

PROJECT PURPOSE:

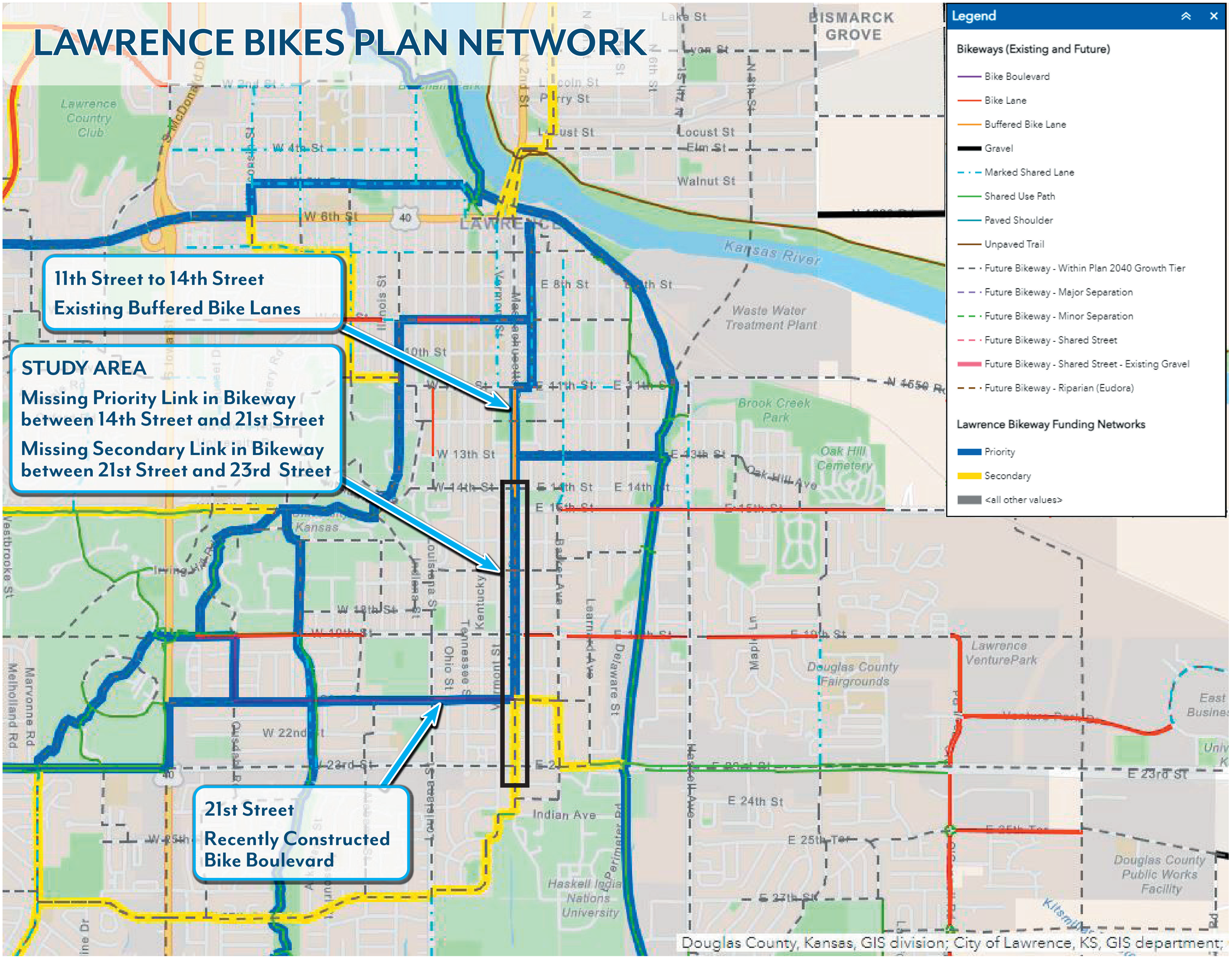
The City of Lawrence is performing a Multimodal Improvements Study to provide recommendations for construction of multimodal facilities on Massachusetts Street from 14th Street to 23rd Street.

PROJECT BACKGROUND:

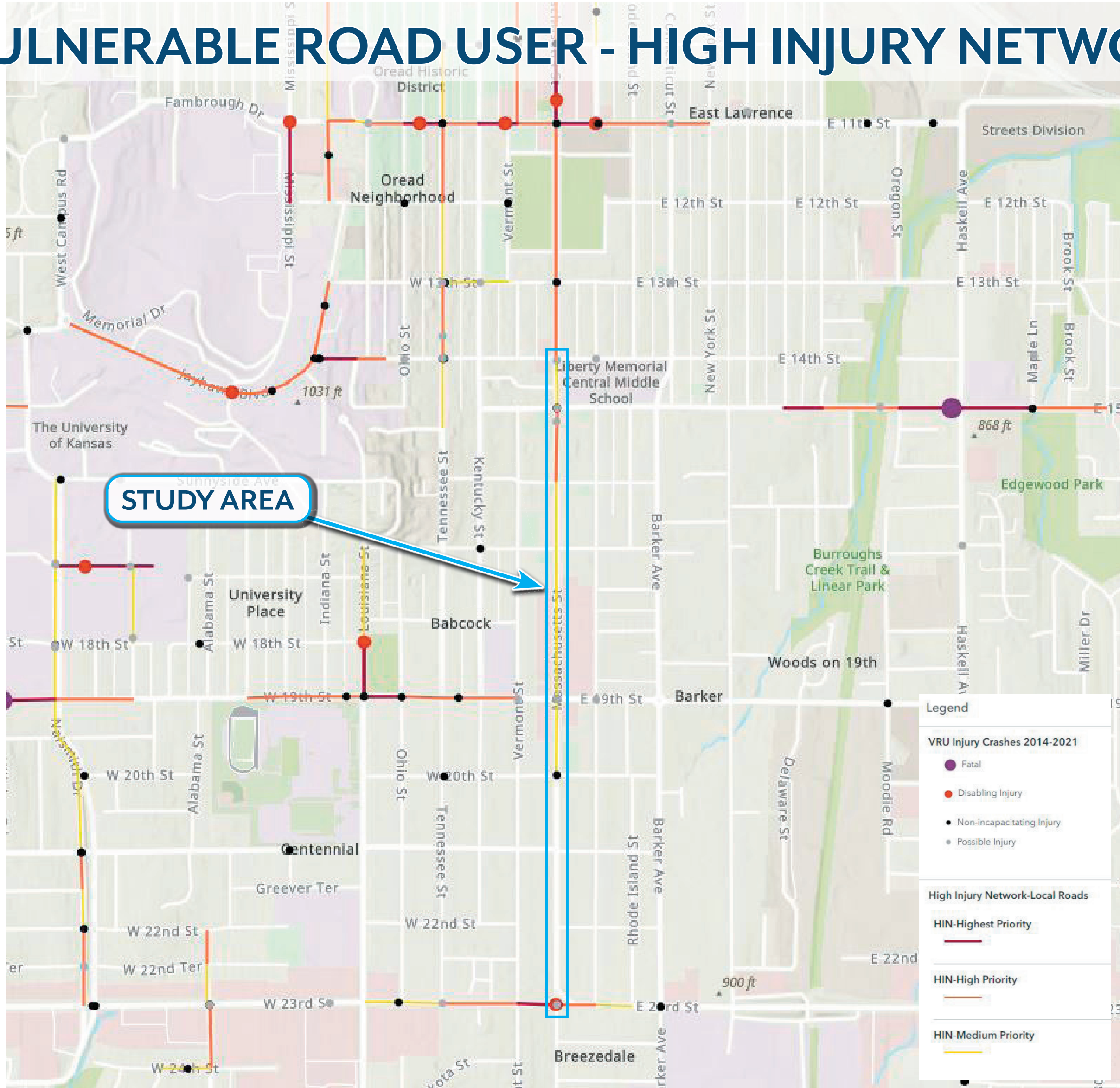
- Massachusetts Street from 14th Street to 21st Street is a link in the future primary network in the Lawrence Bikes Plan.
- Massachusetts from 14th to 19th is on the Safe Routes to School network.
- Massachusetts Street is a minor arterial street and the Pedestrian Plan calls for connected sidewalks on both sides of the street.
- This project will provide recommended improvements to connect to the recently constructed bicycle boulevard on 21st Street between Iowa St and Mass.
- This project will complete the gap in the bike network and improve safe multimodal access to downtown Lawrence.

PROJECT SCHEDULE:

- Open House #1 - October 2023
- Concept Development - Oct 2023 to Jan 2024
- Open House #2 - Jan 2024
- Concept Refinement - Jan 2024 to Mar 2024
- Open House #3 - Mar 2024
- Concept Approval - Spring 2024
- Potential Funding & Design - Spring 2024 to Winter 2024
- Construction - TBD



KDOT VULNERABLE ROAD USER - HIGH INJURY NETWORK MAP



LAWRENCE BIKE LEVEL OF COMFORT MAP

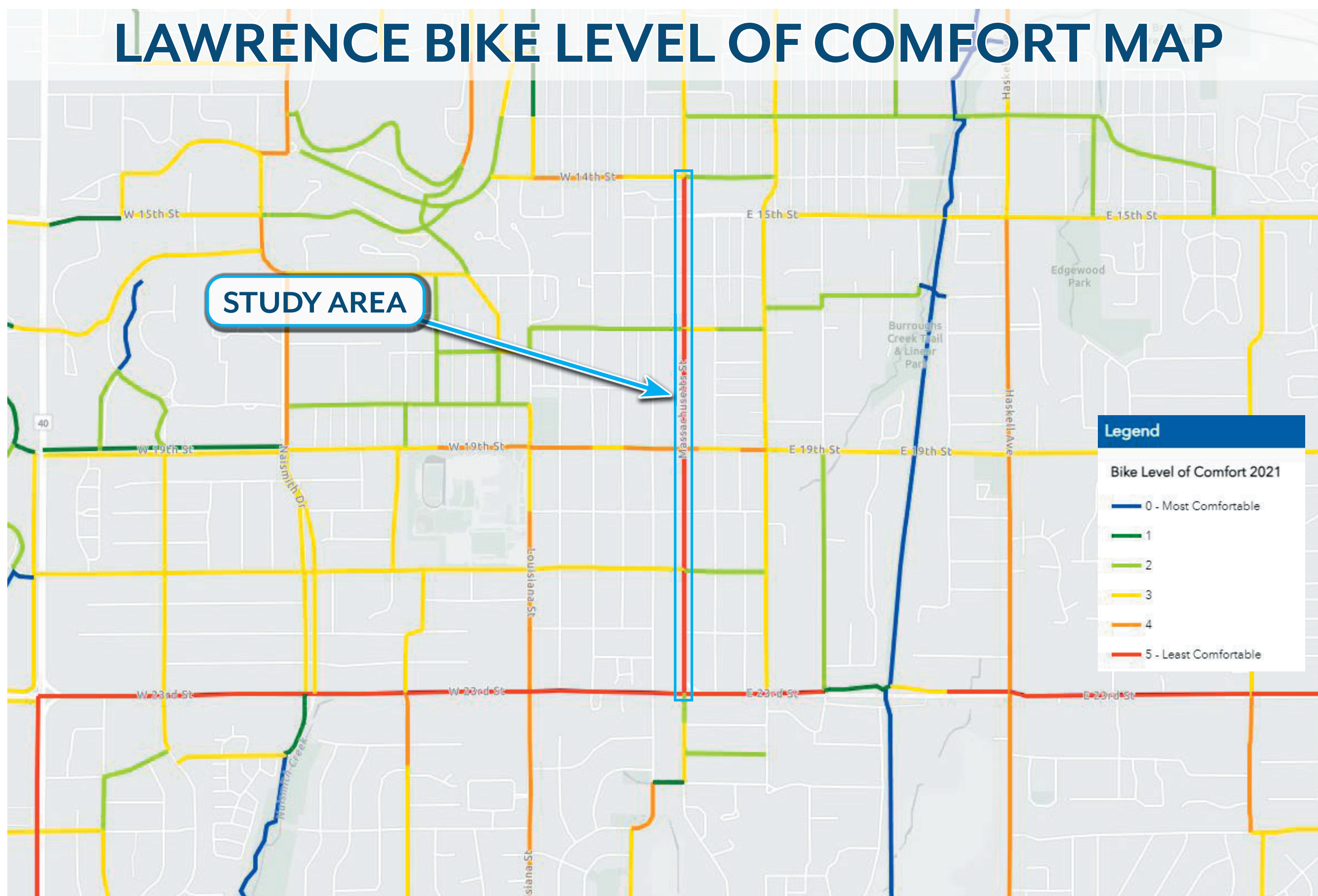


Table C.3: Parameters for Each Level of Comfort

| Existing Facility Type | 0 (most comfortable) | 1 | 2 | 3 | 4 | 5 (least comfortable) |
|---------------------------------|----------------------|--|--|--|-----------------------------|-----------------------------|
| shared use path | not side path | side path, <=13,000 vehicles, <=45 mph | side path, <=20,000 vehicles, <=45 mph | side path, > 20,000 vehicles OR > 45 mph | | |
| major separation | | <=13,000 vehicles, <=45 mph | <=20,000 vehicles, <=45 mph | >20,000 vehicles OR >45 mph | | |
| protected bike lane/cycle track | | <=4,000 vehicles, <=30 mph | <=6,000 vehicles, <=30 mph | <=13,000 vehicles, <=30 mph | <=20,000 vehicles, <=45 mph | >20,000 vehicles OR >45 mph |
| minor separation | | <=4,000 vehicles, <=25 mph | <=8,000 vehicles, <=25 mph | <=13,000 vehicles, <=35 mph | <=20,000 vehicles, <=40 mph | >20,000 vehicles OR >40 mph |
| buffered bike lanes | | <=1,500 vehicles, <=25 mph | <=3,000 vehicles, <=25 mph | | | |
| conventional bike lanes | | <=1,500 vehicles, <=25 mph | <=5,000 vehicles, <=25 mph | <=8,000 vehicles, <=30 mph | <=13,000 vehicles, <=35 mph | |
| bicycle boulevards | | | <=3,000 vehicles, <=25 mph | <=6,000 vehicles, <=30 mph | <=13,000 vehicles, <=40 mph | |
| marked shared lanes | | | | | | >13,000 vehicles OR >45 mph |
| no facility type | | | | | | |

SOURCE: DETERMINED BY THE CITY OF LAWRENCE BASED ON NATIONAL GUIDELINES

Potential Multimodal Improvement Ideas:

Reducing impacts to street trees or adding street trees, shared use paths, sidewalk connectivity, improving pedestrian ramps, installing medians, installing mid-block crossing with adequate signage and visibility such as a rectangular rapid flashing beacon, road sharing, bike lanes, buffered bike lanes, separated bike lanes, benches, bus shelters, floating bus stops, access management control with the use of medians, roadway reconfiguration, on-street parking, or intersection bump-outs.

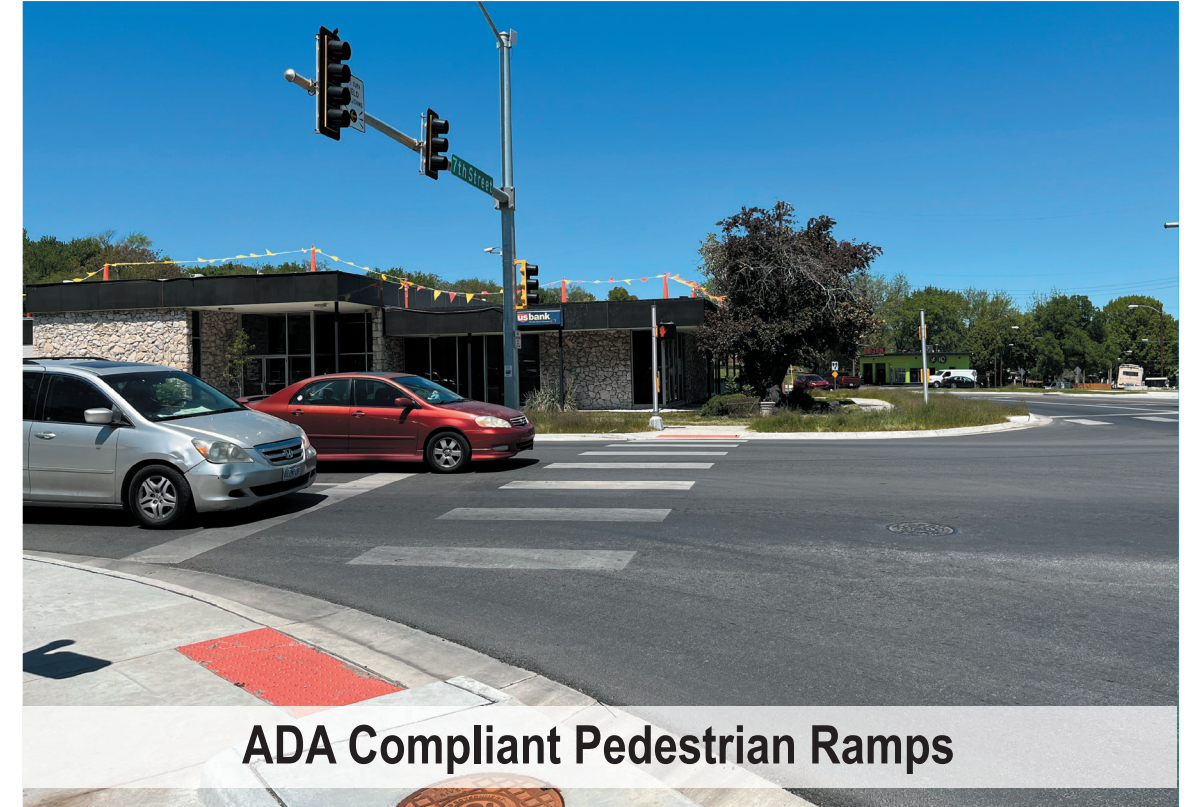
Place a green dot below items that are a priority for you.



Preserve Street Trees



Pedestrian Refuge Island



ADA Compliant Pedestrian Ramps



Mid-Block Crossing - Rectangular Rapid Flashing Beacon



HAWK Signal



Sidewalk Connectivity



Improve Sidewalk Condition



On-Street Bike Lane



On-Street Buffered Bike Lane



On-Street Separated Bike Lane

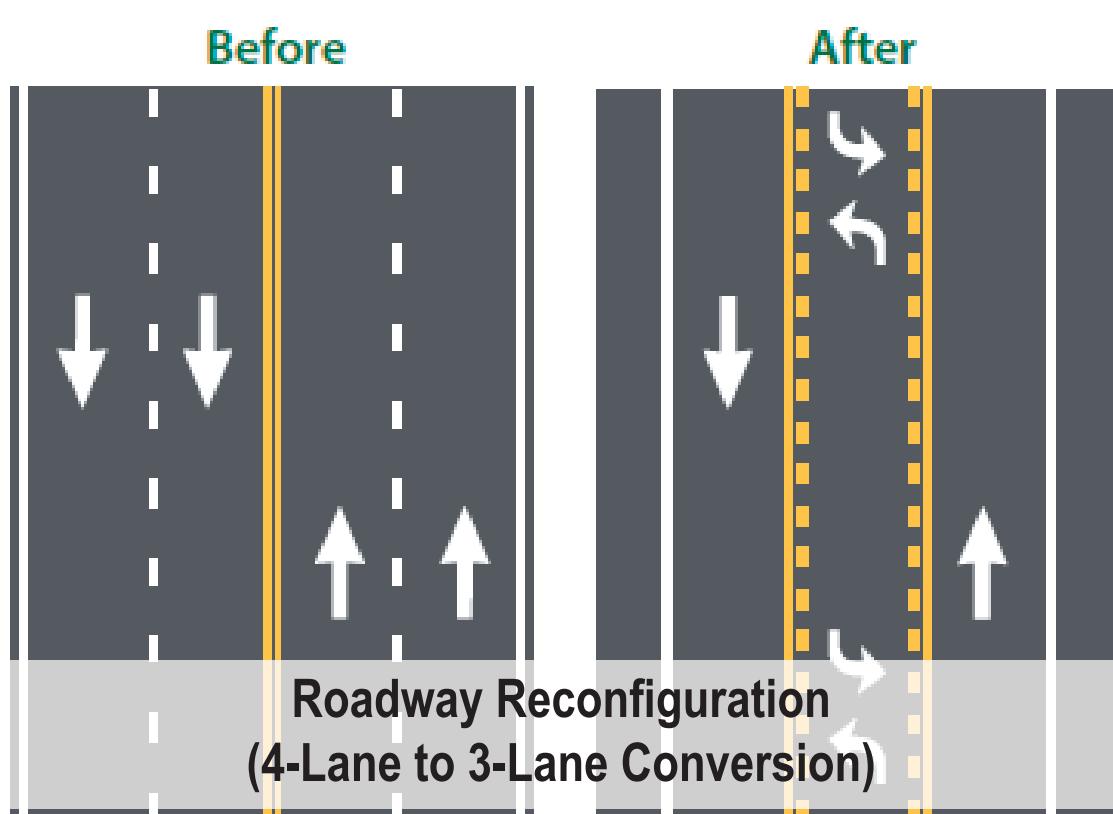


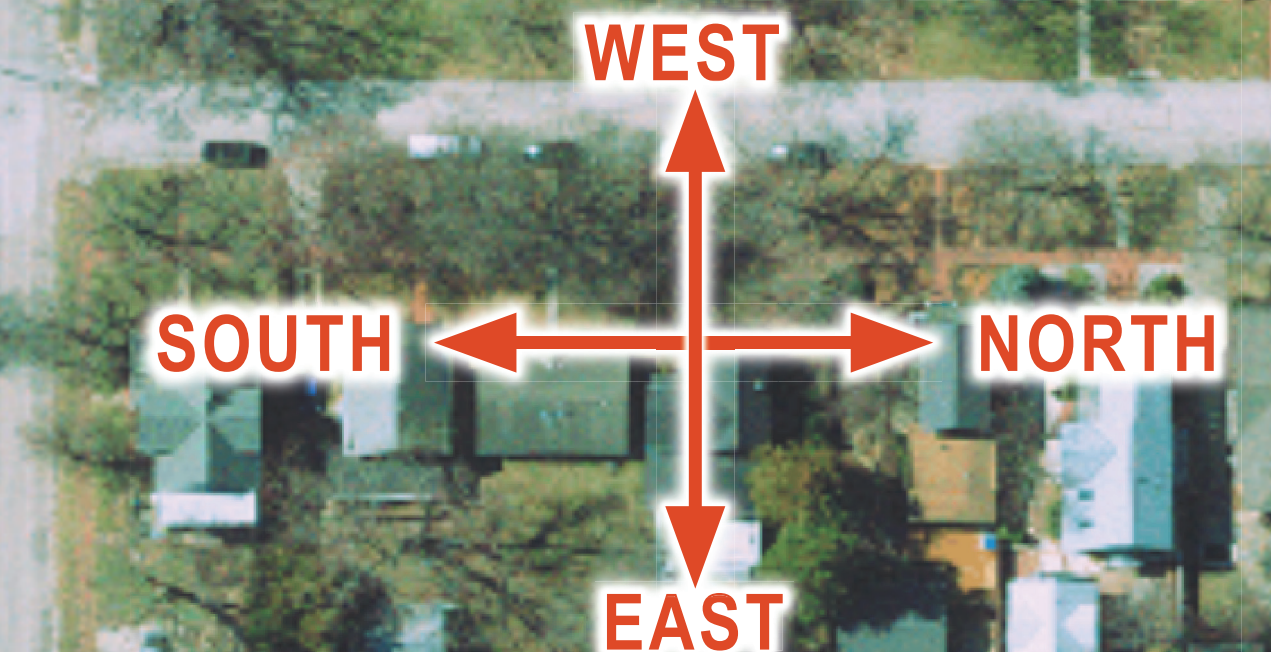
Intersection Improvements - Bike Boxes

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● Place a green dot below items that are a priority for you.





23RD STREET

21st Street

20th Street

19th Street

17th Street

16th Street

15th Street

14TH STREET

MASSACHUSETTS STREET

MASSACHUSETTS STREET

MASSACHUSETTS STREET

MASSACHUSETTS STREET

Rainbow Works

Regents Court

Fire Station N2

Dairy Queen

VFW Post 852

Vikingtown Apts

Cat Clinic of Lawrence

Central United Methodist Church

Americana Music Academy

Hanover Place Apts.

Elevate Arts of Wellness

Head Rush

Mass Street Music

Victory Bible Church

Trinity Career Institute-Lawrence

Miller Tattoo

Taqueria La Pasadita

Kwik Shop

Cottins Hardware & Rental

On the Rocks

Dillons

Babcock Place

Liberty Memorial Central Middle School

Free City Church