



PHYSICAL DEVELOPMENT COMMITTEE
City Council Committee

Tuesday, January 9, 2024 | 3:00 PM
2nd Floor Training Room- City Hall
900 Church Street
Lynchburg, VA 24504

PHYSICAL DEVELOPMENT COMMITTEE AGENDA

- I. Welcome** *Councilmember Larry Taylor, Chair*
- II. Information Items**
 - II.1.** Update on 501/221 Project
- III. General Business**
 - III.2.** Additional City Street Mileage for VDOT Highway Maintenance Payments
- IV. Roll Call**
- V. Next Regular Meeting**

PROGRESS MADE ON THE 501/221 ROAD IMPROVEMENT PROJECT

January 9, 2024



PROJECT BACKGROUND

- Began as “Crosstown Connector” Project in 2002
- Included in City’s capital program in 2013
- Selected TY Lin as design engineering consultant in 2013
- Applied for SMARTSCALE funds in 2016 and 2019
- Awarded SMARTSCALE funds in 2019



PROJECT BACKGROUND

- **Bridge/Flyover over Old Forest Road added in 2020**
- **In 2021 previous TY Lin project manager retired suddenly**
- **Increasing concerns about project schedule and quality**
- **Hired McCormick- Taylor (M-T) to assist staff with project management**
- **April 2023- Terminated design contract with**



STAFF PROGRESS UPDATE

Worked with M-T to review the current construction documents for quality and completion

Analyzed best project delivery method with VDOT

- **Design, Bid, Build**
- **Design, Build**
- **Public Private Partnership**

Determined Design-Bid-Build best option

STAFF PROGRESS UPDATE

Worked with M-T to develop proposed schedule and updated cost estimate

Plan to award contract to finish design to M-T because they:

- **Worked on project since October 2021**
- **Familiar with project and existing construction documents**

PROPOSED PROJECT SCHEDULE

The projected schedule is as follows:

- **Additional survey and design work to continue**
- **Right of Way and Utility Relocations May 2025 - May 2026**
- **Advertisement June 2026**
- **Construction starting November 2026**
- **Construction finishing and project close-out August 2029**

UPDATED PROJECT COST ESTIMATE

New project cost- 74M

Project shortfall- \$17.5 M

- **Inflationary increases**
- **Project delays**

Additional funds are not needed until FY 2027

FEDERAL AND STATE FUNDING OPTIONS

Possible funding options:

Possible influx of \$3.7M from the Federal Infrastructure Grant

Apply for a Federal RAISE grant that could fund between \$5-25M of the project

Delay several transportation projects from the FY 24, FY25 and FY26 CIP budgets \$14.5 M

Other VDOT inflationary funding if available

Questions?

AGENDA ITEM SUMMARY

MEETING DATE

January 9, 2024

PRESENTED BY

Joseph Newland, City Engineer

AGENDA ITEM # III.2

Additional City Street Mileage for VDOT Highway Maintenance Payments

RECOMMENDATION

This item will come before Council for action at its January 23, 2024, meeting. Approve the attached resolution requesting Virginia Department of Transportation (VDOT) to increase the official City Street lane mileage for reimbursement of highway maintenance funds for FY 2025.

SUMMARY

When required, usually each year, the City submits a list of new or improved streets to VDOT for acceptance into the street maintenance system for payments to the City from the Commonwealth. For FY 2025, staff has identified 3.74 lane miles of street segments that need to be added. These street segments are shown on the attached maps and VDOT U-1 Form.

This action is required by VDOT to add these segments to the system.

PRIOR ACTION(S)

None

FISCAL IMPACT

3.74 additional lane miles will increase highway maintenance funds in the amount of \$62,180 annually.

CONTACT(S)

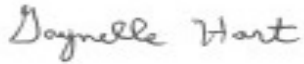
Joseph Newland, City Engineer
Gaynelle Hart, Director of Public Works

ATTACHMENT(S)

1. Resolution
2. U1 FORM 2024
3. Blackwater Run (Elmwood Ave & Courtney Springs Dr)
4. Locust Thicket (Thicket Dr & Robinia Rd)
5. Creekside Reserve (Jordan Ct & Ethan Ct)
6. Bennetts Grove (Bennetts Way & Lincolns Way)
7. Knott (Knott St & Latham St)
8. Candler's Delete

- 9. Carroll Ave
- 10. Gaddy Rd
- 11. Enterprise Dr

REVIEWED BY



Gaynelle Hart, Director of Public Works

Date: January 04, 2024



Gregory Patrick, Deputy City Manager

Date: January 04, 2024



Alicia Finney, Clerk of Council

Date: January 04, 2024

RESOLUTION:

WHEREAS, the Virginia Department of Transportation (VDOT) requires action to increase the lane mileage for street maintenance entitlement funds from the Commonwealth; and,

WHEREAS, 3.74 lane miles of local and arterial streets have been identified to be added to the system; and,

NOW, THEREFORE, BE IT RESOLVED THAT: The Lynchburg City Council requests the Commonwealth Transportation Board to approve the addition of lane mileage as enumerated on Form U-1.

Adopted: _____

Certified: _____
Clerk of Council

Appendix B
Form U-1 (rev. 7-1-17)

LOCAL ASSISTANCE DIVISION
VDOT
REQUEST FOR STREET ADDITION, DELETIONS AND CONVERSIONS FOR
STREET PAYMENTS SECTION 33.2-319
CODE OF VIRGINIA

MUNICIPALITY Lynchburg

DISTRICT Lynchburg

ACTION REQUIRED (SELECT BELOW)	STREET NAME ROUTE NUMBER	FROM	TERMINI	TO	R/W (Width) (FEET)	PAVEMENT WIDTH (FEET)	CENTER LANE (MILES)	NUMBER OF LANES	MOVING LANE MILES	Eligibility Code Reference Link	FUNC. CLASS. (TMPD USE except for HR and NOVA)
ADD (New Road)	Elmwood Avenue	Goodyear Drive to End			50	30	0.19	2	0.38	1	
ADD (New Road)	Courtney Springs Drive	Elmwood Avenue to End			50	24	0.12	2	0.24	5	
ADD (New Road)	Robinia Road	Thicket Drive to End			50	24	0.19	2	0.37	5	
ADD (New Road)	Thicket Drive	Confederate Avenue to End			50	24	0.34	2	0.67	5	
ADD (New Road)	Jordan Court	Fleetwood Drive to End			50	24	0.26	2	0.52	5	
ADD (New Road)	Ethan Court	End to End			50	24	0.20	2	0.40	5	
ADD (New Road)	Lincolns Way	Bennetts Way to Grove Road			50	24	0.13	2	0.26	5	
ADD (New Road)	Bennetts Way	Alta Lane to End			50	24	0.22	2	0.43	5	
ADD (New Road)	Knott Street	.1 Mi W Hartford Street to Latham Street			50	24	0.08	2	0.16	5	
ADD (New Road)	Latham Street	.012 Mi N Knott St to .013 Mi S Knott St			50	24	0.03	2	0.05	5	
DELETE (Existing Segment)	Candlers Mountain Road	Woodall Road to 0.22E Woodall Road			0	17	0.22	1	0.22	6	
ADD (New Road)	Carroll Avenue	Mayflower Drive to Odd Fellows Road			40	20	0.09	2	0.18	3	
ADD (New Road)	Gaddy Road	Gaddy Road to .15 Mi S Gaddy Rd.			40	20	0.15	2	0.30	3	
Change Exsisting Segment	Enterprise Drive	Change Functional Class Local to Arterial			89	66	1.58	4	6.32	1	
SELECT ONE									0.00	Select one	
SELECT ONE									0.00	Select one	
SELECT ONE									0.00	Select one	
SELECT ONE									0.00	Select one	

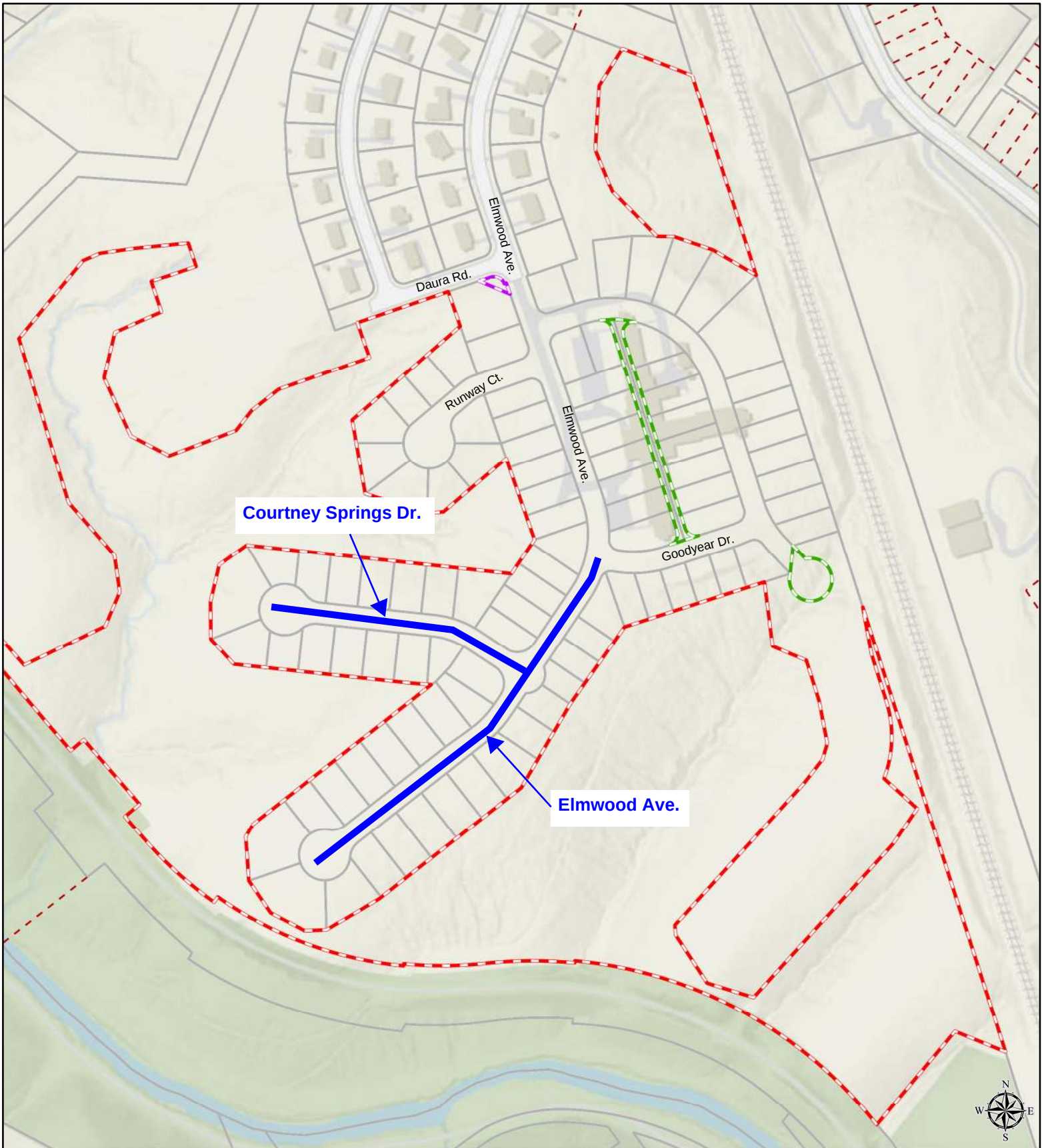
* Council Resolution and Map Attached

SIGNED _____
MUNICIPAL OFFICIAL DATE

Submit to: District Point of Contact in triplicate

SIGNED _____
AUTHORIZED VDOT OFFICIAL DATE

CLASSIFIED BY _____
T&MPD ENGINEER DATE



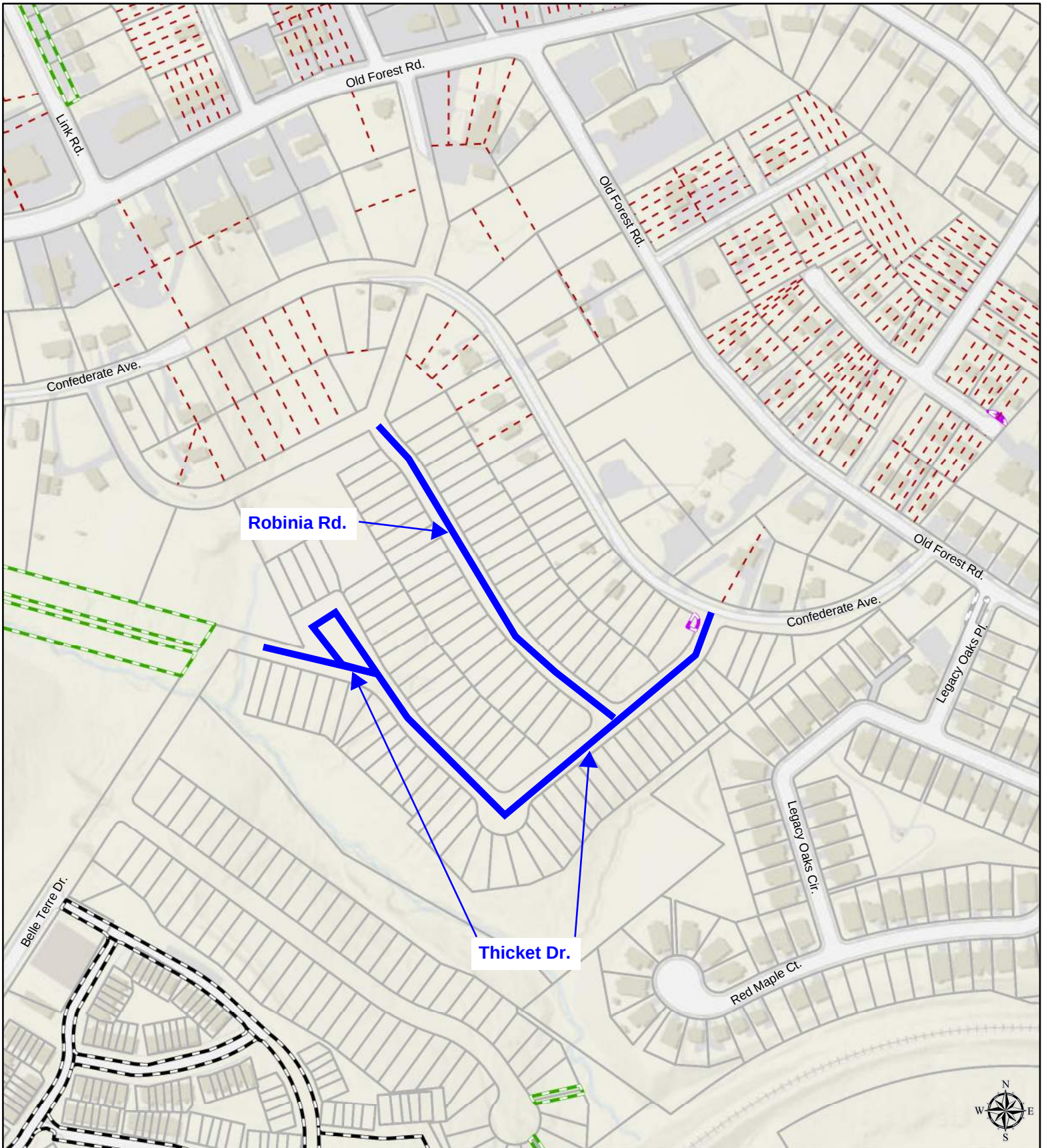
Elmwood Ave. & Courtney Springs Dr.



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1 inch = 300 feet 1:3,600

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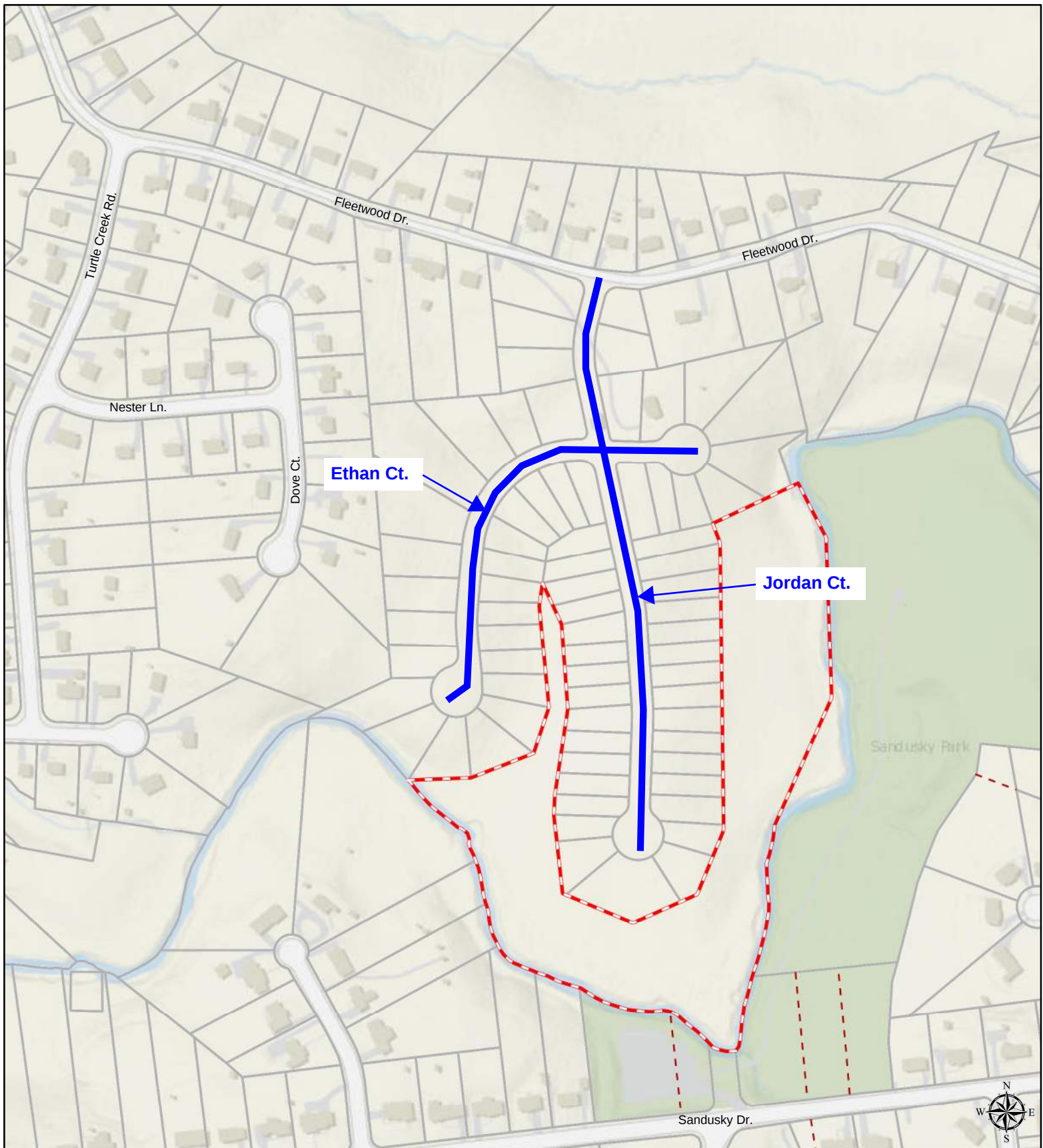
Thicket Dr. & Robinia Rd.



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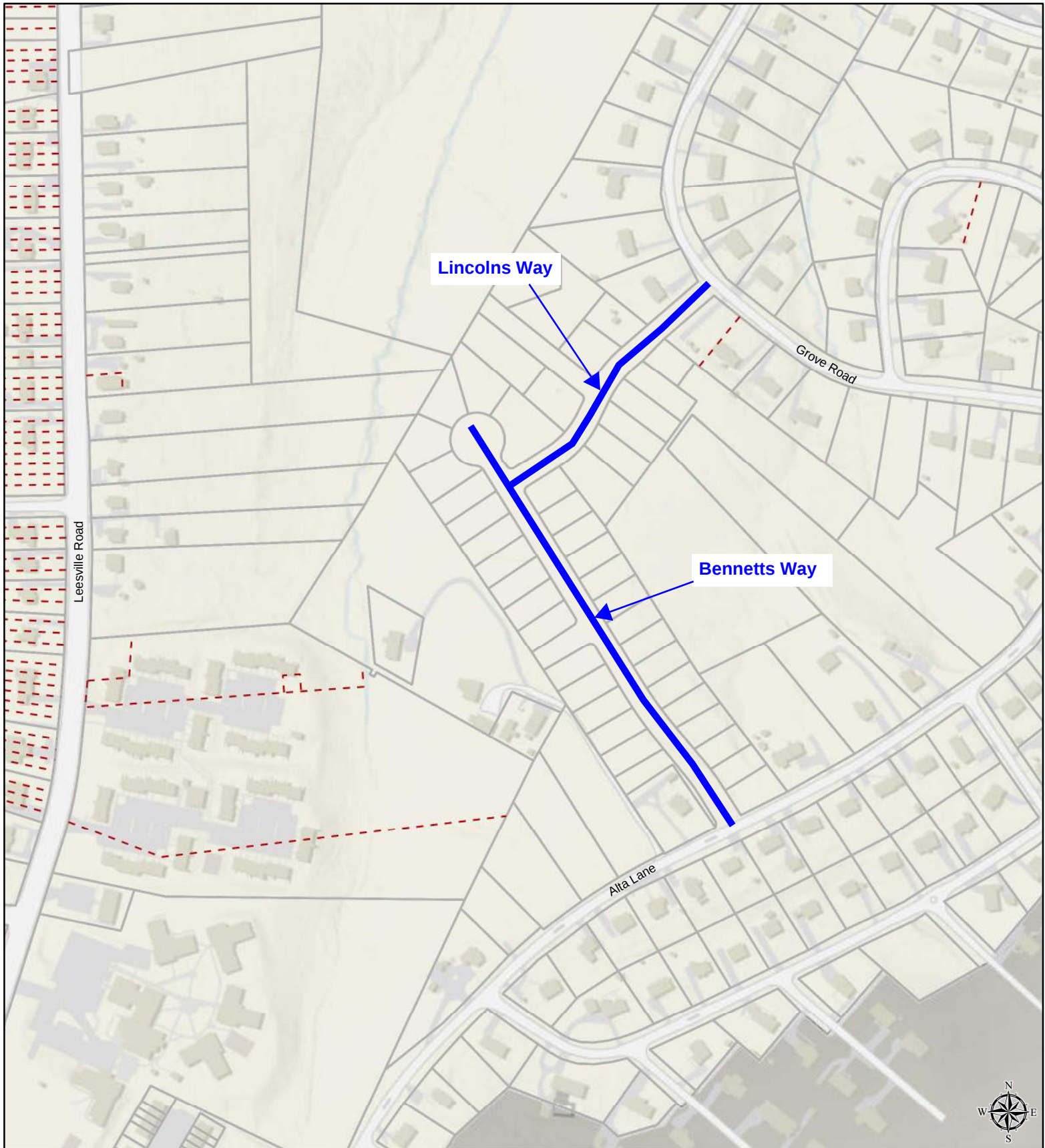
Jordan Ct. & Ethan Ct.



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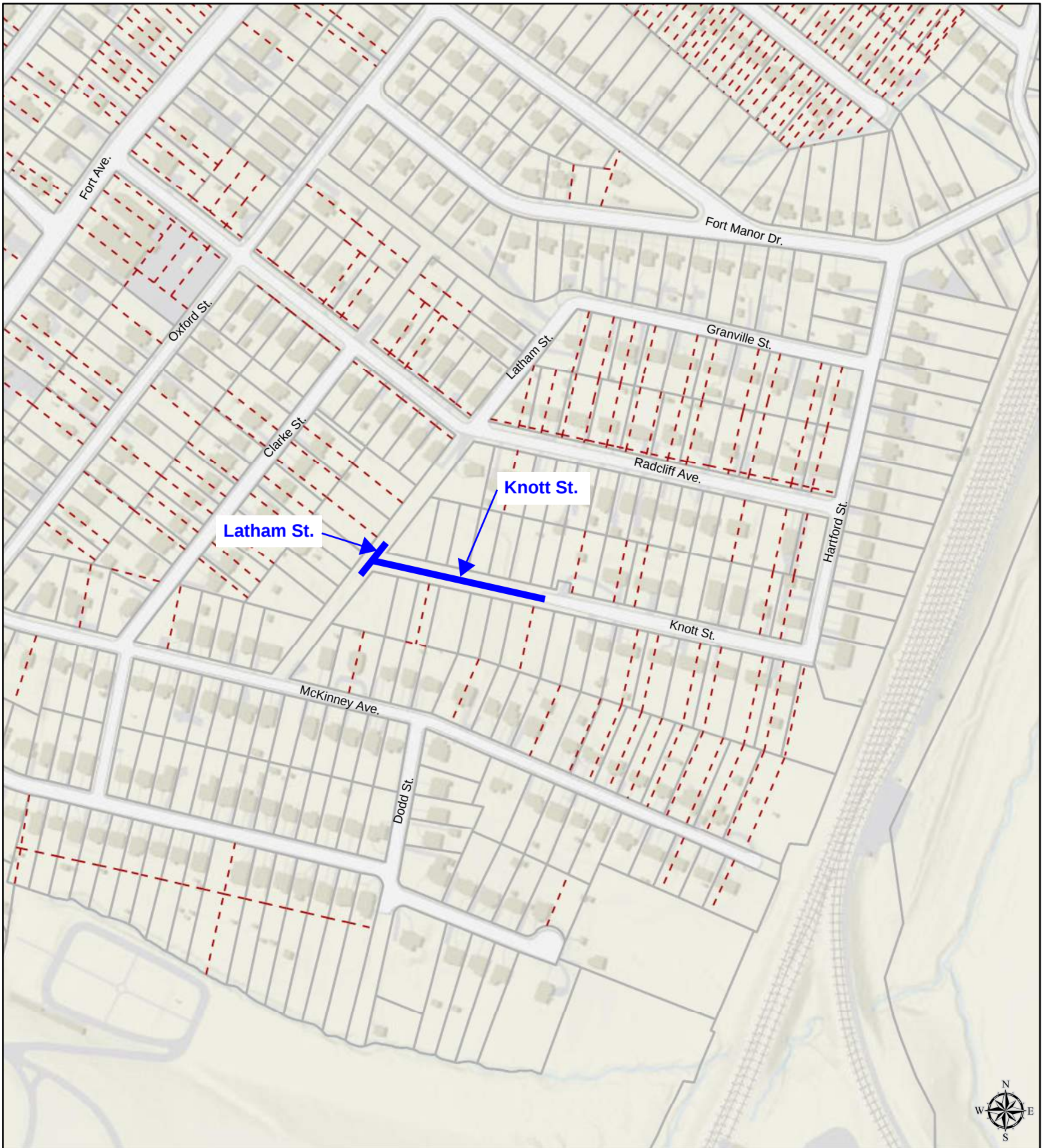
Bennetts Way & Lincolns Way



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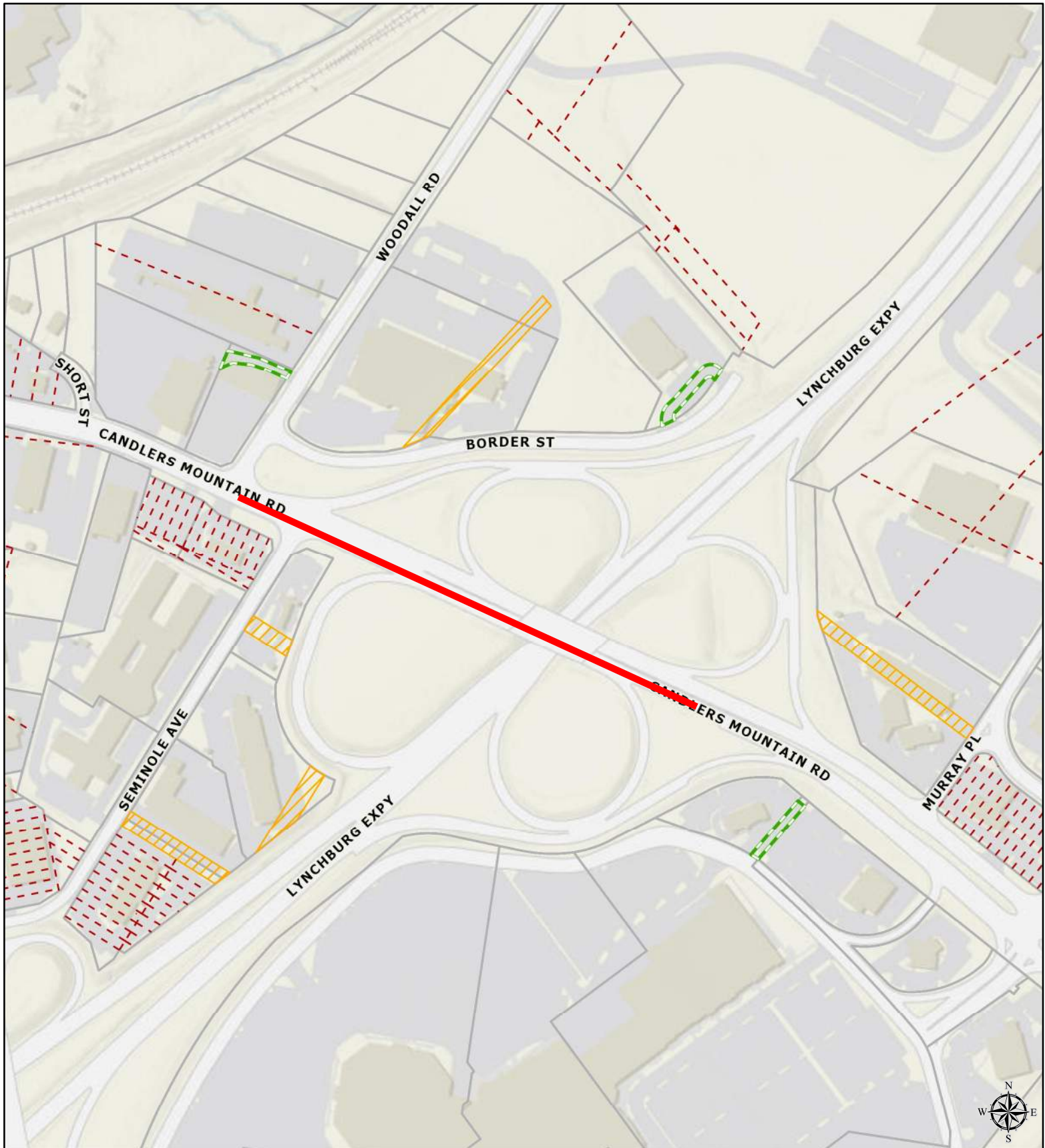
Knott St. & Latham St.



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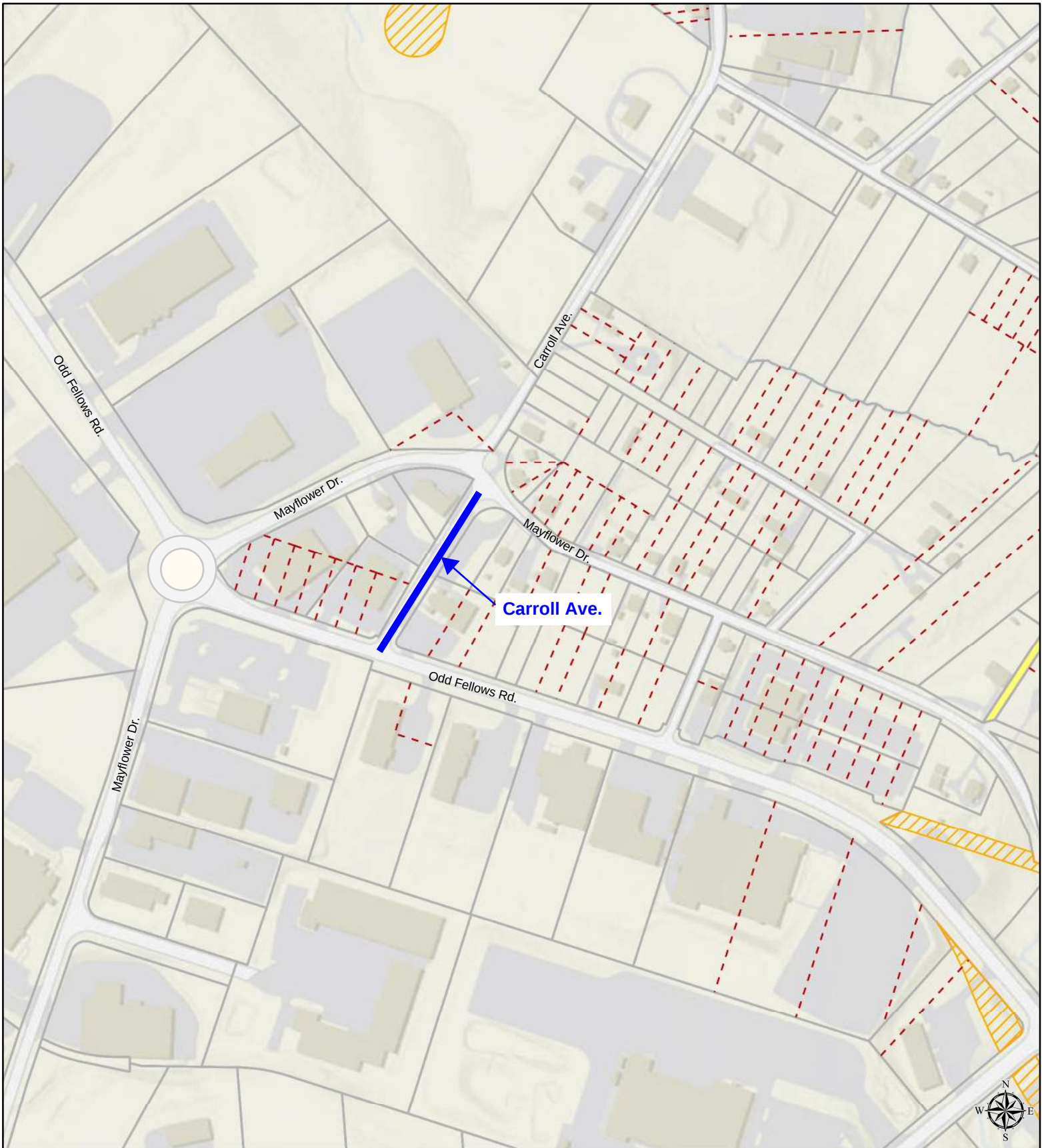
Candlers Mountain Deletion



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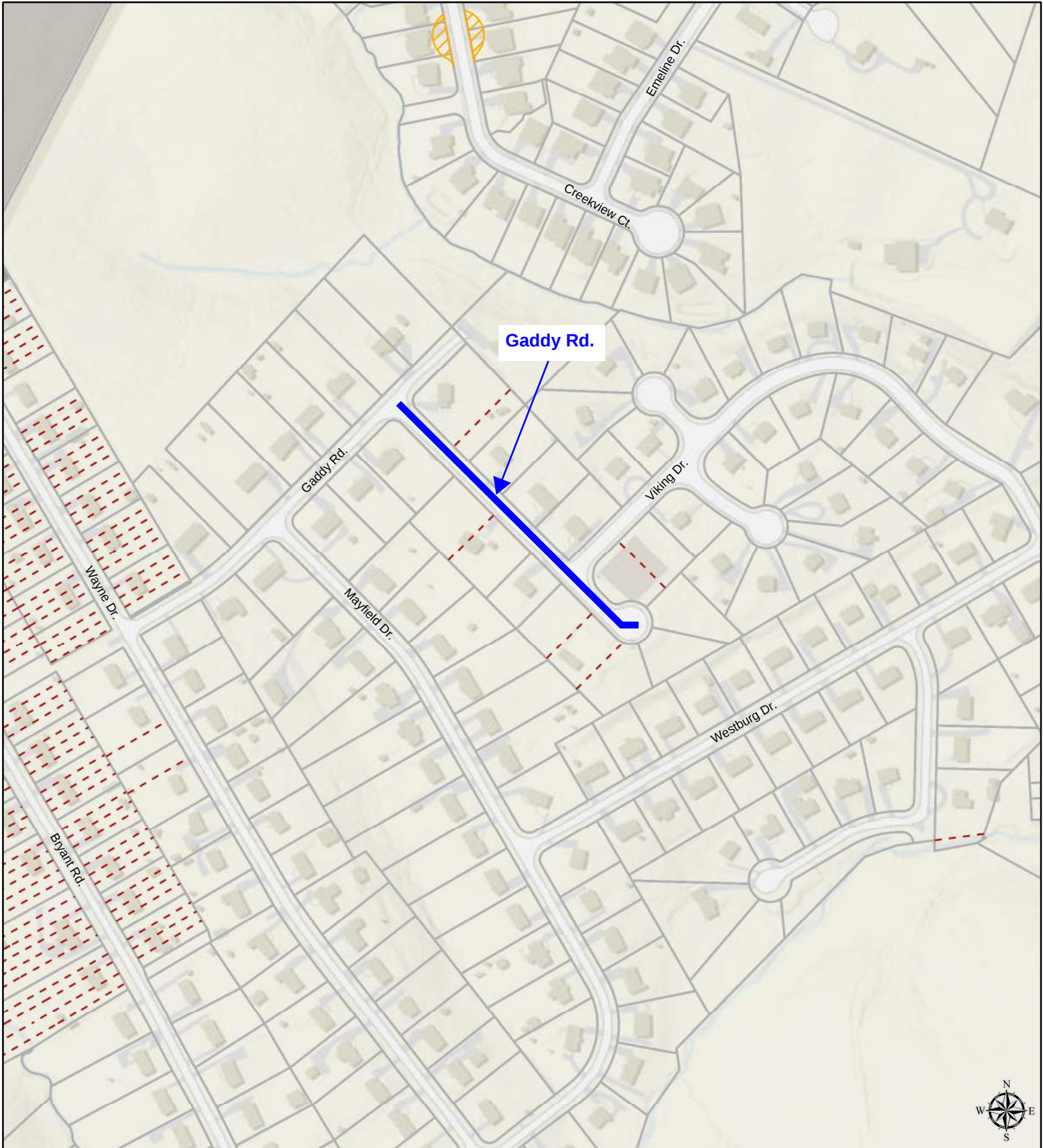
Carroll Ave.



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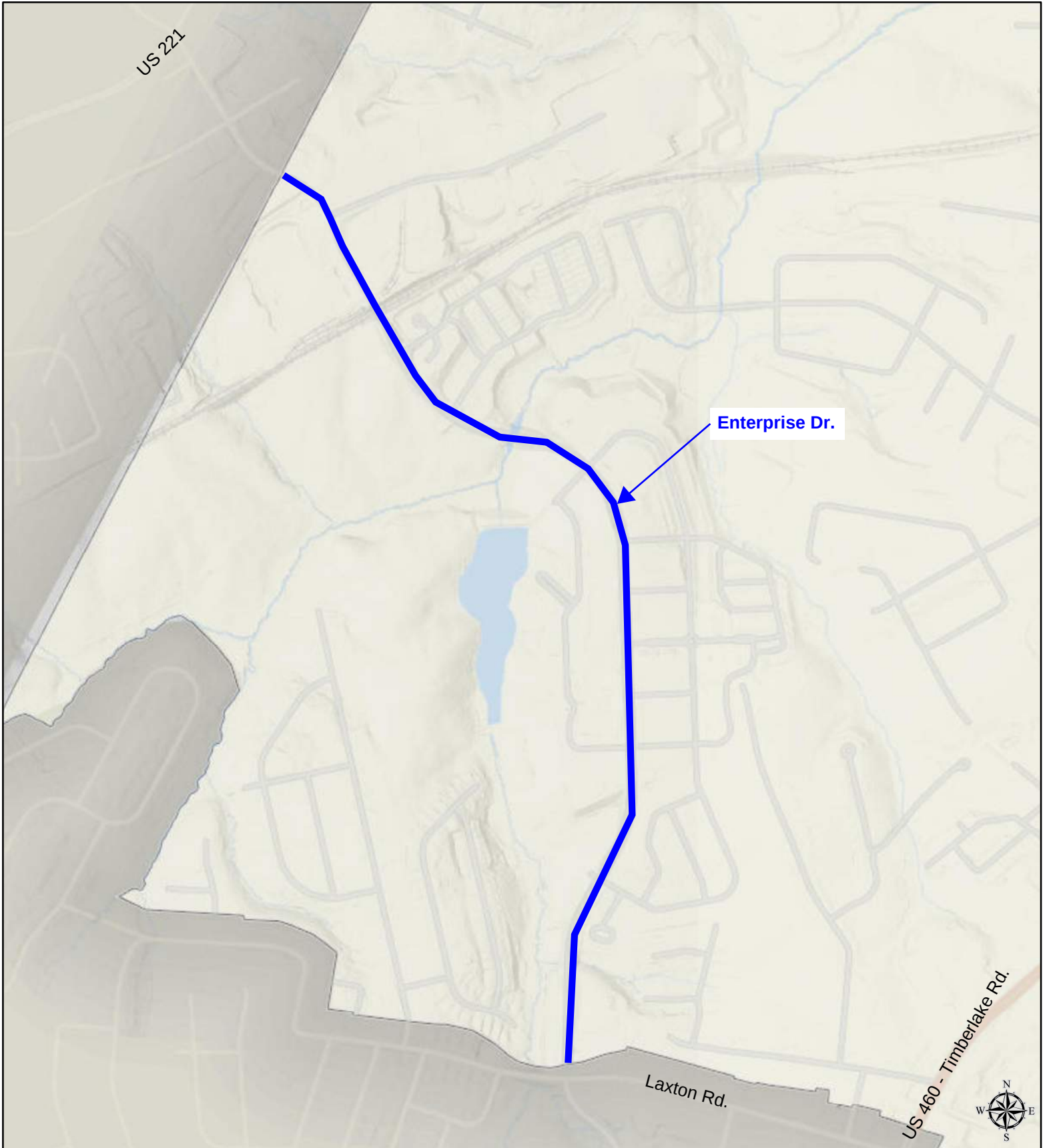
Gaddy Rd.



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Enterprise Dr. Functional Change



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0 990 1,980 ft
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