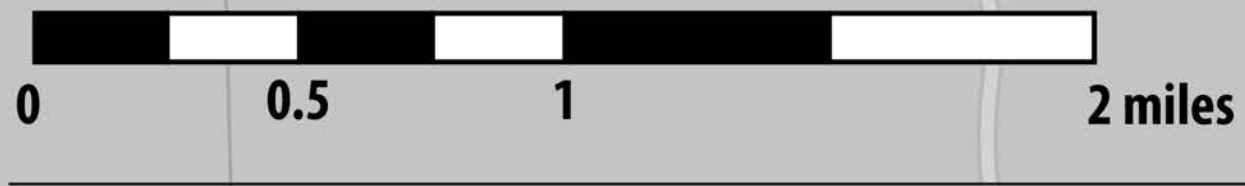
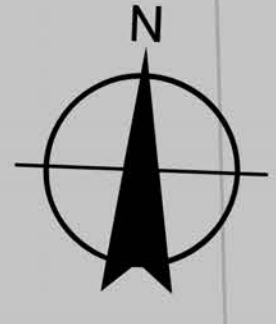
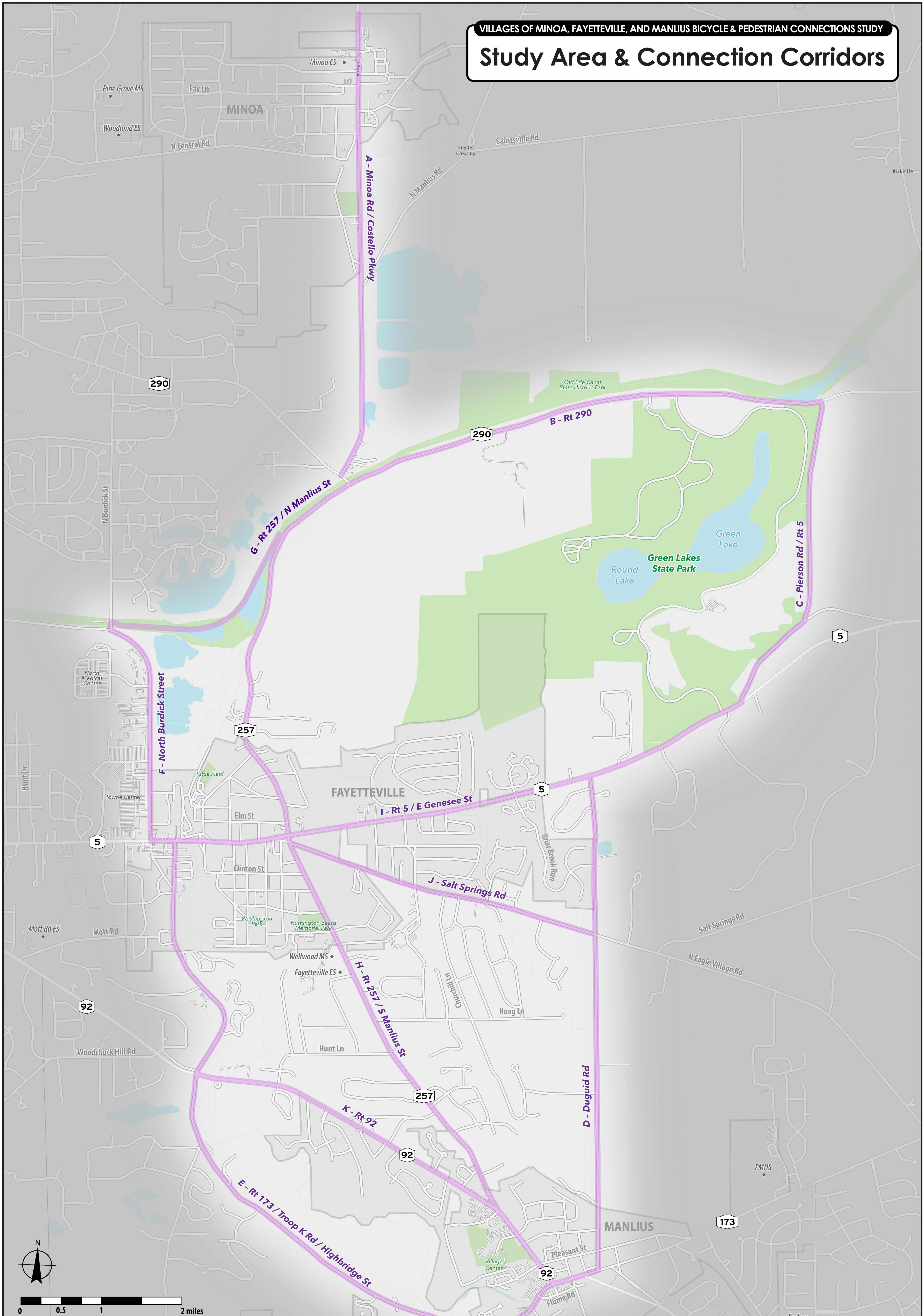


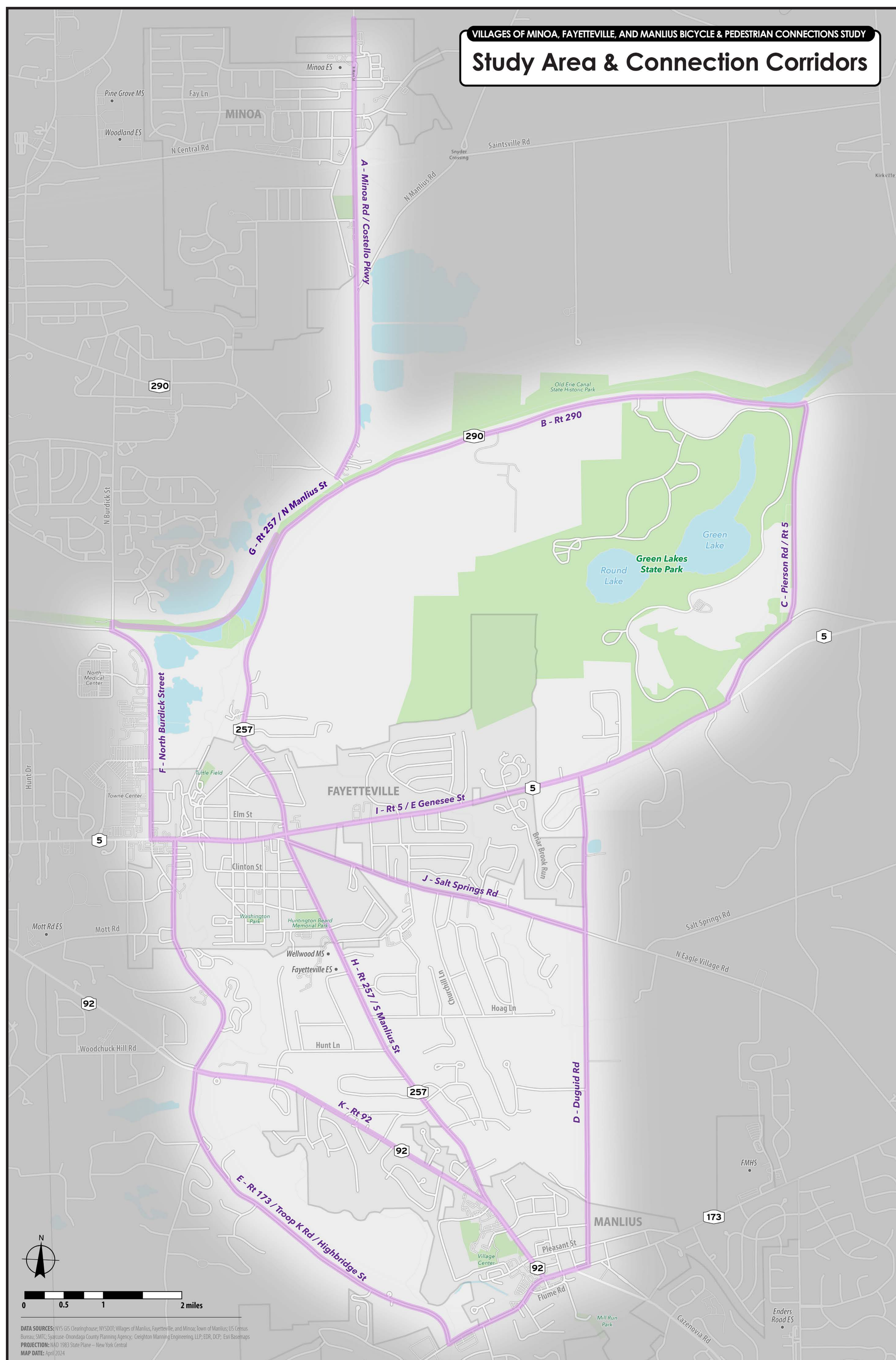
VILLAGES OF MINOA, FAYETTEVILLE, AND MANLIUS BICYCLE & PEDESTRIAN CONNECTIONS STUDY

Study Area & Connection Corridors



DATA SOURCES: NYS GIS Clearinghouse; NYSDOT; Villages of Manlius, Fayetteville, and Minoa; Town of Manlius; US Census Bureau; SMTC; Syracuse-Onondaga County Planning Agency; Creighton Manning Engineering, LLP; EDR, DCP; Esri Basemaps
 PROJECTION: NAD 1983 State Plane - New York Central
 MAP DATE: April 2024

Introduction & Overview

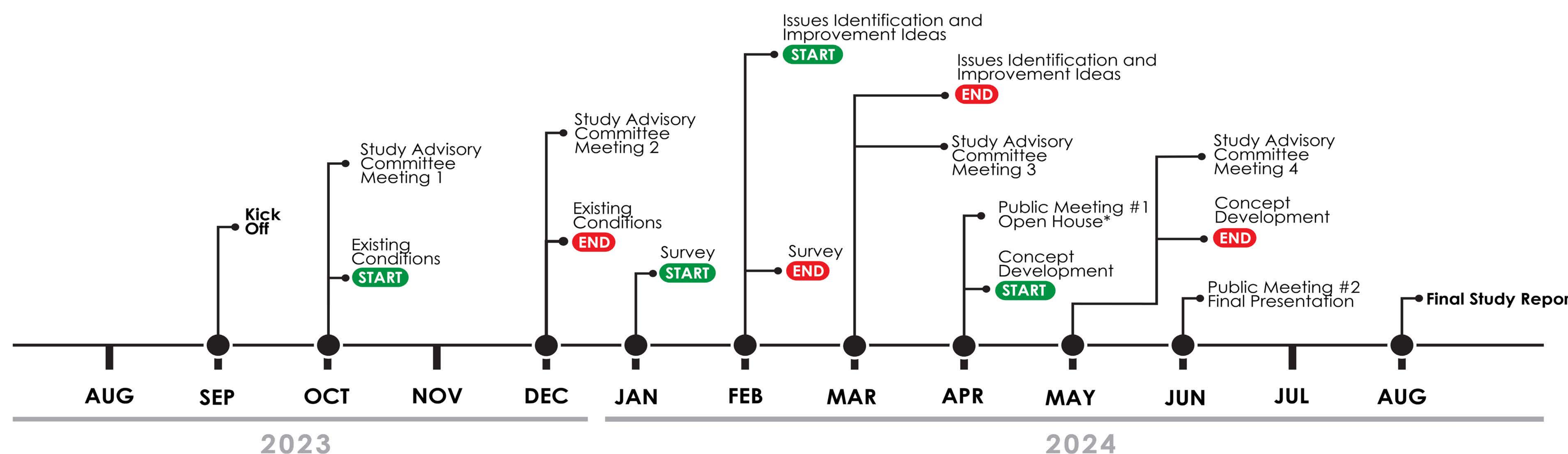


STUDY OVERVIEW: The Syracuse Metropolitan Transportation Council (SMTC), on behalf of its municipal partners, wants to build on recent planning efforts (local and regional) which relate to pedestrian and bicycle accommodations. Specifically, they are interested in connections that link the **villages of Minoa, Fayetteville, and Manlius** to each other, as well as to neighboring parks and trails in the area, including, the Empire State Trail system, Mill Run Park, and Green Lakes State Park. The study area consists of: North Burdick Street, East Genesee Street, Route 290, Pierson Road, NYS Route 5, Duguid Road, Route 173, and Troop K Road, and Highbridge Street; spur that will run to the Village of Minoa via Minoa Road Connections to the front (NYS Route 5) and rear entrance (Route 290) to Green Lakes State Park.

STUDY DETAILS: SMTC is working with a Study Advisory Committee to help inform the work. An online survey was conducted to gather information from members of these communities on their current walking and biking trips and which corridors were preferred. Existing conditions data along the identified corridors was gathered and issues were noted.

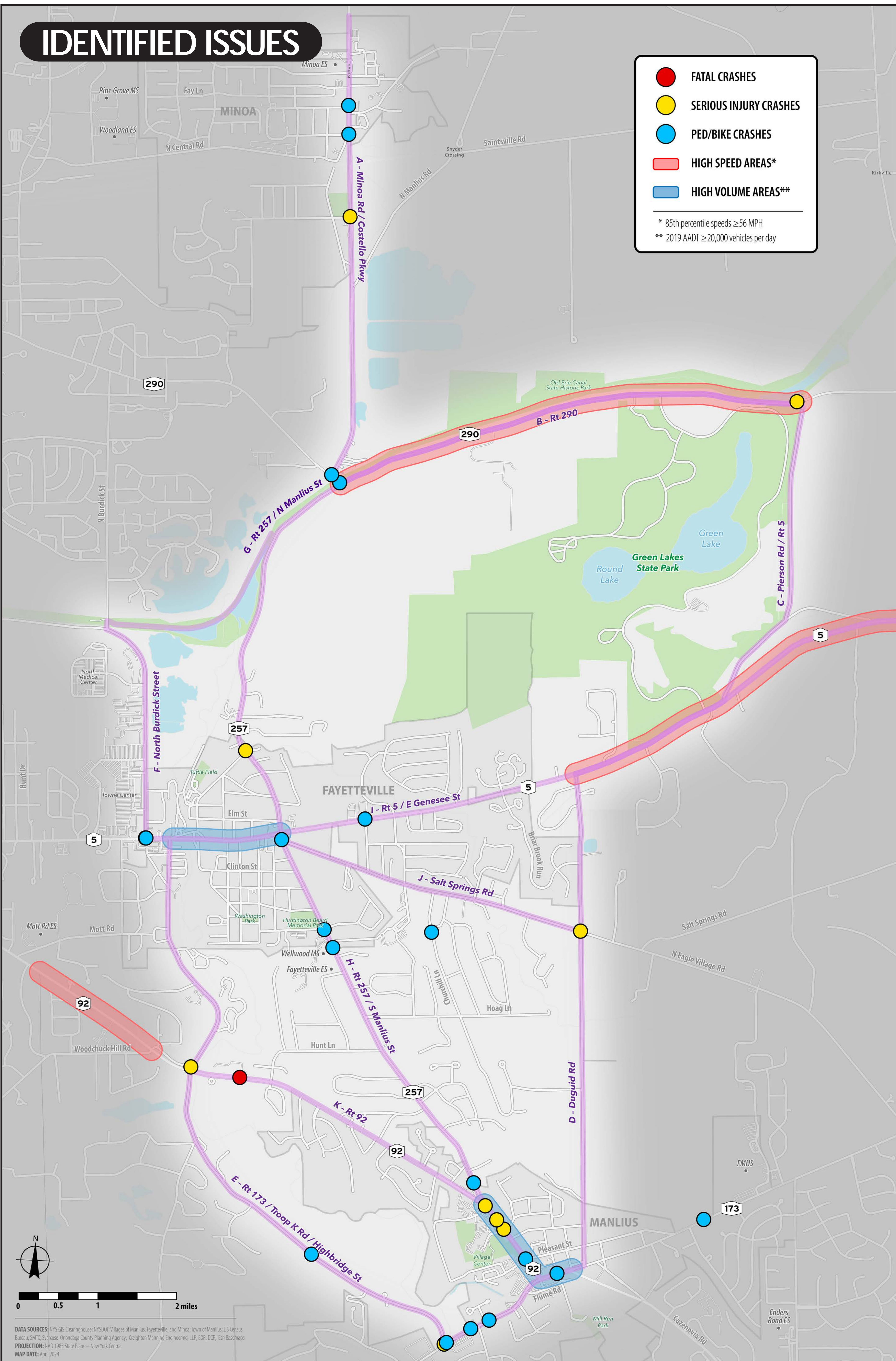
STUDY GOALS: Provide detailed, site-specific recommendations for bicycle and pedestrian facilities along the most appropriate roadways to strengthen and increase the safety of bicycle connections from local parks and trails to the village of Minoa, Fayetteville, and Manlius as well as increase the number of bicycle commuter trips through the villages of Fayetteville and Manlius.

PROJECT TIMELINE



Survey Results & Issues Identification

IDENTIFIED ISSUES



SURVEY SUMMARY



356 responses

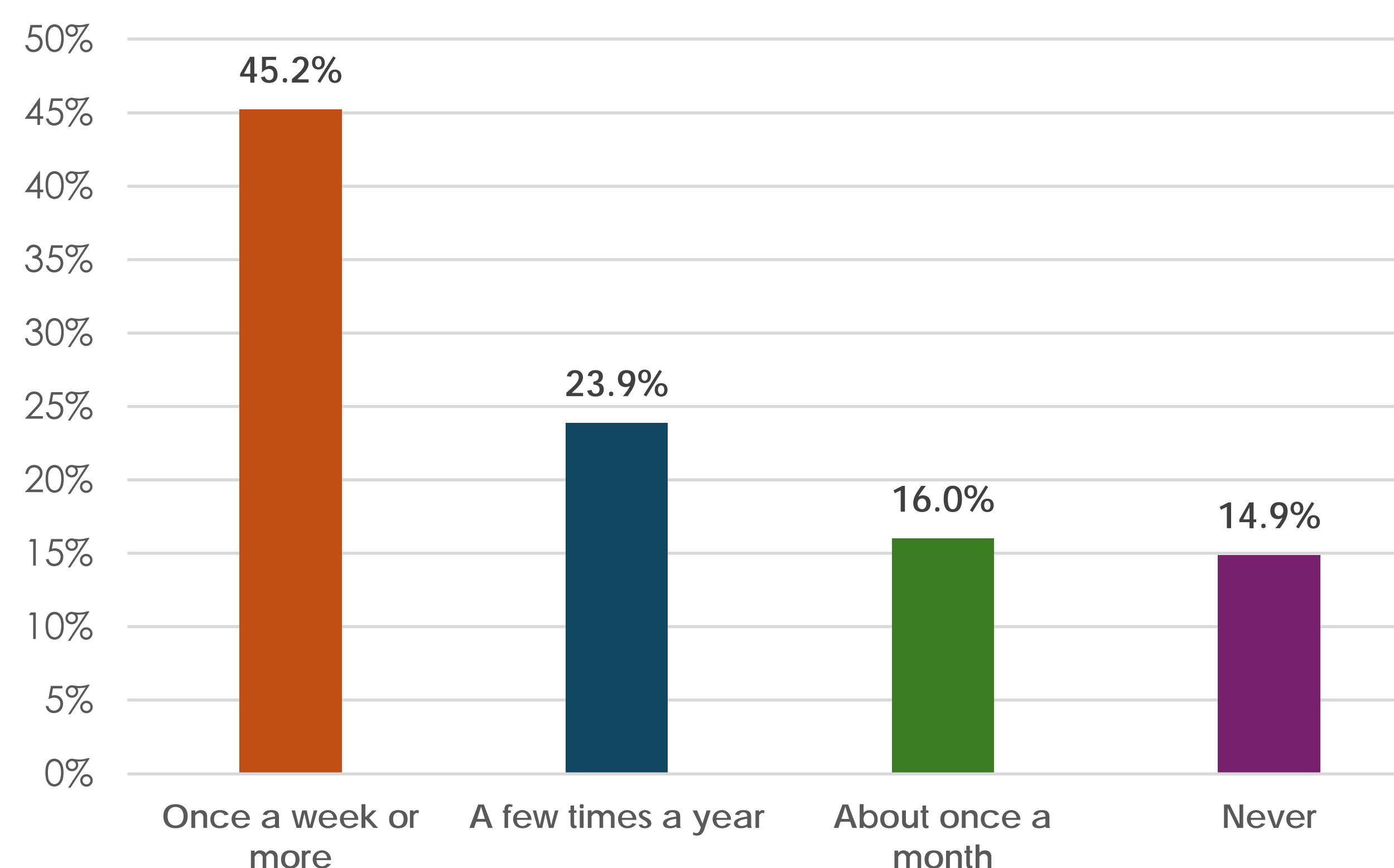


Open from Jan 22 – Feb 12, 2024



Over 90% of respondents are from Manlius or the three villages

Do you ever walk or bike for short trips (less than 3 miles) from your home to destinations like stores, parks, school, etc.?

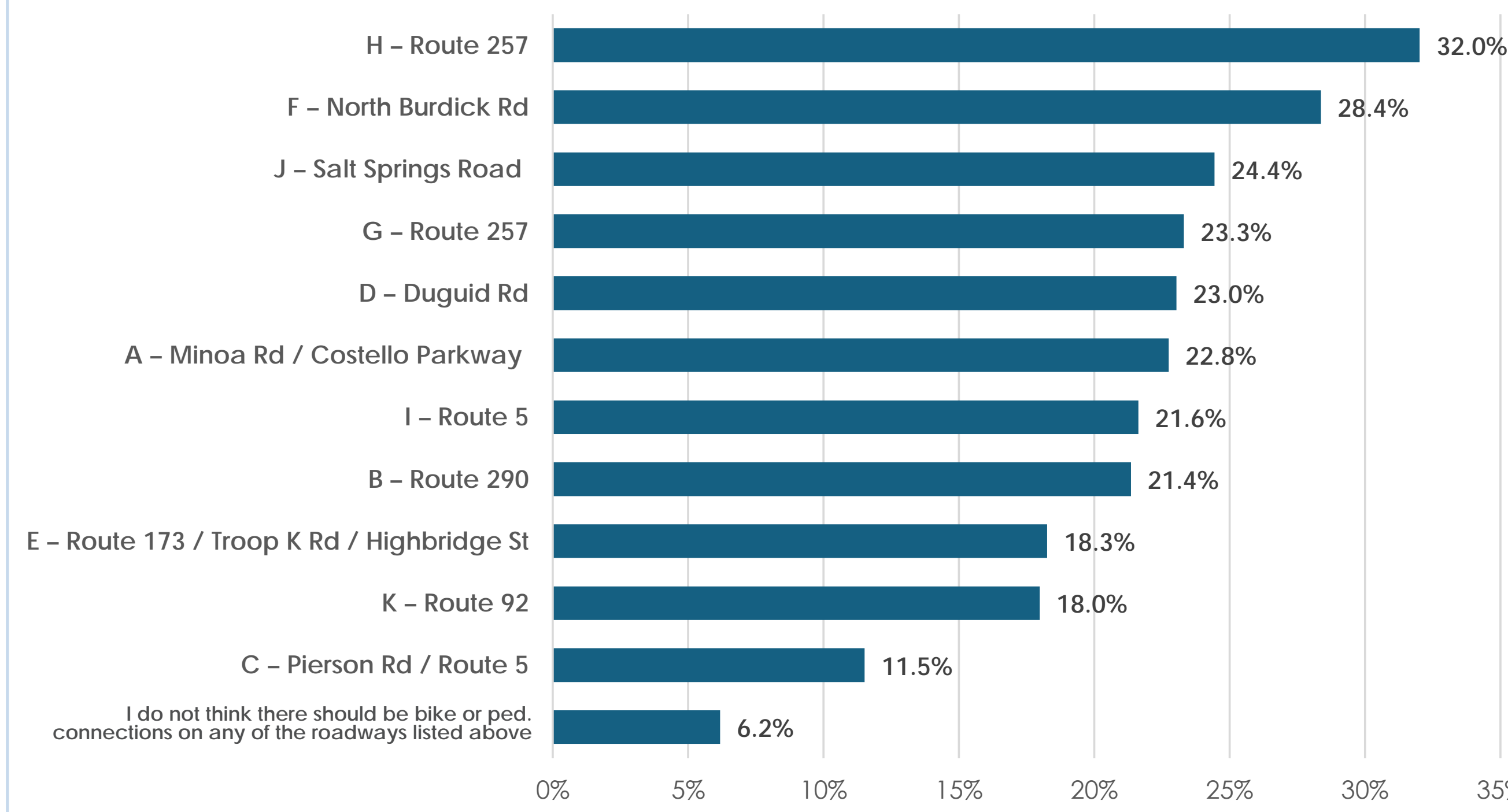


If you indicated that you never walk or bike on the roadways listed above, would you like to explain why?

EXAMPLE COMMENTS:

- “These are **busy roads** and not really safe for a bike.”
- “I would use the roads to **bike much more** if I felt safer doing so. Typically, we go to parks, cafes, the library, etc. by bike with a toddler. I don’t feel there is enough **driver awareness and precaution around bikes**, especially outside of the village.”
- “Busy vehicle traffic with **no sidewalks or narrow shoulders.**”

Select the three (3) roadways that you would like to see enhanced to support better bicycle and pedestrian connections in this area. This could include bike lanes, sidewalks, crosswalks, or other dedicated infrastructure.



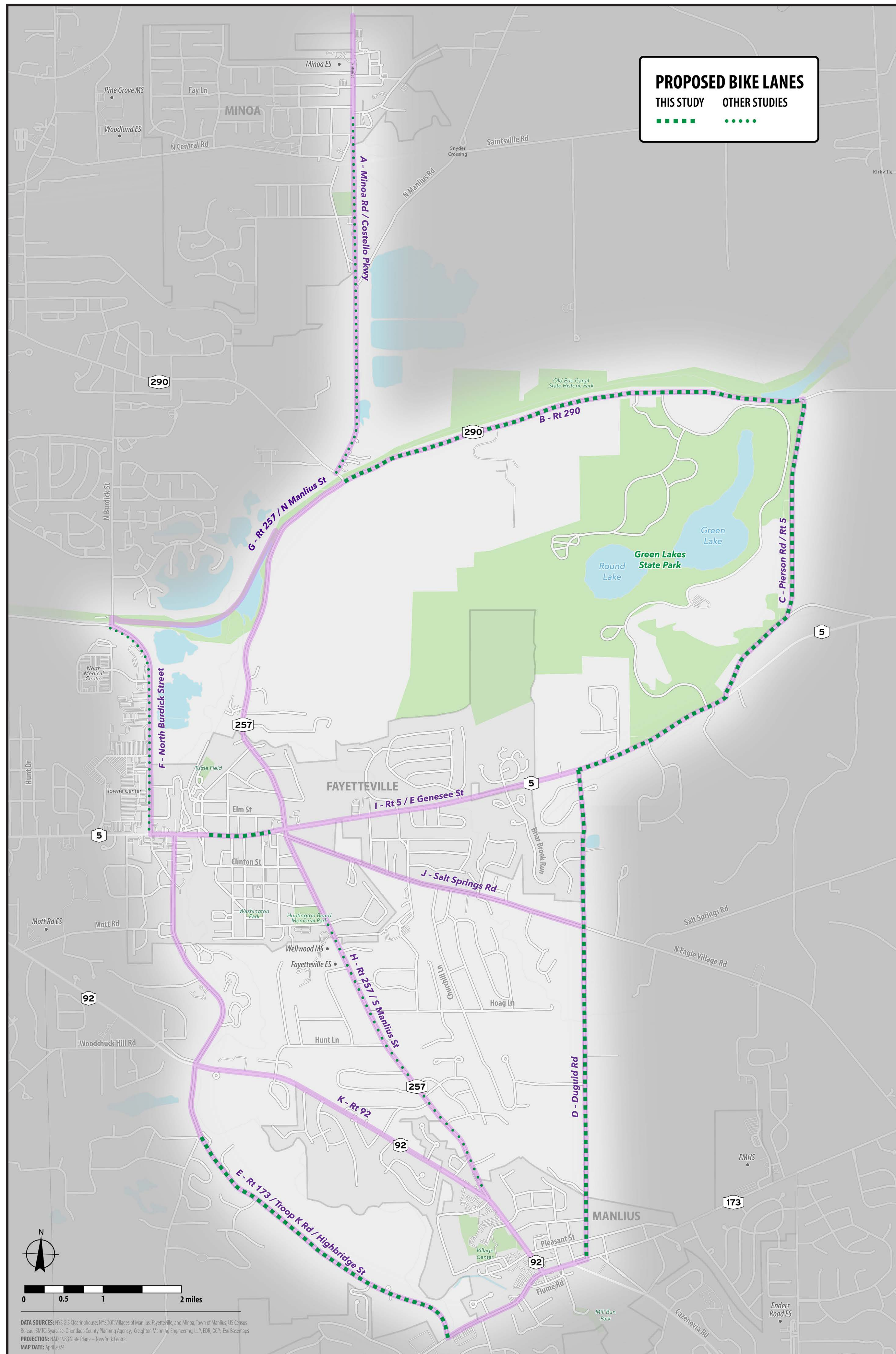
What else would you like us to know about bicycle and pedestrian connections in this area?

EXAMPLE COMMENTS

- “We need to prioritize on **sidewalks and protected bicycle lanes** around our schools in the town.”
- “It’s not just bicycle and pedestrian traffic you are talking about, they will now be **intertwining with faster moving traffic speeds** on most of the routes mentioned. This is not safe for motorists or cyclists and pedestrians”
- “Please add a **protected bike path to Minoa Road!** Minoa is a **canal community** which could be used as funding. Or DEC CSC. Or TIP. Minoa could partner with the Town. There is enough ROW for a **shared use path.**”
- “On Route 5 with Mapledowns, Brookdale, Fayette Manor and Homewood within half a mile of major shopping, **there should be sidewalks!**”
- “Route 257 from Green Lakes to the Village has **very small shoulders.** It would be appreciated if the **shoulders could be widened and made safer.**”

DATA SOURCES: GIS Data: OpenStreetMap, NYS DOT, Villages of Manlius, Fayetteville, and Minoa, Town of Manlius, NY Census, Syracuse, NY Census, Onondaga County Planning Agency, Creighton Manning Engineering, LSP, LOR, DOT, Erie Boulevard, PROJECTIONS: NAD 83 StatePlane - New York Central, MAP DATE: April 2024

Bike Lanes (Wide Shoulders)



CONCEPT: Widen shoulders by narrowing travel lane and/or expanding pavement (with or without curb)

PRIMARY USE: Biking (may be used for walking when no sidewalk)

MATERIALS: Asphalt, epoxy paint (or pavement markings)

WIDTH: 5ft minimum; buffer and separation options

ENHANCEMENT: \$\$\$

- No roadway expansion
- Widening shoulders using striping, narrow travel lanes, and adding buffers

KEY AREAS:

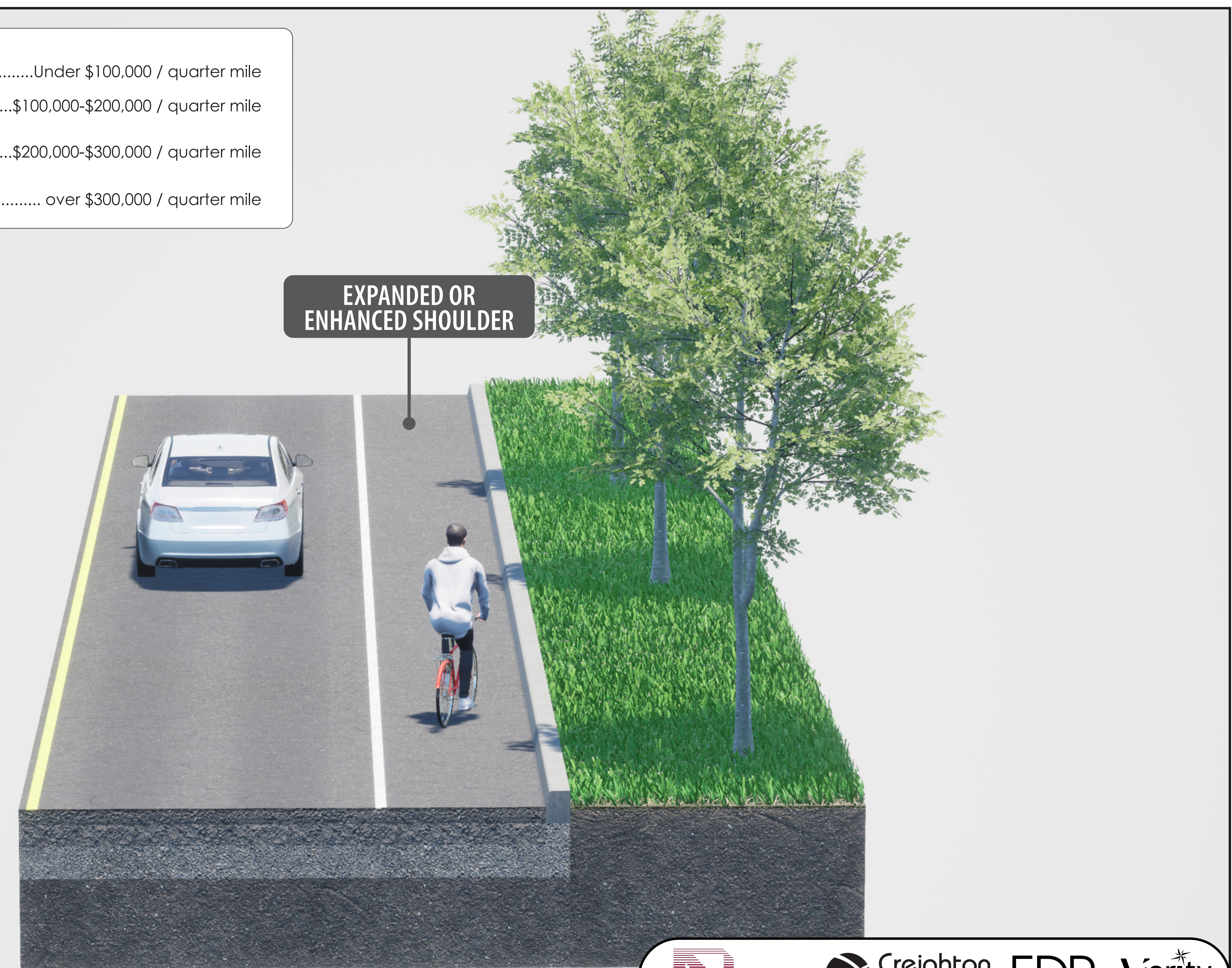
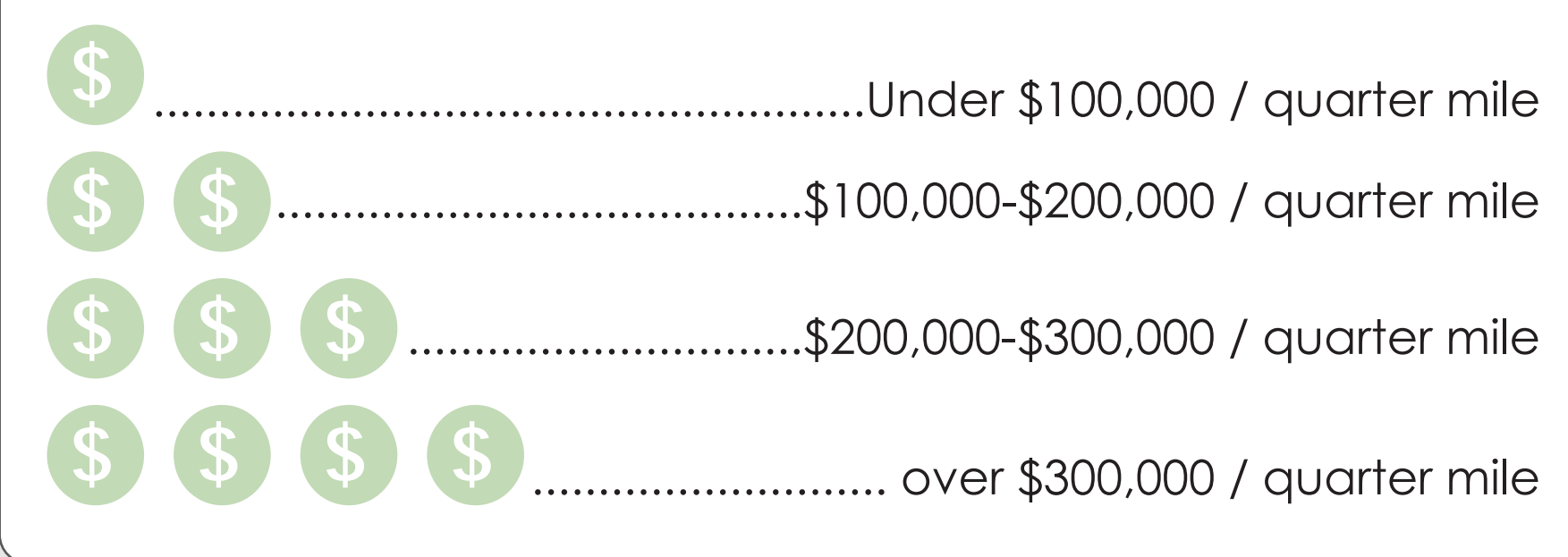
- Corridor A – Minoa Rd / Costello Pkwy
- Corridor F – Burdick Rd
- Corridor I – Rt. 5 / W Genesee St

EXPANSION: \$\$\$

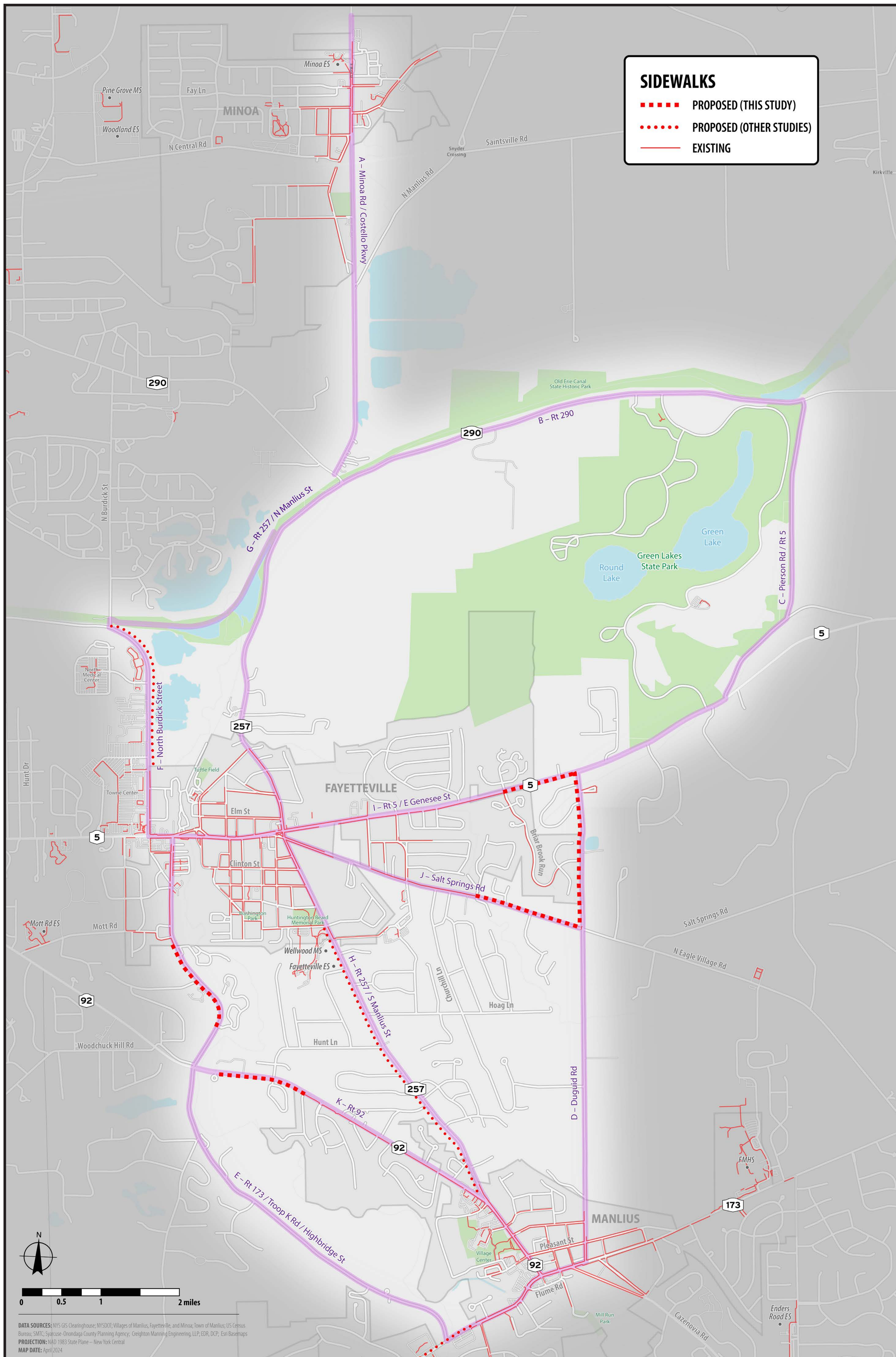
- Expand pavement to create wider shoulders

KEY AREAS:

- Corridor B – Rt. 290
- Corridor C – Pierson Rd / Rt. 5
- Corridor D – Duguid Rd
- Corridor E – Rt. 173 / Troop K Rd / Highbridge St



Sidewalk Improvements



CONCEPT: Install sidewalk

PRIMARY USE: Walking, can be used for younger/less experienced bikers

MATERIALS: Concrete, asphalt, curbing where needed

WIDTH: 5ft minimum

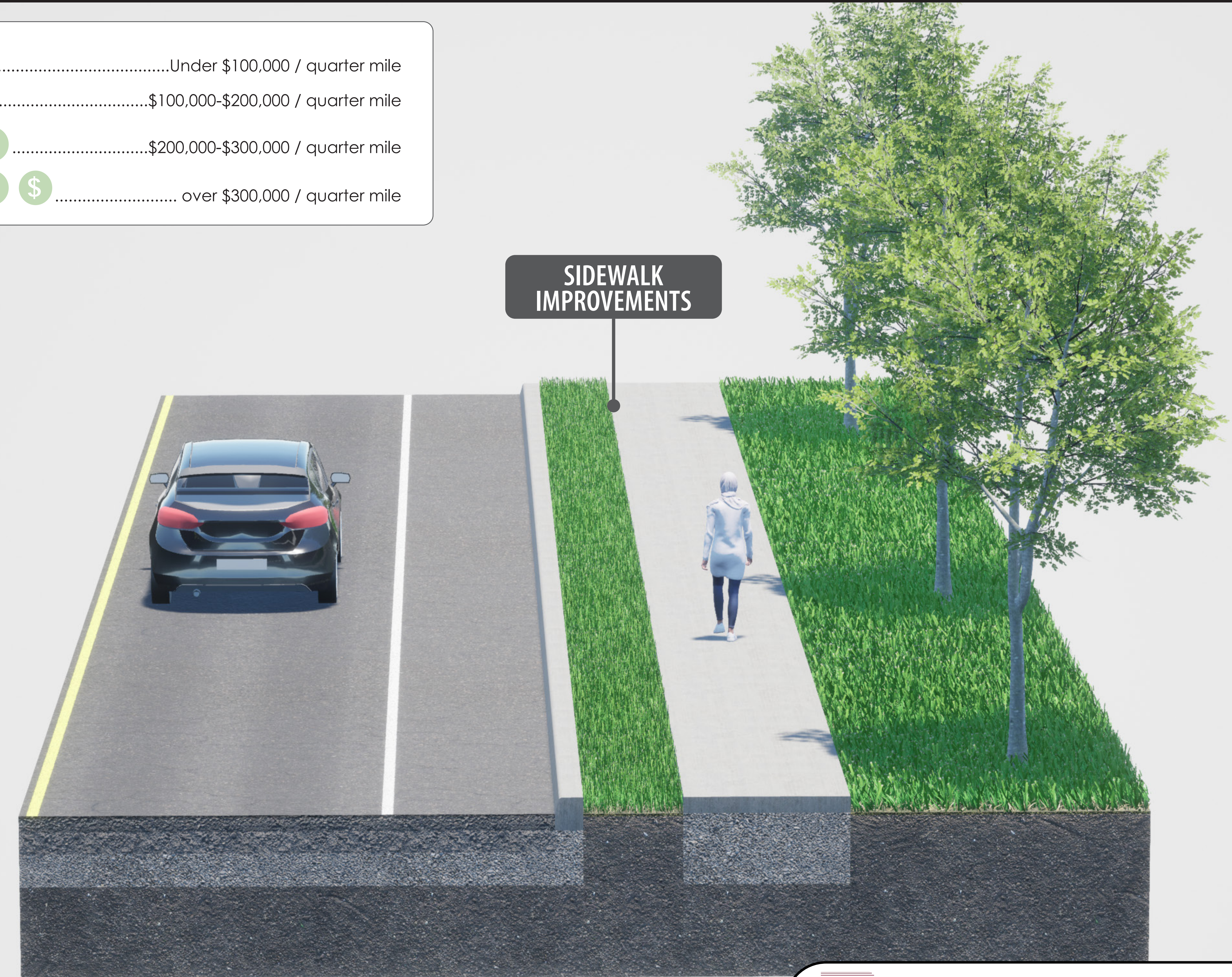
ENHANCEMENT: \$\$

- Adding new sidewalks or expanding upon existing sidewalk network
- Install landscaped or hardscaped maintenance strip where needed

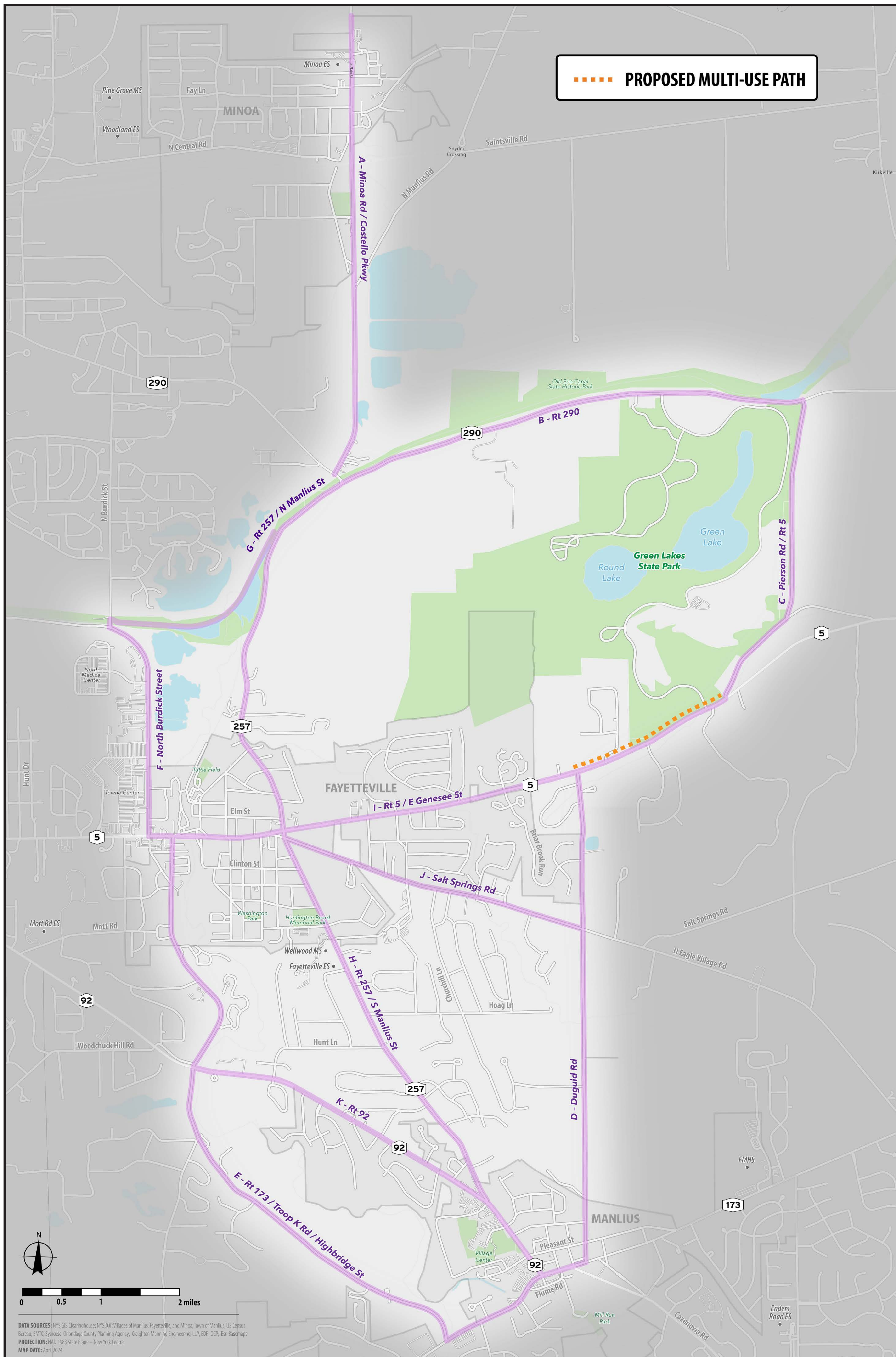
KEY AREAS:

- Corridor D – Duguid Rd
- Corridor E – Rt. 173 / Highbridge St
- Corridor F – Burdick Rd
- Corridor J – Salt Springs Rd
- Corridor K – Rt. 92

\$	.....	Under \$100,000 / quarter mile
\$ \$	.....	\$100,000-\$200,000 / quarter mile
\$ \$ \$	.....	\$200,000-\$300,000 / quarter mile
\$ \$ \$ \$	.....	over \$300,000 / quarter mile



Multi-Use Path Improvements



CONCEPT: Install multi-use path

PRIMARY USE: Walking, biking, rolling; bi-directional

MATERIALS: Concrete, asphalt, curbing where needed

WIDTH: 10ft minimum; 15ft preferred

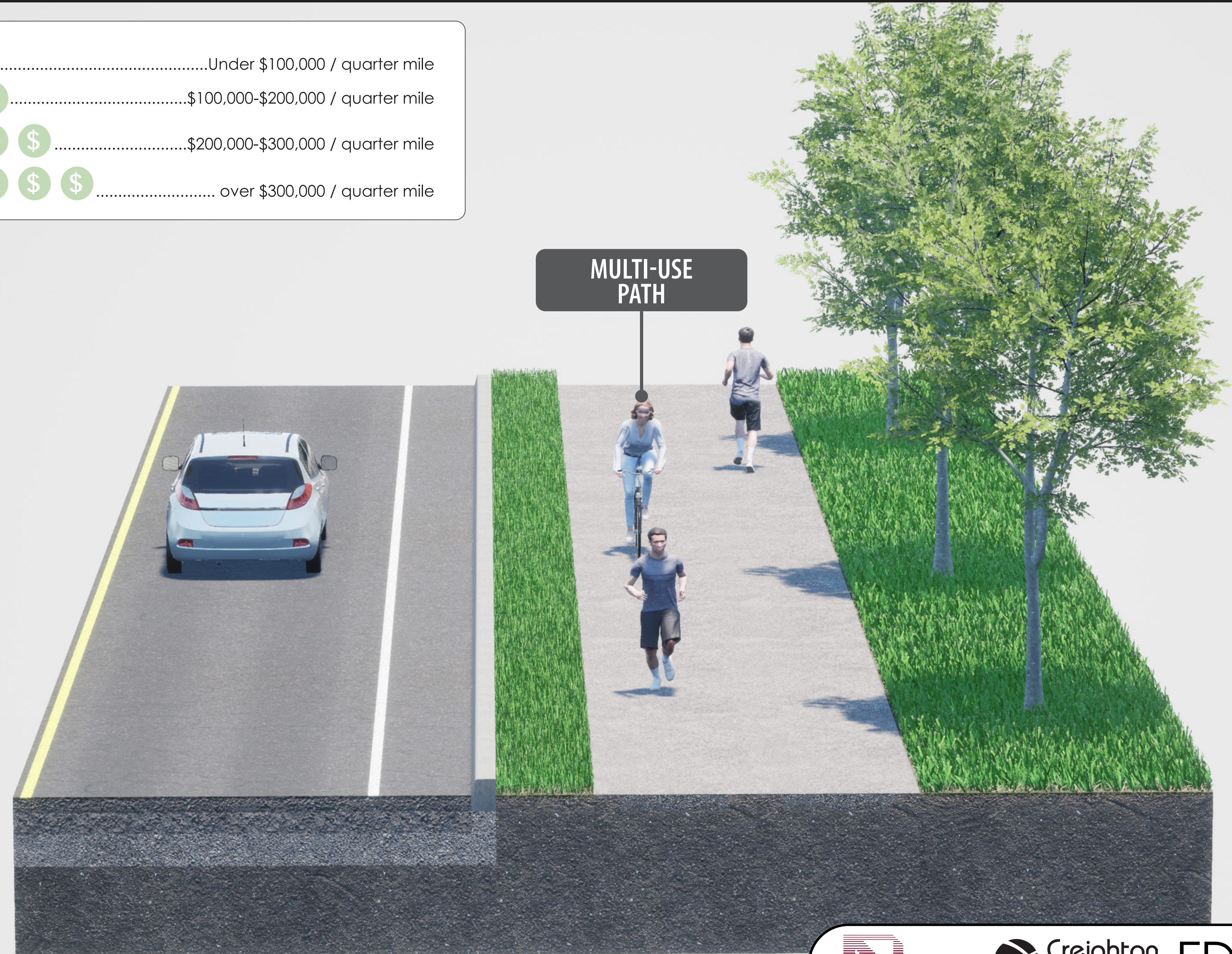
ENHANCEMENT: \$\$\$

- Separated path adjacent to roadway

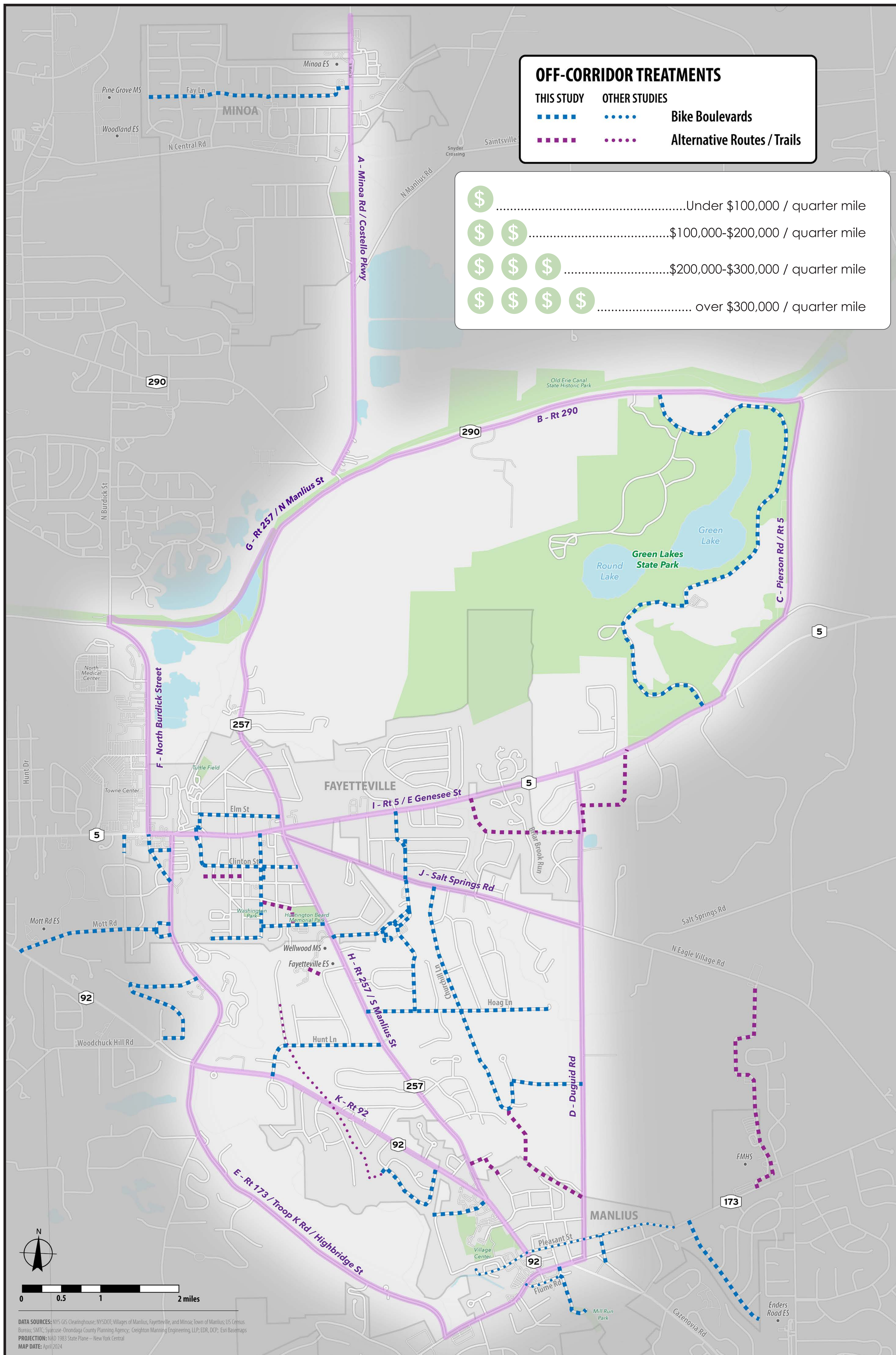
KEY AREAS:

- Corridor C – Rt. 5 (Duguid Rd to George Taylor Rd / Pierson Rd)

\$	.....	Under \$100,000 / quarter mile
\$ \$	.....	\$100,000-\$200,000 / quarter mile
\$ \$ \$	.....	\$200,000-\$300,000 / quarter mile
\$ \$ \$ \$	.....	over \$300,000 / quarter mile



Other Off-Corridor Treatments



BIKE BOULEVARDS \$

CONCEPT: Use signage and pavement markings—along with other traffic calming—to create a slow speed and low volume road good for bicyclists to use to connect to main routes

MATERIALS: Pavement markings; signs

KEY AREAS:

- Fay Lane
- Churchill Lane

ALT. TRAILS & LINKS \$\$\$\$

CONCEPT: The creation of neighborhood-scale trails or shorter, strategic links which allow for pedestrian connections to other trails, sidewalks, or destinations

MATERIALS: Varies

KEY AREAS:

- Ledyard Trail



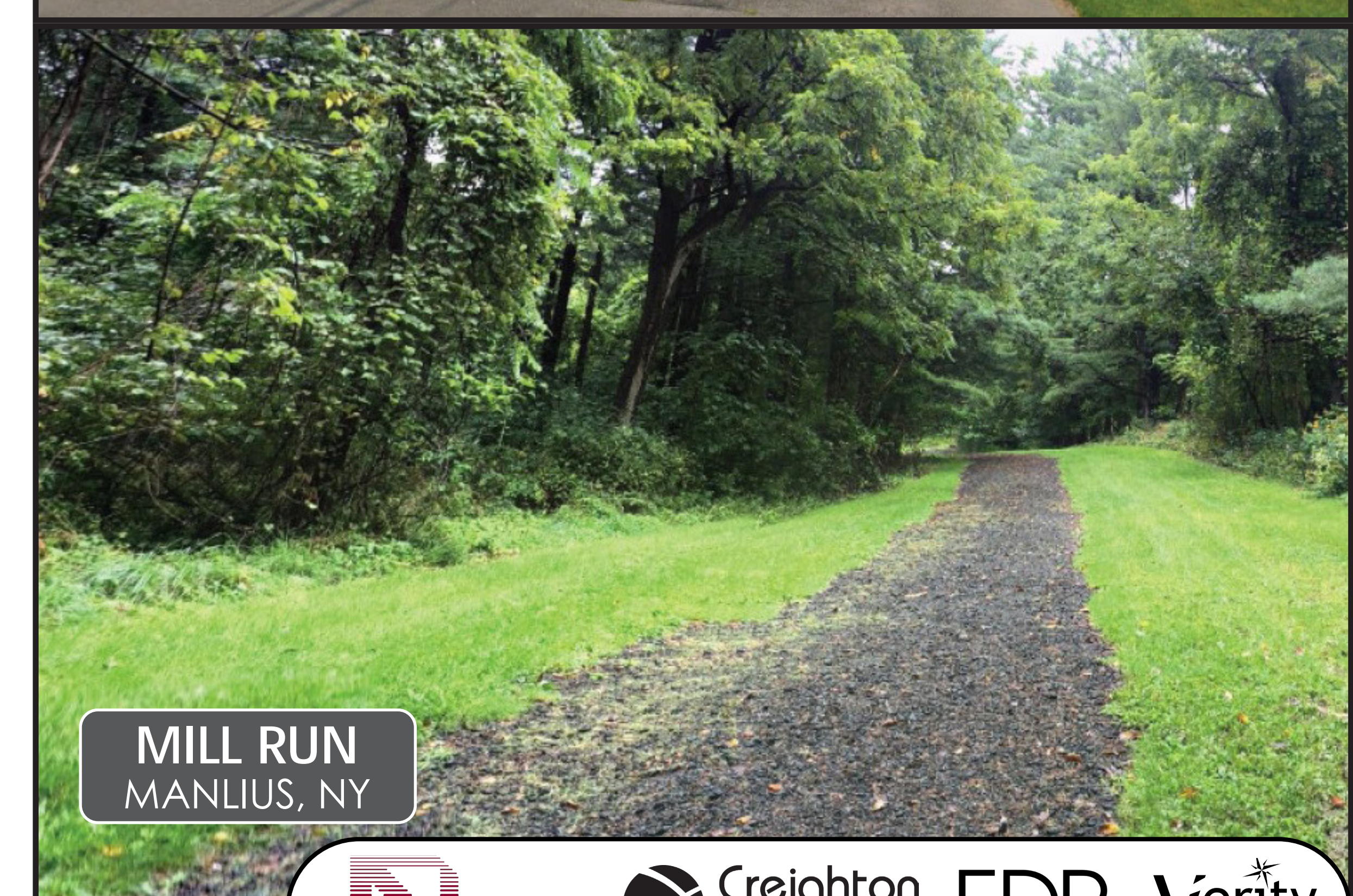
PORTLAND, OR



FAY LANE
MINOA, NY



MADISON, WI



MILL RUN
MANLIUS, NY

Existing Facilities & Proposed Improvement Ideas

EXISTING FACILITIES		PROPOSED FACILITIES	
		THIS STUDY	OTHER STUDIES
	Sidewalks		
	Empire State Trail		
	Other Trails		
	Connection Corridors		
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