

LCLCP TLCI

Public Meeting 3 - October 5, 2017



LORAIN COUNTY
LAKEFRONT
CONNECTIVITY PLAN



Meeting Agenda

- Introduction – Commissioner Lundy (~5 minutes)
- Community Input Results (~10 minutes)
- Recommended Transportation Alternatives (~25 minutes)
- Recommended Site Plans (~25 minutes)
- Next Steps (~3 minutes)
- “If I had a million dollars” Voting Exercise



TLCI PROGRAM OVERVIEW

NOACA's TLCI planning program is a competitive grant program that funds activities that specifically facilitate and promote sustainable development, multimodal transportation, and complete and green streets.

This is a planning program.

cannot fund activities such as:

- Preliminary Engineering and Design
- Right-of-Way Acquisition
- Construction



NOACA's TLCI Goals

(Transportation for Livable Communities Initiative)

- Develop **transportation projects** that provide more **travel options** through **complete streets** and **context sensitive solutions**, increasing **user safety** and supporting **positive public health impacts**
- Promote reinvestment in **underutilized** or vacant/abandoned properties through development concepts supported by **multi-modal transportation** systems
- Support **economic development** through **place-based** transportation and land use recommendations, and **connect** these proposals with existing assets and investments
- Integrate **accessibility** and **environmental justice** into preferred recommendations
- Complement existing plans and proposed initiatives, and encourage **collaboration** between **regional and community partners**
- **Engage citizens** and **communities** through **innovative public engagement** and **inclusive planning**

PROJECT MISSION/GOALS

- Increase Economic Activities along the Lakefront Communities and Lorain County
- Improve the health of residents, employees and visitors to the area
- Connect non-lakefront communities in Lorain County to the waterfront
- Improve the environmental impacts associated with various forms of transportation and development
- Reducing air pollution caused by vehicle traffic and reducing water pollution in Lake Erie caused by storm water runoff

PROJECT SCHEDULE

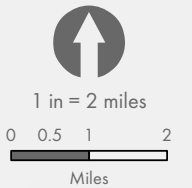
Current

- ✓ Client Kick-Off Meeting
- ✓ Existing Data Collection
- ✓ Existing Conditions Base Mapping
- ✓ Economic Development Community Interviews
- ✓ Stakeholder Meeting #1
- ✓ Existing Conditions Analysis
- ✓ Public Meetings 1a & 1b
- ✓ Redevelopment Site Assessment & Inventory
- ✓ Conceptual Redevelopment Site Plans
- ✓ Stakeholder Meeting #2
- ✓ Public Meetings 2a & 2b
- ✓ Conceptual Alignment Plan
- ✓ Final Redevelopment Site Plans
- ✓ Public Meeting #3 (today!)

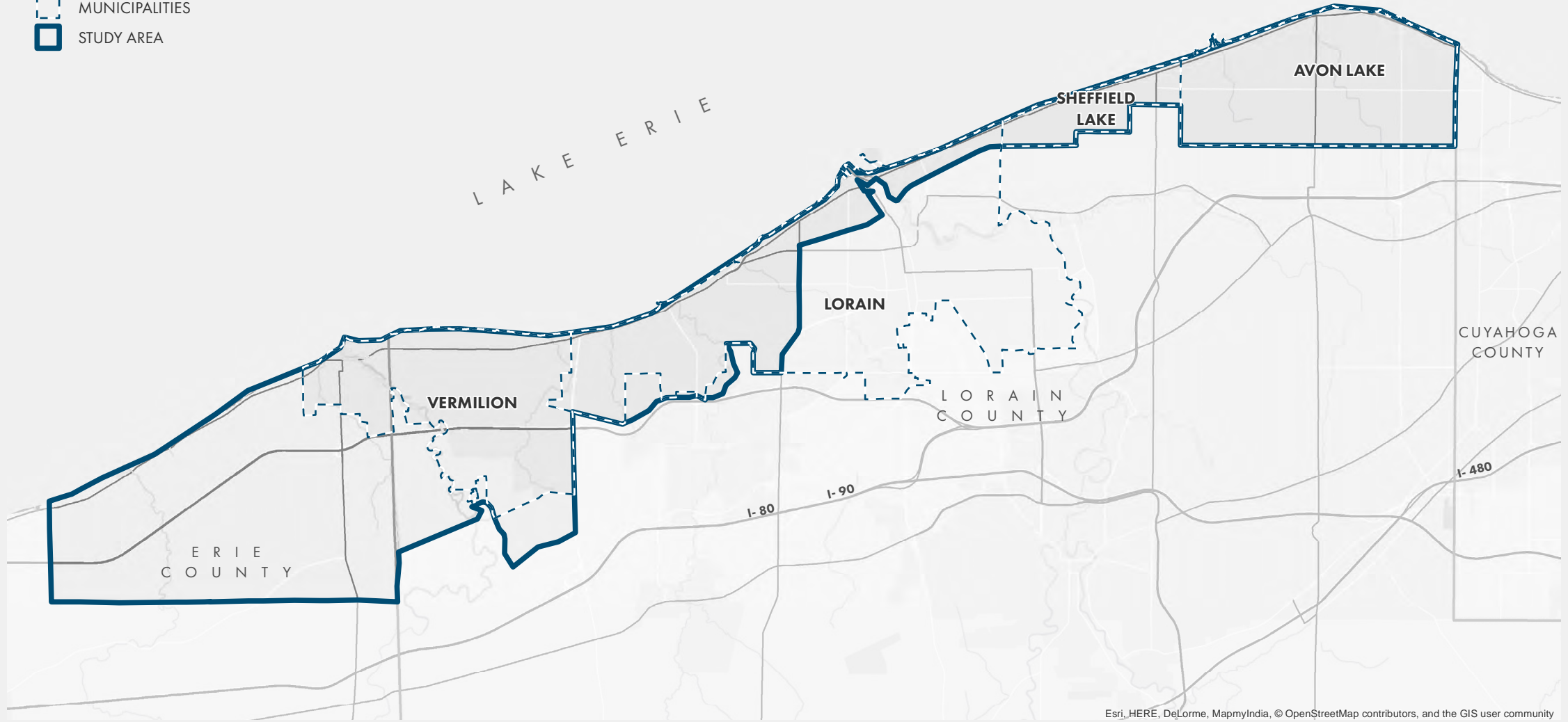
Next Steps

- Implementation/Phasing
- Final Master Plan/Report

TLCI STUDY AREA

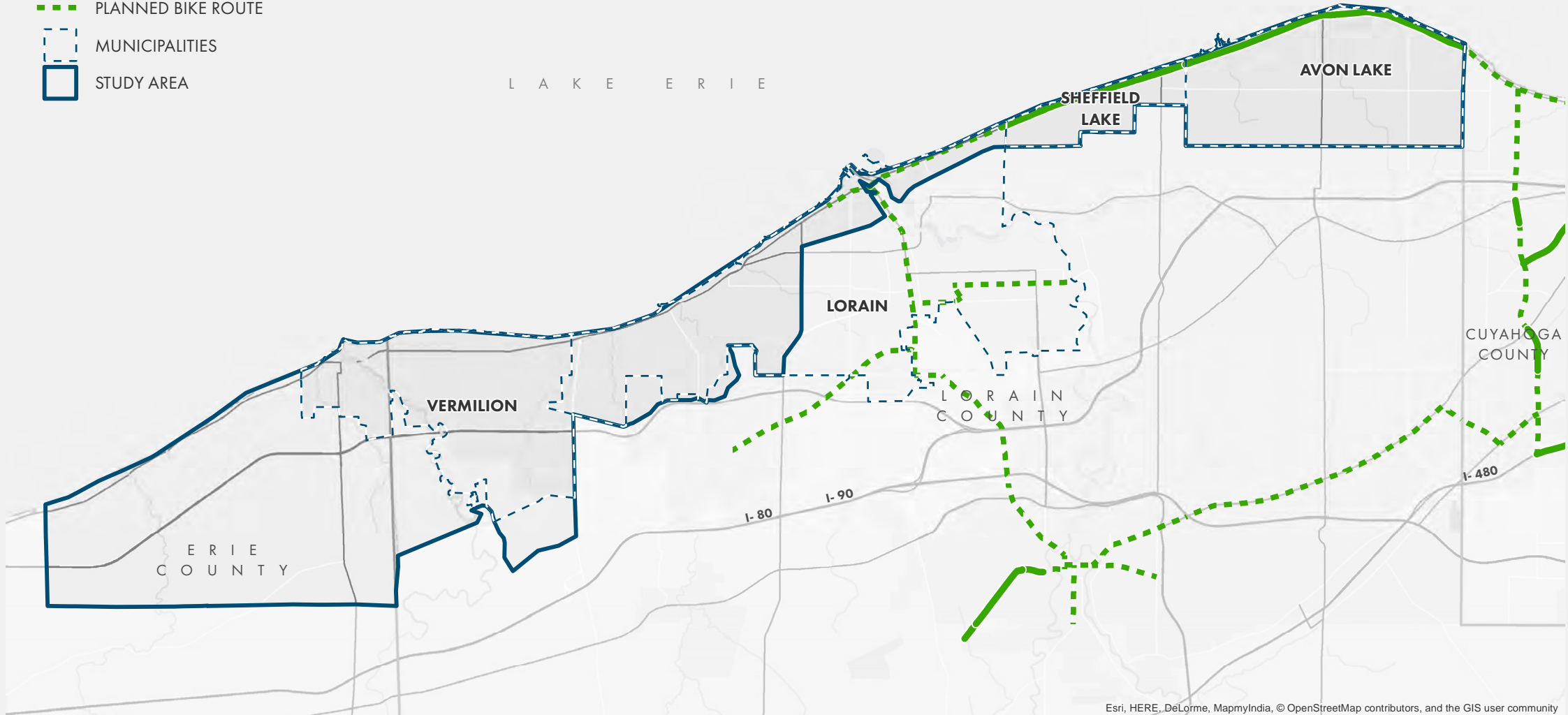
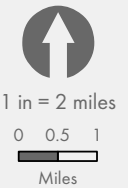


- MUNICIPALITIES
- STUDY AREA



BIKE NETWORK

- EXISTING BIKE ROUTE (NOACA)
- PLANNED BIKE ROUTE
- MUNICIPALITIES
- STUDY AREA



CORRIDOR RIGHT-OF-WAY ANALYSIS

LANE CONFIGURATION AND PINCH POINTS

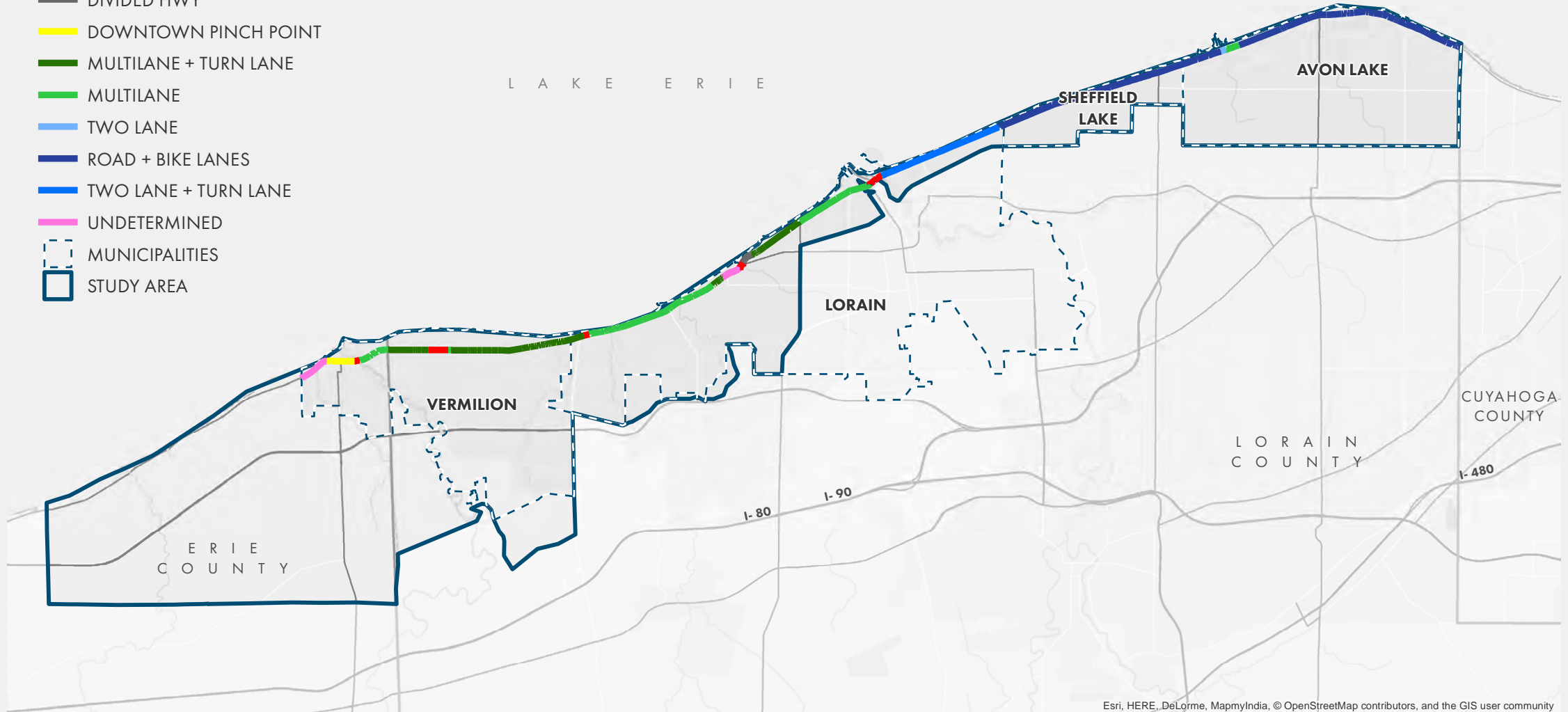


1 in = 2 miles

0 0.5 1

Miles

- BRIDGE PINCHPOINT
- DIVIDED HWY
- DOWNTOWN PINCH POINT
- MULTILANE + TURN LANE
- MULTILANE
- TWO LANE
- ROAD + BIKE LANES
- TWO LANE + TURN LANE
- UNDETERMINED
- MUNICIPALITIES
- STUDY AREA



COMMUNITY INPUT



LORAIN COUNTY
LAKEFRONT
CONNECTIVITY PLAN



LORAIN COUNTY LAKEFRONT CONNECTIVITY PLAN

OPPORTUNITIES AND/OR CHALLENGES



SAFETY



PRIVATE PROPERTY



PUBLIC LAKEFRONT ACCESS



PUBLIC LAKEFRONT VIEWS



FUNDING & IMPLEMENTATION



ACCESS TO RETAIL/RESTAURANT DESTINATIONS



ACCESS TO PUBLIC DESTINATIONS (PARKS, LIBRARIES, SCHOOLS, TRAILS, ETC...)



ACCESS TO PUBLIC TRANSIT



LORAIN COUNTY LAKEFRONT CONNECTIVITY PLAN

OPPORTUNITIES AND/OR CHALLENGES



SAFETY



PRIVATE PROPERTY



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PUBLIC LAKEFRONT VIEWS



FUNDING & IMPLEMENTATION



ACCESS TO RETAIL/RESTAURANT DESTINATIONS



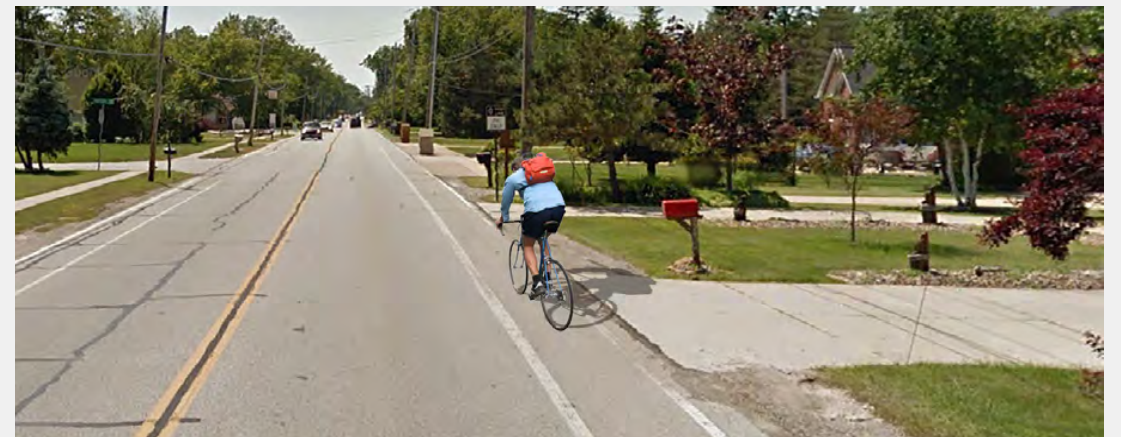
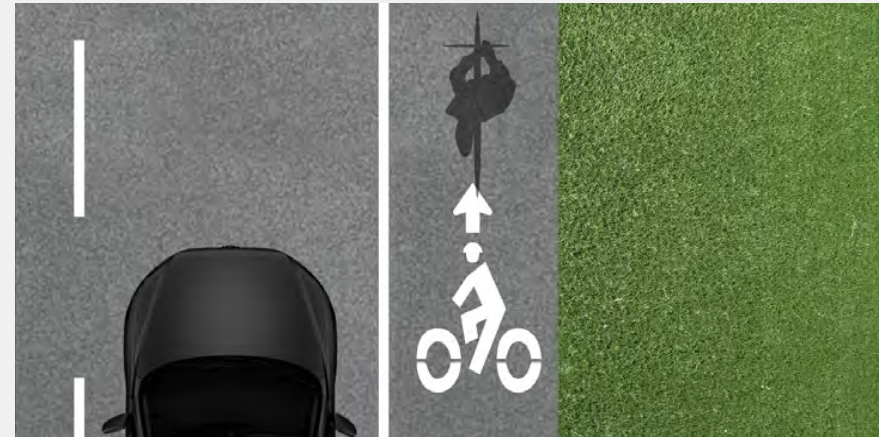
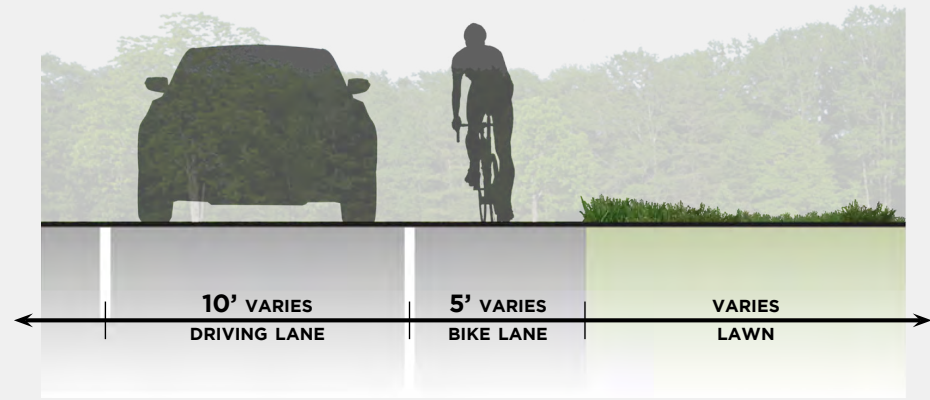
ACCESS TO PUBLIC DESTINATIONS (PARKS, LIBRARIES, SCHOOLS, TRAILS, ETC...)



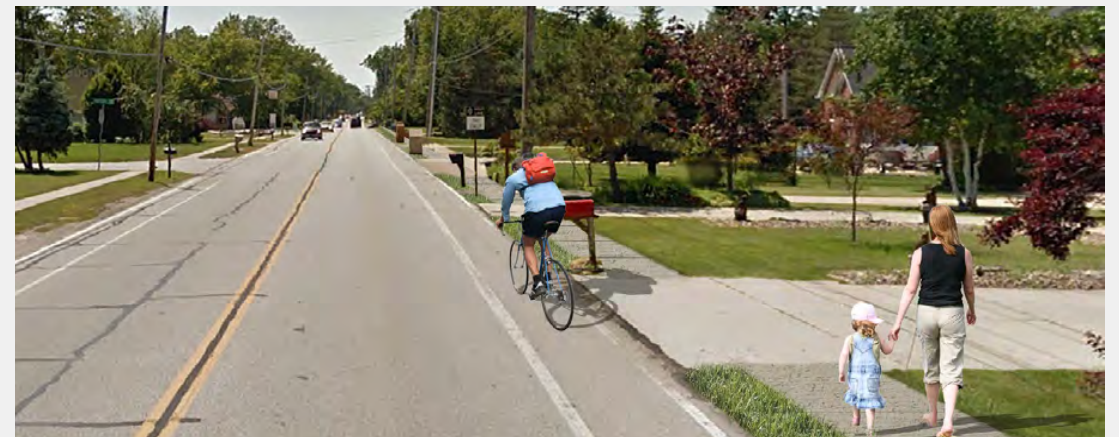
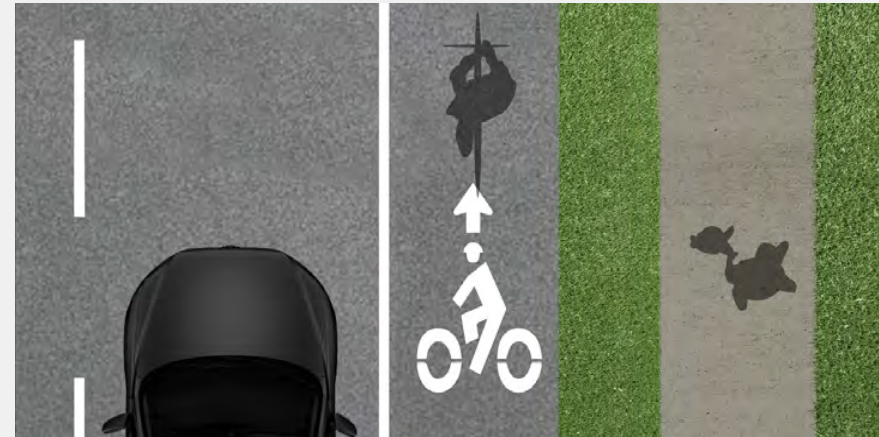
ACCESS TO PUBLIC TRANSIT



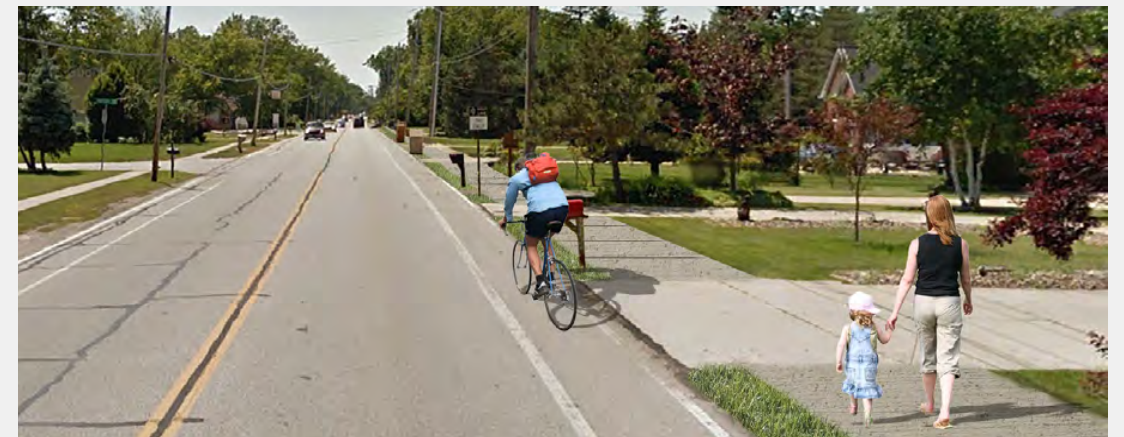
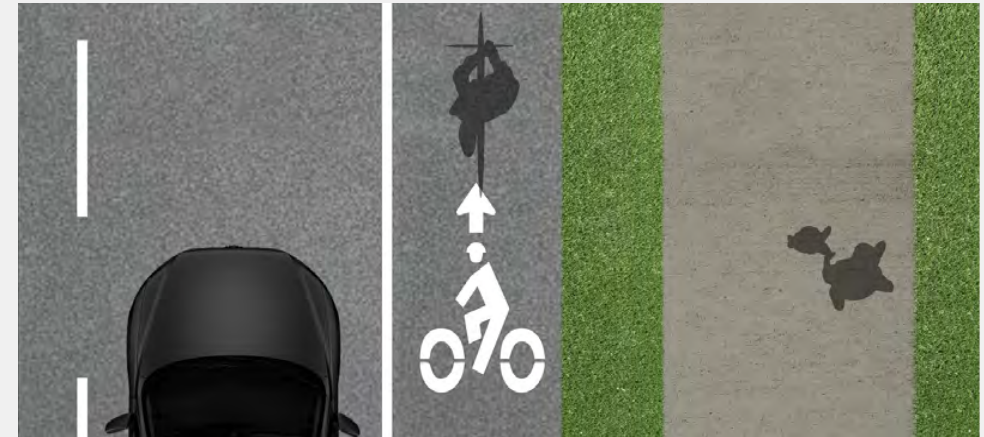
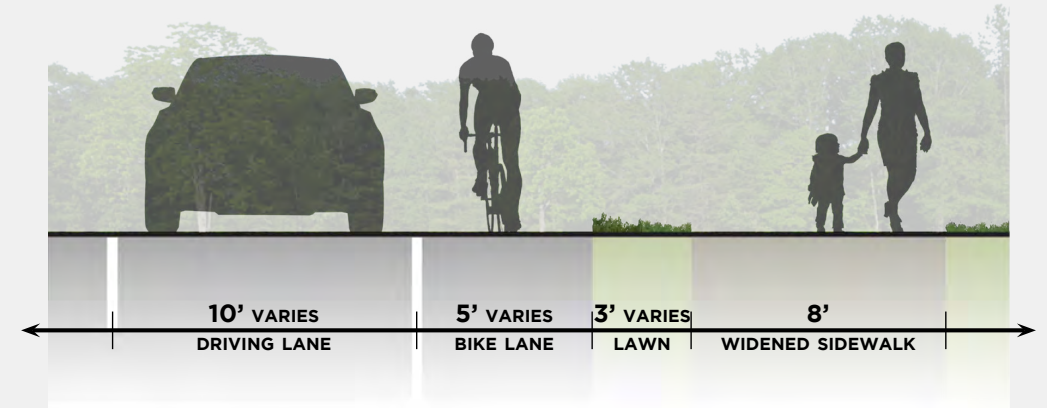
EXISTING: BIKE LANE (VARIES)



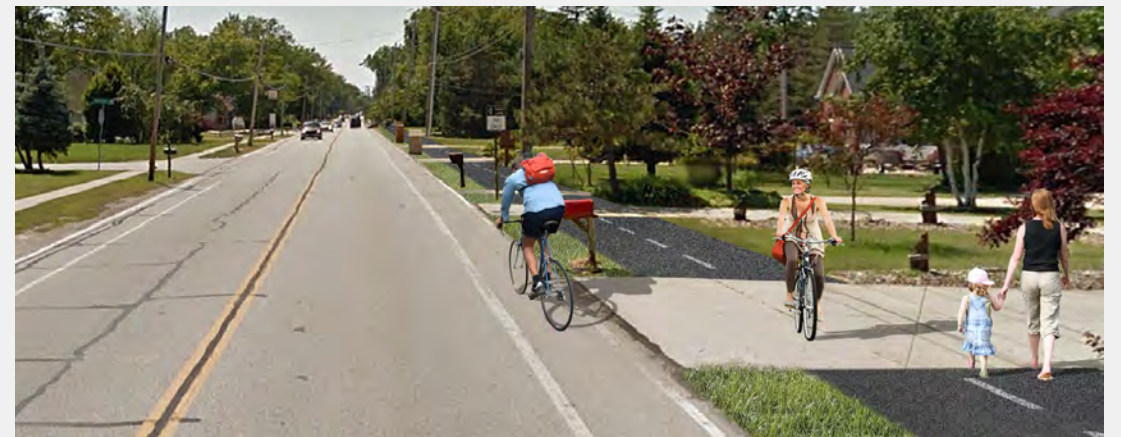
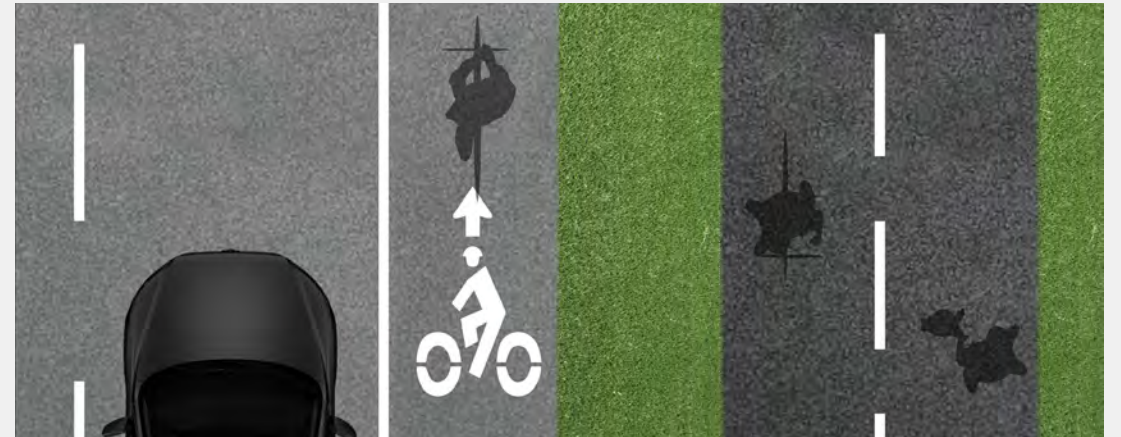
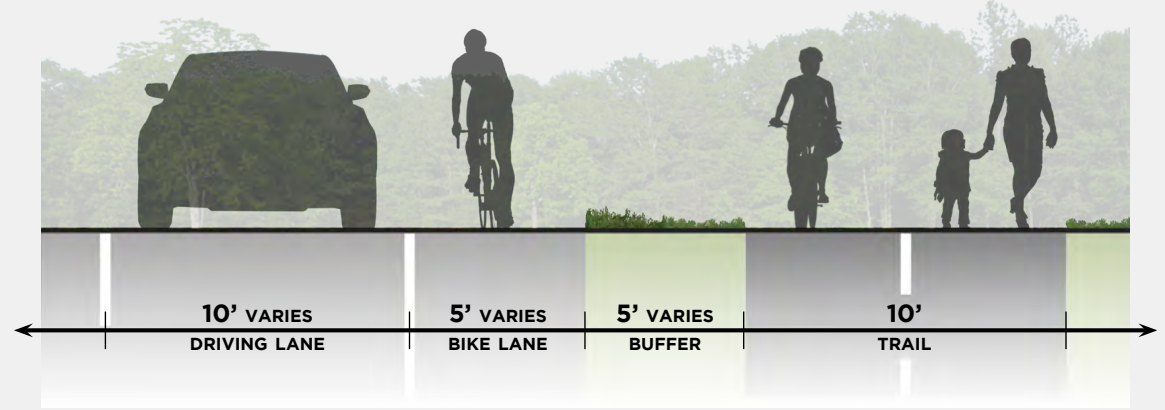
BIKE LANE AND 5' SIDEWALK



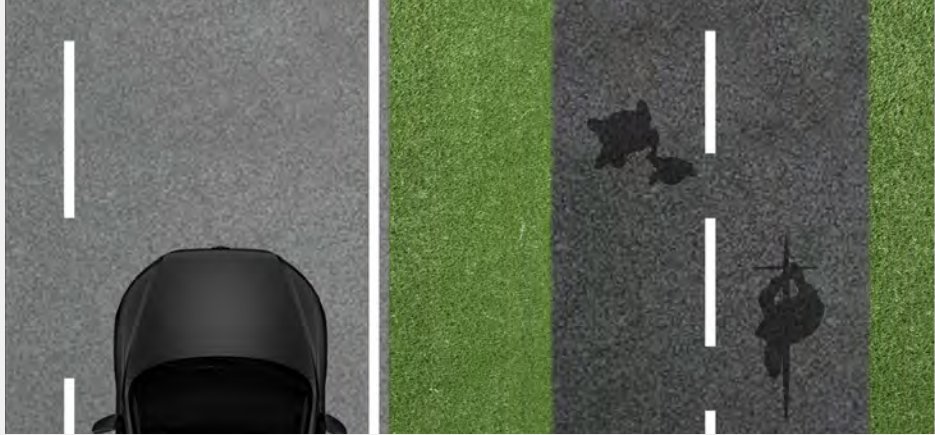
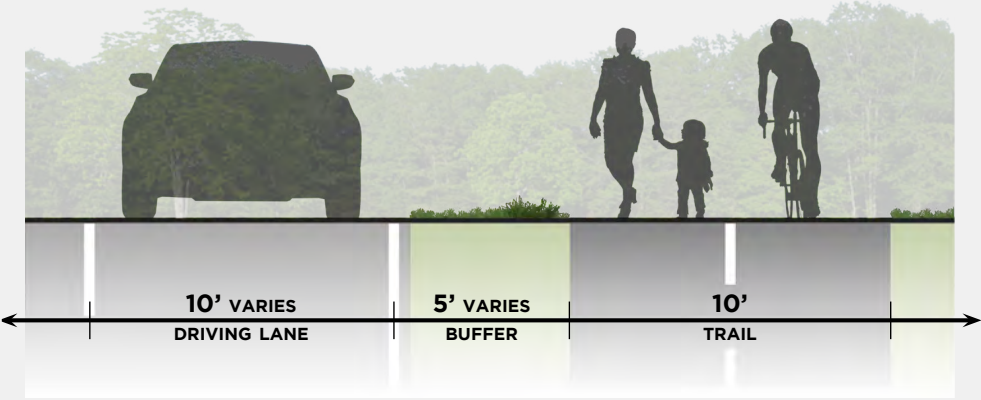
BIKE LANE AND 8' WIDENED SIDEWALK



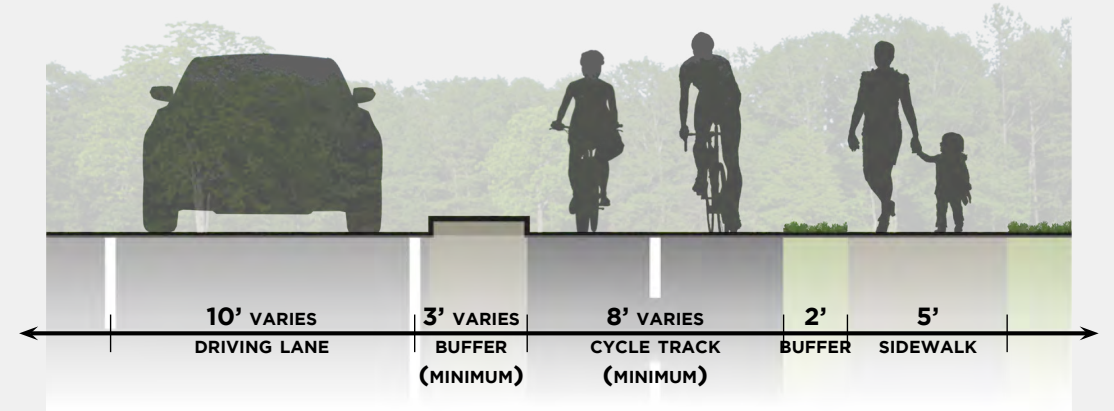
BIKE LANE AND 10' TRAIL













10' TRAIL













8' CYCLE TRACK AND 5' SIDEWALK



TRANSPORTATION ALTERNATIVES RED DOT / GREEN DOT VOTE TOTALS

	STAKEHOLDER 2		PUBLIC 2-A		PUBLIC 2-B		TOTAL		%	
										
EXISTING (BIKE LANE)	12	1	14	0	3	10	29	11	73%	28%
BIKE LANE + 5' SIDEWALK	1	15	4	3	2	5	7	23	23%	77%
BIKE LANE + 8' SIDEWALK	1	6	1	14	3	5	5	25	17%	83%
BIKE LANE + 10' TRAIL	0	8	1	10	11	1	12	19	39%	61%
10' TRAIL	5	6	0	10	1	5	6	21	22%	78%
8' CYCLE TRACK + 5' SIDEWALK	17	0	16	0	10	2	43	2	96%	4%

TRANSPORTATION ALTERNATIVES RED DOT / GREEN DOT VOTE TOTALS

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8' CYCLE TRACK + 5' SIDEWALK	17	0	16	0	10	2	43	2	96%	4%

BIKE LANES
+ WIDENED SIDEWALK /
TRAIL

88

79%

TRAIL / CYCLE TRACK
+ SIDEWALK
(NO BIKE LANES)

23

21%

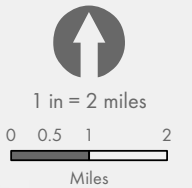
TRANSPORTATION ALTERNATIVES



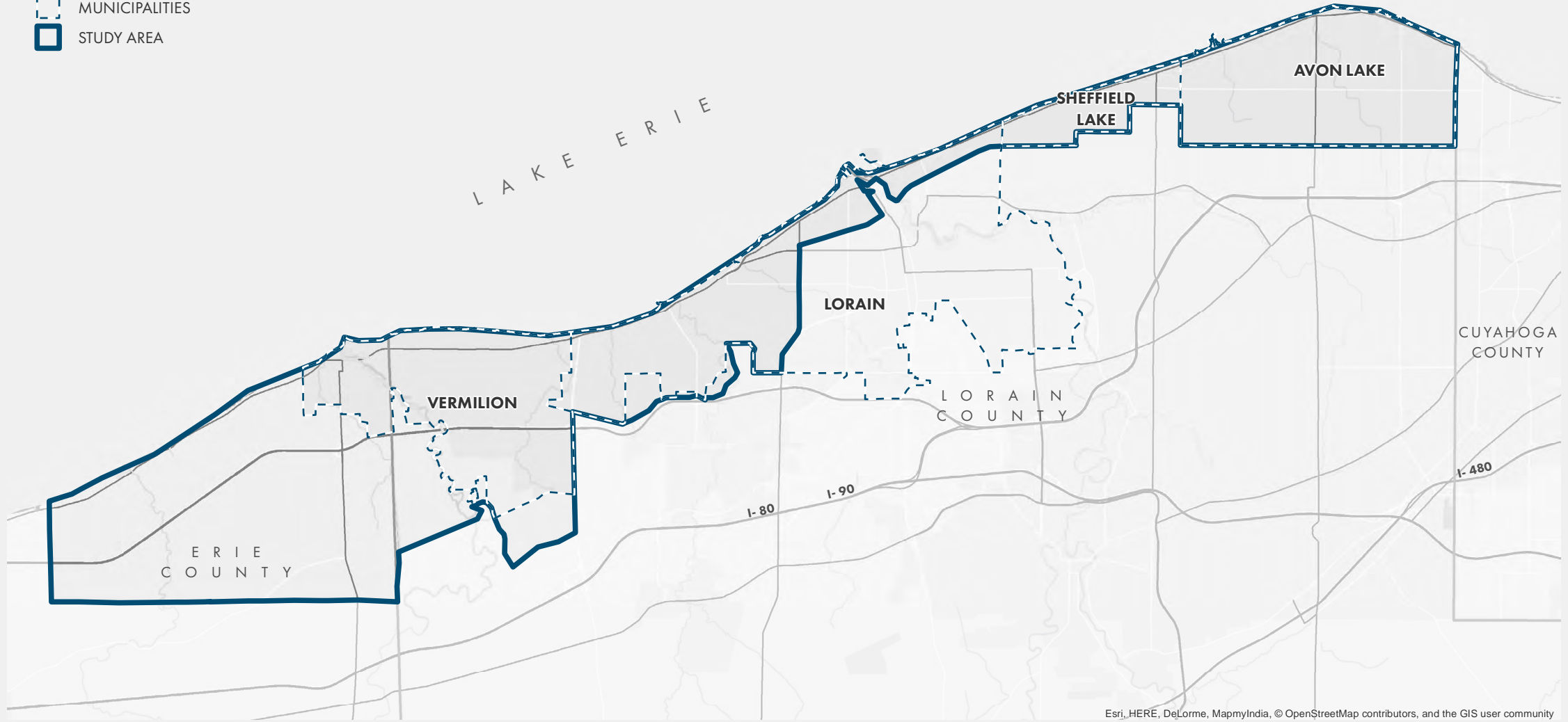
LORAIN COUNTY
LAKEFRONT
CONNECTIVITY PLAN



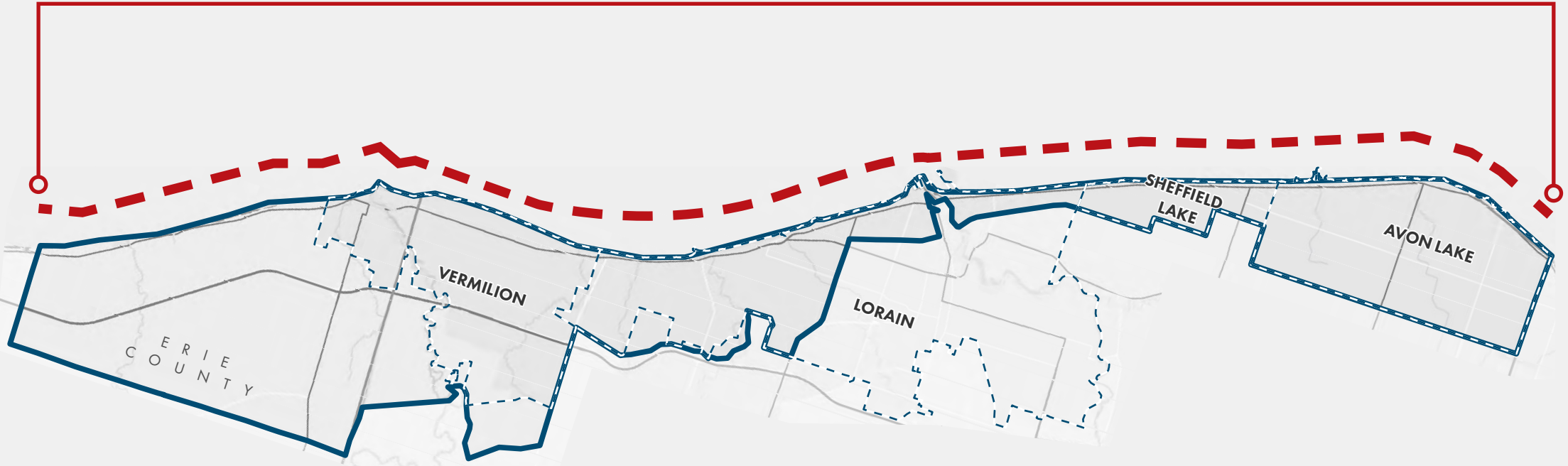
TLCI STUDY AREA



- MUNICIPALITIES
- STUDY AREA

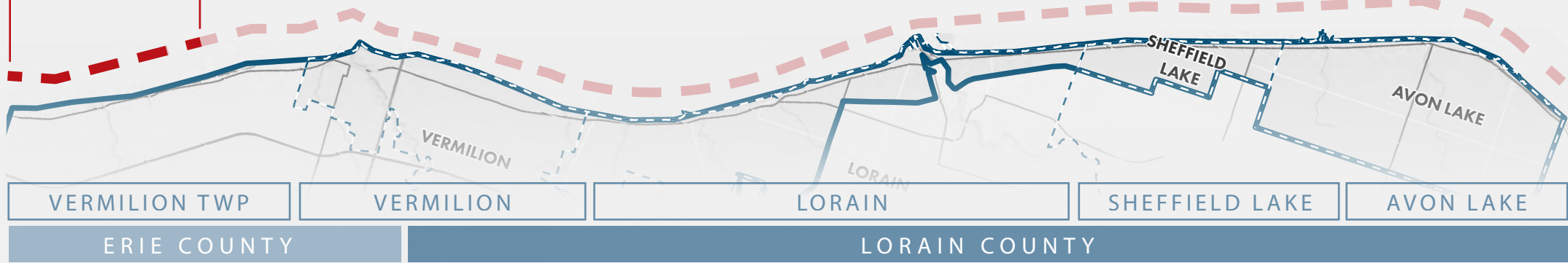
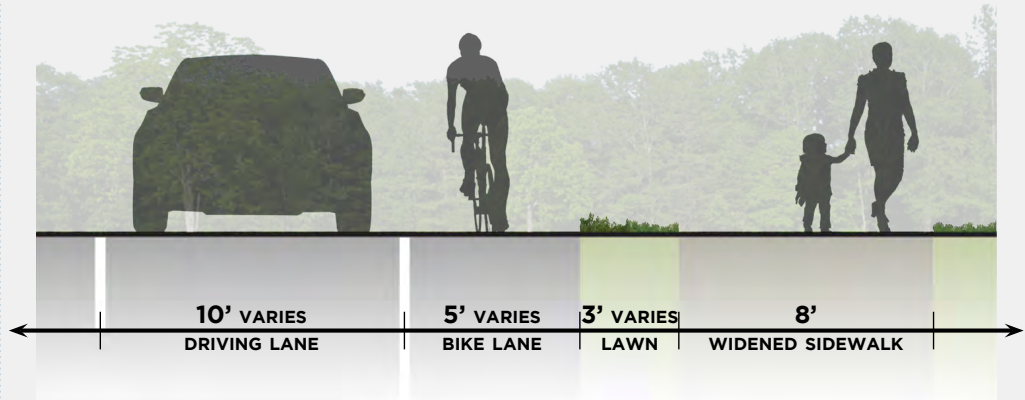


VERMILION TWP	VERMILION	LORAIN	SHEFFIELD LAKE	AVON LAKE
ERIE COUNTY		LORAIN COUNTY		



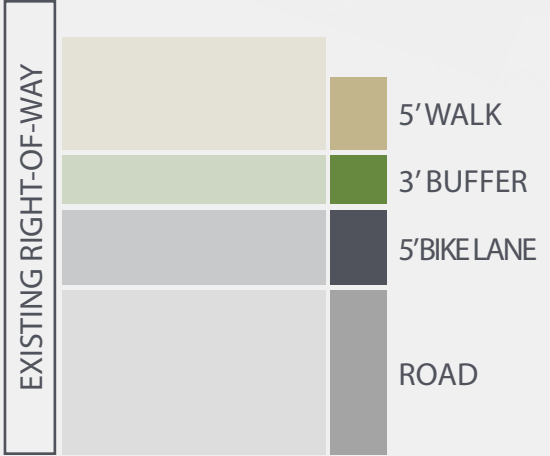
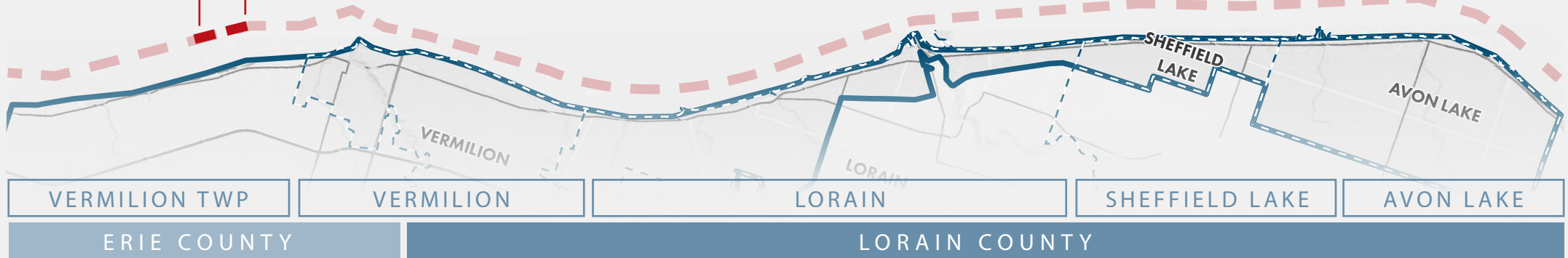
*ALL RECOMMENDATIONS WITHIN THE EXISTING ROW

REYNOLDS RD
BARNES RD



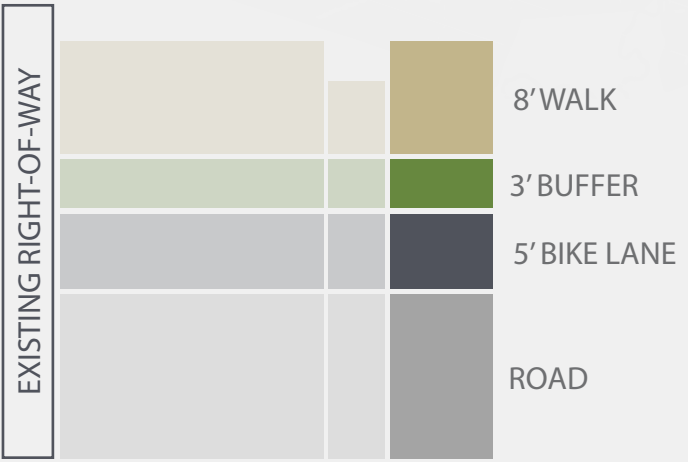
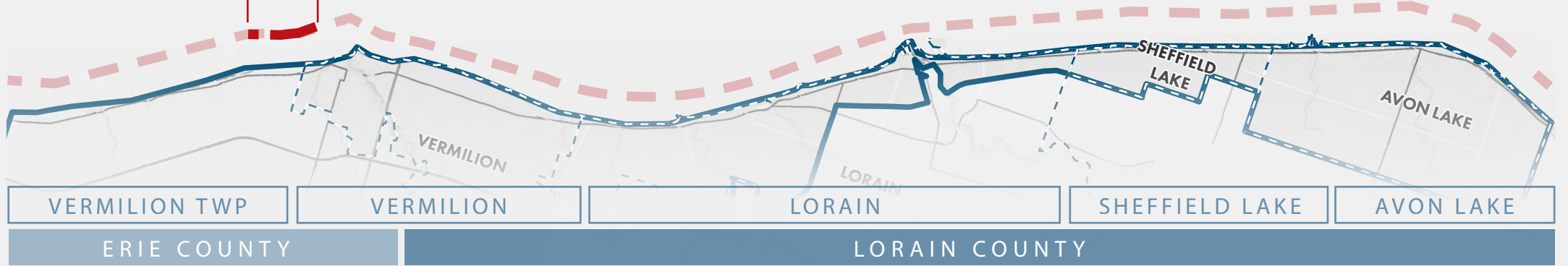
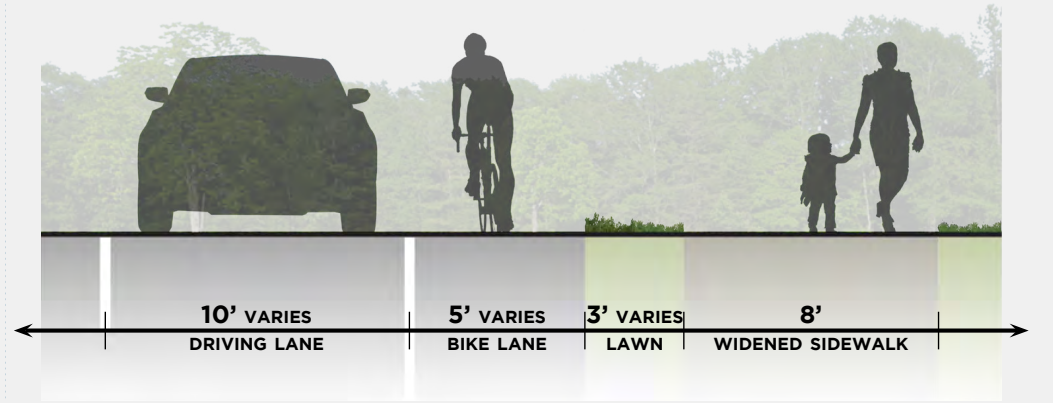
3 mi.

BARNES RD
VERMILION
COUNTRY CLUB

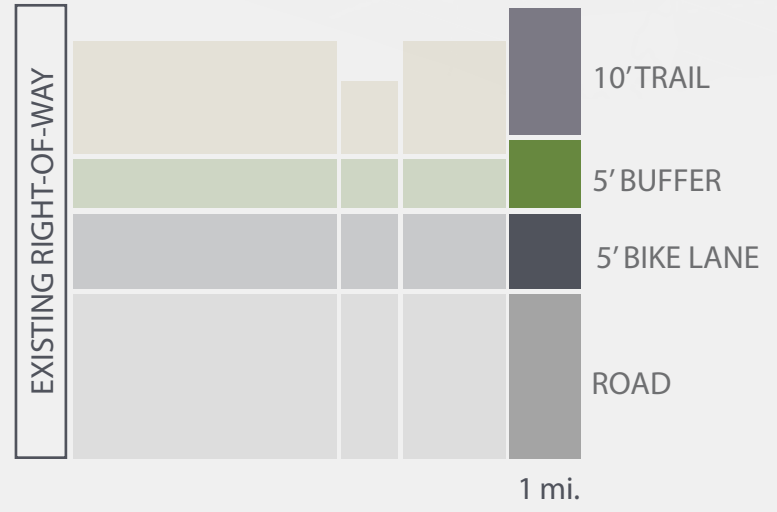
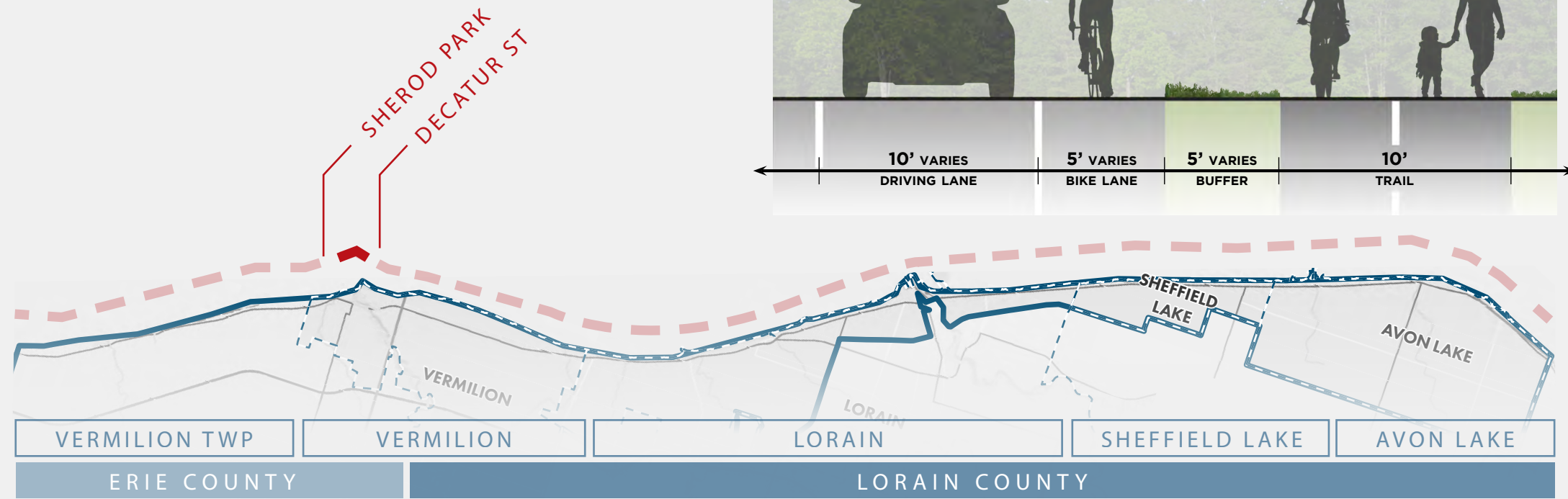
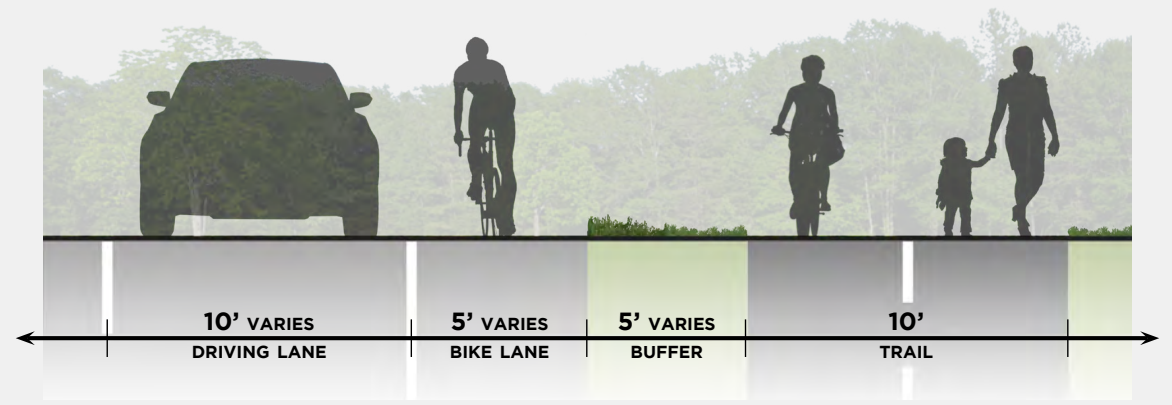


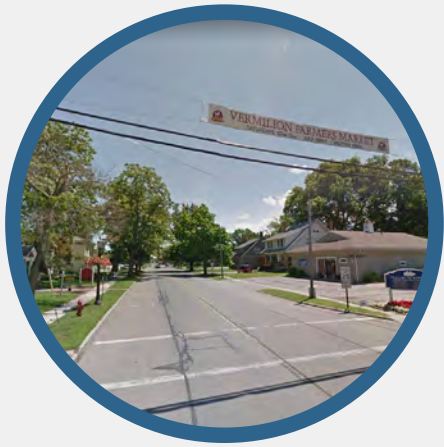
.6 mi.

VERMILION COUNTRY CLUB
SHEROD PARK

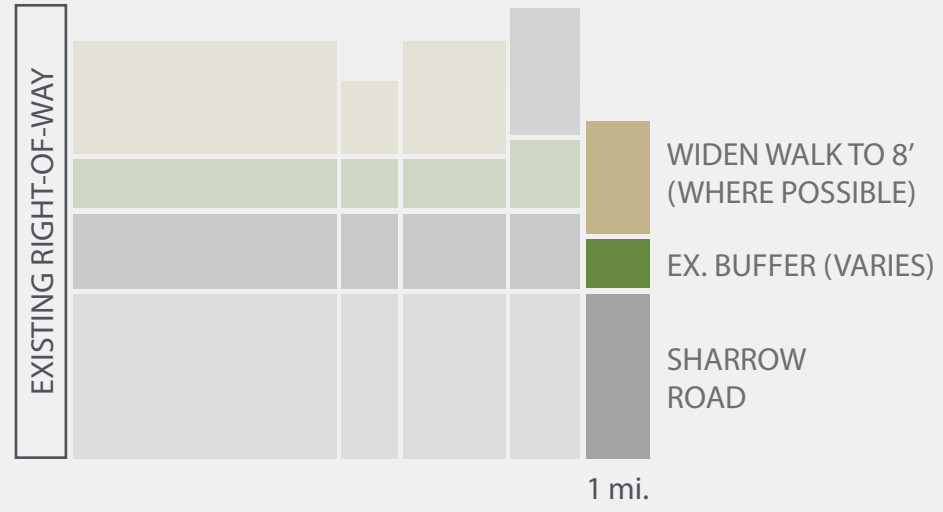
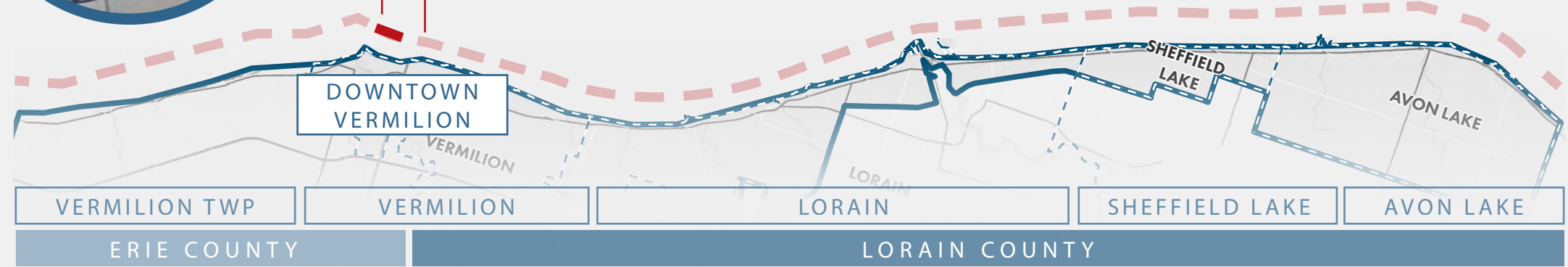
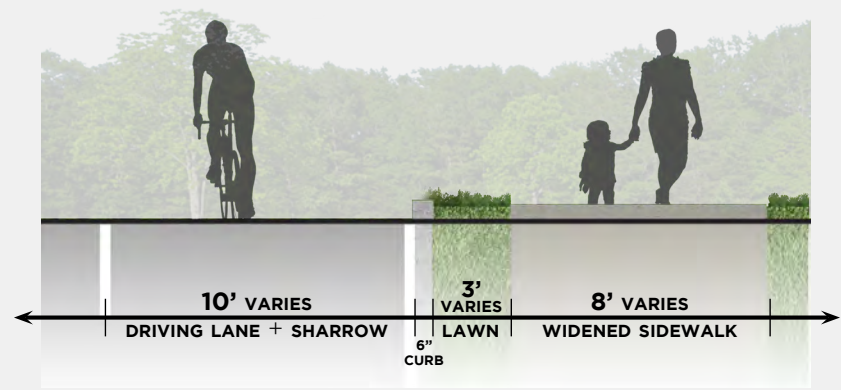


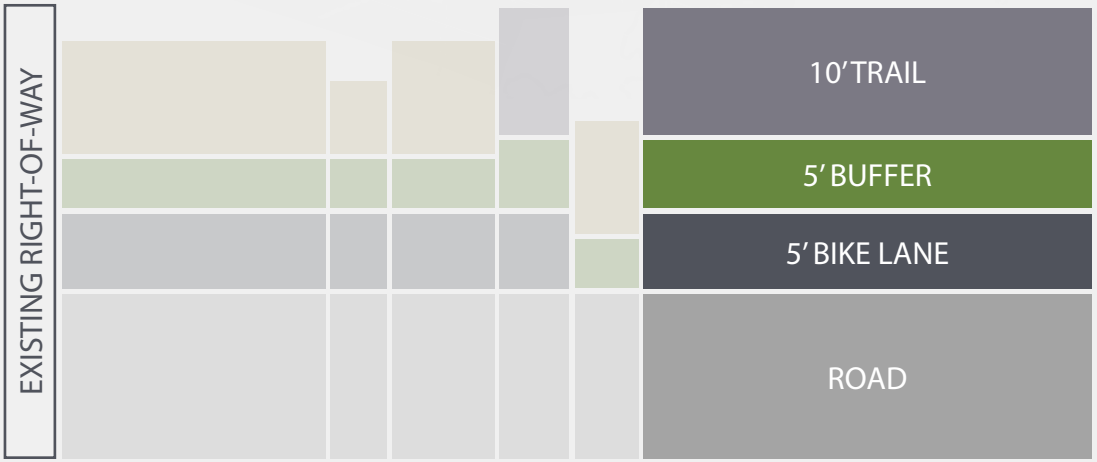
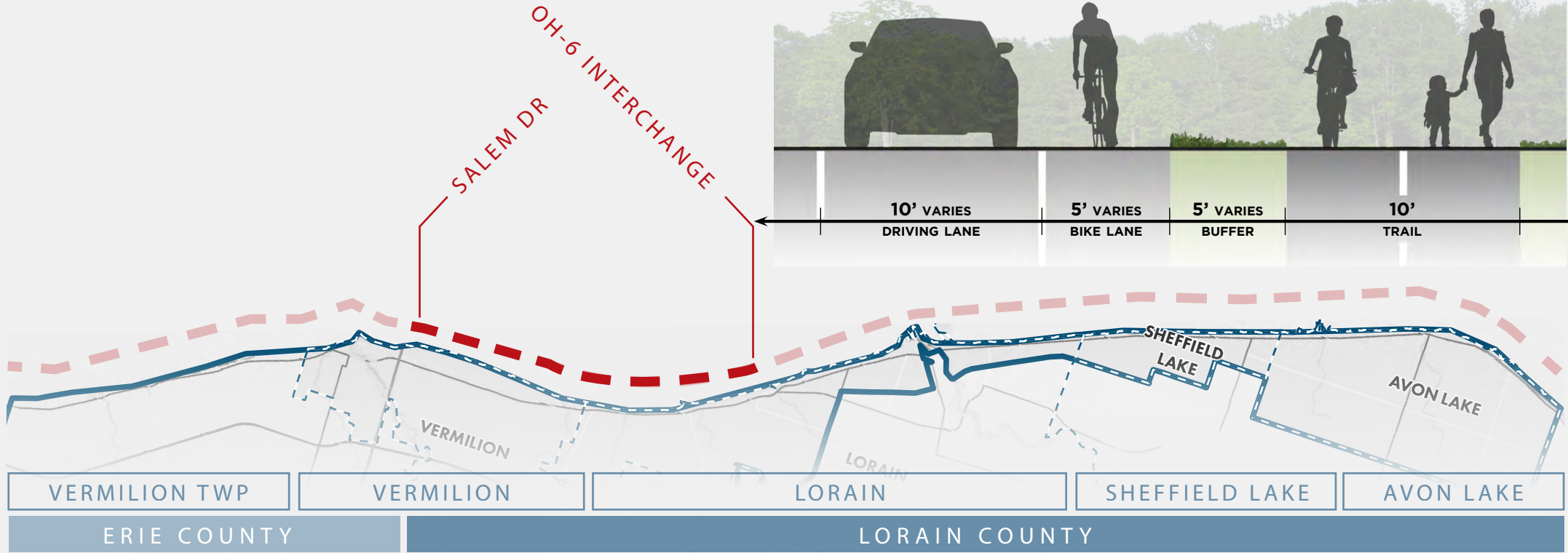
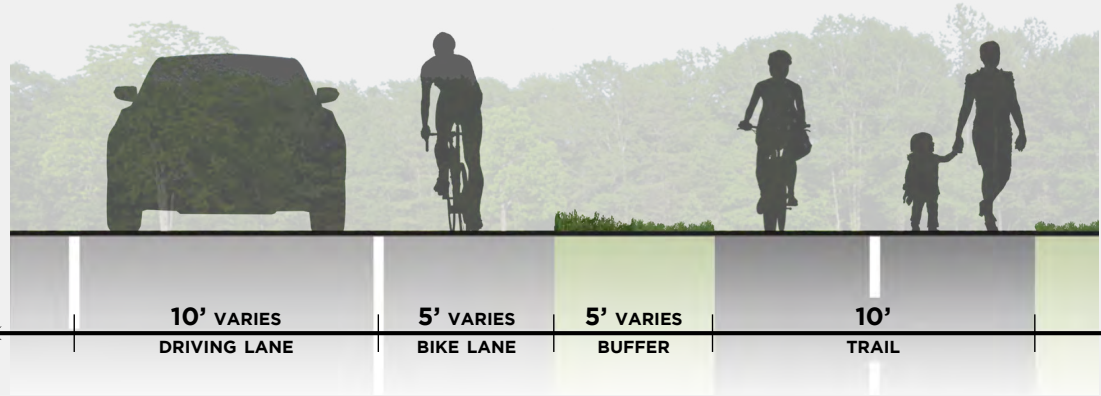
1.2 mi.





DECATUR ST
SALEM DR

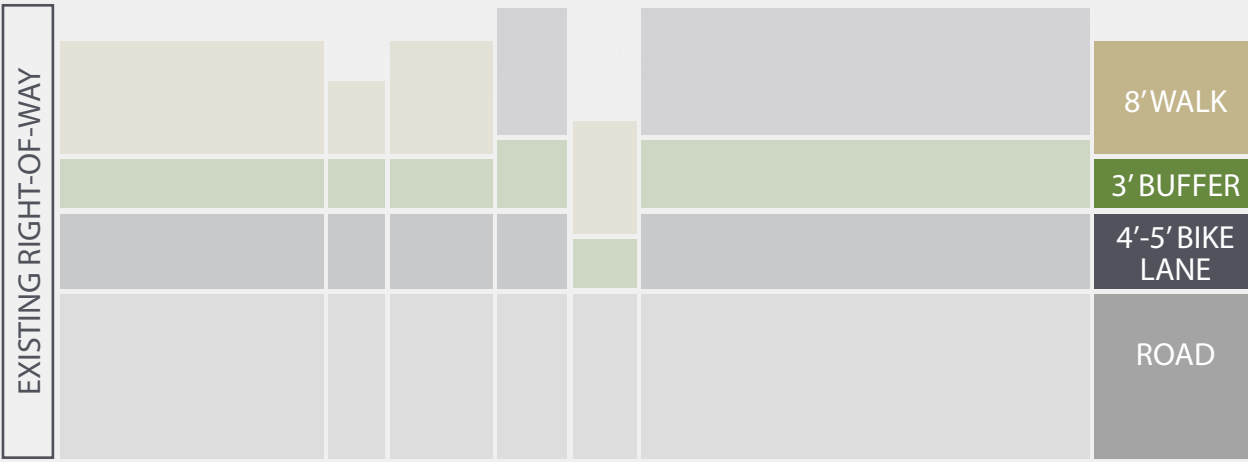
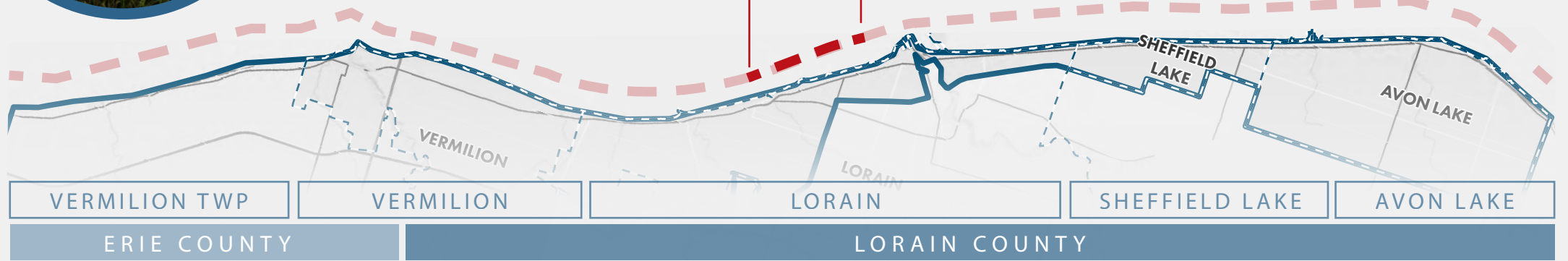




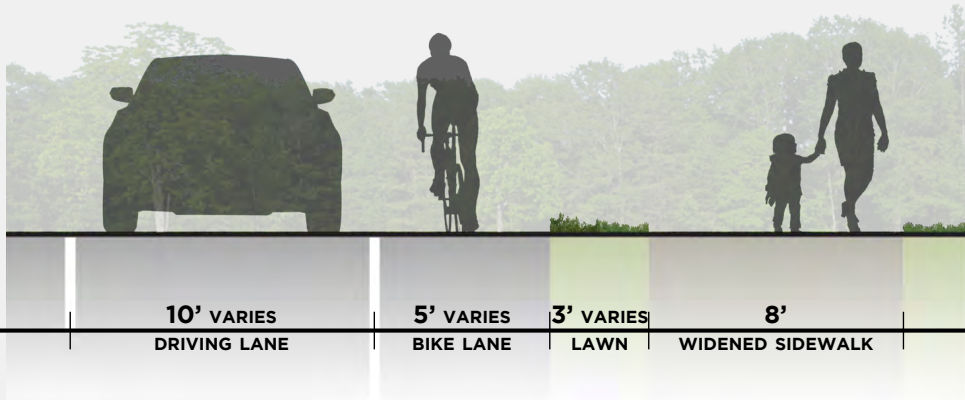
6.5 mi.



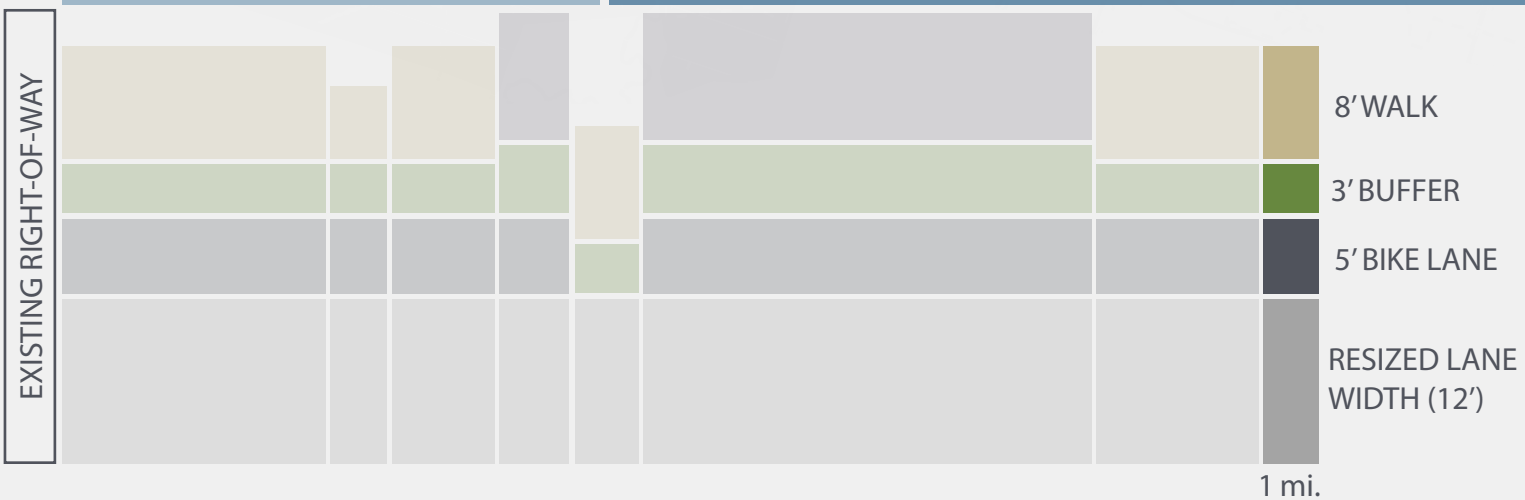
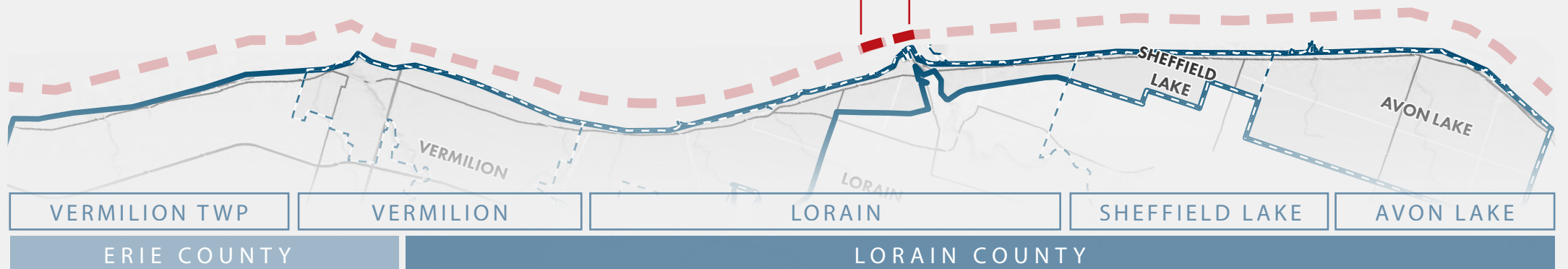
OH-6 INTERCHANGE
LAKEVIEW PARK



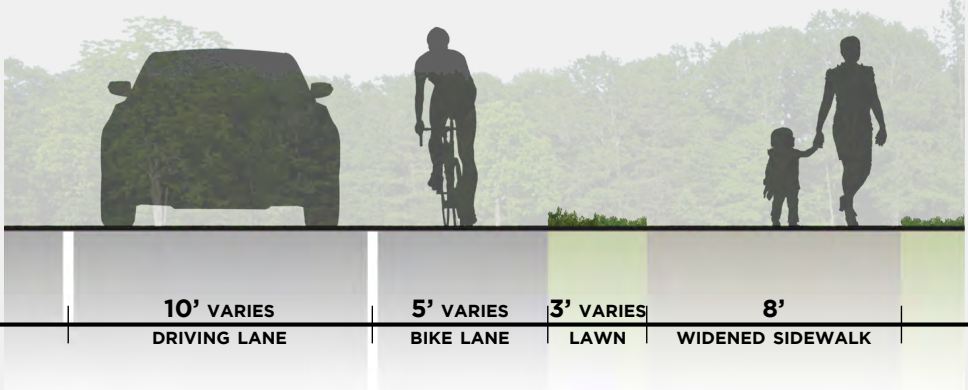
1.8 mi.



BROADWAY AVE
LAKEVIEW PARK

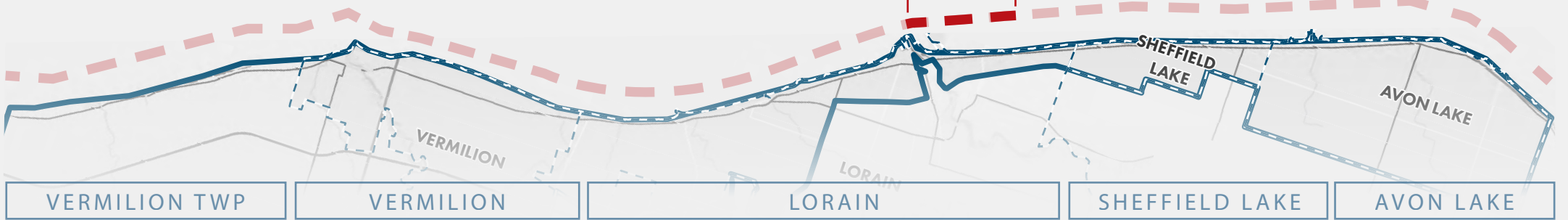


1 mi.



LORAIN BRIDGE

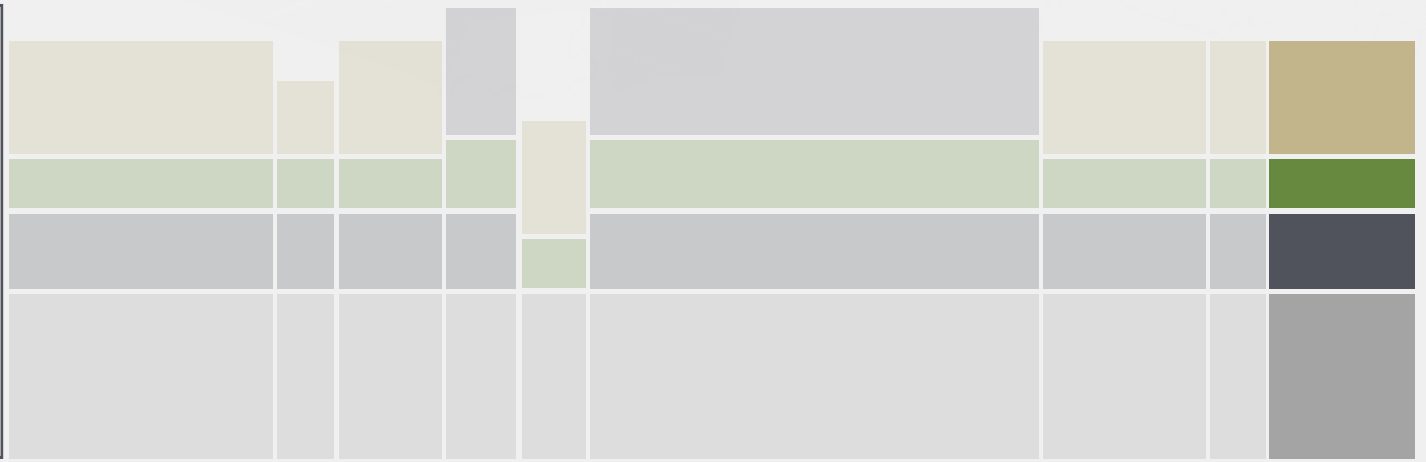
ABBOTSFORD DR



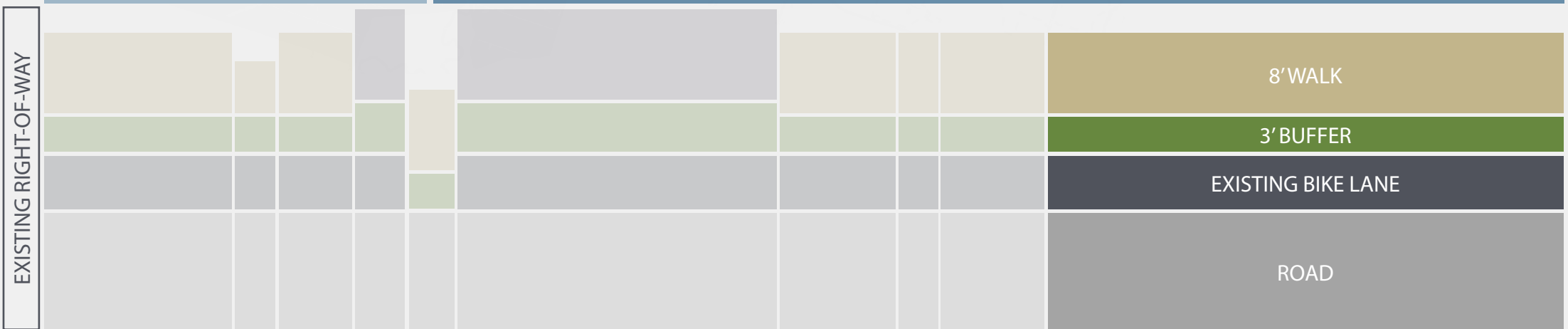
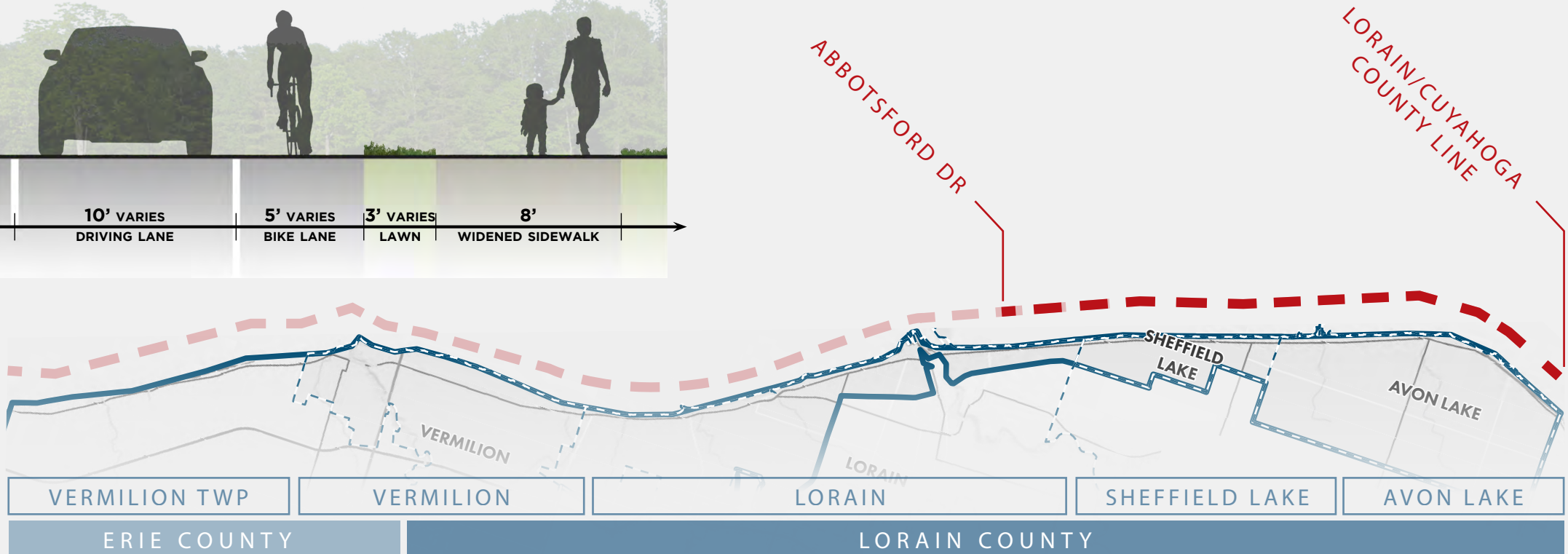
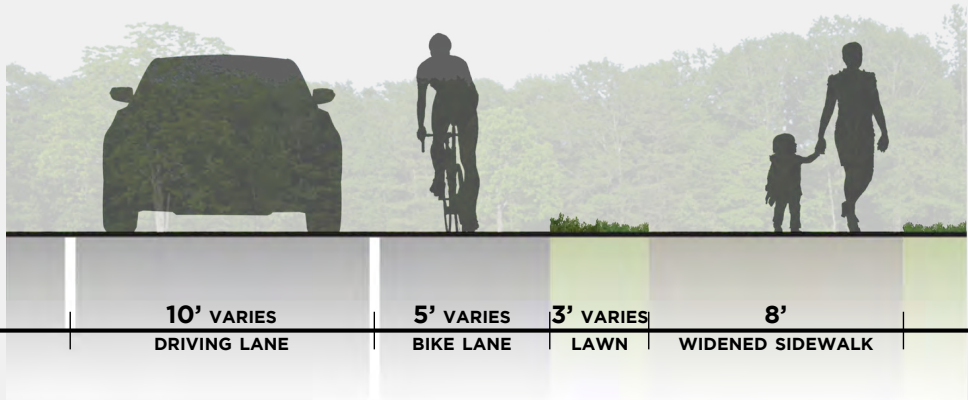
ERIE COUNTY

LORAIN COUNTY

EXISTING RIGHT-OF-WAY

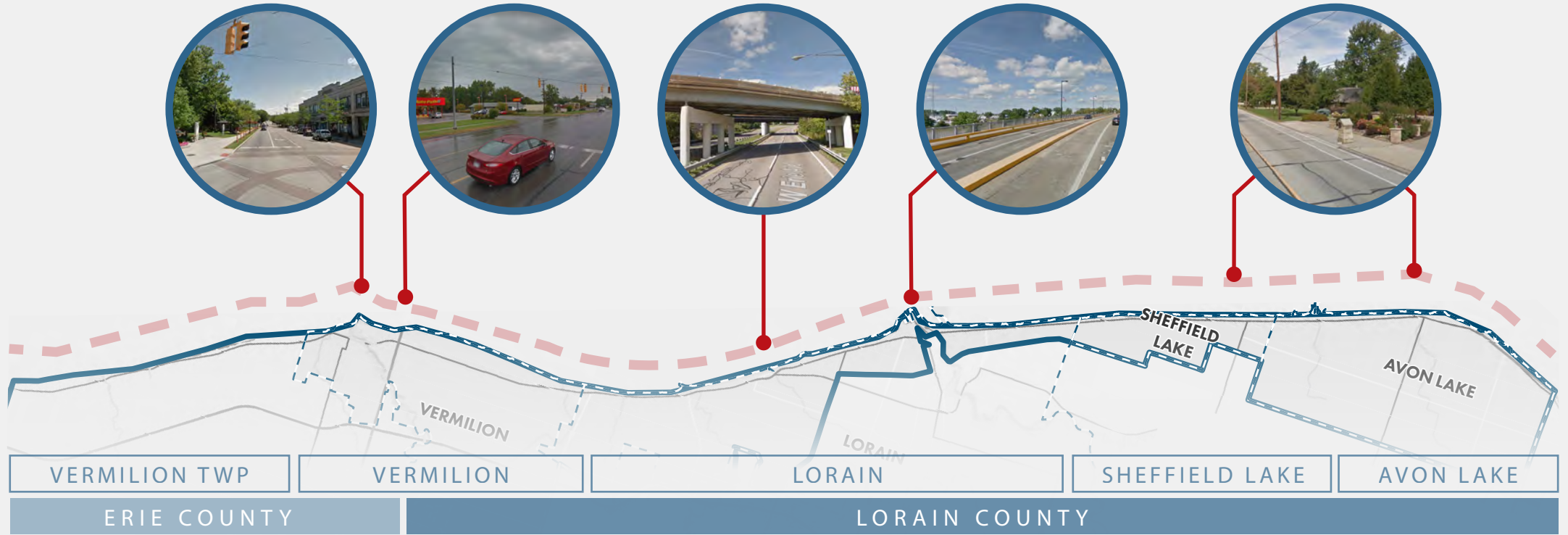


2.4 mi.



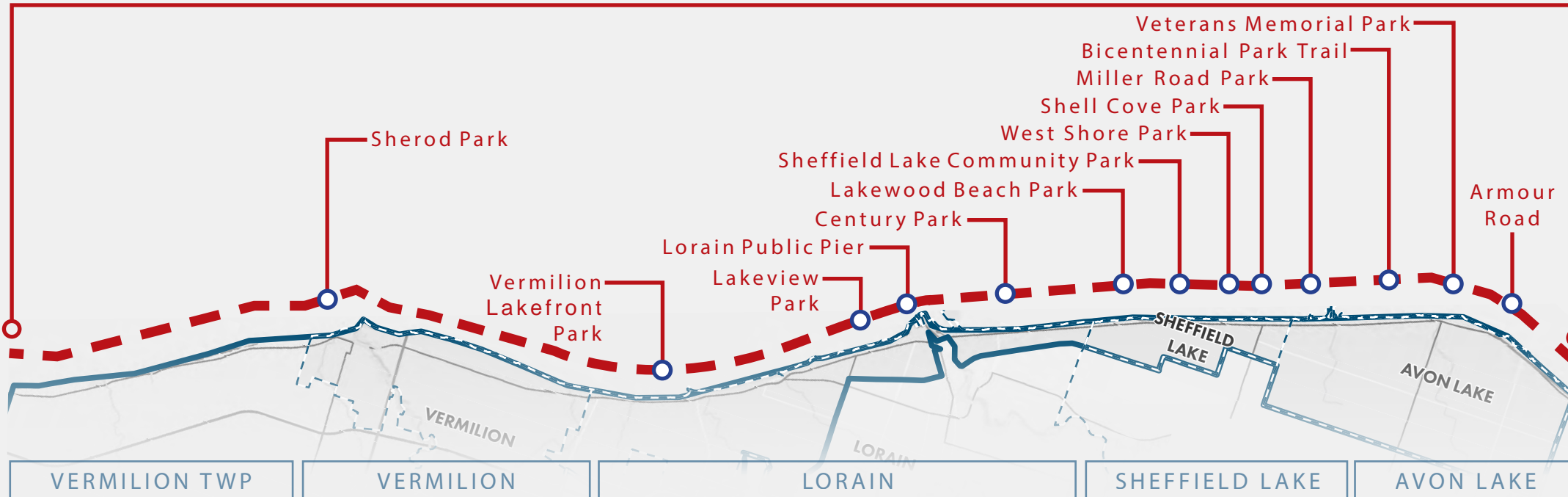
8.7 mi.

PINCH POINTS

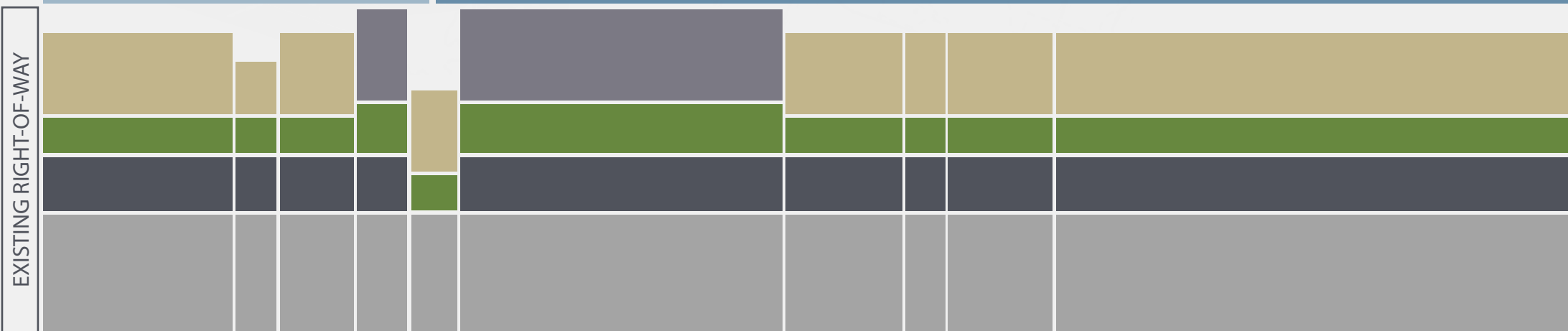


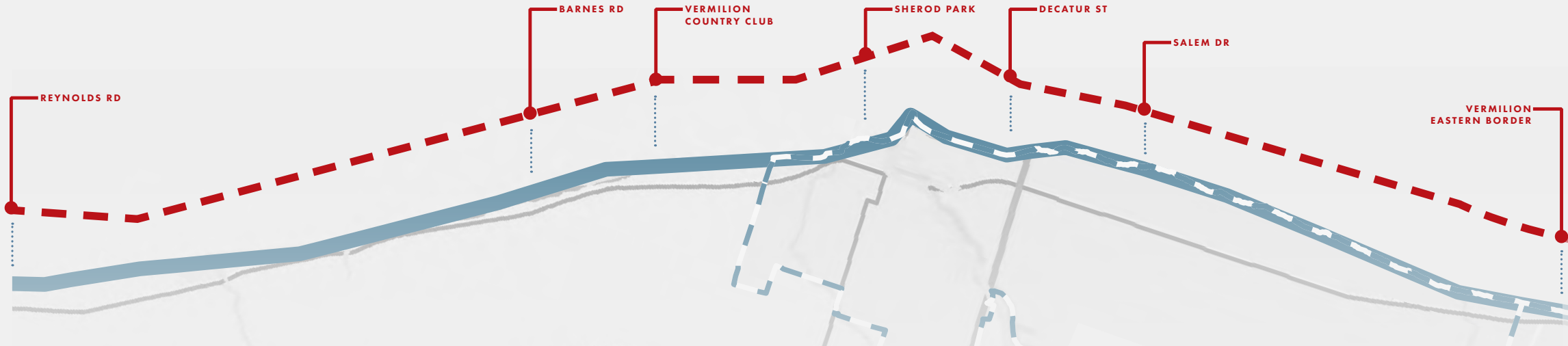
EXISTING RIGHT-OF-WAY	VERMILION TWP		VERMILION		LORAIN		SHEFFIELD LAKE		AVON LAKE		
	ERIE COUNTY			LORAIN COUNTY							
			DOWNTOWN VERMILION		OH-6 INTERCHANGE OVERPASS				UTILITY + MAILBOX + LANDSCAPE CONFLICTS		
			COMMERCIAL CORRIDOR				LORAIN BRIDGE				

NORTH/SOUTH CROSSWALK CONNECTIONS



VERMILION TWP	VERMILION	LORAIN	SHEFFIELD LAKE	AVON LAKE
ERIE COUNTY		LORAIN COUNTY		





VERMILION TWP

VERMILION

ERIE COUNTY

LORAIN COUNTY

8' WALK	5' WALK	8' WALK	10' TRAIL	10' TRAIL	10' TRAIL
3' BUFFER	3' BUFFER	3' BUFFER	5' BUFFER	WIDEN WALK TO 8' (WHERE POSSIBLE)	5' BUFFER
5' BIKE LANE	5' BIKE LANE	5' BIKE LANE	5' BIKE LANE	EX. BUFFER (VARIES)	5' BIKE LANE
ROAD	ROAD	ROAD	ROAD	SHARROW ROAD	ROAD

\$2.05 Million

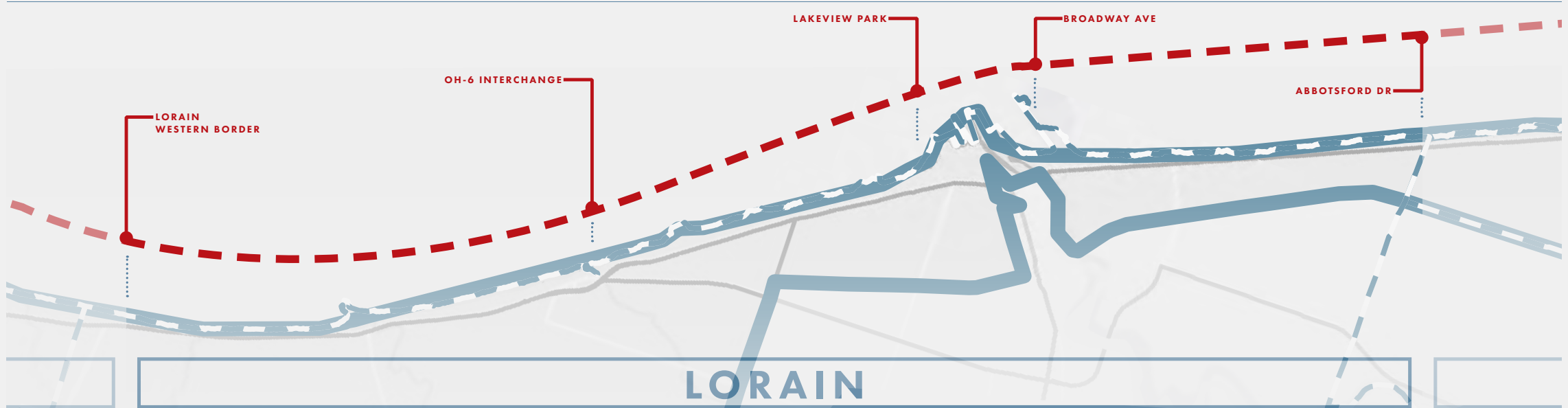
\$0.5 Million

\$1.0 Million

\$1.5 Million

\$1.0 Million

\$3.0 Million



LORAIN LORAIN COUNTY

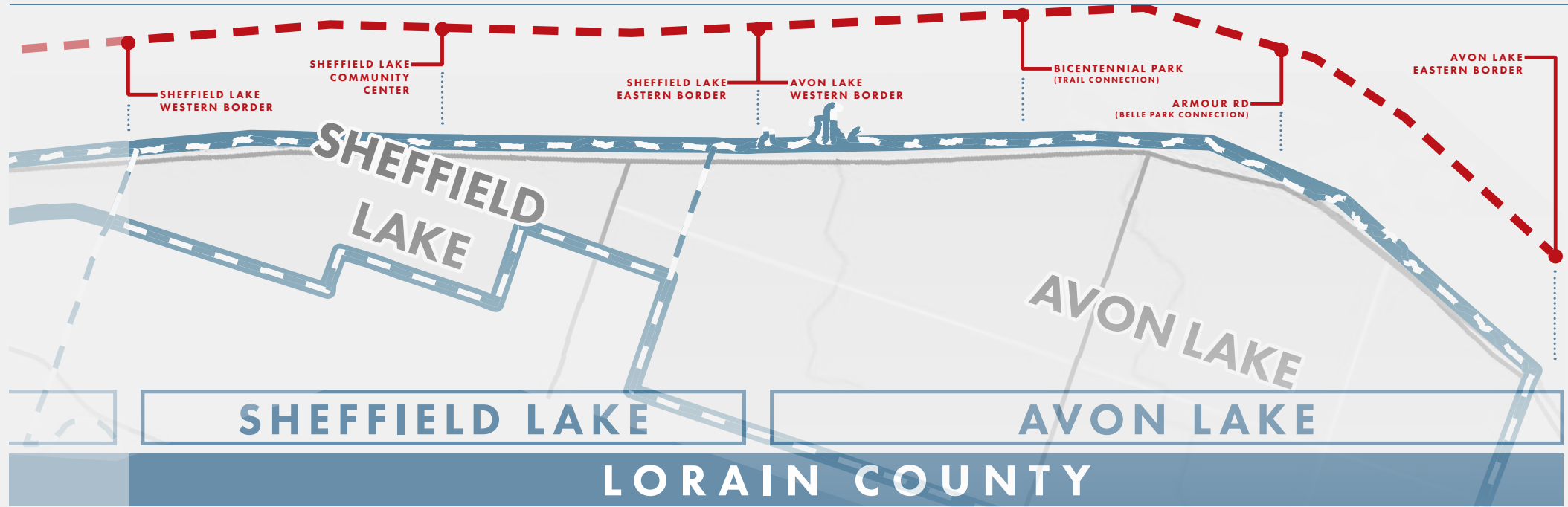
	10' TRAIL	8' WALK	8' WALK	8' WALK	
	5' BUFFER	3' BUFFER	3' BUFFER	3' BUFFER	
	5' BIKE LANE	4'-5' BIKE LANE	5' BIKE LANE	BIKE LANE (UNDER CONSTRUCTION)	
	ROAD	ROAD	RESIZED LANE WIDTH (12')	ROAD	

\$2.5
Million

\$2.0
Million

\$2.0
Million

\$3.0
Million



	8' WALK	8' WALK	8' WALK	8' WALK	8' WALK
	3' BUFFER	3' BUFFER	3' BUFFER	3' BUFFER	3' BUFFER
	EXISTING BIKE LANE	EXISTING BIKE LANE	EXISTING BIKE LANE	EXISTING BIKE LANE	EXISTING BIKE LANE
	ROAD	ROAD	ROAD	ROAD	ROAD
	\$2.5 Million	\$2.5 Million	\$3.3 Million	\$2.5 Million	\$3.8 Million

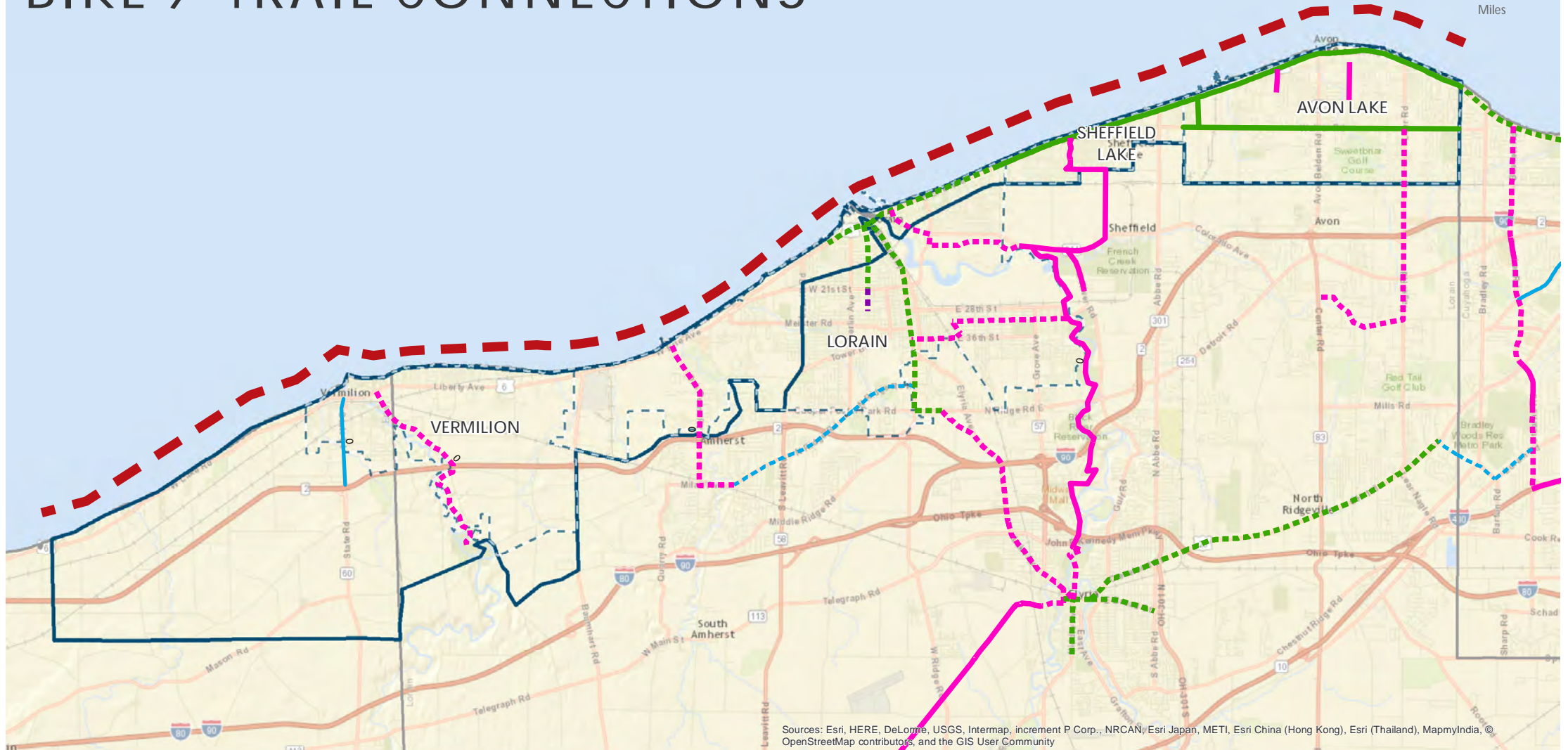
EXISTING + POTENTIAL BIKE / TRAIL CONNECTIONS



1 in = 2 miles

0 0.5 1

Miles



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, OpenStreetMap contributors, and the GIS User Community



LORAIN COUNTY
LAKEFRONT
CONNECTIVITY PLAN

- EXISTING BIKE LANE
- EXISTING TRAIL / SIDEPATH
- EXISTING WIDENED SIDEWALK
- - - PLANNED / POTENTIAL BIKE LANE
- - - PLANNED / POTENTIAL TRAIL / SIDEPATH
- - - PLANNED WIDENED SIDEWALK
- - - POTENTIAL SHARROWS
- MUNICIPALITIES
- STUDY AREA



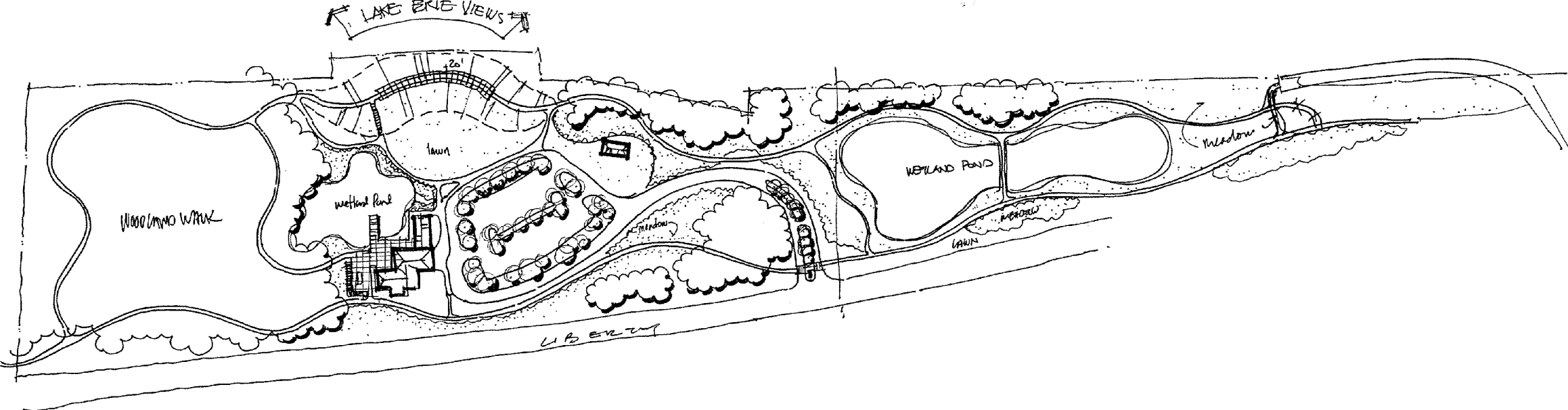
FINAL SITE PLANS



LORAIN COUNTY
LAKEFRONT
CONNECTIVITY PLAN



Vermilion Lakefront Park Conceptual Site Plan





Vermilion - Vermilion Lakefront Park Conceptual Site Plan



Vermilion - Vermilion Lakefront Park

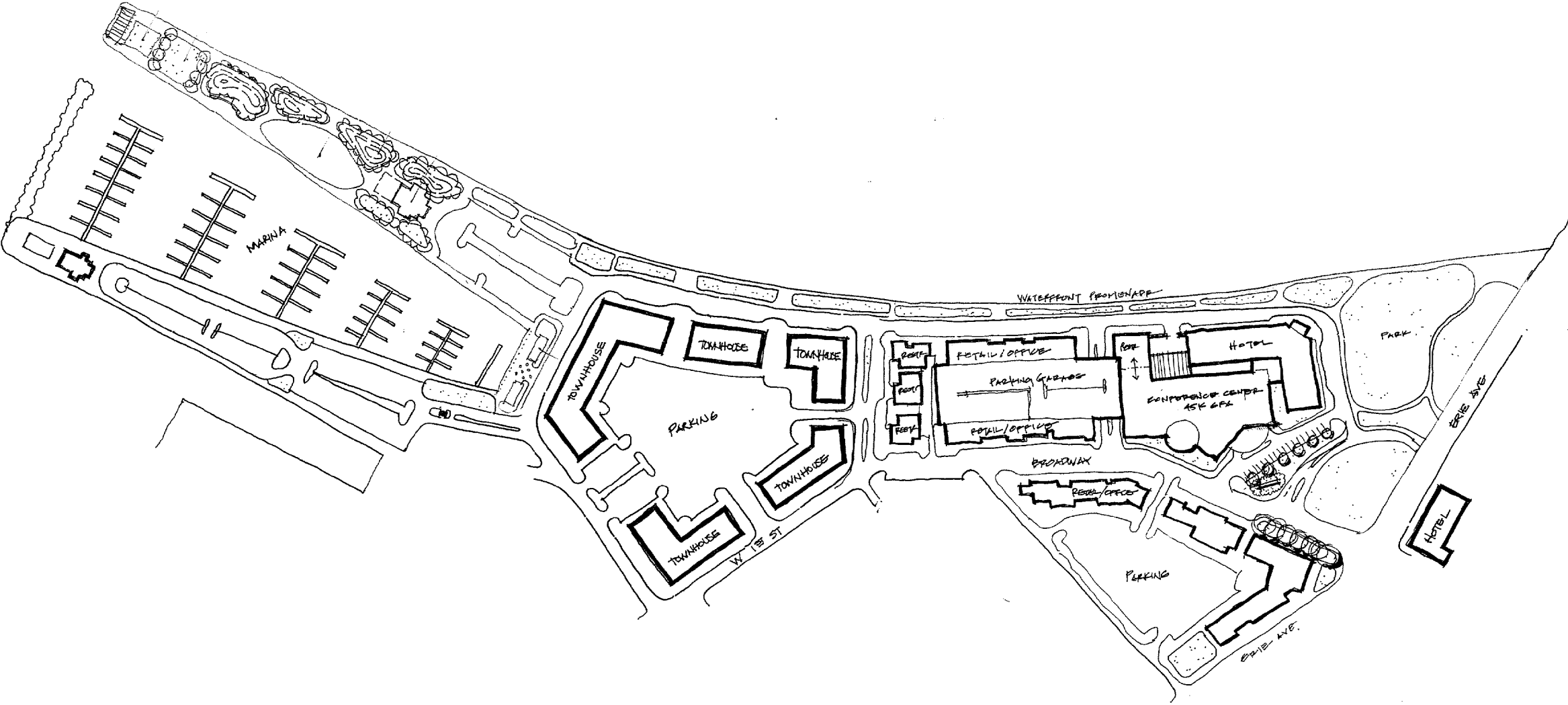


Vermilion - Lorain Lakefront Trail, Vermilion Lakefront Park



Vermilion - Vermilion Lakefront Park Elevated Lake Erie Overlook

Lorain Downtown Riverfront Redevelopment Conceptual Site Plan





Google Earth

Lorain - Downtown Riverfront Redevelopment Conceptual Site Plan



Lorain - Downtown Riverfront Redevelopment



Lorain - Hotel and Conference Center, Downtown Riverfront Redevelopment

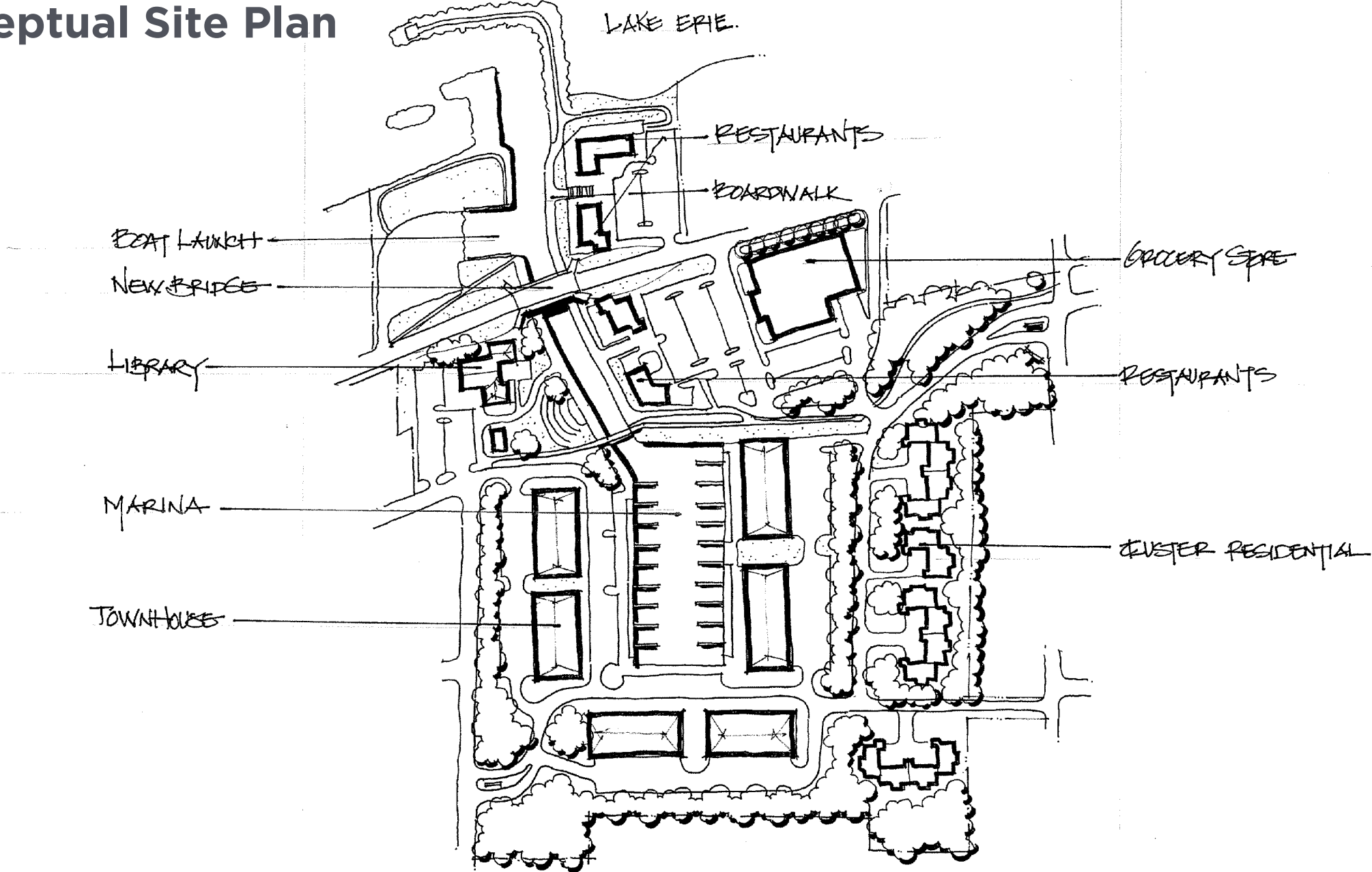


Lorain - Pier Park, Beach & Marina, Downtown Riverfront Redevelopment



Lorain - Riverfront Promenade, Downtown Riverfront Redevelopment

Sheffield Lake Marina District Conceptual Site Plan





Sheffield Lake - Marina District Conceptual Site Plan



Sheffield Lake - Marina District

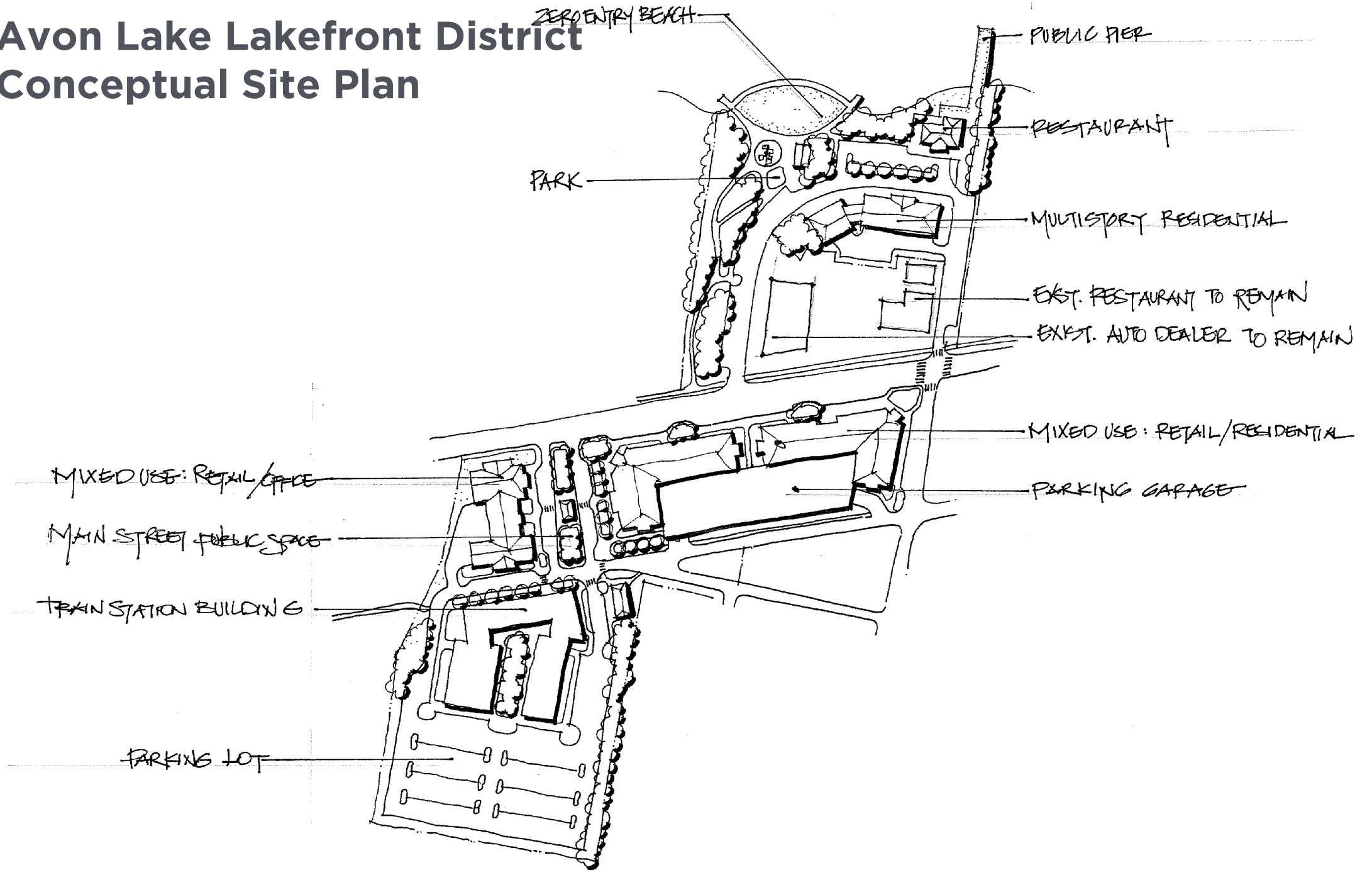


Sheffield Lake - Marina District



Sheffield Lake - Marina District Restaurants, Bicycle/Pedestrian Bridge

Avon Lake Lakefront District Conceptual Site Plan





Avon Lake - Lakefront District Conceptual Site Plan



Avon Lake - Lakefront District



Avon Lake - Lakefront District



Avon Lake - Lakefront District



Avon Lake - Lakefront District Beach

VOTING EXERCISE



LORAIN COUNTY
LAKEFRONT
CONNECTIVITY PLAN



IMPLEMENTATION PRIORITIZATION VOTING EXERCISE



IMPLEMENTATION PRIORITIZATION VOTING EXERCISE

“If I had a million dollars”

- Place your ‘million dollar’ stickers on the transportation alternatives sections that you think are the most important
- You can put all your stickers on one segment, or spread them out throughout the corridor



