Planning Commission Members

District 1: Jason Cavalier
District 2: T. Yokima Cureton
District 3: Charles Deese, Chair
District 4: Judianna Tinklenberg
District 5: Shelly Richards
District 6: Sheila Hinson

District 7: Alan Patterson



County Attorney

Ginny L. Merck-Dupont

Clerk to Planning Commission

Aimee Sholar

Planning Director

April Williams

July 16, 2024 6:00 PM

101 North Main Street Lancaster, SC 29720

LANCASTER COUNTY PLANNING COMMISSION Upper Level Conference Room, LC Sheriff's Department, 1520 Pageland Hwy Lancaster.

AGENDA

1. <u>Call to Order Regular Meeting and Roll Call Vote</u>

- a. Pledge of Allegiance and Opening Prayer
- **b.** Election of 2024/2025 Officers

2. Approval of the Agenda

3. <u>Citizen's Comments</u>

[Lancaster County Council welcomes comments and input from citizens who may not be able to attend Council meetings in person. Written comments may be submitted via mail to ATTN: Sherrie Simpson, Post Office Box 1809, Lancaster, SC, 29721, by email to Sherrie Simpson at ssimpson@lancastersc.net or by online submission by selecting the "Citizens Comments" quick link located on the County website homepage at https://www.mylancastersc.org/. Comments must be no longer than approximately 3 minutes when read aloud. Comments received will be acknowledged during the Citizens Comments portion of the meeting. Comments will need to be received prior to 4:00 p.m. on the day of the meeting. Please use the same link above in order to submit input/comments for Public Hearings. *Please note that any handouts presented to Council or Council Boards and Commissions become an official part of the record and a copy is attached to the legal minutes for the meeting.]

4. Approve Minutes

a. June 18, 2024 Regular Minutes

5. Public Items

a. RZ-2024-1081 Lopez/High Point Circle

Application by Saul Lopez to rezone 1.53 acres at 1890 High Point Drive (TM 0086F-0B-001.00) from Manufactured Housing (MH) to Medium Density Residential (MDR) district, in order to subdivide the property and build single family residences.

b. SD-2023-1869 Barberville Commercial

Application by Moody Group/Jan Ringeling on behalf of Barberville Developers LC and Martin Senior and Associates for a Preliminary Plat for two parcels totaling 2.0 acres located at the northwest corner of Barberville Road and Fort Mil Highway (TM #s 0006-00-057.00 and 0006-00-058.00), in order to create a multi-parcel commercial development with central shared access.

6. New Business

a. NRN-2024-1210 Griffin Cove

Naming a shared private drive name pursuant to Section 9.2.17.A.2 of the Unified Development Ordinance.

b. NRN-2024-1251 Hailes Valley Way

Naming a shared private drive pursuant to Section 9.2.17.A.2 of the Unified Development Ordinance.

c. NRN-2024-1356 July Group Submittall: Civil Plans

New road names: July Group Submittal to E911 Addressing via Preliminary Plats and Civil Plans, pursuant to Section 9.2.17.A.2 of the Unified Development Ordinance.

- **d.** Overview of next month's Agenda
- e. Other

7. Adjourn

*The Planning Commission makes a recommendation to County Council on these items.

Recommendations made at this meeting are tentatively scheduled for consideration by County Council in the following month. County Council agendas are posted online at https://lancastersc.novusagenda.com/agendapublic/meetingsresponsive.aspx

**The Planning Commission makes the final decision on these items.

Anyone requiring special services to attend this meeting should contact 285-1565 at least 24 hours in advance of this meeting. Lancaster County Planning Commission agendas are posted at the Lancaster County Administration Building and are available on the Website: www.mylancastersc.org

Meetings are live streamed and can be found by using the following link: https://mylancastersc.org/boards commissions/planning commission/planning commission meetings.php

Agenda Item Summary

Ordinance # / Resolution #: Election of 2024/2025 Officers Contact Person / Sponsor: Department: Planning

Date Requested to be on Agenda: 7/16/2024

Issue for Consideration:

Points to Consider:

Recommendation:

Agenda Item Summary

Ordinance # / Resolution #: Election of 2024/2025 Officers

Contact Person / Sponsor: A. Hardin

Department: Planning

Date Requested to be on Agenda: 7/16/2024

Issue for Consideration:

Points to Consider:

Recommendation:

Agenda Item Summary

Ordinance # / Resolution #:
Contact Person / Sponsor:
Department: Planning

Date Requested to be on Agenda: 7/16/2024

Issue for Consideration:

Points to Consider:

Recommendation:

ATTACHMENTS:

DescriptionUpload DateTypeJune 18, 2024 Regular Minutes7/5/2024Exhibit

MEMBERS OF LANCASTER COUNTY PLANNING COMMISSION

CHARLES DEESE, DISTRICT 3, CHAIRMAN
, DISTRICT 5
T. YOKIMA CURETON, DISTRICT 2
JUDIANNA TINKLENBERG, DISTRICT 4
SHEILA HINSON, DISTRICT 6
ALAN PATTERSON, DISTRICT 1
, DISTRICT 7
SECRETARY: AIMEE SHOLAR



MINUTES Lancaster County Planning Commission June 18, 2024 6:00 p.m.

Chairman Deese called the meeting to order at 6:00 p.m.

1. **ROLL CALL**: Quorum is present (4 Commissioners)

Commissioners Present:

Sheila Hinson Charles Keith Deese Alan Patterson Judianna Tinklenberg

Note: Commissioner James Barnett has resigned from the Commission effective June 15, 2024. New appointments are in process through County Council.

Absent: T. Yokima Cureton

Staff Present:

Allison Hardin, Development Services Director
April Williams, Planning Director
Matthew Blaszyk, Planner
Jennifer Bryan, Planning Technician
Administrative Assistant Aimee Sholar

Pledge of Allegiance and Prayer was given by Sheila Hinson.

The following press were notified of the meeting by email in accordance with the Freedom of Information Act: The Lancaster News, Kershaw News Era, The Rock Hill Herald, The Fort Mill Times, Cable News 2, Channel 9, and the local Government Channel. The agenda was also posted in the lobby of the County Administration Building for the required length of time, and was published on the County website.

THE FOLLOWING IS A SUMMARY OF PROCEEDINGS. IT IS NOT A VERBATIM TRANSCRIPT.

2. APPROVE AGENDA

Chairman Deese called for a motion to approve the Agenda. Motion to Approve by Alan Patterson; 2nd by Sheila Hinson <u>Called vote</u>: 4:0. Motion approved unanimously.

3. <u>CITIZEN'S COMMENTS</u> None Signed in.

4. APPROVE MINUTES

a. May 2, 2024 Special Meeting

Chairman Deese called for a motion to approve May 2, 2024 Special Meeting minutes as written (draft revised per request of Commission).

Motion to Approve by Judianna Tinklenberg; 2nd by Alan Patterson.

Called vote: 4:0. Motion approved unanimously.

b. May 21, 2024 Regular Minutes

Chairman Deese called for a motion to approve May 24, 2024 Regular Minutes as written. Motion to Approve by Sheila Hinson; 2nd by Alan Patterson.

<u>Called vote</u>: 4:0. Motion approved unanimously.

c. June 6, 2024 Workshop Minutes

d. Chairman Deese called for a motion to approve June 6, 2024 Workshop Minutes as written. Motion to Approve by Sheila Hinson; 2nd by Judianna Tinklenberg. <u>Called vote</u>: 4:0. **Motion approved unanimously.**

5. PUBLIC ITEMS

a. SD-2023-1869 Barberville Commercial

Application by Moody Group/Jan Ringeling on behalf of Barberville Developers LLC and Martin Senior and Associates for a Preliminary Plat for two parcels totaling 12.09 acres located at the northwest corner of Barberville Road and Fort Mil Highway (TM #s 0006-00-057.00 and 0006-00-058.00), in order to create a multi-parcel commercial development with central shared access.

<u>Staff Presentation</u>: Matthew Blaszyk, presented the application consistent with the staff report. <u>Staff Recommendations</u>: Recommends Denial

Comments by Commissioners:

Judianna Tinklenberg asked if there is connectivity to Barber Rock? Need to ask for connections to improve traffic.

<u>Comment from applicant(s)</u>: Jan Ringeling- wanted to connect the roads and did that. Some of the items have been addressed. We are using it how it is zoned now. The first stage minor subdivision has been approved, and permits are in process to build the first business, a daycare.

<u>Public Hearing</u>: (See attachments: Sign-in Sheets)

<u>Anne Gabell</u>- Over Look at Barber Rock- Opposed to commercial development next to their neighborhood, creating noise and affecting property values.

There was 1 email which was opposed.

Chairman Deese closed Public hearing and called for a motion on item SD-2023-1869. Motion To approve by Alan Patterson; 2nd by Judianna Tinklenberg.

Discussion:

- Judianna Tinklenberg- Concerned about left turn lane and traffic. Opposed.
- Alan Patterson- Concerned about light and noise pollution. Opposed

Called vote: 0:4. Motion is denied unanimously.

Planning Commission makes the final decision regarding Preliminary Plats.

b. CU-2024-0910 McClure Collision Center

Application by Mason McClure and Hecks LLC and John Hecimovich for a Conditional Use permit for Vehicle Services: Major Repair/Bodywork (body shop/collision center) on 1.73 acres at and adjacent to 9868 Harrisburg Road (TM# 0005-00-100.05 and 0005-00-100.06). Staff Presentation: Matthew Blaszyk, Planner presented the application consistent with the staff report. Staff Recommendations: Denial based on unresolved TRC comments.

<u>Comments by Commissioners</u>: Alan Patterson concerned about stormwater runoff and outside storage. Staff responded that stormwater is monitored by County, state & federal agencies, and outside storage is not permitted in this district.

<u>Comment from applicant(s)</u>: Mason McClure- Ready to invest 3 million dollars in this project. We have a great filtration system. I am here to answer any questions you may have.

Public Hearing: (See attachments: Sign-in Sheets) No one signed up.

Chairman Deese closed Public hearing and called for a motion on item CU-2024-0910. Motion To approve by Alan Patterson; 2nd by Sheila Hinson.

Discussion:

Judianna Tinklenberg- Concerned about industrial eyesore in a residential area.

<u>McClure</u>- Closer to Rt 160 than the roundabout. The immediate area is more business than residential. At the end of the day we are going to work on very expensive cars .Top tier. There are not going to be parts all over the place. I can only tell you what my vision is that's not my vision.

VOTE: AP: For JT: Against SH: For CD: For 3:1. **Motion is approved**.

Chairman Deese stated the item will go to County Council for consideration, and applicant will be notified of time and date.

c. RZ-2021-2791 The Arches

Application by Doug Baumgartner for YDG Doby's Bridge Land LLC to rezone two parcels totaling 2.349 acres (TM 0013-00-018.09 & 0013-00-018.10) located on World Reach Drive, from General Business (GB) to Regional Business (RB) district, to allow appropriate commercial development uses.

<u>Staff Presentation</u>: Matthew Blaszyk, Planner presented the application consistent with the staff report. <u>Staff Recommendations</u>: Approval

<u>Comments by Commissioners</u>: Judianna Tinklenberg- Do we have use chart if it was rezoned?

Comment from applicant(s):

<u>Kristen Ames-</u>, York Development Group: We do not yet have a tenant or any plans for the property, we are asking for rezoning to make it more consistent to be able to market it more effectively.

Public Hearing: (See attachments: Sign-in Sheets) None Signed In.

Chairman Deese closed Public hearing and called for a motion on item RZ-2021-2791. Motion Approved by Sheila Hinson; 2nd by Alan Patterson.

Discussion:

Alan Patterson- I am concerned about rezoning multi family and hotel/motel. This road was not planned for it and not built for it. I am concerned that if motel/hotel or multi family.

Chairman Deese- It is a rezone only.

Judianna Tinklenberg-I continue to think about with Alan Patterson says. YMCA and then there will be a Costco. GB to Business it will be opening a door to more business. It's holding me back.

AP: Against JT: Against SH: For CD: For

Called vote: 2:2. Motion Tied, Fails by lack of Majority.

Chairman Deese stated the item will go to County Council for consideration, and applicant will be notified of time and date.

d. RZ-2024-0623 Connors

Application by Ben Stevens for BRD Land and Investments, and owners Richard Connors et al family members to rezone 26.94 acres located at 2941 Hwy 521 Bypass (TM #0081-00-045.01) from Neighborhood Business (NB) to Medium Density Residential (MDR) district in order to develop a single-family residential neighborhood.

<u>Staff Presentation</u>: Matthew Blaszyk, Planner presented the application consistent with the staff report. <u>Staff Recommendations</u>: Approval

<u>Comment from applicant(s)</u>: Powerpoint presentation by Spencer McNabb on behalf of applicants, and report concerning neighborhood meeting.

<u>Public Hearing</u>: (See attachments: Sign-in Sheets)

Kenneth Munkens- lives near the intersection of the two highways. Opposed to medium density, would prefer a lower density.

Debbie & Danny Todd- We have easement rights on the property with 56 houses. Opposed.

Suzanne Durocher: Opposed: traffic and destruction of natural habitats.

Ben Stephens (Developer) and Spencer McNabb responded that the plan is well below the maximum units allowed in the requested district, and the two entries are dictated by County UDO and state fire code.

Chairman Deese closed Public hearing and called for a motion on item RZ-2024-0623. Motion To approve by Alan Patterson; 2nd by Judianna Tinklenberg.

Comments by Commissioners:

Alan Patterson: Concerned about the lack of resolution on the neighbor's easement. Staff noted that this will have to be resolved at the Civil stage or the project will not proceed.

<u>Called vote</u>: 4:0. **Motion is approved unanimously**.

Chairman Deese stated the item will go to County Council for consideration, and applicant will be notified of time and date.

e. <u>RZ-2024-0826 Hinson</u>

Application by Jeffrey C. Hinson to rezone 1.041 acres located at 6989 Pageland Hwy (TM #0056-00-012.00) from Rural Business (RUB) to Rural Residential (RR) district in order to allow conforming expansion of residential use (home occupation use).

<u>Staff Presentation</u>: April Williams, Planning Director, presented the application consistent with the staff report. Staff Recommendations: Approval

Comments by Commissioners: No Comments

Comment from applicant(s): Jeffrey Hinson. Available for questions, no comments

Public Hearing: (See attachments: Sign-in Sheets) None signed in.

Chairman Deese closed public hearing and called for a motion on item RZ-2024-0826. Motion To approve by Alan Patterson; 2nd by Judianna Tinklenberg.

Discussion: No comments

<u>Called vote</u>: 4:0. **Motion is approved unanimously**.

Chairman Deese stated the item will go to County Council for consideration, and applicant will be notified of time and date.

f. RZ-2024-0878 Lennar/Williamson Farm

Application by Mark Henninger for Lennar Carolinas LLC and Williamson Farm Lane LLC to rezone 291.48 acres at and adjacent to 1080 Williamson Farm Lane (TM #0049-00-004.02) from Low Density Residential (LDR) to Medium Density Residential (MDR) in order to develop a single-family residential subdivision.

<u>Staff Presentation</u>: Allison Hardin, Development Services Director, presented the application consistent with the staff report. <u>Staff Recommendations</u>: Recommends Approval.

Comments by Commissioners:

Would this development have to wait until Shiloh woods is developed in order to get the second access point? With only one access point, they would be limited to 50 houses.

Comment from applicant(s):

Joel Causey- representing Lenar Carolina- There are 48 acres in flood plain. We are going to be well under maximum density. Shiloh woods is further along than we are. They are 6 months ahead of us. We are in discussions about sharing pump station for sewers.

<u>Public Hearing</u>: (See attachments: Sign-in Sheets)

Mike Mitchum, Dover Lane: Opposed. Water on property makes it unsuitable.

Chairman Deese closed public hearing and called for a motion on item RZ-2024-0878. Motion To approve by Alan Patterson; 2nd by Judianna Tinklenberg.

Discussion:

Alan Patterson: I heard the applicant say they want to put MDR 2.5 Units per acre. LDR is 1.5 units per acre. Also MDR needs twice as much open space.

Joel Causey: 1/3 on the west is flood plain that's why we need smaller lot sizes for the area that is actually buildable. Well over 20% will be open space.

Called vote: 4:0. **Motion is approved unanimously**.

Chairman Deese stated the item will go to County Council for consideration, and applicant will be notified of time and date.

g. RZ-2024-1011 Lancaster County/ 2001 Charlotte Hwy

Application by Lancaster County to rezone 6.8 acres at 2001 Charlotte Highway (p/o TM# 0062-00-005.01) from General Business (GB) to Institutional (INS) district, in order to convert the existing structures to use as county offices.

<u>Staff Presentation</u>: Allison Hardin, Development Services Director, presented the application consistent with the staff report. <u>Staff Recommendations</u>: Approval

Comments by Commissioners: none

Public Hearing: (See attachments: Sign-in Sheets) None signed in.

Chairman Deese closed public hearing and called for a motion on item RZ-2024-1011. Motion To approve by Sheila Hinson; 2nd by Judianna Tinklenberg.

<u>Discussion</u>: Alan Patterson: Pleased that the County is re-purposing existing buildings rather than funding all- new construction

Called vote: 4:0. Motion is approved unanimously.

Chairman Deese stated the item will go to County Council for consideration, and applicant will be notified of time and date.

h. RNC-2024-0966 Environmental Way

Application by Myra Reece for SCDHEC to rename DHEC Road, a state-maintained driveway off Grace Avenue 0.16 miles south of the intersection with Chester Hwy/Route 9. Per UDO Sec 6.11.5. The requested name is Environmental Way.

<u>Staff Presentation</u>: Jennifer Bryan, Planning Technician, presented the application consistent with the staff report. <u>Staff Recommendations</u>: Recommend Approval.

Comments by Commissioners: None.

Comment from applicant(s): Not present

<u>Public Hearing</u>: (See attachments: Sign-in Sheets) None Signed In Chairman Deese closed public hearing and called for a motion on item RNC-2024-0966. Motion To approve by Alan Patterson; 2nd by Judianna Tinklenberg.

Discussion: No substantive comments or questions.

Called vote: 4:0. **Motion is approved unanimously**.

Planning Commission makes the final decision regarding Road Name Changes.

6. NEW BUSINESS

a. NRN-2024-0830 Coyote Creek Trail

Application by Michael Hayes to name a privately maintained driveway per UDO Sec. 6.11.4.G, located off University Drive across from the intersection of W. Shiloh Unity Road. The proposed name is Coyote Creek Trail.

<u>Staff Presentation</u>: Jennifer Bryan, Planning Technician, presented the application consistent with the staff report. <u>Staff Recommendations</u>: Approval.

Comments by Commissioners: No comments

Comment from applicant(s): Present for questions; no comments.

No Public Hearing required.

Chairman Deese called for a motion on item NRN-2024-0830.

Motion To approve by Alan Patterson; 2nd by Judianna Tinklenberg.

Discussion: No Discussion

<u>Called vote</u>: 4:0. **Motion is approved unanimously**.

Planning Commission makes the final decision regarding New Road Names.

b. NRN-2024-0924 June Group Submittal: Civil Plans & Preliminary Plats
New Road Name submittals from E911 addressing via civil submittals and preliminary plats.

Staff Presentation: Jennifer Bryan, Planning Technician, presented the application consistent with the staff report. Staff Recommendations: Approval.

No Public Hearing required.

Chairman Deese called for a motion on item NRN-2024-0830. Motion To approve by Alan Patterson; 2nd by Shelia Hinson

Discussion: None

Called vote: 4:0. **Motion is approved unanimously**.

Planning Commission makes the final decision regarding New Road Names.

c. Overview of Next Month's Agenda

- No Workshop scheduled for July due to Independence Day Holiday
- SD-2021-2122 Riverchase Sec. 2 (Revision)
- SD-2024-1081 Coulston/ Reece Road
- RZ-2024-1081 Lopez/High point
- NRN-2024-1210 Griffin Cove
- NRN-2024-1251 Hailes Valley Way
- NRN- July Group Submittal: Civil Plans & Preliminary Plats
- d. Other: Officer Elections on July 16, 2024.

Discussion: Alan Patterson is moving from District 1 to District 7. Michelle Richards is replacing him.

e. Copies of UDO draft chapters distributed for future review and discussion.

7. ADJOURN

Motion to adjourn by Alan Patterson; 2nd by Judianna Tinklenberg. Motion approved by unanimous consent. Meeting adjourned at 8:00p.m.

ATTACHMENT 1: SIGN-IN SHEETS





PLANNING COMMISSION Public Hearing Sign In Sheet

Item 3: CITIZEN'S COMMENTS

General Comments or comments on matters not on tonight's agenda. For comments on specific agenda items under discussion, please sign in on the appropriate sheet.

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

Citizens are allowed 3 minutes per person to speak. Everyone speaking before The Commission will be required to do so in a civil manner. The Commission will not tolerate personal attacks on individual Commissioners, County Staff or any person or group. Racial slurs will not be permitted. The Commission's number one priority is to conduct business for the citizens of this county.

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5a: SD-2023-1869 Barberville Commercial

Application by Moody Group/Jan Ringeling on behalf of Barberville Developers LLC and Martin Senior and Associates for a Preliminary Plat for two parcels totaling 12.09 acres located at the northwest corner of Barberville Road and Fort Mil Highway (TM #s 0006-00-057.00 and 0006-00-058.00), in order to create a multi-parcel commercial development with central shared access.

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5b: CU-2024-0910 McClure Collision Center

Application by Mason McClure and Hecks LLC and John Hecimovich for a Conditional Use permit for Vehicle Services: Major Repair/Bodywork (body shop/collision center) on 1.73 acres at and adjacent to 9868 Harrisburg Road (TM# 0005-00-100.05 and 0005-00-100.06).

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5c: RZ-2021-2791 The Arches

Application by Doug Baumgartner for YDG Doby's Bridge Land LLC to rezone two parcels totaling 2.349 acres (TM 0013-00-018.09 & 0013-00-018.10) located on World Reach Drive, from General Business (GB) to Regional Business (RB) district, to allow appropriate commercial development uses.

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5d: RZ-2024-0623 Connors

Application by Ben Stevens for BRD Land and Investments, and owners Richard Connors et al family members to rezone 26.94 acres located at 2941 Hwy 521 Bypass (TM #0081-00-045.01) from Neighborhood Business (NB) to Medium Density Residential (MDR) district in order to develop a single-family residential neighborhood.

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2. Tina + Suzanne Desrochers	
3. BENSTENENS BED LAND	
4. Spencer McNab - BG-EJInc.	

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5e: RZ-2024-0826 Hinson

Application by Jeffrey C. Hinson to rezone 1.041 acres located at 6989 Pageland Hwy (TM #0056-00-012.00) from Rural Business (RUB) to Rural Residential (RR) district in order to allow conforming expansion of residential use (home occupation use).

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5f: RZ-2024-0878 Lennar/Williamson Farm

Application by Mark Henninger for Lennar Carolinas LLC and Williamson Farm Lane LLC to rezone 291.48 acres at and adjacent to 1080 Williamson Farm Lane (TM #0049-00-004.02) from Low Density Residential (LDR) to Medium Density Residential (MDR) in order to develop a single-family residential subdivision.

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5g: RZ-2024-1011 Lancaster County/2001 Charlotte Hwy

Application by Lancaster County to rezone 6.8 acres at 2001 Charlotte Highway (p/o TM# 0062-00-005.01) from General Business (GB) to Institutional (INS) district, in order to convert the existing structures to use as county offices.

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

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PLANNING COMMISSION Public Hearing Sign In Sheet

Item 5h: RNC-2024-0966 Environmental Drive

Application by Myra Reece for SCDHEC to rename DHEC Road, a state-maintained driveway off Grace Avenue 0.16 miles south of the intersection with Chester Hwy/Route 9. Per UDO Sec 6.11.5. The requested name is Environmental Drive.

Council Chambers
101 N. Main Street, Lancaster South Carolina *Tuesday, June 18, 2024*

Citizens are allowed 3 minutes per person to speak. Everyone speaking before The Commission will be required to do so in a civil manner. The Commission will not tolerate personal attacks on individual Commissioners, County Staff or any person or group. Racial slurs will not be permitted. The Commission's number one priority is to conduct business for the citizens of this county.

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ATTACHMENT 2:

5a: SD-2023-1869 Barberville Commercial

- LCWSD Letter of Service
- Email Comment: Rich & Barbara Sher





"Serving Lancaster County For Over 50 Years"

Ms. Jan Ringling Moody Group 107000 Sides Place, Suite 280 Charlotte, NC 28277

Re: Barberville Commercial Subdivision

Dear Sir/Madam:

This letter is to address water and sewer distribution, collection, and treatment for the proposed Barberville Commercial Subdivision.

Upon completion, acceptance, and payment of all fees necessary for water and sewer infrastructure to serve the subject site, Lancaster County Water and Sewer District (LCWSD) agrees to accept wastewater flow typical of a commercial subdivision, to the Indian Land Wastewater Treatment Facility; NPDES permit number SC0047864, for treatment. A significant off-site sewer collection system forcemain and pump station upgrade and appurtenances will be needed to convey the project's wastewater flow to the IL3WWTP.

Upon completion, acceptance, and payment of all fees necessary for water mains, (LCWSD) agrees to furnish water to Barberville Commercial Subdivision in an amount consistent with the flow associated with the capacity fees paid. The water quality to the subject project is regulated by SCDHEC Bureau of Water.

This is not a willingness and capability to serve commitment. Willingness and capability to serve is contingent upon payment of the required capacity fees as determined by the District in response to letter of intent as outlined in the District's Developer's Policy. At this time a sketch plan has been submitted to LCWSD for review and project initiation, but the sketch plan application is incomplete and is not approved.

If you have any questions, please let me know.

Sincerely,

Timothy R. Riser, PE Engineering Director

Lancaster County Water & Sewer District



From:

rich sher

To:

Jennifer Bryan

Subject:

9901 Barberville Road., Moody Group proposal

Date:

Tuesday, June 18, 2024 11:07:46 AM



The Systemfinds this email suspicious! The sender of this email rich sher is similar by name to your contact rich.sher@gamil.com, this might be an impersonation attempt. | Know this sender?

THIS IS AN EXTERNAL E-MAIL — Use caution when clicking on links as they could open malicious websites.

—IT Helpdesk, lancastersc.supportsystem.com

From Rich and Barbara Sher 1850 Still Water Lane, Indian Land, SC 29707

Regarding the proposal by the Moody Group for a commercial development at 9901 Barberville Road.

I would request the Planning Board to continue to deny approval of this proposal.

When we moved here in 2016 the traffic on Barberville was moderate but it seems with each new development (and there have been several) the traffic has increased. Not only residential traffic but truck traffic as well.

The traffic study that was submitted assumes that all traffic going into the Moody property will be entering from Rte 160 and that a left turn lane will accommodate the increased traffic. but that is definitely not the case. It will bring more traffic to Barberville, equal to what we'll see from Rte 160.

Considering that the new Elementary School is planned at the corner of Barberville and Harrisburg, the proposed High School not far from that, and Moody's proposed Montessori School as part of their project, the impact on Barberville will be significant. The infrastructure, in this case Barberville Road, can't handle it.

Rich and Barbara Sher

2

Reply

Forward

ATTACHMENT 3:

5d: RZ-2024-0263 Connors

- LCSD School Data
- BRD Land Development: Report from Neighborhood Meeting
- Email Comment: K. Munkens

	Lancaster County School District Membership Forecast	

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^{2.} Program capacities are from the Program Capacity Study, H. Dale Holden & Associates, February 2010. Partable classrooms are not included.

^{4.} Forecast generated by Numerix Cohort-Feeder model. Projected RLB annual gain = 2,5%, 2021 to 2027. K-12 average annual gain = 3,1%, 2023-24 to 2032-33.

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2022-23 LCSD Membership Forecast by Area, 100%

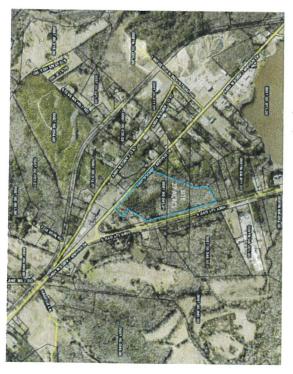
^{3.} Forecast includes impacts from residential growth as described in Lancaster County development inventory through October 2022.



BRD LAND – Connors Rezoning Meeting

Tax Parcel #0081-00-045.01

Lancaster, SC 29720



- 2. Parcel Mailing List
- 3. Community Notification Letter
- 4. 06/11/2024 Meeting Sign In Sheet
- 5. 06/12/2024 Meeting Minutes

Parcelld	OwnerName	OwnerAddress1	OwnerCityStZip
0081N-0A-015.00	ACAM INVESTMENTS LLC	5537 MONROE ANSONVILLE RD	WINGATE, NC 28174
0087-00-035.00	CHAMBERS KAREN MCILWAIN ETAL	1621 OLD CAMDEN HWY	LANCASTER, SC 29720
0081N-0A-019.00	CHURCH CANAAN FREE WILL BAPTIST INC	PO BOX 220	LANCASTER, SC 29721
0081-00-042.01	CHURCH COMMUNITY MISSSIONARY B	1592 KERSHAW CAMDEN HWY	LANCASTER, SC 29720
0087-00-040.00	DESROCHERS SUZANNE MARIE, DESROCHERS TINA ROINE	2149 HIGHWAY 521 BYP S	LANCASTER, SC 29720
0087-00-038.01	DICKSON ROBIN M	2179 HWY 521 BY PASS SOUTH	LANCASTER, SC 29720
0081N-0A-001.01	DO IT PRINTING CO INC	1873 HWY 521 BY PASS S	LANCASTER, SC 29720
0087-00-033.02	FELLOWSHIP CAROLINA LLC	1850 KERSHAW CAMDEN HWY	LANCASTER, SC 29720
0081N-0A-006.01	HOWIE ENTERPRISES LLC	135 BLACKMON CIR	KERSHAW, SC 29067
0081N-0A-002.00	JOHNSON MARK	PO BOX 1628	LANCASTER, SC 29721
0081N-0A-013.00	KENNINGTON DAVID C	PO BOX 155	LIBERTY HILL, SC 29074
0081N-0A-001.02	MASSEY TRENYATTA J	1909 HWY 521 BY PASS	LANCASTER, SC 29720
0081-00-041.00	MCCOY DRENA CLARK	1598 KERSHAW CAMDEN HWY	LANCASTER, SC 29720
0081N-0A-015.01	MCCOY DRENA CLARK TRUSTEE, MCCOY HENDRYX JAMES	1591 KERSHAW CAMDEN HWY	LANCASTER, SC 29720
0081-00-044.01	MILES JERRY B	1029 EDGEMONT DR	LANCASTER, SC 29720
0081N-0A-014.01	MILES JERRY B & SIEGLINDE F	210 E ARCH ST	LANCASTER, SC 29720
0081N-0B-009.00	MORGAN J DAVID	115 S MAIN ST	LANCASTER, SC 29720
0081-00-046.00	MUNKENS PHYLLIS LORRAINE AND KENNETH JOHN, MOBLEY ROB 1757 KERSHAW CAMDEN HIGHWAY	B 1757 KERSHAW CAMDEN HIGHWAY	LANCASTER, SC 29720
0081N-0A-017.00	RANGEL JAVIER VELASCO	1567 KERSHAW CAMDEN HIGHWAY	LANCASTER, SC 29720
0087-00-037.00	RICHARDSON RALPH J, HOULE DONNA RICHARDSON	1206 12TH AVE E	POLSON, MT 59860
0081N-0B-010.00	SHAW DAWN C ETAL	722 FARMBROOK RD	LANCASTER, SC 29720
0081N-0A-016.00	SILVESTRE MICHELLE ANAIS PEREZ	1567 KERSHAW CAMDEN HWY	LANCASTER, SC 29720
0081N-0A-001.00	SNIPES GRADY TOD	2227 POND COURT	LANCASTER, SC 29720
0087-00-036.00	STACKS DALE A	2541 OXFORD CIRCLE	LANCASTER, SC 29720
0081N-0A-012.00	STALNAKER CHRISTINA BURNHAM	1996 HWY 521 BYPASS S	LANCASTER, SC 29720
0081N-0A-007.01	STATE OF SOUTH CAROLINA THE -, OF MENTAL HEALTH -AGENT-	- P O BOX 485	COLUMBIA, SC 29202
0081N-0A-011.00	STEVENS JASON B, STEVENS KRISTY H	4722 CASCADE ROAD	KERSHAW, SC 29067
0081N-0B-011.00	STEVENS KRISTAVIOUS S	1552 KERSHAW CAMDEN HWY	LANCASTER, SC 29720
0081N-0A-014.00	TANTA FERAS	1020 SPYGLASS LN	WAXHAW, NC 28173
0081N-0B-012.00	THE HILL LLC	281 OLD GREGORY LANE	LANCASTER, SC 29720
0082-00-039.00	TODD DANNY, TODD DEBORAH	PO BOX 2685	LANCASTER, SC 29721
0081N-0B-008.00	WATTS PROPERTIES HOLDINGS LLC	PO BOX 1118	LANCASTER, SC 29721
0081N-0A-008.00	WHITLOCK BRENT K, WHITLOCK KIM M	P O BOX 1465	LANCASTER, SC 29721



May 29, 2024

RE: Connors Rezoning – Community Notification and Meeting

Dear Lancaster Neighbor,

On behalf of BRD Land and Investments (the "Petitioner"), we are providing this letter to the property owners in the vicinity of our proposed rezoning of approximately 27 acres, 1500' north of the intersection of Hwy 521 Bypass S and Kershaw Camden Hwy. We would like to extend an invite to a meeting to discuss the proposed rezoning of the Connors property. The County of Lancaster GIS records indicate that you are either a representative of a registered neighborhood organization or an owner of property that adjoins or is near our Site.

The rezoning includes Tax Parcel # 0081-00-045.01. Included on the back of this page is a vicinity map of the area we are rezoning with the parcel number, adjacent parcel numbers, and acreage for reference.

The intent of the rezoning is to change from NB (Neighborhood Business) to MDR (Medium Density Residential) to provide for the future development of a single-family neighborhood containing approximately 58 homes.

This Neighborhood Meeting will be held nearby and after working hours to provide flexibility in attendance. We invite you to attend the Neighborhood Meeting on Tuesday, June 11th at 6:30 PM. The meeting will be held at the Springdale Recreation Center – Gym at 260 South Plantation Road Lancaster, SC 29720. If you are interested in attending the live presentation and discussion session at the scheduled time, please RSVP by sending an email to SMcNab@BGEinc.com and you will be added to the attendance list. Please reference the petitioner or site location, and include your name, address, and telephone number in your RSVP so we can record your attendance. If you expect you will be unable to attend, we can also e-mail a copy of the presentation, and are happy to answer any questions.

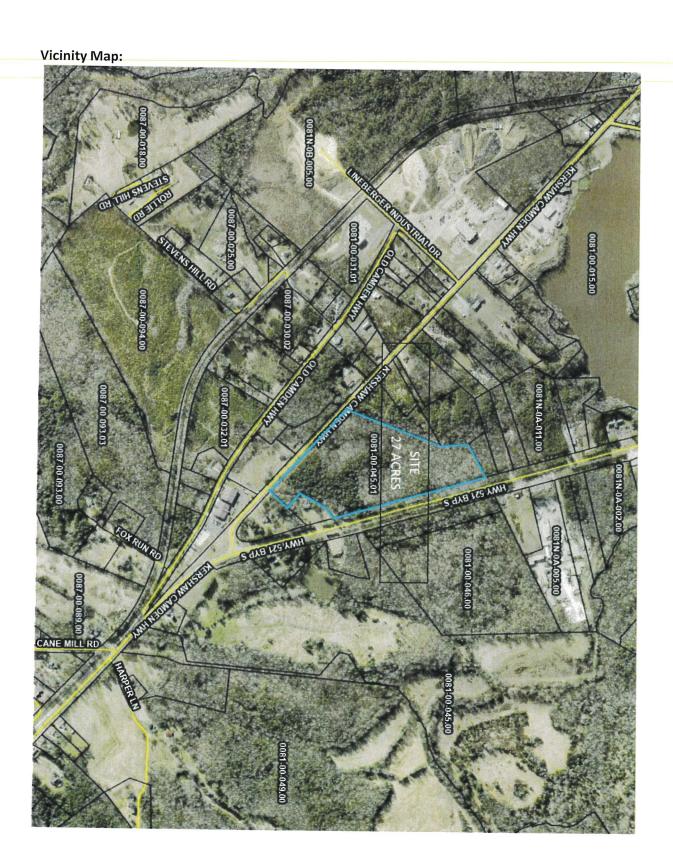
Sincerely,

Spencer McNab, RLA

Sr. Project Manager

Planning + Landscape Architecture

BGE, Inc.





Connors

6/11/2024

Name	Address	Email
Phyllis and Ken Munkens	Charl the	Micheles 210 ce
Michael Miles	10021 Southapton Commen	amail.com
Kichard A Miles	453 Seth LN LANGASTER	
	1029 Edgemont Dr LANG 1567 Kepshaw Camden HWY	uster, sc
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Connors Neighborhood Rezoning Neighborhood Meeting

Project Manager, Spencer McNab BGE, Inc. 1111 Metropolitan Avenue, Suite 200, Charlotte, North Carolina 28204

Below are the transcribed minutes of the Connors Neighborhood Meeting that took place at 6:30 PM on June 11, 2024. This meeting took place at the Springdale Recreation Center at 260 South Plantation Road Lancaster, SC 29720 Representatives from BRD Land, the developer, and BGE, Inc. were present.

Munkens: Raised a concern about runoff during and after construction on his land south of the site.

Response: The site generally drains to the north where we will situate the stormwater quality control measures. During construction erosion control measures per state guidelines will be taken to ensure runoff and erosion is at a minimum.

Munkens: Asked if there are any improvements to be made to the ROW on Kershaw Camden. Response: We are in the process of preparing a TIA and discussing with staff on what improvements, if any will be made and do not have any answer at this time.

Munkens: Asked if there was such a demand for homes in the area?

Response: Yes, there is and we do conduct market analysis on and potential project. The demand is high and is generally reflected in your home price.

Miles: What will be the cost of the homes?

Response: Since we do not yet have a developer with us and are unsure of future market trends we cannot answer at this time.

Miles and Munkens: Asked where the homes along Kershaw Camden will be facing inward and stated that Kershaw Camden can be noisy with Motorcycles and large trucks.

Response: Yes, the homes will be facing inward. We have left an area for a buffer that may include a berm, additional evergreen screening and/or a berm to mitigate noise pollution and screen the backyards from the street.



Munkens: Is there any desire to build commercial/retail here as it is currently zoned?

Response: The property has been for sale for a long time and there have not been any inquiries or interest in the area for a commercial/retail use.

Miles: Will the subdivision be age restricted?

Response: While we cannot say for certain, we are not anticipating the future development to be age restricted based upon the current age restricted developments already in the area and the limited number of homes in comparison.

Munkens: How tall will the homes be?

Response: Zoning code limits the homes to 35', so really two stories plus a roof.

Munkens: What will be the size of the homes and lots?

Response: The lots are 10,000 SF (approximately ¼ of an acre), the homes can vary in size but the

largest possible home within the setbacks would be 60' wide by 70' deep.

Miles: Where will the meeting take place with Council?

Response: In the County council chambers.

Bonilla: I own a car shop and have concern about the noise I will make with adjacent homeowners. (Northwest of site)

Response: Between your property and ours there is a stream that will have an approximately 90' buffer, it appears on your property a lot of the land adjacent to us is wooded. I don't foresee any concern, but we could address this at a later date, inform the buyers, etc.

Dixon: Will this not raise our taxes substantially?

Response: It likely will over time as this and other subdivisions are built, but it would not be immediate.

Dixon: We have a farm with animals and are concerned about people moving in and complaining. Response: You are already here so homebuyers will be aware of what is around when they buy. Your property is also located across the highway so there is a lot of separation.

Munkens: Will you be cutting down all the trees?

Response: We will cutting down trees where roads and pads will be, but will be keeping all the trees around the stream and several areas around the perimeter.



Community Meeting Attendees 06/11/2024					
Name	Name Address				
Phyllis and Ken Munkens	1757 Kenshaw Camden,	kmunkens@hotmail.com			
	Lancaster, SC				
Michael Miles	10021 Southapton Connors,	micheles210@gmail.com			
	Charlotte, NC				
Richard A. Miles	653 Seth LN				
	Lancaster, SC				
Linda Miles	1029 Edgemount Dr.				
	Lancaster, SC				
Walter Bonilla	1567 Kenshaw Camden	wbonilla.stcpro@gmail.com			
	HWY				
	Lancaster, SC				
Scott and Deb Dixon	2149 Hwy 521 Byp,				
	Lancaster, SC				

Comments on Proposed Rezoning of TM #0081-00-045.01

Prepared by: Kenneth J Munkens 1757 Kershaw Camden Highway Lancaster, SC

GROWTH IS INEVITABLE

People talk about "smart" growth but fail to see that every decision, no matter how small, has a widespread effect.

Changing zoning is one of the most important considerations as it will impact on the character of the area. Please consider the following analysis when making this rezoning decision.

REZONING REQUEST

Ben Stevens for BRD Land and Investments and owners Richard Connors et al family members have made a rezoning request for 26.94 acres located at 2941 Highway 521 Bypass (TM #0081-00-045.01).

Existing zoning is for Neighborhood Business (NB) which they request changing to Medium Density Residential (MDR) to develop a single-family subdivision.

DISCUSSION

It should be noted that this change would dramatically alter the rural lifestyle presently enjoyed by inhabitants in the area. That being said, should a decision be made to change to residential, care should be taken to make it as widely acceptable as possible.

Change zoning to Light Density Residential (LDR) which would limit it to 1.5 houses per acre as opposed to 2.5 houses per acre. Based on a sample layout provided by BRD Land and Investments, MDR would result in 58 houses being built (EXHIBIT 1). LDR would result in 40 houses being built (EXHIBIT 2). This lower density would provide many advantages.

- Increase in traffic would be far more manageable.
- Homes would be larger and of better quality.
- It would protect neighbors from the potential of a quick poorly constructed development.
- There would be less environmental impact.
- Larger buffer zones can protect existing residents.
- Could result in higher tax revenue.
- Higher income owners would promote retail and business growth.
- It would set the tone for the future of the area.
- There would be greater acceptance by the community.

At first glance builders may feel this would limit profitability. However, when considering the increased size and price of houses, as well as reduced materials and labor costs it appears to be a better alternative.

MDR	LDR
58	40
2.15	1.48
2,000	3,000
\$310,000	\$465,000
\$17,980,000	\$18,600,000
	58 2.15 2,000 \$310,000

This analysis is based on averages found in the Southeast. Even with some variation, it is clear that the economic potential is essentially the same while the rural lifestyle is less effected.

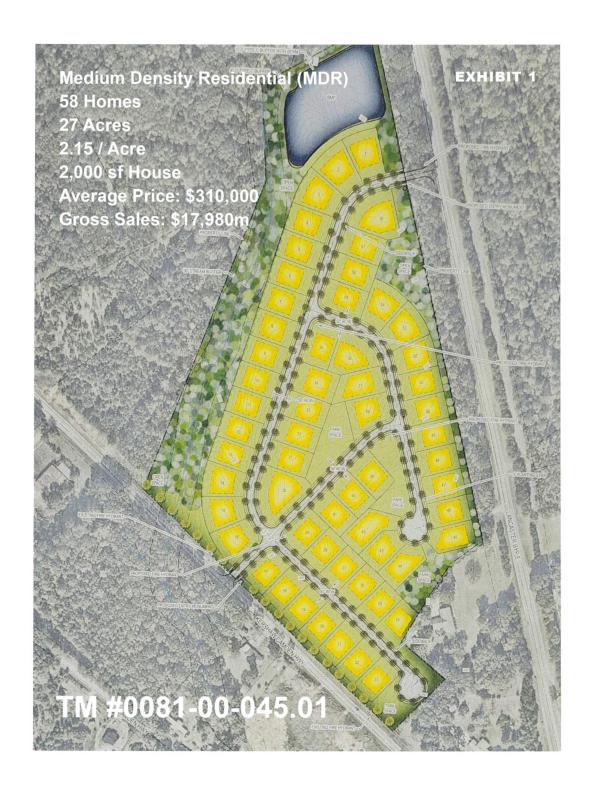
Establish One Entrance on Highway 521 Bypass as Kershaw Camden Highway has a number of challenges and risks.

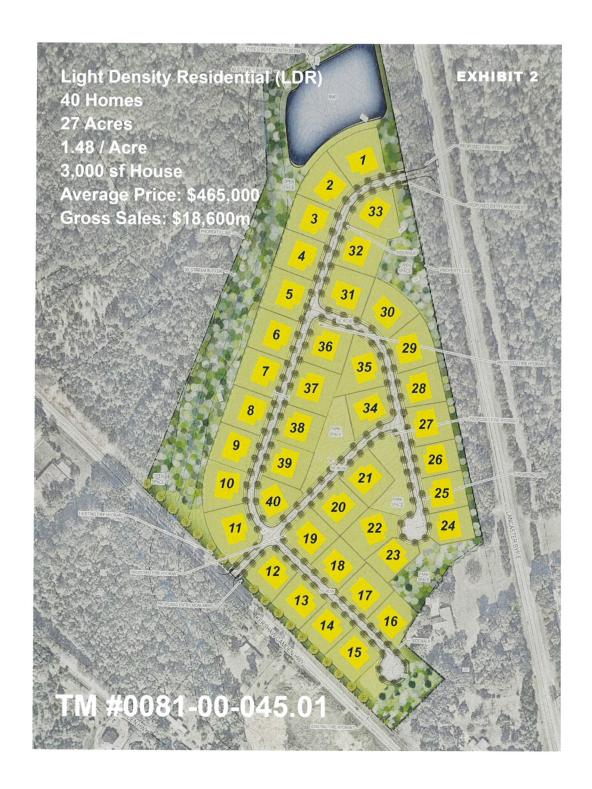
- On Kershaw Camden Highway there is a blind rise just before the street entrance to a proposed development. At 55 miles-per-hour (posted speed limit) this is a dangerous situation that will result in avoidable accidents.
- Increased traffic flow during school hours offers the potential for backups and accidents.
- The intersection of Kershaw Camden Highway and Highway 521 Bypass has been a traffic problem for a long time with many accidents occurring over the years. Additional traffic from Kershaw Camden Highway making a left will exacerbate the danger.
- Most of the traffic from the development would use Highway 521 Bypass to commute to Charlotte, as well as patronize businesses in the city of Lancaster.
- There are 36 acres of undeveloped land directly across Highway 521 Bypass from the proposed development (EXHIBIT 3). Should it become LDR there would be approximately 50 additional homes. Turn-in lanes would be logical and more efficient to build on this highway. Full disclosure; we own this parcel of land.

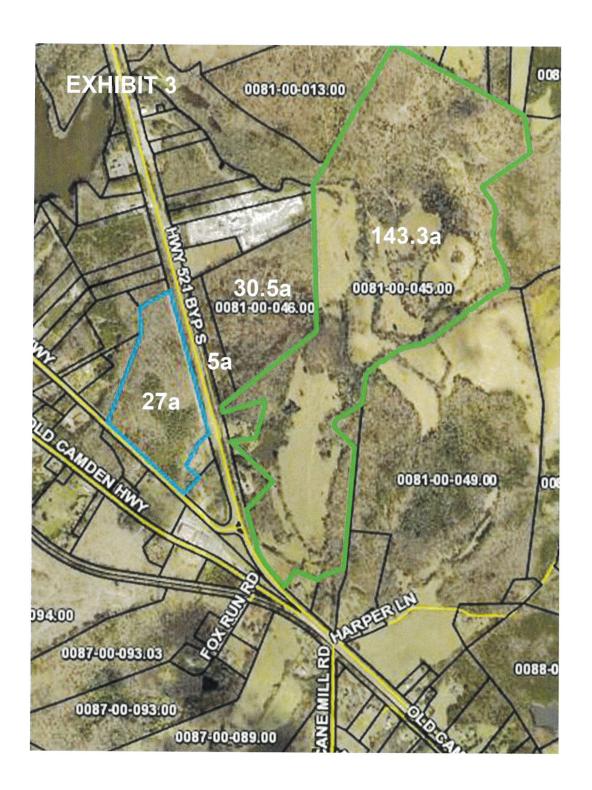
CONCLUSION

Sometimes change is necessary and somewhat painful. Rural farms and residents with large tracts of land will find their lifestyle at risk. At Medium Density Residential (MDR) there is potential for 58-135 homes being built. This is based on the assumption that if this first parcel is rezoned MDR the parcel across the 521 Bypass would as well. At Light Density Residential (LDR) that number would be 40-90 homes and most likely in nicer developments to support a higher price point. It would be far less threatening to present residents.

A simple decision, today, can set the stage for future growth in this area. Help make the transition between rural and urban better for all involved.







ATTACHMENT 4:

5f: RZ-2024-0878 Lennar/Williamson Farm Written statement: Mike Mitchum

Lenna

Introduction:

Good evening ladies and gentlemen and members of the planning commission. Thank you for allowing me the time to add my input to this important discussion on the proposed rezoning from low-density residential to medium-density residential in our neighborhood. My intention is to challenge the rezoning and to present arguments showing why this rezoning choice may not be the best decision for maintaining the character and quality of life in our community.

1. Preservation of Neighborhood Character:

One of the primary concerns with rezoning to medium density is the potential impact on the neighborhood's character. Our community has thrived as a low-density residential area, as assigned by Lancaster County, characterized by spacious homes, greenery, and a peaceful atmosphere. Introducing medium-density housing could lead to overcrowding, increased traffic, and a loss of the unique charm and quality of life that has attracted residents and now developers to this area.

2. Impact on Quality of Life:

Low-density residential zoning has ensured a high quality of life for current residents. Larger lots and fewer homes contribute to quieter streets, better privacy, and a sense of safety. Medium-density housing typically brings more noise, reduced privacy, and a change in the overall ambiance of the neighborhood. This shift can affect the mental well-being and satisfaction of current residents.

3. Infrastructure Strain / Traffic /Offsite property encroachments:

Rezoning to medium density inevitably brings more residents and vehicles into the area. Current infrastructure may not be equipped to handle the increased traffic; and while traffic studies may show low volume and usage the disrepair of the roads show that even at low usage they cannot support the usage without potholing and asphalt degradation from occasional heavy traffic all this with congestion, longer commute times, and potential strain on local services such as schools, healthcare facilities, and utilities. Upgrading infrastructure to accommodate medium-density housing could also impose additional financial burdens on taxpayers. It may be a tough sell for the other districts knowing they have to carry a significant tax burden until the areas are populated and providing tax revenues. While developers may make efforts to upgrade roads and access points it is usually only in the vicinity of their

entrances and does little for the rest of the traffic artery. Further encroachments on adjacent properties may be made if easements exist to support one property but now are viewed as upgradeable to support increased demand, also, any property situated between a public road easement and the higher density developments may be viewed as an avenue for an alternate entrance/exit to a development and fall to predatory practices by support contracted agents or even possibly from government agencies.

4. Property Values and Investment:

Many residents have invested in homes here under the assurance of stable zoning, which typically enhances property values due to the desirable living conditions it offers. Introducing medium-density housing nearby could potentially lower property values, as perceptions of the neighborhood change and demand shifts. This could have long-term financial implications for homeowners and impact their ability to sell their homes at fair market prices. To date several areas have been rezoned at the behest of property sellers and developers but very little development has matured leaving vast scarred areas contributing to weathering, erosion, and blighted landscapes. Why not support smart growth. Flesh out the zoned developments and let the synergy of growth indicate where it is smart to develop.

Conclusion:

In conclusion, while there may be arguments in favor of rezoning to medium-density residential, it is crucial to consider the long-term impacts on our neighborhood. Preserving the character and quality of life that define our area should take precedence over short-term development interests. I urge decision-makers to carefully weigh these factors and prioritize the well-being and wishes of current residents. The zoning change proposal to medium density residential is challenged in deference to maintaining current zoning as low density residential as assigned by County Council.

CONNORS ROAD

PLANNING COMMISION

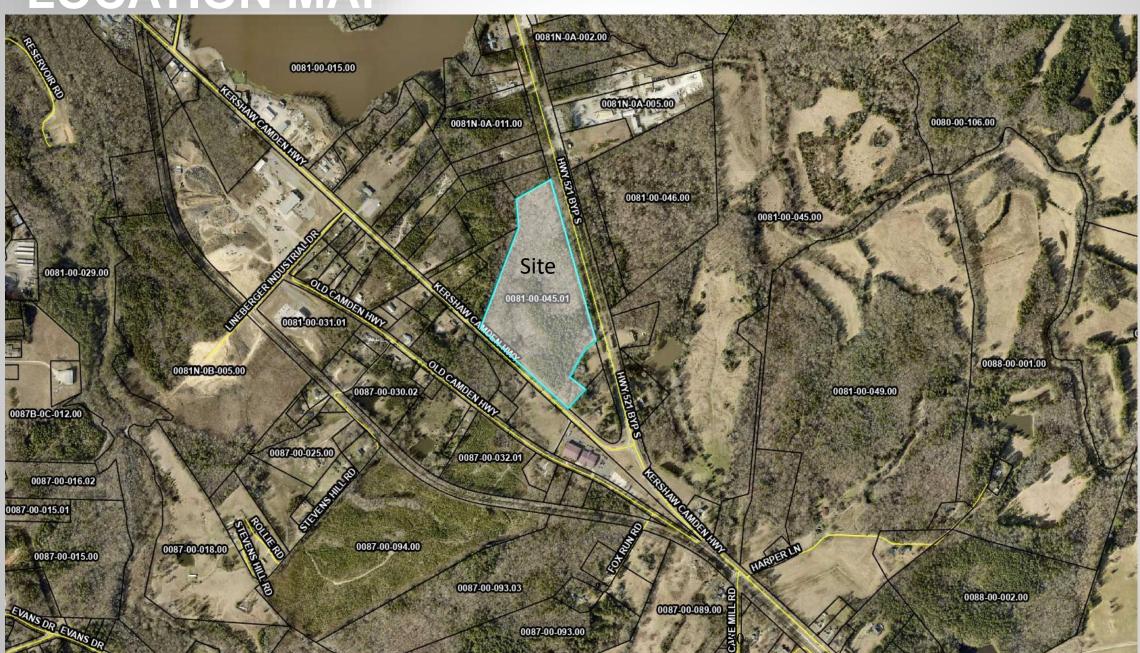
6:00 PM JUNE 18, 2024

LANCASTER COUNTY ADMINISTRATION BUILDING (101 N MAIN ST, LANCASTER SOUTH CAROLINA 28034)

PRESENTED BY:



LOCATION MAP





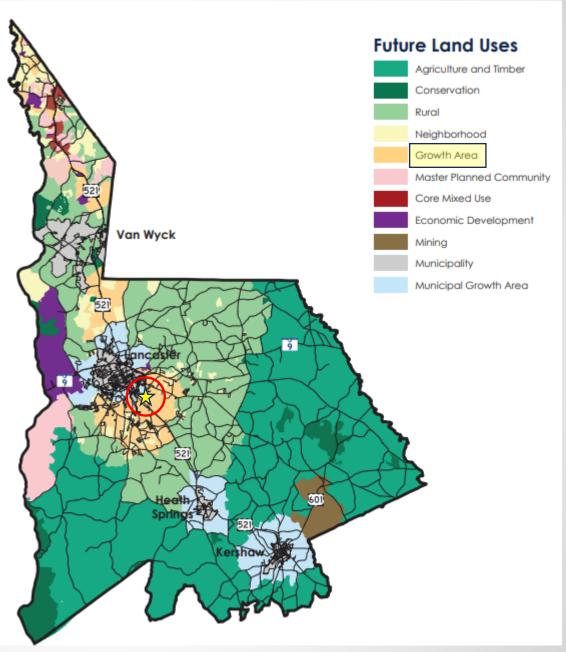
LOCATION MAP





Future Land Use – Comprehensive Plan

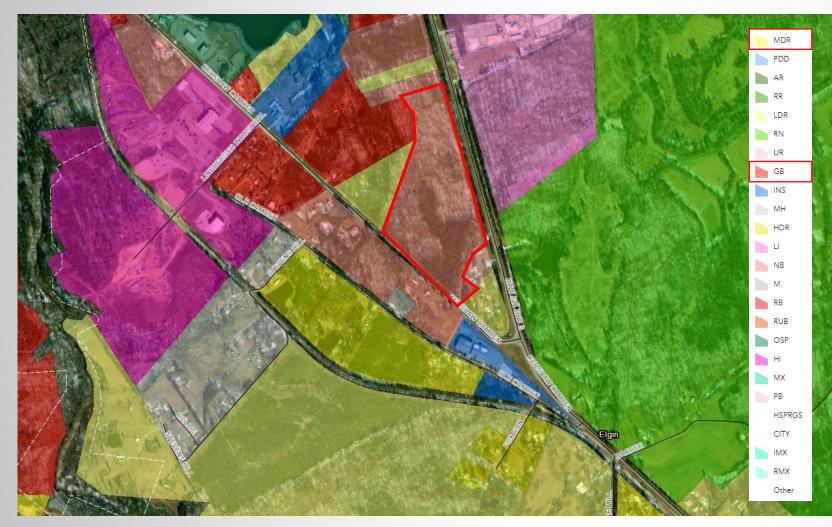
Growth Areas are designated for development based on available infrastructure and land. These areas support suburban-scale residential growth and encourage commercial development at major crossroads and along arterial streets.





Zoning

MDR – Middle Density Residential

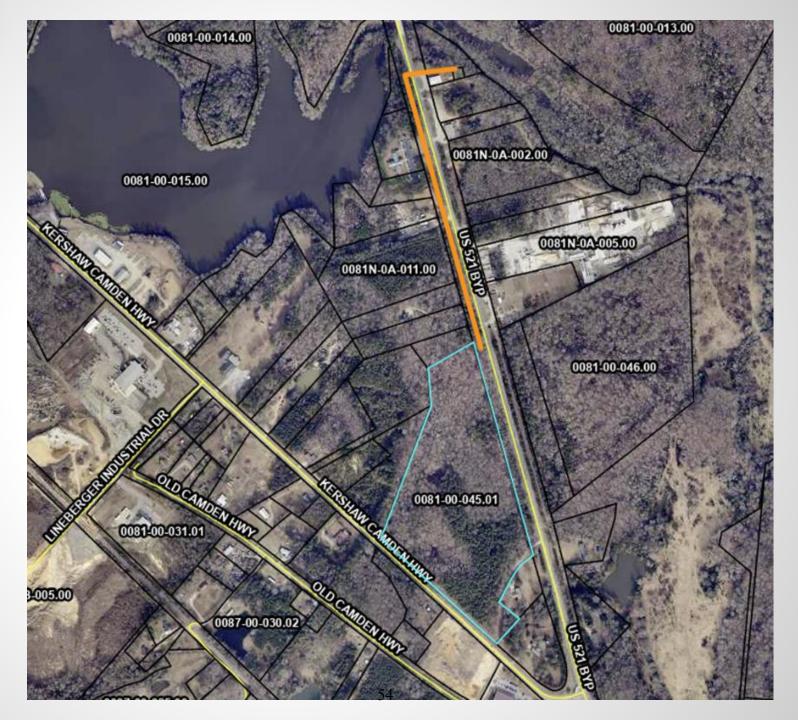


The Medium Density Residential District is established to maintain previously developed or approved single-family residential subdivisions and their related recreational, religious, and educational facilities at a density of 2.5 dwelling units per acre. Intended to act as a transitional zoning district between rural and urban development, these regulations are further intended to discourage any use which would be detrimental to the predominately residential nature of the areas included within the district

LOT STANDARDS				
A. Lot Area (minimum)	10,000 SF			
B. Lot Width at Front Setback (minimum)	70 ft Water/Sewer OR 130 ft Septic			
C. Pervious Surface (minimum)	45%			



Sewer Extension to Pump Station





Voluntary Neighborhood Meeting

Questions and Concerns From Neighbors:

Concerns about runoff during and after construction on land south of the site.

During construction erosion control measures per state guidelines will be taken to ensure runoff and erosion is at a minimum.

Asked if the homes along Kershaw Camden will be facing inward and stated that Kershaw Camden can be noisy with Motorcycles and large trucks.

The homes will be facing inward. An area for a buffer has been left that may include a fence, additional evergreen screening and/or a berm to mitigate noise pollution and screen the backyards from the street.

Owner of a car shop has concern about the noise made from business with new adjacent homeowners. (Northwest of site) Between the two properties there is a stream that will have an approximately 90' buffer as well as a large wooded area adjacent to our site on the car shop parcel.

Attendees:

Phyllis and Ken Munkens
Michael Miles
Richard A. Miles
Linda Miles
Walter Bonilla
Scott and Deb Dixon





SITE DEVELOPMENT DATA

DEVLOPER/HOME BUILDER BRD LAND AND INVESTMENTS, LF

PLANS PREPARED BY BGE, INC.

BGE, INC. 1111 METROPOLITAN AVENUE, SUITE 250 CHARLOTTE, NC 28204 WWW.BGEINC.COM SC LICENSE # LAF-424

EXISTING USES PROPOSED USE WATERSHED

58 UNITS 2.50 UNITS PER ACRE ± 2.15 UNITS PER ACRE

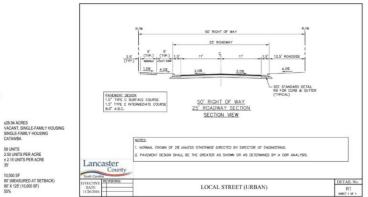
MINIMUM LOT AREA MINIMUM LOT WIDTH TYPICAL LOT SIZE MAX IMPERVIOUS COV 80' (MEASURED AT SETBACK) 80' X 125' (10,000 SF) 55%

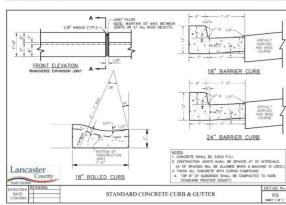
MINIMUM OPEN SPACE PROPOSED OPEN SPACE MINIMUM PARK SPACE PROPOSED PARK SPACE

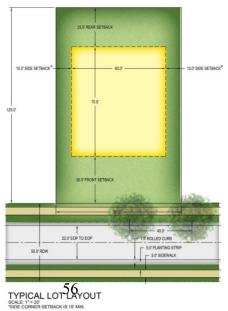
NB MDR LANCASTER COUNTY PROPOSED ZONING JURISDICTION

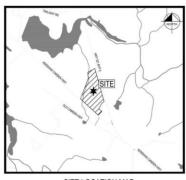
SETBACKS AND BUFFERS FRONT SETBACK SIDE YARD SIDE CORNER SETBACK REAR YARD

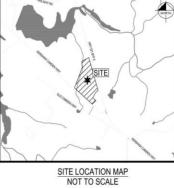
(1.5 RATIO)













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BRD LAND AND INVESTMENTS, LP 234 KWGSLEY PARK DR. SUITE 110 FORTMILL SC / 28715













Schedule

6/11/2024 - 6:00 - Neighborhood Meeting

6/18/2024 - 6:00 - Planning Commission Meeting

7/15/2024 - 6:00 - County Council 1st Reading

8/12/2024 - 6:00 - County Council 2nd Reading

8/26/2024 - 6:00 - County Council 3rd Reading



Questions?





SITE DEVELOPMENT DATA

DEVLOPER/HOME BUILDER BRD LAND AND INVESTMENTS, LP

PLANS PREPARED BY BGE, INC. BGE, INC. 1111 METROPOLITAN AVENUE, SUITE 250 CHARLOTTE, NC 28204 WWW.BGEINC.COM SC LICENSE # LAF-424

EXISTING USES PROPOSED USE WATERSHED PROPOSED UNITS MAXIMUM DUA PROPOSED DUA MAXIMUM BUILDING HEIGHT:

MINIMUM LOT AREA MINIMUM LOT WIDTH TYPICAL LOT SIZE MAX IMPERVIOUS COV

MINIMUM OPEN SPACE PROPOSED OPEN SPACE MINIMUM PARK SPACE PROPOSED PARK SPACE

PROPOSED ZONING JURISDICTION

SETBACKS AND BUFFERS FRONT SETBACK SIDE YARD SIDE CORNER SETBACK REAR YARD

CONNECTIVITY LINK

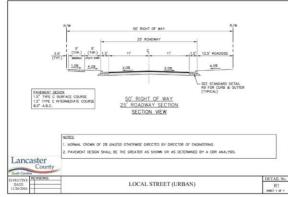
±26.94 ACRES VACANT, SINGLE-FAMILY HOUSING SINGLE-FAMILY HOUSING CATAWBA

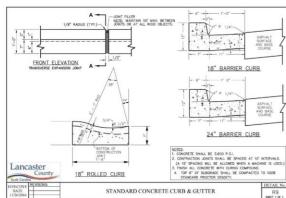
58 UNITS 2.50 UNITS PER ACRE ± 2.15 UNITS PER ACRE

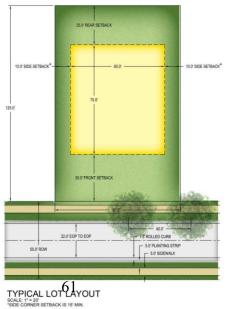
80' (MEASURED AT SETBACK) 80' X 125' (10,000 SF) 55%

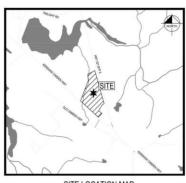
NB MDR LANCASTER COUNTY

(1.5 RATIO)











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BRD LAND AND INVESTMENTS, LP 234 KWGSLEY PARK DR. SUITE 110 FORTMILL SC / 28715

CONNORS HWY 521 BY PASS SOUTH LANCASTER / SC / 29720

CONCEPT

SITE LOCATION MAP NOT TO SCALE



Agenda Item Summary

Ordinance # / Resolution #: RZ-2024-1081 Lopez/High Point Circle Contact Person / Sponsor: M. Blaszyk

Department: Planning

Date Requested to be on Agenda: 7/16/2024

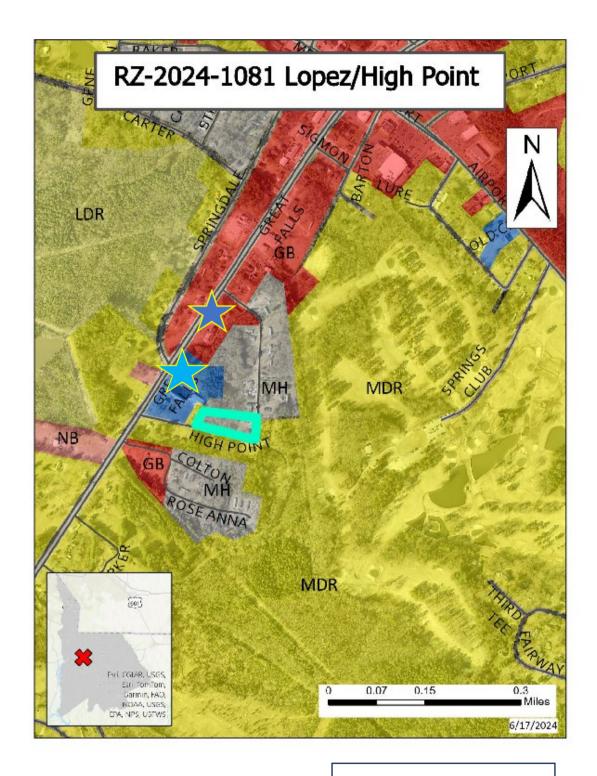
Issue for Consideration:

Points to Consider:

Recommendation:

ATTACHMENTS:

Description	Upload Date	Type
Location Map	7/5/2024	Exhibit
Staff Report	7/9/2024	Exhibit
Application	7/5/2024	Exhibit
Recorded Plat 2023/469	7/9/2024	Exhibit
Deed 1688/44	7/5/2024	Exhibit
Proposed Plat	7/5/2024	Exhibit
Table of Uses	7/9/2024	Exhibit
School Data 2022-2023	7/9/2024	Exhibit







Proposal: Rezoning MH to MDR



Highpoint Freewill Baptist Church





Frog's Bar & Grill



PROPOSAL: Request to rezone 1.53 acres of property

PROPERTY LOCATION: 1890 High Point Circle (Parcel 0086F-0B-001.00)

CURRENT ZONING DISTRICT: Mobile Home (MH)

PROPOSED ZONING DISTRICT: Medium Density Residential (MDR)

APPLICANT: Saul Lopez Jr

COUNCIL DISTRICT: District 2, Charlene McGriff

STATUTORY NOTICES: Hearing notice published 6/29/2024 in The Lancaster News

Signs posted 6/27/2024

Mailed notices 6/21/2024 - Location change 6/27/2024

Posted agenda in lobby 7/9/2024

OVERVIEW:

Proposal

The applicant has requested to rezone a 1.53-acre parcel from Mobile Home (MH) to Medium Density Residential (MDR). The intent is to divide the parcel into five total parcels, then build new homes on the 4 new vacant lots. This would be categorized as part of the minor subdivision process since 5 lots or fewer are being created.

Site Information

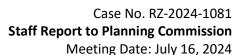
The property is located at the southernmost corner of High Point Circle behind the High Point Free Will Baptist Church, where it turns back toward Great Falls Highway. The property has an existing residence at the corner of the property along High Point Circle.

The property is currently zoned MH (Mobile Home) even though there is no mobile home on the property. The residential address is 1890 High Point Circle.

Summary of Adjacent Zoning and Uses

The properties are surrounded predominantly by MDR and MH zoned properties. There are MDR parcels located to the west, south and east, and MH properties to the north.

Adjacent Property	Jurisdiction	Zoning District	Use
North	Lancaster County	MH	Residential – single structure on property
South	Lancaster County	MDR	Residential -multiple structures on property
East	Lancaster County	MH, MDR	Residential - house on property
West	Lancaster County	MDR, INS	Residential – multiple structures on property, church





ANALYSIS & FINDINGS:

Zoning Districts

As previously noted, the subject property is currently in the MH District. As described to UDO Chapter 2.3: "The Manufactured Home District accommodates manufactured homes in a variety of settings, including manufactured home parks, manufactured home subdivisions, and a single-lot mobile home district"

Requested MDR

UDO Chapter 2.3 says of the MDR District: "The **Medium Density Residential District** is established to maintain previously developed or approved single-family residential subdivisions and their related recreational, religious, and educational facilities at a density of 2.5 dwelling units per acre. Intended to act as a transitional zoning district between rural and urban development, these regulations are further intended to discourage any use which would be detrimental to the predominately residential nature of the areas included within the district.

RELATIONSHIP TO PUBLIC PLANS

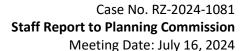
The Future Land Use Category of the subject properties is **Neighborhood**. The newly adopted Comprehensive Plan states that "the Neighborhood future land use category is applied to both existing and in-progress residential development. In rural areas, this category is only applied to major subdivisions. Neighborhoods are not likely to change in the future and the intent of this category is to preserve the character and direct incompatible uses away from formal residential neighborhoods. "

The requested MDR District is in line with the Future Land Use Category of "Neighborhood" and the overall Lancaster 2040 Comprehensive Plan.

INFRASTRUCTURE CONSIDERATIONS

Transportation

The closest traffic count stations for the subject site include one on Great Falls Highway and one on Airport Road. The Great Falls Highway station is approximately 2,700ft. from the subject site and the Airport Road site is approximately 1.05 miles. Both stations have at least three years of traffic counts and the average daily trips (ADT) number information has been pulled directly from the SC DOT Traffic Data Public Mode Map. The data shows that traffic counts are increasing after a year of decrease in 2022.





Station Id: 29-0167

Description: S 200: S- 187 (BETHEL RD) TO SC 914

(MEMORIAL PARK RD), S-25

	2023	2022	2021
AADT	6400	6000	6300
Truck %	8%	6%	6%

Station Id : 29-0277			
Description: S-25: SC 200 (GREAT FALLS HWY) TO S- 19			
(LYNWOOD DR)	2023	2022	2021
AADT	9900	9000	9800
Truck %	3%	3%	3%

Access

The subject property has frontage and access from High Point Circle.

Public Utilities

This parcel already has an existing residence. Water and Sewer are available on this parcel.

Public Schools

Elementary: Brooklyn Elementary

Middle: South Middle High: Lancaster High

Converting the subject property from MH to MDR should not negatively impact the school crowding issues in this area.

Public Safety

Fire District: Gooches 831

Fire Station Location: Gooches FD 1594 Grace Avenue Lancaster, SC 29720 Closest EMS Station: Lancaster County EMS, Station 2, 1101 Crestfield Dr



PHOTOS OF PROJECT AREA:





Facing the subject parcel at the corner of High Point Circle

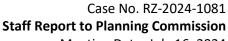




Facing the existing residence off High Point Circle



Facing the existing residence off High Point Circle



Meeting Date: July 16, 2024



ALIGNMENT WITH THE COMPREHENSIVE PLAN

- The rezoning does align with Goal GL 1.4 listed in the comprehensive plan; "Encourage renovations/redevelopment of existing housing and neighborhoods, where infrastructure already exists and housing stock needs to be improved or made code compliant."
- It also aligns with the zoning of the surrounding areas and the future land use map.

STAFF RECOMMENDATION:

Staff: Staff recommends the approval of this rezoning request.

ATTACHMENTS:

- 1. Location Map/ Zoning Map
- 2. Rezoning Application
- 3. Recorded Plat
- 4. Recorded Deed
- 5. Proposed Plat
- 6. Permitted Uses Chart
- 7. School Data Chart

STAFF CONTACT:

Matthew Blaszyk, Planner mblaszyk@lancastercountysc.gov 803-416-9380



Planning Department

P.O. Box 1809, 101 N. Main Street, Lancaster, SC 29721 Phone: 803.285.6005, planning@lancastercountysc.net www.mylancastersc.org

ZONING MAP AMENDMENT APPLICATION

SUBMITTAL REQUIREMENTS

- Completed Application
- Signatures of Applicant and Property Owner
- Deed and survey plat or boundary survey
- · Fees associated with review

SENERAL INFORMATION ,	
Property Address 890 High	n point circle
city Lancaster	_ State <u>\$6</u> Zip29720 Tax Parcel ID0086F - 08-001.00
Current Zoning MH	Current Use Plsidental home - Stick built
Proposed Zoning MO	R Total Acres 1.53
Project Description Build fou	r new single awelling residental homes will be
	of them will be two-story.
Surrounding Property Description	Across the street, there is a new home. All
other homes are mob	
CONTACT INFORMATION	
Applicant Name JAVI LUPE	Z JY
Address 3273 Shelly DNV	
	State NC Zip 28110 Phone MW 980-328-6471
	Email SAULIVIU & JANIO. COM
Property Owner Name MM L	
Address 3223 Shelly Driv	
city MONYOU	State NC Zip 18110 Phone 980-329-4471
	Email SAUL JY 14 & Yahon Com

I hereby certify that I have read this application and the information supplied herein is true and correct to the best of my knowledge. I agree to comply with all applicable County ordinances and state laws related to the use and development of the land. I further certify that I am the property owner, or his/her authorized agent, or the subject property. I understand that falsifying any information herein may result in rejection or denial of this request.

	Saul Lopez de	05/26/2024
Applicant		Date
	Saul Lepez 302	05/24/2024
Property Owner(s)		Date

Attach owner's notarized written authorization with property information if the applicant is not the owner.

L	ANC	AST	ER (COUNT	Y OFFI	CE U	SE (ONLY

Application Number	Date Received	Receipt Number
Amount Paid	Check Number	Cash Amount
Received By	Planning Commission Meeting	g Date

SCHEDULE/PROCESS 1. Submit Application

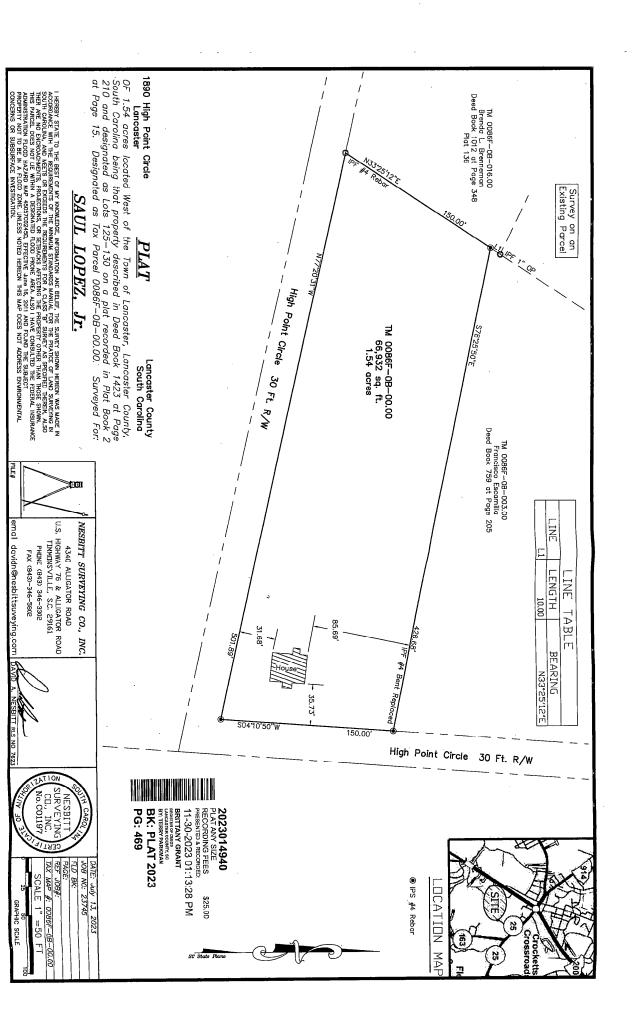
- The deadline for this application is at least 45 days prior to the Planning Commission meeting, held every third Tuesday of the month.
- Once an application is submitted, it is placed on the Planning Commission agenda for the following month.
- An application withdrawal should be made in writing and received prior to public notice in order to receive a refund.
- Rezoning Application Fee single parcel \$435.00
- Rezoning Application Fee multi parcel \$610.00

2. Planning Commission

- Conducts a public hearing on the application to receive input from Lancaster County citizens, applicant, and other interested parties.
- Reviews the application to ensure it is consistent with the Lancaster County Unified Development Ordinance, Comprehensive Plan, and all adopted County plans.
- Makes a recommendation to the County Council.

3. County Council

- Approves, denies, or submits application to the Planning Commission for further study.
- Action requires three readings for approval.
- Subsequent to final County Council action on rezoning, notice of action will be provided to the applicant, owner, and adjacent property owners.
- If applicant would like to request a special presentation, please notify the County Clerk @ (803) 416-9307 before 5:00pm on the first Monday of the month to make arrangements.



PREPARED BY TRIMNAL & MYERS, LLC

LANCASTER COUNTY ASSESSOR RECORDED THIS 19th DAY Tax Map:

STATE OF SOUTH CAROLINA

0086F 0B 001 00

OF JULY, 2023 IN BOOK 00 PAGE 00

Jagua M. D strong **Auditor, Lancaster County, SC**

COUNTY OF LANCASTER

LANCASTER COUNTY, SC 2023008920 RECORDING FEES \$15.00 STATE TAX \$91.00 \$38.50 COUNTY TAX PRESENTED & RECORDED 10:42:11 AM BRITTANY GRANT REGISTER OF DEEDS LANCASTER, COUNTY SC By: CANDICE PHILLIPS

BK:DEED 1688 PG:44-45

TITLE TO REAL ESTATE

KNOW ALL MEN BY THESE PRESENTS, THAT GEG Properties, LLC (a North Carolina Limited Liability) (hereinafter called "Grantors") in the State aforesaid, for and in consideration of the sum of THIRTY FIVE THOUSAND AND 00/100 (\$35,000.00) Dollars, to him paid by Saul Lopez, Jr. (hereinafter called "Grantee/s") in the State aforesaid (the receipt whereof is hereby acknowledged), have granted, bargained, sold and released, and by these Presents (do(es) grant, bargain, sell and release, unto the said:

Saul Lopez, Jr., his/their Heirs and/or Assigns Forever:

All those certain lots or parcels of land, with buildings and improvements thereon, lying, being and situate about three (3) miles west of Lancaster, South Carolina, in Cane Creek Township, Lancaster County, South Carolina, and designated as Lots 125, 126, and 127 on property of C. B. Culp, made by M. V. Secrest, Surveyor, May 5, 1940, and recorded in the Office of the Clerk of Court in Plat Book 2 at page 15. Said lots having a frontage of 25 fest each on Culp Street and a depth of 525, 512, and 493 feet, respectively, and being bounded on the north and west by lands of Cad L. Culp, east by Culp Street extended, south by the said Culp Street which leads out to State Highway No. 92 which said street separates said lots from other lots belonging to R.L. Anderson.

ALSO: All those certain lots or parcels of land, with buildings and improvements thereon, lying, being and situate about three (3) miles west of Lancaster, South Carolina, in Cane Creek Township, Lancaster County, South Carolina, and designated as Lots 128, 129, and 130 on property of C. B. Culp, made by M. V. Secrest, Surveyor, May 5, 1940, and recorded in the Office of the Clerk of Court in Plat Book 2 at Page 15. Said lots having a frontage of 25 feet each on Culp Street and being bounded on the north and west by lands now or formerly of Carl L Culp, east by Culp Street extended and south by property of Fed Byrd.

Being the property conveyed to GEG Properties, LLC by Deed recorded April 6, 2021 in Deed Book 1423 Page 210 in the Register of Deeds Office for Lancaster, SC.

TMS# 0086F-0B-001.00

Grantee's Address: 3223 Shelby Dv

This conveyance is made subject to all existing easements, restrictions, rights of way and/or encroachments.

TOGETHER will all and singular the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD, all and singular the said premises before mentioned unto the said **GRANTEE/S**, Their Heirs and/or Assigns forever.

AND the said **GRANTOR/S** do hereby bind themselves and their heirs and/or assigns to warrant and forever defend all and singular the said premises unto the said GRANTEE/S, Their Heirs and/or Assigns, against Themselves and Their Heirs and/or Assigns and against every person whomsoever lawfully claiming or to claim the same, or any part thereof.

WITNESS our Hand(s) and Seal(s) this 19th day of July in the year of our Lord 2023.

SIGNED, SEALED AND DELIVERED	
IN THE PRESENCE OF:	GEG Properties, LLC
101/10	(a North Carolina Limited Liability Company) BY: Rocal Carolina Limited Liability Company)
1 my opposit	BY: VKor. Co
Witness #1	
	IT'S: Manho
Withess #2	10 (60) 01 0
STATE OF SOUTH CAROLINA) COUNTY OF LANCASTER)	ACKNOWLEDGEMENT
I, Brian Triana	_, Notary Public for the State of SC,
do hereby certify that GRANTOR/S perso	anally anneared before me this day and acknowledge

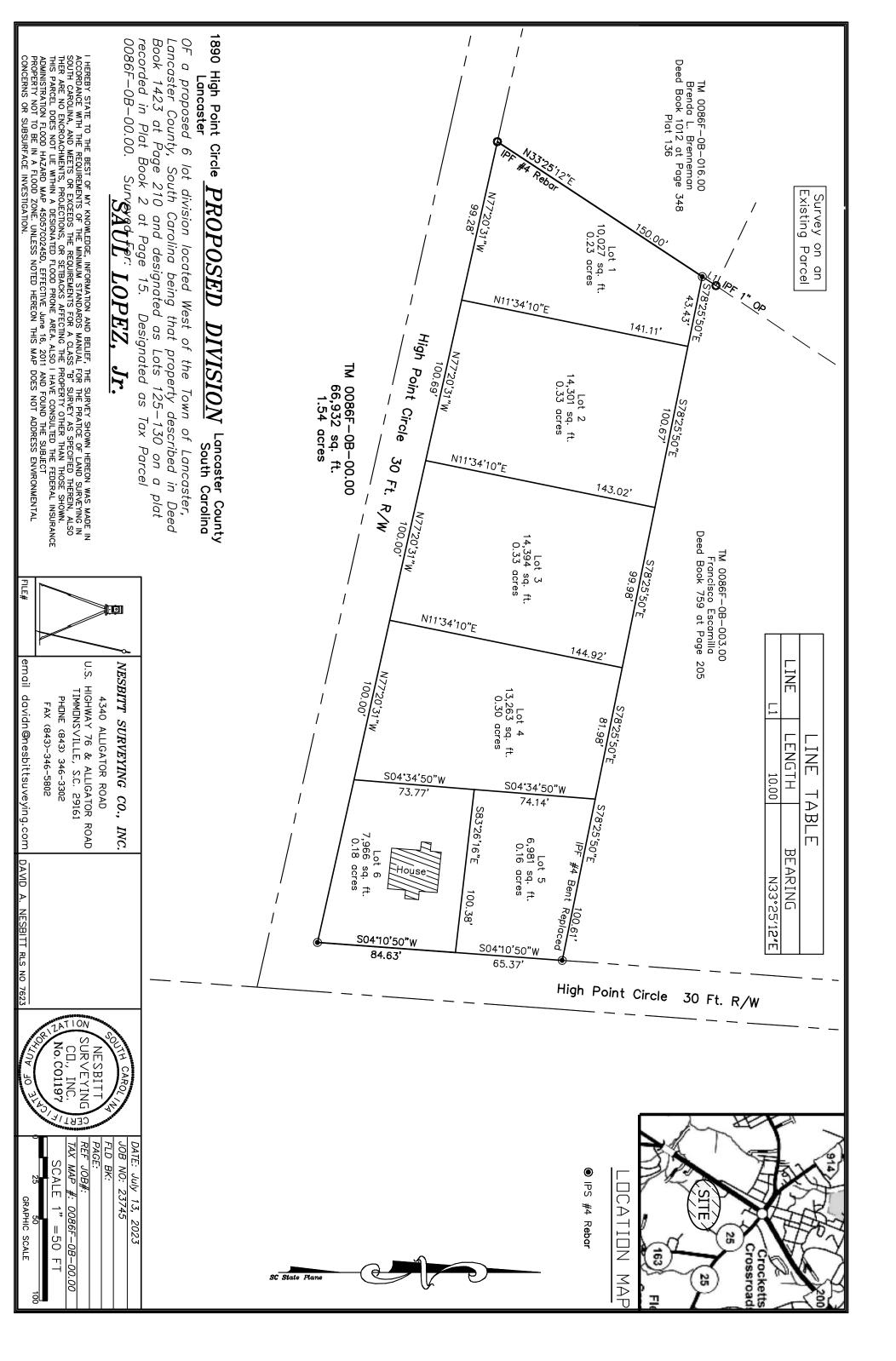
do hereby certify that **GRANTOR/S** personally appeared before me this day and acknowledged the due execution of the foregoing deed.

Sworn before me this 19th day of July, 2023

Notary Public for the State of SC

My Commission Expires:

BRIAN O. TRIMNAL
Notary Public-State of South Carolina
My Commission Expires
September 25, 2030



2.5 USES PERMITTED

2.5.1 USE CATEGORIES

All uses permitted in this ordinance have been divided into 10 general categories and are generally defined as follows:

- A. Residential: Premises available for long-term human habitation by means of ownership and rental, but excluding short-term leasing or rental of less than a month's duration.
- **B.** Lodging: Premises available for short-term human habitation, including daily and weekly rental. These are measured in terms of lodging units: a lodging unit is a furnished room of a minimum 200 square feet that includes sanitary facilities and may include limited kitchen facilities.
- **C.** Office/Service: Premises available for the transaction of general business and the provision of services, but excluding retail sales and manufacturing, except as a minority component (less than 50% of the gross square footage).
- **D.** Commercial/Entertainment: Premises available for the commercial sale of merchandise, prepared foods, and food and drink consumption, but excluding manufacturing.
- **E.** Civic: Premises available for organizations dedicated to religion, government, arts and culture, recreation and sports, and other similar areas of public assembly.
- **F.** Educational/Institutional: Uses and premises dedicated to education, social service, health care, and other similar functions.
- **G.** Automotive: Uses and premises accessed predominately by or dedicated to the sale, maintenance, servicing and/or storage of automobiles or similar vehicles.
- H. Manufacturing/Wholesale/Storage: Premises available for the creation, assemblage, storage, and repair of items including their wholesale or retail sale.
- I. Agriculture: Premises for growing crops, raising animals, harvesting timber, and harvesting fish and other animals from a farm, ranch, or their natural habitat and all related functions.
- J. Infrastructure: Uses and structures dedicated to transportation, communication, and utilities.

2.5.2 INTERPRETATION OF USE MATRICES

- A. Permitted/ Prohibited Uses: Uses not listed as Permitted (P); Permitted with Review (PR); Permitted with Conditional Use (CU); or requiring a Special Exception (SE) are Prohibited (-) from the applicable zoning district and PR, CU, and SE are defined in Section 5.1.1.
- B. Uses Not Listed: In the event that a particular use is not listed in the Use Matrix, and such use is not listed as a prohibited use and is not otherwise prohibited by law, the Administrator shall determine whether a materially similar use exists in this chapter. Should the Administrator determine that a materially similar use does exist, the regulations governing that use shall apply to the particular use not listed and the Administrator's decision shall be recorded in writing. Should the Administrator determine that a materially similar use does not exist, this chapter may be amended to establish a specific listing for the use in question through the text amendment process established in Chapter 9 and the use definition added in Chapter 10.
- C. Materially Similar Uses: The Administrator may determine that a use is materially similar if a permitted use is similarly classified by one or more of the following use classification systems:
 - 1. American Planning Association Land-Based Classification Standards (LBCS)
 - 2 North American Industrial Classification System (NAICS)
 - 3. Institute of Transportation Engineers (ITS) Trip Generation Guide

Section 2.5.3 Use Table (For detailed Use Definitions see Chapter 10.)

Section E.S. OSG IADIG (1.01 ACIAHCA OSC COMMINOTIS SCO	וכת חיו		THEOTIE		Original Co.	(-			-	-	Commission	
USE TYPES			RURAL				T.	TRANSITIONAL	VAL				SPECIAL				NEIGHE	NEIGHBORHOOD	0		
A. RESIDENTIAL	AR	RR	RN	RUB	MH	LDR	MDR	PB N	NB GB	3 RB	INS	SS a	П	豆	Σ	R.	표 F	RMX	MX II	IMX	REF
Dwelling - Single Family	<u>а</u>	а.	а.		۵	۵	 	i.			•	,		1		<u>a</u>	-	Ь	Ъ	,	
Dwelling - Two Family					16		PR	PR.	'								PR	1	1	,	5.2.1
Dwelling - Three Family, Four Family	4				1		1	H.	'	,						1	1	1	ı		5.2.3
Dwelling - Townhome	,) -	S. S.	1	1	1	,		1		Д	Д	Ъ	Ъ	Д.	
Dwelling - Multifamily				,						PR	ï	•				,	PR	PR	PR	-	5.2.2
Dwelling - Accessory	H	PR	H.			H.	PR	PR	1	r	i	1	1	1	1.	PR	PR	1	_		5.2.3
Halfway Homes				,			,		SE.	1	S	,	1		1		1	1	ï	1	5.2.4
Live-Work Units	1	,	1	PR		i	,	PR P	PR .	•	•				-	1	1	PR	PR	PR	5.2.5
Manufactured Housing	PR	H.	,	1	H	1	ī		_		•	1	ı	,	1		•	1	1	1	5.2.6
Manufactured Home Park	SE	1		1	SE		i		'	-	1		ı	1				•	1	,	5.2.6
Residential/Family Care Home (5 or fewer residents)	۵	۵	<u>a</u>	1	۵	۵	а.			'	,	1		1	i		Ь	Ь	Ь	Д	
Residential Care Facilities (6 or more residents)	1	1	1	PR	j.	ı	1	i	PR PR	A PR	H				,		2	1	PR	PR	5.2.7
B LODGING	AR	RR	NA.	RUB	MH	LDR	MDR	PB	NB	GB RB	SN INS	OSP		Ī	M	UR	FDR	RMX	MX	IMX	REF
Bed and Breakfast Homes (up to 8 rooms)	PR	H.	R	H		R			-	-	_	-	,	,	,	R	PR	,	H.	PR	5.3.1
Bed and Breakfast Inn (up to 12 rooms)	1	,			1		,	,	몺	,	PR			i	,		ı		PR	H.	5.3.1
Boarding or Rooming House						,	î	,		<u> </u>	PR	1	ŀ		ī			1			5.3.2
Campground	SE	SE				1			7			SE			1		,	1	,		5.3.3
Dormitory	,						1		ı	'	Δ.	,	,			,				ı	
Fraternity/Sorority House	1		1	1	T				1		<u>а</u>	1	,		,	1		,			
Hotel/Motel					1				1	А	а.		,		,	1	1	ï	Ь	ட	
G. OFFICE/SERVICE	AR	RR	RN	RUB	MH	LDR	MDR	PB	NB	GB R	RB INS	OSP	_	Ξ	M	R R	HDR	RMX	MX	IMX	REF
ATM	1	ı	ı	Ъ			,		۵		Ь	ī	Д.	aj r		r		1	۵.	Д.	
Banks, Credit Unions, Financial Services	1			Д	•	1			Д	Р	РР	1	Ъ	1					۵	Д	
Business Support Services			,	ı	1		r		Ь	Ь	Р	,	Д	ï	,			ī	Д	۵.	
Crematoria	,		1	1		1	,	,		0 -	cn -	•	റാ				1	1	ı		5.4.1
Dry Cleaning and Laundry Services	1	,	1	ì	1	1		,	Ь	Ь	-	1	Δ.	·	-	200	1		а.	Д	
Funeral Homes		,	,	а	,	,	1	,	_	<u></u>	-	1	,i.		•		1		Ъ	д	
Home Occupation	쫎	H	H		R	R	K	,	1			1		а		H	PR	PR	PR	PR	5.4.2
Kennels, Indoor	R	PR	R	R	,		ĭ		H.	PR P	PR PR		H						PR	PR	5.4.3
Kennels, Outdoor	PR	H.	3	PR					T	,	co co	1	3		1		•	•		1	5.4.4
Medical Clinic			ı	PR	1			PR	PR	PR F	PR -	1	1	1			1		PR	PR	5.4.5
P – Permitted by Right		PR	– Pern	PR – Permitted with Review	/ith Re	view			CU –	Sonditic	nal Use	cu – Conditional Use Required	pe,		SE	- Speci	al Exc	eption	SE - Special Exception Required	þ	

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Lancaster County Unified Development Ordinance – Use Table

IISE TYPES			RURAL					TRANSITIONAL	ONAL				SPECIAL	SIAL			NE.	NEIGHBORHOOD	доон		
C OFFICE SEBVICES (CONTINUED)	AP PB	BB	NB	RIB	MHE	THE PERSON	MIDIE	56	EN EN	e:	38	NS C	II dso	THE STATE OF	M	UR	HDR	100	RMX MX	IMX	IMX REF
Dorsonal Carrices	-	- THE PERSON OF		0			-	1	Ь	ESS T-SS				TO STATE OF THE PARTY OF THE PA		-			۵.	۵	
Personal Services. Restricted	,		1	,	i	,	١,	1		ļ.,	R				<u> </u>	'			1.	r	5.4.6
Post Office			ı	Д			ı	_	۵	_	۵	<u>_</u>		1	'	-			Δ.	Ь	
Professional Services	ı			۵				۵	۵.	Д.	а.	а.	,	١,	'	'		ï	а.	Ф	
Small Equipment Repair/Rental			,	م			,		1	۵	а.			В	,	'		ı	Д	۵	
Veterinary Clinic				<u>а</u>				· ·	۵	<u>a</u>	<u>a</u>			٠,		1	1	1	Д.	Д	
D. COMMERCIAL/ENTERTAINMENT	AR	RR	R	RUB	MH	LDR	MDR	æ	SE SE	89	- E	NS C	OSP LI		M	r UR	HDR	RMX	MX	IMX	REF
Alcoholic Beverage Sales Store	-	-		۵.		,	-		,	Д.	Д.	1		1	_	'		.4	Д		
Amusements, Indoor			,	<u>а</u>						а.	۵	-		ا ا	1			1	Д.	ď	
Amusements, Outdoor	,	,	,	R			,			,	CO	ī	CO -	ח		1		•	ı		5.5.1
Bar/Tavern/Brew Pub				3	1	1		,		3	PR.	1		1		,	,		R	1	5.5.2
Billiard/Pool Hall		,		3	i	1	ı£	ı		1	Δ.	r		1	1	1	'	1	,	1	
Brewery		ı	4	۵	ī	1	1		1	ட	а.	_			-	,		'		Д	
Distillery	Al	1		,		,	ı			ı	а.	-	-				x	f	1		
Food Truck	1	ı			1	,		,	,	PR	PR	PR	- PR	R PR	~		1	1	PR	PR	5.5.3
General Commercial	1	î	,	PR			,		PR-	H.	PR		1	r			1	1	PR	H	5.5.4
Night Club	1	,			,		,			,	PR		1	•	'		•	•	,	1	
Outside Sales		1		R		,			8	H.	PR.	H.	1		r		1	•	R	R	5.5.5
Outside Sales, Sidewalk Sales		,	1	PR			,		H.	PR F	H.	H.	1	•			,		PR	PR	5.5.6
Pawnshops	1		1	PR	1	,	ı	1	,	H.	PR		1	1		1	ı	ž.	1	ı	5.5.7
Racetrack		ı	•	ı	1	1	1		1	1	_		'	3	-		1	t	1	1	5.5.8
Restaurant	1	ı		PR	,	1	1	,	CO	PR F	PR	PR	'			1		1	光	PR	5.5.9
Riding Stables	۵	Ь	۵	Д.	,	,	ı	٠.	1		,		٠,	-	1	1	1		,	,	
Sexually Oriented Business/Adult Entertainment	,			,		1		,	í	ı				SE		-	1	_	1		5.5.10
Shooting Range, Indoor				R	,			,	1	H.	PR		- PR	R PR	-		'	ř	T		5.5.11
Shooting Range, Outdoor	SE	1				1							- SE	E SE		1	1	1	'	1	5.5.12
Theater: Indoor Movie or Live Performance	,	ï	,			1		,		۵	۵.	Д	1		1	•			Д.	础	
Theater, Outdoor (Amphitheater)	R	ī	£	PR	1	1		ı	,		PR F	H.	PR -		1		1		쫎	R	5.5.13
P - Permitted by Right		D.	- Per	PR – Permitted with Review	with R	eview			-00	 Conditional Use Required 	ional (Jse Re	quired		0,	S - 35	oecial E	Except	Special Exception Required	uired	

Lancaster County Unified Development Ordinance – Use Table

SHOTT HELE		RU	RURAL				TRAN	TRANSITIONAL				S	SPECIAL				NEIGHB	NEIGHBORHOOD	0		
E. CIVIC	AR RR		RN RUB	B MH	3	R MDR	8 B	묑	89	82	SNI	OSP	п	豆	Σ	E.	HDR R	RMX N	MX IN	IMX	REF
Cemetery	\vdash	-	H	\vdash	_	A PR	,	H	PR	PR	PR	1	ı	1	×	,	PR	-	_	PR (5.6.1
Conference/Convention Center		-	<u>'</u>	Ľ		'	.		₾	Д	۵		î	,		,			Д.	Д.	
Cultural or Community Facility	·		<u>а</u>	'	_		_	Д.	а.	а	۵	,		,		1	-		Ъ	Д	
Event Venue/Banquet Hall	۵	<u>م</u>	PR PR	1	4	R	R PR	H.	Ж	H	R					r		,	PR F	PR (5.6.2
Places of Assembly	PR	R.	PR PR	S CU	U CU	D C	J R	H.	H	PR	PR		PR		•		CO			D)	5.6.3
Private Recreation Facilities			- PR	ا د	<u>'</u>	,	'	R	H.	PR	PR	í		1				1	PR	PR	5.6.4
Public Recreation Facilities	PR	R.	PR P	PR PR	_	R PR	R PR	H	R	PR	PR	PR	ı		ı	R	PR	PR	PR	PR	5.6.5
Public Safety Station	۵	ட	4	Р.	-		Д	Ь	Д.	Ь	а	1	۵	۵	,				ட	<u> </u>	
Sports Arena/Stadium (4,000 or more seats)	,	r				1	1	1		CO	D)	1	3		1			ī	-	3	5.6.6
F. EDUCATIONAL/INSTITUTIONAL	AR	RR	NA NA	RUB MH		DR MDR	R PB	82	GB	RB	INS	OSP		豆	Σ	UR	HDR R	RMX	MX	IMX	REF
Child/Adult Day Care Home (5 or fewer persons)	_	_	-	-	Ľ	R PR	R R	-	光	R	R		1		ī	PR	PR	ı	PR	PR	5.7.1
Child/Adult Day Care Home (6 or more persons)	-					ŀ.	1	R	H.	H.	H	,			,		,	ı	PR	PR	5.7.2
College/University	ı					ŀ		•		,	₽	,	1			ï	,	ï	Ь	Ь	
Community Support Facility	ï	1	,	PR					R.	H.	H			,	1	ï	1	ï			5.7.3
Correctional Institution	1				1						റാ		SE	SE	ı	π	,	1	1		5.7.4
Day Treatment Center		,		1			1	•	Ж	Ж	PR		PR	i	1		2	1	1		5.7.5
Hospital			,				1		1	₾	۵	ı	Д		,	,	1	,			
Operations, Maint, and Fleet Service Facility	1	i	1	SE				1	R	R	PR	1	PR	PR			1	,	ī	PR	5.7.6
Schools - Elementary and Secondary	PR	R.	R.	R.	,	PR C	no no		3	3	R		,	t	ť	CO	വ	CO	CO	23	5.7.7
Schools - Vocational/Technical		1		<u>_</u>			1	Д.	Д	<u>а</u>	Δ.	ī	Ь	Ь	ı		1	,	Д	Д.	
Studio – Art, dance, martial arts, music	۵		,	а.	1	,	٠.	Ъ	Д	Ь	Д	1	凸	1	1	1			Д.	ட	
G. AUTOMOTIVE	AR	RR	RN	RUB	MH L	DR M	MDR PB	a NB	GB	RB	SNI	OSP		五	M	R.	HDR	RMX	MX	IMX	REF
Drive-Thru/Drive-In Facility		,		R	,		,	3	H	H.	1		PR	PR					PR	PR	5.8.1
Electric Vehicle Charging Stations	PR	PR	R.	H.	H.	H.	PR PR	R R	H.	R	PR	PR	PR	PR	PR	R	PR	PR	PR	PR	5.8.2
Heavy Equipment/Manufactured Home Rental/Sales/Repair	1	1	ı		1				1	SE	1		PR	PR		1			1	1	5.8.3
Parking Lot/Structure - Principal Use	i		,		1			•	PR	PR	R	1	R	PR		1	1		PR	H	5.8.4
Vehicle Rental/Leasing/Sales		1		H.		1	1	,	PR	PR	,	,	1	t	ŗ	1			23	C	5.8.5
Vehicle Services - Minor Maintenance/Repair		1		<u>_</u>	,			no	no	PR	t)	•	R	PR	1	1	ı	1	5	5	5.8.6
Vehicle Services - Major Repair/Body Work	,			H.			# #	-	CO	PR			H	H.				-	,	ï	5.8.7
P – Permitted by Right	п.	R - P	PR – Permitted with Review	d with	Reviev	,		3	- Con	cU – Conditional Use Required	Use R	equire	77		SE	Specia	Special Exception Required	tion Re	equirec		

Lancaster County Unified Development Ordinance - Use Table

F. M. R. R. R. R. R. L. M.	USE TYPES			RURAL				-	TRANSITIONAL	IONAL				SP	SPECIAL				NEIGH	NEIGHBORHOOD	8		
organisation of the control of the c	H. INDUSTRY/WHOLESALE/STORAGE	AR	RR	RN		MH		MDR	BB	SE SE	GB GB	RB.		OSP			M	位于	经验	-XMS	ΜX	X	REF
And the control of th	Artist Studio/Light Manufacturing Workshops	-	-	-	Ъ	1	-	1	-	-	<u> </u>	Д.			Ъ	Ь	1	ıŭ	1		Д.	۵	
Although the control of the control	Industry, Light	,				,		ī				1		1	Ь	Ь	,	1		1		ı	
Attack Attack<	Industry, Heavy							1	1	1			1	r		Ь		r			,	1	
Simple S	Industry, Restricted		,	,	1			1	ı	,	1	-1			ı	PR	-		-		-	-	5.9.1
Adjoin 1 <td>Junkyard</td> <td>1</td> <td>,</td> <td>1</td> <td>,</td> <td>1</td> <td>,</td> <td>ĵi</td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td>,</td> <td>SE</td> <td></td> <td>ı</td> <td></td> <td></td> <td></td> <td>1</td> <td>5.9.2</td>	Junkyard	1	,	1	,	1	,	ĵi				,			,	SE		ı				1	5.9.2
Atjohn 1.0<	Landfill - Class Two	1	,		1		,		,	,	1				SE	SE	,	-				-	5.9.3
tion PR P	Landfill - Class Three	ı	ι	ı	1		,	,	1	,	,		,	1	·	SE		1	·		1	,	5.9.4
ion PR	Mining - Major In-Depth Resource Extraction							1				ï	1		,	SE	Д.	1				1	5.9.5/6
adilities 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Mining - Minor Surface Resource Extraction	PR	H	PR	PR				,		PR	PR	PR		PR	PR	Ь	ı		PR	PR	PR	2.9.6/7
adillifes 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Private Recycling Collection Stations		,	1	,	1	,	ı		,			PR	1	PR	PR		i.	,		,	1	5.9.8
	Public Recycling and Waste Collection Facilities	,	,		PR		•		1	1		1	PR	Ŧ	PR	PR		1		1			5.9.9
.	Research and Development Facilities		,		1		r.	ı		,	Д	۵		b	Ь	Ь	,	ì		1	,	۵	
.	Storage - Outdoor Storage Yard	,	a.	ı	1	ı	1		ì	1	PR	PR		í	PR	PR		1		1	1	1	5.9.10
CO CO <td< td=""><td>Storage - Self Service (Mini)</td><td></td><td>,</td><td>,</td><td></td><td></td><td></td><td></td><td>1</td><td>а</td><td>PR</td><td>PR</td><td>1</td><td>ı</td><td>PR</td><td>PR</td><td>,</td><td></td><td></td><td>1</td><td>,</td><td>-</td><td>5.9.11</td></td<>	Storage - Self Service (Mini)		,	,					1	а	PR	PR	1	ı	PR	PR	,			1	,	-	5.9.11
	Storage – Warehouse Indoor	,	1	1	,	1		1	,	1	CO	PR	ı	î	PR	PR		1	1	1	ı	H.	5.9.12
	Storage - Warehouse Indoor, Restricted	'		ı	1	1		1		1		,	,	,	PR	PR		1		-		1	5.9.13
	Wholesaling and Distribution	1	,	ı	,		,	,	1		,	PR		,	Д	Д.		T	,		,	Д	5.9.14
	Wholesaling and Distribution, Restricted	,		ı	,	i.	,			1	1	1	,	ī	R	R	,	ı		1		ı	5.9.15

I AGRICULTURE	AR	AR RR RN RUB I	æ	RUB.	НМ	LDR	MDR	8	8	GB	RB INS		OSP		-) 	R H	DR R	WX .	= ×	×	佐
Agriculture and Crop Production/Harvesting	Д	Ф	Д	Ф	,	1	1	,	1	1	1	Д.		Д	Д				1			
Agricultural Support Services/Nurseries	۵	Д	۵	ட		1		,	Ь	Ь	Д.	4	1	Д	Д	1	,	-	1		۵.	
Agritourism	۵	۵	۵.	ட		,					1	,		,		1	1		1		_	
Animal Production/General Farms	PR	PR	PR	PR	ı	PR	1			1		,	1	1		1		_	1	1	. 52	5.10.1
Animal Production Facilities, Non-Swine	H.	1	,	,	ī		,	,	1		1		1	,		1	1	_		1	. 5.	5.10.2
Animal Production Facilities, Swine	SE	1		1	n	10	ı	ı				ı	1		<u>6</u>	-6	,			1	.2	5.10.3
Apiculture (Bee Keeping)	ட	۵	Д	ட		۵	ı	1	Ь		1	_	Д	,	-	1			_		0	
Backyard Pens/Coops	ட	Д	۵	۵		۵	PR	PR	1		1	R	1	,	1	_	_	-			PR 5.	5.10.4

P - Permitted by Right

PR - Permitted with Review

CU - Conditional Use Required

SE - Special Exception Required

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Lancaster County Unified Development Ordinance - Use Table

USE TYPES			RURAL					TRANSI	TIONAL				3	PECIAL				NEIGHBC	HBORH	doo	
1. AGRICULTURE (CONTINUED)	AR	RR	RN	RUB	MH	LDR	MDR	8	BB	88	88	INS	OSP	=	Ξ	Σ	UR	HDR	RMX	MX	IMX
Commercial Stables	П	Ъ	Д	а	1	1	•	ı	Ъ	Ь	Ь		1		,	į		,			
Ecotourism	. 🕰	ட	Ъ	Ъ	٠		ì	1	ř		t		t	ı				1		1	3
Farmer's Markets and Roadside Stands	H	PR	PR	PR	PR	PR	PR	PR	H.	PR	PR	PR	PR	PR	PR	R	PR	PR	PR	R	H.
Forestry	۵	۵	Ъ	۵		Ф	·	-		Ь	Д	Ь	Д	Д	ட	۵				1	1
Gardens (Community and Private)	Д	۵	А	۵	Д.	Ь	Ь	Ь	Ф	Д	۵	Д	Д	௳	۵	Д		۵	ப	۵	а
Wineries	PR	H	R	H		,	,	ī	,	ì		î		ŧ	ı		r	,	,		1

										-		The state of the s	The same of the sa		The same of the sa	The same of the same of the same of	THE REAL PROPERTY AND PERSONS ASSESSED.	Charles of the Supplement				Anny continuous supple
J. INFRASTRUCTURE	AR	RR	R.	RUB	MH	LDR	MDR	PB	NB	GB B	RB	NS (OSP	П	豆	M	LR.	표	RMX	MX	MX	REF
Airstrip/Airport	ï	ú.	ı	1		ı		r	,			PR	,		PR				1	í		5.11.1
Geothermal Energy Systems	R	H	PR	H	H	H	H	R	R	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR :	5.11.2
Solar Energy Systems	R	R	PR	R	H	PR	H.	PR	H	PR	H.	R.	PR	PR	PR	PR	PR	PR	PR	PR	PR :	5.11.3
Solar Farms	23			ı	1			,	1			,	1					ī	T	10		5.11.4
Utilities – Class 1	۵	Ъ	Д	۵	۵	۵	<u>_</u>	۵	<u>a</u>	۵	Д	<u>_</u>	Д.	α.	Δ.	۵	Д.	А	а.	۵	Ъ	
Utilities – Class 2	۵	۵	Д	۵	۵	۵	Д.	Д	ட	<u>a</u>	۵	۵	Ъ	Д	Ъ	Ь	Ъ	Ъ	۵	Д	Ъ	
Utilities – Class 3	۵	۵	ı	1							ı	PR		Ь	Ь	ı		,	,			5.11.6
Wireless Communication Facility (Concealed)	Н	R	PR	H.	H	R	H	H	H	H	PR	PR	ı	PR	PR	PR	PR	PR	PR	PR	PR	5.11.5
Wireless Communication Facility (Up to 60.00')	H	H	PR	H	H	R	PR	PR	PR.	PR	PR	PR		PR	PR	PR	PR	PR	PR	PR	R	5.11.5
Wireless Communication Facility (60,01'to 199.99')	망	SE	SE	SE	SE	SE	SE	PR	PR	PR	PR	PR		PR	PR	PR	SE	SE	SE	SE	SE	5.11.5
Wireless Communication Facility (200' and Over)	1			T.		ï		1			r			SE	SE	SE		_	,		,	5.11.5

K. OTHER	AR	RR	RN	RUB	MH	LDR	MDR	PB	NB B	GB	RB	INS	OSP	=	王	Σ	AN.	HDR	RMX	MX	IMX	REF
Temporary Uses	PR	PR	PR	PR	PR	PR	PR	H	PR	PR	H	PR	H.	H.	PR	R	PR	PR	PR	PR	PR	5.12
P – Permitted by Right		PR-F	– Pern	nitted v	vith Re	view			CD -	- Conditional Us	Conditional	Use R	Jse Required	70		SE-S	- Special	Exc	eption	Red	uired	

(Ord. No. 2017-1468, 9.25.17; Ord. No. 2018-1492, 2.12.18; Ord. No. 2018-1494, 3.12.18; Ord. No. 2018-1519, 7.16.18; Ord No. 2019-1607, 10.14.19; Ord No. 2019-1620, 12.9.19; Ord No. 2020-1645, 2.24.20; Ord. No. 2020-1698, 12.14.20)

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^{4.} Forecast generated by Numerix Cohort-Feeder model. Projected RLB annual gain = 2.5%, 2021 to 2027. K-12 average annual gain = 3.1%, 2023-24 to 2032-33.

Lancaster County School District Membership Forecast

^{3.} Forecast includes impacts from residential growth as described in Lancaster County development inventory through October 2022.

^{2.} Program capacities are from the Program Capacity Study, H. Dale Holden & Associates, February 2010. Portable classrooms are not included.

^{1.} Historic Day-135 ADM supplied by SC DOE (no Prek). 2022-23 Day-10 Enrollment (including Prek) supplied by LCSD 9/8/2022.

Agenda Item Summary

Ordinance # / Resolution #: SD-2023-1869 Barberville Commercial

Contact Person / Sponsor: A. Hardin

Department: Planning

Date Requested to be on Agenda: 7/16/2024

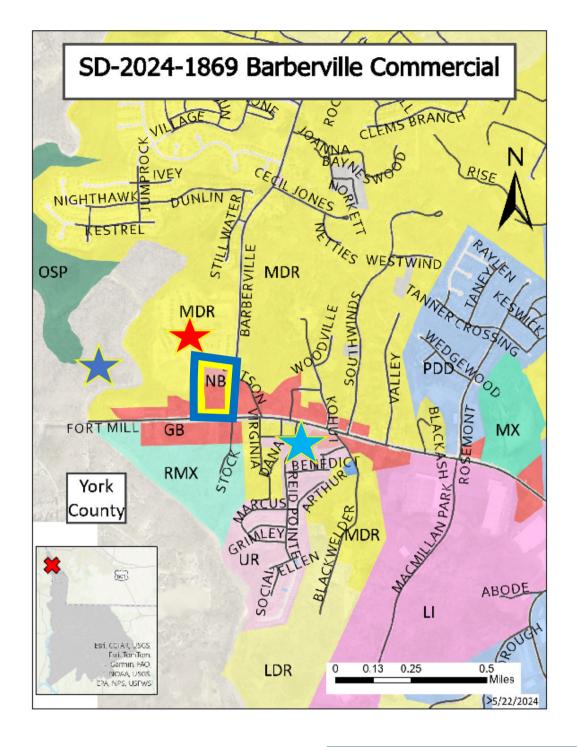
Issue for Consideration:

Points to Consider:

Recommendation:

ATTACHMENTS:

Description	Upload Date	Type
Location Map	7/5/2024	Exhibit
Staff Report	7/9/2024	Planning Staff Report
Revised Plat with LCWSD plan 6/17/2024	7/9/2024	Exhibit
Application	7/5/2024	Exhibit
Deed 1529-36	7/5/2024	Exhibit
Deed 1715-201	7/5/2024	Exhibit
Redlined TIA Review	7/9/2024	Exhibit







Proposal:

Preliminary Plat (Commercial)



Reid Point Development



Barber Rock Development



York County



PROPOSAL: Major Subdivision Preliminary Plat for 8 commercial parcels on 12.09

acres. (Re-application of project from June 18, 2024 PC meeting, which ended with denial. New staff comments have been received and are

incorporated into this report, underlined to provide clarity.)

PROPERTY LOCATION: Northwest corner of the intersection of Barberville Road and Fort Mill

Highway/Rt.160 (TM#s 0006-00-057.00 and 0006-00-058.00)

CURRENT ZONING DISTRICT: General Business (GB) District (0006-00-058.00) and Neighborhood

Business (0006-00-057.00)

APPLICANT: Moody Group on behalf of Martin Senior & Assoc and Barberville

Developers LLC

COUNTY COUNCIL DISTRICT: District 4, Jose Luis

NOTICES: Signs posted 5/29/2024

Notice Published 6/1/2024 in The Lancaster News

Mailed notices 5/29/2024

Agenda posted in Lobby 6/11/2024

OVERVIEW & BACKGROUND:

Site Information & Existing Condition

The TM Number 0006-00-057.00 has the existing nonconforming residential structures 9829 and 3931 Barberville Road on the parcel. Demolition permits would need to be filed prior to construction on the site. TM Number 0006-00-058.00 is vacant. Applicant had originally intended to use the minor subdivision process to develop the sites in two parts, but upon review it was determined by staff that the joint project introduced elements that required the Preliminary Plat process with review by Planning Commission. In particular, the site plans required a shared driveway due to SCDOT comments and plans included sharing drainage across property lines. This will be explained further in the staff report.

Current development interests are primarily focused on the tract that is zoned NB and farthest from Fort Mill Hwy/160, but due to technical issues, both tracts are before the Planning Commission at the same time. This will also be explained in the staff report.

Summary of Surrounding Zoning and Uses

Surrounding Property	Jurisdiction	Zoning District	Use
North	Lancaster County	Medium Density Residential (MDR)	Overlook at Barber Rock (Residential Subdivision)
South	Lancaster County	General Business (GB)	Small businesses
East	Lancaster County	General Business (GB)	vacant
West	Lancaster County	MDR; GB	Overlook at Barber Rock; Nonconforming residential



PHOTOS OF PROJECT AREA:



Aerial view of parcels involved in request (outlined in yellow)



View of Parcel off Barberville Road





View of Parcel off Fort Mill Highway and Barberville Road Intersection

Zoning

The proposed development is zoned GB (0006-00-058.00) and NB (0006-00-057.00)

General Business is defined as "... generally located on thoroughfares and provides opportunities for the provision of offices, services, and retail goods in proximity to generally auto-dependent, community neighborhoods. The regulations for this district are intended to accommodate the predominately auto-oriented pattern of existing development while encouraging the transition to pedestrian-friendly, mixed-use areas that avoid strip commercial development."

Pursuant to UDO Chapter 2.3, Neighborhood Business (NB) is defined as "...generally located on thoroughfares and provides opportunities for the provision of neighborhood services that serve as an acceptable transition to generally auto-dependent neighborhoods."

Going forward from this point in the report, the property identified as 0006-00-058.00 will be referred to as the NB tract, and the property identified as 0006-00-057.00 will be referred to as the GB tract.



ZONING MAP OF SUBJECT PROPERTY:



DEVELOPMENT SUMMARY:

Development Summary		
Site Acreage 12.09 acres together (NB tract, 5.38 acres; GB tract, 6.71 acres)		
Proposed Lots 8 plus a jointly maintained common area		
Project Overview This is a commercial development. Clients include a day care and private school.		
Open Space Located behind the cell tower between parcels 4 and 5.		
Access Driveway	Will be privately and jointly maintained.	



Traffic Impact Analysis (TIA)

The development is expected to generate 143 AM peak hour trips (82 in and 61 out) and 221 PM peak hour trips (105 in and 116 out) under buildout (2026) conditions.

The TIA was denied by the County's third-party traffic engineer Infrastructure Consulting & Engineering (ICE). The ICE technical report, TIA checklist, and Redlined TIA have been attached to this staff report. The applicants have provided additional information to staff in order to allow the TIA to move forward in the review.

SCDOT has confirmed that a full left turn lane is required as a part of this development and it shall be constructed in accordance with the plans approved as a part of the encroachment permit.

Exact improvements are still to be determined; current improvements include the following:

- SCDOT has confirmed that a full left turn lane is required as a part of this development and it shall be constructed in accordance with the plans approved as a part of the encroachment permit.
- The proposed development should not add significant amounts of traffic to the area. No additional improvements to the area roadways are recommended as part of this development.

UPDATES SINCE LAST REVIEW

Impact of SCDOT review on design and subdivision process

At the inception of this project, the two property owners were intending to subdivide separately as minor subdivisions. Each property planned to provide one access to adjacent connector/arterials. Tract NB would receive access from Barberville Rd and Tract GB would receive access to Fort Mill Hwy/160.

SCDOT reviewed the original proposals and determined that the original proposed access points were not compliant with DOT separation requirements for driveways near intersections. The GB tract was denied an access point to Fort Mill Hwy/160 outright and the applicants were encouraged to work together to create a shared road that would provide access through the NB tract at Barberville Rd.

Working together to create the access road solved the access issue but pushed the project into major subdivision review status. This extended the development calendar and put stress on the project's viability. Staff met with the applicants via the TRC process, provided input on how to relieve some of the stress, and went forward to review the major subdivision.

Since the initial review, a minor subdivision for two lots and the entry access off Barberville Rd have been approved under the minor amendment process. The remaining lots, including the stormwater site and remainder of the access road, are presented under the major subdivision process.

Impact of stormwater review on subdivision process

Also at the inception of this project was an interest in shared stormwater controls and fill dirt. The NB tract needed fill dirt for the site and to accommodate stormwater requirements; the GB tract had a low point and dirt to donate. Stormwater regulations require that dirt may not be moved from one site to



another without additional permitting unless the dirt is moved within the boundaries of a unified project. With both tracts being owned by different owners and zoned differently, the simple solution (drag dirt from one place to another) was hindered by regulatory requirements.

Alternatives included proposing amendments to the UDO or developing the site under major subdivision guidance. It was determined that completing the major subdivision review process would address the site-specific issues in a timelier manner and with fewer delays to the development plans.

The following comments have been addressed since the last review:

The maximum block length for a road is 1,000ft (UDO 6.4.1.A) Melanie Lane appears to exceed this maximum by 90ft. Please address this on your resubmittal.

• The Planning Commission may take into consideration the unique restrictions from the DOT that created the need for a shared private road and approve the plat.

The minimum connectivity index allowed is 1.3. Please include a connectivity calculation on your next submittal (6.4.3).

• The connectivity index is 1.5.

A Type B buffer will be required between TM Numbers 0006-00-058.00 and 0006-00-053.03 and a Type C buffer will be required between TM Numbers 0006-00-057.00 and 0006-00-053.03. Please submit a separate page separate page outlining this on your next submittal. The requirements for these buffers can be found in section 7.1.5 of the UDO.

• Applicant is addressing this, and an amended site plan is expected prior to Planning Commission review. Staff outlined the areas where buffers are required along Barber Rock open space.

Please submit a separate page depicting the Highway Corridor Overlay Buffer on the plan resubmittal. Details for this can be found in section 4.3.2.J.2 of the UDO.

• Applicant is addressing this, and an amended site plan is expected prior to Planning Commission review. The buffers for the NB tract are shown on the plan.

Please submit a separate page outlining the sidewalk network on the plan.

- a. Sidewalks and Connectivity: i. At a minimum, sidewalks shall comply with the construction requirements set forth in Appendix C of the UDO; ii. iii. iv. v. Sidewalks shall be located to allow pedestrians to safely move from their vehicles to the building; Sidewalks shall connect to existing pedestrian circulation of adjacent parcels where not restricted by topography or other existing site features; When adjacent to a residential use district, sidewalks shall be provided to allow pedestrian access to and from a commercial retail development; Sidewalks shall be required on both sides of public or private streets within a commercial retail development. (UDO 4.3.2.F.5)
- Applicant is addressing this, and an amended site plan is expected prior to Planning Commission review. The applicant was advised to provide a pedestrian connection to Barber Rock subdivision.

Interconnectivity between adjacent parcels is required when there is not a conflict in use and is subject to the provisions set forth in Section 4.3.2.G. (UDO 4.3.2.G.e). Is the projects proposed interconnectivity between adjacent parcels at TM Number 0006-00-059.00? Please confirm on resubmittal.



Sufficient interconnectivity is provided by Melanie Lane.

A full photometric lighting plan is required as part of this submittal, please include this on your resubmittal. (UDO 6.3)

• Applicant is addressing this, and an amended site plan is expected prior to Planning Commission review. Staff advised the applicant to provide a street lighting plan.

Open Space: A minimum of 10 percent of the site must be devoted to usable open space which may include greens, unaltered natural features, or other similar areas not covered by impervious surface as required in Chapters 2, 3, and 8 of the UDO. Required setbacks and buffer yards may be included in calculating this requirement. (UDO 4.3.2.6.L.1)

• Applicant is addressing this, and an amended site plan is expected prior to Planning Commission review. Adequate space exists for this to be accommodated.

All buildings must be within 500 feet of a fire hydrant, measured as an apparatus would lay hose along an approved fire apparatus access road.

 Applicant is addressing this, and an amended site plan is expected prior to Planning Commission review. LCWSD have provided a letter that indicates water and sewer are available to the site; the next step is determining hydrant placement so that all proposed lots have appropriate access to a hydrant. There are two buildings currently proposed for the development; the rest of the lots will be sold to individual developers who will be responsible for siting the buildings to meet the 500 ft separation requirements.

STAFF RECOMMENDATION:

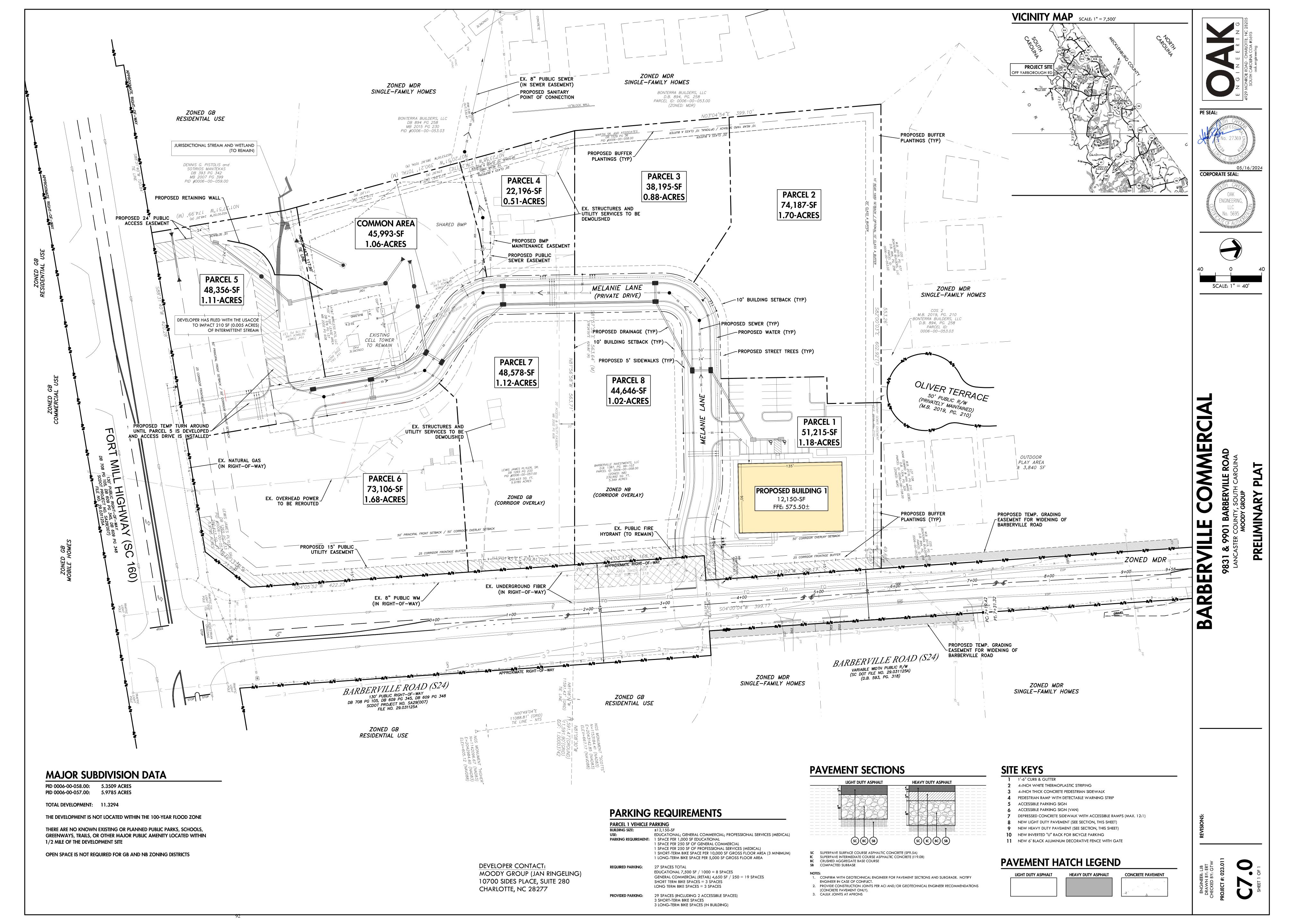
At the time of publication, staff does not have the amended plat. If the plat is received in time for staff to re-review it before the Planning Commission, and if the comments are addressed as discussed, staff would recommend conditional approval of this Major Subdivision Preliminary Plat request subject to the remaining items from TRC being addressed within 60 days of the review.

ATTACHMENTS:

- 1. Location Map
- 2. Preliminary Plat: 6/17/2024 revision with LCWSD plan
- 3. Application
- 4. Deeds
- 5. ICE Redlined TIA Review

STAFF CONTACT:

Allison Hardin, Development Services Director ahardin@lancastercountysc.gov





Planning Department

P.O. Box 1809, 101 N. Main Street, Lancaster, SC 29721 Phone: 803.285.6005, planning@lancastercountysc.net www.mylancastersc.org

MAJOR SUBDIVISION PRELIMINARY PLAT

WHEN TO USE THIS PROCESS:

Use the attached checklist for subdivisions that

- Create 6 or more lots for any type of development; or
- Create new streets or alleys; or
- Increase the number of lots in a major subdivision previously approved by Lancaster County

APPLICATION AND APPROVAL PROCESS

- Sketch Plan Application: Complete the Sketch Plan review process prior to submission of a
 Major Subdivision Preliminary Plat. Sketch Plans are usually a one-sheet conceptual
 drawing. Refer to the Sketch Plan Checklist for additional information.
- Required Pre-Application Conference: Please call to schedule a Pre-Application Conference
 prior to submitting a Preliminary Plat application. The conference will be used to provide an
 overview of applicable standards and the approval process, as well as additional feedback
 on your sketch.
- Traffic Impact Analysis: Submit a TIA to County and SCDOT for review and Approval. This
 process is initiated by submitting a scoping request to County and SCDOT for approval prior
 to TIA preparation. Please note TIAs are reviewed on behalf of the County by consulting
 traffic engineers. Applicants are responsible for payment of consultant's fees prior to TIA
 review, based on an estimate prepared by County Engineering staff.

Prepare the Preliminary Plat using the attached checklist (see below) and the current UDO available on our website. Project can be submitted online by creating an account at https://evolvepublic.infovisionsoftware.com/lancaster/?portal=project

SUBMIT THE FOLLOWING ITEMS FOR PLAN REVIEW:

- Application with contact and project information (see p. 2)
- Fees: After submitting documents, you will receive an email with fees due and forms of payment accepted, along with a link to online payment portal. Plans will not be routed for review until payment and hard copies are received (if needed- see below).
- Two (2) paper copies of Preliminary Plat and Supporting Data is required for all submittals over 10 pages.

Plans will be reviewed by County staff and a notice of revision, if required, will be sent to the designated contact person. Prior to the Planning Commission meeting, staff will review the plan with the Technical Review Committee. After Planning Commission approves the plat, you will receive a notification that you can print the stamped digital set from Evolve Project Portal. Upon the approval of a Preliminary Plat, detailed plans for street construction, utility line installations, and similar approvals shall be included in detailed **Civil Construction Plans**.

1/2022

PROJECT INFORMATION

	Project Address/Location: 9831 Barberville Road and Adjacent	Property (No Assigned Address)
	Tax Map ID/Parcel No.: <u>0006-00-057.00 and 0006-00-058.00</u>	
	Project Description: Commercial Business Park with Private Ro	ad and 8 developable lots
	A II A A Manche Crown (Ion Dingaling)	
	Applicant Name: <u>Moody Group (Jan Ringeling)</u>	
	Address: 10700 Sikes Place, SUite 280 Charlotte NC 2827	7
	Phone: 704.490.3872 Email: jan@moodyre.com	1
	Property Owner Name: (1) Barberville Developers LLC / 3007 Cedric Court Fort Mill, SC 29715 Address:	(2) Martin Senior and Associates 226 Baldwin Avenue Charlotte, NC 28204
	Phone: 704.490.3872 Email: Jan@moodyre.com	1
Name: OAK Engineering, PLLC (Greg Welsh, PE) Address: 4929 Monroe Road Charlotte NC 28205 Phone: 704.989.4046 Email: greg@oak.engineering		
	Name:	
	Address:	
	Phone:Email:	
	Applicant Signature: Docusigned by: Jan Ringeling SAC02FBSE9784A4	5/20/2024 Date:
(1)	Moody Group Owner Signature:	5/20/2024 Date:
	Barberville Developers, LLC Owner Signature:	5/20/2024 Date:
	Martin Senior and Associates	

(For additional owners, attach copies of this page with required signatures)

PRELIMINARY PLAT CHECKLIST

The following identifies information required on Preliminary Plat drawings; however, this checklist should not be used as a substitute to reviewing the UDO.

GENERAL PROJECT INFORMATION:

Please identify the following general information on the site plan drawing either within a notes section or on the plat drawing itself, as appropriate.

- 1. Proposed name of project.
- 2. Name, mailing address, email address, and phone number of the owner and/or developer and designer of the site plan.
- 3. Map scale using appropriate engineer's scale, north arrow, and date.
- 4. Vicinity map (1" = 1 mile min. scale).
- 5. Total acreage to be developed.
- 6. Boundaries of the tract to be developed with all bearings and distances. At least two points of the survey must be tied to SC geodetic control points [See State Plane Coordinate Checklist]
- 7. Proposed use of all lots to be used. See "zoning considerations" section above. Be sure to designate any lots proposed to be used for uses other than single–family residential.
- 8. Tax map number.
- 9. Zoning district classification and, if applicable, overlay zone(s).
- **10.** Land use, zoning district classification, and tax map number of adjacent properties, names of adjacent developments, and owners of adjoining parcels.
- 11. Total number of lots and layout of all lots, including building setback lines, scaled dimensions, area in square feet, lot numbers (if multiple lots), and utility easements with width and use.
- **12.** Location and dimensions of all proposed buildings including number of stories and total square footage by use.
- **13.** Building setbacks and proposed impervious surface calculation.
- **14.** In case of re-subdivision, submit a copy of existing plat.

EXISTING CONDITIONS:

Please identify the following existing conditions on the plan drawing that may be located on the subject property or adjacent areas.

- 1. Topography by contours at vertical intervals of not more than five feet. All elevations shall refer to Mean Sea Level Datum (if available).
- 2. Show location and right-of-way of existing streets, curb cuts, and driveways within 300 feet of the site.
- 3. Show location and footprint of existing buildings on adjacent parcels.
- 4. Show location of railroads and utility lines either on or adjacent to the property to be developed. Specify whether utility lines are in easements or rights-of-way and show location of poles/towers.
- 5. Size and location of existing sewers, water mains, storm drains, culverts or other underground facilities within the street or within the right-of-way of streets or roads

- adjoining the tract. Show ditches, swales, and drainage easements adjacent to the proposed project.
- 6. Location, size, and use of any existing structures on the subject property that will remain on the site
- 7. Location of city limit lines, if adjacent to subject property.
- 8. Show location of nearest hydrant. Spacing should be 500 feet single–family residential (this distance is measured in the direction of fire truck travel).
- 9. The Fire Department will need access to within 150 feet of all points of the building.
- 10. Location of land subject to flooding and nearest 100-year flood zone and elevation.
- **11.** Location of existing or planned public parks, schools, greenways, trails, or other major public amenity located within ½ mile of the development site.

ENVIRONMENTAL CONSIDERATIONS:

ENVIRONMENTALLY SENSITIVE LANDS

- 1. Depict any water resources subject to the UDO Chapter 8, Natural Resources Protection, and comply with all requirements laid out in the aforementioned section.
- 2. Depict any prohibitive/severe steep slope areas (greater than or equal to 3H:1V) and take into account the limitations on disturbance when designing the project.
- 3. Depict stormwater management areas.

TREE RETENTION

- 1. Identify tree canopy retention areas. N/A
- 2. Show trees that require protection. N/A

LANDSCAPING

Show landscaping for required site landscaping areas.

OPEN SPACE

- 1. Indicate if all or a portion of the site has been designated as an Open Space. N/A
- 2. Calculate required common open space acreage. N/A
- 3. Show any trails and greenways on the Lancaster County Carolina Thread Trail Master Plan that developer is required to construct. N/A
- **4.** Show all existing or planned public parks, schools, greenways, existing trails, or other major public amenities within ½ mile of the site, and pedestrian connections provided by the developer to those areas. *N/A*

INFRASTRUCTURE CONSIDERATIONS:

GRADING, STORMWATER, AND UTILITY SYSTEM

Please identify the following proposed grading, stormwater, and utility system improvements.

- 1. Preliminary plan for sanitary sewers showing the location of manholes and points of discharge. Indicate direction of flow.
- 2. Preliminary plan for storm sewer system showing the location of outlets and direction of flow.
- 3. Preliminary plan of water supply system
- 4. All proposed easements.
- 5. Submit written verification to serve from all non-county utility service providers (gas, telephone, cable, and water and sewer district).
- 6. Proposed major contour changes in areas where substantial cut and/or fill is to be done.

Roads, Bridges, and Public Ways (UDO 6.13, pg. 21)

General design criteria are explained in two primary places in the UDO—Chapter 6 and Appendix C. Please refer to both when designing the community. The below is a brief summary of some of the "big picture" points, but those two sections in the Zoning Ordinance have many other requirements to which you will need to refer.

- Connectivity is required within the neighborhood, and between the neighborhood and adjacent neighborhoods or other lands. Additionally, a second entrance is required for more than 100 units.
- 2. Traffic calming measures such as minimum street widths, short block lengths, on–street parking, controlled intersections, and roundabouts should be used per the UDO.
- 3. Sidewalks are required both internally, and in some cases, externally to the development and must be at least five feet wide.
- 4. Street trees are required to be planted in accordance with the UDO.
- 5. See Chapter 6: Subdivision and Infrastructure Standards and Appendix C Manual of Specifications and Standard Details (MSSD), generally for road specifications, cross sections, and other important information. For example:
 - a. Cul-de-sacs should be avoided except as described in the UDO.
 - **b.** Gated communities have additional requirements as laid out in the UDO.
 - **c.** Curb and gutter requirements are applicable in some districts as designated in the UDO.
- **6.** Traffic Impact Analysis, refer to Chapter 6, Subdivision and Infrastructure Standards.

LOT DESIGN

Identify a lot configuration that complies with the following standards.

- Lot designed to comply with the UDO design requirements
 - a. Lots cannot be divided by City limit lines or zoning districts.
 - **b.** Through lots are prohibited.

- **c.** Flag lots are prohibited except where they are necessary to eliminate access onto arterial or collector roadways.
- **d.** Side lot lines must be at right angles to straight street lines and radial to curved sidewalk and street lines.

USE-SPECIFIC STANDARDS

The UDO has standards associated with specific uses in order to minimize negative impacts and/or to help shape the design of a specific use. Design the proposed site plan in compliance with any applicable use–specific standards.

OVERLAY	DISTRICTS
---------	-----------

If an overlay district exists, be sure to address the applicable standards for it in the site design.			
	McWhirter Field Aviation Overlay Please refer to the UDO for allowed uses and		
	associated development criteria.		
	Carolina Heelsplitter Overlay		
_			

Carolina Thread Trail Overlay

☐ Equestrian Oriented Subdivision Overlay

RECORDED THIS 17th DAY OF MARCH, 2022 IN BOOK 00 PAGE 00

Jugge O. Mugay

Auditor, Lancaster County, SC Return to:

Law Offices of Katharine S. Walker, PC

Charlotte, NC 28211 (704) 548-7900

 $319\ S.$ Sharon Amity Rd., Ste. $230\ \ \textsc{Lancaster}$ county assessor Tax Map:

0006 00 058 00

LANCASTER COUNTY, SC 2022004397 DEED RECORDING FEES \$15.00 STATE TAX \$4192.50 COUNTY TAX \$1773.75 PRESENTED & RECORDED 03-15-2022 04:31:52 PM BRITTANY GRANT REGISTER OF DEEDS LANCASTER, COUNTY SC By: PAM FAULKENBERRY BK:DEED 1529 PG:36-42

Space above this line for recording information		
STATE OF SOUTH CAROLINA)	
COUNTY OF LANCASTER)	TITLE TO REAL ESTATE

KNOW ALL MEN BY THESE PRESENTS that BARBERVILLE INVESTMENTS LLC, a South Carolina limited liability company, herein referred to as Grantor, for and in consideration of the sum of ONE MILLION SIX HUNDRED TWELVE THOUSAND FIVE HUNDRED AND 00/100 DOLLARS (\$1,612,500.00) to it paid by MARTIN SR. AND ASSOCIATES. LLC, a North Carolina limited liability company duly authorized to do business in South Carolina, herein referred to as Grantee, in the State aforesaid, the receipt of which is hereby acknowledged, has granted, bargained, sold and released, and by these presents does grant, bargain, sell and release unto said Grantee, their heirs, successors, and assigns forever:

All that certain piece, parcel or tract of land lying, being and situated in Indian Land Township, Lancaster County, South Carolina and being more particularly described as follows: Beginning at a stake on Barber Road at a point 529 feet from the middle of S. 89 Highway and 160 (where Barber enters said S.C. Highway 160) and running thence N 8 - 41 E 400 feet along Barber Road to a stake; thence N 77 - 30 W 600 feet to a stake; thence S 8 - 41 W 400 feet to a stake; thence S 77 - 30 W 600 feet to a stake on Barber Road, the point of beginning. Said tract herein conveyed contains 5.5 acres, more or less and being more specifically shown on a plat prepared to L.E. Carothers, Surveyor, and recorded in the Office of the Cleck of Court for Lancaster County, South Carolina in Plat Book 6, at Page 32.

LESS AND EXCEPT that 0.125 acre portion of the property deeded to the South Carolina Department of Transportation in Deed Book 593, Page 318 of the Lancaster County Registry.

DERIVATION: BARBERVILLE INVESTMENTS LLC, a South Carolina limited liability company acquired the above-described property under Deed from ANNE B. GASPER dated 11-25-2020, recorded 11-30-2020 in Record Book 1387 at Page 99.

This conveyance is made subject to Easements, Restrictions, Covenants, and Conditions of record, including matters shown on recorded plats.

Grantee's Address: c/o M3 Real Estate Group

226 Baldwin Avenue Charlotte NC 28204

Tax/Map No. 0006-00-058.00

TOGETHER with all and singular, the rights, members, hereditaments and appurtenances to the said premises belonging or in anywise incident of appertaining.

TO HAVE AND TO HOLD all and singular the premises before mentioned unto the said Grantee, its heirs and assigns forever.

AND THE GRANTOR does hereby bind Grantor's successors, executors and the administrators, to warrant and forever defend all and singular the said premises unto the said Grantee, its heirs and assigns, against Grantor and Grantor's successors and against every person whomsoever lawfully claiming or to claim the same or any part thereof.

[Remainder of Page Intentionally Left Blank - Signature Page Follows]

WITNESS our Hand and Seal this 15th day of March 2022.

Signed, Sealed and Delivered in the Presence of:

#1 Witness (may be notary)
#2 Witness (may be notary)
#2 Witness (may be notary)
#2 Witness
#1 Witness
#1

Pradeep Reddy Patel,

Member/Manager of Barberville
Investments LLC

Swamynaman Kuppuswamy, Member/Manager of Barberville Investments LLC

(SEAL)

(SEAL)

Venkateswara Rao Suryadevara, Member/Manager of Barberville Investments LLC

Vishnu Keesara,

Member/Manager of Barberville Investment LLC

[Remainder of Page Intentionally Left Blank - Notary Acknowledgement Follows]

STATE OF NORTH CAROLINA	
)
COUNTY OF MECKLENBURG)

On this the 15th day of March, 2022, before me, the undersigned Notary Public, personally appeared Pradeep Reddy Patel, Member/Manager of Barberville Investments LLC, who acknowledged that he executed the foregoing Title To Real Estate for the uses and purposes stated therein.

(SEAL)

Kimberly C. Dixon
Norary Public
Mecklenburg County
North Cerolina
My Commission Expires 3/21/2023

Notary Public for North Carolina

My Commission Expires: 3/21/23

STATE OF NORTH CAROLINA)
COUNTY OF MECKLENBURG)

On this the 15th day of March, 2022, before me, the undersigned Notary Public, personally appeared Swamynathan Kuppuswamy, Member/Manager of Barberville Investments LLC, who acknowledged that he executed the foregoing Title To Real Estate for the uses and purposes stated therein.

(SEAL)

Kimberly C. Dixon
Norary Public
Mecklenburg County
North Carolina
My Commission Expires 3/21/2022

Notary Public for North Carolina
My Commission Expires: 32123

STATE OF NORTH CA	AROLINA)	
COUNTY OF MECKL	ENBURG)	
appeared Venkateswara	Rao Suryadevara, I	Member/Manager of	d Notary Public, personally Barberville Investments LLC, l Estate for the uses and purposes
(SEAL)		Notary Public for	July C. Dixon
Kimbe Nor Meckle My Commissio	enly C. Dixon ary Public nburg County h Carolina n Expires 3/21/2022	My Commission E	
STATE OF NORTH CA	AROLINA)	
COUNTY OF MECKLI	ENBURG)	

On this the 15th day of March, 2022, before me, the undersigned Notary Public, personally

(SEAL)

Kimberty C. Dixon
Norary Public
Mecklenburg County
North Carolina
My Commission Expires 3/21/2022

appeared Vishnu Keesara, Member/Manager of Barberville Investment LLC, who acknowledged that he executed the foregoing Title To Real Estate for the uses and purposes stated therein.

Notary Public for North Carolina
My Commission Expires: 3/21/23

	OF SOUTH CAROLINA TY OF LANCASTER)	AFFIDAVIT	
PERSC	NALLY appeared before me the	undersigned, who being o	luly sworn, deposes and says:	
1.	I have read the information on t	his affidavit and I understa	and such information.	
2.	South Carolina, Tax Map No	umber is 0006-00-058.00 and Associates, LLC, a N	ian Land, SC 29707 in Lancaster Co and was transferred by Barbe North Carolina limited liability con th 15, 2022.	erville
3.	The deed is subject to the deed is money's worth.	recording fee as a transfer	for consideration paid or to be paid	1 in money or
4,	The fee is computed on the con $$1,612,500.00$.	sideration paid or to be pa	id in money or money's worth in	the amount of
5.		l on the land, tenement, or	mbrance existed on the land, tenen realty after the transfer. If "Yes,"	

7. The deed recording fee due is based on the amount listed on Line 6(c) above and the deed recording fee due is: \$5,966.25.

\$ 1,612,500.00

\$ 1,612,500.00

-0-

8. As required by Code Section 12-24-70, we state that we are the responsible people who were connected with the transaction as: <u>Authorized Member Managers of Barberville Investments LLC.</u>

The deed recording fee is computed as follows:

Place the amount listed in item 4 above here:

Place the amount listed in item 5 above here:

Subtract Line 6(b) from Line 6(a) and place

(If no amount is listed, place zero here.)

6.

(a)

(b)

(c)

result here:

9. I understand that a person required to furnish this affidavit who willfully furnishes a false or fraudulent affidavit is guilty of a misdemeanor and, upon conviction, must be fined not more than one thousand dollars or imprisoned not more than one year, or both.

[Remainder of Page Intentionally Left Blank – Signatures and Notary follow]

Pradeep Reddy Patel, Member/Manager of
Barberville Investments LLC
Responsible Person Connected with the Transaction

Swam nathan Kuppuswamy, Member/Manager of Barberville Investments LLC Responsible Person Connected with the Transaction

Venkateswara Rao Suryadevara, Member/Manager of Barberville Investments LLC Responsible Person Connected with the Transaction

Vishnu Keesara, Member/Manager of Barberville Investment LLC

Responsible Person Connected with the Transaction

RECORDED THIS 4th DAY OF OCTOBER, 2023 IN BOOK 00 PAGE 00

Lugate C Muyaly

Auditor, Lancaster County, SC

Katharine S. Walker K.S. Walker Law Group 319 S. Sharon Amity Rd Ste 230 Charlotte, NC 28211

LANCASTER COUNTY ASSESSOR Tax Map:

0006 00 057 00

LANCASTER COUNTY, SC 2023012500 DEED RECORDING FEES \$15.00 EXEMPT PRESENTED & RECORDED 10-03-2023 12:18:47 PM BRITTANY GRANT REGISTER OF DEEDS LANCASTER, COUNTY SC By: STEPHANIE KNIGHT BK:DEED 1715 PG:201-205

STATE OF SOUTH CAROLINA

QUITCLAIM DEED

COUNTY OF LANCASTER

KNOW ALL MEN BY THESE PRESENTS, that LEWIS JAMES PLYLER, JR. ("Grantor"), for Zero consideration, does hereby remise, release and forever quitclaim unto BARBERVILLE **DEVELOPERS**, LLC, a South Carolina limited liability company ("Grantee"), all of Grantor's right, title and interest, if any, in and to the following described property ("Premises"):

See Exhibit A attached hereto for legal description

DEREVIATION: Being a portion or all the real property conveyed to Lewis J. Plyler, Jr. by Deed of Distribution from the Estate of Lewis James Plyler, Sr., which estate was administered in the Probate Court for Lancaster County, SC in File #2018ES2900516, dated August 28, 2019, and recorded on August 30, 2019 in Deed Book 1265 at Page 233 in the Lancaster County Clerk of Court. Being a portion of all the real property conveyed to Lewis J. Plyler, Jr. by Deed of Distribution from the Estate of Madreth Carnes Plyler, which estate was administered in the Probate Court for Lancaster County, SC in File #2013ES2900070, dated January 5, 2013 and recorded on May 13, 2014 in Deed Book 796 at Page 59 in the Lancaster County Clerk of Court.

Tax Parcel No: 0006-00-057.00

Address of Grantee: 317 Ruth Vista Road

Lexington, SC 29073

BARBERVILLE DEVELOPERS, and assigns, forever.	LLC, a South Carolina limited liability company, their heirs
IN WITNESS WHEREOF, LEWIS on this the 2 day of Octob	JAMES PLYLER, JR. has hereunto set his hand and seal , 2023.
Signed, sealed and delivered in the presence of: Witness #1 (may be the Notary) Witness #2	Been James Phyla fg - (SEAL) LEWIS JAMES PLYLER, JR.
STATE OF NORTH CAROLIN) ACKNOWLEDGMENT
On this the 2 day of undersigned Notary Public, personall foregoing Quitclaim Deed for the use	of October, 2023, before me, the ly appeared LEWIS JAMES PLYLER, JR., he executed the les and purposes stated therein.
(SEAL)	Katha WCh
Katharine Walker Notary Public Mecklenburg County North Carolina My Commission Expires 5/13/2024	My Commission Expires: 5/13/2024

TO HAVE AND TO HOLD, all and singular the said premises abovementioned, unto the said

EXHIBIT A

Being all of that certain tract or parcel of land located in the Town of Fort Mill, Indian Land Township, Lancaster County, South Carolina, and being more particularly described as follows:

BEGINNING at a new 1/2" iron rod set on the western margin of Barberville Road, (S-42), (a 130-foot public right-of-way), said iron being located at the southeastern corner of the Martin Sr. and Associates property as described in Deed Book 1529, Page 36 of the Lancaster County Public Registry;

thence with the margin of Barberville Road, South 04°05'52" West, 422.25 feet to a new 1/2" iron rod set at the intersection of the right-of-way of Barberville Road and the northern margin of Fort Mill Highway (SC 160),

(a 130-foot public right-of-way);

thence with the margin of Fort Mill Highway, the following two (2) bearings and distances:

- 1) South 46°13'06" West, 73.99 feet to a new 1/2" iron rod set;
- 2) South 88°31'40" West, 420.28 feet to a new 1/2" iron rod set at the southeast corner of the Dennis G. Pistolis property as described in Deed Book 393, Page 342 and being depicted on Map Book 2007, page 399 of said registry;

thence with the line of Dennis G. Pistolis, North 01°27′51" West, 174.99 feet to a new 1/2" iron rod set at the southeast corner of the Bonterra Builders, LLC property as described in Deed Book 894, Page 258 and being depicted on Map Book 2015, page 230 of said registry; thence with the line of Bonterra Builders, LLC, North 07°20′51" West, passing an existing 1" iron pipe at 116.25 feet, a total distance of 390.21 feet to an existing iron rod found at the southwest corner of the property of Martin Sr. and Associates property as described in Deed Book 1529, Page 36 of said registry;

thence with the line of Martin Sr. and Associates, South 81°57'56" East, 563.64 feet to the **POINT AND PLACE OF BEGINNING**, having an area of 260,423 square feet or 5.9785 acres, as shown on a survey by R. B. Pharr & Associates, P. A., dated May 17, 2022, Job No. 94151.

STATE OF SOUTH CAROLINA } COUNTY OF <u>LANCASTER</u> } AFFIDAVIT FOR TAXABLE OR EXEMPT TRANSFERS

PΕ	RSONALLY appeared before me the undersigned, who being duly sworn, deposes and says:
1.	I have read the information on this affidavit and I understand such information.
2.	The property was transferred by Lewis James Plyler, Jr. to Barberville Developers, LLC on October 2, 2023
1	Check one of the following: The deed is (A) subject to the deed recording fee as a transfer for consideration paid or to be paid in money or money's worth. (B) subject to the deed recording fee as a transfer between a corporation, a partnership, or other entity and a stockholder, partner, or owner of the entity, or is a transfer to a trust or as distribution to a trust beneficiary. (C) exempt from the deed recording fee because (See Information section of affidavit): #12 (Explanation required) (If exempt, please skip items 4-7, and go to item 8 of this affidavit.) If exempt under exemption #14 as described in the Information section of this affidavit, did the agent and principal relationship exist at the time of the original sale and was the purpose of this relationship to purchase the realty? Check Yes or No or
4.	Check one of the following if either item 3(a) or item 3(b) above has been checked. (See Information section of this affidavit): (A) The fee is computed on the consideration paid or to be paid in money or money's worth in the amount of _\$0.00- (B) The fee is computed on the fair market value of the realty which is (C) The fee is computed on the fair market value of the realty as established for property tax purposes which is
5.	Check YES or NO to the following: A lien or encumbrance existed on the land, tenement, or realty before the transfer and remained on the land, tenement, or realty after the transfer. If "YES," the amount of the outstanding balance of this lien or encumbrance is
6.	The deed recording fee is computed as follows: (A) Place the amount listed in item 4 above here: (B) Place the amount listed in item 5 above here: (If no amount is listed, place zero here.) (C) Subtract Line 6(b) from Line 6(a) and place the result here: \$0.00
7.	The deed recording fee is based on the amount listed on Line 6(c) above and the deed recording fee due is: \$0.00
8.	As required by Code Section '12-24-70, I state that I am a responsible person who was connected with the transaction as: Grantor
9.	I understand that a person required to furnish this affidavit who wilfully furnishes a false or fraudulent affidavit is guilty of a misdemeanor and, upon conviction, must be fined not more than one thousand dollars or imprisoned not more than one year, or both.
	Responsible Person Connected with the Transaction Lews and Mes Nyler Jr. Print or Type Name Here
No	otary Public for MECKLENGUEC NC Katharine Walker y Commission Expires: May 13, 2024 My Commission Expires 5/13/2024 My Commission Expires 5/13/2024

INFORMATION

Except as provided in this paragraph, the term "value" means "the consideration paid or to be paid in money or money's worth for the realty." Consideration paid or to be paid in money's worth includes, but is not limited to, other realty, personal property, stocks, bonds, partnership, interest and other intangible property, the forgiveness or cancellation of a debt, the assumption of a debt, and the surrendering of any right. The fair market value of the consideration must be used in calculating the consideration paid in money's worth. Taxpayers may elect to use the fair market value of the realty being transferred in determining fair market value of the consideration. In the case of realty transferred between a corporation, a partnership, or other entity and a stockholder, partner, or owner of the entity, and in the case of realty transferred to a trust or as a distribution to a trust beneficiary, "value" means the realty's fair market value. A deduction from value is allowed for the amount of any lien or encumbrance existing on the land, tenement, or realty before the transfer and remaining on the land, tenement, or realty after the transfer. Taxpayers may elect to use the fair market value for property tax purposes in determining fair market value under the provisions of the law.

Exempted from the fee are deeds:

- (1) transferring realty in which the value of the realty, as defined in Code Section 12-24-30, is equal to or less then one hundred dollars;
- (2) transferring realty to the federal government or to a state, its agencies and departments, and its political subdivisions, including school districts;
- (3) that are otherwise exempted under the laws and Constitution of this State or of the United States;
- (4) transferring realty in which no gain or loss is recognized by reason of Section 1041 of the Internal Revenue Code as defined in Section 12-6-40(A);
- (5) transferring realty in order to partition realty as long as no consideration is paid for the transfer other then the interests in the realty that are being exchanged in order to partition the realty;
- (6) transferring an individual grave space at a cemetery owned by a cemetery company licensed under Chapter 55 of Title 39;
- (7) that constitute a contract for the sale of timber to be cut;
- (8) transferring realty to a corporation, a partnership, or a trust in order to become, or as, a stockholder, partner, or trust beneficiary of the entity provided no consideration is paid for the transfer other than stock in the corporation, interest in the partnership, beneficiary interest in the trust, or the increase in value in such stock or interest held be the grantor. However, the transfer of realty from a corporation, a partnership, or a trust to a stockholder, partner, or trust beneficiary of the entity is subject to the fee even if the realty is transferred to another corporation, a partnership, or trust;
- (9) transferring realty from a family partnership to a partner or from a family trust to a beneficiary, provided no consideration is paid for the transfer other than a reduction in the grantee's interest in the partnership or trust. A "family partnership" is a partnership whose partners are all members of the same family. A "family trust" is a trust, in which the beneficiaries are all members of the same family. The beneficiaries of a family trust my also include charitable entities. "Family" means the grantor and the grantor's spouse, parents, grandparents, sisters, brothers, children, stepchildren, grandchildren, and the spouses and lineal descendants of any the above. A "charitable entity" means an entity which may receive deductible contributions under section 170 of the Internal revenue Code as defined in Section 12-6-40(A);
- (10) transferring realty in a statutory merger or consolidation from a constituent corporation to the continuing or new corporation;
- (11) transferring realty in a merger or consolidation from a constituent partnership to the continuing or new partnership; and
- (12) that constitute a corrective deed or a quitclaim deed used to confirm title already vested in the grantee, provided that no consideration of any kind is paid or is to be paid under the corrective or quitclaim deed;
- (13) transferring realty subject to a mortgage to the mortgagee whether by a deed in lieu of foreclosure executed by the mortgagor or deed executed pursuant to foreclosure proceedings;
- (14) transferring realty from an agent to the agent's principal in which the realty was purchased with funds of the principal, provided that a notarized document is also filed with the deed that establishes the fact that the agent and principal relationship existed at the time of the original purchase as well as for the purpose of purchasing the realty;
- (15) transferring title to facilities for transmitting electricity that is transferred, sold, or exchanged by electrical utilities, municipalities, electric cooperatives, or political subdivisions to a limited liability company which is subject to regulation under the Federal Power Act (16 U.S.C. Section 791(a)) and which is formed to operate or to take functional control of electric transmission assets as defined in the Federal Power Act.

TRAFFIC IMPACT STUDY

for the

Barberville Road Development

Located in Lancaster County, South Carolina

Prepared for Moody Holdings & Development

Prepared by Ramey Kemp Associates, Inc.



June 2023 RKA Project #23126

TRAFFIC IMPACT STUDY

for the

Barberville Road Development

Located in Lancaster County, South Carolina

Prepared for Moody Holdings & Development 6201 Fairview Rd, Ste 200 Charlotte, North Carolina 28210

Prepared by
Ramey Kemp Associates, Inc.
1411 Gervais Street, Suite 150
Columbia, South Carolina 29201



June 2023 RKA Project #23126





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EXECUTIVE SUMMARY

A traffic impact study was conducted for the proposed Barberville Road development in accordance with SCDOT guidelines. The development is located west of Barberville Road (S-29-42) and north of SC 160 in Lancaster County, South Carolina. The development is proposed to consist of a roughly 120 student school/daycare center, 18,000 SF of retail space and 8,000 SF of office space. The site will have one access on Barberville Road, with internal connections to adjacent parcels.

Based on the anticipated build out volumes, a northbound left turn lane is warranted and recommended on Barberville Road at the access point. An auxiliary southbound right turn lane is not warranted. The site access should include one ingress and two egress lanes (50' storage) and should be designed to provide proper sight distances and meet SCDOT design criteria.

With construction of the project, Barberville Road & Harbor Bay Drive should continue to function adequately.

The intersection of Fort Mill Highway (SC 160) at Barberville Road expected to experience delays with or without the development. Lancaster County guidelines specify that if the LOS on a principal arterial is below LOS D, then the TIS "shall identify those improvements required to ensure that development related traffic demands result in no net reduction in LOS, and identify additional improvements needed to raise the level of service on the applicable street to the adopted LOS standard."

The signalized Fort Mill Highway & Barberville Road intersection currently operates as an LOS E and is expected to reach LOS F in the No Build conditions. Auxiliary turn lanes are already present on SC 160 and on southbound Barberville Road. Raising the level of service on the Fort Mill Highway (SC 160) at Barberville Road to a LOS D would require additional eastbound and westbound through lanes along SC 160, along with signal timing optimization. TIS's for the background developments (2,000+ residential units) did not recommend widening SC 160 as part of the background conditions.

The proposed development should not add significant amounts of traffic to the area. No additional improvements to the area roadways are recommended as part of this development.



1. INTRODUCTION

The purpose of this report is to document a traffic impact study for the proposed Barberville Road development in accordance with SCDOT guidelines. This report summarizes the procedures and findings of the traffic impact study. Traffic scoping documentation is provided in Appendix A.

1.1. Project Background

The development is located west of Barberville Road (S-29-42) and north of SC 160 in Lancaster County, South Carolina. The development is proposed to consist of a roughly 120 student school/daycare center, 18,000 SF of retail space and 8,000 SF of office space. The site will have one access on Barberville Road, with internal connections to adjacent parcels.

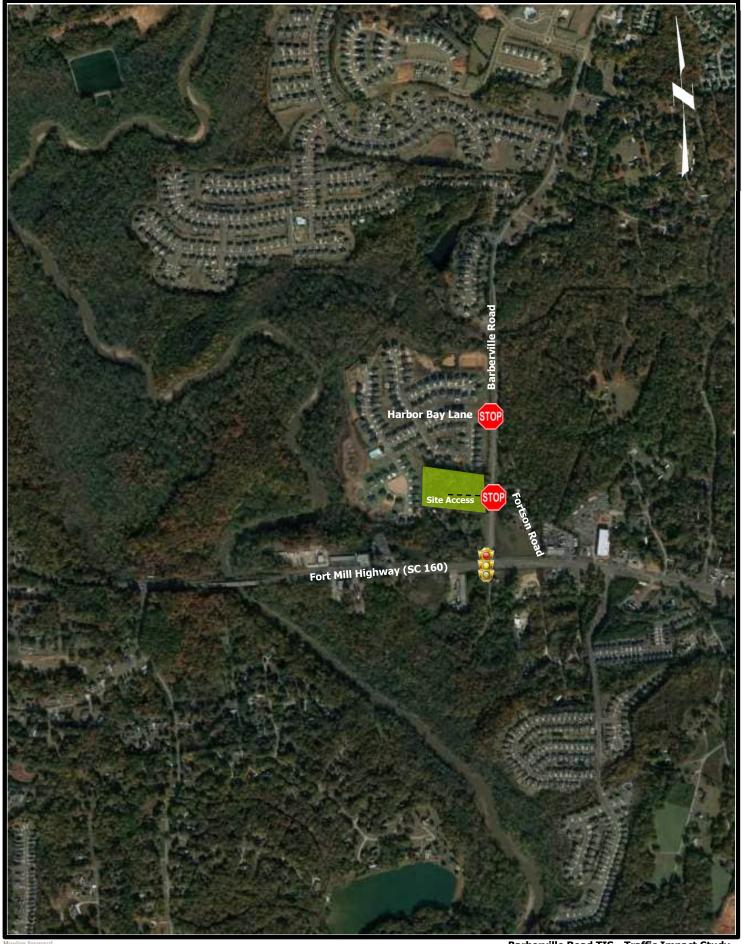
The traffic impact study considers the weekday AM peak period (between 7:00 AM and 9:00 AM) and the weekday PM peak period (between 4:00 PM and 6:00 PM) as the study time frames. The following intersections are studied:

- Fort Mill Highway (SC 160) & Barberville Road (S-29-42)/ Stock Lane
- Barberville Road (S-29-42) & Harbor Bay Drive
- Barberville Road (S-29-42) & Fortson Road / Site Access

Future-year analyses assume 2026 conditions as the Build scenario. Figure 1 shows the location of the project site, and Figure 2 illustrates the conceptual site plan.

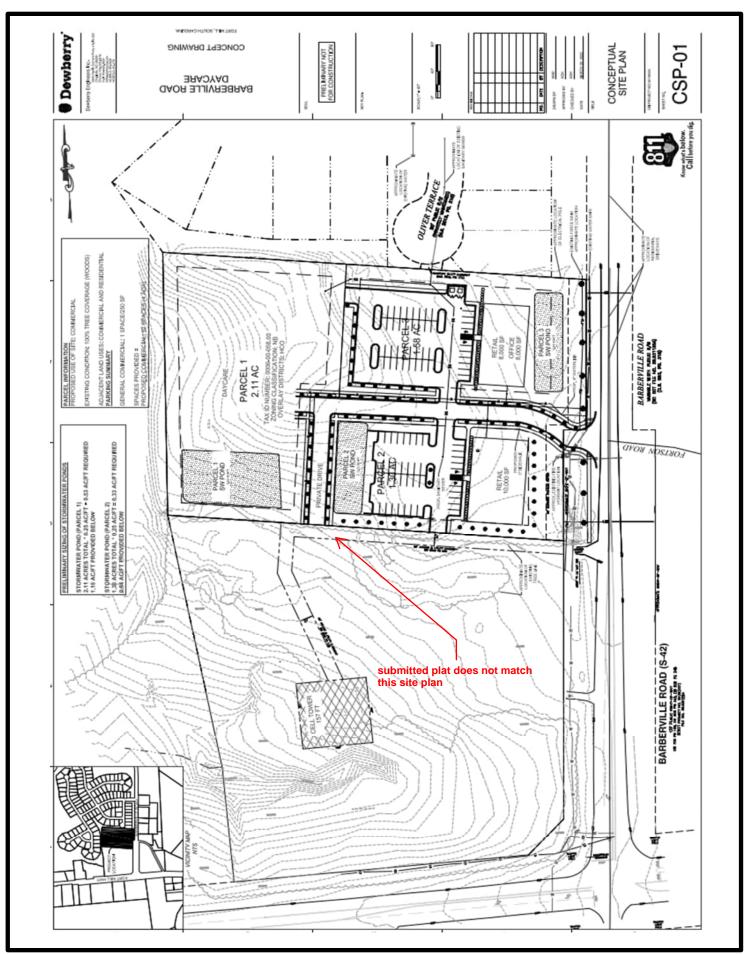
Assuming Build + 1 year ? to meet Lancaster UDO







Barberville Road TIS - Traffic Impact Study





1.2. Existing Roadway Conditions

A review of the existing roadway conditions in the study area was conducted and is summarized in Table 1. Figure 3 illustrates the existing lane geometry.

Table 1 - Street Inventory

Facility Name	Route #	Typical Cross Section	Posted Speed Limit	Maintained By	2021 AADT
Fort Mill Highway	SC 160	3-lane undivided (TWLTL)	45 MPH	SCDOT	15,200 ¹
Barberville Road	S-29-42	2-lane undivided	40 MPH	SCDOT	7,9002
Stock Lane	N/A	2-lane undivided	N/P	Local	N/A
Harbor Bay Drive	N/A	2-lane undivided	N/P	Local	N/A
Fortson Road	N/A	2-lane undivided	N/P	Local	N/A

¹SCDOT Count Station 29-0163; ²SCDOT Count Station 29-0195

1.3. Existing Traffic Count

Vehicle turning movement counts were collected in May 2023 for the AM peak period (7:00 AM to 9:00 AM) and PM peak period (4:00 PM to 6:00 PM) at the following intersections:

• Fort Mill Highway (SC 160) & Barberville Road (S-29-42)/ Stock Lane

why are counts a year old?

Barberville Road (S-29-42) & Harbor Bay Drive

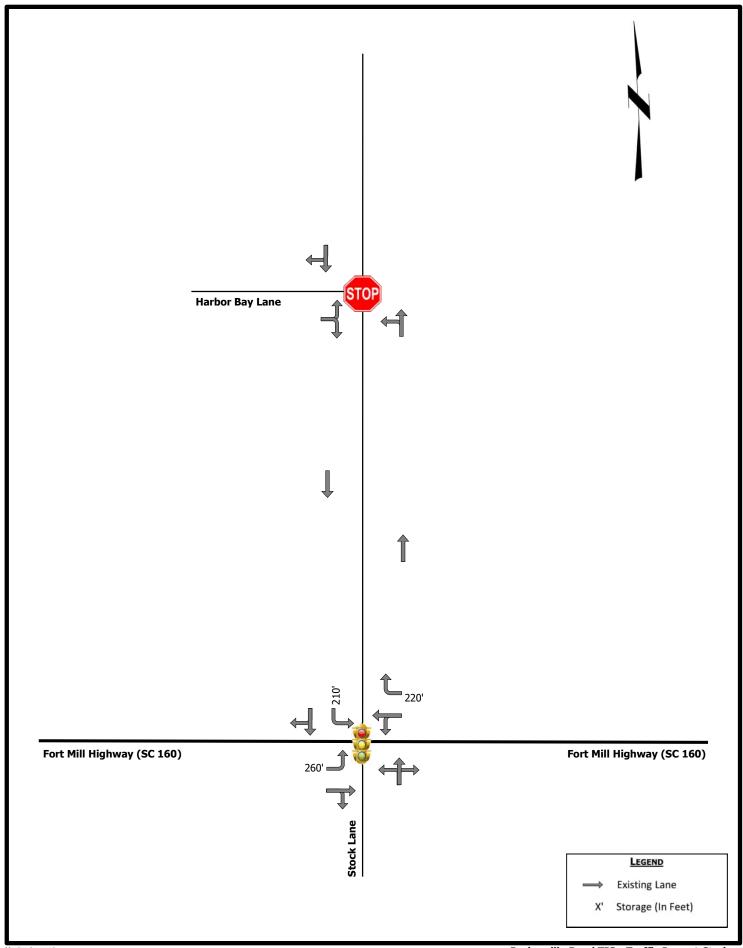
All counts were conducted while the local school district was in session. The 2023 raw traffic volumes are provided in Appendix A. Existing traffic volumes are illustrated in Figure 4.

1.4. Driveway Location

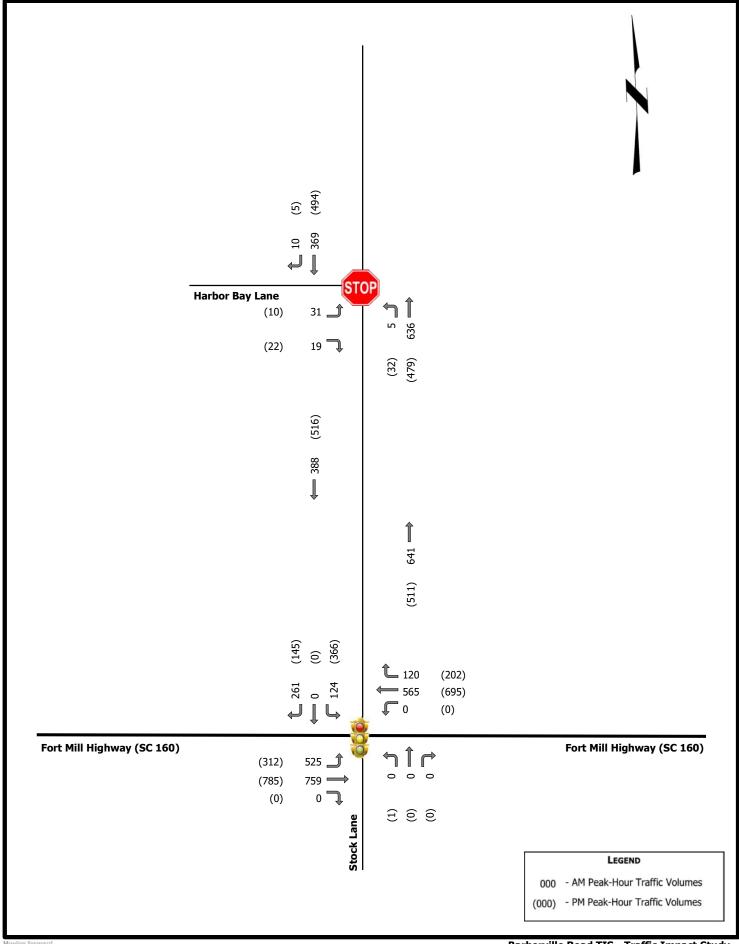
The development is expected to provide one (1) full access driveway on Barberville Road. The proposed site Access is located approximately 670 feet north of Fort Mill Highway.

The proposed driveways appear to meet the SCDOT ARMS spacing requirements.











2. PROJECT TRAFFIC

2.1. Proposed Land Uses

The Barberville Road development is proposed to contain a 120 student school/daycare center, with additional parcels that are envisioned to include approximately 18,000 SF of retail space and 8,000 SF of office space. The project site is currently vacant.

2.2. Trip Generation Estimates

The trip generation potential was estimated using information contained in ITE's *Trip Generation Manual*, 11th Edition (2021) for land use code (LUC) 565 – Day Care Center, (LUC) 822 Strip Retail Plaza and (LUC) 712 – Small Office Building . The trip generation estimates for the weekday daily, the weekday AM peak-hour of the adjacent street, and the weekday PM peak-hour of the adjacent street time periods are shown in Table 2.

Table 2 - Trip Generation Estimates



Land Use	ITE LUC Size	Ciro	Unit	Daily Traffic	AM Peak		PM Peak			
Land Ose		Size			Enter	Exit	Total	Enter	Exit	Total
Day Care Center	565	120	Student	474	46	42	88	40	46	86
Strip Retail Plaza	822	18	KSF	989	25	17	42	59	59	118
Small Office Building	712	8	KSF	115	11	2	13	6	11	17
Net New External Trips					82	61	143	105	116	221

LUC-565

Daily Trips: T=3.56(X)+47.23 (50% In; 50% Out)

AM Peak Hour Trips: T=0.66(X)+8.42 (53% In; 47% Out)

PM Peak Hour Trips: Ln(T)=0.87 Ln(X)+0.29 (47% In; 53% Out)

LUC-822

Daily Trips: T=42.20(X)+229.68 (50% In; 50% Out)

AM Peak Hour Trips: Ln(T)=0.66 Ln(X)+1.84 (60 In; 40% Out)

PM Peak Hour Trips: Ln(T)=0.71 Ln(X)+2.72 (50% In; 50% Out)

LUC-712

Daily Trips: T=14.39(X) (50% In; 50% Out)

AM Peak Hour Trips: T=1.67(X) (82% In; 18% Out)

PM Peak Hour Trips: T=2.16(X) (34% In; 66% Out)



2.3. Trip Distribution & Assignment

New external traffic expected to be generated was distributed and assigned to the roadway network based on the existing patterns and surrounding land uses. The general distribution of new external project trips was assumed to be:



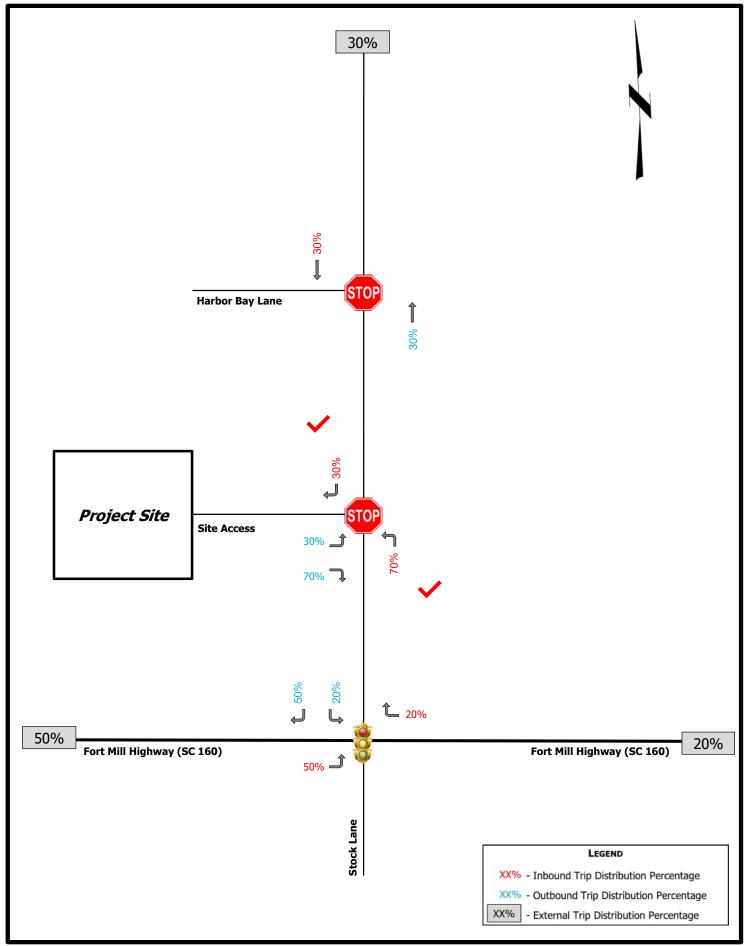
70% to/from the south via Barberville Road and



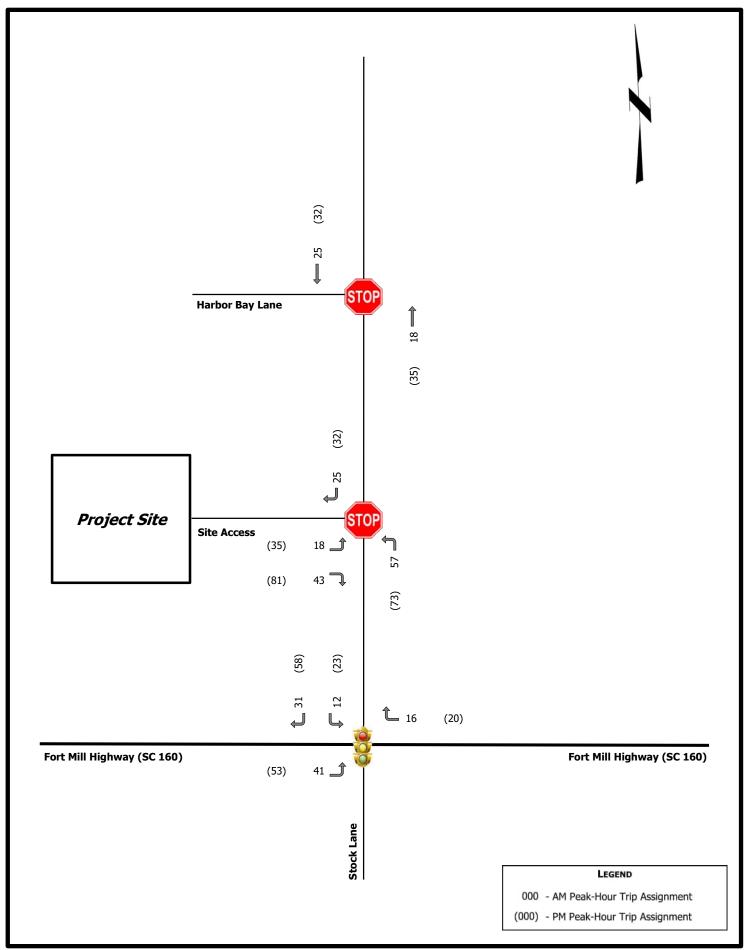
30% to/from the north via Barberville Road

The directional distribution assumptions are shown in Figure 5. The assignment of the project traffic is shown in Figure 6.











3. TRAFFIC VOLUME DEVELOPMENT

3.1. Future No-Build Traffic Volumes

establish growth rate - should use more years of ADT data which SCDOT website should have 5-10 years however did include significant amount of background traffic that attributes to the growth

To develop an annual background growth rate for use in the analysis, count data was reviewed from the years 2017 to 2020 at SCDOT Count Station 29-0163 and 29-195. Reviewing the historic growth and observing the growth pattern in the surrounding area, a 1.0% annual growth was adopted for this study. This annual growth rate was utilized to develop the 2026 No-Build traffic volumes.

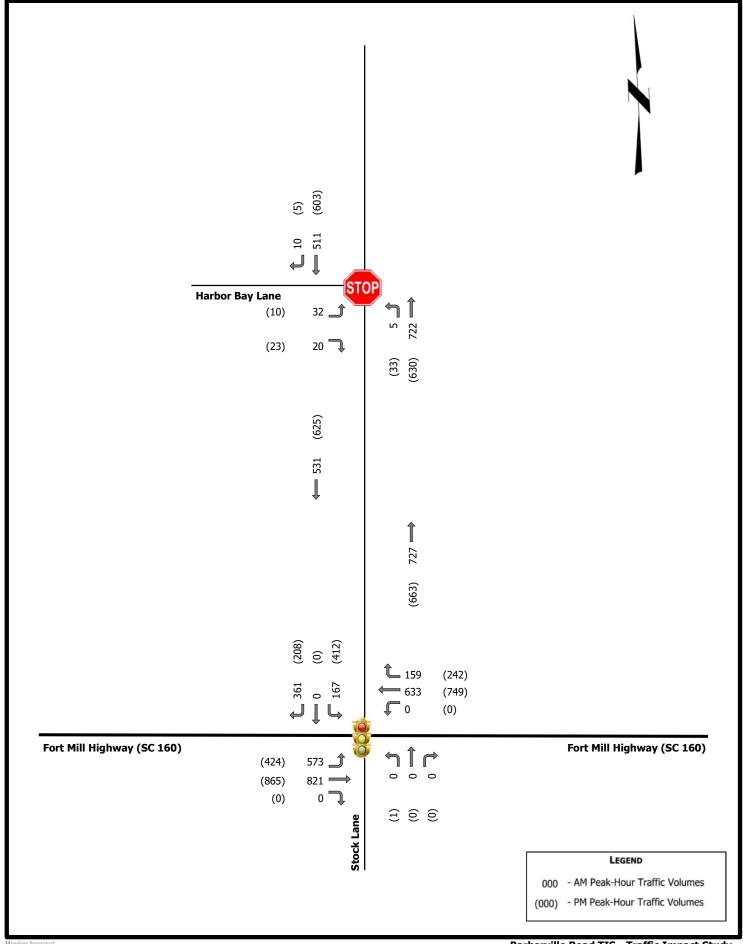
Several vested developments were considered for the study area. Site traffic from the Lodges at Indian Land, Harrisburg Road Residential (Sugar Creek), Redwood Apartments, Pettus Pond, Patterson Preserve and Patterson Lane Apartments were included in the vested trips. The vested projects include a total of 2,014 residential units expected to be completed before the Barberville Road development build out. None of the Traffic Impact Studies for these developments recommended any improvements to the Fort Mill Highway (SC 160) at Barberville Road.

The site trips from the vested developments are provided in Appendix A. The 2026 No-Build volumes are illustrated in Figure 7.

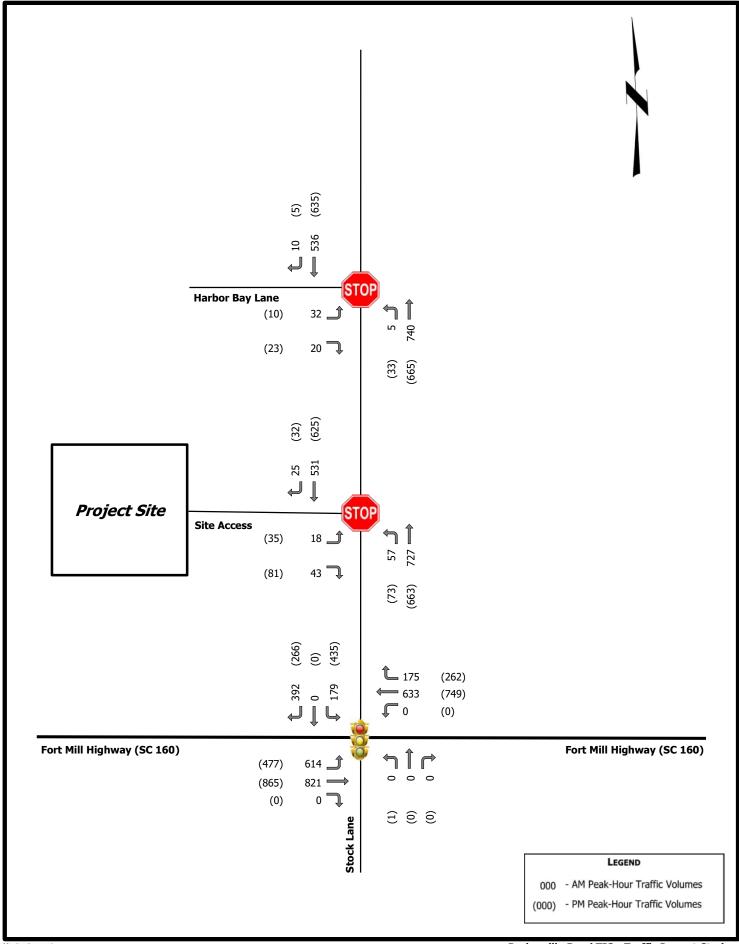
3.2. Build Out Traffic Volumes

The site generated traffic volumes were added to the 2026 No-Build traffic volumes to determine the 2026 Build volumes. The 2026 Build volumes are illustrated in Figure 8. Volume development worksheets are included in Appendix B.











4. TRAFFIC IMPACT ANALYSIS

4.1. Turn-Lane Analysis

Auxiliary turn-lane analyses were conducted using the 2026 Build volumes. Turn-lane analyses were considered based on the SCDOT Roadway Design Manual (RDM) Section 9.5.1.

Based on the anticipated build out volumes, a northbound left turn lane is warranted and recommended on Barberville Road at the access point. An auxiliary southbound right turn lane is not warranted. The site access should be designed to provide proper sight distances and meet SCDOT design criteria.

Turn-lane analyses are provided in Appendix D.

4.2. Intersection LOS Analysis

Intersection analyses were conducted for the study intersections considering 2023 Existing conditions, 2026 No-Build conditions, and 2026 Build conditions. This analysis was conducted using the Transportation Research Board's *Highway Capacity Manual* 6th Edition (HCM 6th Edition) methodologies of the *Synchro*, Version 11 software.

Intersection level of service (LOS) grades range from LOS A to LOS F, which are directly related to the level of control delay at the intersection and characterize the operational conditions of the intersection traffic flow. LOS A operations typically represent ideal, free-flow conditions where vehicles experience little to no delays, and LOS F operations typically represent poor, forced-flow (bumper-to-bumper) conditions with high vehicular delays and are generally considered undesirable. Table 3 summarizes the HCM 6^{th} Edition control delay thresholds associated with each LOS grade for unsignalized and signalized intersections.

Table 3 - HCM 6th Edition LOS Criteria for Unsignalized and Signalized Intersections

Unsignalized Intersections					
LOS	Control Delay per Vehicle (seconds)				
A	≤ 10				
В	> 10 and ≤ 15				
С	> 15 and ≤ 25				
D	> 25 and ≤ 35				
Е	> 35 and ≤ 50				
F	> 50				

Signalized Intersections					
LOS	Control Delay per Vehicle (seconds)				
A	≤10				
В	> 10 and ≤ 20				
С	> 20 and ≤ 35				
D	> 35 and ≤ 55				
Е	> 55 and ≤ 80				
F	> 80				



As part of the intersection analysis, SCDOT's default *Synchro* parameters were utilized. A constant PHF of 0.92 was applied for future year analysis. Existing heavy vehicle percentages were utilized for all analysis scenarios, with a minimum percentage of 2% considered.

Using the Synchro software, intersection analyses were conducted for the weekday AM peak-hour and weekday PM peak-hour time periods. A 150-foot storage northbound left turn lane was analyzed in the build conditions at the site access. The results of the intersection analyses are summarized in Table 4.

Table 4 - Unsignalized and Signalized Intersection Analysis Results

LOS/Delay (seconds) 2023 Existing 2026 No-Build Intersection **Approach Conditions Conditions**

2026 Build **Conditions** \mathbf{AM} PM \mathbf{AM} PM \mathbf{AM} PM EB C/34.9C/19.2E/66.7C/34.0E/76.3D/39.6Fort Mill Highway WB C/20.3C/27.4E/64.6 F/148.5 D/51.9 F/168.0 (SC 160) & F/88.7 NB A/0.0E/75.5A/0.0A/0.0F/88.7 Barberville Road SB E/70.4F/198.9 F/84.3 F/86.2 F/105.8 F/99.2 (Signalized) D/36.5 E/58.8 E/69.5 F/84.3 E/75.7 F/95.8 Overall Barberville Road & EB^1 C/19.4 C/15.9 C/26.5C/20.1D/27.8C/21.5 Harbor Bay Drive NB^2 A/9.0A/8.2A/8.6A/8.6A/8.7A/9.2(Unsignalized) Barberville Road & C/20.3D/26.9 EB Site Access NB^2 A/8.9A/9.5(Unsignalized)

With construction of the project, Barberville Road & Harbor Bay Drive should continue to function adequately. The site access should include one ingress and two egress lanes (50' storage).

The intersection of Fort Mill Highway (SC 160) at Barberville Road expected to experience delays with or without the development. Lancaster County guidelines specify that if the LOS on a principal arterial is below LOS D, then the TIS "shall identify those improvements required to ensure that development related traffic demands result in no net reduction in LOS, and identify additional improvements needed to raise the level of service on the applicable street to the adopted LOS standard."

The signalized Fort Mill Highway & Barberville Road intersection currently operates as an LOS E. and is expected to reach LOS F in the No Build conditions. Auxiliary turn lanes are already present on SC 160 and on southbound Barberville Road. To raise the level of service on the Fort Mill



¹LOS for major street left-turn movement; ²LOS for minor street approach

Highway (SC 160) at Barberville Road to a LOS D, additional eastbound and westbound through lanes along SC 160 would be required, along with signal timing optimization.

TIS's for the background developments (2,000+ residential units) did not recommend widening SC 160 as part of the background conditions. The proposed development should not add significant amounts of traffic to the area. No additional improvements to the area roadways are recommended as part of this development.

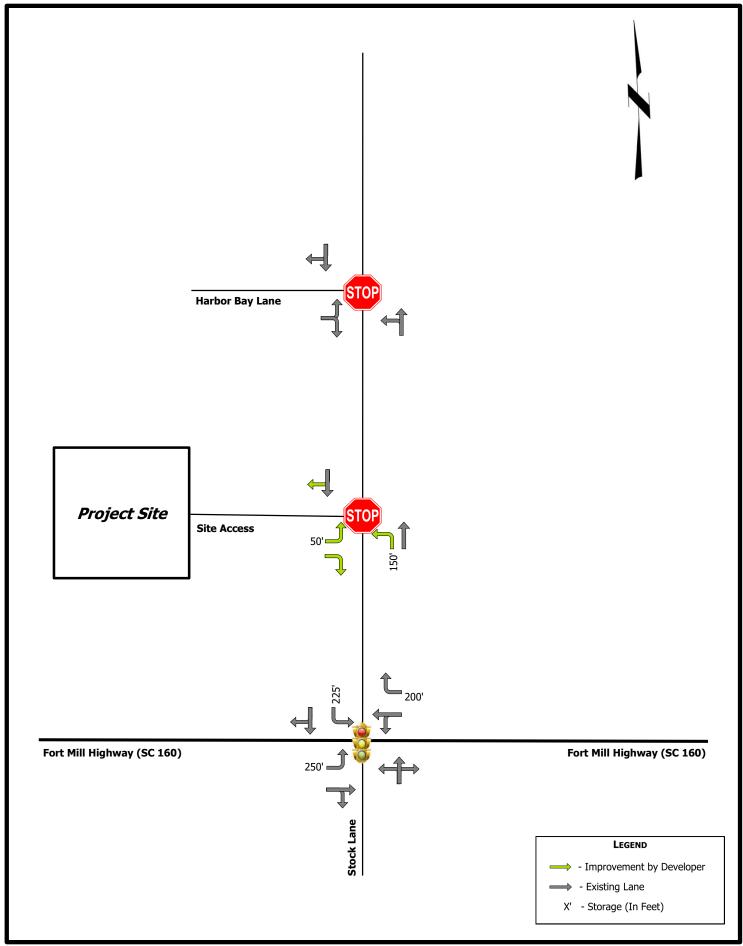
If SC 160 were widened to provide a four-lane section, the LOS would be as shown in Table 5.

Table 5 - Unsignalized and Signalized Intersection Analysis Results

		LOS/Delay (seconds) 2026 Build Improved Conditions			
Intersection	Approach				
		AM	PM		
	EB	C/34.5	C/27.5		
Fort Mill Highway (SC 160) & Barberville Road	WB	C/28.6	C/33.5		
	NB	A/0.0	F/88.7		
(Signalized)	SB	E/77.8	E/73.3		
, ,	Overall	D/41.6	D/40.0		

Figure 9 shows the recommended lane configuration for the Build (2026) condition. A capacity analysis summary is proved in Appendix D.







5. SUMMARY OF FINDINGS AND RECOMMENDATIONS

A traffic impact study was conducted for the proposed Barberville Road development in accordance with SCDOT guidelines. The development is located west of Barberville Road (S-29-42) and north of SC 160 in Lancaster County, South Carolina. The development is proposed to consist of a roughly 120 student school/daycare center, 18,000 SF of retail space and 8,000 SF of office space. The site will have one access on Barberville Road, with internal connections to adjacent parcels.

Based on the anticipated build out volumes, a northbound left turn lane is warranted and recommended on Barberville Road at the access point. An auxiliary southbound right turn lane is not warranted. The site access should include one ingress and two egress lanes (50' storage) and should be designed to provide proper sight distances and meet SCDOT design criteria.

With construction of the project, Barberville Road & Harbor Bay Drive should continue to function adequately.

The intersection of Fort Mill Highway (SC 160) at Barberville Road expected to experience delays with or without the development. Lancaster County guidelines specify that if the LOS on a principal arterial is below LOS D, then the TIS "shall identify those improvements required to ensure that development related traffic demands result in no net reduction in LOS, and identify additional improvements needed to raise the level of service on the applicable street to the adopted LOS standard."

The signalized Fort Mill Highway & Barberville Road intersection currently operates as an LOS E. and is expected to reach LOS F in the No Build conditions. Auxiliary turn lanes are already present on SC 160 and on southbound Barberville Road. Raising the level of service on the Fort Mill Highway (SC 160) at Barberville Road to a LOS D would require additional eastbound and westbound through lanes along SC 160, along with signal timing optimization. TIS's for the background developments (2,000+ residential units) did not recommend widening SC 160 as part of the background conditions.

The proposed development should not add significant amounts of traffic to the area. No additional improvements to the area roadways are recommended as part of this development.



APPENDIX A

Traffic Scoping



Tahera Anjuman

From: Love, Allison C. <LoveAC@scdot.org>
Sent: Wednesday, March 29, 2023 12:43 PM

To: Tahera Anjuman

Cc: Gamble, David D.; Stephen Blackwelder

Subject: RE: Traffic Scoping for SC 160 and Barberville Road TIS Development

Good afternoon, Tahera.

I agree with the times for traffic counts. Please make sure they are recorded while school is in regular session, and not while school is out for spring break.

Please include these study intersections:

- Harbor Bay Drive/Barberville Road
- Site Access/Fortson Road
- Barberville Road/SC Highway 160/Stock Lane

Lancaster County staff can tell you about any developments in the area that have received site plan or preliminary plat approval, but have not been built.

It looks like the road into the adjacent subdivision to the north was stubbed as a cul-de-sac for connectivity between the neighborhood and this parcel. If that is the case, then the Department would support that connection, as the proposed commercial uses could be patronized by the residents without adding turn movements onto Barberville Road.

Thank you, Allison

From: Tahera Anjuman <tanjuman@rameykemp.com>

Sent: Friday, March 24, 2023 9:11 AM **To:** Love, Allison C. <LoveAC@scdot.org>

Subject: Traffic Scoping for SC 160 and Barberville Road TIS Development

*** This is an EXTERNAL email. Please do not click on a link or open any attachments unless you are confident it is from a trusted source. ***

Good Morning Allison,

I hope you are doing well. We have a request for a proposal near SC 160 and Barberville Road in Lancaster County. Please see attached site plan. The development is proposed to consist of a roughly 120 student school/daycare Center, with additional parcels that are envisioned to include approximately 18,000 SF of retail space and 8,000 SF of office space. I am assuming the following traffic count for the project between 7-9AM and 4-6PM should be sufficient. Please let me know your thoughts and what vested developments you would like us to consider for this project. If you have any other considerations or concerns, please do let me know. I appreciate your guidance.

SC 160 & Barberville Road (S-29-42)

Thanks,

Tahera Anjuman

From: Chanda Kirkland < CKirkland@lancastersc.net>

Sent: Friday, May 19, 2023 1:05 PM

To: Tahera Anjuman
Cc: Stephen Blackwelder

Subject: RE: Traffic Scoping for SC 160 and Barberville Road TIS Development

You don't often get email from ckirkland@lancastersc.net. Learn why this is important

Good Morning Anjuman,

Below are vested projects that may need to be included in the study.

- 1. The Lodges Development consisting of multi-family apartments, townhomes and cottages.
- 2. Sugar Creek
- 3. Redwood
- 4. Pettus Pond
- 5. Patterson Preserve
- 6. Tapestry Patterson Lane Apartments

You can use our online project portal to search the above projects to hopefully get the information you need if no the engineer contact information is also listed. Hope this information helps.

Chanda



Chanda Kirkland, Development Service

Coordinator
Building

Lancaster County Government PO Box 1809 101 N Main St Lancaster, SC 29720

P: (803) 416-9390 F: (877) 636-3035 CKirkland@lancastersc.net

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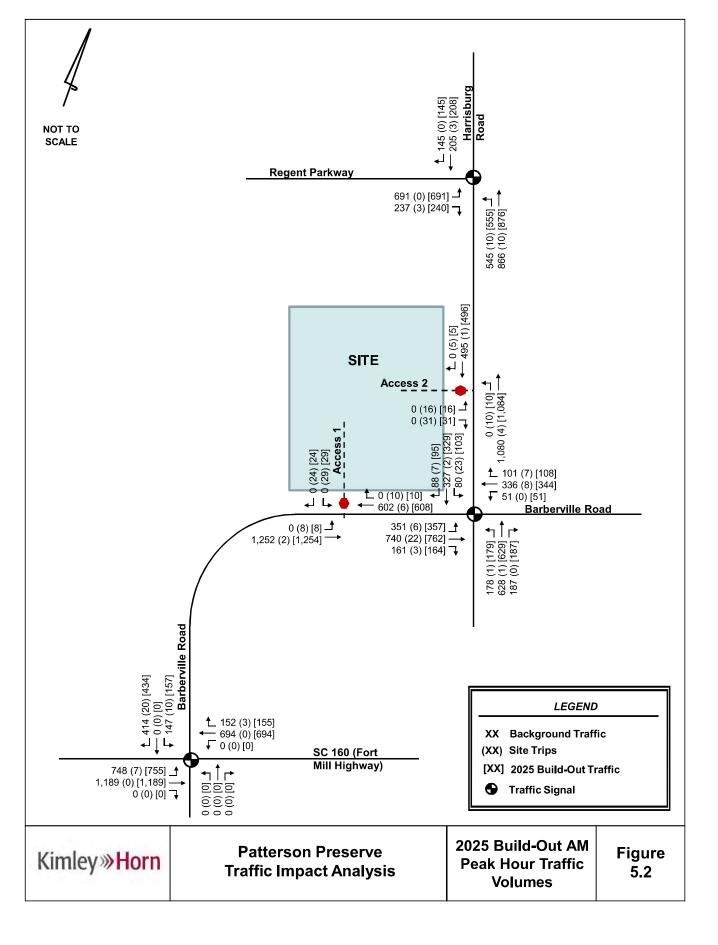
NOTICE: All email correspondence to and from this address may be subject to public disclosure under the SC Freedom of Information Act.

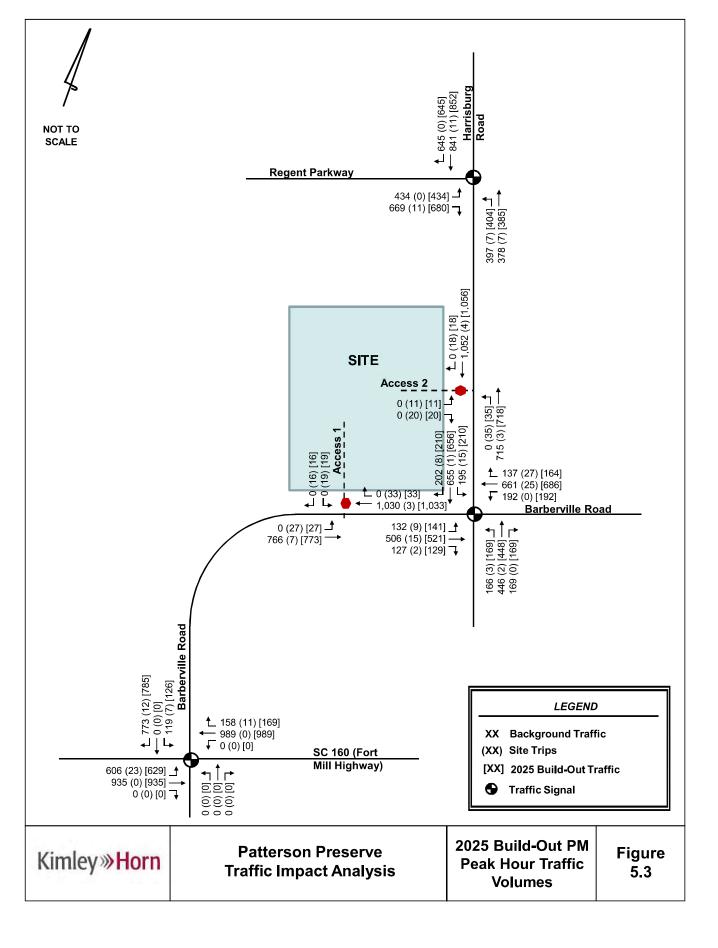
From: Stephen Blackwelder <sblackwelder@lancastersc.net>

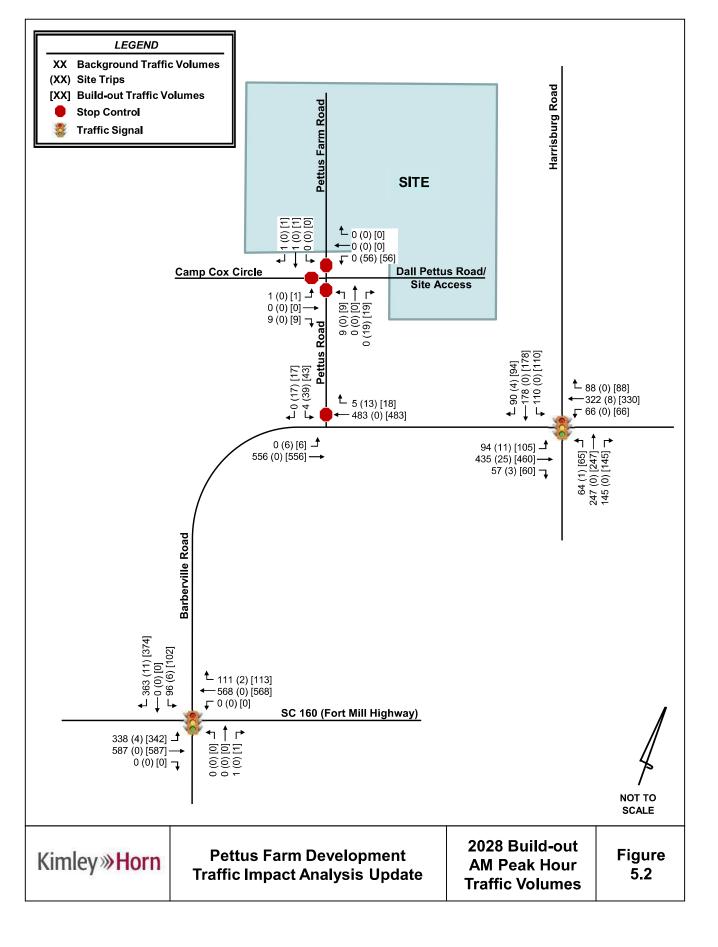
Sent: Thursday, May 18, 2023 1:55 PM

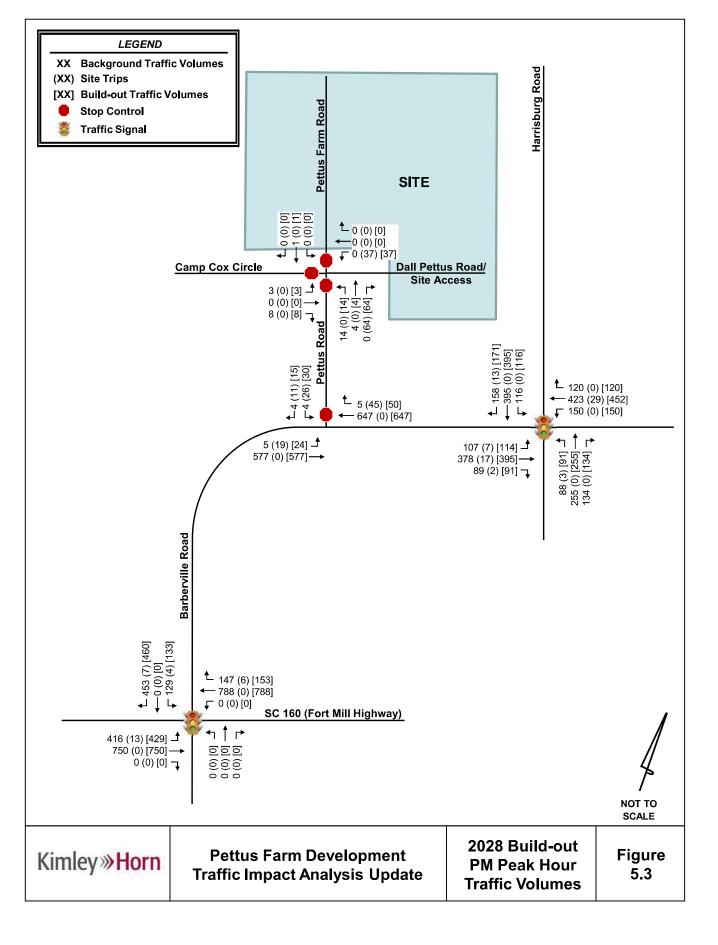
To: Chanda Kirkland < CKirkland@lancastersc.net>

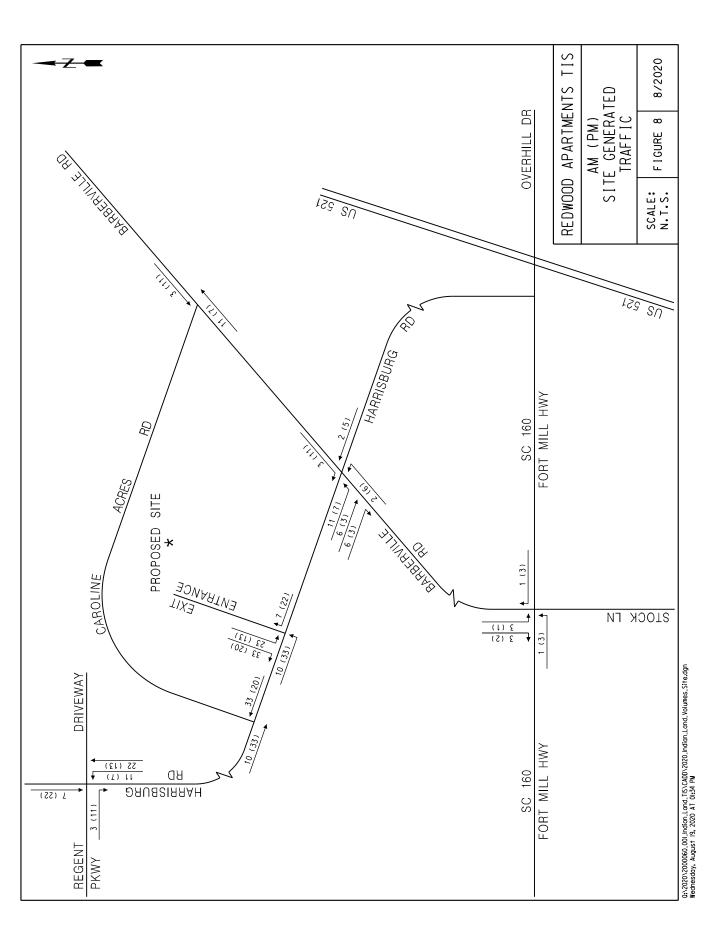
Subject: FW: Traffic Scoping for SC 160 and Barberville Road TIS Development

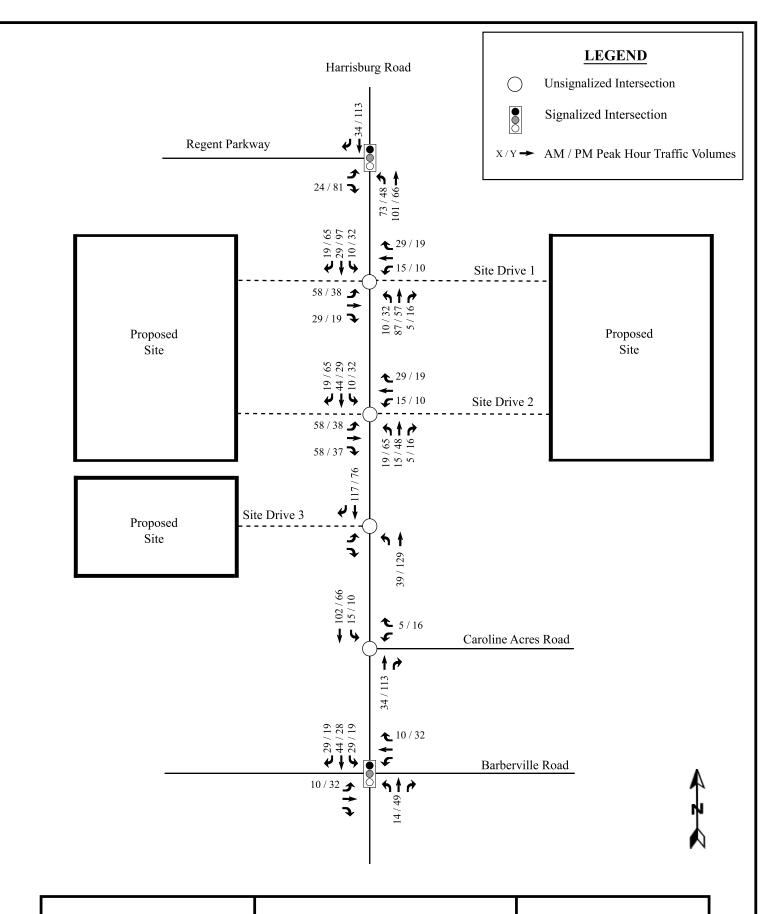












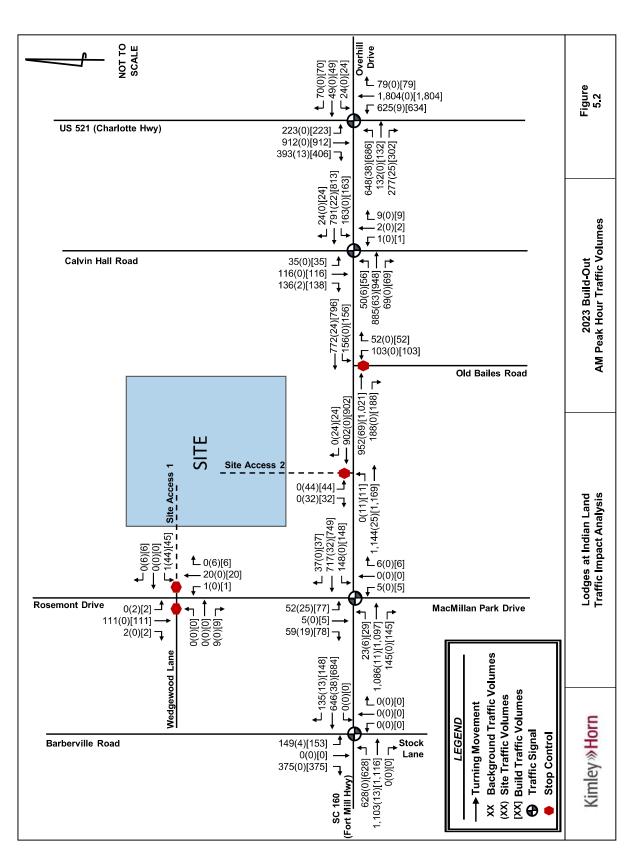


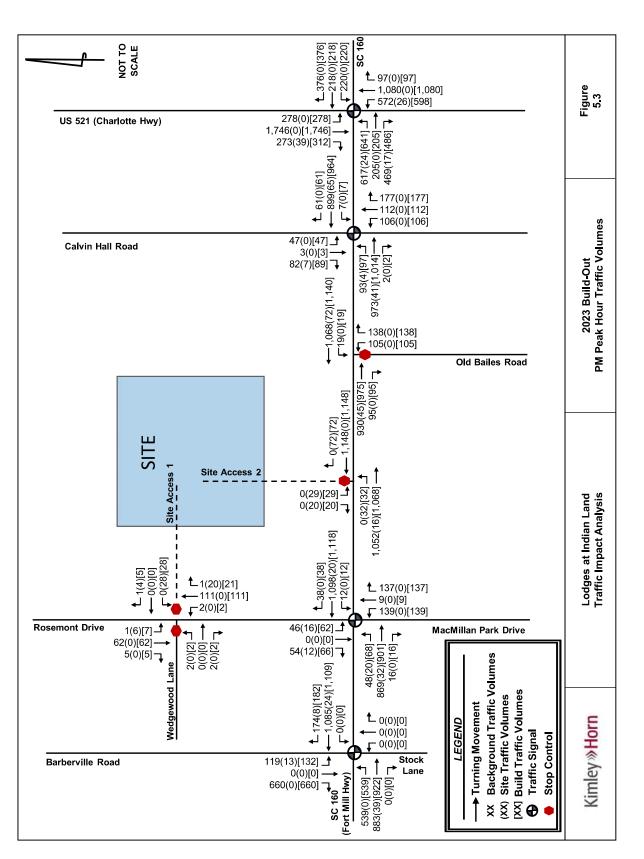
Harrisburg Road Residential Lancaster County, SC

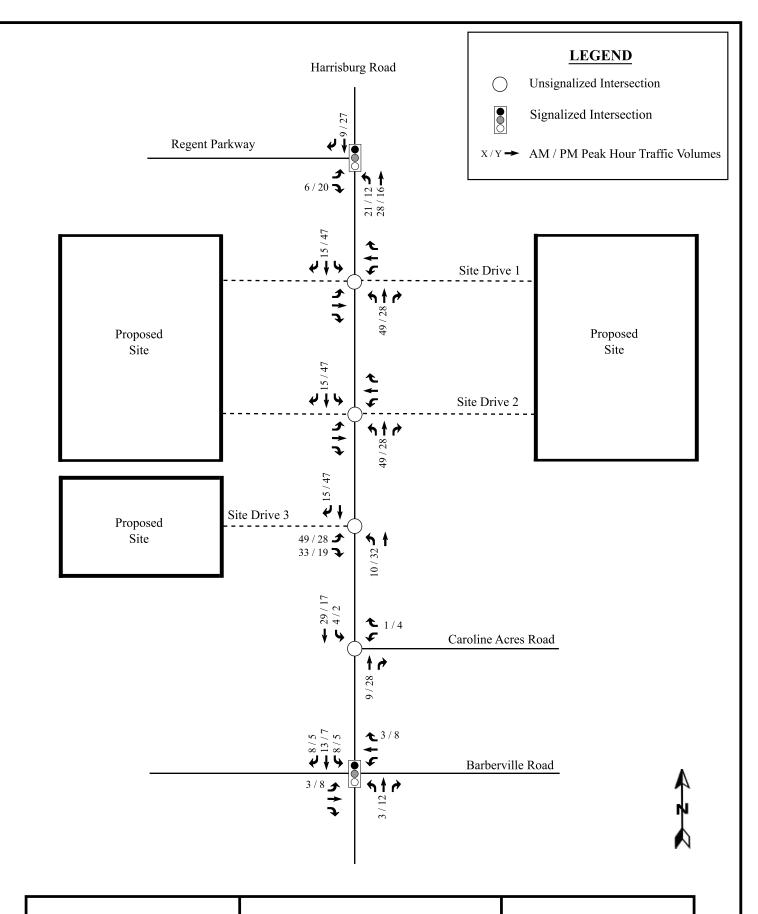
Single-Family Homes Trip Assignment

Scale: Not to Scale

Figure 7







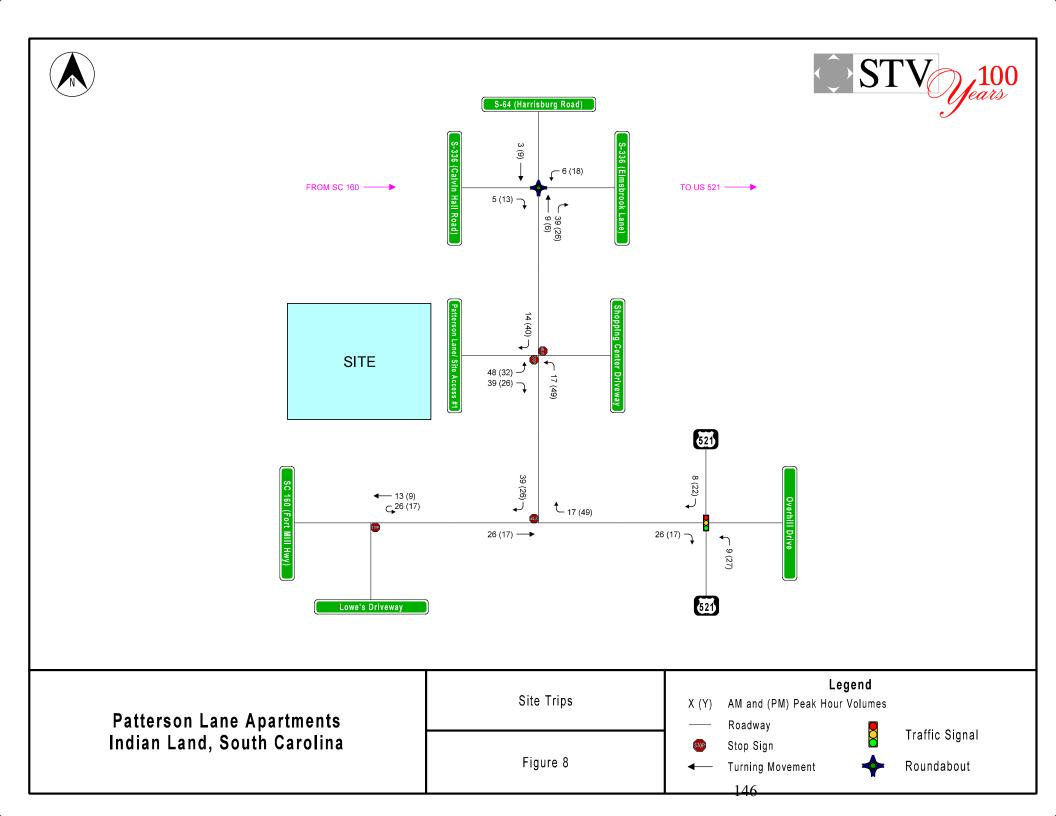


Harrisburg Road Residential Lancaster County, SC

Townhomes Trip Assignment

Scale: Not to Scale

Figure 8



APPENDIX B

Traffic Count Data





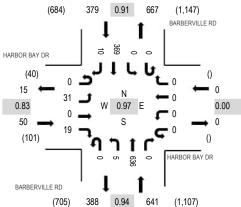
Location: 1 BARBERVILLE RD & HARBOR BAY DR AM

Date: Wednesday, May 3, 2023

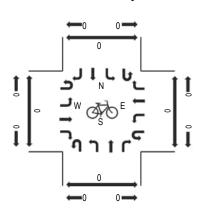
Peak Hour: 07:30 AM - 08:30 AM

Peak 15-Minutes: 08:00 AM - 08:15 AM

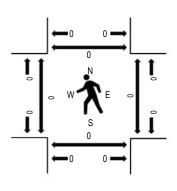
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

	HA	RBOR	BAY)R	HAF	RBOR	BAY D	R	BA	RBERV	ILLE R	RD.	BA	RBER\	/ILLE F	RD						
Interval		Eastb	ound			Westb	ound			Northb	ound			South	ound			Rolling	Ped	lestriar	n Crossii	ngs
Start Time	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	Hour	West	East	South	North
 7:00 AM	0	8	0	7	0	0	0	0	0	1	108	0	0	0	50	2	176	920	0	0	0	0
7:15 AM	0	11	0	3	0	0	0	0	0	0	130	0	0	0	73	4	221	1,019	0	0	0	0
7:30 AM	0	13	0	3	0	0	0	0	0	2	164	0	0	0	88	3	273	1,070	0	0	0	0
7:45 AM	0	3	0	5	0	0	0	0	0	1	147	0	0	0	91	3	250	1,019	0	0	0	0
8:00 AM	0	7	0	7	0	0	0	0	0	1	156	0	0	0	103	1	275	972	0	0	0	0
8:15 AM	0	8	0	4	0	0	0	0	0	1	169	0	0	0	87	3	272		0	0	0	0
8:30 AM	0	7	0	7	0	0	0	0	0	7	110	0	0	0	86	5	222		0	0	0	0
8:45 AM	0	0	0	8	0	0	0	0	0	4	106	0	0	0	83	2	203		0	0	0	0

Peak Rolling Hour Flow Rates

		East	bound			West	oound			Northb	ound			South	bound		
Vehicle Type	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	6	0	0	0	1	0	7
Lights	0	31	0	19	0	0	0	0	0	5	621	0	0	0	354	10	1,040
Mediums	0	0	0	0	0	0	0	0	0	0	9	0	0	0	14	0	23
Total	0	31	0	19	0	0	0	0	0	5	636	0	0	0	369	10	1,070

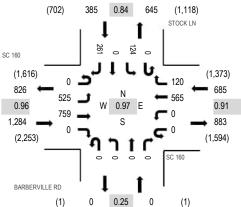
		Eastb	ound			Westb	ound			Northb	ound			South	oound		
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Heavy Vehicle %		0.0)%			0.09	6			0.9	%			0.3	%		0.7%
Heavy Vehicle %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.3%	0.0%	0.7%
Peak Hour Factor		3.0	33			0.0)			0.9	4			0.9	91		0.97
Peak Hour Factor	0.00	0.67	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.46	0.94	0.00	0.00	0.00	0.90	0.60	0.97



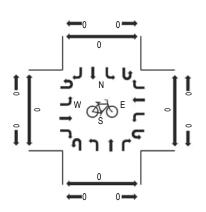
Location: 2 BARBERVILLE RD & SC 160 AM

Date: Wednesday, May 3, 2023 **Peak Hour:** 07:30 AM - 08:30 AM **Peak 15-Minutes:** 08:15 AM - 08:30 AM

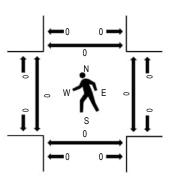
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

			SC	160			SC 1	160		BAI	RBERV	ILLE R	D		STOC	KLN							
	Interval		Eastb	ound			Westb	ound			Northb	ound			South	oound			Rolling	Ped	lestriar	n Cross	ings
	Start Time	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	Hour	West	East	South	North
_	7:00 AM	0	84	107	1	0	0	126	29	0	0	0	0	0	12	0	39	398	2,066	0	0	0	0
	7:15 AM	0	112	137	0	0	0	153	25	0	1	0	0	0	23	0	55	506	2,254	0	0	0	0
	7:30 AM	0	141	169	0	0	0	137	31	0	0	0	0	0	29	0	61	568	2,354	0	0	0	0
	7:45 AM	0	111	206	0	0	0	156	27	0	0	0	0	0	36	0	58	594	2,307	0	0	0	0
	8:00 AM	0	140	183	0	0	0	124	21	0	0	0	0	0	40	0	78	586	2,263	0	0	0	0
	8:15 AM	0	133	201	0	0	0	148	41	0	0	0	0	0	19	0	64	606		0	0	0	0
	8:30 AM	0	92	161	0	0	0	145	23	0	0	0	0	0	40	0	60	521		0	0	0	0
	8:45 AM	0	73	202	0	0	0	152	35	0	0	0	0	0	29	0	59	550		0	0	0	0

Peak Rolling Hour Flow Rates

		East	bound			West	oound			North	ound			South	bound		
Vehicle Type	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Articulated Trucks	0	5	6	0	0	0	7	0	0	0	0	0	0	0	0	1	19
Lights	0	517	746	0	0	0	543	114	0	0	0	0	0	118	0	252	2,290
Mediums	0	3	7	0	0	0	15	6	0	0	0	0	0	6	0	8	45
Total	0	525	759	0	0	0	565	120	0	0	0	0	0	124	0	261	2,354

		Eastb	ound			Westb	ound			Northb	ound			South	bound		
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Heavy Vehicle %		0.9	9%			1.09	%			0.0	%			0.3	3%		0.8%
Heavy Vehicle %	0.0%	1.0%	0.8%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.8%
Peak Hour Factor		0.9	96			0.9	1			0.2	5			3.0	34		0.97
Peak Hour Factor	0.00	0.93	0.92	0.25	0.00	0.00	0.92	0.73	0.00	0.25	0.00	0.00	0.00	0.84	0.00	0.84	0.97

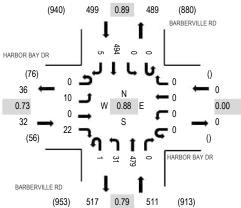


Location: 1 BARBERVILLE RD & HARBOR BAY DR PM

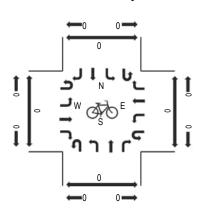
Date: Wednesday, May 3, 2023 **Peak Hour:** 05:00 PM - 06:00 PM

Peak 15-Minutes: 05:45 PM - 06:00 PM

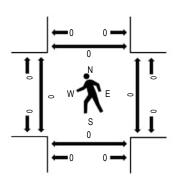
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

	HA	RBOR	BAY D	R	HA	RBOR	BAY DI	R	BA	RBERV	ILLE R	RD.	BA	RBER'	VILLE F	RD						
Interval		Eastb	ound			Westb	ound			Northb	ound			South	bound			Rolling	Ped	destriar	n Crossi	ings
Start Time	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	Hour	West	East	South	North
4:00 PM	0	1	0	4	0	0	0	0	0	4	83	0	0	0	83	4	179	867	0	0	0	0
4:15 PM	0	3	0	7	0	0	0	0	0	10	103	0	0	0	114	2	239	939	0	0	0	0
4:30 PM	0	4	0	2	0	0	0	0	0	4	98	0	0	0	84	8	200	943	0	0	0	0
4:45 PM	0	1	0	2	0	0	0	0	0	2	98	0	0	0	140	6	249	996	0	0	0	0
5:00 PM	0	3	0	6	0	0	0	0	0	7	96	0	0	0	137	2	251	1,042	0	0	0	0
5:15 PM	0	2	0	9	0	0	0	0	0	8	115	0	0	0	108	1	243		0	0	0	0
5:30 PM	0	4	0	1	0	0	0	0	1	7	116	0	0	0	123	1	253		0	0	0	0
5:45 PM	0	1	0	6	0	0	0	0	0	9	152	0	0	0	126	1	295		0	0	0	0

Peak Rolling Hour Flow Rates

		East	bound			West	oound			Northb	ound			South	bound		
Vehicle Type	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	3
Lights	0	10	0	20	0	0	0	0	1	31	472	0	0	0	483	5	1,022
Mediums	0	0	0	2	0	0	0	0	0	0	6	0	0	0	9	0	17
Total	0	10	0	22	0	0	0	0	1	31	479	0	0	0	494	5	1,042

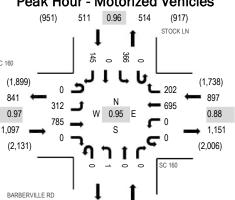
		Eastb	ound			Westb	ound			Northb	ound			South	oound		
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Heavy Vehicle %		0.0)%			0.0	%			0.2	%			0.4	%		0.3%
Heavy Vehicle %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.4%	0.0%	0.3%
Peak Hour Factor		0.7	73			0.0	0			0.7	9			3.0	39		0.88
Peak Hour Factor	0.00	0.69	0.00	0.61	0.00	0.00	0.00	0.00	0.25	0.86	0.79	0.00	0.00	0.00	0.91	0.63	0.88



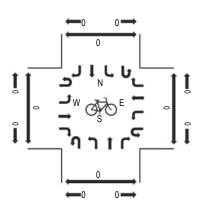
Location: 2 BARBERVILLE RD & SC 160 PM

Date: Wednesday, May 3, 2023 Peak Hour: 05:00 PM - 06:00 PM Peak 15-Minutes: 05:45 PM - 06:00 PM

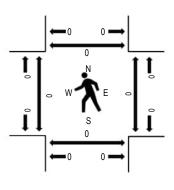
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

0.50

(1)

Traffic Counts - Motorized Vehicles

		SC	160			SC 1	60		BA	RBERV	ILLE R	RD.		STOC	KLN							
Interval		Eastb	ound			Westb	ound			Northb	ound			South	bound			Rolling	Ped	lestriar	n Crossi	ngs
Start Time	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	Hour	West	East	South	North
4:00 PM	0	71	178	1	0	0	166	24	0	1	0	0	0	23	0	71	535	2,317	0	0	0	0
4:15 PM	0	70	193	0	0	0	196	32	0	0	1	0	0	22	0	83	597	2,366	0	0	0	0
4:30 PM	0	78	180	0	0	0	157	31	0	0	0	0	0	30	0	75	551	2,413	0	0	0	0
4:45 PM	0	65	198	0	0	0	204	31	0	0	0	0	0	31	0	105	634	2,478	0	0	0	0
5:00 PM	0	75	183	0	0	0	166	35	0	0	0	0	0	71	0	54	584	2,506	0	0	0	0
5:15 PM	0	70	209	0	0	0	190	48	0	0	0	0	0	96	0	31	644		0	0	0	0
5:30 PM	0	84	194	0	0	0	158	45	0	1	0	0	0	104	0	30	616		0	0	0	0
5:45 PM	0	83	199	0	0	0	181	74	0	0	0	0	0	95	0	30	662		0	0	0	0

Peak Rolling Hour Flow Rates

		East	bound			West	oound			North	ound			South	bound		
Vehicle Type	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Articulated Trucks	0	1	3	0	0	0	4	0	0	0	0	0	0	1	0	1	10
Lights	0	308	775	0	0	0	687	200	0	1	0	0	0	358	0	143	2,472
Mediums	0	3	7	0	0	0	4	2	0	0	0	0	0	7	0	1	24
Total	0	312	785	0	0	0	695	202	0	1	0	0	0	366	0	145	2,506

		Eastb	ound			Westb	ound			Northb	ound			South	oound		
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total
Heavy Vehicle %		0.4	! %			0.49	%			0.0	%			0.4	%		0.4%
Heavy Vehicle %	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.7%	0.4%
Peak Hour Factor		0.9	97			0.8	8			0.5	0			0.9	96		0.95
Peak Hour Factor	0.00	0.93	0.94	0.25	0.00	0.00	0.89	0.68	0.00	0.25	0.25	0.00	0.00	0.88	0.00	0.80	0.95

APPENDIX C

Traffic Volume Development Worksheets and ITE Trip Generation Worksheets



INTERSECTION TRAFFIC VOLUME DEVELOPMENT

Fort Mill Highway & Barberville Road

TRAFFIC CONTROL: Signalized

DATE COUNTED: Wednesday, May 3, 2023

AM PEAK HOUR (7:30-8:30 AM)	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2023 TRAFFIC VOLUMES	525	759	0	0	565	120	0	0	0	124	0	261
Heavy Vehicle Percentage	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Years To Buildout (2026)	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Background Traffic Growth	16	23	0	0	17	4	0	0	0	4	0	8
Vested Trips (The Lodges)	0	13			38	13				4		0
Vested Trips (Sugar Creek)	10					8				8		29
Vested Trips (Redwood)	1					1				3		3
Vested Trips (Pettus Pond)	4					2				6		11
Vested Trips (Patterson Preserve)	7					3				10		20
Vested Trips (Patterson Lane Appartments)		26			13							
Vested Traffic Volumes	22	39			51	27				31		63
2026 NO-BUILD TRAFFIC VOLUMES	573	821	0	0	633	159	0	0	0	167	0	361
Inbound Trip Distribution Percentage	50%					20%						
Outbound Trip Distribution Percentage										20%		50%
Inbound New Project Traffic	41					16						
Outbound New Project Traffic										12		31
Pass-By Project Traffic												
Total New Project Traffic	41					16				12		31
2026 BUILD TRAFFIC VOLUMES	614	821	0	0	633	175	0	0	0	179	0	392

PM PEAK HOUR (5:00-6:00 PM)	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2023 TRAFFIC VOLUMES	312	785	0	0	695	202	1	0	0	366	0	145
Heavy Vehicle Percentage	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Years To Buildout (2026)	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Background Traffic Growth	9	24	0	0	21	6	0	0	0	11	0	4
Vested Trips (The Lodges)	0	39			24	8				13		0
Vested Trips (Sugar Creek)	32					3				5		19
Vested Trips (Redwood)	3					3				1		2
Vested Trips (Pettus Pond)	13					6				4		7
Vested Trips (Patterson Preserve)	23					11				7		12
Vested Trips (Patterson Lane Appartments)		17			9							
Vested Traffic Volumes	71	56			33	31				30		40
2026 NO-BUILD TRAFFIC VOLUMES	424	865	0	0	749	242	1	0	0	412	0	208
Inbound Trip Distribution Percentage	50%					20%						
Outbound Trip Distribution Percentage										20%		50%
Inbound New Project Traffic	53					20						
Outbound New Project Traffic										23		58
Pass-by Project Traffic												
Total New Project Traffic	53					20				23		58
2026 BUILD TRAFFIC VOLUMES	477	865	0	0	749	262	1	0	0	435	0	266



INTERSECTION TRAFFIC VOLUME DEVELOPMENT

Barberville Road & Harbor Bay Drive

TRAFFIC CONTROL: Unsignalized

DATE COUNTED: Wednesday, May 3, 2023

AM PEAK HOUR (7:30-8:30 AM)	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2023 TRAFFIC VOLUMES	31	0	19	0	0	0	5	636	0	0	369	10
Heavy Vehicle Percentage	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Years To Buildout (2026)	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Background Traffic Growth	1	0	1	0	0	0	0	19	0	0	11	0
Vested Trips (The Lodges)								13			4	
Vested Trips (Sugar Creek)								18			37	
Vested Trips (Redwood)								2			6	
Vested Trips (Pettus Pond)								6			17	
Vested Trips (Patterson Preserve)								10			30	
Vested Trips (Patterson Lane Appartments)								0			0	
Vested Traffic Volumes								49			94	
2026 NO-BUILD TRAFFIC VOLUMES	32	0	20	0	0	0	5	722	0	0	511	10
Inbound Trip Distribution Percentage											30%	
Outbound Trip Distribution Percentage								30%				
Inbound New Project Traffic											25	
Outbound New Project Traffic								18				
Pass-By Project Traffic												
Total New Project Traffic								18			25	
2026 BUILD TRAFFIC VOLUMES	32	0	20	0	0	0	5	740	0	0	536	10

PM PEAK HOUR (5:00-6:00 PM)	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2023 TRAFFIC VOLUMES	10	0	22	0	0	0	32	479	0	0	494	5
Heavy Vehicle Percentage	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Years To Buildout (2026)	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Background Traffic Growth	0	0	1	0	0	0	1	14	0	0	15	0
Vested Trips (The Lodges)								8			13	
Vested Trips (Sugar Creek)								35			24	
Vested Trips (Redwood)								6			3	
Vested Trips (Pettus Pond)								19			11	
Vested Trips (Patterson Preserve)								34			19	
Vested Trips (Patterson Lane Appartments)								0			0	
Vested Traffic Volumes								102			70	
2026 NO-BUILD TRAFFIC VOLUMES	10	0	23	0	0	0	33	630	0	0	603	5
Inbound Trip Distribution Percentage											30%	
Outbound Trip Distribution Percentage								30%				
Inbound New Project Traffic											32	
Outbound New Project Traffic								35				
Pass-by Project Traffic												
Total New Project Traffic								35			32	
2026 BUILD TRAFFIC VOLUMES	10	0	23	0	0	0	33	665	0	0	635	5



INTERSECTION TRAFFIC VOLUME DEVELOPMENT

Barberville Road & Fortson Road/ Site Access TRAFFIC CONTROL: Unsignalized

DATE COUNTED:

AM PEAK HOUR (7:30-8:30 AM)	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2023 TRAFFIC VOLUMES	0	0	0	0	0	0	0	641	0	0	388	0
Heavy Vehicle Percentage	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Years To Buildout (2026)	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Background Traffic Growth	0	0	0	0	0	0	0	19	0	0	12	0
Vested Trips (The Lodges)								13			4	
Vested Trips (Sugar Creek)								18			37	
Vested Trips (Redwood)								2			6	
Vested Trips (Pettus Pond)								6			17	
Vested Trips (Patterson Preserve)								10			30	
Vested Trips (Patterson Lane Appartments)								0			0	
Vested Traffic Volumes								49			94	
2026 NO-BUILD TRAFFIC VOLUMES	0	0	0	0	0	0	0	727	0	0	531	0
Inbound Trip Distribution Percentage							70%					30%
Outbound Trip Distribution Percentage	30%		70%									
Inbound New Project Traffic							57					25
Outbound New Project Traffic	18		43									
Pass-By Project Traffic												
Total New Project Traffic	18		43				57					25
2026 BUILD TRAFFIC VOLUMES	18	0	43	0	0	0	57	727	0	0	531	25

PM PEAK HOUR (5:00-6:00 PM)	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2023 TRAFFIC VOLUMES	0	0	0	0	0	0	0	511	0	0	516	0
Heavy Vehicle Percentage	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Years To Buildout (2026)	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Background Traffic Growth	0	0	0	0	0	0	0	15	0	0	15	0
Vested Trips (The Lodges)								8			13	
Vested Trips (Sugar Creek)								35			24	
Vested Trips (Redwood)								6			3	
Vested Trips (Pettus Pond)								19			11	
Vested Trips (Patterson Preserve)								34			19	
Vested Trips (Patterson Lane Appartments)								0			0	
Vested Traffic Volumes								102			70	
2026 NO-BUILD TRAFFIC VOLUMES	0	0	0	0	0	0	0	663	0	0	625	0
Inbound Trip Distribution Percentage							70%					30%
Outbound Trip Distribution Percentage	30%		70%									
Inbound New Project Traffic							73					32
Outbound New Project Traffic	35		81									
Pass-by Project Traffic												
Total New Project Traffic	35		81				73					32
2026 BUILD TRAFFIC VOLUMES	35	0	81	0	0	0	73	663	0	0	625	32



Day Care Center

(565)

Vehicle Trip Ends vs: Students

On a: Weekday

Setting/Location: General Urban/Suburban

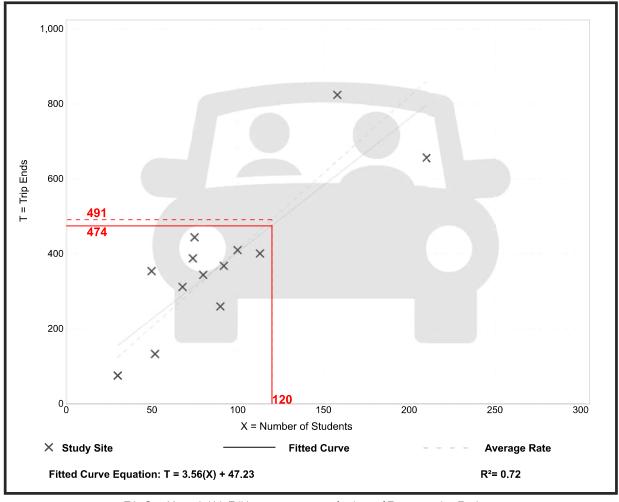
Number of Studies: 14 Avg. Num. of Students: 89

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Student

Average Rate	Range of Rates	Standard Deviation
4.09	2.50 - 7.06	1.21

Data Plot and Equation



Trip Gen Manual, 11th Edition

• Institute of Transportation Engineers

Day Care Center (565)

Vehicle Trip Ends vs: **Students**

> On a: Weekday,

> > Peak Hour of Adjacent Street Traffic,

One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

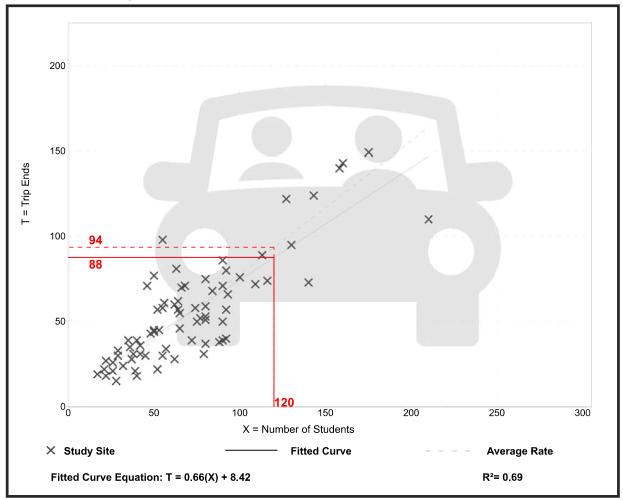
Number of Studies: 75 Avg. Num. of Students: 71

Directional Distribution: 53% entering, 47% exiting

Vehicle Trip Generation per Student

	Average Rate	Range of Rates	Standard Deviation
Г	0.78	0.39 - 1.78	0.25

Data Plot and Equation



Trip Gen Manual, 11th Edition

Day Care Center

(565)

Vehicle Trip Ends vs: Students

On a: Weekday,

Peak Hour of Adjacent Street Traffic,

One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

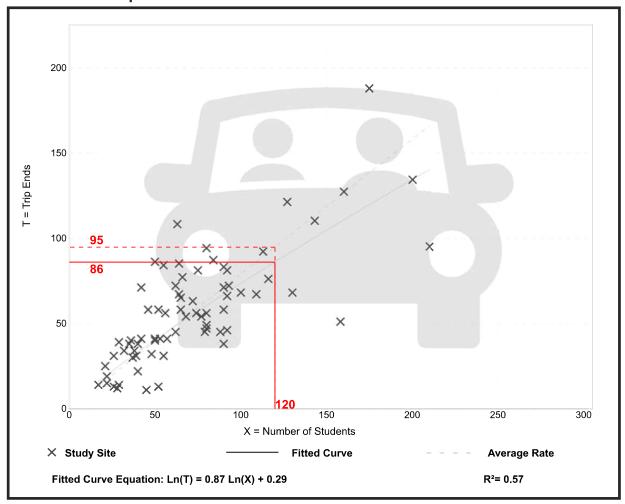
Number of Studies: 75 Avg. Num. of Students: 72

Directional Distribution: 47% entering, 53% exiting

Vehicle Trip Generation per Student

Average Rate	Range of Rates	Standard Deviation
0.79	0.24 - 1.72	0.30

Data Plot and Equation



Trip Gen Manual, 11th Edition

Strip Retail Plaza (<40k)

(822)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday

Setting/Location: General Urban/Suburban

Number of Studies: 4 Avg. 1000 Sq. Ft. GLA: 19

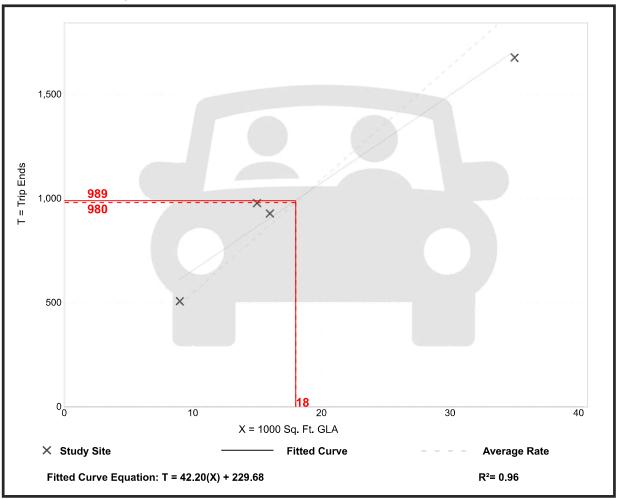
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
54.45	47.86 - 65.07	7.81

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Strip Retail Plaza (<40k)

(822)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 5 Avg. 1000 Sq. Ft. GLA: 18

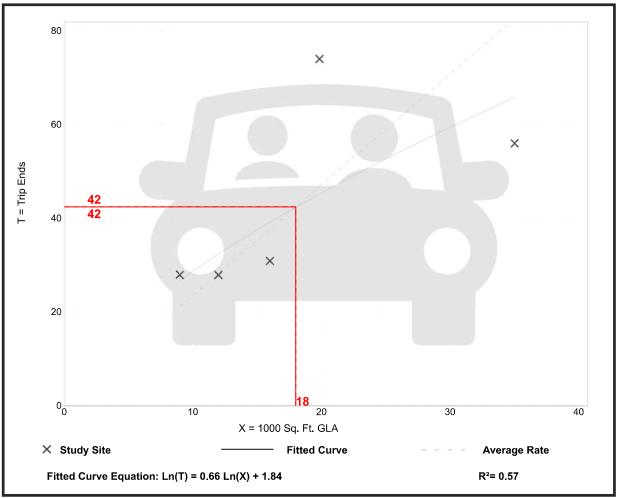
Directional Distribution: 60% entering, 40% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
2.36	1.60 - 3.73	0.94

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Strip Retail Plaza (<40k)

(822)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

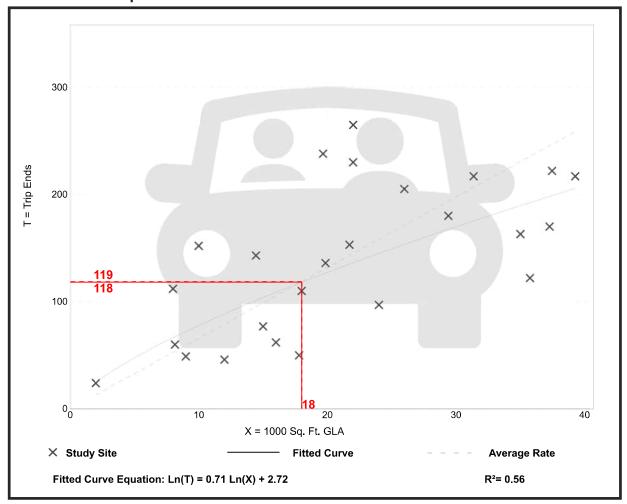
Number of Studies: 25 Avg. 1000 Sq. Ft. GLA: 21

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
6.59	2.81 - 15.20	2.94

Data Plot and Equation



Trip Gen Manual, 11th Edition

Small Office Building (712)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday

Setting/Location: General Urban/Suburban

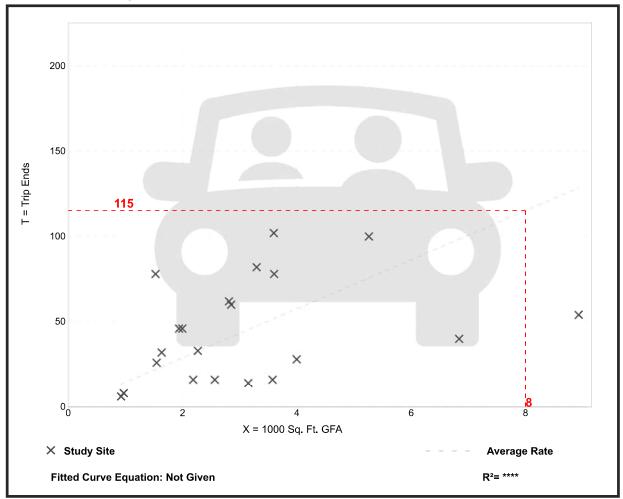
Number of Studies: Avg. 1000 Sq. Ft. GFA: 3

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
14.39	4.44 - 50.91	10.16

Data Plot and Equation



Trip Gen Manual, 11th Edition

Small Office Building (712)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

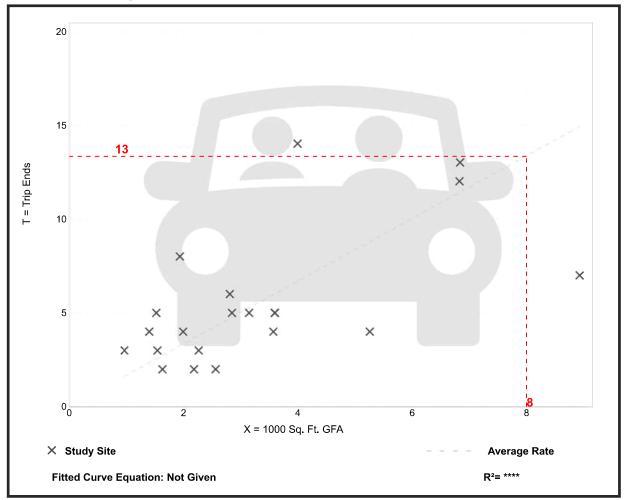
Number of Studies: Avg. 1000 Sq. Ft. GFA: 3

Directional Distribution: 82% entering, 18% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
1.67	0.76 - 4.12	0.88

Data Plot and Equation



Trip Gen Manual, 11th Edition

Small Office Building (712)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

General Urban/Suburban Setting/Location:

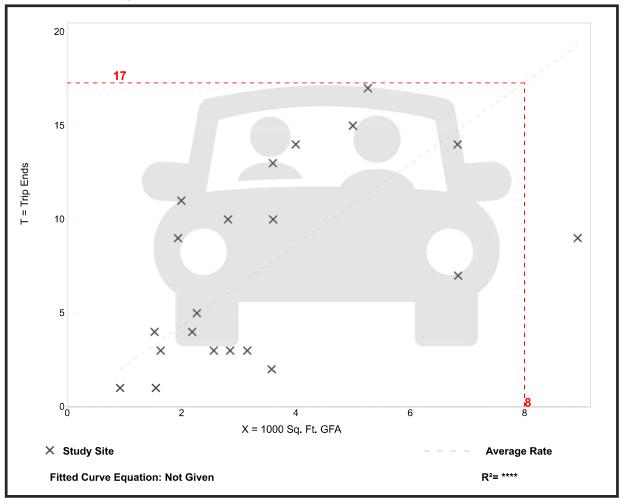
Number of Studies: Avg. 1000 Sq. Ft. GFA: 3

Directional Distribution: 34% entering, 66% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
2.16	0.56 - 5.50	1.26

Data Plot and Equation



Trip Gen Manual, 11th Edition

APPENDIX D

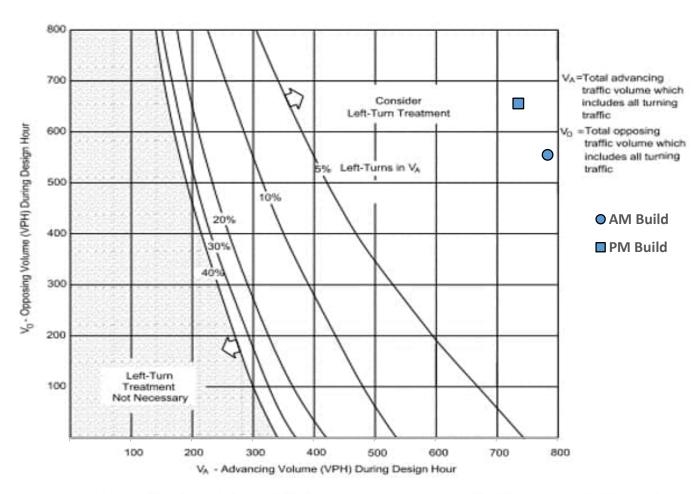
Turn Lane Analysis Worksheets



Barberville Road TIS

LEFT-TURN LANE WARRANT REVIEW

9.5-8 INTERSECTIONS March 2017



VOLUME GUIDELINES FOR LEFT-TURN LANES AT UNSIGNALIZED INTERSECTIONS ON TWO-LANE HIGHWAYS (45 mph)

Figure 9.5-F

INTERSECTION: Barberville Road & Site Access

MOVEMENT: Northbound left turn

SCENARIO	Advancing Volume (V _a)	Northbound left turn	Opposing Volume (V _o)	Left Turn % of V _a	Symbol
AM Build	784	57	556	7.3%	•
PM Build	736	73	657	9.9%	

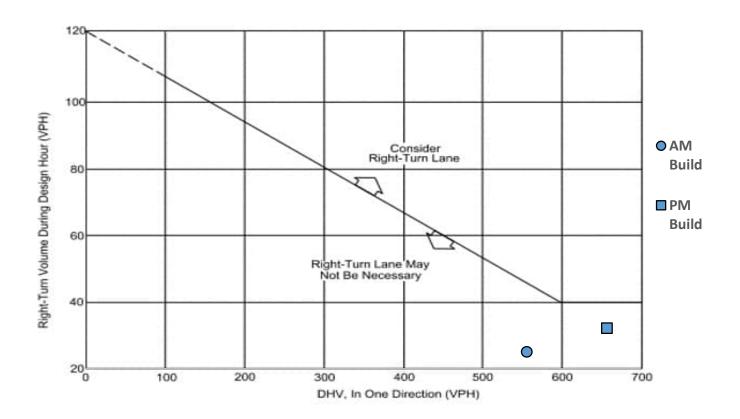


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Barberville Road TIS

RIGHT-TURN LANE WARRANT REVIEW

9.5-2 INTERSECTIONS March 2017



Note: For highways with a design speed below 50 miles per hour with a DHV < 300 and where right turns > 40, an adjustment should be used. To read the vertical axis of the chart, subtract 20 from the actual number of right turns.

GUIDELINES FOR RIGHT-TURN LANES AT UNSIGNALIZED INTERSECTIONS ON TWO-LANE HIGHWAYS

Figure 9.5-A

INTERSECTION: Barberville Road & Site Access

MOVEMENT: Southbound right turn

SCENARIO	Design Hour Volume	Right Turn Volume	Symbol
AM Build	556	25	•
PM Build	657	32	



APPENDIX E

Capacity Analysis



2023 Existing Conditions



	٠	-	•	•	•	•	4	Î	~	/	1	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	1			4	7		4		*	7	
Traffic Volume (veh/h)	525	759	0	0	565	120	0	0	0	124	0	261
Future Volume (veh/h)	525	759	0	0	565	120	0	0	0	124	0	261
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	1847
Adj Flow Rate, veh/h	571	825	0	0	614	130	0	0	0	135	0	284
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	540	1367	0	0	763	918	0	2	0	316	0	282
Arrive On Green	0.18	0.67	0.00	0.00	0.43	0.43	0.00	0.00	0.00	0.18	0.00	0.18
Sat Flow, veh/h	1931	2027	0	0	1776	1505	0	1949	0	1759	0	1565
Grp Volume(v), veh/h	571	825	0	0	614	130	0	0	0	135	0	284
Grp Sat Flow(s), veh/h/ln	1931	2027	0	0	1776	1505	0	1949	0	1759	0	1565
Q Serve(g_s), s	14.9	18.3	0.0	0.0	24.6	3.0	0.0	0.0	0.0	5.6	0.0	14.7
Cycle Q Clear(g_c), s	14.9	18.3	0.0	0.0	24.6	3.0	0.0	0.0	0.0	5.6	0.0	14.7
Prop In Lane	1.00	10.0	0.00	0.00	21.0	1.00	0.00	0.0	0.00	1.00	0.0	1.00
Lane Grp Cap(c), veh/h	540	1367	0.00	0.00	763	918	0.00	2	0.00	316	0	282
V/C Ratio(X)	1.06	0.60	0.00	0.00	0.80	0.14	0.00	0.00	0.00	0.43	0.00	1.01
Avail Cap(c_a), veh/h	540	1697	0.00	0.00	1052	1162	0.00	470	0.00	316	0.00	282
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	19.5	7.3	0.0	0.0	20.3	6.8	0.0	0.0	0.0	29.8	0.0	33.5
Incr Delay (d2), s/veh	54.9	0.3	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.9	0.0	55.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	13.6	5.4	0.0	0.0	9.4	1.3	0.0	0.0	0.0	2.3	0.0	9.6
Unsig. Movement Delay, s/veh		0.4	0.0	0.0	J. ⊤	1.0	0.0	0.0	0.0	2.0	0.0	5.0
LnGrp Delay(d),s/veh	74.4	7.6	0.0	0.0	23.1	6.9	0.0	0.0	0.0	30.7	0.0	89.3
LnGrp LOS	74.4 F	7.0 A	Α	Α	23.1 C	0.9 A	Α	Α	Α	30.7 C	Α	09.5 F
		1396			744			0			419	<u>'</u>
Approach Vol, veh/h					20.3			0.0				
Approach LOS		34.9						0.0			70.4	
Approach LOS		С			С						E	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		61.7		0.0	20.0	41.7		20.0				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 68		* 20	14.9	* 48		14.7				
Max Q Clear Time (g_c+l1), s		20.3		0.0	16.9	26.6		16.7				
Green Ext Time (p_c), s		21.2		0.0	0.0	8.5		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			36.5									
HCM 6th LOS			D									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection						
Int Delay, s/veh	1					
	•					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	N. A.			4	1	
Traffic Vol, veh/h	31	19	5	636	369	10
Future Vol, veh/h	31	19	5	636	369	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage	, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	34	21	5	691	401	11
NA : /NA:	4: 0					
	Minor2		Major1		/lajor2	
Conflicting Flow All	1108	407	412	0	-	0
Stage 1	407	-	-	-	-	-
Stage 2	701	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	232	644	1147	-	-	-
Stage 1	672	-	-	-	-	-
Stage 2	492	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	230	644	1147	-	_	-
Mov Cap-2 Maneuver	230	-	_	-	-	_
Stage 1	667	_	_	_	_	_
Stage 2	492	_	_	_	_	_
Olago Z	102					
Approach	EB		NB		SB	
HCM Control Dolov a	19.4		0.1		0	
HCM Control Delay, s						
HCM LOS	С					
HCM LOS	С	NIDI	NRT	ERI n1	QRT.	QRD.
HCM LOS Minor Lane/Major Mvm	С	NBL	NBT	EBLn1	SBT	SBR
Minor Lane/Major Mvm Capacity (veh/h)	С	1147	-	304	-	-
Minor Lane/Major Mvm Capacity (veh/h) HCM Lane V/C Ratio	С	1147 0.005	- -	304 0.179	-	-
Minor Lane/Major Mvm Capacity (veh/h) HCM Lane V/C Ratio HCM Control Delay (s)	С	1147 0.005 8.2	- - 0	304 0.179 19.4	- - -	- - -
Minor Lane/Major Mvm Capacity (veh/h) HCM Lane V/C Ratio	C t	1147 0.005	- -	304 0.179	-	-

	٠	→	•	•	•	•	4	†	~	-	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	1-			4	7		4		*	1-	
Traffic Volume (veh/h)	312	785	0	0	695	202	1	0	0	366	0	145
Future Volume (veh/h)	312	785	0	0	695	202	1	0	0	366	0	145
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	1847
Adj Flow Rate, veh/h	339	853	0	0	755	220	1	0	0	398	0	158
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	381	1335	0	0	843	950	4	0	0	275	0	245
Arrive On Green	0.13	0.66	0.00	0.00	0.47	0.47	0.00	0.00	0.00	0.16	0.00	0.16
Sat Flow, veh/h	1931	2027	0	0	1776	1505	1856	0	0	1759	0	1565
Grp Volume(v), veh/h	339	853	0	0	755	220	1	0	0	398	0	158
Grp Sat Flow(s), veh/h/ln	1931	2027	0	0	1776	1505	1856	0	0	1759	0	1565
Q Serve(g_s), s	9.7	23.3	0.0	0.0	36.5	5.9	0.1	0.0	0.0	14.7	0.0	8.9
Cycle Q Clear(g_c), s	9.7	23.3	0.0	0.0	36.5	5.9	0.1	0.0	0.0	14.7	0.0	8.9
Prop In Lane	1.00	20.0	0.00	0.00	00.0	1.00	1.00	0.0	0.00	1.00	0.0	1.00
Lane Grp Cap(c), veh/h	381	1335	0.00	0.00	843	950	4	0	0.00	275	0	245
V/C Ratio(X)	0.89	0.64	0.00	0.00	0.90	0.23	0.25	0.00	0.00	1.45	0.00	0.65
Avail Cap(c_a), veh/h	436	1474	0.00	0.00	914	1009	389	0.00	0.00	275	0.00	245
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	23.8	9.5	0.0	0.0	22.6	7.5	46.9	0.0	0.0	39.7	0.0	37.3
Incr Delay (d2), s/veh	18.1	0.7	0.0	0.0	10.6	0.1	28.7	0.0	0.0	221.0	0.0	5.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.7	8.2	0.0	0.0	15.9	2.6	0.1	0.0	0.0	23.0	0.0	3.7
Unsig. Movement Delay, s/veh		0.2	0.0	0.0	10.0	2.0	0.1	0.0	0.0	20.0	0.0	0.1
LnGrp Delay(d),s/veh	41.9	10.2	0.0	0.0	33.2	7.6	75.5	0.0	0.0	260.7	0.0	43.0
LnGrp LOS	41.3 D	В	Α	Α	00.2 C	7.0 A	73.5 E	Α	Α	200.7 F	Α	43.0 D
Approach Vol, veh/h	<u> </u>	1192			975		<u> </u>	1			556	
		19.2			27.4			75.5			198.9	
Approach LOS								_				
Approach LOS		В			С			E			F	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		68.6		5.5	17.3	51.3		20.0				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 68		* 20	14.9	* 48		14.7				
Max Q Clear Time (g_c+l1), s		25.3		2.1	11.7	38.5		16.7				
Green Ext Time (p_c), s		21.2		0.0	0.5	6.1		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			58.8									
HCM 6th LOS			Е									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection						
Int Delay, s/veh	0.7					
		EDD	ND	NET	OPT	000
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	A	00	00	4	1	_
Traffic Vol, veh/h	10	22	32	479	494	5
Future Vol, veh/h	10	22	32	479	494	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage	, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	24	35	521	537	5
Mailan/Minan	N 4: O		M-:4		4-:0	
	Minor2		Major1		//ajor2	
Conflicting Flow All	1131	540	542	0	-	0
Stage 1	540	-	-	-	-	-
Stage 2	591	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	225	542	1027	-	-	-
Stage 1	584	-	-	-	-	-
Stage 2	553	-	-	-	-	-
Platoon blocked, %				_	-	_
Mov Cap-1 Maneuver	214	542	1027	-	_	-
Mov Cap-2 Maneuver	214	-		_	_	_
Stage 1	556	_	_	_	_	_
Stage 2	553	_	_	_	_	_
Olage 2	555				_	
Approach	EB		NB		SB	
HCM Control Delay, s	15.9		0.5		0	
HCM LOS	С					
		N.D.	NET	-DI 4	007	000
Minor Lane/Major Mvm	Ι	NBL		EBLn1	SBT	SBR
Capacity (veh/h)		1027	-	000	-	-
HCM Lane V/C Ratio		0.034		0.095	-	-
HCM Control Delay (s)		8.6	0	15.9	-	-
HCM Lane LOS		Α	Α	С	-	-
HCM 95th %tile Q(veh)		0.1	-	0.3	-	-

2026 No-Build Conditions



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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	1-			4	T.		4		7	7	
Traffic Volume (veh/h)	573	821	0	0	633	159	0	0	0	167	0	361
Future Volume (veh/h)	573	821	0	0	633	159	0	0	0	167	0	361
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	1847
Adj Flow Rate, veh/h	623	892	0	0	688	173	0	0	0	182	0	392
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	525	1341	0	0	672	929	0	2	0	421	0	374
Arrive On Green	0.24	0.66	0.00	0.00	0.38	0.38	0.00	0.00	0.00	0.24	0.00	0.24
Sat Flow, veh/h	1931	2027	0	0	1776	1505	0	1949	0	1759	0	1565
Grp Volume(v), veh/h	623	892	0	0	688	173	0	0	0	182	0	392
Grp Sat Flow(s), veh/h/ln	1931	2027	0	0	1776	1505	0	1949	0	1759	0	1565
Q Serve(g_s), s	28.9	31.9	0.0	0.0	45.4	6.0	0.0	0.0	0.0	10.5	0.0	28.7
Cycle Q Clear(g_c), s	28.9	31.9	0.0	0.0	45.4	6.0	0.0	0.0	0.0	10.5	0.0	28.7
Prop In Lane	1.00	01.0	0.00	0.00	10.1	1.00	0.00	0.0	0.00	1.00	0.0	1.00
Lane Grp Cap(c), veh/h	525	1341	0.00	0.00	672	929	0.00	2	0.00	421	0	374
V/C Ratio(X)	1.19	0.66	0.00	0.00	1.02	0.19	0.00	0.00	0.00	0.43	0.00	1.05
Avail Cap(c_a), veh/h	525	1341	0.00	0.00	672	929	0.00	141	0.00	421	0.00	374
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	38.9	12.3	0.0	0.0	37.3	9.9	0.0	0.0	0.0	38.7	0.0	45.7
Incr Delay (d2), s/veh	102.0	2.6	0.0	0.0	40.9	0.4	0.0	0.0	0.0	0.7	0.0	59.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	29.0	13.3	0.0	0.0	26.2	3.5	0.0	0.0	0.0	4.5	0.0	17.0
Unsig. Movement Delay, s/veh		13.3	0.0	0.0	20.2	5.5	0.0	0.0	0.0	4.5	0.0	17.0
LnGrp Delay(d),s/veh	140.9	14.9	0.0	0.0	78.2	10.4	0.0	0.0	0.0	39.4	0.0	105.1
LnGrp LOS	140.9 F	14.9 B	Α	Α	70.2 F	10.4 B	Α		Α	39.4 D	Α	103.1 F
	Г		A	A		D	A	<u>A</u>	A	U		<u></u>
Approach Vol, veh/h		1515			861			0			574	
Approach Delay, s/veh		66.7			64.6			0.0			84.3	
Approach LOS		Е			Е						F	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		86.0		34.0	34.0	52.0		0.0				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 65		* 29	28.9	* 31		8.7				
Max Q Clear Time (g_c+I1), s		33.9		30.7	30.9	47.4		0.0				
Green Ext Time (p_c), s		18.7		0.0	0.0	0.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			69.5									
HCM 6th LOS			Е									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection						
Int Delay, s/veh	1.1					
		EDD	NDI	NDT	CDT	CDD
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	**	00	-	4	1	40
Traffic Vol, veh/h	32	20	5	722	511	10
Future Vol, veh/h	32	20	5	722	511	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage	, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	35	22	5	785	555	11
	Minor2		Major1		//ajor2	
Conflicting Flow All	1356	561	566	0	-	0
Stage 1	561	-	-	-	-	-
Stage 2	795	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	_	-
Follow-up Hdwy	3.518	3.318	2.218	_	-	_
Pot Cap-1 Maneuver	165	527	1006	_	_	_
Stage 1	571	-	-	_	_	_
Stage 2	445	_	_	_	_	_
Platoon blocked, %	440			_	_	_
Mov Cap-1 Maneuver	164	527	1006		_	
Mov Cap-1 Maneuver	164	JZ1 -	1000	-		_
	566		_	-		<u>-</u>
Stage 1		-	-	-	-	-
Stage 2	445	-	-	-	-	-
Approach	EB		NB		SB	
HCM Control Delay, s	26.5		0.1		0	
HCM LOS	D		0.1			
TIOW EOO						
			NIDT	EBLn1	SBT	SBR
Minor Lane/Major Mvm	nt	NBL	NDI			
Minor Lane/Major Mvm Capacity (veh/h)	nt	1006	-		-	-
	nt		-		-	-
Capacity (veh/h) HCM Lane V/C Ratio		1006	-	223		- -
Capacity (veh/h)		1006 0.005	- -	223 0.253	-	
Capacity (veh/h) HCM Lane V/C Ratio HCM Control Delay (s)		1006 0.005 8.6	- - 0	223 0.253 26.5	-	-

	٠	→	•	•	•	•	4	†	~	/	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	1			4	7		4		7	1	
Traffic Volume (veh/h)	424	865	0	0	749	242	1	0	0	412	0	208
Future Volume (veh/h)	424	865	0	0	749	242	1	0	0	412	0	208
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	1847
Adj Flow Rate, veh/h	461	940	0	0	814	263	1	0	0	448	0	226
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	493	1247	0	0	619	885	4	0	0	421	0	374
Arrive On Green	0.22	0.62	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.24	0.00	0.24
Sat Flow, veh/h	1931	2027	0	0	1776	1505	1856	0	0	1759	0	1565
Grp Volume(v), veh/h	461	940	0	0	814	263	1	0	0	448	0	226
Grp Sat Flow(s), veh/h/ln	1931	2027	0	0	1776	1505	1856	0	0	1759	0	1565
Q Serve(g_s), s	24.3	39.9	0.0	0.0	41.8	10.5	0.1	0.0	0.0	28.7	0.0	15.4
Cycle Q Clear(g_c), s	24.3	39.9	0.0	0.0	41.8	10.5	0.1	0.0	0.0	28.7	0.0	15.4
Prop In Lane	1.00	00.0	0.00	0.00	11.0	1.00	1.00	0.0	0.00	1.00	0.0	1.00
Lane Grp Cap(c), veh/h	493	1247	0.00	0.00	619	885	4	0	0.00	421	0	374
V/C Ratio(X)	0.93	0.75	0.00	0.00	1.32	0.30	0.25	0.00	0.00	1.06	0.00	0.60
Avail Cap(c_a), veh/h	525	1247	0.00	0.00	619	885	135	0.00	0.00	421	0.00	374
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	37.5	16.6	0.0	0.0	39.1	12.4	59.8	0.0	0.0	45.7	0.0	40.6
Incr Delay (d2), s/veh	23.5	4.2	0.0	0.0	153.1	0.9	28.9	0.0	0.0	62.2	0.0	2.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	16.1	17.7	0.0	0.0	43.5	6.0	0.0	0.0	0.0	19.4	0.0	6.1
Unsig. Movement Delay, s/veh		17.7	0.0	0.0	40.0	0.0	0.1	0.0	0.0	13.4	0.0	0.1
LnGrp Delay(d),s/veh	61.0	20.8	0.0	0.0	192.1	13.2	88.7	0.0	0.0	107.9	0.0	43.3
LnGrp LOS	01.0 E	20.0 C	Α	Α	192.1 F	13.2 B	66. <i>1</i>		Α	107.9 F		43.3 D
			A	A		D	Г	<u>A</u>	A	г	A	
Approach Vol, veh/h		1401			1077			1			674	
Approach Delay, s/veh		34.0			148.5			88.7			86.2	
Approach LOS		С			F			F			F	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		80.4		34.0	32.0	48.4		5.6				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 65		* 29	28.9	* 31		8.7				
Max Q Clear Time (g_c+I1), s		41.9		30.7	26.3	43.8		2.1				
Green Ext Time (p_c), s		16.2		0.0	0.6	0.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			84.3									
HCM 6th LOS			F									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection						
Int Delay, s/veh	0.7					
		EDD	NDI	NDT	CDT	CDD
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	**	00	00	4	\$	-
Traffic Vol, veh/h	10	23	33	630	603	5
Future Vol, veh/h	10	23	33	630	603	5
Conflicting Peds, #/hr	0	0	0	0	_ 0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage	e, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	25	36	685	655	5
Majar/Minar	N 4: O		Maiau1	N	AningO	
	Minor2		Major1		Major2	_
Conflicting Flow All	1415	658	660	0	-	0
Stage 1	658	-	-	-	-	-
Stage 2	757	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	151	464	928	-	-	-
Stage 1	515	-	-	-	-	-
Stage 2	463	-	_	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	141	464	928	_	_	_
Mov Cap-2 Maneuver	141	-	-	_	_	_
Stage 1	483	_	_	_	_	_
Stage 2	463	_	_	_	_	_
Olage 2	400		_	_	_	_
Approach	EB		NB		SB	
HCM Control Delay, s	20.1		0.4		0	
HCM LOS	С					
Mineral and /MA in P.4	.1	NDI	NDT	EDL 4	ODT	ODD
Minor Lane/Major Mvm	11	NBL		EBLn1	SBT	SBR
Capacity (veh/h)		928	-		-	-
HCM Lane V/C Ratio		0.039		0.131	-	-
HCM Control Delay (s)		9	0		-	-
HCM Lane LOS		Α	Α	С	-	-
HCM 95th %tile Q(veh))	0.1	-	0.4	-	-

2026 Build Conditions



should use PHF from counts

HCM 6th Signalized Intersection Summar Not default which SCDOT is Barberville Road TIS 100: Fort Mill Highway & Barberville Road 2026 Build AM Volumes to not match volumes on Figure 8 for Build (less on Synchro) **WBL WBT** Movement **EBL EBT EBR WBR NBL NBT** NBR **SBL SBT SBR** Lane Configurations 7 1 4 4 1 Traffic Volume (veh/h) 582 782 582 140 140 0 300 0 0 0 0 0 Future Volume (veh/h) 582 782 0 582 140 0 0 0 140 0 300 0 Initial Q (Qb), veh 0 0 0 0 0 0 0 0 0 0 0 1.00 1.00 1.00 1.00 Ped-Bike Adj(A_pbT) 1.00 1.00 1.00 1.00 Parking Bus, Adj 1.00 1,00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Work Zone On Approach No No No No 2027 2027 1949 Adi Sat Flow, veh/h/ln 2027 1776 1776 1776 1949 1949 1847 1847 1847 Adj Flow Rate, veh/h *8*33 850 0 0 0 0 152 0 326 0 633 152 0.92 0.92 Peak Hour Factor 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 Percent Heavy Veh, % 2 2 2 2 2 2 2 2 2 2 2 2 0 Cap, veh/h 520 1324 0 691 586 0 439 0 469 0 353 0.23 Arrive On Green 0.21 0.65 0.00 0.00 0.39 0.39 0.00 0.00 0.00 0.23 0.00 Sat Flow, veh/h 1931 2027 1776 1505 1949 0 1759 1565 0 0 0 0 Grp Volume(v), veh/h 633 850 0 0 633 152 0 0 0 0 326 152 Grp Sat Flow(s), veh/h/ln 1931 2027 0 0 1776 1505 1949 0 1759 1565 0 0 20.9 24.7 0.0 0.0 33.3 6.8 0.0 0.0 0.0 7.2 0.0 20.1 Q Serve(q s), s Cycle Q Clear(g_c), s 20.9 24.7 0.0 0.0 33.3 6.8 0.0 0.0 0.0 7.2 0.0 20.1 1.00 0.00 0.00 1.00 0.00 0.00 1.00 1.00 Prop In Lane Lane Grp Cap(c), veh/h 520 1324 0 0 691 586 0 439 0 469 0 353 V/C Ratio(X) 1.22 0.64 0.00 0.00 0.92 0.26 0.00 0.00 0.32 0.92 0.00 0.00 Avail Cap(c a), veh/h 520 1366 0 0 728 617 439 0 478 0 360 0 **HCM Platoon Ratio** 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00 0.00 1.00 0.00 0.00 0.00 1.00 0.00 1.00 Upstream Filter(I) 1.00 Uniform Delay (d), s/veh 28.5 10.2 0.0 0.0 28.6 20.5 0.0 0.0 0.0 32.4 0.0 37.4 0.9 0.0 0.0 28.7 Incr Delay (d2), s/veh 114.0 0.0 15.7 0.2 0.0 0.0 0.0 0.4 Initial Q Delay(d3),s/veh 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 %ile BackOfQ(50%),veh/ln 28.2 9.1 0.0 0.0 16.0 2.3 0.0 0.0 0.0 3.0 0.0 10.2 Unsig. Movement Delay, s/veh 0.0 0.0 44.2 LnGrp Delay(d),s/veh 142.4 11.1 20.6 0.0 0.0 0.0 32.8 0.0 66.1 LnGrp LOS В Α Α D С Α Α Α С Α Ε 1483 785 0 478 Approach Vol., veh/h 67.2 39.7 0.0 55.5 Approach Delay, s/veh Approach LOS Ε D Ε Timer - Assigned Phs 5 6 8 71.0 26.0 27.6 Phs Duration (G+Y+Rc), s 27.6 45.0 Change Period (Y+Rc), s * 6.6 * 5.4 5.1 * 6.6 5.4

Intersection Summary HCM 6th Ctrl Delay

Max Green Setting (Gmax), s

Max Q Clear Time (g_c+I1), s

Green Ext Time (p_c), s

57.3 HCM 6th LOS Ε

Notes

* 66

26.7

20.2

RKA Synchro 11 Report

* 23

22.1

0.1

20.9

22.9

0.0

* 40

35.3

3.0

8.6

0.0

0.0

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection						
Int Delay, s/veh	1					
			NE	NET	057	000
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	N.			4	1	
Traffic Vol, veh/h	32	20	5	673	405	10
Future Vol, veh/h	32	20	5	673	405	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage	, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	35	22	5	732	440	11
	Minor2		Major1		/lajor2	
Conflicting Flow All	1188	446	451	0	-	0
Stage 1	446	-	-	-	-	-
Stage 2	742	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	208	612	1109	-	-	-
Stage 1	645	-	-	-	-	-
Stage 2	471	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	206	612	1109	-	-	-
Mov Cap-2 Maneuver	206	_	-	_	-	-
Stage 1	640	_	_	_	_	_
Stage 2	471	_	_	_	_	_
Olago 2						
Approach	EB		NB		SB	
			0.4		0	
HCM Control Delay, s	21.3		0.1			
	21.3 C		0.1			
HCM Control Delay, s			0.1			
HCM Control Delay, s HCM LOS	С	NDI		EDI n1	CDT	CDD
HCM Control Delay, s HCM LOS Minor Lane/Major Mvm	С	NBL 1100		EBLn1	SBT	SBR
HCM Control Delay, s HCM LOS Minor Lane/Major Mvm Capacity (veh/h)	С	1109	NBT -	277	-	-
HCM Control Delay, s HCM LOS Minor Lane/Major Mvm Capacity (veh/h) HCM Lane V/C Ratio	C	1109 0.005	NBT - -	277 0.204	-	-
HCM Control Delay, s HCM LOS Minor Lane/Major Mvm Capacity (veh/h) HCM Lane V/C Ratio HCM Control Delay (s)	C	1109 0.005 8.3	NBT 0	277 0.204 21.3	- - -	- - -
HCM Control Delay, s HCM LOS Minor Lane/Major Mvm Capacity (veh/h) HCM Lane V/C Ratio	C nt	1109 0.005	NBT - -	277 0.204	-	-

Int Delay, s/veh	Intersection						
Lane Configurations		1.3					
Lane Configurations	Movement	EBL	EBR	NBL	NBT	SBT	SBR
Traffic Vol, veh/h 18 43 57 714 527 25 Future Vol, veh/h 18 43 57 714 527 25 Conflicting Peds, #/hr 0 0 0 0 0 0 0 Sign Control Stop Stop Free							
Future Vol, veh/h 18 43 57 714 527 25 Conflicting Peds, #/hr 0 0 0 0 0 0 0 Sign Control Stop Stop Free <							25
Conflicting Peds, #/hr Stop Stop Stop Free Fr	The second secon						
Sign Control Stop RT Channelized Stop RT Channelized Free RT Channelized Free RT Channelized None RT Channelized PO RT Channelized PO RT Channelized None RT Channelized Po RT Channelized Po RT Channelized Po RT Channelized None RT Channelized Po RT Channelized	· · · · · · · · · · · · · · · · · · ·						
RT Channelized	•						
Storage Length 50							
Veh in Median Storage, # 0 - - 0 0 - Grade, % 0 - - 0 0 - Peak Hour Factor 92 92 92 92 92 92 Heavy Vehicles, % 2 <td< td=""><td></td><td>50</td><td></td><td>150</td><td></td><td>-</td><td>-</td></td<>		50		150		-	-
Grade, % 0 - - 0 0 - Peak Hour Factor 92					0	0	_
Peak Hour Factor 92 Maior Mill Mill Mill Mill Mill Mill Mill Mil			_	_			_
Heavy Vehicles, % 2 2 2 2 2 2 2 2 2	-		92	92			92
Mynt Flow 20 47 62 776 573 27 Major/Minor Minor2 Major1 Major2 Conflicting Flow All 1487 587 600 0 - 0 Stage 1 587 -							
Major/Minor Minor2 Major1 Major2 Conflicting Flow All 1487 587 600 0 - 0 Stage 1 587 -							
Conflicting Flow All 1487 587 600 0 - 0 Stage 1 587 -	WWIIICTIOW	20	71	UL.	110	010	LI
Conflicting Flow All 1487 587 600 0 - 0 Stage 1 587 -							
Stage 1 587 -	Major/Minor	Minor2		Major1	1	Major2	
Stage 2 900 -	Conflicting Flow All	1487	587	600	0	-	0
Critical Hdwy 6.42 6.22 4.12 - - Critical Hdwy Stg 1 5.42 - - - - Critical Hdwy Stg 2 5.42 - - - - Follow-up Hdwy 3.518 3.318 2.218 - - Pot Cap-1 Maneuver 137 510 977 - - Stage 1 556 - - - - Stage 2 397 - - - - Platoon blocked, % - - - - - - Mov Cap-1 Maneuver 128 510 977 - - - Mov Cap-2 Maneuver 128 - - - - - Stage 1 521 - - - - - - Stage 2 397 - - - - - - Approach EB NB NB NB <td>Stage 1</td> <td>587</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	Stage 1	587	-	-	-	-	-
Critical Hdwy Stg 1 5.42 -	Stage 2	900	-	-	-	-	-
Critical Hdwy Stg 2 5.42 -	Critical Hdwy	6.42	6.22	4.12	-	-	-
Follow-up Hdwy 3.518 3.318 2.218	Critical Hdwy Stg 1	5.42	-	-	-	-	-
Pot Cap-1 Maneuver 137 510 977 - <td>Critical Hdwy Stg 2</td> <td>5.42</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	Critical Hdwy Stg 2	5.42	-	-	-	-	-
Pot Cap-1 Maneuver 137 510 977 - <td>Follow-up Hdwy</td> <td>3.518</td> <td>3.318</td> <td>2.218</td> <td>-</td> <td>-</td> <td>-</td>	Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Stage 1 556 -		137	510	977	-	-	_
Stage 2 397 -	•	556	-	-	-	-	-
Platoon blocked, %			-	-	-	-	-
Mov Cap-1 Maneuver 128 510 977 - <td>ŭ .</td> <td></td> <td></td> <td></td> <td>_</td> <td>-</td> <td>_</td>	ŭ .				_	-	_
Mov Cap-2 Maneuver 128 -	· · · · · · · · · · · · · · · · · · ·	128	510	977	_		_
Stage 1 521 -					_	_	_
Stage 2 397 -			_		_	_	_
Approach EB NB SB HCM Control Delay, s 20.3 0.7 0 HCM LOS C Minor Lane/Major Mvmt NBL NBT EBLn1 EBLn2 SBT Capacity (veh/h) 977 - 128 510 - HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -	•				_	_	_
HCM Control Delay, s 20.3 0.7 0	Stage 2	331				_	
HCM Control Delay, s 20.3 0.7 0							
Minor Lane/Major Mvmt NBL NBT EBLn1 EBLn2 SBT Capacity (veh/h) 977 - 128 510 - HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -	Approach	EB		NB		SB	
Minor Lane/Major Mvmt NBL NBT EBLn1 EBLn2 SBT Capacity (veh/h) 977 - 128 510 - HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -		20.3		0.7		0	
Capacity (veh/h) 977 - 128 510 - HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -	HCM LOS	С					
Capacity (veh/h) 977 - 128 510 - HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -							
Capacity (veh/h) 977 - 128 510 - HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -	Minor Lanc/Major Mus	nt .	NDI	NDT	EDI 51 I	EDI 52	CDT
HCM Lane V/C Ratio 0.063 - 0.153 0.092 - HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -		ι					
HCM Control Delay (s) 8.9 - 38.1 12.8 - HCM Lane LOS A - E B -							
HCM Lane LOS A - E B -							
		\					
HCM 95th %tile Q(ven) 0.2 - 0.5 0.3 -	HCM 95th %tile Q(veh)	0.2	-	0.5	0.3	-

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations	*	1			4	7		4		7	1	
Traffic Volume (veh/h)	477	865	0	0	749	262	1	0	0	435	0	26
Future Volume (veh/h)	477	865	0	0	749	262	1	0	0	435	0	26
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.0
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.0
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	184
Adj Flow Rate, veh/h	518	940	0	0	814	285	1	0	0	473	0	289
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	525	1247	0	0	590	860	4	0	0	421	0	374
Arrive On Green	0.24	0.62	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.24	0.00	0.24
Sat Flow, veh/h	1931	2027	0	0	1776	1505	1856	0	0	1759	0	1565
Grp Volume(v), veh/h	518	940	0	0	814	285	1	0	0	473	0	289
Grp Sat Flow(s),veh/h/ln	1931	2027	0	0	1776	1505	1856	0	0	1759	0	1565
Q Serve(g_s), s	28.3	39.9	0.0	0.0	39.8	12.0	0.1	0.0	0.0	28.7	0.0	20.7
Cycle Q Clear(g_c), s	28.3	39.9	0.0	0.0	39.8	12.0	0.1	0.0	0.0	28.7	0.0	20.7
Prop In Lane	1.00		0.00	0.00		1.00	1.00		0.00	1.00		1.00
Lane Grp Cap(c), veh/h	525	1247	0	0	590	860	4	0	0	421	0	374
V/C Ratio(X)	0.99	0.75	0.00	0.00	1.38	0.33	0.25	0.00	0.00	1.12	0.00	0.77
Avail Cap(c_a), veh/h	525	1247	0	0	590	860	135	0	0	421	0	374
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	38.0	16.6	0.0	0.0	40.1	13.6	59.8	0.0	0.0	45.7	0.0	42.6
Incr Delay (d2), s/veh	35.7	4.2	0.0	0.0	181.7	1.0	28.9	0.0	0.0	82.3	0.0	9.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	19.9	17.7	0.0	0.0	46.2	6.8	0.1	0.0	0.0	21.8	0.0	8.8
Unsig. Movement Delay, s/veh	1											
LnGrp Delay(d),s/veh	73.7	20.8	0.0	0.0	221.7	14.6	88.7	0.0	0.0	127.9	0.0	52.2
LnGrp LOS	Е	С	Α	Α	F I	В	F	Α	Α	F	Α	
Approach Vol, veh/h		1458			1099			1			762	
Approach Delay, s/veh		39.6			168.0			88.7			99.2	
Approach LOS		D			F			F			F	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		80.4		34.0	34.0	46.4		5.6				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 65		* 29	28.9	* 31		8.7				
Max Q Clear Time (g c+l1), s		41.9		30.7	30.3	41.8		2.1				
Green Ext Time (p_c), s		16.2		0.0	0.0	0.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			95.8									
HCM 6th LOS			F									
Notes												
* HCM 6th computational engi	ne requir	es equal a	clearance	times fo	r the phase	oe croesi	na the ha	rrior				

Bad delay for WB

Intersection						
Int Delay, s/veh	0.7					
		EDD	NDI	NDT	CDT	CDD
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	**	00	20	4	1	-
Traffic Vol, veh/h	10	23	33	665	635	5
Future Vol, veh/h	10	23	33	665	635	5
Conflicting Peds, #/hr	0	0	_ 0	_ 0	_ 0	_ 0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-		-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage		-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	25	36	723	690	5
Major/Minor	Minor2		Major1	N	/lajor2	
Conflicting Flow All	1488	693	695	0	-	0
Stage 1	693	-	-	-	_	-
Stage 2	795	_	_	_	_	_
Critical Hdwy	6.42	6.22	4.12		_	
Critical Hdwy Stg 1	5.42	0.22	4.12	-	_	_
	5.42		_	-		-
Critical Hdwy Stg 2		2 210	2 240	-	-	-
Follow-up Hdwy	3.518	3.318 443	2.218	-	-	-
Pot Cap-1 Maneuver	137		901	-	-	-
Stage 1	496	-	-	-	-	-
Stage 2	445	-	-	-	-	-
Platoon blocked, %	400	4.40	004		-	
Mov Cap-1 Maneuver	128	443	901	-	-	-
Mov Cap-2 Maneuver	128	-	-	-	-	-
Stage 1	463	-	-	-	-	-
Stage 2	445	-	-	-	-	-
Approach	EB		NB		SB	
HCM Control Delay, s	21.5		0.4		0	
HCM LOS	Z 1.5		0.4		U	
TIOWI LOS	U					
Minor Lane/Major Mvm	nt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)		901	-	254	-	-
HCM Lane V/C Ratio		0.04	-	0.141	-	-
HCM Control Delay (s)		9.2	0	21.5	-	-
HCM Lane LOS		Α	Α	С	-	-
HCM 95th %tile Q(veh))	0.1	-	0.5	-	-

Intersection						
Int Delay, s/veh	2.5					
		EDD	NDI	NDT	CDT	CDD
Movement Configurations	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	ኝ	7	72	663	625	20
Traffic Vol, veh/h	35	81	73	663	625	32
Future Vol, veh/h	35	81	73	663	625	32
Conflicting Peds, #/hr	0	0	_ 0	_ 0	0	_ 0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	50	0	150	-	-	-
Veh in Median Storage		-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	38	88	79	721	679	35
Major/Minor	Minor2		Major1	N	/lajor2	
Conflicting Flow All	1576	697	714	0	- -	0
Stage 1	697	-	- 1	-	_	-
Stage 2	879	_	_		_	_
Critical Hdwy	6.42	6.22	4.12			
Critical Hdwy Stg 1	5.42	0.22	4.12	-	-	-
	5.42		_	-		-
Critical Hdwy Stg 2		-	0.040	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	121	441	886	-	-	-
Stage 1	494	-		-	-	-
Stage 2	406	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	110	441	886	-	-	-
Mov Cap-2 Maneuver	110	-	-	-	-	-
Stage 1	450	-	-	-	-	-
Stage 2	406	-	-	-	-	-
Approach	EB		NB		SB	
HCM Control Delay, s	26.9		0.9		0	
HCM LOS	20.9 D		0.9		U	
HCIVI LOS	U					
Minor Lane/Major Mvm	nt	NBL	NBT	EBLn1 E	BL _{n2}	SBT
Capacity (veh/h)		886	-	110	441	-
HCM Lane V/C Ratio		0.09	-	0.346	0.2	-
HCM Control Delay (s)		9.5	-	54.1	15.2	-
HCM Lane LOS		Α	-	F	С	-
HCM 95th %tile Q(veh))	0.3	-	1.4	0.7	-
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	,					

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	17			41	T.		4		*	1	
Traffic Volume (veh/h)	614	821	0	0	633	175	0	0	0	179	0	392
Future Volume (veh/h)	614	821	0	0	633	175	0	0	0	179	0	392
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	1847
Adj Flow Rate, veh/h	667	892	0	0	688	190	0	0	0	195	0	426
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	654	2452	0	0	1192	929	0	2	0	465	0	413
Arrive On Green	0.24	0.64	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.26	0.00	0.26
Sat Flow, veh/h	1931	3953	0	0	3463	1505	0	1949	0	1759	0	1565
Grp Volume(v), veh/h	667	892	0	0	688	190	0	0	0	195	0	426
Grp Sat Flow(s), veh/h/ln	1931	1926	0	0	1687	1505	0	1949	0	1759	0	1565
Q Serve(g_s), s	28.9	13.1	0.0	0.0	19.9	6.6	0.0	0.0	0.0	11.0	0.0	31.7
Cycle Q Clear(g_c), s	28.9	13.1	0.0	0.0	19.9	6.6	0.0	0.0	0.0	11.0	0.0	31.7
Prop In Lane	1.00	10.1	0.00	0.00	10.0	1.00	0.00	0.0	0.00	1.00	0.0	1.00
Lane Grp Cap(c), veh/h	654	2452	0.00	0.00	1192	929	0.00	2	0.00	465	0	413
V/C Ratio(X)	1.02	0.36	0.00	0.00	0.58	0.20	0.00	0.00	0.00	0.42	0.00	1.03
Avail Cap(c_a), veh/h	654	2452	0.00	0.00	1192	929	0.00	141	0.00	465	0.00	413
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00
,	25.7	10.3	0.00	0.00	31.5	10.0	0.00	0.00	0.00	36.5	0.00	44.2
Uniform Delay (d), s/veh	40.5	0.4	0.0		2.0		0.0	0.0		0.6		
Incr Delay (d2), s/veh				0.0		0.5			0.0		0.0	52.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	16.6	5.1	0.0	0.0	8.1	4.0	0.0	0.0	0.0	4.7	0.0	17.9
Unsig. Movement Delay, s/veh		40.7	0.0	0.0	20.0	40.5	0.0	0.0	0.0	07.4	0.0	00.4
LnGrp Delay(d),s/veh	66.2	10.7	0.0	0.0	33.6	10.5	0.0	0.0	0.0	37.1	0.0	96.4
LnGrp LOS	F	В	Α	A	С	В	Α	Α	Α	D	Α	F
Approach Vol, veh/h		1559			878			0			621	
Approach Delay, s/veh		34.5			28.6			0.0			77.8	
Approach LOS		С			С						Е	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		83.0		37.0	34.0	49.0		0.0				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 62		* 32	28.9	* 28		8.7				
Max Q Clear Time (g_c+I1), s		15.1		33.7	30.9	21.9		0.0				
Green Ext Time (p_c), s		20.1		0.0	0.0	3.8		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			41.6									
HCM 6th LOS			D									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	17			41	7		4		7	13	
Traffic Volume (veh/h)	477	865	0	0	749	262	1	0	0	435	0	266
Future Volume (veh/h)	477	865	0	0	749	262	1	0	0	435	0	266
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	2027	2027	2027	1776	1776	1776	1949	1949	1949	1847	1847	1847
Adj Flow Rate, veh/h	518	940	0	0	814	285	1	0	0	473	0	289
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	551	2274	0	0	1098	887	4	0	0	465	0	413
Arrive On Green	0.22	0.59	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.26	0.00	0.26
Sat Flow, veh/h	1931	3953	0	0	3463	1505	1856	0	0	1759	0	1565
Grp Volume(v), veh/h	518	940	0	0	814	285	1	0	0	473	0	289
Grp Sat Flow(s), veh/h/ln	1931	1926	0	0	1687	1505	1856	0	0	1759	0	1565
Q Serve(g_s), s	23.9	15.9	0.0	0.0	25.7	11.5	0.1	0.0	0.0	31.7	0.0	20.0
Cycle Q Clear(g_c), s	23.9	15.9	0.0	0.0	25.7	11.5	0.1	0.0	0.0	31.7	0.0	20.0
Prop In Lane	1.00	13.3	0.00	0.00	25.1	1.00	1.00	0.0	0.00	1.00	0.0	1.00
Lane Grp Cap(c), veh/h	551	2274	0.00	0.00	1098	887	4	0	0.00	465	0	413
V/C Ratio(X)	0.94	0.41	0.00	0.00	0.74	0.32	0.25	0.00	0.00	1.02	0.00	0.70
Avail Cap(c_a), veh/h	587	2274	0.00	0.00	1098	887	135	0.00	0.00	465	0.00	413
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00
	29.7	13.3	0.00	0.00	36.0	12.5	59.8	0.00	0.00	44.2	0.00	39.8
Uniform Delay (d), s/veh	22.7		0.0		4.5	1.0	28.9	0.0		46.4		
Incr Delay (d2), s/veh	0.0	0.6		0.0					0.0		0.0	5.1
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	17.8	6.5	0.0	0.0	10.8	6.9	0.1	0.0	0.0	19.3	0.0	8.1
Unsig. Movement Delay, s/veh		40.0	0.0	0.0	40.5	40.4	00.7	0.0	0.0	00.5	0.0	45.0
LnGrp Delay(d),s/veh	52.3	13.9	0.0	0.0	40.5	13.4	88.7	0.0	0.0	90.5	0.0	45.0
LnGrp LOS	D	В	A	A	D	В	F	Α	A	F	A	<u>D</u>
Approach Vol, veh/h		1458			1099			1			762	
Approach Delay, s/veh		27.5			33.5			88.7			73.3	
Approach LOS		С			С			F			Е	
Timer - Assigned Phs		2		4	5	6		8				
Phs Duration (G+Y+Rc), s		77.4		37.0	31.8	45.6		5.6				
Change Period (Y+Rc), s		* 6.6		* 5.3	5.1	* 6.6		5.3				
Max Green Setting (Gmax), s		* 62		* 32	28.9	* 28		8.7				
Max Q Clear Time (g_c+l1), s		17.9		33.7	25.9	27.7		2.1				
Green Ext Time (p_c), s		21.0		0.0	8.0	0.5		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			40.0									
HCM 6th LOS			70.0 D									
Notes			-									

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Agenda Item Summary

Ordinance # / Resolution #: NRN-2024-1210 Griffin Cove

Contact Person / Sponsor: J. Bryan

Department: Planning

Date Requested to be on Agenda: 7/16/2024

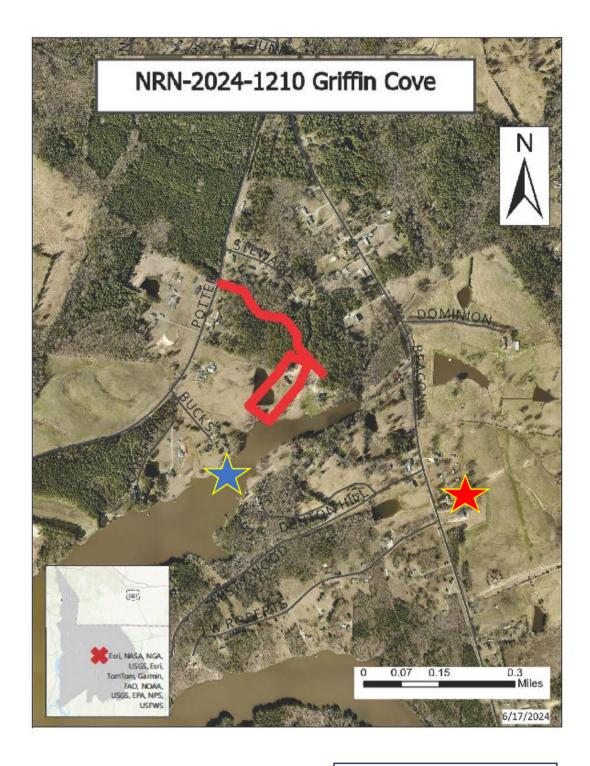
Issue for Consideration:

Points to Consider:

Recommendation:

ATTACHMENTS:

Description	Upload Date	Type
Location Map	7/5/2024	Exhibit
Staff Report	7/5/2024	Exhibit
Application	7/5/2024	Exhibit
Deed	7/5/2024	Exhibit
Plat	7/5/2024	Exhibit







Naming Private Drive



Pilgrim Baptist Church



Bear Creek Reservoir



PROPOSAL: Request to name private driveway Griffin Cove

PROPERTY LOCATION: Off South Potter Road between 1385 and 1363

(TM#s 0089-00-006.00 & 0089A-0A-013.00)

APPLICANT: Griggs Griffin

COUNCIL DISTRICT: District 5, Steve Harper

STATUTORY NOTICES: Posted sign not required

Meeting notice published 6/29/2024 in The Lancaster News

Meeting Notices mailed 6/21/2024

Location change notice mailed 6/27/2024

Posted agenda in lobby 7/9/2024

OVERVIEW:

Project Summary & Proposal

Griggs Griffin owns property on a private driveway off South Potter Road (TM# 0089-00-098.07, created by minor subdivision plat book 2024 page 99 and deed book 1754 page 98). In order to secure a building permit for the lot, the shared private driveway that accesses the lot must be named, per UDO 6.11.4.G

The applicants secured approval of their request from other landowners whose property adjoins and may access this driveway (See attached petition).

Staff has reviewed the requested name against County records and has noted the first choice, **Griffin Cove**, is sufficiently different from existing names to avoid confusion. Mailed notices were sent to adjacent properties to observe due diligence, although these were not required by statute. No calls or written comments have been received in opposition to the name.



ANALYSIS & FINDINGS:

6.11.4 PROCEDURE FOR NAMING A NEW ROAD

- A. Any person, firm, corporation, developer or right-of-way owner shall submit an application obtained from the Planning Department when requesting to name a new road. Such request shall include any descriptive/locational information required by the Planning Department; designate a spokesperson by name, address, and telephone number; provide first and second road name choices; and be accompanied by a petition, signed by 75 percent of the property owners with parcels having frontage on the affected road.
- **B.** If the request is consistent with standards included the section entitled "Road Name Standards," above, the Planning Department shall approve said request giving written notice of that action within 60 days of the date of such request. Per state code, Planning Commission must approve road names. Other than review standards, Sec. B, C, D are void.
- **C.** If the request is denied by the Planning Department, written notice including reasons for that action shall be provided within 60 days of the date of such request.
- **D.** Decisions of the Planning Department, whether affirmative or negative, shall be final subject to written appeal to Lancaster County Planning Commission filed with the clerk to the commission within 15 calendar days of the notice date of the Planning Department's decision. Such appeal shall set out the specific grounds upon which the Planning Department's decision is questioned. The fifteen-day appeal period shall commence on the date of the Planning Department's written notice of decision, which shall be sent to the person signing the affected road name request.
- **E.** A person laying out a street is guilty of a misdemeanor if he shows an unapproved street name on a plat, street marker or deed. If convicted, the court decides the punishment.
- **F.** Naming a previously unnamed road or driveway does not change the maintenance responsibility; if it was privately maintained prior to its naming, it will remain privately maintained.
- **G.** Any road or driveway, whether publicly or privately maintained, that serves as the sole access for three (3) or more permanent residential or business structures must be named. (Ord. No. 2017-1485, 1.8.18)

STAFF RECOMMENDATION:

Staff recommends Approval of the request.

ATTACHMENTS:

- 1. Location Map
- 2. Road Name Change Application
- 3. Deed
- 4. Plat

STAFF CONTACT:

Jennifer Bryan, Planning Technician jbryan@lancastersc.net

Sandra Burton, 911 Addressing sburton@lanc911.com | 803-416-9325

Lancaster County

PLANNING COMMISSION PO BOX 1809 Lancaster, SC 29721

Phone: (803) 285-6005 Fax: (803) 285-6007

**** NEW ROAD NAME/CHANGE APPLICATION****

<u>Please note:</u> A fee of \$250.00 must be submitted with this application before it will be processed. Incomplete applications will be returned. The \$250.00 fee includes the cost of one road sign. New roads requiring more than one sign will require the \$250.00 fee plus \$50.00 for each additional sign.

Please provide the following applicant information as completely and accurately as possible.
Date of Application: 6/10 2021 Hilton Way Rd. Lange
Name: Griggs Griffin Address: 0089-00-098.07
City, State, Zip Code: Lamaster, SC, 29720
Telephone (H):
Location of new road: Manning Existing Ont Rd. 1379 S patter is currently on this Rd.
Road name as it exists now (if applicable):
Proposed new road name (1st choice):
Proposed new road name (2 nd choice):
Will this be a private road? Yes NO
If applicable, do you plan on deeding this new road to the county in the future? YesNO
Please attach the following items to this application:
*A map to approximate scale depicting the location of the new road. *A petition signed by at least 75% of the property owners with parcels having frontage on the affected road. Signature of Applicant:



PETITION FOR ROAD NAME CHANGE

Date: 6/10	
I, Griggs Griffin, hereby request to rename the follow	owing road, Na Rd, Near Steward Ad,
The proposed new road name is <u>Griffix Cove</u> Dr. (75%) of signatures representing the landowners having frontage on the	Please find below the required percentane road to be named.
Sincerely,	£
Signature of Property Owner Tax Map Number or Existing A 1) 0089-00-0	ddress Phone Number 98.01 803-326-7435
20089-00-0	98,06 803-320-070, er Rd. 203-320-1600
3) 1/196 Sutur 1451 5 Pott	E1 Rd. 203-520-1600
5)	
6)	e
7)	
9)	
11)	
11)	

LANCASTER COUNTY GIS Tax Map: 0089 00 098 07

RECORDED THIS 14th DAY OF MAY, 2024 IN BOOK 00 PAGE 00

Sugato C Muppy

Auditor, Lancaster County, SC

LANCASTER COUNTY, SC
2024005047 DEED
RECORDING FEES \$15.00
EXEMPT
PRESENTED & RECORDED
05-02-2024 11:43:33 AM
BRITTANY GRANT
REGISTER OF DEEDS
LANCASTER, COUNTY SC
BY: DAVID HUGHES
BK:DEED 1784 PG:58-60

PREPARED BY TRIMNAL & MYERS, I	LLC	
STATE OF SOUTH CAROLINA)	
)	TITLE TO REAL ESTATE
COUNTY OF LANCASTER)	*TITLE NOT EXAMINED*

KNOW ALL MEN BY THESE PRESENTS, THAT Michael K. Sistare and Kathy G. Sistare, (hereinafter called "Grantor") in the State aforesaid, for and in consideration of the sum of Five and 00/100 (\$ 5.00) Dollars, Love and Affection, paid by Griggs Griffin, (hereinafter called "Grantee/s") in the State aforesaid (the receipt whereof is hereby acknowledged), have granted, bargained, sold and released, and by these Presents (do(es) grant, bargain, sell and release, unto the said:

Griggs Griffin, his Heirs and/or Assigns Forever:

All that certain piece, parcel or lot of land lying located off of S. Potter Road in Lancaster County, South Carolina containing 2.678 acres more or less and being designated and shown on plat entitled "Minor Subdivision Survey at the Request of Michael K. Sistare" recorded in Plat Book 2024, Page 99, in the Office of the Register of Deeds for Lancaster County, South Carolina, which plat is by reference incorporated herein as part of this description.

Subject to and together with a New 30' Easement for Egress, Ingress, and all Utilities as shown on "Minor Subdivision Survey at the Request of Michael K. Sistare" recorded in Plat Book 2024, Page 99.

Also subject to and together with a 25' R/W for Ingress and Egress as shown on "Plat of Property of Tracey S. & Jamie S. Griffin" recorded in Plat Book 2007, Page 94.

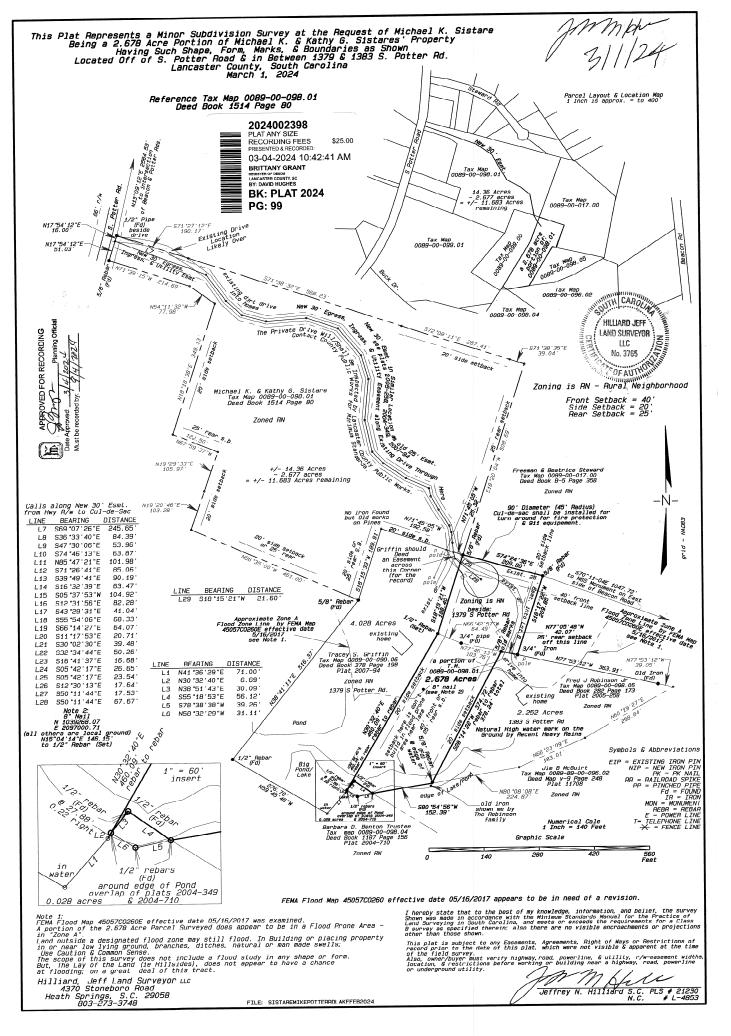
Being a portion of the same property conveyed to Michael K. Sistare and Kathy G. Sistare by Deed recorded February 01, 2022 in Deed Book 1514 at Page 80 in the Office of the Register of Deeds for Lancaster County, South Carolina.

TMS# p/o 0089-00-098.01

0001 1111 111 Pol 10 10 80 0
Grantee's Address: 2021 Hilton Way Rd Cancaster SC 2
This conveyance is made subject to all existing easements, restrictions, rights of way and/or encroachments.
TOGETHER will all and singular the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.
TO HAVE AND TO HOLD, all and singular the said premises before mentioned unto the said GRANTEE/S , his Heirs and/or Assigns forever.
AND the said GRANTOR does hereby bind himself and his heirs and/or assigns to warrant and forever defend all and singular the said premises unto the said GRANTEE, his Heirs and/or Assigns, against himself and his Heirs and/or Assigns and against every person whomsoever lawfully claiming or to claim the same, or any part thereof.
WITNESS our Hand(s) and Seal(s) this day of, in the year of our Lord 2024.
SIGNED, SEALED AND DELIVERED IN THE PRESENCE OF: Witness #1 Michael K. Sistare Witness #2 Kathy G. Sistare
STATE OF SOUTH CAROLINA) ACKNOWLEDGEMENT COUNTY OF LANCASTER) I,
do hereby certify that GRANTOR/S personally appeared before me this day and acknowledged the due execution of the foregoing deed.
Sworn before me this 12 day of 10 11, 2024. Out to the State of 50 12 12 12 12 12 12 12 12 12 12 12 12 12

My Commission Expires: 3/30/31

STATE OF SOUTH CAROLINA) COUNTY OF Lancaster			
PERSONALLY appeared before me the undersigned, who being duly sworn, deposes and says:			
1. I have read the information on the back of this affidavit and I understand such information.			
2. The property being transferred is located at S. Potter Road bearing Lancaster County Tax Map Number p/o 0089-00-098.01 was transferred from Michael K. Sistare and Kathy G. Sistare to Griggs Griffin, on			
3. The deed is exempt from the deed recording fee because (See information section of affidavit): transferring realty in which the value of the realty, as defined in Code Section 12-24-30, is equal to or less than one hundred dollars; as defined in Code Section 12-24-30, - see exemption #1 (Code Section 12-24-40(1))			
4. As required by Code Section 12-24-70, I state that I am a responsible person who was connected with the transaction as: <u>Grantor</u> .			
5. I understand that a person required to furnish this affidavit who willfully furnishes a false or fraudulent affidavit is guilty of a misdemeanor and, upon conviction, must be fined not more than one thousand dollars or imprisoned not more than one year, or both.			
M. Leel L. Scelet			
SWORN to before me this 12 day of 10n 1 2024 Notary Public for My Commission Expires: 3 30 31			



Agenda Item Summary

Ordinance # / Resolution #: NRN-2024-1251 Hailes Valley Way Contact Person / Sponsor: J. Bryan

Department: Planning

Date Requested to be on Agenda: 7/16/2024

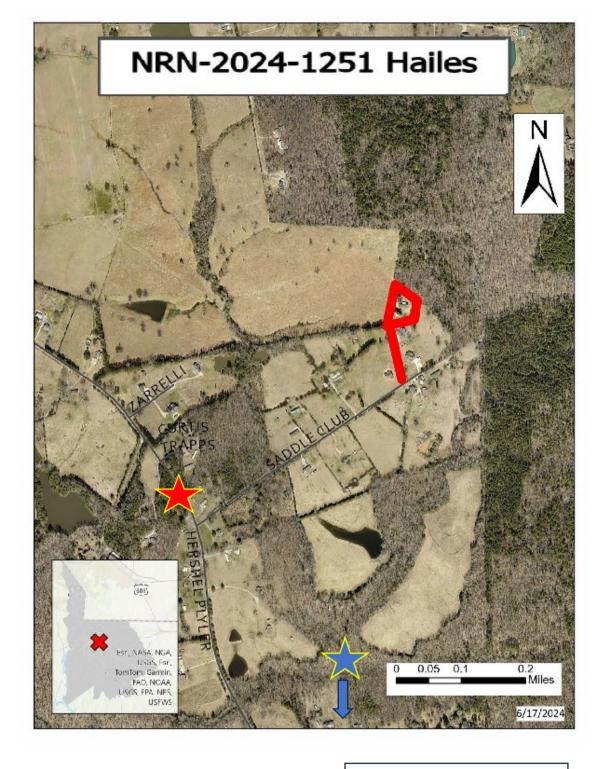
Issue for Consideration:

Points to Consider:

Recommendation:

ATTACHMENTS:

Description	Upload Date	Type
Location Map	7/5/2024	Exhibit
Staff Report	7/5/2024	Exhibit
Application	7/5/2024	Exhibit
Deed	7/5/2024	Exhibit
Plat 2014-230	7/5/2024	Exhibit





Proposal: Naming Private Drive



Hershel Plyler Road



To Pageland Highway



PROPOSAL: Request to name private driveway Hailes Valley Way

PROPERTY LOCATION: Off Saddle Club Road between 1761 & 1777 Saddle Club Road

(TM#s 0059-00-048.12 and 0059-00-48.08)

APPLICANT: Matthew Shannon

COUNCIL DISTRICT: District 3, Billy Mosteller

STATUTORY NOTICES: Posted sign not required

Meeting notice published 6/29/2024 in The Lancaster News

Meeting Notices mailed 6/21/2024 Location change notice mailed 6/27/2024

Posted agenda in lobby 7/09/2024

OVERVIEW:

Project Summary & Proposal

Matthew Shannon owns a parcel located off Saddle Club Road (TM #0059-00-048.04). In order to secure a building permit for the lot, the shared private driveway that accesses the lot must be named, per UDO 6.11.4.G

The applicants secured approval of their request from other landowners whose property adjoins and may access this driveway (See attached petition).

Staff has reviewed the requested name against County records and has noted the first choice, **Hailes Valley Way**, is sufficiently different from existing names to avoid confusion. Mailed notices were sent to adjacent properties to observe due diligence, although these were not required by statute. No calls or written comments have been received in opposition to the name.



ANALYSIS & FINDINGS:

6.11.4 PROCEDURE FOR NAMING A NEW ROAD

- A. Any person, firm, corporation, developer or right-of-way owner shall submit an application obtained from the Planning Department when requesting to name a new road. Such request shall include any descriptive/locational information required by the Planning Department; designate a spokesperson by name, address, and telephone number; provide first and second road name choices; and be accompanied by a petition, signed by 75 percent of the property owners with parcels having frontage on the affected road.
- **B.** If the request is consistent with standards included the section entitled "Road Name Standards," above, the Planning Department shall approve said request giving written notice of that action within 60 days of the date of such request. Per state code, Planning Commission must approve road names. Other than review standards, Sec. B, C, D are void.
- **C.** If the request is denied by the Planning Department, written notice including reasons for that action shall be provided within 60 days of the date of such request.
- Decisions of the Planning Department, whether affirmative or negative, shall be final subject to written appeal to Lancaster County Planning Commission filed with the clerk to the commission within 15 calendar days of the notice date of the Planning Department's decision. Such appeal shall set out the specific grounds upon which the Planning Department's decision is questioned. The fifteen-day appeal period shall commence on the date of the Planning Department's written notice of decision, which shall be sent to the person signing the affected road name request.
- **E.** A person laying out a street is guilty of a misdemeanor if he shows an unapproved street name on a plat, street marker or deed. If convicted, the court decides the punishment.
- **F.** Naming a previously unnamed road or driveway does not change the maintenance responsibility; if it was privately maintained prior to its naming, it will remain privately maintained.
- **G.** Any road or driveway, whether publicly or privately maintained, that serves as the sole access for three (3) or more permanent residential or business structures must be named. (Ord. No. 2017-1485, 1.8.18)

STAFF RECOMMENDATION:

Staff recommends Approval of the request.

ATTACHMENTS:

- 1. Location Map
- 2. Road Name Change Application
- 3. Deed
- 4. Plat

STAFF CONTACT:

Jennifer Bryan, Planning Technician jbryan@lancastersc.net | 803-416-9433

Sandra Burton, 911 Addressing sburton@lanc911.com | 803-416-9325

LANCASTER COUNTY PLANNING COMMISSION PO BOX 1809

Lancaster, SC 29721 Phone: (803) 285-6005 Fax: (803) 285-6007

****<u>NEW ROAD NAME</u> CHANGE APPLICATION****

<u>Please note:</u> A fee of \$250.00 must be submitted with this application before it will be processed. Incomplete applications will be returned. The \$250.00 fee includes the cost of one road sign. New roads requiring more than one sign will require the \$250.00 fee plus \$50.00 for each additional sign.

Please provide the following applicant information as completely and accurately as possible.
Date of Application: 6/14/2024 Date of Application: 6/14/2024 3dsy
Name: Matthew Shanner Address: # 1152 Cedar Pines Lake Rd.
City, State, Zip Code: Lancaster SC 29720
Telephone (H):Telephone (W) or (Cell): 803 - 554-3643
Please provide the following <u>new road name</u> information as completely and accurately as possible.
Location of new road: OFF of State Coul. Saddle Club Road.
Road name as it exists now (if applicable):
Proposed new road name (1st choice): Hoiles Valley Way
Proposed new road name (2 nd choice):
Will this be a private road? Yes NO
If applicable, do you plan on deeding this new road to the county in the future? YesNO
Please attach the following items to this application:
*A map to approximate scale depicting the location of the new road. *A petition signed by at least 75% of the property owners with parcels having frontage on the affected road.
Signature of Applicant: //nf/low Svolunce

PETITION FOR ROAD NAME CHANGE

Date: 6/14/2024	
I, Matthew Shappon, hereby request to rename the following room the subject road is located off of Saddle Clab Road.	ad, Hailes Valley Way
The proposed new road name is <u>Haves Valley Way</u> . Prequired percentage (75%) of signatures representing the landowners having finamed. Sincerely,	
Signature of Property Owner Tax Map Number or Existing Address 1) <u>Journa Shaxuan</u> 0059-00-048.04	Phone Number 803 - 285 - 3300 Home
2) 20059-00-048.08	803-577 -1977 Cell
3) Carolyn Haila059-00-048.01	803-285-3300 Home
4) Melesia Haile 0059-00-048.03	803-320-7349 Cell
5)	
6)	
7)	
8)	
9)	
10)	
11)	
12)	·
13)	
14)	
15)	

^{***}All signatures will be verified****





DEED DRAWN BY:
RYAN S. JONES
ATTORNEY AT LAW
TITLE NOT EXAMINED

LANCASTER COUNTY ASSESSOR Tax Map: 0059 00 048 04 RECORDED THIS 21st DAY

OF JUNE, 2024 IN BOOK 00 PAGE 00

graphe C. Mugal

2024007338 DEED
RECORDING FEES \$15.00
STATE TAX \$0.00
COUNTY TAX \$0.00
PRESENTED & RECORDED
06-20-2024 02:31:34 PM
BRITTANY GRANT
REGISTER OF DEEDS
LANCASTER, COUNTY SC
BY: TERRY PARKMAN

BK:DEED 1803 PG:139-141

LANCASTER COUNTY, SC

Auditor, Lancaster County, SC

STATE OF SOUTH CAROLINA)	
)	TITLE TO REAL ESTATE
COUNTY OF LANCASTER)	

KNOW ALL MEN BY THESE PRESENTS, that, **Donna Shannon**, ("Grantor"), in the State aforesaid, for and in consideration of the sum of Five and no/100ths (\$5.00) Dollars, Love and Affection, to the Grantor in hand paid at and before the sealing and delivery of these Presents, by the Grantee hereinafter named (the receipt whereof is hereby acknowledged), has granted, bargained, sold and released, and by these Presents does grant, bargain, sell and release the following described property, subject to the easements, restrictions, reservations and conditions set forth below, unto **Matthew D. Shannon**, ("Grantee"), and Grantee's heirs, successors and assigns:

All that certain piece, parcel or lot of land, together with any and all improvements located thereon, lying, being and situate in Camp Creek Community, Lancaster County, South Carolina, approximately 5 1/2 miles east of Lancaster, containing 1.00 acre, more or less, being more particularly shown, described and designated as Lot 2 on Plat of Survey entitled 'Plat of Survey for Lennie Terry' prepared by Phillip G. Smith, RLS, dated April 24, 2014 and recorded in the Office of the Register of Deeds for Lancaster County as Plat No. 2014-230, reference to said plat is craved for a more minute description.

Being the identical property conveyed to Donna Shannon by Deed of Lennie Lee Terry and Mary Lee M. Terry dated May 30, 2014 and recorded June 3, 2014 in Deed Book 799 Page 206, in the Office of the Register of Deeds for Lancaster County, South Carolina.

The within described property is conveyed subject to existing easements and rights of way, whether of record or not, and to restrictions, if any, appearing in the chain of title which said restrictions, if any, are not intended to be reimposed hereby.

Tap Map Number: 0059-00-048.04 Grantee's Address: 1152 Cedar Pines Lake Road Lancaster, SC 29720 **TOGETHER** with all and singular, the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD, all and singular, the said premises before mentioned, unto the said Grantee and Grantee's Heirs, Successors and Assigns forever.

AND the Grantor does hereby bind Grantor's Heirs, Successors, Executors and Administrators, to warrant and forever defend all and singular the said premises unto the said Grantee and Grantee's Heirs, Successors and Assigns, against Grantor and whomsoever lawfully claiming, or to claim the same or any part thereof.

WITNESS the Grantor's Hand and Seal this _____ day of May, 2024, and in the two hundred forty-eighth year of the Sovereignty and Independence of the United States of America.

SIGNED, SEALED AND DELIVERED IN THE PRESENCE OF:

Petti S. Every	Donna Shannon Donna Shannon	(Seal)
STATE OF SOUTH CAROLINA)	ACKNOWLEDGMENT	
COUNTY OF LANCASTER)	ACINIOVILLOGINLINI	

I, the undersigned notary public, do hereby certify that the above named Grantor personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this the _____ day of _<u>May</u> , 2024.

NOTARY PUBLIC FOR SOUTH CAROLINA

Notary Name: <u>T. Alston DeVenny</u>
My Commission Expires: 07/13/2028

s:\pse\deedShannonDonnatoShannonMichael

STATE OF SO	UTH CAROLINA)
COUNTY OF	LANCASTER)

AFFIDAVIT

PERSONALLY appeared before me the undersigned, who being duly sworn, deposes and says:

- 1. This Affidavit is attached to a Deed dated the same date hereof for 1.00 acre, more or less, Lot 2, Plat No. 2014-230, Lancaster, SC, bearing Lancaster County Tax Map Number 0059-00-048.04 being transferred by Donna Shannon to Matthew D. Shannon, on May 8, 2024.
- 2. The deed is exempt from the deed recording fee because (See information section of affidavit): Transferring realty in which the value of the realty is equal to or less than one hundred dollars--Exemption #1 (Code Section 12-24-40(1)).

3. As required by C	ode Section 1	2-24-70, I state that I am	a responsible pers	on who was cor	nnected with
the transaction as:	Grantee				

4. I understand that a person required to furnish this affidavit who wilfully furnishes a false or fraudulent affidavit is guilty of a misdemeanor and, upon conviction, must be fined not more than one thousand dollars or imprisoned not more than one year, or both.

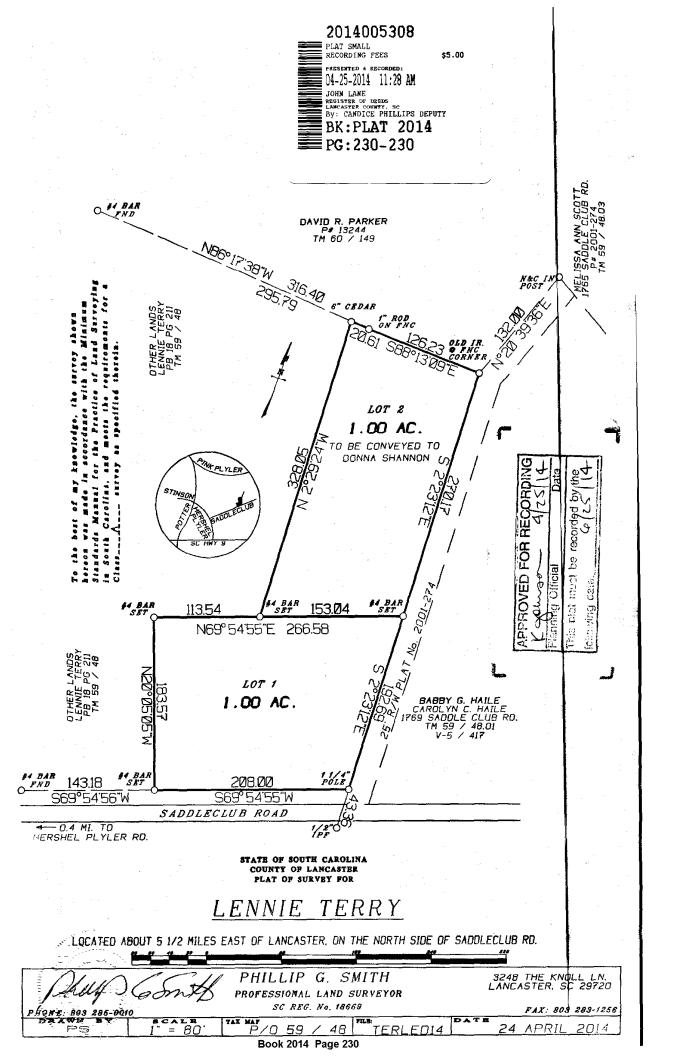
Matthew D. Shannon

SWORN to before me this gft day of May, 2024.

Notary Public for South Carolina

Printed Name of Notary Public: T. Alston DeVenny

My Commission Expires: $\sqrt{07/13/2028}$



Agenda Item Summary

Ordinance # / Resolution #: NRN-2024-1356 July Group Submittall: Civil Plans Contact Person / Sponsor: J. Bryan

Department: Planning

Date Requested to be on Agenda: 7/16/2024

Issue for Consideration:

Points to Consider:

Recommendation:

ATTACHMENTS:

Description	Upload Date	Type
Staff Report	7/5/2024	Exhibit
Application	7/5/2024	Exhibit
UDO Section	7/5/2024	Exhibit



New Road Name NRN-2024-1356 Staff Report to Planning Commission

Meeting Date: July 16, 2024

PROPOSAL: Approve road/street names in Lancaster County submitted via Civil

Construction Plans and Preliminary Plats

APPLICABLE LAWS: Chapter 6 of Lancaster County Unified Development Ordinance

(UDO); SC Code of Laws 6-29-1200

APPLICANTS/DEVELOPMENTS: Harris Mills

Wilson Creek Roselyn Edgewater Area 704 LLC

STATUTORY NOTICES: Posted signs not required

Meeting notice published 6/29/2024 in The Lancaster News

Posted Agenda in lobby 7/9/2024

PROJECT SUMMARY & PROPOSAL:

Proposal to approve street names in Lancaster County submitted via Civil Construction Plans and Preliminary Plats.

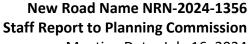
BACKGROUND:

The South Carolina Code of Laws, Section 6-29-1200 (A), states the following:

(A) A local planning commission created under the provisions of this chapter [the South Carolina Local Government Comprehensive Planning Enabling Act of 1994] shall, by proper certificate, approve and authorize the name of a street or road laid out within the territory over which the commission has jurisdiction. It is unlawful for a person in laying out a new street or road to name the street or road on a plat, by a marking or in a deed or instrument without first getting the approval of the planning commission.

In April 2023 Allison Hardin recommended bringing County practice into conformity with this state regulation. Staff will bring new street names to the Commission for review and approval on a monthly basis or as needed for the orderly progression of workflow regarding Civil Plan and Preliminary Plat approvals, and an amendment has been drafted for inclusion in the UDO rewrite.

UDO Chapter 6 defines the bases for approval as 1) that necessary public notice has been provided, 2) that correct application process has been observed, and 3) that the proposed name is not objectionable and does not conflict with existing street names.





Meeting Date: July 16, 2024

STAFF RECOMMENDATION:

Staff recommends **approval** of the street names listed in the attached document, having been reviewed by 911 Addressing for conformity to County standards for street names.

ATTACHMENTS:

- 1. Application (Lancaster County) & List of Street/Road names submitted to 911 Addressing
- 2. Applicable code sections UDO Chapter 6

STAFF CONTACTS:

Jennifer Bryan, Clerk <u>ibryan@lancastercountysc.gov</u> (803-416-9433) Sandra Burton, 911 Addressing <u>sburton@lanc911.com</u> (803-416-9325)



PLANNING DEPARTMENT PO BOX 1809 Lancaster, SC 29721

Phone: (803) 285-6005

****NEW ROAD NAME/CHANGE APPLICATION****

<u>Please note:</u> A fee of \$250.00 must be submitted with this application before it will be processed. Incomplete applications will be returned. The \$250.00 fee includes the cost of one road sign. New roads requiring more than one sign will require the \$250.00 fee plus \$50.00 for each additional sign.

Please provide the following applicant information as completely and accurately as possible. Date of Application: 625/2024 (for 7/16/2024 Agenda) Name: LC Planning Department Address: 101 N. Main Street City, State, Zip Code: Lancaster SC 29720 Telephone (H): 803-285-6005 Telephone (W) or (Cell):_____ Please provide the following new road name information as completely and accurately as possible. Location of new road: see attached list of roads submitted to E911 Addressing via Preliminary Plats and Civil Plans Road name as it exists now (if applicable): see attached list Proposed new road name (1st choice): _______ Proposed new road name (2nd choice):_______ Yes X NO ____ Will this be a private road? If applicable, do you plan on deeding this new road to the county in the future? Yes____NO_X Please attach the following items to this application: *A map to approximate scale depicting the location of the new road. *A petition signed by at least 75% of the property owners with parcels having frontage on the affected road. Signature of Applicant:

Road Name Subdivision

Daventry Av Harris Mills Mansfield St Harris Mills Brixham Av Harris Mills Oakmoor Av Harris Mills Cuckfield Way Harris Mills Oldham St Harris Mills Dartmouth Ct Harris Mills Ashford Ct Harris Mills Exeter Ct Harris Mills Salisbury Rd Harris Mills Edenbridge Rd Harris Mills Greenwich Av Harris Mills Eugene Oak Way Wilson Creek Wilson Creek James Creek St Savannah Way Wilson Creek Spankys Way Wilson Creek Harris Branch Cir Wilson Creek Old Crow St Roselyn Iron Fox Dr Roselyn Silent Meadows Ln Edgewater Canopy Bluff Ln Edgewater

Bobby Neil Ln Area 704 LLC-off Pettus Rd

6/24/2024

6.11.2 CONDITIONS OF ACCEPTANCE

No new road shall be platted by the County until such road has been named as herein provided.

- **A.** A master list of the names, including suffixes of all roads and streets, within Lancaster County shall be maintained by the E-911 Coordinator and kept on file in the Planning Department.
- **B.** Road names on all plats must be first approved by the Planning Department/E-911 coordinator before the plat may be recorded in the Register of Deeds office.

6.11.3 ROAD NAME STANDARDS

- **A.** The following shall specify the designation of road names. The road related definitions listed below shall apply to the development of street names, house or building numbers, and other addressing purposes. (Ord. No. 2019-1601, 9.23.19)
 - 1. Any road in excess of 1,000 feet in length shall be designated as:
 - a. Avenue (Ave): Avenues are often broad streets or roads; usually running perpendicular to streets. They serve as connectors between neighborhoods and area centers. As such, they are used both in residential and commercial areas. Avenues may also circulate around squares or neighborhood parks.
 - b. Boulevard (Blvd): A broad, often landscaped, thoroughfare; usually a main artery. A median is usually in the middle. They provide multi-lane access to commercial and mixed-use developments and carry regional traffic throughout the County.
 - c. Circle (Cir): A curving side street; usually a small residential street whose shape is circular.
 - d. Drive (Dr): A long, winding road that has its route shaped by its environment, like a nearby lake or mountain.
 - e. Highway (Hwy): A public way; a main direct road that joins cities or towns together.
 - f. Road (Rd): A thoroughfare that runs in any direction.
 - g. Street (St): A thoroughfare, especially in a city, town, or village, which is wider than an alley or lane and usually includes sidewalks. Usually runs perpendicular to avenues.
 - **2.** Any road less than 1,000 feet in length or any road that is cul-de-sac or any road that begins and ends on the same road shall be designated as:
 - a. Alley (Aly): A narrow street; a thoroughfare through the middle of a block giving access to the rear of lots or buildings which are intended to provide indirect, limited access, but not accommodate through traffic. Utilities, either above ground or underground, and services such as garages, service doors, dumpsters, etc. may be located in alleyways to provide service connections to rear elevations.
 - b. Court (Ct): A wide alley with only one opening onto a street; a road or street that ends in a circle or loop usually referred to as a cul-de-sac.
 - c. Lane (Ln): Lanes are small traveled ways intended to provide direct access to the front of a limited number of single-family structures. Lanes are limited in the number of lots served. Generally, they are very short; often less than 400 feet. Items including, but not limited to, traffic carrying

- capacity, topography, and connectivity, shall be a consideration when permitting a lane in lieu of a street.
- d. Place (Pl): A small street or court; usually a small residential street or a narrow street in a commercial district.
- e. Terrace (Ter): A type of shorter, narrower road that follows the top of a slope.
- f. Trail (Trl): A winding thoroughfare.
- g. Way (Wy): A small side street off of a road.
- **B.** Any previously unnamed road or new road with center line offsets at intersections of less than 100 feet shall be given the same name, except in a subdivision. The roads will be allowed 2 separate road names under the discretion of the approval of the Lancaster County Addressing Coordinator. Excluding roads within an approved subdivision or PDD.
- **C.** Any continuous road shall have the same name over its entire length even though its direction may change.
- **D.** No road name hereafter established, regardless of suffixes or directionals, shall duplicate either phonetically or by spelling, another road name in the unincorporated area of Lancaster County or a neighboring county. This is to ensure emergency personnel are directed to the proper location in the correct jurisdiction.
- **E.** No road name hereafter established shall exceed 15 characters, including spaces and suffix abbreviations. If the subdivision provides their own signage, the character limit does not apply.
- **F.** No special characters, such as hyphens, apostrophes, periods, or decimals, shall be used.
- **G.** Areas of surrounding counties, which share Postal Service zip codes or multijurisdictional emergency services agreements with areas of Lancaster County, shall be considered when determining duplicates.
- **H.** The E-911 addressing department will not allow use of words which in its opinion are overused, either in the immediate area or county-wide, as such overuse is likely to cause confusion.
- I. Directional names (N, S, E, W or combination thereof) shall not be allowed.
- **J.** Proposed road names, which are intentionally misspelled, obscene, derogatory or other offensive words shall not be permitted.

6.11.4 PROCEDURE FOR NAMING A NEW ROAD

- **A.** Any person, firm, corporation, developer or right-of-way owner shall submit an application obtained from the Planning Department when requesting to name a new road. Such request shall include any descriptive/locational information required by the Planning Department; designate a spokesperson by name, address, and telephone number; provide first and second road name choices; and be accompanied by a petition, signed by 75 percent of the property owners with parcels having frontage on the affected road.
- **B.** If the request is consistent with standards included the section entitled "Road Name Standards," above, the Planning Department shall approve said request giving written notice of that action within 60 days of the date of such request.
- **C.** If the request is denied by the Planning Department, written notice including reasons for that action shall be provided within 60 days of the date of such request.
- **D.** Decisions of the Planning Department, whether affirmative or negative, shall be final subject to written appeal to Lancaster County Planning Commission filed with the clerk to the commission within 15 calendar days of the notice date of the Planning Department's decision. Such appeal shall set out the specific grounds upon which the Planning Department's decision is questioned. The fifteen-day appeal period shall commence on the date of the Planning Department's written notice of decision, which shall be sent to the person signing the affected road name request.
- **E.** A person laying out a street is guilty of a misdemeanor if he shows an unapproved street name on a plat, street marker or deed. If convicted, the court decides the punishment.
- **F.** Naming a previously unnamed road or driveway does not change the maintenance responsibility; if it was privately maintained prior to its naming, it will remain privately maintained.
- **G.** Any road or driveway, whether publicly or privately maintained that serves as the sole access for three (3) or more permanent residential or business structures must be named. (Ord. No. 2017-1485, 1.8.18)