat Review Team for review and approval prior to submittal to Clerk of Courts for recordation.

Emily McGahee
Hall County Environmental Health
Hall County Government Center
2875 Browns Bridge Road
Mailing: PO Box 5901
Gainesville, GA 30504
(770) 531-3973 (phone)
emcgahee@hallcounty.org

http://dph.georgia.gov/environmental-health (State Website)
http://www.phdistrict2.org/HallCounty.htm (District Website)
https://www.hallcounty.org/192/Environmental-Health (County Website & Forms)

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Anael Dominguez (CDI: Planning)

To: Chavers, Veronica E
Subject: RE: Tentative Planning Agenda for April 1, 2024

From: Chavers, Veronica E <VChavers@dot.ga.gov>
Sent: Thursday, February 29, 2024 9:19 AM
To: Anael Dominguez (CDI: Planning) <adominguez@hallcounty.org>; Beth Garmon (CDI: Planning) <bgarmon@hallcounty.org>
Subject: RE: Tentative Planning Agenda for April 1, 2024

Some people who received this message don't often get email from vchavers@dot.ga.gov. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Comments in red below.

From: Anael Dominguez (CDI: Planning)
Sent: Thursday, February 22, 2024 9:25 AM
To:
Subject: Tentative Planning Agenda for April 1, 2024

Good morning –

Here is the Tentative Agenda and Maps for the **Monday, April 1, 2024** Hall County Planning Commission Meeting.

Please use the links to review the documents and respond with comments to Hall County Planning and Development. Failure to provide comments in a timely manner may result in the information not being included in the staff report.

When submitting comments, please include the name of the applicant along with the address of the property with the corresponding comment.

Comments are due by **Thursday, February 29th.** Email comments to Beth (bgarmon@hallcounty.org) and Ana (adominguez@hallcounty.org).

CALL TO ORDER

AGENDA REVIEW

APPROVAL OF MINUTES – March 18, 2024

NEW BUSINESS

1. **2615 Pemmican Run | Variance |** 17.240.010. to reduce the front yard setback | on a 1.33± acre tract located on the south side of Pemmican Run, approximately 2,400 feet from its intersection with Bruce Drive | Zoned V-C; Tax Parcel 08004 000001A | **Proposed Use: Single-family residence** | * Commission District 2 | **Bridget Conner, applicant** **GDOT coordination not required**

2. **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract

located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | ** Commission District 2 | **The Revive Land Group, LLC, applicant** **GDOT coordination not required**

3. **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 | **Proposed Use: 4-lot single-family development** | ** Commission District 1 | **James & Amanda Edwards, applicant** **GDOT coordination not required**

*The Planning Commission's decision will be the final action taken unless appealed to the Board of Commissioners. To do so, file an application with the Planning Department within 30 days of the Planning Commission's decision. The Hall County Board of Commissioners will hear appeals at a public hearing Wednesday, May 8, 2024, at 6:00 p.m. at the Hall County Government Center, 2nd Floor Meeting Room, 2875 Browns Bridge Road, Gainesville, Georgia.

**The Planning Commission's recommendation will be forwarded to the Board of Commissioners for final action at a public hearing on Wednesday, May 8, 2024. The Board will meet at 6:00 p.m. at the Hall County Government Center, 2nd Floor Meeting Room, 2875 Browns Bridge Road, Gainesville, Georgia.

Thank you,
Ana Dominguez
Planning Commission Clerk
Hall County Community Development and Infrastructure
(770) 531-6810 | www.hallcounty.org

HALL COUNTY
GEORGIA
We have it all in Hall

Human trafficking impacts every corner of the globe, including our state and local communities. Georgia DOT is committed to end human trafficking in Georgia through education enabling its employees and the public to recognize the signs of human trafficking and how to react in order to help make a change. To learn more about the warning signs of human trafficking, visit https://doas.ga.gov/human-resources-administration/human-trafficking-awareness/trafficking-in-georgia. To report any suspicious activity, call the Georgia Human Trafficking Hotline at 866-363-4842. Let's band together to end human trafficking in Georgia.

HALL COUNTY
GEORGIA

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503

t: 770.531.6800 | f: 770.531.3945

DIRECTOR
Srikanth Yamala

PUBLIC WORKS AND
UTILITIES DIRECTOR
Bill Nash, P.E.

Hall County Government

COMMUNITY DEVELOPMENT AND INFRASTRUCTURE
PUBLIC WORKS AND UTILITIES

MEMORANDUM

To: Randi Doveton, Director of Planning and Development

From: Bill Nash, Director of Public Works and Utilities

Date: February 29, 2024

Subject: April 1, 2024 - Hall County Planning Commission Agenda

Please be advised that our office has reviewed the Hall County Planning Commission agenda for the April 1, 2024 meeting. Upon review, we provide the following comments.

NEW BUSINESS

1. **2615 Pemmican Run | Variance |** 17.240.010. to reduce the front yard setback | on a 1.33± acre tract located on the south side of Pemmican Run, approximately 2,400 feet from its intersection with Bruce Drive | Zoned V-C; Tax Parcel 08004 000001A | **Proposed Use: Single-family residence** | * Commission District 2 | **Bridget Conner, applicant**

   a. **Engineering:** Show FEMA and Hall County studied Flood plains that are present on site
   b. **Traffic:** No comment.
   c. **Utilities**: City of Gainesville Sewer district

2. **3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone |** from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | ** Commission District 2 | **The Revive Land Group, LLC, applicant**

   a. **Engineering:** This site may require a stormwater management report should the site plan indicate the proposed development meets stormwater thresholds for impervious surfaces and/or disturbed acreage.
   Show FEMA and Hall County studied Flood plains that are present on site
   Show stream buffer and impervious setback from wrested vegetation not centerline of stream.
   b. **Traffic:** Roadways must meet Hall County subdivision regulations (code Chapter 16).
   Decel (right turn) lanes are required for both proposed access points per code 16.60.290.
   Mail kiosk must meet post master and Hall County standards.
   c. **Utilities:** City of Gainesville sewer district

3. **6189, 6191, 6193 & 6195 Christy Lane | Rezone |** from Residential I (R-I) to Agricultural Residential III (AR-III) on a combined 17.13± acre tract located on the north side of Christy Lane, approximately 476 feet from its intersection with Spout Springs Road | Zoned R-I; Tax Parcels 15046 000087, 000088, 000089 & 000100 | **Proposed Use: 4-lot single-family development** | ** Commission District 1 | **James & Amanda Edwards, applicant**

   a. **Engineering:** Show stream buffer and impervious setback from wrested vegetation not centerline of stream**.**
      All Stream crossing pipe system to be reviewed by engineering.
   b. **Traffic:** No comment
   c. **Utilities:** Hall County sewer district – No connection within feasible distance.

Anael Dominguez (CDI: Planning)

From: John Hornick (Fire Services)
Sent: Thursday, February 29, 2024 7:45 AM
To: Anael Dominguez (CDI: Planning)
Cc: Randi Doveton (CDI: Planning)
Subject: Fire Comment

Monday, April 1, 2024 Hall County Planning Commission Meeting.

3302 & 3212 Antioch Campground Road and 3446, 3450 & 3456 Looper Lake Road | Rezone | from Agricultural Residential III (AR-III) to Planned Residential Development (PRD) | on a combined 59.31± acre tract located on the south side of Antioch Campground Road at its intersection with Looper Lake Road | Zoned AR-III; Tax Parcels 10096 000006, 000004, 000059, 000061, and 000062 | **Proposed Use: 115-lot single-family development** | ** Commission District 2 | **The Revive Land Group, LLC, applicant**

The Hall County Fire Marshal's Office considers the plan as proposed conceptual in nature and if approved may require modifications during the development review process.

Regards,

John Hornick, NPQ Fire Service Plans Examiner 1
Lieutenant, Hall County Fire Rescue
Hall County Government
Main: 770-531-6838 | Cell: 404-597-0083
Website: www.Hallcounty.org

ZONING NOTICE
AN APPLICATION HAS BEEN FILED WITH HALL COUNTY IN REGARD TO THE ZONING REGULATIONS AS THEY APPLY TO THIS PROPERTY
APPLICANT: THE REVIVE LAND GROUP
REQUEST: REZONE FROM AR III TO PRD FOR A 115 LOT SINGLE FAMILY DEVELOPMENT
PUBLIC HEARINGS WILL BE HELD ON:
PLANNING COMMISSION
Date: APR 01, 2024
Time: 5 15 PM
&
COUNTY COMMISSION
Date: MAY 08, 2024
Time: 6 00 PM
HALL COUNTY GOVERNMENT CENTER, 2875 BROWN BRIDGE ROAD, GAINESVILLE, GA
FOR MORE INFORMATION CALL: (770) 531-6809

ZONING NOTICE
AN APPLICATION HAS BEEN FILED WITH HALL COUNTY IN REGARD TO THE ZONING REGULATIONS AS THEY APPLY TO THIS PROPERTY
APPLICANT: THE REVIVE LAND GROUP
REQUEST: REZONE FROM AR-III TO PRD FOR A 115 LOT SINGLE-FAMILY DEVELOPMENT
PUBLIC HEARINGS WILL BE HELD ON:
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HALL COUNTY GOVERNMENT CENTER, 2875 BROWNS BRIDGE ROAD, GAINESVILLE, GA
FOR MORE INFORMATION CALL: (770) 531-6839

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FOR MORE INFORMATION CALL: (770) 531-6809

ZONING NOTICE
THE REVIVE LAND GROUP
FROM AR-1 TO PRD FOR A 115
LOT SINGLE FAMILY DEVELOPMENT

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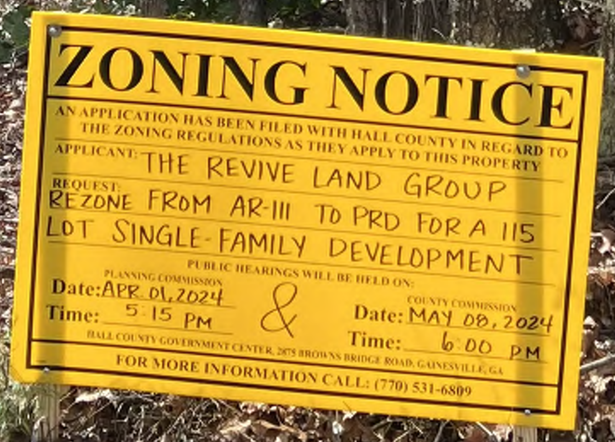
HALL COUNTY GOVERNMENT CENTER - 2875 BROWNS BRIDGE RD. GAINESVILLE, GA
FOR MORE INFORMATION CALL: (770) 531-6529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