

MAYOR Richard E. Roquemore

CITY ADMINISTRATOR
Michael E. Parks

Robert L. Vogel III
Taylor J. Sisk
Jamie L. Bradley
Joshua Rowan

CITY OF AUBURN
MAYOR and CITY COUNCIL
March 27, 2025
6:00 PM
Council Chambers
1 Auburn Way
Auburn, GA 30011

COUNCIL REPORTS AND ANNOUNCEMENTS

NEW BUSINESS

- 1. Appoint a Council Member to RGS Downtown Development Architectural Board
- 2. Rezoning of 100 Lyle Road and 0 Main Street- Sarah McQuade
- 3. Safe Digging Month-Iris Akridge
- 4. 6th Street Dog Park Conceptual Plan- Michael Parks
- 5. College Street Extension- Michael Parks
- 6. Change Order for Water Treatment Plant- Jim Aton

VOTING ITEMS

- 7. Sanitary Sewer Infrastructure Fee Ordinance- Michael Parks
- 8. Planning Fee Schedule Update- Michael Parks

CITIZEN COMMENTS ON AGENDA ITEMS



MAYOR Rick E. Roquemore

CITY ADMINISTRATOR Michael E. Parks CITY COUNCIL Robert L. Vogel III Taylor J. Sisk Jamie L. Bradley Joshua Rowan

AGENDA ITEM: 1

TO: May

Mayor and Council

FROM:

Jack Wilson City Attorney

DATE:

March 27, 2025

PURPOSE: To elect a Council representative to serve on the RGS Development Architectural Review Committee.

BACKGROUND: The Downtown Development Authority has signed an agreement with RGS Development to revitalize the downtown area. Prior to commencing construction an Architectural Review Committee, consisting of three members appointed by RGS, Mayor of Auburn, one City of Auburn council member, the chair of the DDA, and the architect engaged by RGS, which will review and approve the plans for the project.

RECOMMENDATION: To select a council member to serve on the Architectural Review Committee

FUNDING: N/A

ATTACHMENTS: N/A



MAYOR Rick E. Roquemore

CITY ADMINISTRATOR Michael E. Parks

CITY COUNCIL Robert L. Vogel III Taylor J. Sisk Jamie L. Bradley Joshua Rowan

AGENDA ITEM: 2

TO:

Mayor and Council

FROM:

Sarah McQuade

City Planner

DATE:

March 21, 2025

PURPOSE: Planning & Zoning Report

BACKGROUND: At their regularly scheduled meeting on March 19, 2025, the Planning & Zoning Commission made the following recommendations:

OLD BUSINESS:

- RZ-24-0000 the previously tabled application of MBC Developers, LLC c/o
 Andersen Tate & Carr, to rezone 100 Lyle Road (AU11 148) and 0 Main Street
 (AU11 031B), a combined 57.917± acres, from AG Agricultural district to PUD –
 Planned Unit Development district for the purpose of developing the property
 with a 188-lot single-family detached subdivision
 - a. The Planning & Zoning Commission voted to recommend approval of this item with the following conditions:
 - 1. The site shall be developed in conformance with the submitted Letter of Intent and Rezoning Exhibit dated March 14, 2025, adopted as part of this rezoning action. However, alterations necessary to accommodate other conditions specified herein are permitted as determined by the Community Development Director. All other alterations are subject to the standards found in Sec. 17.90.140.K.
 - 2. The Developer shall use a variety of techniques to avoid the monotonous appearance of identical houses. Such techniques may employ among others the use of differing front elevations, architectural styles, building exteriors, colors, setbacks or other similar techniques to provide a more aesthetically pleasing appearance to the subdivision. There shall be no vinyl siding permitted. No two (2) adjacent houses shall have front elevations which are visually the same; this distinction can be accomplished

- through a combination of color, materials, architectural features, and/or building massing.
- 3. Compliance with all City of Auburn Municipal Code unless otherwise provided within the adopted Rezoning Exhibit dated March 14, 2025, and Letter of Intent submitted herein and approved by Mayor & Council, including construction and design of all utilities and infrastructure. Unless explicitly requested in the Letter of Intent and granted relief by Mayor & Council through a formal motion, no variances from these standards are permitted.
- 4. The development shall provide resident amenities in accordance with Sec. 17.90.140.H in addition to the requirements found 16.24.090.
- 5. A mandatory Homeowners Association (HOA) shall be established and shall be responsible for maintenance of all common facilities, open spaces, recreation areas, and street frontage landscaping. The 25-foot planted buffer along the Lyle Road frontage shall be professionally designed by the developer and maintained by the HOA and shall include decorative masonry entrance features. Landscape plans, entrance features, and fencing shall be subject to the review and approval of the Community Development Director.
- 6. Said HOA shall be incorporated which provides for building and grounds maintenance, repair, insurance, and working capital. Said association must also include declarations and by-laws include rules and regulations which shall at a minimum regulate and control the following:
 - a. All grounds, including recreation areas and common areas.
 - b. Stormwater detention infrastructure maintenance.
 - c. Fence, wall, and sign maintenance.
- 7. Along the Lyle Road project frontage, a 25-foot-wide planted buffer shall be provided to screen the rear units from view; the Community Development Director, at their discretion, may permit an encroachment into this buffer to accommodate required improvements. The planted landscape buffer is subject to approval by the Community Development Director to ensure it provides adequate screening of the development.
- 8. Natural vegetation shall remain on the property until the issuance of a development permit.
- 9. Underground utilities shall be provided throughout the development.
- 10. Along the Lyle Road project frontage, sidewalks, with a minimum width of 5 feet, and streetlights shall be installed and constructed in accordance with the sidewalk construction and design standards specified in the code of ordinances.

- 11. The portion of Lyle Road, along the project frontage, shall be upgraded to meet the road construction and design standards outlined in the code of ordinances for substandard streets.
- 12. Construct a 8-foot tall privacy fence along the full extent of the property boundary adjacent to Lyle Hill Farm, LLC.
- 13. The final plat shall include a note providing notice to potential purchasers that they are buying property adjacent to a working farm with sights, sounds, and smells typically associated with agricultural uses.
- 14. All lot sizes shall conform to the minimum requirements of City Code Section 17.90.140(6)(7).
- 15. The amenity area shall include the following features, all of which shall be completed prior to the issuance of Certificates of Occupancy for more than 50% of the units:
 - a. Children's play area greater than 5,000 square feet
 - b. Swimming pool greater than or equal to 1,800 square feet
 - c. Two pickleball courts, regulation size
 - d. Clubhouse greater than or equal to 3,000 square feet in heated area.

OTHER BUSINESS:

- 1. Presentation on Chapter 16.43 Trees and Landscaping
 - a. Rebecca Keefer provided a presentation outlining the permitting and review requirements of Chapter 16.43 Trees and Landscaping.

FUNDING: N/A



COMMUNITY DEVELOPMENT DEPARTMENT

CITY OF AUBURN 1 AUBURN WAY AUBURN, GA 30011 PHONE: 770-963-4002

www.cityofauburn-ga.org

CASE NUMBER: RZ24-000

LOCATION: 100 Lyle Road & 0 Main Street

PARCEL NUMBER: AU11 148 & AU11 031B

ACREAGE: 57.92±

CURRENT ZONING: AG: Agricultural district

REQUEST: Rezone to PUD: Planned Unit Development district

PROPOSED DEVELOPMENT: 172-unit attached and detached single-family housing

development

FUTURE DEVELOPMENT MAP: Single-Family Residential

STAFF RECOMMENDATION: Approval with Staff Conditions

APPLICANT: MBC Developers, LLC c/o Andersen Tate & Carr

1960 Satellite Boulevard

Duluth, GA 30097

CONTACT: Melody Glouton

mglouton@atclawfirm.com

770.822.0900

SUMMARY

NOTE: On March 14, 2025 updated application materials were submitted in relation to this request in response to the amended PUD ordinance adopted by Mayor & Council the prior evening. This report has been updated to reflect the new application materials.

The applicant is requesting to rezone a combined 57.92± acre tract from AG: Agricultural (Sec. 17.90.010) to PUD: Planned Unit Development (Sec. 17.90.140) to construct a 172-unit, single-family development with 120 single-family detached dwellings and 52 front-entry attached (town house) dwellings. The development site, comprised of parcels AU11 148 and AU11 031B, is currently developed with a single-family residence and agricultural buildings. The proposed density of the development is 2.97 dwelling units per acre.

The submitted rezoning exhibit, dated March 14, 2025, shows the site being accessed by two entrances from Lyle Road, with the primary entrance being central to the development and a secondary entrance located east of the primary entrance. The internal street network of the site plan consists of a public street system with a 50-foot right-of-way serving both single-family detached and attached residential units. The streets are all interconnected, with the exception of two dead end street which provide frontage to lots 10

and 11 and lots 35 (partial), 36, and 37. Sec. 16.28.030 provides that dead end streets designed to have one end permanently closed shall provide a cul-de-sac turnaround. No variance from this standard has been included as part of this request.

The proposed development will contain single-family detached houses with minimum heated floor areas (HFA) of 2,000 square feet for single-story units and 2,400 square feet for two-story dwellings. The town houses are located internal to the development with the rear of the units located around a common area. The LOI does not provide the minimum heated floor area for the town house units. The applicant has provided the minimum lot standards as part of the submitted Letter of Intent (LOI), which is summarized below:

	Minimum Building Setback		Typical Lot Size	Minimum Heated	Proposed	
	Front Yard	Side Yard	Rear Yard		Floor Area (HFA)	Quantity
Single-Family Detached	20 feet	5 feet	25 feet	7,000 square feet	2,000 square feet (single-story) 2,400 square feet (two-story)	120
Single-Family Attached	22 feet from front of unit to sidewalk.	NA	Unknown	3,000 square feet	None provided in application materials.	52

<u>NOTE</u>: Where discrepancies exist between the submitted LOI and the provided rezoning exhibit the LOI shall rule.

Sec. 17.90.140.G.5 of the amended PUD: Planned Unit development ordinance provides the minimum dimensional standards for garages. Per this section the total width of garage doors on the front façade of an attached residence shall not exceed fifty-five percent (55%). As part of the LOI the applicant has noted they are requesting a concurrent variance from this standard to permit the garages for the single-family attached (town house) units to be sixty-two percent (62%), 16 feet, of the front façade.

The application includes an architectural overview and renderings for the proposed development. The LOI provides that exterior material appearances of houses will include brick, stacked stone, cedar shake, cementitious shake, and board and batten siding. The provided architectural renderings depict two-story residences with two-car, front-entry garages for both the single-family detached and attached units.

The rezoning concept depicts five-foot sidewalks on both sides of all internal roadways, providing pedestrian connectivity from Lyle Road throughout the development. The application depicts that open space will total 21.75± acres and consist of undisturbed buffering along the northeastern and southwestern development boundaries, and a central common area adjacent to the 52 town house units.

Additional development standards for the proposed residential development are provided below:

Requirement	Proposal	Compliance
Minimum Open Space	21.75± acres (37.6% of development) *	Compliant with Sec. 16.24.090
Resident Amenities	None provided	Deficient from the requirements of Sec. 17.90.140.H
Setbacks (External):		

Front	25 feet (landscaped buffer)	None Required
Rear	N/A (stream buffer)	N/A
Side	50 feet (undisturbed buffer)	Compliant with Sec. 17.90.140.I

No resident amenities are identified in the LOI or on the submitted concept plan. The revised PUD ordinance in Sec. 17.90.140.I requires resident amenities in addition to the minimum open space requirements found in Sec. 16.240.090. The resident amenities are intended to be proportionate to proposed developments size and density and are intended to be programmed an active uses, rather than passive open space. No relief has been requested from this section and the existing concept plan could likely be updated to include these requirements in the central common area.

The application indicates that City of Auburn Public Works will provide water to the site and sewage will be provided by the Barrow County Water & Sewer Authority. To manage stormwater, two management areas will be constructed at opposite ends of the site, totaling 2.25± acres.

LAND USE AND COMPREHENSIVE PLAN ANALYSIS

The submitted rezoning proposal represents a fundamental change to the land use of the development site. Presently, the site is developed with one (1) single-family residence and accessory agricultural structures. The proposal will eliminate agricultural use of the site in place of higher density single-family residences. The site will be used as a residential subdivision and host a resident amenity area.

The development site is situated in a primarily residential vicinity. The table below summarizes the nearby zoning districts and land uses:

Direction	Zoning	Current Land Use	Future Land Use
N	AG: agricultural, R-100: single- family residential, MH: mobile home park	Agriculture, single- family housing, manufactured housing	Single-Family Residential, Agricultural
S	AG: agricultural, R-100: single- family residential	Agriculture, single- family housing.	Single-Family Residential
W	AG: agricultural, R-100: single- family residential	Agriculture, single- family housing, manufactured housing	Single-Family Residential, Agricultural
E	R-100: single-family residential, MH: mobile home park	Single-family housing, manufactured housing	Single-Family Residential

Pursuant to the <u>City of Auburn Comprehensive Plan</u>, 2023-2028, the development site is located within the Single-Family Residential Character Area. This Area is intended for "Conventional residential subdivisions, as well as conservation subdivisions, with supportive recreational amenities and small-scale public/institutional uses. Lot sizes range from 5,000 square feet to several acres. Includes low-impact civic space."

The present land use, very low-density residential and agricultural, does not align with the intent of the Character Area. The proposed PUD generally complies with the intent of this Character Area.

WETLANDS, STREAMS, AND FLOODPLAIN

The development site contains a stream, the buffer of which envelopes much of the land along the northeastern and southeastern property lines. Some of the far eastern portion of the site is within flood zone A, and a smaller portion is designated as flood zone X. The development does not depict any vertical development or impervious installations within the required 75-foot impervious buffer.

DEVELOPMENT REVIEW

The development shall be subject to the regulations described in the <u>Auburn Municipal Code</u>, unless relief has been explicitly granted as part of this application, and apply to and provide guidance for the development of lands within the incorporated areas of the city.

Approval of an erosion control plan from the Georgia Soil and Water Conservation Commission is required prior to land disturbance activity.

Approval of site plans from Barrow County Fire Marshal required.

TRANSPORTATION

The Georgia Department of Transportation (GDOT) does not maintain traffic counts for Lyle Road.

A traffic study was completed for the proposed development by SEI Engineering, Inc. on June 13, 2024. The study was conducted for a 188-unit residential development, congruent with the submitted concept. The study concludes that no improvements to the existing public road network are necessary to accommodate the development proposal, but advises that Main Street / Lyle Road be improved to City standards between its intersections with Autry Road and 6th Avenue.

ZONING ANALYSIS

17.170.030 - Standards governing exercise of the zoning power.

The city council finds that the following standards are relevant in balancing the interest in promoting the public health, safety, morality or general welfare against the right to the unrestricted use of property and shall govern the exercise of the zoning power:

(Language in bold is from the City of Auburn Zoning Ordinance. Bulleted information that is not bolded are factors known to staff that may apply to the Ordinance criteria.)

A. Whether a proposed rezoning will permit a use that is suitable in view of the use and development of adjacent and nearby property;

- Pursuant to the <u>City of Auburn Comprehensive Plan</u>, 2023-2028, the development site is located within the Single-Family Residential Character Area. This Area is intended for "Conventional residential subdivisions, as well as conservation subdivisions, with supportive recreational amenities and small-scale public/institutional uses. Lot sizes range from 5,000 square feet to several acres. Includes low-impact civic space."
- The present land use, very low-density residential and agricultural, does not align with the intent of the Character Area. The proposed PUD generally complies with the intent of this Character Area.

B. Whether a proposed rezoning will adversely affect the existing use or usability of adjacent or nearby property;

 Surrounding uses include existing single-family residential housing to the north, east, and south, agriculture to the west and north, and manufactured housing to the north, east, and west. While the proposed residential subdivision may lead to increased traffic and greater demand for community services, any resulting impact on adjacent or nearby properties is expected to be minimal. These properties will remain usable, and the proposed development is generally compatible with the surrounding area.

C. Whether the property to be affected by a proposed rezoning has a reasonable economic use as currently zoned;

- Yes, the property has a reasonable economic use under its current AG: agriculture zoning. The AG district permits various economically viable uses, including farming, livestock operations, timber production, and low-density residential development. These allowable uses provide the property owner with multiple opportunities for economic return, demonstrating that the property is not without reasonable economic use in its current zoning designation.
- The AG district permits a density of 1 dwelling unit per 2 acres. The Comprehensive Plan has the parcel classified as Single Family Residential, which permits single-family homes at low to moderate densities: Lot sizes range from 5,000 square feet to several acres. It is likely that agricultural zoning district does not represent the highest and best use of the property and rezoning to a more intense residential district, consistent with the future land use map in the Comprehensive Plan, would better align with the goals, objectives, purpose, and intent of the plan.

Whether the proposed rezoning will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, utilities or schools;

 The proposed development will increase demand on public services, including water, sewer, and adjacent public roads. However, this impact is not expected to be excessive or unmanageable.

E. Whether the proposed rezoning is in conformity with the policy and intent of the land use plan; and

Yes, the proposed rezoning is generally in conformity with the policy and intent of the City of Auburn Comprehensive Plan (2023-2028). The development site is located within the Single-Family Residential Character Area, which supports conventional and conservation subdivisions with recreational amenities and low-impact civic spaces. While the current land use consists of very low-density residential and agricultural uses, which do not align with the Character Area's intent, the proposed PUD (Planned Unit Development) is consistent with the plan's vision for residential growth and development in this area.

F. Whether there are other existing or changing conditions affecting the use and development of the property which give supporting grounds for either approval or disapproval of the proposed rezoning.

There are new or changing conditions outside of those anticipated by the Comprehensive Plan
which justify approval or disapproval of the rezoning. As stated above, the existing AG zoning
is likely not the highest and best use of the property. The proposed use of the site as a single
family subdivision with a density of 2.97 dwelling units per acre is consistent with the future
land use categories as it currently classified (Single Family Residential), which suggests lot sizes

ranging from 5,000 square feet to several acres.

17.90.140.D - Minimum Standards and Requirements.

All proposed PUD planned unit development district applications shall conform to the following specific requirements:

(Language in bold is from the City of Auburn Zoning Ordinance. Bulleted information that is not bolded are factors known to staff that may apply to the Ordinance criteria.)

- 1. The maximum density shall not exceed three (3.0) dwelling units per gross acre.
 - The applicant proposes an overall development density of 2.97 dwelling units per acre, which
 does not exceed the maximum allowable density of 3.0 dwelling units per acre pursuant to the
 current Ordinance.
- 2. The site must abut a public street for a distance of at least one hundred feet.
 - The development tract fronts Lyle Road for greater than 100 feet.
- 3. A registered engineer, architect, land surveyor or landscape architect shall prepare the plans required for inclusion in an application. The plans shall have their official registration seal.
 - The development plans have been submitted and sealed by a registered professional.
- 4. Sidewalks shall be required along both sides of all streets within a PUD. The construction standard of the required sidewalks are given in the city development regulations; however, the minimum width of all sidewalk along streets shall be five (5.0) feet.
 - Sidewalks on both sides of all internal roadways, and connecting to the Lyle Road right-ofway, are conceptualized, with widths of five (5) feet.
- 5. The site proposed for a PUD classification must contain an area of not less than ten (10) acres.
 - The development site measures 57.92 ± acres.

VARIANCE ANALYSIS

<u>17.150.060</u> - Variances may be granted in the individual cases of unnecessary hardship upon a finding that:

(Language in bold is from the City of Auburn Zoning Ordinance. Bulleted information that is not bolded are factors known to staff that may apply to the Ordinance criteria.)

- A. There are extraordinary and exceptional conditions pertaining to the particular property in question because of its size, shape or topography,
 - There are not extraordinary or exceptional conditions pertaining to the subject property due
 to its size, shape, or topography which necessitates the request to increase the maximum
 garage door width from 55% to 62% of the single-family attached (town house) units.
- B. The application of this title to this particular piece of property would create an unnecessary hardship,
 - The application of this standard should not create an unnecessary hardship though the applicant would have to revise the floorplans of the proposed town house units.
- C. Said conditions are peculiar to the particular piece of property involved,

 The conditions are not peculiar to the subject property as the applicant has proposed to town house product.

D. Said conditions are not the result of any actions of the property owner, and

- The need for a variance is the result of the floorplan for the town house units proposed by the applicant.
- E. Relief, if granted, would not cause substantial detriment to the public good nor impair the purposes or intent of this title.
- **F.** If granted, the variance would undermine the intent of the zoning ordinance. The maximum garage door width of 55% of the unit width was established to maintain an appropriate streetscape appearance, promote pedestrian-friendly design, and avoid excessive garage dominance on the façade of residential units.

STANDARDS GOVERNING THE EXERCISE OF ZONING

Suitability of Use

The proposed rezoning may permit a use that is suitable. The proposed use of the property for single-family housing aligns with the future land use designation of <u>Single-Family Residential</u>. This designation commands the development of residential subdivisions which include resident amenities on lots no less than 5,000 square feet in area. The smallest typical lot size in the proposed development is 7,500 square feet; meeting the minimum district requirements of the PUD.

Adverse Impacts

Recommended staff conditions could minimize potential impacts of this development on adjacent properties.

Impact on Public Facilities

An increase in traffic, utilities usage, stormwater runoff and the number of school-aged children could be anticipated from this request.

Conformity with Policies

The development may be compatible with the <u>Comprehensive Plan</u>, and the application materials do not identify a specific target population or age group.

Conditions Affecting Zoning

Development may be appropriate with staff recommended conditions.

COMMUNITY DEVELOPMENT DEPARTMENT RECOMMENDATION

Staff recommends <u>approval with conditions</u> of the request to rezone the site from AG: Agricultural to PUD: Planned Unit Development pursuant to the submitted rezoning application materials and rezoning exhibit dated March 14, 2025. Staff recommends the following zoning conditions be enforced upon the site:

The site shall be developed in conformance with the submitted Letter of Intent and Rezoning
Exhibit dated March 14, 2025 adopted as part of this rezoning action. However, alterations
necessary to accommodate other conditions specified herein are permitted as determined by the
Community Development Director. All other alterations are subject to the standards found in Sec.

17.90.140.K.

- 2. The Developer shall use a variety of techniques to avoid the monotonous appearance of identical houses. Such techniques may employ among others the use of differing front elevations, architectural styles, building exteriors, colors, setbacks or other similar techniques to provide a more aesthetically pleasing appearance to the subdivision. There shall be no vinyl siding permitted. No two (2) adjacent houses shall have front elevations which are visually the same; this distinction can be accomplished through a combination of color, materials, architectural features, and/or building massing.
- 3. Compliance with all City of Auburn Municipal Code unless otherwise provided within the adopted Rezoning Exhibit dated March 14, 2025 and Letter of Intent submitted herein and approved by Mayor & Council, including construction and design of all utilities and infrastructure. Unless explicitly requested in the Letter of Intent, and granted relief by Mayor & Council through a formal motion, no variances from these standards are permitted.
- 4. The development shall provide resident amenities in accordance with Sec. 17,90.140.H in addition to the requirements found 16.24.090.
- 5. A mandatory Homeowners Association (HOA) shall be established and shall be responsible for maintenance of all common facilities, open spaces, recreation areas, and street frontage landscaping. The 25 foot planted buffer along the Lyle Road frontage shall be professionally designed by the developer and maintained by the HOA and shall include decorative masonry entrance features. Landscape plans, entrance features, and fencing shall be subject to the review and approval of the Community Development Director.
- 6. Said HOA shall be incorporated which provides for building and grounds maintenance, repair, insurance, and working capital. Said association must also include declarations and by-laws includes rules and regulations which shall at a minimum regulate and control the following:
 - a. All grounds, including recreation areas and common areas.
 - b. Stormwater detention infrastructure maintenance.
 - c. Fence, wall, and sign maintenance.
- 7. Along the Lyle Road project frontage, a 25-foot-wide planted buffer shall be provided to screen the rear units from view; the Community Development Director, at their discretion, may permit an encroachment into this buffer to accommodate required improvements. The planted landscape buffer is subject to approval by the Community Development Director to ensure it provides adequate screening of the development.
- 8. Natural vegetation shall remain on the property until the issuance of a development permit.
- 9. Underground utilities shall be provided throughout the development.
- 10. Along the Lyle Road project frontage, sidewalks, with a minimum width of 5 feet, and streetlights shall be installed and constructed in accordance with the sidewalk construction and design standards specified in the code of ordinances.
- 11. The portion of Lyle Road, along the project frontage, shall be upgraded to meet the road construction and design standards outlined in the code of ordinances for substandard streets.

Staff recommends denial of the concurrent variance request to increase the maximum garage door width

from 55% to 62% of the single-family attached (town house) units given that no physical hardship has been demonstrated and granting the variance would undermine the intent of the zoning ordinance. The maximum garage door width of 55% of the unit width was established to maintain an appropriate streetscape appearance, promote pedestrian-friendly design, and avoid excessive garage dominance on the façade of residential units.

ANNEXATION & REZONING APPLICATION AN APPLICATION TO AMEND THE OFFICIAL ZONING MAP FOR THE CITY OF AUBURN, GA.

APPLICANT INFORMATION	PROPERTY OWNER INFORMATION
NAME: MBC Developers, LLC c/o Andersen Tate & Carr	NAME: Donna J. Evans
ADDRESS: S-4000	ADDRESS: 100 Lyle Road
CITY: Duluth	CITY: Auburn
STATE: GA ZIP: 30097	STATE: GA ZIP: 30011
PHONE: 770-822-0900	PHONE:
EMAIL: mglouton@atclawfirm.com	EMAIL:
CONTACT PERSON: Melody A. Glouton	PHONE: 770-822-0900
EMAIL: mglouton@atclawfirm.com	

APPLICANT IS:	☐ OWNER'S AGENT	☐ PROPERTY OW	WNER CXCONTRACT PURCHASER	
PRESENT ZONIN	G DISTRICT(S): AG	REQUEST	FED ZONING DISTRICT: PUD	
PARCEL NUMBER(S): AU11 148 & AU11 031B		31B	ACREAGE: 57.917	
ADDRESS OF PRO	PERTY: 100 Lyle Road, /	Auburn, GA		
PROPOSED DEVE	LOPMENT: Single Fam	ily Detached and Attac	ched Dwellings	

RESIDENTIAL DEVELOPMENT	NON-RESIDENTIAL DEVELOPMENT	
NO. OF LOTS/DWELLING UNITS: 172	NO. OF BUILDINGS/LOTS:	
DWELLING UNIT SIZE (SQ.FT.): Per zoning Ordinance	TOTAL BUILDING SQ.FT.:	
GROSS DENSITY: 2.97 upa	DENSITY:	
NET DENSITY: 2.98 upa		

^{*}PLEASE ATTACHED A LETTER OF INTENT EXPLAINING PROPOSED DEVELOPMENT*

REZONING APPLICANT'S CERTIFICATION

THE UNDERSIGNED BELOW IS AUTHORIZED TO MAKE THIS APPLICATION. THE UNDERSIGNED IS AWARE THAT NO APPLICATION OR REAPPLICATION AFFECTING THE SAME LAND SHALL BE ACTED UPON WITHIN 12 MONTHS FROM THE DATE OF LAST ACTION BY THE CITY COUNCIL UNLESS WAIVED BY THE CITY COUNCIL. IN NO CASE SHALL AN APPLICATION OR REAPPLICATION BE ACTED UPON IN LESS THAN SIX (6) MONTHS FROM THE DATE OF LAST ACTION BY THE CITY COUNCIL.

Melody X. Alouton SIGNATURE OF APPLICANT	3/ DATE	14/25
Melody A. Glouton, Attorney for Applicant		
PRINT NAME AND TITLE		
Desan	3/14/25	WILSON NOTA
SIGNATURE OF NOTARY PUBLIC	DATE	NOTARY SEAL OF SON GOUS

REZONING PROPERTY OWNER'S CERTIFICATION

THE UNDERSIGNED BELOW, OR AS ATTACHED, IS THE OWNER OF THE PROPERTY CONSIDERED IN THIS APPLICATION. THE UNDERSIGNED IS AWARE THAT NO APPLICATION OR REAPPLICATION AFFECTING THE SAME LAND SHALL BE ACTED UPON WITHIN 12 MONTHS FROM THE DATE OF LAST ACTION BY THE CITY COUNCIL UNLESS WAIVED BY THE CITY COUNCIL. IN NO CASE SHALL AN APPLICATION OR REAPPLICATION BE ACTED UPON IN LESS THAN SIX (6) MONTHS FROM THE DATE OF LAST ACTION BY THE CITY COUNCIL.

Donna J. Evans

PRINT NAME AND TITLE

SIGNATURE OF PROPERTY OWNER

Donna J. Evans

PRINT NAME AND TITLE

Jennifer E. Mosher
NOTARY PUBLIC
Berrow County, Georgia
My Commission Express Junea 200

SIGNATURE OF NOTARY PUBLIC

8.27.2024

DATE

NOTARY SEAL

CONFLICT OF INTEREST CERTIFICATION FOR REZONING

THE UNDERSIGNED BELOW, MAKING APPLICATION FOR A REZONING, HAS COMPLIED WITH THE OFFICIAL CODE OF GEORGIA SECTION 36-67A-1, ET. SEQ, CONFLICT OF INTEREST IN ZONING ACTIONS, AND HAS SUBMITTED OR ATTACHED THE REQUIRED INFORMATION ON THE FORMS PROVIDED.

FORMS PROVIDED.	OR ATTACHED THE REQUIRED	INFORMATION ON THE
SIGNATURE OF PROPERTY OWNER	ns 8-	27-2024
Donna J. Eva	NS	
PRINT NAME AND TITLE		Jenniter E. Mosher NOTARY PUBLIC
Les E. Melan	8-27-2024	My Commission Expires June 2 20
SIGNATURE OF NOTARY PUBLIC	DATE	NOTARY SEAL
DISCLOSURE OF	CAMPAIGN CONTRIBUTIONS	3
HAVE YOU, WITHIN THE TWO YEARS IMM APPLICATION, MADE CAMPAIGN CONTR MEMBER OF THE CITY COUNCIL OR A ME	IBUTIONS AGGREGATING \$250	.00 OR MORE TO A
☐ YES ☐ NO Donna J. Evans		
V	OUD NAME	

IF THE ANSWER IF YES, PLEASE COMPLETE THE FOLLOWING SECTION:

NAME AND POSITION OF GOVERNMENT OFFICIAL	CONTRIBUTIONS (LIST ALL WHICH AGGREGATE TO \$250 OR MORE)	DATE CONTRIBUTION WAS MADE (WITHIN LAST TWO YEARS)

ATTACHED ADDITIONAL SHEETS IF NECESSARY, TO DISCLOSE OR DESCRIBE ALL CONTRIBUTIONS.

LEGAL DESCRIPTION

All that tract or parcel of land lying and being in G.M.D. 1740, City of Auburn, Barrow County, Georgia and being more particularly described as follows:

Beginning at the intersection of the centerline of Lyle Road (a.k.a. Main Street) and the centerline of Third Street; THENCE continuing 492.66 feet along said centerline of Lyle Road in a southwesterly direction to a point; THENCE South 29 degrees 53 minutes 18 seconds East 20.00 feet to a point located on the southeasterly right-of-way of Lyle Road, said point being THE TRUE POINT OF BEGINNING;

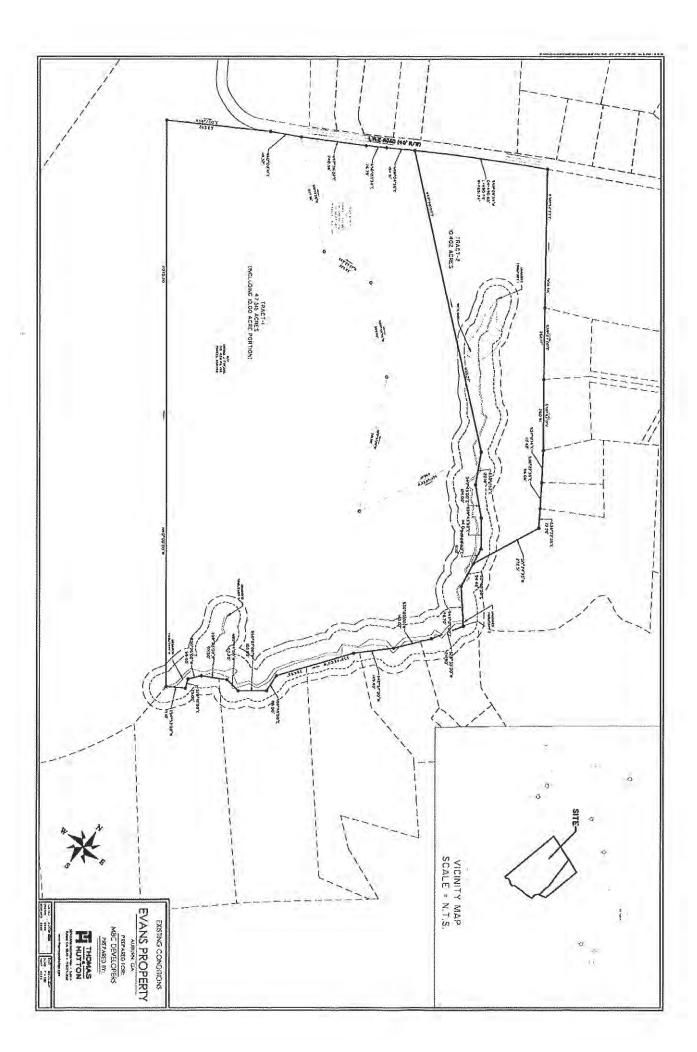
THENCE South 38 degrees 54 minutes 23 seconds East for a distance of 506.56 feet to a point;

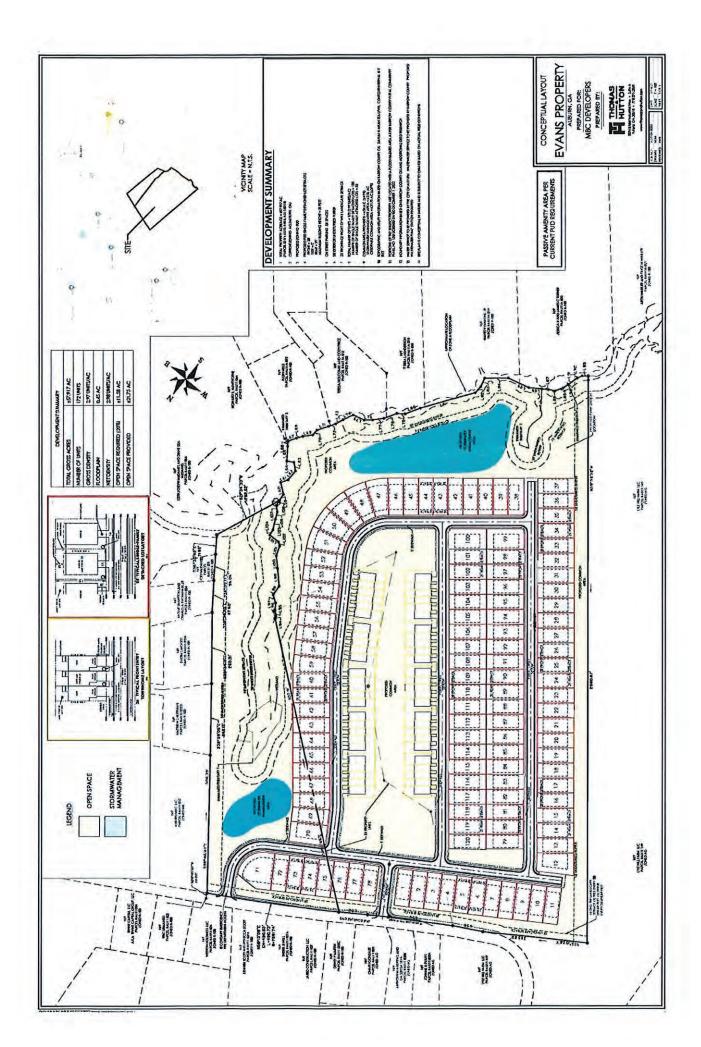
THENCE South 39 degrees 07 minutes 00 seconds East for a distance of 262.17 feet to a point; THENCE South 39 degrees 42 minutes 12 seconds East for a distance of 260.91 feet to a point; THENCE South 37 degrees 12 minutes 14 seconds East for a distance of 117.42 feet to a point; THENCE South 36 degrees 22 minutes 35 seconds East for a distance of 96.06 feet to a point; THENCE South 36 degrees 22 minutes 35 seconds East for a distance of 72.20 feet to a point; THENCE South 21 degrees 24 minutes 35 seconds West for a distance of 272.51 feet to a point located in the centerline of a creek; THENCE continuing along said centerline of creek the following 13 calls: THENCE South 12 degrees 08 minutes 00 seconds East for a distance of 94.40 feet to a point; THENCE South 43 degrees 07 minutes 00 seconds East for a distance of 146,70 feet to a point; THENCE South 28 degrees 33 minutes 00 seconds West for a distance of 124.90 feet to a point; THENCE South 36 degrees 05 minutes 00 seconds West for a distance of 143.07 feet to a point; THENCE South 42 degrees 57 minutes 00 seconds West for a distance of 149.40 feet to a point; THENCE South 33 degrees 46 minutes 00 seconds West for a distance of 294.96 feet to a point; THENCE South 6 degrees 53 minutes 00 seconds East for a distance of 66.00 feet to a point; THENCE South 50 degrees 2 minutes 00 seconds West for a distance of 103.80 feet to a point; THENCE North 85 degrees 44 minutes 00 seconds West for a distance of 57.70 feet to a point; THENCE South 58 degrees 33 minutes 00 seconds West for a distance of 97.50 feet to a point; THENCE South 36 degrees 26 minutes 00 seconds West for a distance of 50.00 feet to a point; THENCE South 23 degrees 10 minutes 00 seconds East for a distance of 35.00 feet to a point; THENCE South 54 degrees 53 minutes 00 seconds West for a distance of 71.10 feet to a point; THENCE North 40 degrees 00 minutes 00 seconds West for a distance of 2075.30 feet leaving said creek to a point;

THENCE North 56 degrees 11 minutes 00 seconds East for a distance of 385.80 feet to a point located on the southeasterly right-of-way of Lyle Road;

THENCE North 60 degrees 03 minutes 41 seconds East for a distance of 114.32 feet to a point; THENCE North 57 degrees 36 minutes 02 seconds East for a distance of 240.38 feet to a point; THENCE North 56 degrees 03 minutes 34 seconds East for a distance of 76.79 feet to a point; THENCE North 55 degrees 04 minutes 36 seconds East for a distance of 104.51 feet to a point; THENCE along an arc of cure to the left for an arc length of 490.73 feet having a radius of 7,691.74 feet and being subtended by a chord bearing North 58 degrees 05 minutes 33 seconds East for a distance of 490.65 feet to a point, said point being THE TRUE POINT OF BEGINNING.

The above-described tract contains an area of 57.917 acres.





ANDERSEN TATE CARR

March 14, 2025

LETTER OF INTENT AND JUSTIFICATION FOR REZONING

Rezoning Application City of Auburn Barrow County, Georgia

Applicant: MBC Developers, LLC

Rezoning Tract:
Tax Parcel IDs AU11 031B and AU11 148
±57.917 Acres of Land

Located at 100 Lyle Road, Auburn, Georgia From AG to PUD

Submitted for Applicant by:
Melody A. Glouton, Esq.
ANDERSEN TATE & CARR, P.C.
One Sugarloaf Centre
1960 Satellite Blvd.
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Duluth, Georgia 30097
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mglouton@atclawfirm.com

I. INTRODUCTION

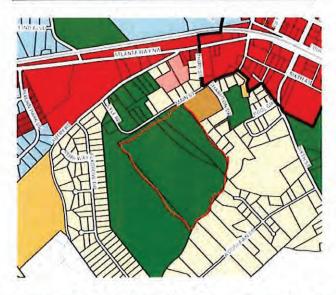
This Application for Rezoning is submitted for a 57.917-acre parcel of land located at 100 Lyle Road, just south of its intersection of Autry Road (hereinafter the "Property"). The Property is an assemblage of two tax parcels, with frontage on Lyle Road. The Property is currently zoned AG (Agricultural District) pursuant to the City of Auburn Zoning Ordinance (the "Zoning Ordinance"). The Applicant, MBC Developers, LLC (the "Applicant") now seeks approval to rezone the Property to PUD (Planned Unit Development District) in order to develop a distinctive and attractive development with single-family detached and attached homes.

This document is submitted as the Letter of Intent, Impact Analysis Statement, and other materials required by the Zoning Ordinance.

II. DESCRIPTION OF THE PROPERTY AND SURROUNDING AREA

The Property is a large tract fronting Lyle Road. It contains a personal residence and several accessory structures. The Property is mostly wooded and slopes southward toward a creek with floodplain. The surrounding zoning classifications and uses are as follows:

Location	Zoning	
Proposed Site	PUD	
North	AG and R-100	
East	MH and R-100	
South	R-100	
West	AG	



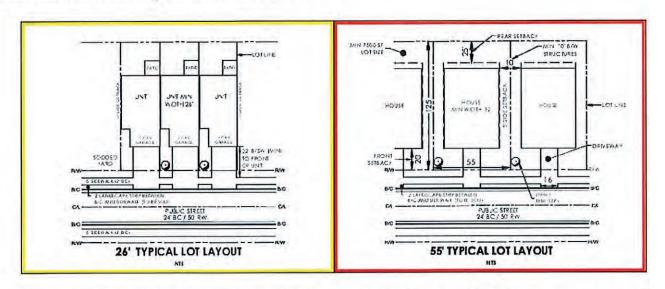
The Applicant is requesting the City of Auburn rezone the Property to allow for a planned unit development. The site is surrounded by other residential uses to include primarily R-100 zoning classifications.

As such, the Property is ideal for development as a residential community and will allow for the development of more housing.

As stated in the City of Auburn's 2018 Comprehensive Plan (the "Comprehensive Plan"), the Future Land Use Map identifies this area as single-family residential. The rezoning and development of the Property, as intended by the Applicant, will enhance the surrounding and existing area. Specifically, the proposed development of a planned unit development will provide additional housing options for residents.

III. PROJECT SUMMARY

As shown on the site plan prepared by Thomas & Hutton, dated March 14, 2025, and filed with this Application (hereinafter the "Site Plan"), the Applicant is proposing to rezone 57.917 acres from AG to PUD to accommodate the development of a planned unit development with 172 units. The Applicant proposes to develop the Property in compliance with the PUD zoning classification to allow for a more unique and creative community. As shown on the site plan, the development would consist of 120 single-family detached dwellings (on 7,500 square foot lots), and 52 front-entry attached (townhome) dwellings (on 3,000 square foot lots). The minimum heated floor area for single-family detached residences will be 2,000 square feet for single-story dwellings, and 2,400 square feet for two-story dwellings. Pursuant to the ordinance, all residences would include a porch, deck, or patio measuring no less than 36 square feet in area. The development will also maintain the required 50-foot buffer along all abutting R-100 zoning districts. As referenced on the Site Plan, the typical lot layout for each type of housing unit is identified below:



The proposed development will consist of single-family detached and attached dwellings at a size, quality, and price point commensurate with or exceeding homes in the surrounding communities. Generally, the architectural style and composition of the exterior of the homes would consist of brick, stacked stone, cedar and/or cementitious shake, siding board, and batten or combinations thereof. The Applicant has included sample renderings with this submittal. The proposed development would be served by a primary full-access entrance and a secondary entrance for emergency vehicles as required by Barrow County Fire Marshall along Lyle Road, which

3

¹ To the extent necessary, the Applicant is seeking a concurrent variance from Section 17.90.140(G)(5)(c). The ordinance provides that "the total width of garage doors on the front façade of an attached residence shall not exceed fifty-five percent (55%)." However, the development of an attached dwelling on a 26-foot wide lot, with 16-foot garage doors, will result in approximately 62% coverage of the front façade.

would be landscaped and maintained by a Homeowners' Association. The proposed development would be serviced by Barrow County Water & Sewer Authority (sewer) and the City of Auburn Public Works (water).

The Applicant further submits that several community benefits would result in the property being developed under the City's PUD zoning classification. For example, the proposed development would increase the supply of housing in the area, which is currently in high demand. By providing more homes, the development can help alleviate the shortage of single-family detached housing and provide citizens with additional housing options. In summary, the requested zoning of PUD for development of a neighborhood is consistent with the Comprehensive Plan.

PUD - Planned Unit Development District

Pursuant to Section 17.90.140, the intent and purpose of a PUD zoning is to foster innovative developments that provide an innovative mix of residential land uses and development patterns which complement the existing fabric of Auburn. In addition, planned unit development may allow more flexible placement, arrangement and orientation of residential structures, active open spaces, and resident-focused amenities. The proposed development would provide attractive, high-end personal residences. Approximately 24 acres of the overall site will be preserved as open space, with the majority being used as amenity areas for the community.

IV. SITE IMPACT ANALYSIS

Pursuant to the Zoning Resolution, the Applicant submits its written responses to the impact analysis which shows that rezoning to PUD satisfies the "Standards Governing Exercise of the Zoning Power," as follows:

- A) Whether a proposed rezoning will permit a use that is suitable in view of the use and development of adjacent and nearby property:
 - Yes. The proposed rezoning is consistent and suitable with the existing use and development of adjacent and nearby properties. The Property maintains frontage on Lyle Road. The proposed residential development is compatible with existing residential uses and will further diversify housing options in the surrounding area.
- B) Whether a proposed rezoning will adversely affect the existing use or useability of adjacent or nearby property:
 - No, approval of the proposed rezoning will not adversely affect the existing use or usability of adjacent or nearby properties. The proposed development is compatible with the Comprehensive Plan and complimentary to adjacent and nearby uses.
- C) Whether the property to be affected by a proposed rezoning has reasonable economic use as currently zoned:
 The Applicant submits that due to the size, location, layout, topography, and natural features of the Subject Property, it does not have reasonable economic use as currently zoned.
- D) Whether the proposed rezoning will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, utilities, or schools:

No, approval of the proposed rezoning will not result in an excessive or burdensome use of the existing infrastructure systems. The Property has direct access to Lyle Road and is in close proximity to Atlanta Highway. Appropriate zoning conditions and site development requirements can mitigate any potential impacts on public facilities such as traffic, utility demand, stormwater, and schools.

E) Whether the proposed rezoning is in conformity with the policy and intent of the Land Use Plan:

Yes, the proposed Rezoning Application conforms with the policy and intent of the Comprehensive Plan and Future Land Use Map. The Subject Property is identified as single-family residential on the future land use map.

F) Whether there are other existing or changing conditions affecting the use and development of the property which give supporting grounds for either the approval or disapproval of the zoning proposal:

Yes. The proposed Rezoning achieves a goal of the Comprehensive Plan by proposing a development and site layout that serves as an opportunity to provide additional housing.

V. JUSTIFICATION FOR REZONING

The Applicant respectfully submits that "City of Auburn Zoning Ordinance" (the "Zoning Ordinance"), as amended from time to time, to the extent that it classifies the Property in any zoning district that would preclude development of a planned unit development with single-family detached and attached dwellings, under the PUD zoning classification, is unconstitutional as a taking of property, a denial of equal protection, an arbitrary and capricious act, and an unlawful delegation of authority under the specific constitutional provisions later set forth herein. Any existing inconsistent zoning of the Property pursuant to the Zoning Resolution deprives the Applicant and Property owner of any alternative reasonable use and development of the Property. Additionally, all other zoning classifications, including ones intervening between the existing classification and that requested herein, would deprive the Applicant and Property owner of any reasonable use and development of the Property. Further, any attempt by the Mayor and Council of the City of Auburn to impose greater restrictions upon the manner in which the Property will be developed than presently exist would be equally unlawful.

Accordingly, Applicant submits that the current zoning classification and any other zoning of the Property save for what has been requested as established in the Zoning Resolution constitute an arbitrary and unreasonable use of the zoning and police powers because they bear no substantial relationship to the public health, safety, morality or general welfare of the public and substantially harm the Applicant and Property owner. All inconsistent zoning classifications between the existing zoning and the zoning requested hereunder would constitute and arbitrary and unreasonable use of the zoning and police powers because they bear or would bear no substantial relationship to the public health, safety, morality, or general welfare of the public and would substantially harm the Applicant and Property owner. Further, the existing inconsistent zoning classification constitutes, and all zoning and plan classifications intervening between the existing inconsistent zoning classification and that required to develop this Project would constitute, a taking of the owner's private property without just compensation and without due process in violation of the Fifth Amendment and Fourteenth Amendment of the Constitution of the United States, and Article I, Section II, Paragraph I of the Constitution of the State of Georgia and the Due Process and Equal Protection Clauses of the Fourteenth Amendment to the Constitution of the United States.

Further, the Applicant respectfully submits that failure to approve the requested rezoning change would be unconstitutional and would discriminate in an arbitrary, capricious and unreasonable manner between the Applicant and Property owner and owners of similarly situated property in violation of Article I, Section III, Paragraph I of the Constitution of the State of Georgia and the Equal Protection Clause of the Fourteenth Amendment of the Constitution of the United States.

Finally, the Applicant respectfully submits that the Mayor and Council of the City of Auburn cannot lawfully impose more restrictive standards upon the development of the Property than presently exist, as to do so not only would constitute a taking of the Property as set forth above, but also would amount to an unlawful delegation of their authority, in response to neighborhood opposition, in violation of Article IX, Section IV, Paragraph II of the Georgia Constitution.

This Application meets favorably with the prescribed test set out by the Georgia Supreme Court to be used in establishing the constitutional balance between private property rights and zoning and planning as an expression of the government's police power. See Guhl v. Holcomb Bridge Road Corp., 238 Ga. 322 (1977).

VII. CONCLUSION

For the foregoing reasons, the Applicant respectfully requests that this Application to Rezone from AG to PUD for the development of a single-family community with detached and attached dwellings be approved. The Applicant welcomes the opportunity to meet with the City of Auburn Planning Department staff to answer any questions or to address any concerns relating to this Letter of Intent or supporting materials.

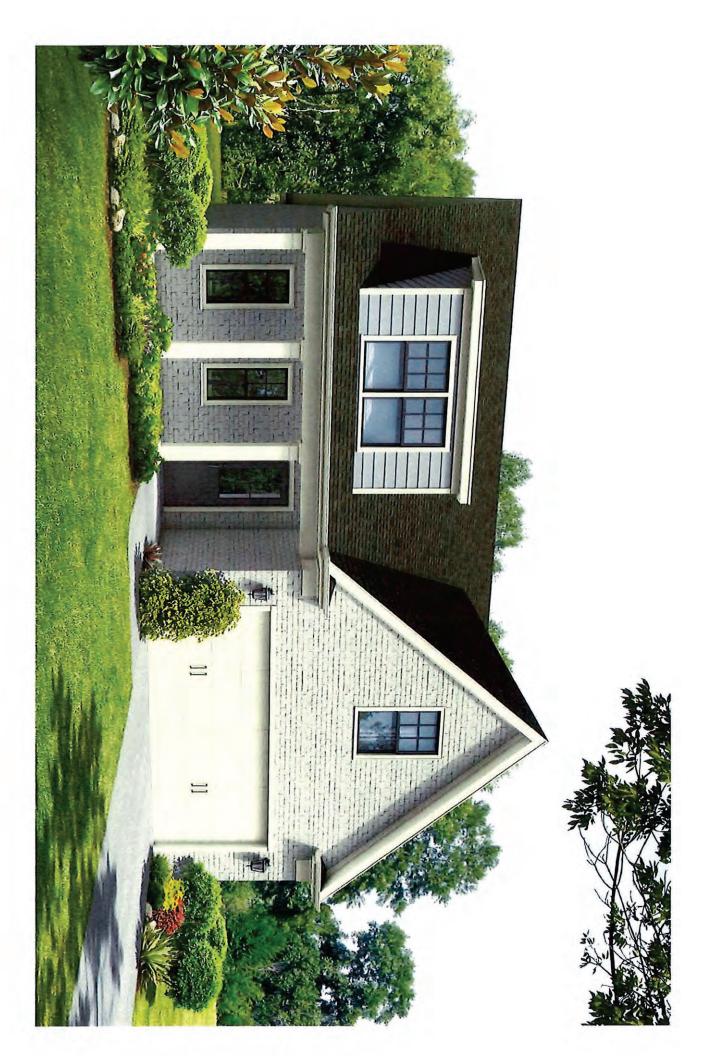
Respectfully submitted this 14th day of March, 2025.

ANDERSEN, TATE & CARR, P.C.

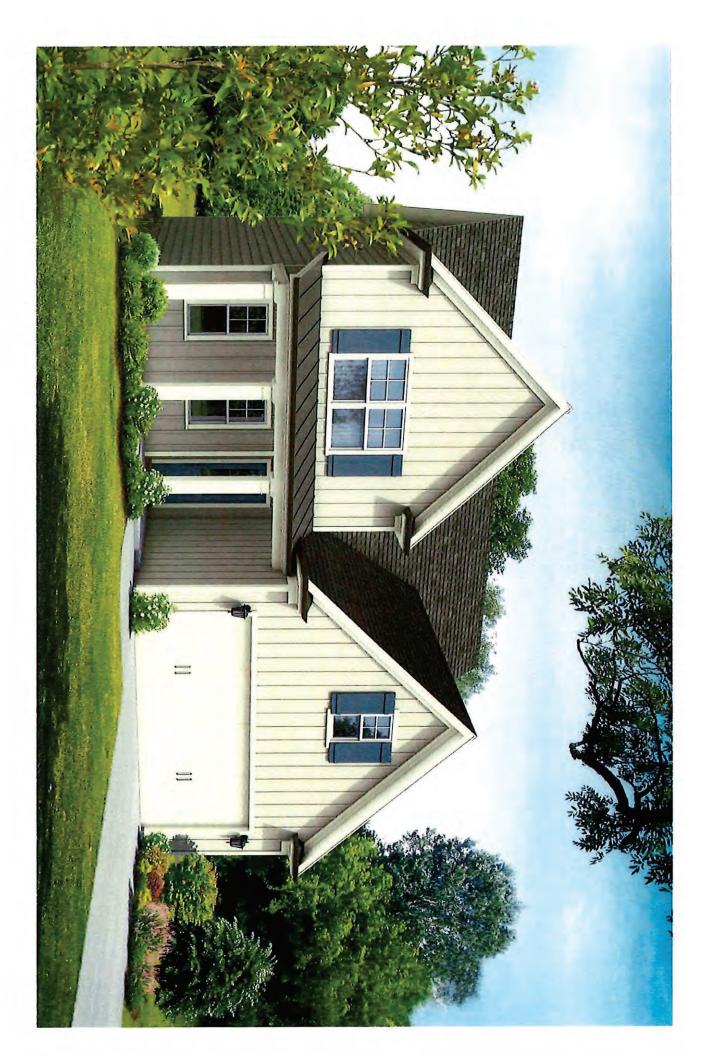
Melody A. Glouton

Melody A. Glouton, Esq.

Enclosures MAG/dwb

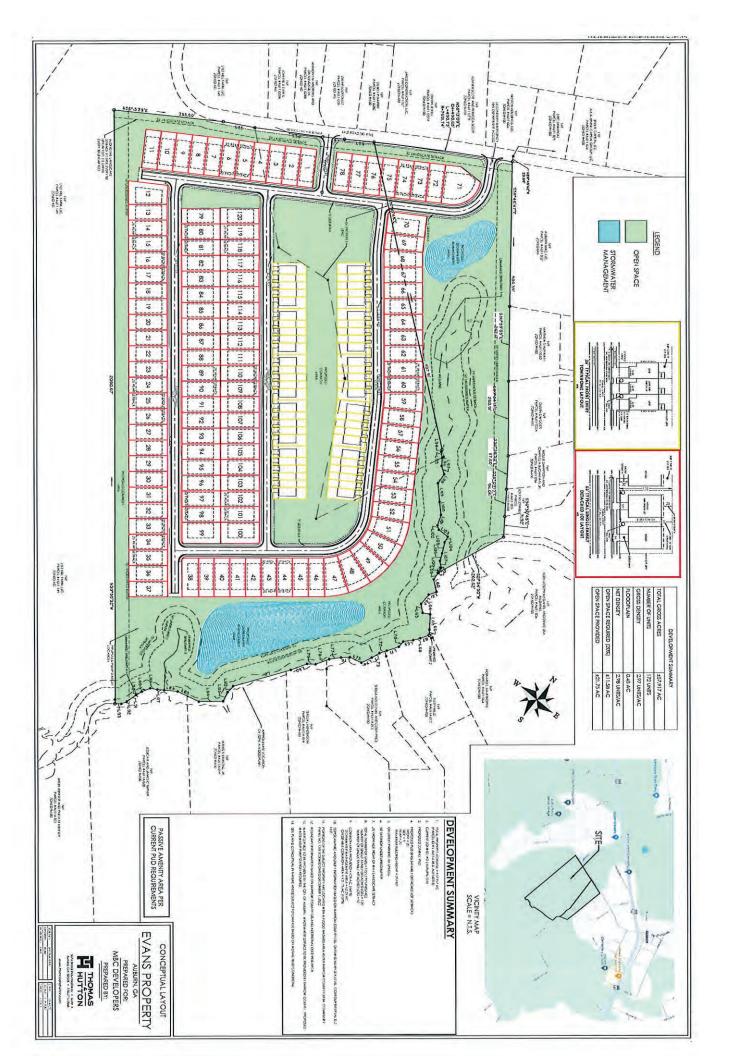












Traffic Impact Study

Proposed Main Street / Lyle Road Residential Subdivision City of Auburn, Georgia

June 13, 2024



in collaboration with



Traffic Impact Study

Proposed Main Street / Lyle Road Residential Subdivision City of Auburn, Georgia

prepared for:

MBC Developers 5072 Bristol Industrial Way, Suite A Buford, Georgia 30518

June 13, 2024



2470 Sandy Plains Road, Suite C Marietta, Georgia 30066 (770) 321-3936 info@sei.site

in collaboration with



ACAMPORA TRAFFIC, LLC

858 Myrtle Street, NE Atlanta, Georgia 30308 (678) 637-1763

e-mail: acamporatraffic@comcast.net

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Introduction

This study assesses the traffic impact of a proposed residential subdivision in the City of Auburn, Georgia. The site is located along the south side of Main Street between Autry Road and 3rd Street, as shown in Figure 1. The development will consist of 144 detached single-family homes and 44 attached townhomes which will be served by one full-movement access on Main Street. A secondary, emergency vehicle access will also be provided on Main Street.

The purpose of this traffic impact study is to determine existing traffic operating conditions in the vicinity of the proposed development, project future traffic volumes, assess the impact of the subject development, then develop conclusions and recommendations to mitigate the project traffic impact and ensure safe and efficient existing and future traffic conditions in the vicinity of the project.



Figure 1 – Site Location Map



Existing Traffic Conditions

Existing traffic operating conditions in the vicinity of the proposed development were assessed. The following is a description of existing transportation facilities, traffic volumes, and intersection operations.

Description of Existing Roadways

Main Street / Lyle Road is a two lane local street that begins to the northwest of the subject site at an all way stop sign controlled intersection at Autry Road (the fourth leg is the rear access to the Ingles retail center). From that intersection Lyle Road bends to the east, changes name to Main Street, passes the subject site, then bends back to the north, intersects 6th Avenue at an all-way stop sign controlled intersection, then a signalized intersection at Atlanta Highway (US 29 Business) (north of the intersection Main Street changes name to Mt Moriah Road). The terrain along Main Street / Lyle Road is level to gently rolling and the posted speed limit is 25 mph. The road is narrow with a rural cross-section with no sidewalks, shoulder, or curb-and-gutter and the pavement is in poor condition.

Pedestrian, Bicycle, and Transit Accessibility

There are no sidewalks along Main Street or Lyle Road or other local roadways. There is a sidewalk along the south side of US 29 Business and there are crosswalks and pedestrian signals on all approaches at the intersection of US 29 Business at Main Street. There are no dedicated bicycle lanes in this vicinity. There is no regularly scheduled mass transit within a reasonable walking distance of the proposed subdivision.

Existing Traffic Volumes

Existing full turning movement peak hour traffic volume counts were collected at the following intersections in the vicinity of the site:

- Autry Road at Lyle Road / Ingles Access (all way stop)
- 2. Main Street at 6th Avenue / Bank Access (all way stop)
- 3. Atlanta Highway (US 29 Business) at Main Street / Mt Moriah Road (signal)

Figure 2 shows the locations of the counted intersections.





Figure 2 - Traffic Volume Count Location Map

The intersection counts were collected on Tuesday, June 4, 2024 from 7:00 a.m. to 9:00 a.m. and from 4:00 p.m. to 6:00 p.m. From the intersection turning movement count data, the highest four consecutive 15-minute interval volumes at each intersection, during each time period, were determined. The counts were collected during summer recess in area schools, which could affect typical volumes and travel patterns. The Georgia DOT provides recommended adjustment factors by month in their publication *Georgia's Traffic Monitoring Guide*, 2018. Table 7: Factor Groups, in that document, assigns a Factor Group of 4 to the area roadways, based on the description "urban/small urban major collectors, minor collectors, and locals". Table 4 in that document recommends a monthly adjustment factor 1.00 for June, which would not change the counted volumes. These existing counts are shown in Figure 3. The raw count data is found in Appendix A.



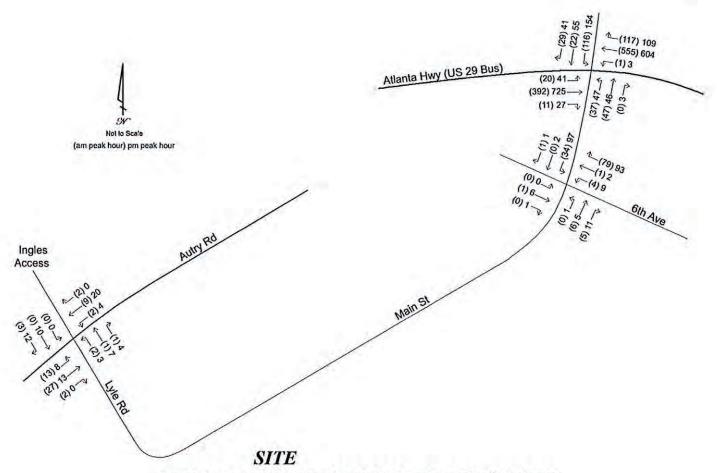


Figure 3 – Existing Weekday A.M. and P.M. Peak Hour Traffic Volumes

Existing Intersection Operations

Existing traffic operations were analyzed at the counted intersections using Synchro software, version 12, in accordance with the methodology presented in the Transportation Research Board's 2022 *Highway Capacity Manual* 7th Edition (*HCM* 7). This methodology is presented in Appendix B. The analysis was based on the existing volumes, lanes, and control. The results of the analysis are shown in Table 1. Computer printouts containing detailed results of the existing analysis are located in Appendix C. Levels of service and delays are provided for each overall intersection and for each controlled approach or movement. Locations that operate unacceptably (LOS E or LOS F) are presented in bold type.

Table 1 - Existing Intersection Operations

	A.M. Po	eak Hour	P.M. Pe	eak Hour
Intersection / Approach	LOS	Delay (s/veh)	LOS	Delay (s/veh)
Autry Road at Lyle Road / Ingles Access (all-way stop)	Α	7.2	Α	7.2
northbound approach (Lyle Rd)	Α	7.1	Α	7.1
southbound approach (Ingles access)	Α	6.5	Α	6.9
eastbound approach (Autry Rd)	Α	7.3	Α	7.3
westbound approach (Autry Rd)	Α	7.0	Α	7.3
2. Main Street at 6 th Avenue / Bank Access (all-way stop)	Α	7.2	Α	7.7
northbound approach (Main St)	Α	7.0	Α	7.1
southbound approach (Main St)	Α	7.6	Α	8.2
eastbound approach (bank access)	Α	7.2	Α	7.4
westbound approach (6 th Ave)	Α	7.0	Α	7.4
3. US 29 Business at Main Street / Mt Moriah Road (signal)	C	20.8	С	26.3
northbound approach (Main St)	В	16.7	С	20.5
southbound approach (Main St)	В	18.6	C	25.6
eastbound approach (US 29 Bus)	В	11.5	С	23.3
westbound approach (US 29 Bus)	С	27.5	С	30.8

The existing analysis reveals acceptable traffic operations at all study locations. Therefore, no mitigation is identified at any study intersection for the existing condition.



No-Build Traffic Conditions

A 2029 no-build condition was developed. This represents the traffic conditions that will exist in the future at the anticipated date of the build-out of the subdivision, but not including the project's trips. The purpose of the analysis of this condition is to isolate the traffic impacts of the proposed development from background growth in volumes that is expected to occur in the area while the project is under construction.

In order to develop no-build volumes, a background growth factor was developed based on a review of historic Georgia DOT AADT traffic counts, as shown in Table 2.

Year	Atlanta Hwy E of Main	Annual Growth	Atlanta Hwy E of 6th St	Annual Growth	Carl Midway Church E of Kilcrease	Annual Growth
Station ID	013-0	007	013-0	009	013-7	006
2018	18,000		15,600		1,920	
2019	18,800	4.4%	15,800	1.3%	1,960	2.1%
2020	17,300	-8.0%	17,900	13.3%	1,820	-7.1%
2021	19,100	10.4%	19,400	8.4%	1,930	6.0%
2022	19,500	2.1%	16,300	-16.0%	2,090	8.3%
avg growth		1.6%		0.9%		1.7%

Table 2 - Historic Georgia DOT Traffic Volume Counts and Annual Growth Rates

Growth in the area has fluctuated. Two of the three Georgia DOT count stations experienced a decrease in volumes between 2019 and 2020 which is considered an anomaly due to the pandemic. There was positive growth at all locations the following year, which is somewhat attributable to a return to pre-pandemic levels and not necessarily new growth. In the last year of the data there was an increase at two of the three count stations, but a -16.0% decrease on Atlanta Highway east of 6th Street. Overall there was a slight increasing trend at all three locations, ranging from 0.9% to 1.7%. Based on the growth trends identified in Table 2, and taking the pandemic into consideration, as well as the decrease on Atlanta Highway in the latest year of data, it was decided that a modest background annual growth rate of 2.0% could be expected on the roads in this study while the proposed subdivision is built-out. This equates to a 10.4% increase in volumes from existing to the anticipated 2029 project buildout year. The 10.4% background growth factor was applied to the counted trips at each study intersection to develop the 2029 no-build volumes.

Programmed Transportation Infrastructure Improvements

The Georgia DOT projects website was reviewed for transportation projects in the vicinity of the subject development. The following programmed (scheduled and funded) or planned (anticipated) transportation infrastructure project was identified:



Georgia DOT Project No. 0001816 – Grade Separation at CSX Railroad Tracks – This is a long-range (2052) project to grade separate certain intersections at the railroad crossings adjacent to Atlanta Highway. This project will occur well beyond the buildout date of the proposed subdivision and was, therefore, not included in the future modeling and analysis in this traffic study.

No-Build Intersection Operations

The no-build condition includes the no-build traffic volumes, as described above, applied to the existing lanes and control. The no-build volumes were entered into the Synchro 12 model and the 2029 no-build traffic operations were analyzed at each study intersection. The results of the no-build analysis are shown in Table 3. Computer printouts containing detailed results of the no-build analysis are located in Appendix D. Levels of service and delays are provided for each overall intersection and for each controlled approach or movement. Locations that operate unacceptably (LOS E or LOS F) are presented in bold type.

Table 3 - No-Build Intersection Operations

	A.M. Po	eak Hour	P.M. Pe	eak Hour
Intersection / Approach	LOS	Delay (s/veh)	LOS	Delay (s/veh)
1. Autry Road at Lyle Road / Ingles Access (all-way stop)	Α	7.2	Α	7.2
northbound approach (Lyle Rd)	Α	7.1	Α	7.1
southbound approach (Ingles access)	Α	6.5	Α	7.0
eastbound approach (Autry Rd)	Α	7.3	Α	7.4
westbound approach (Autry Rd)	Α	7.1	Α	7.4
2. Main Street at 6 th Avenue / Bank Access (all-way stop)	Α	7.2	Α	7.8
northbound approach (Main St)	A	7.1	Α	7.2
southbound approach (Main St)	Α	7.7	A	8.3
eastbound approach (bank access)	Α	7.2	Α	7.4
westbound approach (6 th Ave)	Α	7.0	A	7.5
3. US 29 Business at Main Street / Mt Moriah Road (signal)	С	22.0	С	31.7
northbound approach (Main St)	В	19.7	С	24.9
southbound approach (Main St)	С	22.2	С	33.0
eastbound approach (US 29 Bus)	В	11.0	C	27.4
westbound approach (US 29 Bus)	C	28.9	D	37.0

The no-build analysis reveals traffic operations comparable to the existing condition, with slight increases in delays. All locations will continue to operate acceptably in the no-build condition and no mitigation is identified at any study intersection.



Project Traffic Characteristics

This section describes the anticipated traffic characteristics of the proposed development, including a project description, how much traffic the project will generate, and where that traffic will travel.

Project Description

The proposed development is a residential subdivision which will consist of 144 detached single-family homes and 44 attached townhomes which will be served by one full-movement access on Main Street. A secondary, emergency vehicle access will also be provided on Main Street. The site plan is presented in Figure 4.

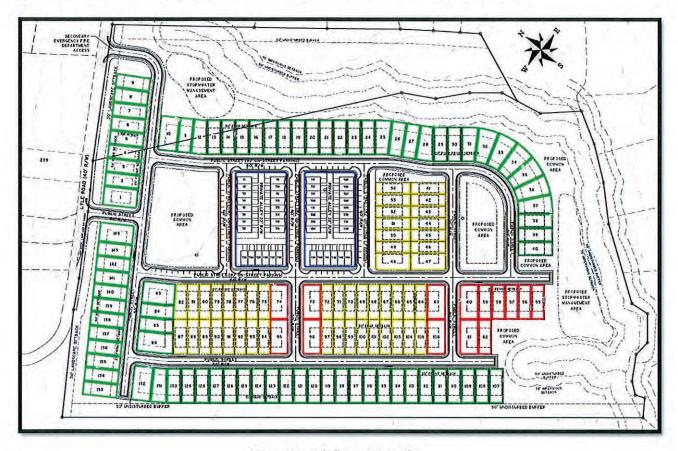


Figure 4 - Subdivision Site Plan

Trip Generation

Trip generation is an estimate of the number of entering and exiting vehicular trips that will be generated by the proposed development. The volume of traffic that will be generated by the project was calculated using the equations and rates in the Institute of Transportation Engineers (ITE) *Trip Generation Manual*, 11th Edition (the



current edition). ITE Land Use 210 – Single Family Detached Housing and ITE Land Use 215 – Single Family Attached Housing were chosen as representative of project. The trip generation for the project is presented in Table 4.

Table 4 – Main Street / Lyle Road Subdivision Trip Generation

Land Use	ITE	Size	A.	M. Peak H	our	P.1	M. Peak H	our	24-Hour
Land OSE	Code	Size	In	Out	Total	In	Out	Total	2-Way
Single Family Detached	210	144 homes	26	78	104	88	52	140	1,412
Single Family Attached	215	44 homes	4	13	17	13	9	22	286
Project Totals		188 homes	30	91	121	101	61	162	1,698

The proposed subdivision will generate 121 a.m. peak hour trips, 162 p.m. peak hour trips, and 1,698 weekday trips.

Trip Distribution and Assignment

The trip distribution percentages indicate what proportion of the subdivision's trips will travel to and from various directions. The trip distribution percentages for the subdivision were developed based on the locations and proximity of likely trip origins and destinations including regional employment centers, retail and offices in the area, nearby schools, other regional trip attractors, and the major routes of travel in the area. The project trips, shown in Table 4, were assigned to each study intersection and the project main access based on the distribution percentages. The trip distribution percentages and the total a.m. and p.m. peak hour trips expected to be generated by the proposed development are shown in Figure 5.

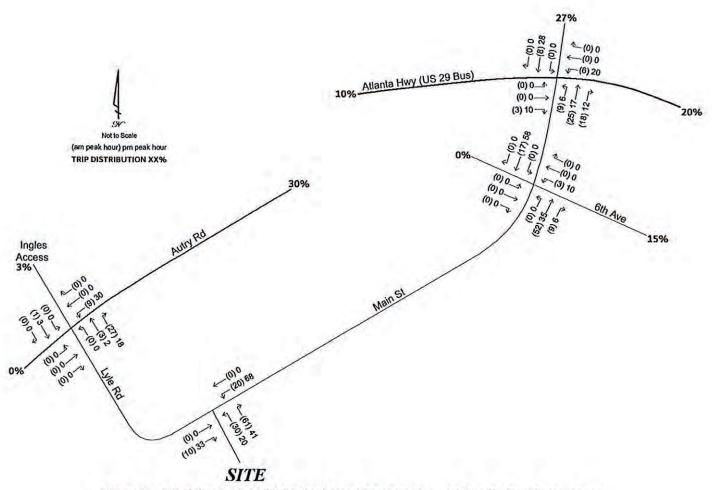


Figure 5 - Weekday A.M. and P.M. Peak Hour Project Trips and Distribution Percentages

Future Traffic Conditions

The future volumes consist of the no-build volumes plus the trips that will be generated by the proposed subdivision. The future volumes are shown in Figure 6.

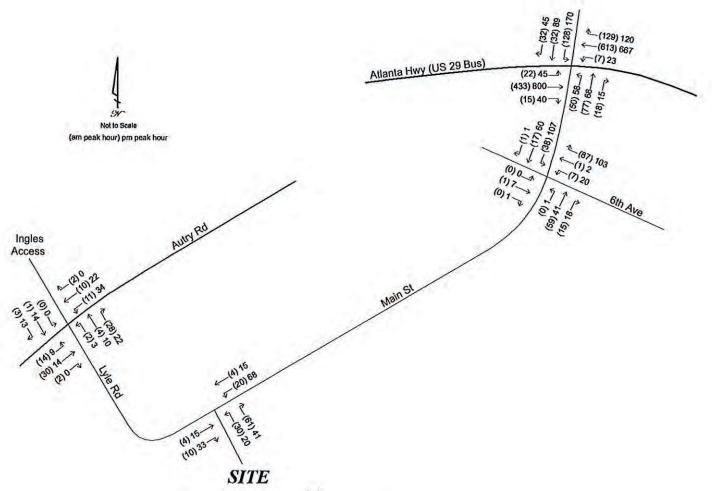


Figure 6 - Future Weekday A.M. and P.M. Peak Hour Volumes

Auxiliary Lane Requirements at Project Access

The Code of Ordinances of the City of Auburn was reviewed to determine the standards for providing left and right turn lanes on Main Street at the project main access. The Code Title 16 – Development Regulations, Chapter 16.28 – Access and Right of Way Requirements; Street Improvements and Construction Requirements, Section 16.28.020 – Minimum Right-of-Way and Street Improvements, B – Project Access Improvements – Single Family Detached Subdivisions states:

1. When property that abuts upon an existing or proposed city road is to be developed or redeveloped as a single family detached or duplex subdivision and the city street will provide access to the property, project



access improvements to the city road (deceleration lanes, turn lanes, etc.) shall be provided by the developer as required in this chapter.

- A deceleration lane shall be required to be provided at each subdivision street entrance that is provided street access to a collector street or arterial street. In the event a street has an existing or proposed median, and the developer desires to construct a median break to serve the subdivision, a left turn lane leading to the median break shall be required to be provided by the developer and shall meet the standards contained herein.
- 3. Deceleration lanes shall have a length of one hundred fifty feet, with an additional fifty foot taper length, a pavement width of twelve feet (exclusive of curb and gutter) and shall be provided with curb and gutter. Additional right-of-way to accommodate the deceleration lane and an eleven foot shoulder shall be dedicated by the developer to the city at no cost. Associated drainage improvements as deemed necessary by the construction of the deceleration lane shall also be required.
- 4. Other project access improvements may be required by the city upon the recommendation of the Department of Transportation for Barrow and/or Gwinnett County or the state of Georgia in order to ensure adequate site access, pedestrian access, convenience and safety to the motoring public.
- 5. The developer shall be responsible for the relocation of public or private utilities and drainage structures, as may be occasioned by the required project access improvements.

Main Street / Lyle Street is a local street and as such, the code does not require an eastbound deceleration lane on Main Street at the project access. Given the extremely low volumes on Main Street (projected for the future at eastbound through 4 vehicles and 15 vehicles in the a.m. and p.m. peak hours, respectively, and westbound through also at 4 vehicles and 15 vehicles in the a.m. and p.m. peak hours, respectively), this study agrees with this conclusion. For the same reason, a westbound left turn lane is not considered necessary on Main Street at the project access. The secondary access was assumed to be for emergency vehicle use only and, therefore, no turn lanes are recommended on Main Street at the secondary access.

It is recommended that the project main access be constructed with one entering lane and one exiting lane. The exiting approach should be controlled by side street stop sign and accompanying stop bar.

Future Intersection Operations

An operational analysis was performed for the anticipated future project build-out at the study intersections. No analysis was performed at the project main access because the through volumes on Main Street are very low, as presented above, and the project access is expected to operate with minimal delays. Table 5 presents the results of the future analysis. Computer printouts containing detailed results of the future analysis are located in Appendix E. Levels of service and delays are provided for each overall intersection and for each controlled approach or movement. Locations that operate unacceptably (LOS E or LOS F) are presented in bold type.



Table 5 – Future Intersection Operations

Table 5 – Future Intersection	A.M. Pe	ak Hour	P.M. Pea	k Hour
		Delay	LOS	Delay (s/veh)
Intersection / Approach	LOS	(s/veh)	LOS	
	Α	7.3	Α	7.5
Autry Road at Lyle Road / Ingles Access (all-way stop)	Α	7.1	Α	7.2
northbound approach (Lyle Rd)	A	6.8	Α	7.2
southbound approach (Ingles access)	7.45	7.5	Α	7.5
eastbound approach (Autry Rd)	A	7.4	A	7.9
us aund approach (Autry Rd)	Α	7.7	Α	8.5
2. Main Street at 6 th Avenue / Bank Access (all-way stop)	A	7.9	A	7.9
northbound approach (Main St)	A		A	9.0
southbound approach (Main St)	A	7.9	A	7.8
southbound approach (hank access)	A	7.6	A	8.2
eastbound approach (bank access)	A	7.5		36.7
westbound approach (6 th Ave)	C	22.2	D	26.3
3. US 29 Business at Main Street / Mt Moriah Road (signal)	C	21.6	C	
northbound approach (Main St)	C	22.2	D	36.9
southbound approach (Main St)	В	11.4	D	37.3
eastbound approach (US 29 Bus)	C	28.7	D	38.3
westbound approach (US 29 Bus)		الم ما الم		

The future analysis with the addition of the proposed subdivision's trips reveals a slight deterioration in operations at each study intersection, with all locations continuing to operate acceptably. Therefore, no mitigation is identified as a consequence of the proposed subdivision.



Conclusions and Recommendations

This study assesses the traffic impact of a proposed residential subdivision in the City of Auburn. The site is located along the south side of Main Street between Autry Road and 3rd Street. The development will consist of 144 detached single-family homes and 44 attached townhomes which will be served by one full-movement access on Main Street. A secondary, emergency vehicle access will also be provided on Main Street. The following are the findings and recommendations of this study:

- 1. The existing analysis reveals acceptable traffic operations at all study locations. Therefore, no mitigation is identified at any study intersection for the existing condition.
- 2. Traffic volume growth in this area has been a mix of positive and negative. An annual growth rate of 2.0%, applied for five years, for a total of 10.4% growth, was used in developing future volume projections.
- The no-build analysis reveals operations comparable to the existing condition, with slight increases in delays. All locations will continue to operate acceptably in the no-build condition and no mitigation is identified at any study intersection.
- 4. The proposed subdivision will generate 121 a.m. peak hour trips, 162 p.m. peak hour trips, and 1,698
- 5. The future analysis with the addition of the proposed subdivision's trips reveals a slight deterioration in operations at the study intersections. However, all study intersections will operate acceptably and no mitigation is recommended as a consequence of the proposed development.
- 6. No exclusive left or right turn lanes are required by City Code on Main Street at the main project access and none are recommended by this study.
- 7. The main subdivision access should be built with one entering lane and one exiting lane and the exiting approach should be controlled by side street stop sign and accompanying stop bar.
- 8. Main Street / Lyle Road is very narrow and the pavement is in poor condition. Improving this road from Autry Road to 6th Avenue to City standards, is advised.
- 9. The project civil/site engineer should comply with all applicable design standards including sight distances, turn lane storage and taper lengths (when applicable), turn radii, driveway widths, islands, angles with the adjacent roadways, and grades.



Appendix A

Traffic Count Data



Lyle Road / Main Street Subdivision Traffic Impact Study City of Auburn, Georgia

June 2024

Intersection: 1. Autry Road at Lyle Road / Ingles Access

				Easthound Autry Road	Westboun	Westbound Autry Road	Tot
			Southbound Ingles Access	Tot	1		9
	Northbound Lyle Road		T R Tot	- 15	2 9	7	-
Weekday A.M. Peak Hour	-	R 101	3	77 77	1.00 1.00	5	
(AL) 0 ALL 8 COO .	2 1	1	*	7:00	2 9	7	3
Counted Volumes (Tuesday, June 4, 2024 / 12-0-12)	1.00	1.00	E 8 3				
GDOT Monthly Adjustment Factor	2 1	7			10.4% 10.4%	ř	7
Existing Adjusted Volumes	ł		10.4%	% 10.4%	2 10	2	<u>+</u>
	10.4% 10.4%	10.4%					
Annual Background Growth to 2029	2 1	4			0	0	D.
2029 No-Build Volumes	ı	•	~ ·			,	- 6
	6	27 30	H	46	11 10	2	53
I vie Road / Main Street Subdivision Trips	•		4	14 30 2			
	2	28 34	χ 0				
2029 Build Volumes							
					Westbo	Westbound Autry Road	
			The Access	Eastbound Autry Koad		ĸ	į.
			Collingia algorithms				`

Weekday P.M. Peak Hour Counted Volumes (Tuesday, June 4, 2024 4:30-5:30) GDOT Monthly Adjustment Factor Existing Adjusted Volumes Annual Background Growth to 2029 2029 No-Build Volumes	Northbound Lyle Road T R Tot 3 7 4 14 1.00 1.00 1.00 10.4% 10.4% 10.4% 3 8 4 15	Southbound ingles Access L T R R Tot 0 10 1.2 22 1.00 1.00 1.00 0 10 12 22 10.4% 10.4% 10.4% 0 11 13 24	1.00 1.00 21 10.4% 10.4% 10.4% 0 0 0	1.00 1.00 4 20 1.00 20 4 20 4 22 4 22	1.00 0 0 0 0 0 0	24 24 26 30
Lyle Road / Main Street Subdivision Trips 2029 Build Volumes	0 2 18 20 3 10 22 35	0 14 13 27	9 14 0 23	34 22 ACAMING	ACAMPORA TRAPPIC, LLC	C. LLC

ACAMPORA TRAFFIC, LLC

Lyle Road / Main Street Subdivision Traffic Impact Study City of Auburn, Georgia

June 2024

Intersection: 2. Main Street at 6th Avenue / Bank Access

Weekday A.M. Peak Hour		Vorthbound	Northbound Main Street	4.0		Southbound	Southbound Main Street	4		Eastbound	Eastbound Bank Access	1		Westbound	Vestbound 6th Avenue	
		F	œ	Tot	1	j.	œ	Tot	نڌ	j-	œ	Tot	_	j	R	Tot
Counted Volumes (Tuesday, June 4, 2024 7:00-8:00)	0	9	5	11	34	0	स्	35	٥	e	0	 i	4	1	79	84
GDOT Monthly Adjustment Factor	1,00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1	1.00	1.00	1.00	
Existing Adjusted Volumes	0	ω	Ŋ	11	34	0	ਜ	35	O	H	0	Ĥ	4	н	79	84
Annual Background Growth to 2029	10,4%	10,4%	10.4%		10.4%	10.4%	10.4%		10.4%	10.4%	10.4%		10.4%	10.4%	10.4%	
2029 No-Build Volumes	a	7	9	12	88	0	7	39	0	н	Ö	н	4	н	87	83
Lyle Road / Main Street Subdivision Trips	О	52	Ø	61	0	17	0	17	O	o	ā	o	m	0	0	m
2029 Build Volumes	Ö	59	15	73	38	17	1	56	o	н	o	н	7	-	87	96

Weekday P.M. Peak Hour	J	Vorthbound	Northbound Main Street		#1	Southbound	Southbound Main Street			Eastbound &	Eastbound Bank Access			Westbound	Nestbound 6th Avenue	
	a	L	œ	Tot	and 4	H	œ	Tot	ب	j	œ	Tot	1	j-	DC.	Tot
Counted Volumes (Tuesday, June 4, 2024 4:30-5:30)	gerl	in	11	17	- 62	7	1	100	0	ف	1	1	0	2	93	104
GDOT Monthly Adjustment Factor	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
Existing Adjusted Volumes	Ħ	w	11	17	76	7	-	100	0	9	H	1	O)	2	93	104
Annual Background Growth to 2029	10.4%	10.4%	10.4%		10.4%	10.4%	10.4%		10.4%	10.4%	10.4%		10.4%	10.4%	10.4%	
2029 No-Build Volumes	Ħ	w	12	19	107	7	ч	110	0	7	H	60	10	7	103	115
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ACAMPORA TRAF

Lyle Road / Main Street Subdivision Traffic Impact Study City of Auburn, Georgia

June 2024

Intersection: 3. US 29 Business (Atlanta Highway) at Main Street / Mt Moriah Road

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					Southbound	Southbound Mt Moriah Road	P	_	במאנחסמונה		Tot	_	F	×	3
	Ĺ	Northbound Main Street	Main Stree		1	œ	Tot	٦,	-		225	-	555	117	673
Weekday A.M. Peak Hour		۲	œ	Tot	1	29	167	20	392	11	c7#	1 5	1.00	1.00	
	37	47	0	84				1.00	1.00	1.00		5,5	555	117	673
Counted Volumes (Tuesday, June 4, 2024 /:13-8:13)	1.00	1.00	1.00		1.00	29	167	20	392	근	473	٠,			
GDOT Monthly Adjustment Factor	37	47	0	84						į		70 76%	10.4%	10.4%	
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	10.4%	10,4%	10.4%		10.4% 10.4%		184	22	433	12	46/	4	2		
Annual Background Growth to 2029	77.77	52	٥	93								Ų	c	0	ω
2029 No-Build Volumes	,	!				c	α	0	0	m	m	٥	.		
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TMC Data Autry Rd @ Lyle Rd Auburn, GA 7-9 AM | 4-6 PM

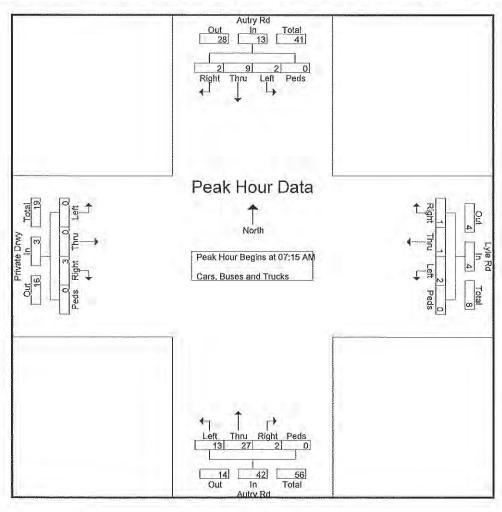
File Name: 48980001 Site Code : 48980001 Start Date : 6/4/2024

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TMC Data Autry Rd @ Lyle Rd Auburn, GA 7-9 AM | 4-6 PM

File Name: 48980001 Site Code : 48980001 Start Date : 6/4/2024

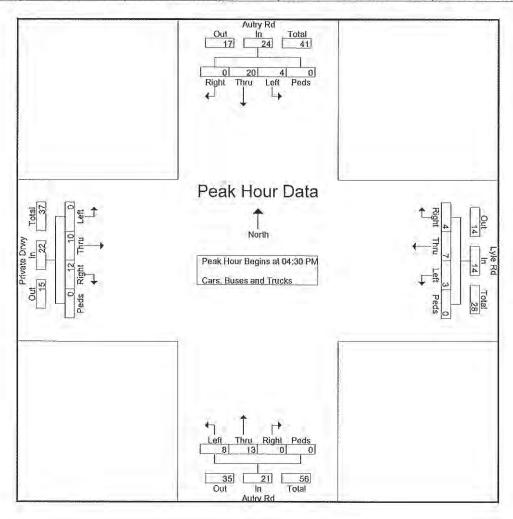
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TMC Data Autry Rd @ Lyle Rd Auburn, GA 7-9 AM | 4-6 PM

File Name : 48980001 Site Code : 48980001 Start Date : 6/4/2024

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05:00 PM	2	3	0	0	5	1	1	0	0	2	0	1	2	0	3	3	2	1	0	6	16
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TMC Data Main St @ 6th Ave Auburn, GA 7-9 AM | 4-6 PM

File Name: 48980002

Site Code : 48980002 Start Date : 6/4/2024

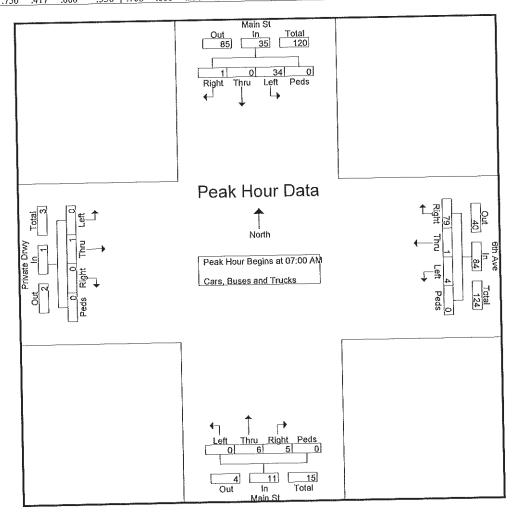
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05:45 PM	0	1_	0	0_	1	15	0	$\frac{1}{2}$	0		0			0		8	1	65	() 74	188
Total	0	7	8	0	15	88	1	2	U	91	1 0	,	•	•		•					4
										233	2	20	1		23	20	6	281	(307	610
Grand Total	2	18	27	0	47	226	4		0		8.7	87				6.5	2	91.5	. ()	
Apprch %	4.3	38.3	57.4	0		97	1.7	1.3	(3.3				1	1	46.1	. (50.3	i
Total %		3	4.4	0	7.7	37	0.7	0.5	(38.2	0.3	ر. ر	0,2	`							
10101 /0	1 0.5																				

TMC Data Main St @ 6th Ave Auburn, GA 7-9 AM | 4-6 PM

File Name: 48980002 Site Code : 48980002

Start Date : 6/4/2024

	Main St Northbound Let Thu Right Peds App. Test						Main St Southbound Left Thru Right Peds App Total					Private Drwy Eastbound Left Thru Right Peds Age Teal					6th Ave Westbound Left Thru Right Peds App. Total					
Start Time Peak Hour Analysi	Left s From 07	Thru :00 AM t	o 08:45 A	M - Peak	ofl	-10.22	200-															
Peak Hour for	Entire	Interse	ection I	Begins a	it 07:00	AM					0	0	0	0	0	1	0	22	0	23	31	
07:00 AM	0	2	0	0	2	6	0	0	0	0	0	1	0	0	1	Ô	1	27	0	28	36	
07:15 AM	0	0	1	0	1 '	5	0	1	0	12	0	ñ	0	0	ô	2	0	19	0	21	38	
07:30 AM	0	2	3	0	5	12	0	0	0	11	0	0	0	ő	0	j	0	11	0	12	26	
07:45 AM	0	2_		0_	3	34	- 0	1	0	35	0	1	0	0	1	4	i	79	0	84	131	
Total Volunie	0	6	5	0	11	97.1	U	1	· ·	55	Ť										L	
% App, Total		54.5	45.5	.000	.550	.708	.000	.250	.000	.729	.000	.250	.000	.000	.250	.500	.250	.731	.000	<u>.750</u>	.862_	
PHF	.000	.750	.417	.000	.550	.700	.000	12.00														



TMC Data Main St @ 6th Ave Auburn, GA 7-9 AM | 4-6 PM

File Name: 48980002 Site Code : 48980002

Start Date : 6/4/2024

		-	VIain S			Main St Southbound							vate D	•							
Start Time	Left	Thru	Right	App. Fetal	Left	Thru	Right		App. Total	1.eft	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Tetal	Int. Total	
Peak Hour Analysis	s From 04	:00 PM to	05:45 P	M - Peak	l of I																
Peak Hour for	Entire	Interse	ection I	3egins i	at 04:30 _,			_		45	_	_		0	2	2	0	35	n	37	62
04:30 PM	0	0	5	0	5	18	0	0	0	18	0	Z	0	0	2	1	1	19	ñ	21	51
04:45 PM	1	1	0	0	2	27	1	0	0	28	0	0	0	0	0	2	1	21	0	24	57
05:00 PM	0	2	2	0	4	25	1	0	0	26	0	3	0	U	3		1	18	0	27	58
05;15 PM	0	2	4	0	6	27	0	1_	0	28	0	1		<u> </u>		4		93		104	228
Total Volume	1	5	11	0	17	97	2	1	0	100	G	6	1	Ü	7	9	Z	89.4	U	104	220
% App. Total		29.4	64.7									85.7	14.3	000	CD2	5/2	500	.664	.000	.703	.919
PHF	.250	.625	.550	.000	.708	.898	.500	.250	.000	.893	.000_	.500	.250	.000	.583	.563	.500	.004	.000	.703	1,919

