

Planning Board Meeting March 25, 2024 7:00 p.m.

AGENDA

- A. Call to Order
 - 1. Pledge of Allegiance
 - 2. Invocation
 - 3. Approval of February 26, 2024 Planning Board Meeting Minutes
- B. Regular Agenda
 - 1. REZ-23-07 Rezoning Application 111/113/115 W. Young St.
 - 2. REZ-24-02 Rezoning Application Hills at Harris Creek
- C. Communications
 - 1. Planning Director's Report
 - a. Previous Planning Board Recommendations
 - b. Other
 - 2. Town Attorney's Report
 - 3. Other Business
 - 4. Adjournment



Planning Board Meeting February 26, 2024 - 7:00 PM 502 Southtown Circle, Rolesville, NC 27571

MINUTES

PRESENT: Mike Moss. Chair

Derek Versteegen, Board Member

Tisha Lowe, Board Member

April Sneed, Mayor Pro Tempore/Liaison Meredith Gruber, Planning Director Michele Raby, PB Clerk/Planner II Donnie Lawrence, Vice-Chair Jim Schwartz, Board Member Erol Ozan, Board Member

Erin Catlett, Deputy Town Attorney Mike Elabarger, Senior Planner

ABSENT: Steve Hill, Board Member

A. CALL TO ORDER

Chair Moss called the meeting to order at 7:00 p.m.

A.1. PLEDGE OF ALLEGIANCE

The Board collectively recited the Pledge of Allegiance.

A.2. INVOCATION

Chair Moss delivered the invocation.

A.3. SWEARING-IN CEREMONIES

- Erol Ozan
- Donnie Lawrence
- Jim Schwartz

A.4. ELECTION OF CHAIR AND VICE-CHAIR- 2024 CALENDAR YEAR

Board Member Jim Schwartz nominated Mike Moss as Chair and Board Member Tisha Lowe seconded; Board Member Jim Schwartz nominated Donnie Lawrence for Vice-Chair and Board Member Derek Versteegen seconded. The motions to approve Mike Moss as Chair and Donnie Lawrence as Vice-Chair passed unanimously.

A.5. APPROVAL of December 18, 2023, Planning Board meeting minutes.

Moved by Board Member Versteegen and Seconded by Board Member Schwartz. The motion to approve the minutes of December 18, 2023, was carried with a unanimous vote, 5 voted aye, 0 voted nay (5 voted, 1 absent, 1 vacant; Mr. Erol Ozan was not eligible to vote on a meeting he did not attend).

B. REGULAR AGENDA

B.1. Welcome to 2024

Planning Director Gruber welcomed the Board to a new year.

a. Introductions of Board Members and Staff

Ms. Gruber introduced April Sneed-Mayor Pro Tempore/ Planning Board Liaison, and Mr. Erol Ozan, Planning Board Member filling the vacant seat (Mr. Davion Cross).

1|Planning Board Meeting Minutes

February 26, 2024

The Town of Rolesville is committed to providing accessible facilities, programs, and services for all people in compliance with the Americans with Disabilities Act. Should you need assistance, or a particular accommodation, please contact the ADA Coordinator.

b. Overview of Planning Board Responsibilities

Ms. Gruber reviewed with the board an overview of possible duties as per the State statutes and Rolesville's Land Development Ordinance (LDO). Chair Moss asked for a brief description of the Development Review Process from Application to Certificate of Occupancy. Board Member Lowe asked for a flow chart.

B.2. Affordable Housing Plan Update

Ms. Gruber discussed the Housing Stakeholder meetings occurring today and tomorrow with TPMA, a consultant hired by the Town to guide the housing affordability discussions within the community and then prepare an Affordable Housing Plan. Ms. Gruber invited everyone to take a Housing survey that can be found on the town's website and in emailed News Blasts.

B.3. Upcoming Land Development Ordinance Text Amendments

Ms. Gruber reviewed a few of the upcoming amendments for revisions to the LDO and discussed creating a regular review schedule for the future Text Amendment to be considered.

C. COMMUNICATIONS

C.1. Planning Director's Report

a. Previous Planning Board Recommendations

- REZ-23-06, 4124 Burlington Mills (RRFD) rezoning request was approved on February 6, 2024.
- MA-22-08 & ANX-22-05, Harris Creek Farm, was scheduled on the February 6, 2024, Town Board Agenda but, the applicant asked for a continuance to revise the rezoning request.
- ANX-23-01, Woodlief Assemblage was continued from February 6, 2024, to March 5, 2024; REZ-23-02 will also be presented on March 5, 2024.

b. Other

Ms. Gruber discussed future training and asked the Board collectively if there were any topics they would like to review. Development Review process and Board duties clarification was requested.

C.2. Town Attorney's Report

Deputy Town Attorney Catlett noted she had none at this time.

C.3. Other Business

None currently.

C.4. Adjournment

Vice Chair Lawrence made a motion to adjourn and Seconded by Board Member Lowe. The motion was carried by a unanimous (6-0, 1 absent being Board Member Hill) vote. The meeting was adjourned at 7:58 p.m.

Mike Moss. Planning Board Chair	Michele Raby, Planning Board Clerk/ Planner II



Memo

To: Town of Rolesville Planning Board

From: Michael Elabarger, Senior Planner and Meredith Gruber, Planning Director

Date: March 25, 2024

Re: 111-113-115 W. Young Street

Rezoning REZ-23-07

Background

The Town of Rolesville Planning Department received an initial Rezoning application (attached) in November 2023 for 1.57 acres consisting of three (3) lots on the southern side of W. Young Street just west of Main Street. The properties are within the Town's corporate limits. The request is to change the zoning from the existing Residential Low (RL) zoning district to a General Commercial Conditional Zoning District (GC-CZ). The submittal includes a set of proposed Conditions of Approval (attached) which specify the intent for a project to include a maximum of seven (7) upper-story residential units and between 5,000 and 30,000 square feet of nonresidential floorspace.

Applicant Justification

The Applicant included a justification statement (attached) with the initial application for the rezoning request. It notes the proposed conditions of approval will limit the types of commercial uses allowed as well as the number of upper-story dwelling units.

Neighborhood Meetings

The Applicant conducted a neighborhood meeting on February 27, 2023, and the neighborhood meeting package is attached.

Comprehensive Plan

Land Use

The 2017 Comprehensive Plan's Future Land Use Map designates the subject property as appropriate for **Medium Density Residential** development. Per the Plan, this is defined as:

Predominantly single-family residential uses with portion of duplex, townhouse, or multifamily residential. These are lots or tracts at a density range of three to five (3-5) dwelling units per gross acre including preserved open space areas along with limited non-residential uses under planned unit development or form base code provisions.

Community Transportation Plan

The Town of Rolesville's Community Transportation Plan (CTP, adopted 2021) includes recommendations for Thoroughfares, Collectors, and intersections.

Thoroughfare Recommendations

 W. Young Street is proposed to be a two (2) lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalk.

Intersection Recommendations

 The Young and Main Streets intersection was recommended for improvements and access management, which is being completed per the LAPP Main Street project currently under construction.

Greenway and Bike Plans

As per the 2022 Greenway and Bike Plans, proposed pedestrian and bicycle routes are shown in the following locations:

- A Sidepath is proposed along Young Street.
- Bike lanes are proposed along Young Street.

Consistency

The Applicant's rezoning request is consistent with the Town of Rolesville's Comprehensive Plan for the following reasons:

- The proposed nonresidential floorspace and upper-story residential units, while not the predominant use in Medium Density Residential, are still appropriate in the Medium Density Residential Future Land Use designation area.
- The Main Street Vision Plan and the proposed development's downtown location, adjacent to the Cobblestone mixed use development, must also be considered. The proposed uses for 111, 113, and 115 W. Young Street will create a transition between downtown mixed use at Cobblestone to residential and lower intensity commercial uses nearby.

Traffic / Traffic Impact Analysis

The Applicant provided a Trip Generation letter performed by Kimley-Horn (attached). This analysis utilized the proposed scope of development contained within the proposed Conditions of Approval. See clip below detailing trip generation.

	ITE Trip Ger	Table 1 neration	(Vehicle	s)			
Landllas	Size	Da	ily	AM Pea	ak Hour	PM Pea	ak Hour
Land Use	Size	In	Out	In	Out	In	Out
Multifamily Housing, Low-Rise (LUC 220)	7 d.u.	60	60	6	19	15	9
General Office (LUC 710)	30,000 SF	204	204	52	7	10	51
Total Net New External	Trips	264	264	57	27	25	60

- The analysis is based on the maximum non-residential square footage (i.e. worst case), rather than the minimum or some amount in between.
- The analysis took into account NO internal capture of trips example, trips for the non-residential made by the 7 residential units (i.e. internal and thus no actual new trips generated), or visitors to the property visiting more than 1 use on the property (there are no controls on how the non-residential square footage is developed, it could be one tenant/end-user or it could be a multi-tenant development with complimentary uses.
- Even with the above very liberal measures, the thresholds for Daily and Peak Hour trips were just over the minimums.

Due to the above points, the Land Development Administrator (LDA) waived the requirement for a TIA at this point of rezoning entitlement, and proposed Condition #4 commits to the project/development performing a TIA if 20,000 SF or more are proposed via a Site Development Plan application at a later date.

Development Review

The Technical Review Committee (TRC) reviewed two (2) versions of the Rezoning application, with all comments pertinent to the consideration of the proposed District and Conditions of Approval being addressed.

Staff Recommendation

Staff recommends approval of rezoning request REZ-23-07 due to the consistency with the Comprehensive Plan and the synergy with new development (Cobblestone) as well as the community as a whole.

Proposed Motion

Motion to recommend (approval or denial, along with mention of consistency or inconsistency with the Comprehensive Plan) to the Town Board of Commissioners of REZ-23-07, 111-113-115 W. Young Street.

Attachments

1	Vicinity Map
2	Existing Zoning Map
3	Future Land Use Map
4	Map Amendment Application and
5	Applicant Statement of Justification
6	Proposed Conditions of Approval
7	Neighborhood Meeting Package – November 01, 2023
8	Trip Generation Letter dated March 12, 2024

ATTACHMENT 1

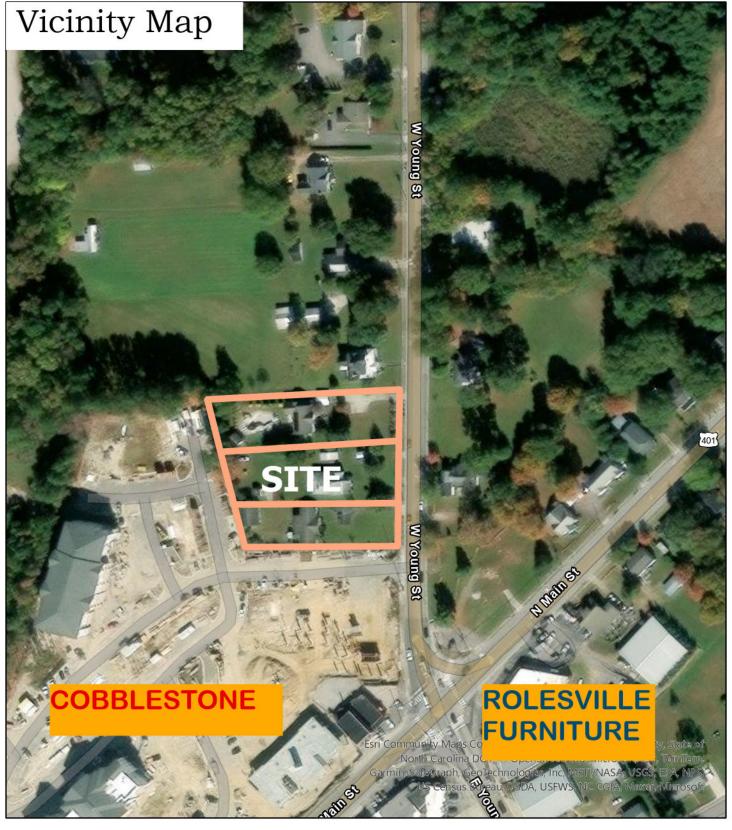


Case: REZ-23-07

Address: 111,113,115 W. YOUNG

PIN: 1769014751, 1769014840, 1769014849

Date: 2024.03.18



0.02

0

0.04

0.08 Miles

Miles



ATTACHMENT 2

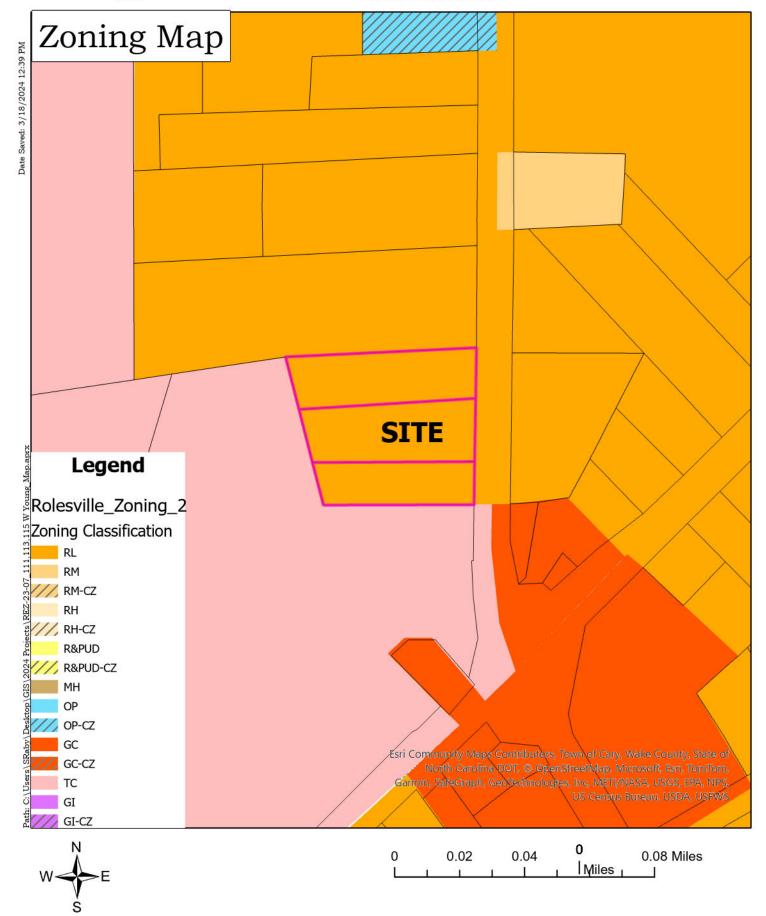


Case: REZ-23-07

Address: 111,113,115 W YOUNG

PIN: 1769014751, 1769014840, 1769014849

Date: 2024.03.18



ATTACHMENT 3

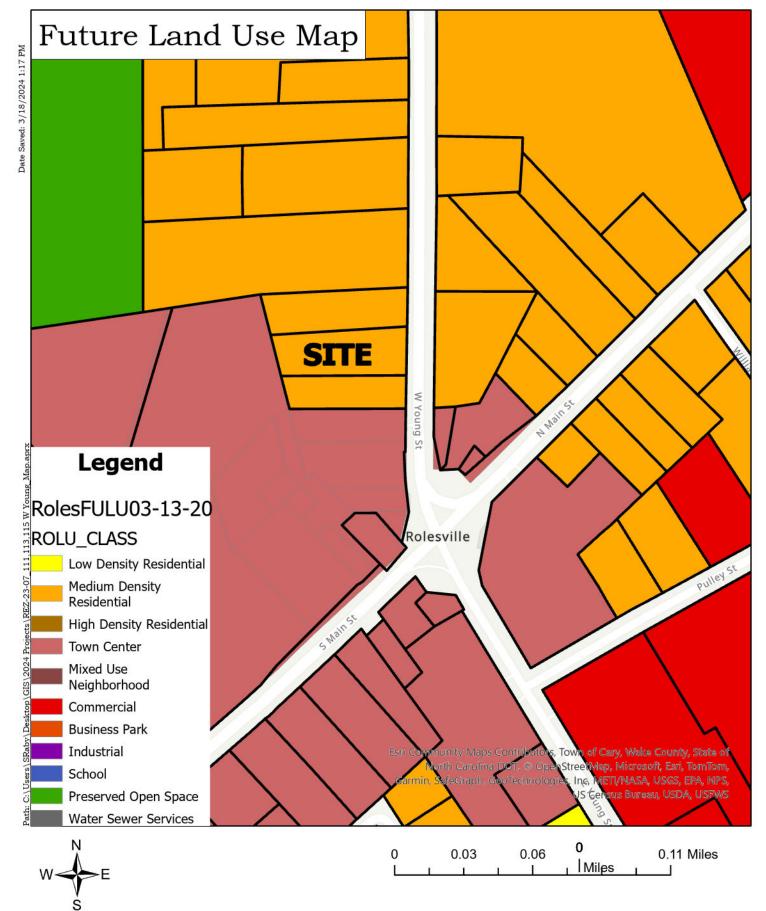


Case: REZ-23-07

Address: 111,113,115 W YOUNG

PIN: 1769014751, 1769014840, 1769014849

Date: 2024.03.18





ATTACHMENT 4 - APPLICATION

REZ-23-07 Case No._____ Date rcvd 11-28-2023

Map Amendment Application

Contact Information	
Property Owner Wesley and Roxey Wilkins	
Address 115 W. Young St	City/State/Zip Rolesville, NC 27571
Phone	_ Email
Developer The Joel Fund	
Contact Name Brooke Dickart	
Address 822 S. White Street	City/State/Zip Wake Forest, NC 27587
Phone (919) 247-9333	Email brooke@thejoelfund.org
Property Information	
Address 111, 113, and 115 W. Young Street	
Wake County PIN(s) 1769-01-4751, 1769-01-4840, and 1769-0	01-4849
Current Zoning District RL	Requested Zoning District GC-CZ
Total Acreage 1.57	_
Owner Signature	
I hereby certify that the information contained herein is	true and completed. I understand that if any item is
found to be otherwise after evidentiary hearing before	the Town Board of Commissioners, that the action of the
Board may be invalidated.	11
Signature O(Le L) Le La James Maria	Date <u>//-27-23</u>
STATE OF NORTH CAROLINA	
COUNTY OF Walle	
l, a Notary Public, do hereby certify that <u>いょらん</u> ょ	William Roxey Wilkins
personally appeared before me this day and acknowle	de the due execution of the foregoing instrument. This
the	Payor AMING whic 20 23
My commission expires <u> </u>	
Signature July C	Geal COUNT MANAGER COUNT MANAG



Metes and Bounds Description of Property

111 W. Young Street: Lot 3 on that plat recorded in Book of Maps 1964, Page 148, Wake County
Registry.
113 W. Young Street: Lot 2 on that Recombination Survey recorded in Book of Maps 2009, Page
928, Wake County Registry.
115 W. Young Street: Lot 1 on that Recombination Survey recorded in Book of Maps 2009, Page 928, Wake County Registry.



Rezoning Justification
See attached.



Property Owner Information

Wake County PIN	Property Owner	Mailing Address	Zip Code
See attached			

V1 - REZ-23-07

111, 113, and 115 W. Young Street Justification Statement

1. Is the application consistent with the Comprehensive Plan / other applicable adopted town plans?

Response. The Town's Future Land Use Map designates these three properties as Medium Density Residential. Medium Density Residential recommends residential density between three and five units per acre. The proposed conditional use rezoning request proposes a maximum of seven units total, which equates to approximately 4.5 units per acre across the assemblage. Additionally, this land use designation calls for limited non-residential uses. The proposed rezoning permits a limited range of non-residential, and at a scale that respects adjacent residential uses. Thus, the proposed conditional use rezoning application is consistent with the Rolesville Future Land Use Plan.

2. Is it in conflict with any provision of the LDO or the Town Code of Ordinances?

Response. The Project intends to comply with all parts of the LDO and Town Code of Ordinances.

3. Does the application correct any errors in the existing zoning present at the time it was adopted?

Response. The application does not correct any errors in the existing zoning.

4. Does it allow uses that are compatible with existing and allowed uses on surrounding land?

Response. The proposed conditional use rezoning would allow for seven total dwelling units and limited non-residential uses. The assemblage of property is located near the Young Street and Main Street intersection, which is the heart of the Rolesville town center and where one would expect to see a variety of nonresidential uses and dense residential development. Additionally, the properties immediately west of the assemblage are zoned Town Center (TC), which is appropriate for the core of Rolesville and permit both residential and nonresidential uses. Thus, the proposed rezoning to GC-CZ is compatible with existing and allowed land uses in the nearby area.

5. Would it ensure efficient development within the town, including the capacity and safety of the street network, public facilities, and other similar considerations?

<u>Response</u>. The proposed rezoning and development would require street improvements and streetscape along W. Young Street, which is classified as a "2 Lane with Two Way Left Turn Lane". Enhanced vehicular and pedestrian infrastructure along this development is important for the build out of the Rolesville town center.

6. Would it result in a logical and orderly development pattern?

<u>Response</u>. Yes, the rezoning and redevelopment of these three properties for a mix of uses is consistent with nearby development near the Rolesville town center.

7. Would it result in adverse impacts on water, air, noise, storm water management, wildlife, vegetation, wetlands, and the natural functioning of the environment?

<u>Response</u>. No, there are no environmentally sensitive areas on the assemblage. The properties were previously developed and cleared for residential uses, and there are few existing trees. The proposed uses would not have adverse noise impacts to adjacent properties.

8. Does the conditional rezoning addresses the impacts reasonably expected to be generated by the development or use of the site, can reasonably be implemented and enforced for the subject property, and if it will mitigate specific issues that would likely result if the subject property were zoned to accommodate all the uses and the minimum standards of the corresponding general zoning district.

<u>Response</u>. The zoning conditions limit the types of commercial uses permitted and the number of dwelling units, which will help mitigate impacts from a GC base zoning district.

REZ-23-07, W. Young Street Conditions of Approval March 19, 2024

- 1. The proposed General Commercial Conditional Zoning (GC-CZ) District shall allow Principal Uses per Exhibit A (Uses Permitted, Uses by Special Use Permit, Uses Prohibited).
- 2. No more than seven (7) upper-story dwelling units shall be permitted on the Property.
- 3. Nonresidential uses shall not be less than 5,000 square feet of gross floor area, and shall not exceed 30,000 square feet of gross floor area.
- 4. A traffic impact analysis shall be required for a Site Development Plan that includes at least 20,000 square feet of gross floor area of Office and Medical Uses as defined in LDO Section 5.1.1.

EXHIBIT A

REZ-23-07 / W. Young Street --- List of Permitted / Special Use Permit / Prohibited Zoning Uses in the General Commercial Conditional Zoning (GC-CZ) District.

RESIDENTIAL		CIVIC		COMMERCIA	\L	OFFICE/MEDICAL	INDUSTRIAL	INFRASTRUCTURE
Dwelling, Upper-Story Unit	Assembly / Church	Public Safety Facility		Event Center	Retail Sales & Service, Neighborhood		Artisanal Manufacturing	Minor Utility
	Cultural Facility	Parks / Public Recreation		Funeral Home	Retail Sales & Service – Community	Dental Facility		Major Utility
		Preserved Open Space				Medical Facility		Minor Transportation Installation
	Govt. Office	Public Facilities				Professional Office		Water Storage Tank
	Lodge or Private clubs	Public Safety Facility		Recreation, Indoor				
			Eating Establish.	Recreation, Outdoor				
Permitted by S	Special Use F	Permit4_						
RESIDENTIAL CIVIC COMMERCI		NL	OFFICE/MEDICAL	INDUSTRIAL	INFRASTRUCTURE			
		Social Services	Lodging					Major Transportation Installation
								Telecom. Tower
PROHIBITED -	·_#_							
PROHIBITED -		CIVIC	Γ	COMMERCIA	AL	OFFICE/MEDICAL	INDUSTRIAL	INFRASTRUCTURE
		CIVIC Schools K-12	Adult Business	COMMERCIA Commercial Parking	AL Golf Course	OFFICE/MEDICAL Animal Care	INDUSTRIAL Flex	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family,		Schools K-12	Adult Business Bank	1	1	-		INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family,	Cemetery	Schools K-12		Commercial Parking	Golf Course Retail Sales & Service –	Animal Care	Flex	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family	Cemetery College/University Correctional	Schools K-12	Bank	Commercial Parking Carwash Electronic Gaming	Golf Course Retail Sales & Service – Shopping Center	Animal Care Hospital	Flex Fulfillment Center	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family Dwelling, Multiple	Cemetery College/University Correctional Facility	Schools K-12	Bank Bars and Nightclubs Breweries and	Commercial Parking Carwash Electronic Gaming Operations	Golf Course Retail Sales & Service – Shopping Center Tattoo Establishment	Animal Care Hospital	Flex Fulfillment Center Industrial, Light	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family Dwelling, Multiple Family Dwelling, Multiple Family Dwelling, Manufactured Unit Boarding	Cemetery College/University Correctional Facility	Schools K-12	Bank Bars and Nightclubs Breweries and Distilleries Vehicle Rental and	Commercial Parking Carwash Electronic Gaming Operations Gas Station	Golf Course Retail Sales & Service – Shopping Center Tattoo Establishment Vape & Tobacco Store	Animal Care Hospital	Flex Fulfillment Center Industrial, Light Industrial, Heavy	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family Dwelling, Multiple Family Dwelling, Manufactured Unit Boarding House/Dormitory	Cemetery College/University Correctional Facility	Schools K-12	Bank Bars and Nightclubs Breweries and Distilleries Vehicle Rental and	Commercial Parking Carwash Electronic Gaming Operations Gas Station	Golf Course Retail Sales & Service – Shopping Center Tattoo Establishment Vape & Tobacco Store	Animal Care Hospital	Flex Fulfillment Center Industrial, Light Industrial, Heavy Junk Yard	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family Dwelling, Multiple Family Dwelling, Manufactured Unit Boarding House/Dormitory Family Care Facility	Cemetery College/University Correctional Facility	Schools K-12	Bank Bars and Nightclubs Breweries and Distilleries Vehicle Rental and	Commercial Parking Carwash Electronic Gaming Operations Gas Station	Golf Course Retail Sales & Service – Shopping Center Tattoo Establishment Vape & Tobacco Store	Animal Care Hospital	Flex Fulfillment Center Industrial, Light Industrial, Heavy Junk Yard Land Fill	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family Dwelling, Multiple Family Dwelling,	Cemetery College/University Correctional Facility	Schools K-12	Bank Bars and Nightclubs Breweries and Distilleries Vehicle Rental and	Commercial Parking Carwash Electronic Gaming Operations Gas Station	Golf Course Retail Sales & Service – Shopping Center Tattoo Establishment Vape & Tobacco Store	Animal Care Hospital	Flex Fulfillment Center Industrial, Light Industrial, Heavy Junk Yard Land Fill Recycling Facility	INFRASTRUCTURE
RESIDENTIAL Dwelling, Single Family, Detached Dwelling, Single Family, Attached Dwelling, Double Family Dwelling, Multiple Family Dwelling, Manufactured Unit Boarding House/Dormitory Family Care Facility Live-Work Unit	Cemetery College/University Correctional Facility	Schools K-12	Bank Bars and Nightclubs Breweries and Distilleries Vehicle Rental and	Commercial Parking Carwash Electronic Gaming Operations Gas Station	Golf Course Retail Sales & Service – Shopping Center Tattoo Establishment Vape & Tobacco Store	Animal Care Hospital	Flex Fulfillment Center Industrial, Light Industrial, Heavy Junk Yard Land Fill Recycling Facility Warehousing	INFRASTRUCTURE

REZONING OF PROPERTY CONSISTING OF +/- 1.57 ACRES, LOCATED NORTHWEST OF THE S. MAIN STREET AND W. YOUNG STREET INTERSECTION, IN THE TOWN OF ROLESVILLE

REPORT OF MEETING WITH ADJACENT PROPERTY OWNERS AND TENANTS ON FEBRUARY 27, 2024

Pursuant to applicable provisions of the Land Development Ordinance, a meeting was held with respect to a potential rezoning with adjacent neighbors on Tuesday, February 27, 2024 at 6:00 p.m. The property considered for this potential rezoning totals approximately 1.57 acres, and is located northwest of the S. Main Street and W. Young Street intersection, in the Town of Rolesville, having Wake County Parcel Identification Numbers 1769-01-4751, 1769-01-4840, and 1769-01-4849. This meeting was held at the Rolesville Community Center, located at 502 Southtown Circle, Rolesville, NC 27571. All owners of property within 500 feet of the subject property were invited to attend the meeting. Attached hereto as **Exhibit A** is a copy of the neighborhood meeting notice. A copy of the required mailing list for the meeting invitations is attached hereto as **Exhibit B**. A summary of the items discussed at the meeting is attached hereto as **Exhibit C**. Attached hereto as **Exhibit D** is a list of individuals who attended the meeting.

EXHIBIT A – NEIGHBORHOOD MEETING NOTICE



To: Neighboring Property Owner

From: Worth Mills Date: February 16, 2024

Re: Neighborhood Meeting for Rezoning of 111, 113, and 115 W. Young Street (REZ-23-07 / W.

Young Street)

You are invited to attend an informational meeting to discuss the proposed rezoning of 111, 113 and 115 W. Young Street (with Property Identification Numbers (PINs) 1769-01-4751, 1769-01-4840, and 1769-01-4849). The meeting will be held on <u>Tuesday</u>, February 27, 2024, from 6:00 PM until 7:00 PM, at the following location:

Rolesville Community Center 514 Southtown Circle Rolesville, NC 27571

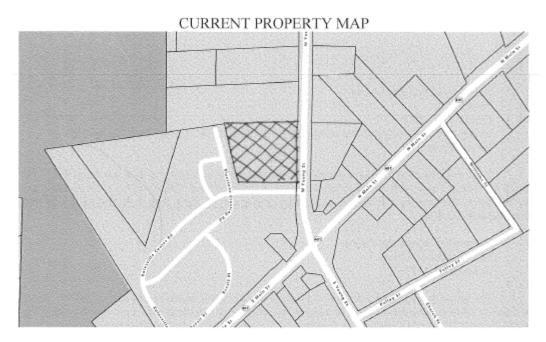
The property totals approximately 1.57 acres in size and is located northwest of the W. Young Street and S. Main Street intersection. The property is currently zoned Residential Low Density (RL). The proposed zoning is General Commercial, Conditional Zoning (TC-CZ). The purpose of the rezoning is to facilitate a veteran housing project with ground-floor meeting space.

The Town of Rolesville requires a neighborhood meeting involving the owners and tenants of property within 500 feet of the property prior to the rezoning being heard by the Planning Board. After the meeting, we will prepare a report for the Planning Department regarding the items discussed at the meeting.

Please do not hesitate to contact me directly if you have any questions or wish to discuss any issues. I can be reached at 919-645-4313 and wmills@longleaflp.com. Also, for more information about the rezoning, you may visit https://www.rolesvillenc.gov/project/scarboro-apartments or contact the Town of Rolesville Planning Department at 919.554.6517.

Attached to this invitation are the following materials:

- 1. Subject Property Current Aerial Exhibit
- 2. Subject Property Current Zoning Exhibit



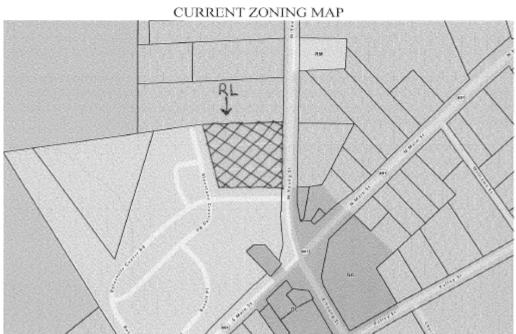


EXHIBIT B – NOTICE LIST

WOODLIEF, DONNIE LEE WOODLIEF, PATSY EDDINS 1769021117 6609 FOWLER RD ZEBULON NC 27597-8303

EDDINS FAMILY LLC 1769015274 6105 HOPE FARM LN

WAKE FOREST NC 27587-8426

WOODLIEF, DONNIE LEE WOODLIEF, PATSY EDDINS 1769024116 6609 FOWLER RD ZEBULON NC 27597-8303

LITTLE HOUSE LLC 1769120094 PO BOX 239

ROLESVILLE NC 27571-0239

WILKINS, WESLEY C WILKINS, ROXEY M JONES, CHARLES S JONES, SHARON K 1769014849 115 W YOUNG ST

ROLESVILLE NC 27571-9516

BANNER, WENDY LEIGH 1769018744 2601 TRICKLE CT RALEIGH NC 27615-3874

SELF, LINDA ESTELLE MERRITT WILKINS, ROXEY M 1769014751 115 W YOUNG ST ROLESVILLE NC 27571-9516

EDDINS FAMILY LLC 1769019527 6105 HOPE FARM IN

WAKE FOREST NC 27587-8426 EDDINS FAMILY LLC

6105 HOPE FARM LN WAKE FOREST NC 27587-8426

ROLESVILLE NC 27571-0263

1769110620

MOBI FY TERESA P TRUSTEE PRIVETTE RODNEY MCCOY IR TRUSTEE 1769022455 PO BOX 263

WOOD, MATTHEW DAVID WOOD, MISTY LEE

1769111881 112 N MAIN ST

ROLESVILLE NC 27571-9643

ROLESVILLE TOWN OF 1769017516 PO BOX 250

ROLESVILLE NC 27571-0250

KET REAL ESTATE LLC. 1769015048

321 SPRINGMOOR DR RALEIGH NC 27615-7740

WILLIAMS, SUSIE H 1769016663 7904 AUBUBON DR RALEIGH NC 27615

1769027000

3905 MANLY FARM RD WAKE FOREST NC 27587-8494

PRIVETTE PROPERTIES LLC

1769015401 PO BOX 116

ROLESVILLE NC 27571-0116

WILKINS, ROXEY MANGUM WILKINS,

WESLEY C SR 1769014840 115 W YOUNG ST

ROLESVILLE NC 27571-9516

WARD, ROBERT F JR 1769110685 108 N MAIN ST

ROLESVILLE NC 27571-9643

WOODLIFE INVESTMENTS II LLC

1769018978 PO BOX 1085

WAKE FOREST NC 27588-1085

BERNARD, BLANCA C 1769111730 110 N MAIN ST

ROLESVILLE NC 27571-9643

ROLESVILLE TOWN OF 1769017654 PO BOX 250

ROLESVILLE NC 27571-0250

ROLESVILLE TOWN OF 1759922076

PO BOX 250

ROLESVILLE NC 27571-0250

MITCHELL, ROBERT L JR LILES,

MARGARET SUE 1769111411

4313 BIRMINGHAM WAY RALEIGH NC 27604-4858

TELECOM TOWERS LLC 1759918780 PO BOX 723597

ATLANTA GA 31139-0597

EDDINS FAMILY LLC 1769016246 6105 HOPE FARM IN

WAKE FOREST NC 27587-8426

DRCW INVESTMENTS LLC

1769018892 PO BOX 1736

WAKE FOREST NC 27588-1736

EDDINS FAMILY LLC 1769018387

6105 HOPE FARM LN

WAKE FOREST NC 27587-8426

HAMILTON, ELIZABETH WILIAMS

WILLIAMS, FRED J III 1769017801 7904 AUDUBON DR RALEIGH NC 27615-3407

MOBLEY, TERESA P TRUSTEE PRIVETTE,

RODNEY MCCOY JR TRUSTEE

1769024499 PO BOX 263

ROLESVILLE NC 27571-0263

DRAGONFLY INVESTMENTS NC LLC

1769015157

15405 NEW LIGHT RD WAKE FOREST NC 27587-8633 COLUMBIA PARK EAST MHP-KB LLC 1769029362 8480 HONEYCUTT RD STE 200

RALEIGH NC 27615-2261

PEARCE, LINDA WILLIAMS PRYOR, CHRISTY LYNN 1769023248 1100 SILENT BROOK RD WAKE FOREST NC 27587-7138

MOBLEY, TERESA P TRUSTEE PRIVETTE, ROLESVILLE RURAL FIRE DEPT INC RODNEY MCCOY JR TRUSTEE 1769020472 PO BOX 263 ROLESVILLE NC 27571-0263

MAY, WILLIAM A 1769023002 PO BOX 248 ROLESVILLE NC 27571-0248 HESS PROPERTY GROUP LLC 1769024347 6624 RIDGE SPRING RD ZEBULON NC 27597-7525

PEOPLES, DAVID S III MACKO, STEVEN J 1769027139 10534 ARNOLD PALMER DR RALEIGH NC 27617-7775

1769017022 PO BOX 249 ROLESVILLE NC 27571-0249 HENDERSON, LIONEL R HENDERSON, CYNTHIA A 1769029063 7909 RIVER RIDGE RD WAKE FOREST NC 27587-9355

MITCHELL, ROBERT LEE 1769110317 PO BOX 81 ROLESVILLE NC 27571-0081

COBBLESTONE CROSSING SPE LLC 1769011435 8480 HONEYCUTT RD STE 200 RALEIGH NC 27615-2261

EXHIBIT C – ITEMS DISCUSSED

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EXHIBIT D – MEETING ATTENDEES

- Worth Mills (Longleaf Law Partners)
 Brooke Dickhart (Applicant)
 Rick Bowers (Applicant)



KIMLEY-HORN AND ASSOCIATES, INC NC License #F-0102

Docusigned by: Kerned A Pean 55F 4287F600E4DA

February 12, 2024

Meredith Gruber, PLA, AICP Planning Director Town of Rolesville 502 Southtown Circle Rolesville, NC 27571

RE: W. Young Street Rezoning, Rolesville, NC - Trip Generation Analysis

Kimley-Horn has prepared an analysis of the trip generation potential of the proposed rezoning of the properties located at 111-115 W. Young Street in Rolesville, NC. It is our understanding that the proposed rezoning would allow up to 30,000 square feet (SF) of non-residential space and up to 7 upper-floor dwelling units.

The trip generation potential of the proposed rezoning was determined using data from the 11th Edition of the ITE *Trip Generation Manual*. Trips for the non-residential space were generated as general office space (LUC 710), while the top-floor dwellings were generated as low-rise multifamily (LUC 220) as that category was identified as the closest land use provided in ITE. The trip generation potential of the land uses allowed under the proposed rezoning is summarized in <u>Table 1</u> below, and trip generation calculations are attached. To be conservative, no internal capture was applied between uses even though interaction between the uses is expected.

	ITE Trip Ge	Table 1 neration	(Vehicle:	s)			
Land Use	Size	Da	ily	AM Pea	ak Hour	PM Pea	k Hour
Land Ose	Size	In	Out	In	Out	In	Out
Multifamily Housing, Low-Rise (LUC 220)	7 d.u.	60	60	6	19	15	9
General Office (LUC 710)	30,000 SF	204	204	52	7	10	51
Total Net New External	Trips	264	264	57	27	25	60

<u>Table 1</u> shows that the proposed zoning maximums would generate approximately 528 new trips on a typical weekday, with 84 new trips in the AM peak hour and 85 new trips in the PM peak hour. While these calculated trips are above the Town's thresholds of 500 daily or 50 peak hour trips, the conservative nature of the calculations (no internal capture, potential for double-counted trips between the uses, etc.) is expected to provide conservative results.

If you have any questions, please feel free to contact me at kevin.dean@kimley-horn.com.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Kevin Dean, P.E. Project Manager

	> -	W. Young Street Rezoning Table 1 - Trip Generation	Street Re,	zoning							
oal Hea	Visuotal	oitv.		Daily		A	AM Peak Hour	ur	PI	PM Peak Hour	our
רמומ ספק		oity	Total	II	Out	Total	ul	Out	Total	ul	Out
220 Multifamily Housing (Low-Rise)	7	d.u.	120	09	09	25	9	19	24	15	6
710 General Office Building	30,000	s.f.	408	204	204	69	52	7	61	10	51
Total Net New External Trips			528	264	264	84	57	27	85	25	09



Memo

To: Town of Rolesville Planning Board **From:** Meredith Gruber, Planning Director

Date: March 25, 2024

Re: Hills at Harris Creek

Rezoning Case REZ-24-02

Background

The Town of Rolesville Planning Department received this Rezoning (Map Amendment) application in February 2024, requesting to rezone approximately 116 acres consisting of four (4) tracts of land on the north side of Mitchell Mill Road, between Jonesville and Rolesville Roads, from Wake County's R-30 Zoning District to the Town's Land Development Ordinance (LDO) zoning district of Residential Medium Density as a Conditional Zoning District (RM-CZ). This submittal includes a Concept Site Plan of a proposed residential single family detached subdivision, and a set of proposed Conditions of Approval.

Prior to this current Application:

- Map Amendment (Rezoning) application MA 22-01 was processed between January and October 2022. This application requested rezoning the entire property to a Neighborhood Center (NC) as a Conditional Zoning (CZ) District. The specifics of the project were for single family attached and detached housing as well as 150,000 square feet of commercial floorspace.
- In early 2023, the Applicant chose to significantly revise the scope of the application, and REZ-23-03 was submitted to replace MA 22-01, and this application requested a small NC District with the majority of the land area proposed for the Residential High Density (RH) District, both as Conditional Zoning (CZ) Districts. The specifics of the project included maximums of 270 total residential dwellings units (combined single-family detached and attached), with no more than 115 of them being detached units, and a non-residential component in the NC-CZ District meeting the minimum requirements for that District.
- REZ-23-03 was denied by the Town Board of Commissioners on November 8, 2023.



Hills at Harris Creek Concept Site Plan

A Voluntary Annexation Petition (ANX 24-01) has also been submitted and reviewed and processed simultaneously with this rezoning request. There will be a combined Legislative hearing at a future Town Board of Commissioners' meeting.

Applicant Justification

The Applicant provided a brief statement regarding the submittal noting the desire to integrate seamlessly with the surrounding community (see attached application).

Neighborhood Meetings

The Applicant conducted a neighborhood meeting for this current Rezoning request on March 18, 2024; a meeting report follows this staff memo as an attachment. The Applicant conducted several such meetings related to the prior two Rezoning applications during 2022 and 2023.

Comprehensive Plan

Land Use

The 2017 Comprehensive Plan's Future Land Use Map designates the subject property, and the entire area south of Harris Creek to Mitchell Mill Road, as appropriate for Medium-Density Residential development. Per the Plan, this is defined as predominantly single family residential uses with portions of duplex, townhomes, and/or multifamily residential. These are lots or tracts at a density range of three to five dwelling units per gross acre.

Community Transportation Plan

The Town of Rolesville's Community Transportation Plan (CTP, adopted 2021) includes recommendations for Thoroughfares, Collectors, and intersections.

Thoroughfare Recommendations

• Mitchell Mills Road is planned to be a 4-lane, Raised Median-divided section with curb & gutter, bike lanes, and sidewalks.

Collector Recommendations

• At the far northern tip of the subject property, an east/west Collector roadway is identified. As demonstrated in the Concept/Sketch Plan (Attachment 5), the Applicant is proposing a more southern route for this roadway, moving it away from the environmental features (Harris Creek) further to the north, and bringing it closer to Mitchell Mill, where it can serve as a more near-by parallel roadway to the Arterial that Mitchell Mill will eventually function as. This more southern route aligns more so with a similar alignment approved with MA 22-06, 5109 Mitchell Mill Road, which when built will connect to Jonesville Road west of this subject property/project.

Intersection Recommendations

- There are no intersection recommendations associated with the subject property.
- The closest intersection recommendations are located at Mitchell Mill and Rolesville Roads, for an intersection realignment.

Greenway and Bike Plans

As per the 2022 Greenway and Bike Plans, proposed pedestrian routes are shown in the following locations:

- A ten foot (10') greenway is shown on the northern end of the property, on the south side of Harris Creek.
- A ten foot (10') side path is illustrated on the north side of Mitchell Mill Road.
- Bicvcle lane within Mitchell Mill Road.

Consistency

The Applicant's rezoning request is consistent with the Town of Rolesville's Comprehensive Plan for the following reasons:

- The proposed single family detached residential housing type fits the Medium Density Residential land use description.
- The proposed vehicular circulation network will enhance or establish Thoroughfare and Collector connections, respectively, as recommended by the Town's Community Transportation Plan.
- The proposed greenways will establish pedestrian connections as recommended by Rolesville's Greenway Plan.

Traffic

Traffic Impact Analysis

The consulting firm, DRMP, performed the Traffic Impact Analysis (TIA) for this project on behalf of the Town; the study analyzed the development of 220 single family detached lots. Site access is proposed via two full movement driveway connections to Mitchell Mill Road. The TIA for this proposed development was originally sealed on May 19, 2022 and approved by NCDOT. The Town of Rolesville requested the TIA be updated to match the rezoning Concept Site Plan

changes that resulted in a lower trip generation. The updated TIA was sealed on February 29, 2024, and this TIA updates the analysis using the new trip generation.

		Site	e Trip Generat	tion		
Land Use (ITE Code)	Intensity	Daily Traffic	AM Peak Hour Trips Enter	AM Peak Hour Trips Exit	PM Peak Hour Trips Enter	PM Peak Hour Trips Exit
Single Family Housing (210)	220 Dwelling Units	2,084	38	115	131	78

Three (3) intersections were studied for capacity analysis and Level of Service (LOS) impact of this development – US 401 Bypass and Jonesville Road; US 401 Bypass and Eastern U-turn location; Mitchell Mill Road and Jonesville Road / Peebles Road.

TIA Summary – Intersection Improvements			
Recommendations			
Required Frontage Improvements per Rolesville Community Transportation Plan (CTP)	 Widen one-half section of Mitchell Mill Road along the site frontage to this roadway's ultimate section (4-lane Median [raised] divided. 		
US 401 Bypass and Jonesville Road	 Conduct a full signal warrant analysis prior to Full Build- out of the proposed development and install a traffic signal if warranted and approved by NCDOT and Town. 		
Mitchell Mill Road and Jonesville Road / Peebles Road	 Construct a south-bound (Jonesville Rd) left-turn lane with at least 100 feet of storage and appropriate decel and taper. It should be noted that this improvement was also identified by the 5109 Mitchell Mill Rd TIA. 		
	 Construct a westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper. 		
	 Conduct a full signal warrant analysis prior to Full Build- out of the proposed development and install a traffic signal if warranted and approved by NCDOT and Town. 		
Mitchell Mill Road and Site Access 1	 Construct the southbound approach (Site Access 1) as a right-in/right-out with one ingress lane and one egress lane. 		
	 Provide stop control for the southbound approach (Site Access 1). 		
	 Construct a concrete median on Mitchell Mill Road that restricts access to right-in/right-out. 		
Mitchell Mill Road and Site Access 2	Construct the southbound approach (Site Access 2) with one ingress lane and one egress lane.		

 Provide stop control for the southbound approach (Site Access 2).
 Construct the westbound (Mitchell Mill Road) right-lane with at least 100 feet of storage and appropriate decel and taper.

Development Review

The Technical Review Committee (TRC) reviewed one version of this current Rezoning application (but approximately five full reviews of the two other Applications prior to this), with all comments pertinent to the consideration of the proposed districts and the general development plan being resolved. Note that this does not mean that all LDO subdivision and/or site development regulations have been demonstrated, as the attached Concept Site Plan is only a conceptual plan, and not an engineered and dimensioned layout.

Staff Recommendation

Staff recommends approval of Rezoning request REZ-24-02. The proposed housing type is consistent with the Comprehensive Plan Future Land Use Map, and the Applicant's efforts to revise the Site Concept Plan to better fit the Town of Rolesville's current policy direction of where or where not to locate townhomes is noted. (The proposed Site Concept Plan includes single family detached lots only; prior plans for MA-22-01 and REZ-23-03 included townhome lots.)

Further review of the proposed Conditions of Approval may occur prior to the Town Board of Commissioners' review to improve their future implementation.

Proposed Motion

Motion to recommend (approval or denial, along with mention of consistency or inconsistency with the Comprehensive Plan) to the Town Board of Commissioners of Rezoning request REZ-24-02 – Hills at Harris Creek.

Attachments

1	Vicinity Map
2	Zoning Map
3	Future Land Use Map
4	Map Amendment Application
5	Concept Site Plan and Recreational Amenities Plan
6	Proposed Conditions of Approval
7	Neighborhood Meeting Package
8	Traffic Impact Analysis (TIA) sealed dated February 29, 2024

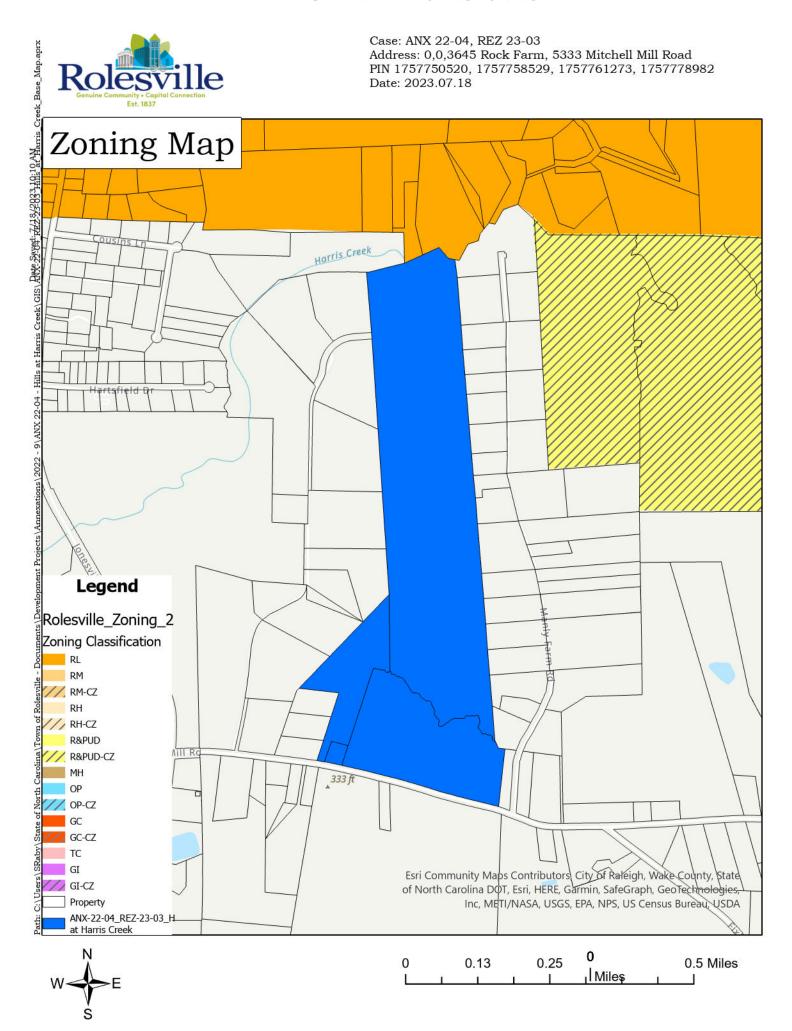


Case: ANX 22-04, REZ 23-03

Address: 0,0,3645 Rock Farm, 5333 Mitchell Mill Road PIN 1757750520, 1757758529, 1757761273, 1757778982

Date: 2023.07.18



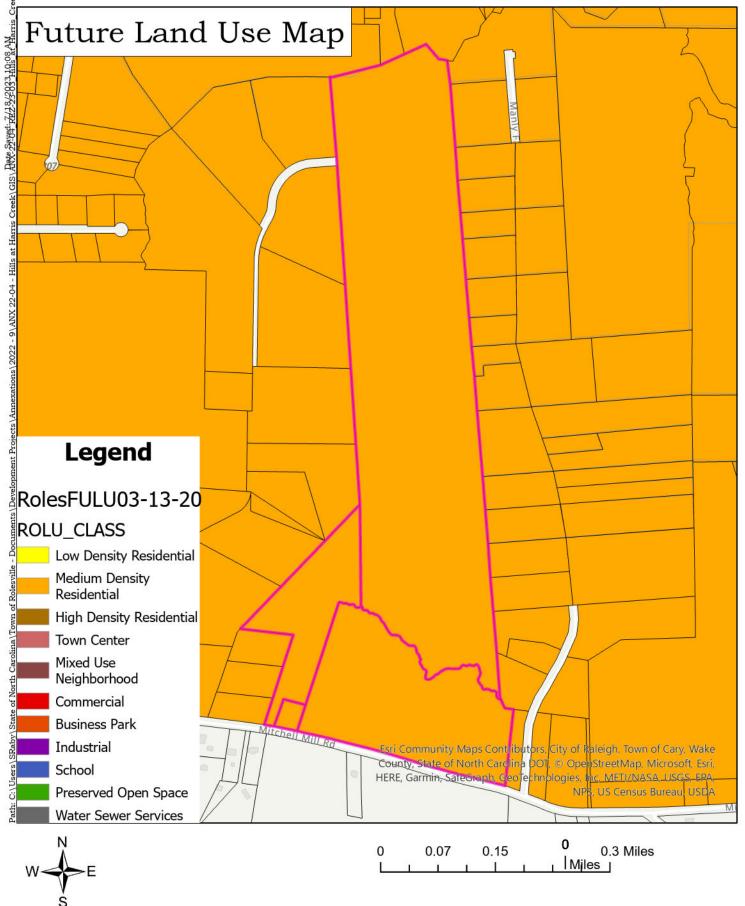




Case: ANX 22-04, REZ 23-03

Address: 0,0,3645 Rock Farm, 5333 Mitchell Mill Road PIN 1757750520, 1757758529, 1757761273, 1757778982

Date: 2023.07.18





Contact Information Property Owner Alan & Randy Watkins // Laura and Randall Watkins // Ellis Land Investment Company, LLC Address 305 Church at North Hills Street, Suite 1110 City/State/Zip Raleigh NC 27609 Phone 919-824-6088 Email jason@ellisdevgroup.com Developer Ellis Developments NC, LLC Contact Name Jason Pfister Address 305 Church at North Hills Street, Suite 1110 City/State/Zip Raleigh, NC 27609 Phone 919-824-6088 Email jason@ellisdevgroup.com **Property Information** Address 5326 Mitchell Mill Rd Wake County PIN(s) 1757758529, 1757750520, 1757761273, 1757778982 Current Zoning District Wake R30 Requested Zoning District RM-CZ Total Acreage 115.44 **Owner Signature** I hereby certify that the information contained herein is true and completed. I understand that if any item is found to be otherwise after evidentiary hearing before the Town Board of Commissioners, that the action of the Board may be invalidated. Date 17th For 24 Signature STATE OF NORTH CAROLINA COUNTY OF WAKE I, a Notary Public, do hereby certify that Stephen Ellis, Manager of Ellis Land Investment Company, LLC personally appeared before me this day and acknowledged the due execution of the foregoing instrument. This day of February the 12th 2024 My commission expires 1/7/2028 Signature

Town of Rolesville Planning

PO Box 250 / Rolesville, North Carolina 27571 / Rolesville NC.gov / 919.554.6517



Case No	
Date	

Contact Information	
Property Owner Alan & Randy Watkins // Laura and Randall	Watkins // Ellis Land Investment Company, LLC
Address 305 Church at North Hills Street, Suite 1110	City/State/Zip Raleigh NC 27609
Phone 919-824-6088	Email_jason@ellisdevgroup.com
Developer Ellis Developments NC, LLC	
Contact Name Jason Pfister	
Address 305 Church at North Hills Street, Suite 1110	City/State/Zip Raleigh, NC 27609
Phone 919-824-6088	Email_jason@ellisdevgroup.com
Property Information	
Address 5326 Mitchell Mill Rd	
Wake County PIN(s) 1757758529, 1757750520, 175	7761273, 1757778982
Current Zoning District Wake R30	Requested Zoning District RM-CZ
Total Acreage 115.44	
A STREET OF THE PARTY OF THE PA	n is true and completed. I understand that if any item is re the Town Board of Commissioners, that the action of the
190	
STATE OF NORTH CAROLINA	
COUNTY OF WAKE	
I, a Notary Public, do hereby certify that	WATKINS - Romenil Workins
personally appeared before me this day and acknow	wledged the due execution of the foregoing instrument. This day of
My commission expires Signature Town of R	day of
PO Box 250 / Rolesville, North Carol	lina 27577 RolesvilleNC gov / 919.554.6517



Case	No
Date	

Contact Information		
Property Owner Alan & Randy Watkins // Laura and Randall Watt	cins // Ellis Land Investment Company, LLC	
Address 305 Church at North Hills Street, Suite 1110	City/State/Zip Raleigh NC 27609	
Phone 919-824-6088	Email jason@ellisdevgroup.com	
Developer Ellis Developments NC, LLC		
Contact Name Jason Pfister		
Address 305 Church at North Hills Street, Suite 1110	City/State/Zip Raleigh, NC 27609	
Phone 919-824-6088	Email jason@ellisdevgroup.com	
Property Information		
Address 5326 Mitchell Mill Rd		
Wake County PIN(s) 1757758529, 1757750520, 175776	1273, 1757778982	
Current Zoning District Wake R30	Requested Zoning District RM-C	Z
Total Acreage 115.44	•	
Owner Signature I hereby certify that the information contained herein is found to be otherwise after evidentiary hearing before to Board may be invalidated.	he Town Board of Commissioners	
Signature War Walkers' Many history STATE OF NORTH CAROLINA COUNTY OF WAICE		, ,
I, a Notary Public, do hereby certify that Alm Us		
personally appeared before me this day and acknowled	ged the due execution of the fore	
the 97"	day of tearing	20 24 .
My commission expires	AND A C. PAISH	
Signature	Notary Public Seal Wake County	
Town of Roles PO Box 250 / Rolesville, North Carolina	275714 Rolesville NC. gov / 919.5	54.6517
V	Thumannin .	



Metes and Bounds Description of Property				



ezoning Justification	



Property Owner Information

Wake County PIN	Property Owner	Mailing Address	Zip Code

Metes and Bounds report for Hills at Harris Creek Parcel

Beginning at an iron pipe, with North Carolina Grid Coordinates using NAD83 (2011) of Northing 775,443.03' and an Easting 2,156,848.70', the true point of beginning, thence,

N19°37'29"E for a distance of 190.11' to a point, thence

N18°40'39"E for a distance of 227.11' to a point, thence

N19°31'15"E for a distance of 230.79' to a point, thence

N83°06'35"W for a distance of 376.14' to a point, thence

N43°56'42"E for a distance of 1,191.02' to a point, thence

N03°44'09"W for a distance of 2,728.43' to a point, thence

N03°44'09"W for a distance of 235.15' to a point, thence

N75°53'40"E for a distance of 340.47' to a point, thence

N65°27'07"E for a distance of 350.10' to a point, thence

S40°38'56"E for a distance of 133.25' to a point, thence

S80°06'11"E for a distance of 62.70' to a point, thence

S04°46'37"E for a distance of 4,426.22' to a point, thence

S24°08'12"E for a distance of 83.90' to a point, thence

S00°25'56"E for a distance of 530.78' to a point, thence

N71°34'19"W for a distance of 6.89' to a point, thence

Around a curve to the left with a radius of 730.00', a length of 54.41', a chord bearing of N73°42'26"W and chord distance of 54.39' to a point, thence

Around a curve to the right with a radius of 12,981.80', a length of 667.56', a chord bearing of N75°02'09"W, and a chord distance of 667.49' to a point, thence

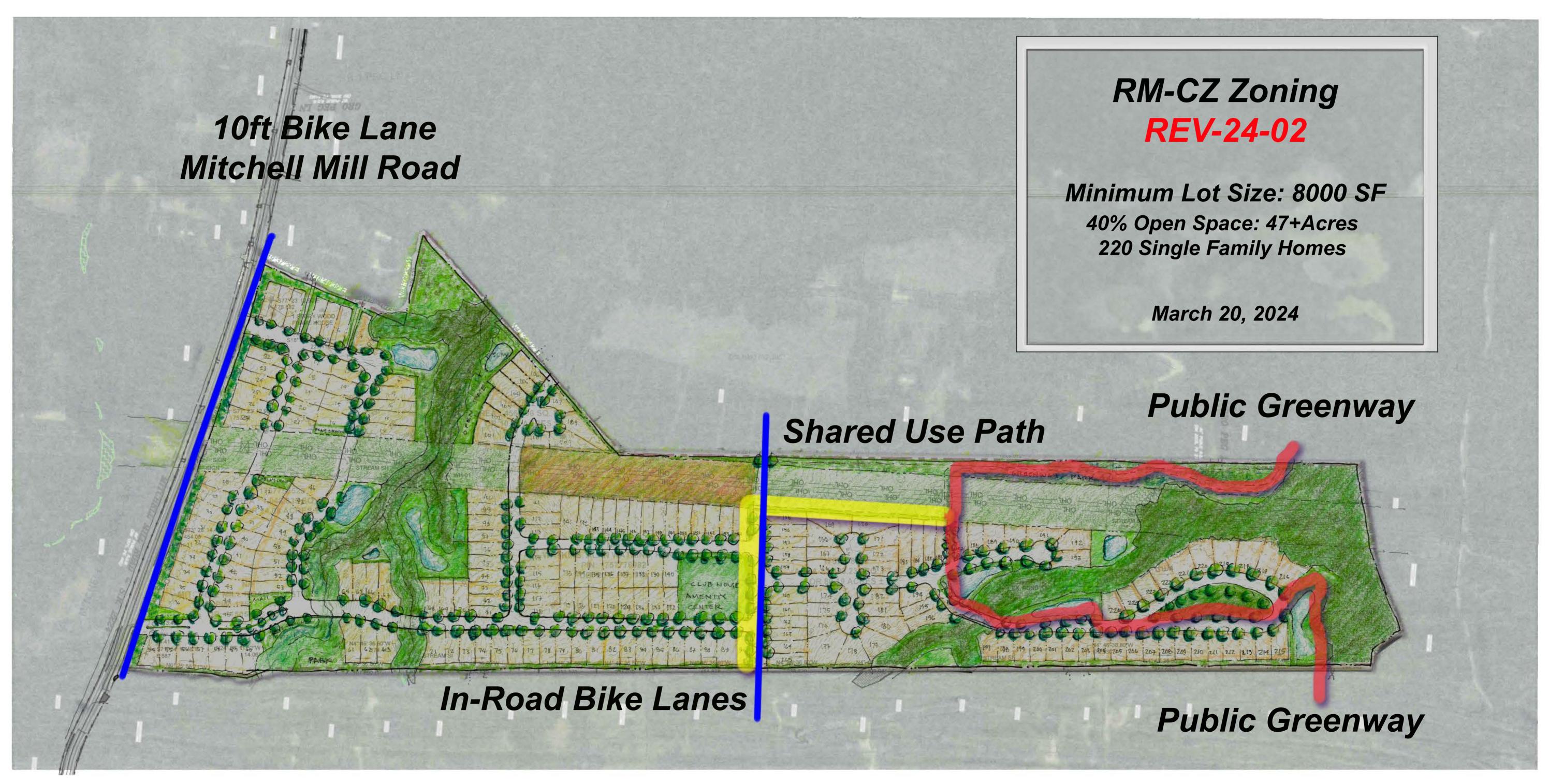
Around a curve to the left with a radius of 11,030.00', a length of 753.92', a chord bearing of N75°25'44"W, and a chord distance of 753.77' to a point, thence

N77°23'13"W for a distance of 103.54' to a point, thence

Around a curve to the left with a radius of 1,229.93', a length of 86.32', a chord bearing of N79°23'51"W, and a chord distance of 86.30' to a point, thence

N78°33'23"W for a distance of 60.60' to the point and place of beginning. For a total of 5,029,708.11 square feet or 115.466 acres.

EXHIBIT ONE CONCEPT SKETCH PLAN



Hills at Harris Creek







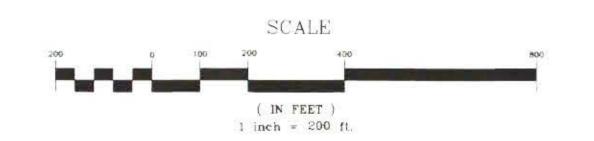
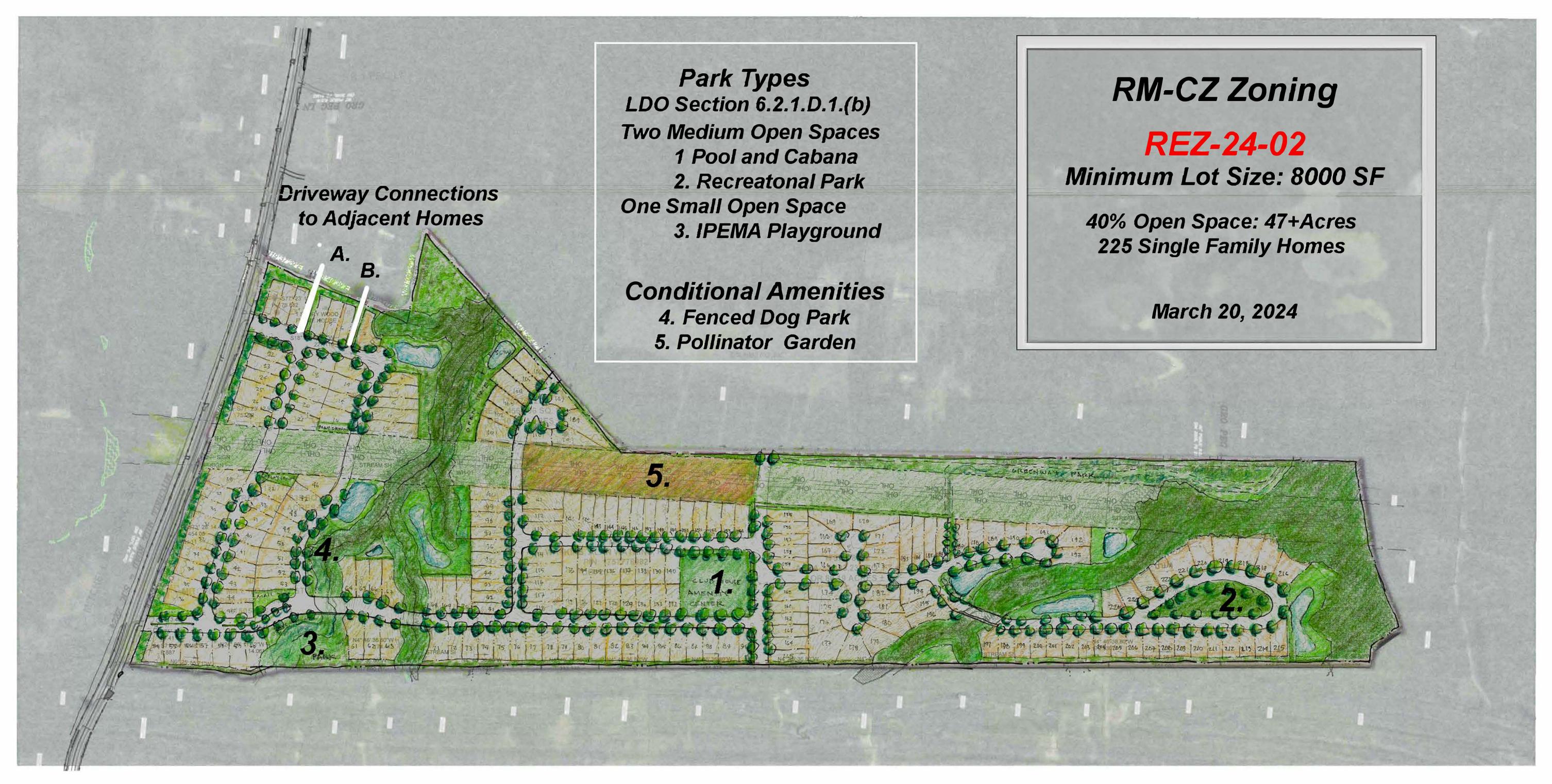


EXHIBIT TWO RECREATIONAL AMENITIES PLAN



Hills at Harris Creek







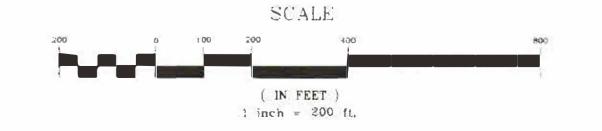


Exhibit Three

REZ-24-02/Hills at Harris Creek

March 19, 2024

Conditions of Approval

Conditions Applicable to the entire property:

- 1. The subject property shall be developed generally in accordance with the Concept Sketch Plan attached hereto as Exhibit One and incorporated herein as if fully set out. Locations shown for committed elements including, but not limited to greenways, streets, and open areas shown on the Concept Plan, are conceptual and provided for illustration and context only. Final locations of elements shall be determined at subsequent stages of approval.
- 2. The improvements described herein may be developed in phases in accordance with a phasing plan approved by the Town of Rolesville.
- 3. The property shall be rezoned to a Residential Medium Density Conditional Zoning (RM-CZ) District and may be developed with up to a maximum of 225 single family detached dwelling units.
- 4. <u>Affordable Housing</u>: Prior to the first residential dwelling unit building permit issuance, the property owner shall donate Twenty Thousand Dollars and No Cents (\$20,000.00) to Homes for Heroes (or another non-profit organization with a substantially similar mission statement).
- 5. <u>Pollinator Plantings</u>: At least four acres of the landscaping planted within the Duke Energy power line easement on the subject property shall utilize plant materials that are listed as Native Pollinator Plants on North Carolina Wildlife Federation ("NCWF") or other resources for native plants recommended by the NCWF. Where evergreen plantings or street trees are required by the Rolesville Land Development Ordinance as the same may be amended from time to time, pollinator plantings shall not be required. Nothing herein shall be construed to limit the plant materials permitted on individual residential lots.
- 6. Recreational Amenities: The following recreational amenities shall be provided generally as shown on the Recreational Amenities Plan attached hereto Exhibit Two as a part of the development of the subject property and dedicated to the community's homeowner's association except for those areas offered to and accepted by the Town of Rolesville:
 - A swimming pool and cabana, including changing rooms and restrooms shall be constructed prior to the 150th residential dwelling unit building permit issuance;
 - b. At least one fenced playground shall be constructed prior to the 150th residential dwelling unit building permit issuance;
 - c. At least one fenced dog park shall be constructed prior to the 150th residential dwelling unit building permit issuance;
 - d. At least one (1) garden park shall be provided prior to the 200th residential dwelling unit building permit issuance.
- 7. <u>Transportation Improvements</u>: The property owner shall install all required roadway and transportation improvements set forth in the Traffic Impact Analysis report associated with this project in order to address the transportation impacts reasonably expected to be generated by the development. All transportation improvements shall be installed in accordance with future phasing plans approved by the Town. While it is

anticipated that the improvements contemplated by this condition will be clarified by a formal development agreement, reimbursement agreement, or other written agreement between the property owner and the Town, the absence of such a subsequent written agreement shall not be deemed to invalidate this condition. Notwithstanding the foregoing, the Town acknowledges that some of the potential traffic improvements set forth in the Traffic Impact Analysis report associated with this project are also contemplated by and included in other Traffic Impact Analysis reports for unrelated development projects in the general area of this project ("Nearby Projects"). Nothing contained within this condition shall be construed to limit or hamper the property owner's ability to enter into agreements with the owners of those Nearby Projects to share the costs of any roadway and transportation improvements set forth in the Traffic Impact Analysis report associated with this project.

- 8. <u>Foundations</u>: All homes shall include either crawl space foundations or stem wall foundation. Any stem wall foundations shall have an average of at least eighteen inches (18") in height across the front facade of the home. There shall be no exposed concrete on any portion of the stem wall foundation on any side of the home facing a public street. Compliance with this condition shall be demonstrated by noting the following on the plans submitted with the residential building permit application: i) the average stem wall height for the front façade of the stem wall foundation, and ii) the building materials to be used (stone veneer or brick) on the stem wall foundation façade on any side of the home facing a public street.
- 9. Each single family detached dwelling shall contain a minimum gross building square footage of 2,000 square feet.
- 10. <u>Driveway Access to Neighboring Properties</u>: Two private driveways (shown as Driveway A and Driveway B on the attached Exhibit One) shall be constructed to connect the property to the two adjacent properties (identified as Wake County PIN's 1757657746 & 1757658917) that currently access Mitchell Mill Road via the private road known as Rock Farm Road (the "Rock Farm Road Properties"). Rock Farm Road will be abandoned and removed in connection with the development of the property. As such, the property owner shall grant access easements to the Rock Farm Road Properties to provide ingress/egress to the Rock Farm Road Properties through Driveway A and Driveway B prior to the abandonment and removal of Rock Farm Road.
- 11. Greenway and Shared Use Path: The property owner shall construct a 10' wide multiuse path (labeled as the Shared Use Path on the attached Exhibit One) which shall be constructed to connect to the 10' wide public greenway path (labeled as the Public Greenway on the attached Exhibit One). The property owner shall grant an easement to the Town to allow the Town to perform maintenance and repair of the Shared Use Path and the Public Greenway. Upon completion of the Shared Use Path, the Town shall be solely responsible for any required repair and/or maintenance of the Shared Use Path at the Town's sole cost and expense.

The proposed rezoning, of the parcels described above, is made in concert with careful consideration of the Rolesville Comprehensive Plan 2017. The Future Land Use Map designates these parcels as Medium Density Residential, and we believe the Residential Medium Density Conditional Zoning (RM-CZ) zone would allow the best variety of housing types to meet this objective while integrating seamlessly with the surrounding community. The varied housing types appeal to a various income levels while still maintaining the appeal and quality that is consistent with the planned development of the surrounding areas. The proposed rezoning has been designed to ensure efficient development within the Town and incorporates public facilities such as the integrated Greenway and bike pathways in order to increase and expand transportation opportunities within the Town in a safe and efficient manner. The Applicant has coordinated several design aspects of this project with the developers of the Reserve at Mitchell Mill (MA-22-06) in order to ensure that both projects are developed and constructed in a logical and orderly manner. The applicant has also designed the project in order to minimize any adverse environmental impacts. In particular, the applicant has designed the route of the Greenway to avoid and minimize impacts on the natural wetlands found on the property and surrounding areas and also proposes a pollinator garden to support native pollinator populations.

In total, the proposed rezoning is consistent with the goals of the Rolesville Comprehensive Plan 2017 and is not in conflict with and provisions of the Town's Land Development Ordinance. The proposed reasonable and in the public interest. We request your support for the proposed zoning.

NEIGHBORHOOD MTG PACKAGE



305 Church at North Hills Street, Suite 1110 Raleigh, NC 27609

Notification of Neighborhood Meeting for Pending Rezoning



You have received this notice because you own property near where an application to rezone or subdivide property has been filed. This notice is to inform you of an upcoming public meeting on this proposed rezoning.

Dear Property Owner:

Please be advised that a formal application has been submitted to amend the zoning classification for four properties (Wake County Property Identification Numbers 1757750520, 1757758529, 1757761273, and 1757778982) located at 5326 Mitchell Mill Road in Rolesville. The project consists of approximately 115.94 acres which is currently zoned R-30: Residential. The parcels are currently zoned under the development jurisdiction of Wake County. However, Ellis Developments Group has also filed a pending annexation application (ANX 24-01) to annex the parcels into the town limits of Rolesville.

Ellis Developments Group has applied to rezone the parcels to RM-CZ (Residential Medium Density Conditional Zoning) to allow for the construction of up to 225 single family detached homes. We believe the proposed rezoning at this location is consistent with the Town of Rolesville Future Land Use Map which calls for medium density residential in this area.

In compliance with the requirements of the Town of Rolesville's Land Development Ordinance Code, a Neighborhood Meeting will be held to provide you with an opportunity to review a conceptual plan for the project and to give you an opportunity to ask any questions you may have about the project.

The Neighborhood Meeting will be held on Monday, March 18, 2024 from 6:30-7:30 p.m. at the Rolesville Community Center located at 514 Southtown Circle, Rolesville, NC 27571. Should you have questions prior to the meeting, please feel free to contact me via telephone at 919-824-6088 or email at jason@ellisdevgroup.com.

Sincerely,

Jason Pfister
Vice President of Development

COMMUNITY MEETING SIGN-IN SHEET					
Project:	Hills at Harris Creek REZ-24-02	Meeting Date:	March 18, 2024		
Applicant:	Ellis Developments Group	Location:	Rolesville Community Center		

Name	Address	Phone	E-Mail
Mike Letrancois	3717 many Farm Rel Wake Forest me 27567	919812-	Mik Lefoncos @ Bell south. net
Lee Bentler	Donel who Facet he	919-266 3071	LeeBeatin @ and
Steve LEFrancos	27587 3737 MANUI FORM PD Vake Gorest 27587	919-349-1817	
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Hills at Harris
Creek:
Neighborhood
Meeting

March 18, 2024
Rolesville Community Center





About Us



Who are We?

 Ellis Developments Group – Land Acquisition and Development Company

Where are We?

- Headquarters in Raleigh with an office in Charlotte
- Projects throughout the Carolinas

What is our Role?

- Develop and deliver high-quality residential development projects that meet demand for growth
- Foster relationships with landowners, municipalities, and community members to develop projects that enhance communities Develop and deliver high quality residential development projects that enhance communities and meet demand for growth



Proposed Rezoning

Current Status

- Rural residential land
- Acreage: 115.94 acres
- Current Zoning: Wake County R-30 (allows approximately 75 lots)

Proposed Changes

- Zoning Change to Residential Medium Density Conditional Zoning
- Proposed construction of 225 single family homes with minimum 8000 sf lots (Under 2 units/acre)



Site Plan





Updates Since Prior Meeting

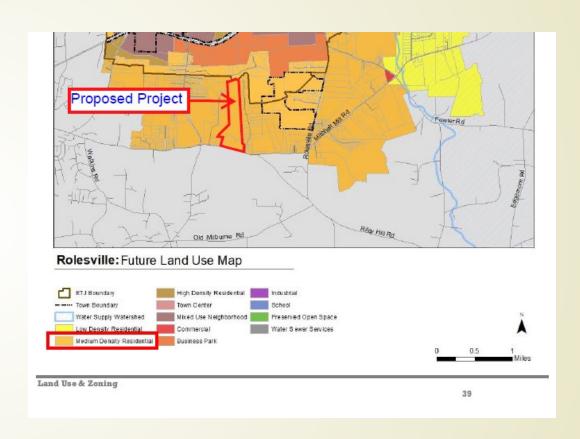
- Reduced units from 267 total homes to 225 homes
- Removed townhomes and commercial parcel
- Maintains all prior traffic improvements to minimize impacts and improve traffic flows
- Greenway trail expanded and integrated into amenity center
- Reduced density and higher price point for tax base



Comprehensive Plan 2017

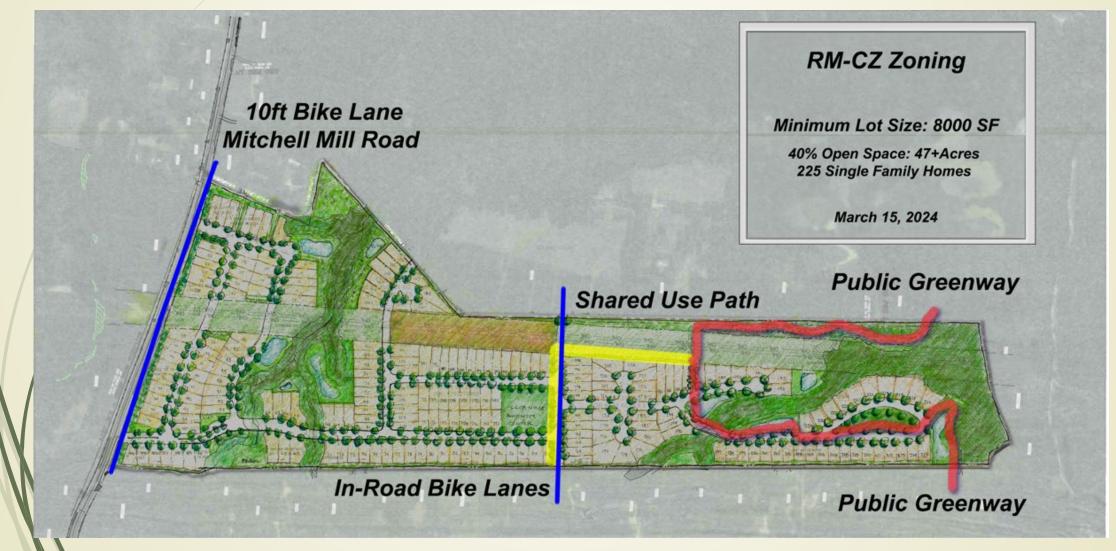
Rezoning Proposal:

- Consistent with Comprehensive Plan
 - Future Land Use Map designates these parcels at Medium Density Residential
 - Consistent with residential character of adjacent properties





Greenway Plan





Greenway Trails







Recreational Amenities Plan





Community Pool and Cabana







Dog Park







Pollinator/Wildflower Garden







Landscaped Boulevard Streetscapes







Benefits of Proposed Rezoning

- Preserves and maximizes open space (40%)
 - Multiple parks; pollinator garden
- Variety of housing types and price points
- Improved connectivity and traffic flow
- Increased tax base for town



Site Plan



Hills at Harris Creek Neighborhood Meeting Report

Ellis Developments Group (EDG) hosted an informational meeting for the proposed project on March 18, 2024 at the Rolesville Community Center. Three neighboring residents attended the meeting, all of which had attended the neighborhood meetings for the prior rezoning (attendance sheet attached). During the meeting, EDG presented an overview of the updates to the proposed project compared to the prior rezoning request and provided the attendees with an opportunity to ask questions and express any concerns about the project. More specifically, the following topics were discussed in detail:

Process and timeline

 Overview of the rezoning process and upcoming hearings, as well as overall anticipated construction timeline.

Future Land Use Map

- Explained goals and rationale behind Future Land Use Map and specifically what is allowed in Medium Density Residential
- o Explained how this project is consistent with FLUM designation for this area of Town

Overview of project

- Unit mix, overall goal for neighborhood look and feel
 - 225 SF homes
 - Density: less than units/acre
- Buffers/preservation of existing trees or natural areas
 - 25' landscaped buffer
- Described amenities green space design/walkability of community

Well integrity/blasting

- Residents raised concerns about rock blasting near their homes and potential damage to wells servicing their homes
- EDG committed to ensuring that blasting contractor is sufficiently insured/bonded and steps will be taken to ensure that wells will be protected
 - Any damage caused by blasting would be liability of EDG or its subcontractors

Traffic

- o EDG responsible for all traffic improvements called for in the TIA
- Measures to control traffic including traffic calming boulevard entrance



TRAFFIC IMPACT ANALYSIS

FOR

HILLS AT HARRIS CREEK

LOCATED

IN

ROLESVILLE, NORTH CAROLINA

Prepared For:

TOWN OF ROLESVILLE 502 Southtown Circle Rolesville, NC 27571

FEBRUARY 2024

DRMP Project No. 20498 - 005

Prepared By: MW

Reviewed By: <u>AE</u>



TRAFFIC IMPACT ANALYSIS

FOR

HILLS AT HARRIS CREEK

LOCATED IN

ROLESVILLE, NORTH CAROLINA



Prepared For:

Town of Rolesville 502 Southtown Circle Rolesville, NC 27571

Prepared By:

DRMP, Inc.

License #F-1524

TRAFFIC IMPACT ANALYSIS HILLS AT HARRIS CREEK

Rolesville, North Carolina

EXECUTIVE SUMMARY

1. Development Overview

A Traffic Impact Analysis (TIA) was conducted for the proposed Hills at Harris Creek development in accordance with the Town of Rolesville (Town) Unified Development Ordinance (UDO) and North Carolina Department of Transportation (NCDOT) capacity analysis guidelines. The proposed development is to be located north of Mitchell Mill Road, west of Manly Farm Road, and east of Gro Peg Lane in Rolesville, North Carolina. The proposed development, anticipated to be completed in 2027, is assumed to consist of 220 single-family homes. Site access is proposed via two (2) full-movement driveway connections to Mitchell Mill Road. A TIA for this development was sealed on May 19, 2022 and approved by NCDOT. The Town requested the TIA be updated to match site plan changes that resulted in lower trip generation. This TIA updates the analysis using the new trip generation. No other scope changes were made from the previous TIA.

2. Existing Traffic Conditions

The study area for the TIA was determined through coordination with the North Carolina Department of Transportation (NCDOT) and the Town of Rolesville (Town) and consists of the following existing intersections:

- US 401 Bypass and Jonesville Road
- US 401 Bypass and Eastern U-Turn Location
- Mitchell Mill Road and Jonesville Road / Peebles Road

Existing peak hour traffic volumes were determined based on traffic counts conducted at the study intersection listed above, in November of 2021 during typical weekday AM (7:00 AM – 9:00 AM) and PM (4:00 PM – 6:00 PM) peak periods, while schools were in session for in-person learning.



Previously collected counts from the year 2021 were projected to the 2022 existing analysis year using a compounded annual growth rate of 2%. Weekday AM and PM traffic volumes were balanced between study intersections, where appropriate.

3. Future Traffic Conditions

Through coordination with the NCDOT and the Town, it was determined that an annual growth rate of 2% would be used to generate 2027 projected weekday AM and PM peak hour traffic volumes. the following adjacent developments were identified to be included as an approved adjacent development in this study:

- Cobblestone Crossing Mixed-Use
- Young Street PUD
- Wheeler Tract
- Louisbury Road Assemblage
- Kalas / Watkins Family Property

4. Site Trip Generation

Average weekday daily, AM peak hour, and PM peak hour trips for the proposed development were estimated using methodology contained within the ITE Trip Generation Manual, 11.1th Edition. Table E-1 provides a summary of the trip generation potential for the site.

Table E-1: Site Trip Generation

Land Use (ITE Code)	Intensity	Daily Traffic (vpd)	Weekday AM Peak Hour Trips (vph)		Weekday PM Peak Hour Trips (vph)	
			Enter	Exit	Enter	Exit
Single-Family Housing (210)	220 DU	2,084	38	115	131	78

To estimate traffic conditions with the site fully built-out, the total site trips were added to the 2027 no-build traffic volumes to determine the 2027 build traffic volumes. The study analyzes traffic conditions during the weekday AM and PM peak hours for the following scenarios:

- 2023 Existing Traffic Conditions
- 2027 No-Build Traffic Conditions
- 2027 Build Traffic Conditions



5. Capacity Analysis Summary

The analysis considered weekday AM and PM peak hour traffic for 2022 existing, 2027 nobuild, and 2027 build conditions. Refer to Section 7 of the TIA for the capacity analysis summary performed at each study intersection.

6. Recommendations

Based on the findings of this study, specific geometric and traffic control improvements have been identified at study intersections. The improvements are summarized below and are illustrated in Figure E-1.

Recommended Improvements by Developer

Required Frontage Improvements per Rolesville Community <u>Transportation Plan</u>

 Widen one-half section of Mitchell Mill Road along the site frontage to this roadway's ultimate section (4-lane median divided).

US 401 Bypass and Jonesville Road

 Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by the NCDOT and the Town.

US 401 Bypass and Easten U-Turn Location

 Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by the NCDOT and the Town.

Mitchell Mill Road and Jonesville Road / Peebles Road

- Construct a southbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
 - It should be noted that this improvement was also identified by the 5109
 Mitchell Mill Road TIA.
- Construct a westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.



 Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by NCDOT and the Town.

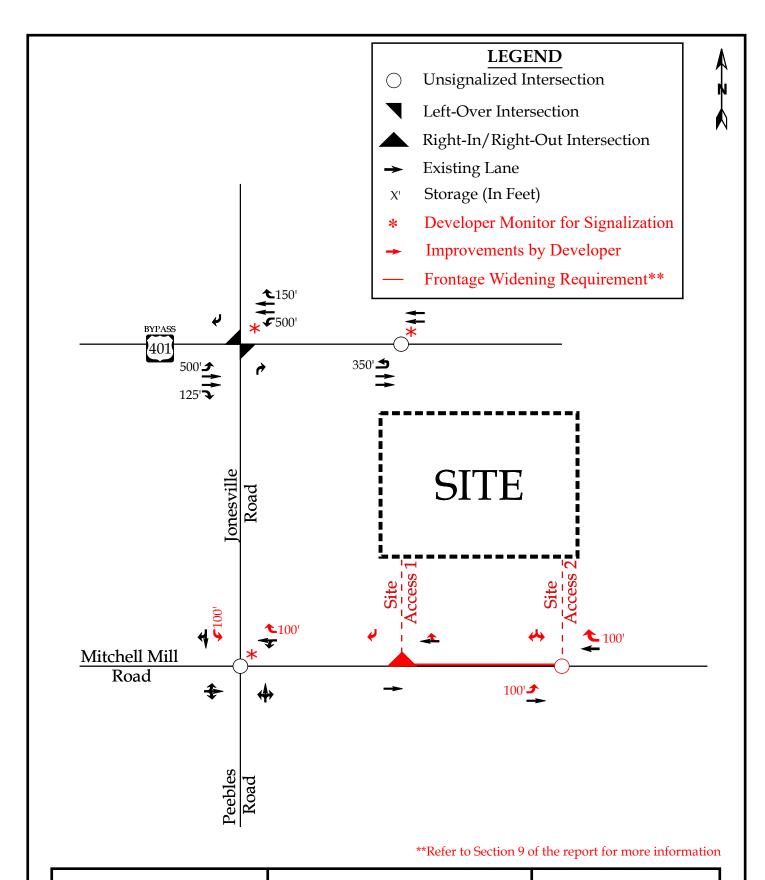
Mitchell Mills Road and Site Access 1

- Construct the southbound approach (Site Access 1) as a right-in/right-out with one ingress lane and one egress lane.
- Provide stop-control for the southbound approach (Site Access 1).
- Construct a concrete median on Mitchell Mill Road that restricts access to rightin/right-out.

Mitchell Mill Road and Site Access 2

- Construct the southbound approach (Site Access 2) with one ingress lane and one egress lane.
- Provide stop-control for the southbound approach (Site Access 2).
- Construct an eastbound (Mitchell Mill Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
- Construct a westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.







Recommended Lane Configurations

Scale: Not to Scale Figure E-1

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TECHNICAL APPENDIX

Appendix A: Scoping Documentation

Appendix B: Traffic Counts

Appendix C: Adjacent Development Information

Appendix D: Capacity Calculations – US 401 Bypass & Jonesville Road

Appendix E: Capacity Calculations – US 401 Bypass & Eastern U-Turn Location

Appendix F: Capacity Calculations – Mitchell Mill Road & Jonesville Road / Peebles Road

Appendix G: Capacity Calculations – Mitchell Mill Road & Site Access 1

Appendix H: Capacity Calculations – Mitchell Mill Road & Site Access 2

Appendix I: Turn Lane Warrants

Appendix J: MUTCD / ITRE Signal Warrant Analysis



TRAFFIC IMPACT ANALYSIS

HILLS AT HARRIS CREEK Rolesville, North Carolina

1. INTRODUCTION

The contents of this report present the findings of the Traffic Impact Analysis (TIA) conducted for the proposed Hills at Harris Creek development in Rolesville, North Carolina. The proposed development, anticipated to be completed in 2027, is located north of Mitchell Mill Road, west of Manly Farm Road, and east of Gro Peg Lane in Rolesville, North Carolina. The purpose of this study is to determine the potential impacts to the surrounding transportation system created by traffic generated by the proposed development, as well as recommend improvements to mitigate the impacts.

The proposed development, anticipated to be completed in 2027, is assumed to consist of 220 single-family housing units.

The study analyzes traffic conditions during the weekday AM and PM peak hours for the following scenarios:

- 2022 Existing Traffic Conditions
- 2027 No-Build Traffic Conditions
- 2027 Build Traffic Conditions

1.1. Site Location and Study Area

The development is proposed to be located north of Mitchell Mill Road, west of Manly Farm Road, and east of Gro Peg Lane in Rolesville, North Carolina. Refer to Figure 1 for the site location map.

The study area for the TIA was determined through coordination with the North Carolina Department of Transportation (NCDOT) and the Town of Rolesville (Town) and consists of the following existing intersections:

- US 401 Bypass and Jonesville Road
- US 401 Bypass and Eastern U-Turn Location
- Mitchell Mill Road and Jonesville Road / Peebles Road

1.2. Proposed Land Use and Site Access

The proposed development, anticipated to be completed in 2027, is assumed to consist of 220 single-family homes.

Site access is proposed via one (1) full-movement and one (1) right-in/right-out (RIRO) driveway connection along Mitchell Mill Road. Refer to Figure 2 for a copy of the preliminary site plan.

1.3. Adjacent Land Uses

The proposed development is located in an area consisting primarily of undeveloped land and residential development.

1.4. Existing Roadways

Existing lane configurations (number of traffic lanes on each intersection approach), speed limits, storage capacities, and other intersection and roadway information within the study area are shown in Figure 3. Table 1 provides a summary of this information, as well.

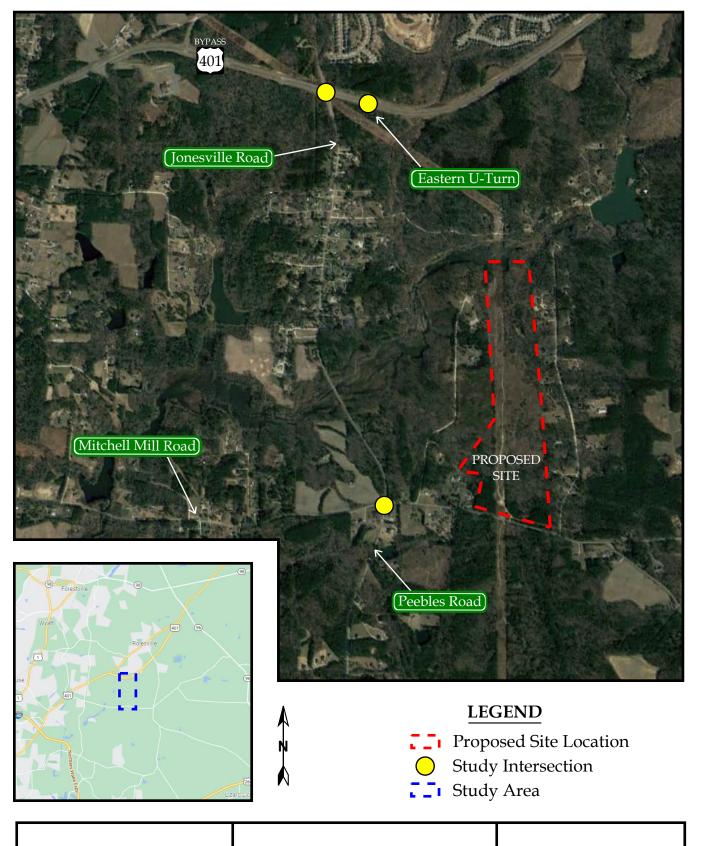


Table 1: Existing Roadway Inventory

Road Name	Route Number	Typical Cross Section	Speed Limit	2021 AADT (vpd)
US 401 Byp	ass	4-lane divided	55 mph	18,500
Jonesville Road	SR 2226	2-lane undivided	35 mph / 45 mph	2,210*
Mitchell Mill Road	SR 2224	2-lane undivided	45 mph	4,100
Peebles Road	SR 2929	2-lane undivided	45 mph	1,700*

^{*}ADT based on the traffic counts from 2022 and assuming the weekday PM peak hour volume is 10% of the average daily traffic.







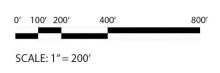
Hills at Harris Creek Rolesville, NC Site Location Map

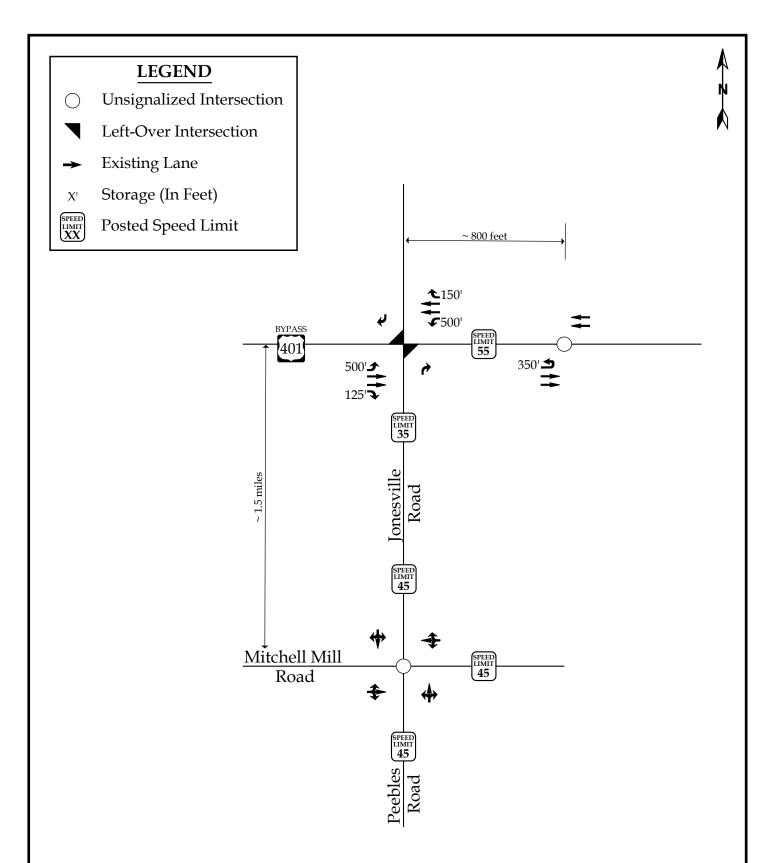
Figure 1

Scale: Not to Scale











Hills at Harris Creek Rolesville, NC 2022 Existing Lane Configurations

Scale: Not to Scale

Figure 3

2. 2022 EXISTING PEAK HOUR CONDITIONS

2.1. 2022 Existing Peak Hour Traffic Volumes

Existing peak hour traffic volumes were determined based on previously collected traffic counts conducted at the study intersections listed below, in November of 2021 during typical weekday AM (7:00 AM – 9:00 AM) and PM (4:00 PM – 6:00 PM) peak periods, while schools were in session for in-person learning:

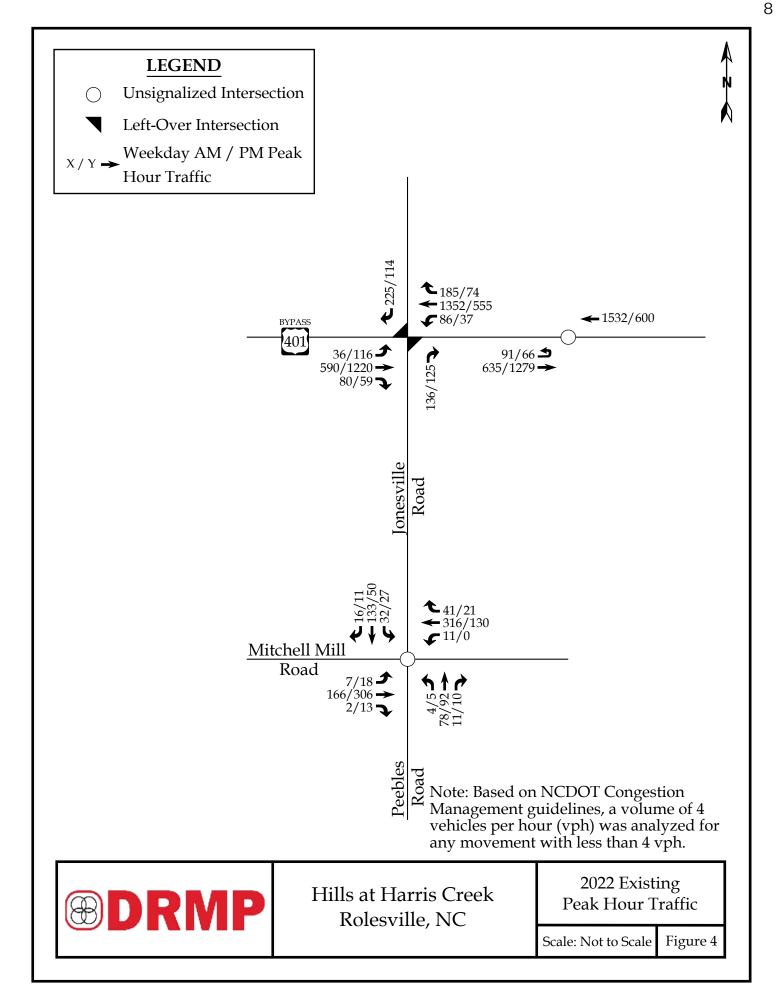
- US 401 Bypass and Jonesville Road
- US 401 Bypass and Eastern U-Turn Location
- Mitchell Mill Road and Jonesville Road / Peebles Road

Previously collected counts from the year 2021 were projected to the 2022 existing analysis year using a compounded annual growth rate of 2%. Weekday AM and PM traffic volumes were balanced between study intersections, where appropriate. Refer to Figure 4 for 2022 existing weekday AM and PM peak hour traffic volumes. A copy of the count data is located in Appendix B of this report.

2.2. Analysis of 2022 Existing Peak Hour Traffic Conditions

The 2022 existing weekday AM and PM peak hour traffic volumes were analyzed to determine the current levels of service at the study intersections under existing roadway conditions. The results of the analysis are presented in Section 7 of this report.





3. 2027 NO-BUILD PEAK HOUR CONDITIONS

In order to account for the growth of traffic and subsequent traffic conditions at a future year, no-build traffic projections are needed. No-build traffic is the component of traffic due to the growth of the community and surrounding area that is anticipated to occur regardless of whether the proposed development is constructed. No-build traffic is comprised of existing traffic growth within the study area and additional traffic created as a result of adjacent approved developments.

3.1. Ambient Traffic Growth

Through coordination with NCDOT and the Town, it was determined that an annual growth rate of 2% would be used to generate 2027 projected weekday AM and PM peak hour traffic volumes. Refer to Figure 5 for 2027 projected peak hour traffic.

3.2. Adjacent Development Traffic

Through coordination with the NCDOT and the Town, the following adjacent developments were identified to be included as an approved adjacent development in this study:

- Cobblestone Crossing Mixed-Use
- Young Street PUD
- Wheeler Tract
- Louisbury Road Assemblage
- Kalas / Watkins Family Property

Table 2, on the following page, provides a summary of the adjacent developments.



Table 2: Adjacent Development Information

Development Name	Location	Build-Out Year	Land Use / Intensity	TIA Performed
Cobblestone Crossing Mixed-Use	Northwest quadrant of the intersection of Main Street and Young Street	2023	180 multi-family homes 18,200 sq. ft. municipal flex space 50,000 sq. ft. general retail	March 2021 by RKA
Young Street PUD	Along both sides of US 401 Bypass west of Young Street	2025	96 single-family homes 525 single-family homes 320 multi-family homes 122,800 sq. ft. general retail	June 2019 by Kimley Horn
Wheeler Tract	Northeast quadrant of the intersection of Rolesville Road and Mitchell Mill Road	2026	233 single-family homes 125 multi-family homes	June 2019 by RKA
Louisbury Road Assemblage	West of Louisbury Road and south of Stells Road	2025	152 single-family homes	May 2020 by RKA
Kalas / Watkins Family Property	Along the west side of Rolesville Road, north of Mitchell Mill Road	2025	439 single-family homes 96 multi-family homes	August 2019 by Stantec

Adjacent development trips are shown in Figure 6. Adjacent development information can be found in Appendix C.

3.3. Future Roadway Improvements

Based on coordination with the NCDOT and the Town, it was determined there were no future roadway improvements to consider under future conditions with this study. It should be noted that per the Rolesville Community Transportation Plan (dated May 2022), the ultimate cross-section of Jonesville Road is identified as a 2-lane roadway with a center



two-way-left-turn-lane (TWLTL) and Mitchell Mill Road is identified as a 4-lane mediandivided roadway.

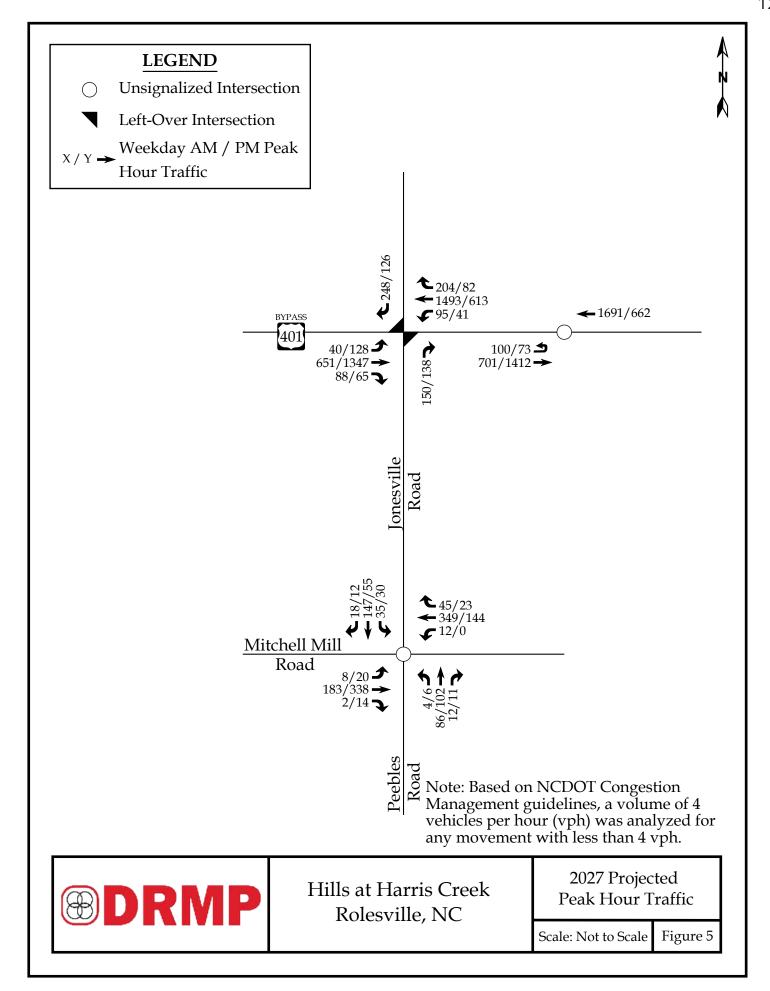
3.4. 2027 No-Build Peak Hour Traffic Volumes

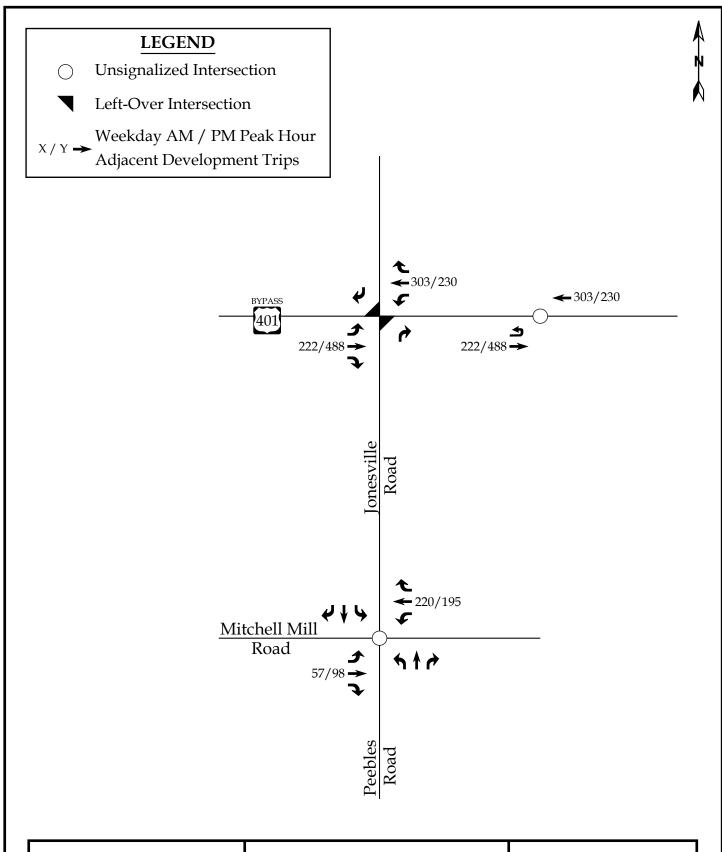
The 2027 no-build traffic volumes were determined by projecting the 2022 existing peak hour traffic to the year 2027 and adding the adjacent development trips. Refer to Figure 7 for an illustration of the 2027 no-build peak hour traffic volumes at the study intersections.

3.5. Analysis of 2027 No-Build Peak Hour Traffic Conditions

The 2027 no-build AM and PM peak hour traffic volumes at the study intersections were analyzed with existing geometric roadway conditions and traffic control. The analysis results are presented in Section 7 of this report.





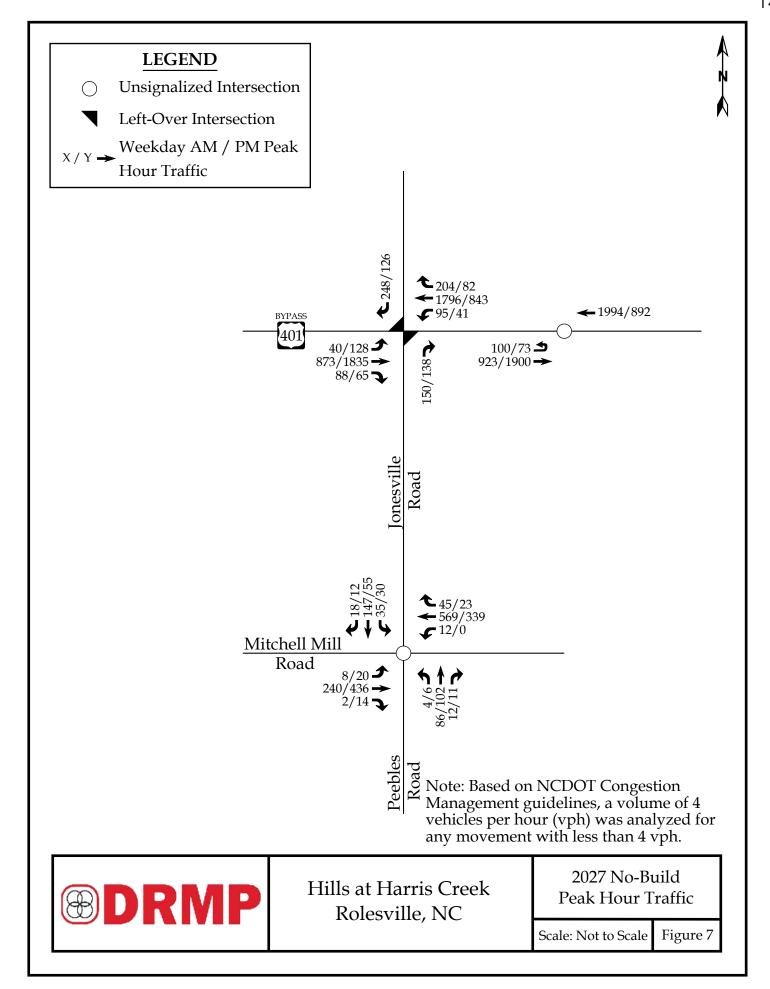




Hills at Harris Creek Rolesville, NC Peak Hour Adjacent Developement Trips

Scale: Not to Scale

Figure 6



4. SITE TRIP GENERATION AND DISTRIBUTION

4.1. Trip Generation

The proposed development is assumed to consist of 220 single-family homes. Average weekday daily, AM peak hour, and PM peak hour trips for the proposed development were estimated using methodology contained within the ITE Trip Generation Manual, 11th Edition. Table 3 provides a summary of the trip generation potential for the site.

Table 3: Trip Generation Summary

Land Use (ITE Code)	Intensity	Daily Traffic (vpd)	Weel AM Pea Trips (Enter	k Hour	Weel PM Pea Trips Enter	k Hour
Single-Family Home (210)	220 DU	2,084	38	115	131	78

It is estimated that the proposed development will generate approximately 2,084 total site trips on the roadway network during a typical 24-hour weekday period. Of the daily traffic volume, it is anticipated that 153 trips (38 entering and 115 exiting) will occur during the weekday AM peak hour and 209 trips (131 entering and 78 exiting) will occur during the weekday PM peak hour.

4.2. Site Trip Distribution and Assignment

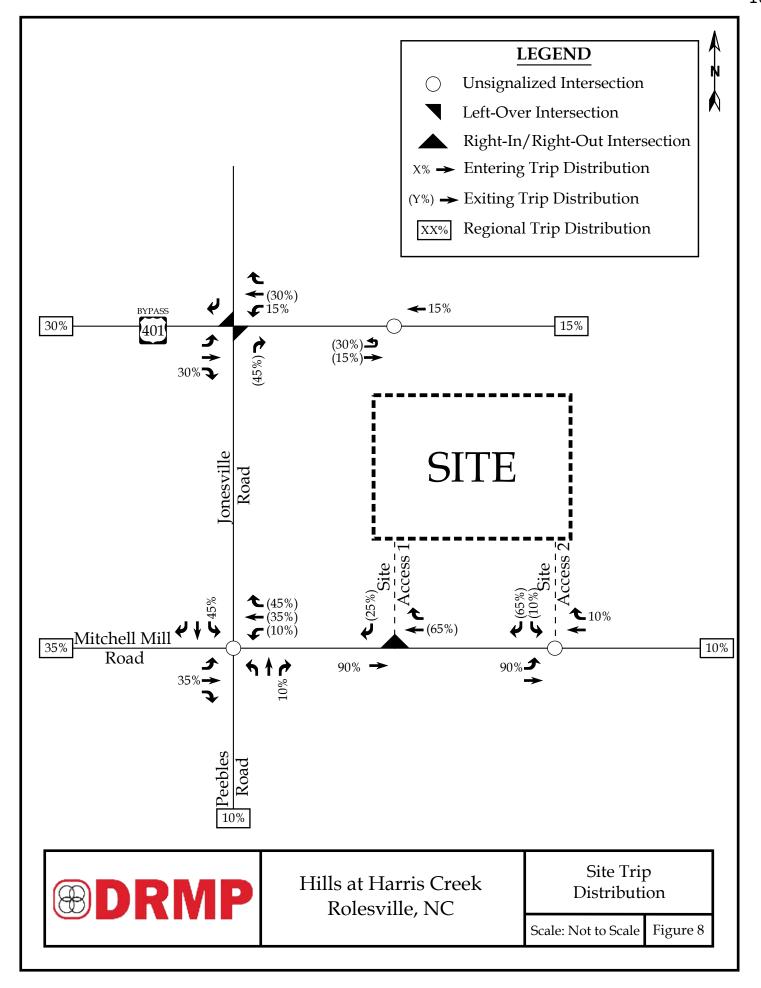
Trip distribution percentages used in assigning site traffic for this development were estimated based on a combination of existing traffic patterns, population centers adjacent to the study area, and engineering judgment.

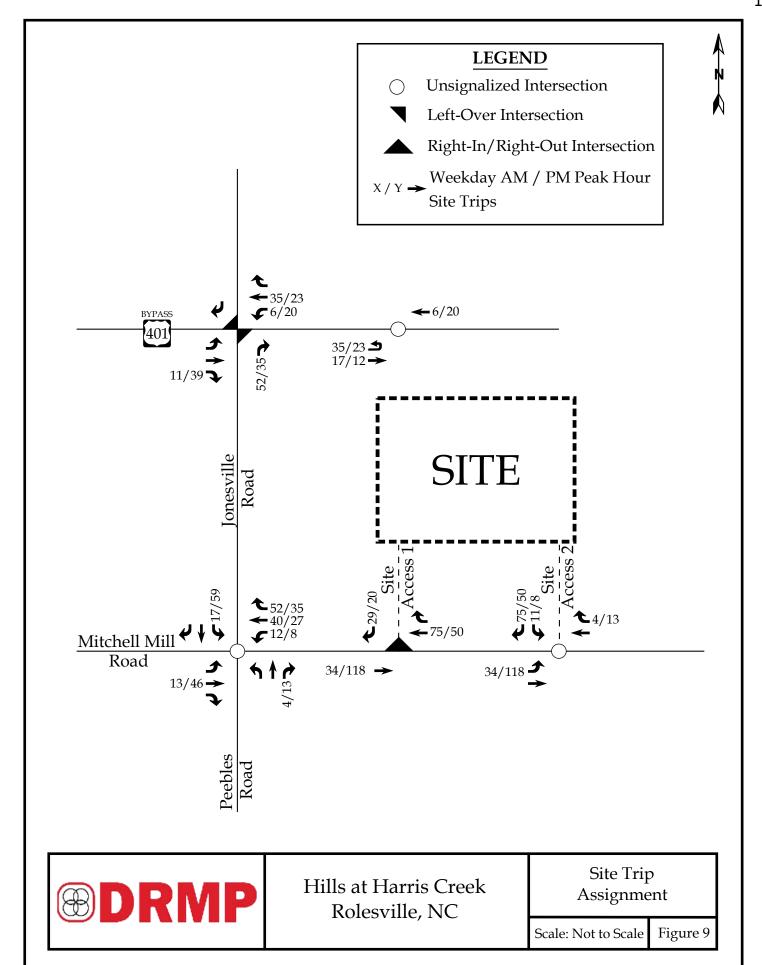
It is estimated that the site trips will be regionally distributed as follows:

- 35% to/from the west via Mitchell Mill Road
- 30% to/from the west via US 401 Bypass
- 15% to/from the east via US 401 Bypass
- 10% to/from the south via Peebles Road
- 10% to/from the east via Mitchell Mill Road

The site trip distribution is shown in Figure 8. Refer to Figure 9 for the site trip assignment.







5. 2027 BUILD TRAFFIC CONDITIONS

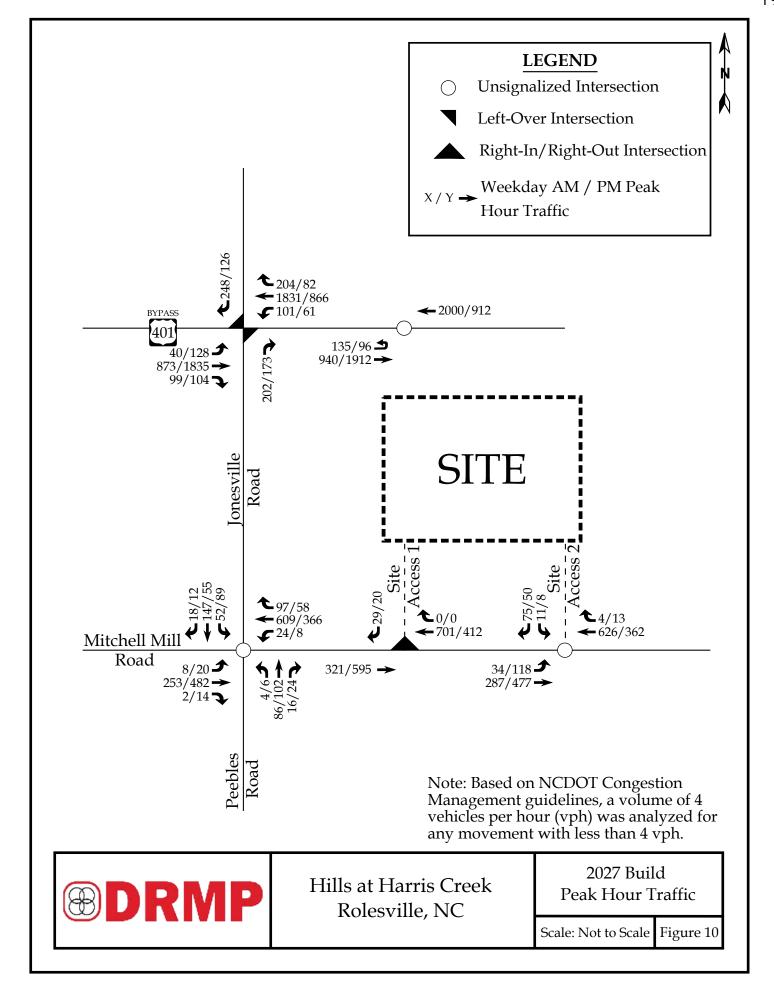
5.1. 2027 Build Peak Hour Traffic Volumes

To estimate traffic conditions with the site fully built-out, the site trips were added to the 2027 no-build traffic volumes to determine the 2027 build traffic volumes. Refer to Figure 10 for an illustration of the 2027 build peak hour traffic volumes with the proposed site fully developed.

5.2. Analysis of 2027 Build Peak Hour Traffic Conditions

Study intersections were analyzed with the 2027 build traffic volumes using the same methodology previously discussed for existing and no-build traffic conditions. Intersections were analyzed with improvements necessary to accommodate future traffic volumes. The results of the capacity analysis for each intersection are presented in Section 7 of this report.





6. TRAFFIC ANALYSIS PROCEDURE

Study intersections were analyzed using the methodology outlined in the *Highway Capacity Manual* (HCM), 6th Edition published by the Transportation Research Board. Capacity and level of service are the design criteria for this traffic study. A computer software package, Synchro (Version 11.1), was used to complete the analyses for the study area intersections. Please note that the unsignalized capacity analysis does not provide an overall level of service for an intersection; only delay for an approach with a conflicting movement.

The HCM defines capacity as "the maximum hourly rate at which persons or vehicles can reasonably be expected to traverse a point or uniform section of a lane or roadway during a given time period under prevailing roadway, traffic, and control conditions." Level of service (LOS) is a term used to represent different driving conditions and is defined as a "qualitative measure describing operational conditions within a traffic stream, and their perception by motorists and/or passengers." Level of service varies from Level "A" representing free flow, to Level "F" where breakdown conditions are evident. Refer to Table 4 for HCM levels of service and related average control delay per vehicle for both signalized and unsignalized intersections. Control delay as defined by the HCM includes "initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay". An average control delay of 50 seconds at a signalized intersection results in LOS "D" operation at the intersection.

Table 4: Highway Capacity Manual - Levels-of-Service and Delay

UNSIGNA	ALIZED INTERSECTION	SIGNALIZED INTERSECTION		
LEVEL OF SERVICE	AVERAGE CONTROL DELAY PER VEHICLE (SECONDS)	LEVEL OF SERVICE	AVERAGE CONTROL DELAY PER VEHICLE (SECONDS)	
Α	0-10	Α	0-10	
В	10-15	В	10-20	
С	15-25	С	20-35	
D	25-35	D	35-55	
E	35-50	E	55-80	
F	>50	F	>80	

6.1. Adjustments to Analysis Guidelines

Capacity analysis at all study intersections was completed according to the NCDOT Congestion Management Guidelines.



7. CAPACITY ANALYSIS

The following study intersections were analyzed under 2022 existing, 2027 no-build, and 2027 build traffic conditions:

- US 401 Bypass and Jonesville Road
- US 401 Bypass and Eastern U-Turn Location
- Mitchell Mill Road and Jonesville Road / Peebles Road

All proposed site driveways were analyzed under 2027 build traffic conditions. Refer to Tables 5-9 for a summary of capacity analysis results. Refer to Appendices D-H for the Synchro capacity analysis reports and SimTraffic queueing reports.



7.1. US 401 Bypass and Jonesville Road

The existing unsignalized intersection of US 401 Bypass Road and Jonesville Road was analyzed under 2022 existing, 2027 no-build, and 2027 build traffic conditions with the lane configurations and traffic control shown in Table 5. Refer to Table 5 for a summary of the analysis results. Refer to Appendix D for the Synchro capacity analysis reports.

Table 5: Analysis Summary of US 401 Bypass and

Jonesville Road

ANALYSIS	A P P R	LANE	WEEKDAY AM PEAK HOUR LEVEL OF SERVICE		WEEKDAY PM PEAK HOUR LEVEL OF SERVICE	
SCENARIO	O A C H	CONFIGURATIONS	Approach	Overall (seconds)	Approach	Overall (seconds)
	EB WB*	2 TH, 1 RT 1 LT	 C¹	N/A	 E ¹	N/A
2022	NB	1 RT	B ²	_	C ²	-
Existing	EB**	1 LT	F ¹		C¹	
	WB	2 TH, 1 RT		N/A		N/A
	SB	1 RT	E ²		B ²	
	EB	2 TH, 1 RT				
	WB*	1 LT	$D^\mathtt{1}$	N/A	F ¹	N/A
2027	NB	1 RT	B ²		E ²	
No-Build	EB**	1 LT	F¹		E ¹	
	WB	2 TH, 1 RT		N/A		N/A
	SB	1 RT	F ²		B ²	
	EB	2 TH, 1 RT				
	WB*	1 LT	D^1	N/A	F ¹	N/A
2027	NB	1 RT	C ²		F ²	
Build	EB**	1 LT	F ¹		E ¹	
	WB	2 TH, 1 RT		N/A		N/A
	SB	1 RT	F ²		B ²	

^{*}Synchro analyzed the WB left-turns as SB through movements due to the nature of the superstreet and synchro limitations.



^{**}Synchro analyzed the EB left-turns as NB through movements due to the nature of the superstreet and synchro limitations.

^{1.} Level of service for major-street left-turn movement.

^{2.} Level of service for minor-street approach.

Capacity analysis of 2022 existing traffic conditions indicates that the major-street left-turn movements and minor-street approaches are expected to operate at LOS C or better with the exception of the eastbound left-turn movement during the weekday AM peak hour (LOS F), the westbound left-turn movement during the weekday PM peak hour (LOS E), and the southbound minor-street approach during the weekday AM peak hour (LOS E).

Under 2027 no-build and 2027 build traffic conditions, the major-street left-turn movements are expected to operate at LOS E/F during the weekday AM and PM peak hours with the exception of the westbound left-turn movement during the weekday AM peak hour (LOS D) under 2027 no-build and 2027 build traffic conditions. The minor-street approaches are expected to operate at LOS E/F during the weekday AM and PM peak hours with the exception of the northbound approach during the weekday AM peak hour (LOS B/C) and the southbound approach during the weekday PM peak hour (LOS B) under 2027 no-build and 2027 build traffic conditions. It should be noted that the proposed development is expected to account for approximately 3% of the total traffic at this intersection during both the weekday AM and PM peak hours. The proposed development is expected to account for approximately 26% and 20% of the overall northbound approach traffic at this intersection during the weekday AM and PM peak hours, respectively.

Due to the poor levels-of-service expected at this intersection, a traffic signal was considered under 2027 build traffic conditions to achieve acceptable levels of service. Weekday AM and PM peak hour traffic volumes were utilized in evaluating the potential need for signalization based on the guidelines contained within the Manual on Uniform Traffic Control Devices (MUTCD) and within the Guidelines for Signalization of Intersections with Two or Three Approaches Final Report, published by ITRE. Based on a review of signal warrants at this intersection, the peak hour warrant (warrant 3) from the MUTCD is expected to be met for both the weekday AM and PM peak hours under 2027 no-build and build traffic conditions. It is not expected that this intersection would satisfy the MUTCD 8-hour (warrant 1) or 4-hour (warrant 2) warrants, which NCDOT favors for installation of a traffic signal. These longer period warrants are not typically met for residential areas due to the distinct peak traffic periods for these types of development. Based on a review of ITRE 95th percentile queue length calculations, the northbound right-turn movement demand is expected to exceed capacity during the weekday PM peak hour



under 2027 no-build and 2027 build traffic conditions. Refer to Appendix J for a copy of the MUTCD warrants and the ITRE 95th percentile queue length calculations.

Based on the Town's LDO, improvements must be identified to maintain no-build levels-of-service under build traffic conditions or to limit the degradation to less than a five percent increase in total delay on any approach for those operating at failing levels-of-service under no-build traffic conditions. Therefore, additional turn-lanes were considered for the northbound right-turn and westbound left-turn movements at this intersection to achieve acceptable operation per the Town's LDO. However, additional turn-lanes are not a realistic or practical improvement at an unsignalized intersection operating with superstreet configurations.

Based on the Town's LDO, it is recommended that this intersection be monitored for signalization and a full signal warrant analysis be conducted prior to the full build-out of the proposed development and install a traffic signal if warranted and approved by the Town and NCDOT. With signalization, it is expected that this intersection will operate at acceptable levels-of-service during the weekday AM and PM peak hours.



7.2. US 401 Bypass and Eastern U-Turn Location

The existing unsignalized intersection of US 401 Bypass and Eastern U-Turn Location was analyzed under 2022 existing, 2027 no-build, and 2027 build traffic conditions with the lane configurations and traffic control shown in Table 6. Refer to Table 6 for a summary of the analysis results. Refer to Appendix E for the Synchro capacity analysis reports.

Table 6: US 401 Bypass and Eastern U-Turn Location

ANALYSIS	A P P R	LANE	PEAK	DAY AM HOUR SERVICE	PEAK	DAY PM HOUR SERVICE
SCENARIO	O A C H	CONFIGURATIONS	Approach	Overall (seconds)	Approach	Overall (seconds)
2023 Existing	EB* WB	1 UT 2 TH	C¹ 	N/A	B¹ 	N/A
2028 No-Build	EB* WB	1 UT 2 TH	E¹	N/A	B¹ 	N/A
2028 Build	EB* WB	1 UT 2 TH	F ¹ 	N/A	B¹ 	N/A

^{*}Synchro analyzed the EB u-turn as a NB left-turn movement due to the nature of the superstreet and synchro limitations.

Capacity analysis of 2022 existing and 2027 no-build traffic conditions indicates that the major-street U-turn movement is expected to operate at LOS C or better during the weekday AM and PM peak hours, with the exception of the weekday AM peak hour under 2027 no-build conditions (LOS E).

Under 2027 build traffic conditions, the major-street u-turn movement is expected to operate at LOS F during the weekday AM peak hour and at LOS B during the weekday PM peak hour. It should be noted that the proposed development is expected to account for approximately 2% of the total traffic at this intersection during the weekday AM and PM peak hours. The proposed development is expected to account for approximately 26% and 24% of the overall northbound approach traffic at this intersection during the weekday AM and PM peak hours, respectively.



^{1.} Level of service for major-street U-turn movement.

Due to the poor levels-of-service expected at this intersection, a traffic signal was considered under 2027 build traffic conditions to achieve acceptable levels of service. Weekday AM and PM peak hour traffic volumes were utilized in evaluating the potential need for signalization based on the guidelines contained within the Manual on Uniform Traffic Control Devices (MUTCD) and within the Guidelines for Signalization of Intersections with Two or Three Approaches Final Report, published by ITRE. Based on a review of signal warrants at this intersection, the peak hour warrant (warrant 3) from the MUTCD is expected to be met for the weekday AM peak hour under 2027 no-build and 2027 build traffic conditions. It is not expected that this intersection would satisfy the MUTCD 8-hour (warrant 1) or 4-hour (warrant 2) warrants, which NCDOT favors for installation of a traffic signal. These longer period warrants are not typically met for residential areas due to the distinct peak traffic periods for these types of development. Based on a review of ITRE 95th percentile queue length calculations, the eastbound uturn movement demand is expected to exceed capacity during the weekday AM peak hour under 2027 no-build and 2027 build traffic conditions. Refer to Appendix J for a copy of the MUTCD warrants and the ITRE 95th percentile queue length calculations.

Based on the Town's LDO, improvements must be identified to maintain no-build levels-of-service under build traffic conditions or to limit the degradation to less than a five percent increase in total delay on any approach for those operating at failing levels-of-service under no-build traffic conditions. Therefore, additional turn-lanes were considered for the eastbound u-turn movement at this intersection to achieve acceptable operation per the Town's LDO. However, additional turn-lanes are not a realistic or practical improvement at an unsignalized intersection operating with superstreet configurations.

Based on the Town's LDO, it is recommended that this intersection be monitored for signalization and a full signal warrant analysis be conducted prior to the full build-out of the proposed development and install a traffic signal if warranted and approved by the Town and NCDOT. With signalization, it is expected that this intersection will operate at acceptable levels-of-service during the weekday AM and PM peak hours.



7.3. Mitchell Mill Road and Jonesville Road / Peebles Road

The existing unsignalized intersection of Mitchell Mill Road and Jonesville Road / Peebles Road was analyzed under 2022 existing, 2027 no-build, and 2027 build traffic conditions with the lane configurations and traffic control shown in Table 7. Refer to Table 7 for a summary of the analysis results. Refer to Appendix F for the Synchro capacity analysis reports.

Table 7: Analysis Summary of Mitchell Mill Road and

Jonesville Road / Peebles Road

A P P ANALYSIS R		LANE		AY AM HOUR SERVICE	WEEKDAY PM PEAK HOUR LEVEL OF SERVICE	
SCENARIO	O A C H	CONFIGURATIONS	Approach	Overall (seconds)	Approach	Overall (seconds)
2022 Existing	EB WB NB SB	1 LT-TH-RT 1 LT-TH-RT 1 LT-TH-RT 1 LT-TH-RT	B ¹ B ¹ B ¹	B (13)	B ¹ A ¹ A ¹	B (11)
2027 No- Build	EB WB NB SB	1 LT-TH-RT 1 LT-TH-RT 1 LT-TH-RT 1 LT-TH-RT	C ¹ F ¹ B ¹	F (51)	C ¹ C ¹ B ¹	C (19)
2027 Build	EB WB NB SB	1 LT-TH-RT 1 LT-TH-RT 1 LT-TH-RT 1 LT-TH-RT	C ¹ F ¹ B ¹ C ¹	F (97)	F ¹ D ¹ B ¹ C ¹	E (39)
2027 Build - Improved	EB WB NB SB	1 LT-TH-RT 1 LT-TH, <u>1 RT</u> 1 LT-TH-RT <u>1 LT</u> , 1 TH-RT	C ¹ F ¹ B ¹	F (82)	F ¹ D ¹ C ¹ B ¹	E (50)

Improvements to lane configurations by adjacent development are shown underlined.

Capacity analysis of 2022 existing and 2027 no-build traffic conditions indicates that the intersection is expected to operate at an overall LOS C or better during the weekday AM and PM peak hours, with the exception of the weekday AM peak hour under 2027 no-build



^{1.} Level of service for all-way stop controlled approach.

traffic conditions (LOS F). Under 2027 build traffic conditions, this intersection is expected to operate at an overall LOS F during the weekday AM and PM peak hours. It should be noted that the proposed development is expected to account for approximately 10% and 15% of the total traffic at this intersection during the weekday AM and PM peak hours, respectively. The proposed development is expected to account for approximately 5% and 9% of the overall eastbound approach traffic and 14% and 16% of the overall westbound approach at this intersection during the weekday AM and PM peak hours, respectively.

Turn lanes were considered at this intersection in order to mitigate the proportional impact that the proposed site traffic is expected to have at this intersection and to improve overall operations. An exclusive left-turn lane on the southbound approach (Jonesville Road) and right-turn lane on the westbound approach (Mitchell Mill Road) are recommended by the developer. Both turn lanes are recommended to have 100 feet of storage. It should be noted that an exclusive southbound left-turn lane was also identified in the 5109 Mitchell Mill Road TIA. With these improvements, the intersection is expected to continue operating at an overall LOS F during the weekday AM and PM peak hours.

It should be noted that the overall intersection delay is expected to increase during the weekday PM peak hour as a result of the recommended improvements to the southbound and westbound approaches. This increase in delay is attributable to minor increases in delays for all approaches caused by adding additional lanes to an all-way stop-controlled intersection. No feasible improvements other than signalization would be expected to decrease delays further at this intersection.

Due to the poor levels-of-service expected at this intersection, a traffic signal was considered under 2027 build traffic conditions to achieve acceptable levels-of-service. The peak hour warrant (warrant 3) from the Manual on Uniform Traffic Control Devices (MUTCD) was considered. Based on a review of the peak hour signal warrant at this intersection, the intersection is expected to meet the peak hour warrant for the weekday AM peak hour under 2027 no-build traffic conditions and both the weekday AM and PM peak hours under 2027 build traffic conditions. It is not expected that this intersection would satisfy the MUTCD 8-hour (warrant 1) or 4-hour (warrant 2) warrants, which NCDOT favors for installation of a traffic signal. These longer period warrants are not typically met for residential areas due to the distinct peak traffic periods for these types of development. Refer to Appendix J for a copy of the MUTCD warrants.



Based on the Town's LDO, it is recommended that this intersection be monitored for signalization and a full signal warrant analysis be conducted prior to the full build-out of the proposed development and install a traffic signal if warranted and approved by the Town and NCDOT. With signalization, it is expected that this intersection will operate at acceptable levels-of-service during the weekday AM and PM peak hours.



7.4. Mitchell Mill Road and Site Access 1

The proposed intersection of Mitchell Mill Road and Site Access 1 was analyzed under 2027 build traffic conditions with the lane configurations and traffic control shown in Table 8. Refer to Table 8 for a summary of the analysis results. Refer to Appendix G for the synchro capacity analysis reports.

Table 8: Analysis Summary of Mitchell Mill Road and Site

Access 1

ANALYSIS	A P P R	LANE	PEAK	DAY AM HOUR SERVICE	WEEKD PEAK LEVEL OF	HOUR
SCENARIO		CONFIGURATIONS	Approach	Overall (seconds)	Approach	Overall (seconds)
2027 Build	EB WB <u>SB</u>	1 TH 1 TH- <u>RT</u> <u>1 RT</u>	 B¹	N/A	 B¹	N/A

Improvements to lane configurations are shown underlined.

Capacity analysis of 2027 build traffic conditions indicates that the minor-street approach is expected to operate at LOS B during the weekday AM and PM peak hours.

Based on the estimated low volume of right-turn movements into the proposed development at this intersection, an exclusive right-turn lane is not recommended. See Appendix I for the turn lane warrants.



^{1.} Level of service for minor-street approach.

7.5. Mitchell Mill Road and Site Access 2

The proposed intersection of Mitchell Mill Road and Site Access 1 was analyzed under 2027 build traffic conditions with the lane configurations and traffic control shown in Table 8. Refer to Table 8 for a summary of the analysis results. Refer to Appendix G for the synchro capacity analysis reports.

Table 8: Analysis Summary of Mitchell Mill Road and Site

Access 1

ANALYSIS	A P P R	LANE	WEEKDAY AM PEAK HOUR LEVEL OF SERVICE		WEEKDAY PM PEAK HOUR LEVEL OF SERVICE	
SCENARIO	O A C H	CONFIGURATIONS	Approach	Overall (seconds)	Approach	Overall (seconds)
2027 Build	EB WB SB	<u>1 LT</u> , 1 TH 1 TH, <u>1 RT</u> <u>1 LT-RT</u>	A ¹ C ²	N/A	A ¹ B ²	N/A

<u>Improvements to lane configurations are shown underlined.</u>

- 1. Level of service for major-street left-turn movement.
- 2. Level of service for minor-street approach.

Capacity analysis of 2027 build traffic conditions indicates that the minor-street approach is expected to operate at LOS B during the weekday AM and PM peak hours.

The NCDOT driveway manual states that turn lanes should be considered when the major street carries 4,000 vehicles per day or more. Mitchell Mill Road carries 4,100 vehicles per day. Based on this and previous comments from NCDOT, left and right turn lanes on Mitchell Mill Road are recommended. Both turn lanes are recommended to have 100 feet of storage. See Appendix I for the turn lane warrants.



8. CONCLUSIONS

This Traffic Impact Analysis was conducted to determine the potential traffic impacts of the proposed Hills at Harris Creek development located north of Mitchell Mill Road, west of Manly Farm Road, and east of Gro Peg Lane in Rolesville, North Carolina. The development is expected to consist of 220 single-family homes and to be built-out in 2027. Site access is proposed via one (1) full-movement and one (1) right-in/right-out driveway connection along Mitchell Mill Road.

The study analyzes traffic conditions during the weekday AM and PM peak hours for the following scenarios:

- 2022 Existing Traffic Conditions
- 2027 No-Build Traffic Conditions
- 2027 Build Traffic Conditions

Trip Generation

It is estimated that the proposed development will generate approximately 153 primary trips (38 entering and 115 exiting) during the weekday AM peak hour and 209 primary trips (131 entering and 78 exiting) during the weekday PM peak hour.

Rolesville Community Transportation Plan

Per the Rolesville Community Transportation Plan (CTP), the ultimate cross-section of Mitchell Mill Road is identified as a 4-lane median-divided roadway. It is recommended that the proposed development widen one-half section of Mitchell Mill Road along the site frontage in accordance with the Town's CTP.

Adjustments to Analysis Guidelines

Capacity analysis at all study intersections was completed according to NCDOT Congestion Management Guidelines. Refer to section 6.1 of this report for a detailed description of any adjustments to these guidelines made throughout the analysis.



Intersection Capacity Analysis Summary

All the study area intersections (including the proposed site driveways) are expected to operate at acceptable levels-of-service under existing and future year conditions with the exception of those identified in Section 7 of this report.



9. **RECOMMENDATIONS**

Based on the findings of this study, specific geometric improvements have been identified and are recommended to accommodate future traffic conditions. See a more detailed description of the recommended improvements below. Refer to Figure 14 for an illustration of the recommended lane configuration for the proposed development.

Recommended Improvements by Developer

Required Frontage Improvements per Rolesville Community Transportation Plan

• Widen one-half section of Mitchell Mill Road along the site frontage to this roadway's ultimate section (4-lane median divided).

US 401 Bypass and Jonesville Road

 Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by NCDOT and the Town.

US 401 Bypass and Eastern U-Turn Location

 Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by NCDOT and the Town.

Mitchell Mill Road and Jonesville Road / Peebles Road

- Construct a southbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
 - It should be noted that this improvement was also identified by the 5109
 Mitchell Mill Road TIA.
- Construct a westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.
- Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by NCDOT and the Town.



Mitchell Mill Road and Site Access 1

- Construct the southbound approach (Site Access 1) as a right-in/right-out with one ingress lane and one egress lane.
- Provide stop-control for the southbound approach (Site Access 1).
- Construct a concrete median on Mitchell Mill Road that restricts access to rightin/right-out.

Mitchell Mill Road and Site Access 2

- Construct the southbound approach (Site Access 2) with one ingress lane and one egress lane.
- Provide stop-control for the southbound approach (Site Access 2).
- Construct an eastbound (Mitchell Mill Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
- Construct a westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.



