



Welcome!

**County Road 31 and
County Road 74 Study**

Open House

Please Sign In Here



Project Overview

PROJECT LOCATION

County Road 31
(Denmark Avenue)
between
County Road 50 and
County Road 74

County Road 74
(220th Street)
between
County Road 31 and
Honeysuckle Lane



PROJECT GOALS



Recommend pedestrian and bicycle crossing locations and improvements along Denmark Ave



Evaluate intersection control types



Develop a preferred design for a new Vermillion River bridge on Denmark Ave including a grade separated greenway trail connection



Review the corridors for access, safety, speed management, and mobility improvement opportunities



Develop a layout to modernize the corridors with an urban section and non-motorized facilities



Recommend stormwater management improvements

PROJECT TIMELINE

October 2024 to December 2024
Data Collection and Analysis

Public Information Meeting #1

January 2025 to August 2025
Alternatives Development

Public Information Meeting #2
WE ARE HERE

September 2025 to October 2025
Recommendations and Preliminary Design

Public Information Meeting #3



County Road 31 and County Road 74 Study

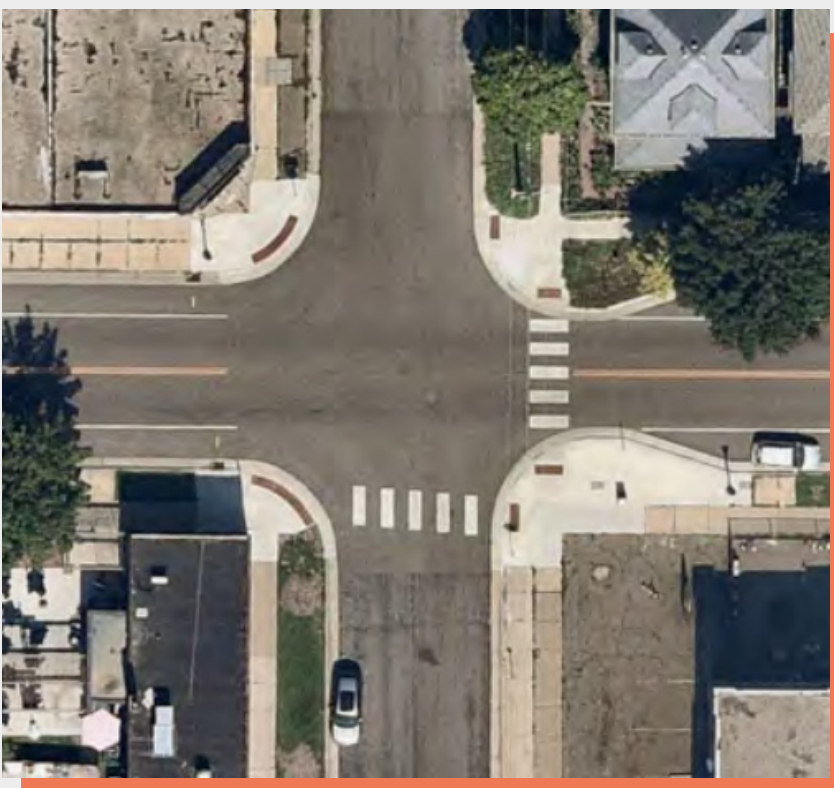
Pedestrian and Bicycle Crossings

Please help us understand how you use County Road 31.

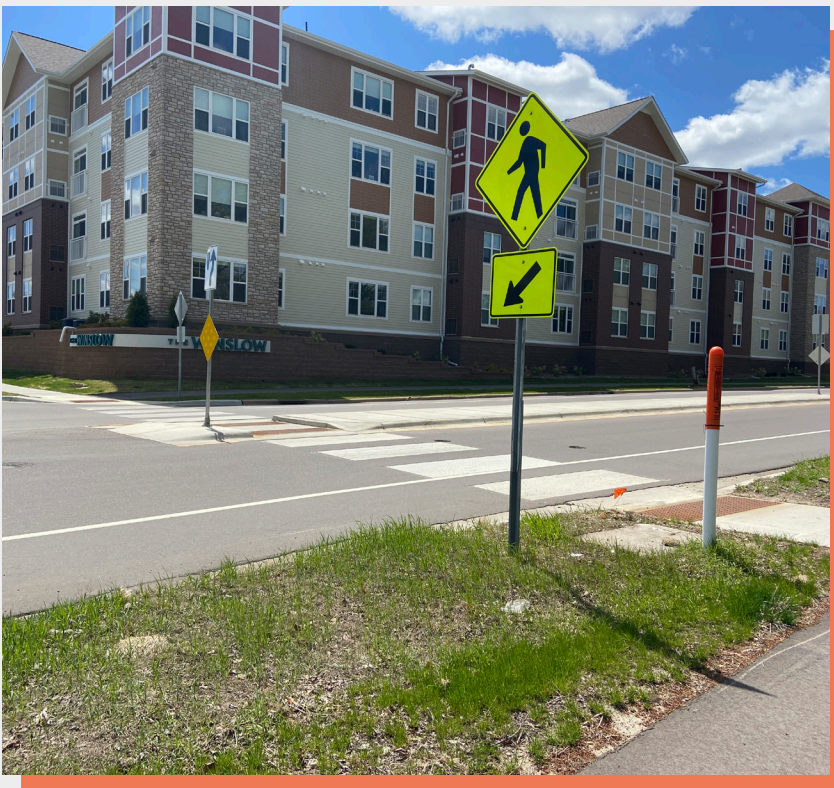
- Place a **red sticker** where you walk, bike, or roll across Denmark Avenue
- Place a **yellow sticker** where you would cross Denmark Avenue if crossing improvements were made

What features would make you feel safe at crossings?

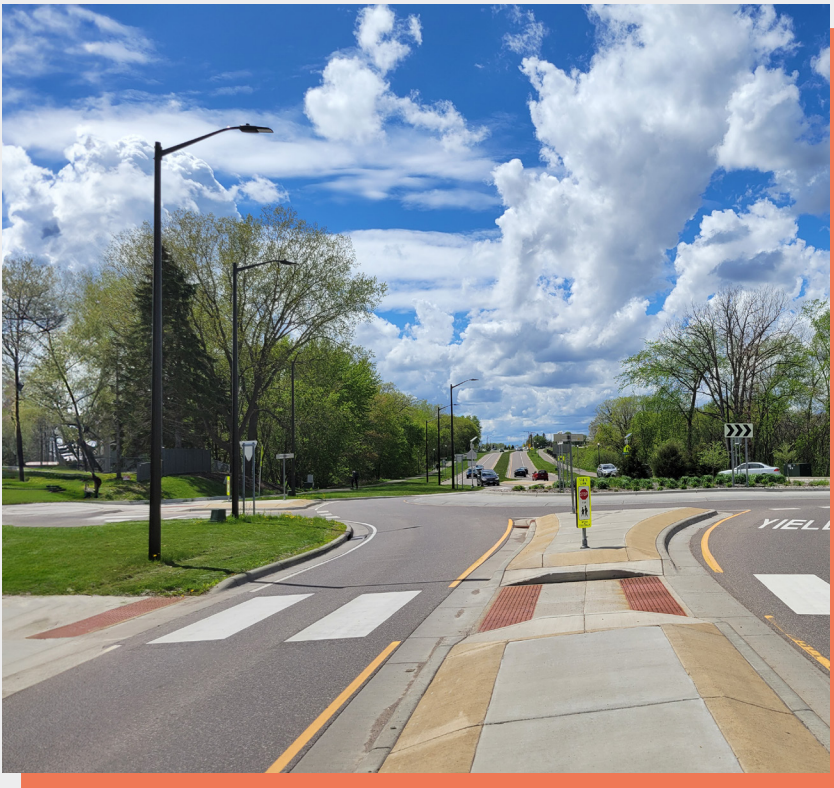
Place a sticker next to all that apply.



▲ Curb extensions



▲ Pedestrian refuge islands



▲ Lighting improvements



▲ Rectangular Rapid Flashing Beacon (RRFB)



▲ Signing and pavement



▲ Reduced vehicle speeds



Corridor Needs

Optimize traffic operations to accommodate growth



Geometric improvements are needed to accommodate urbanizing area



Gaps in pedestrian/bicycle facilities including at the railroad crossing on 220th St.



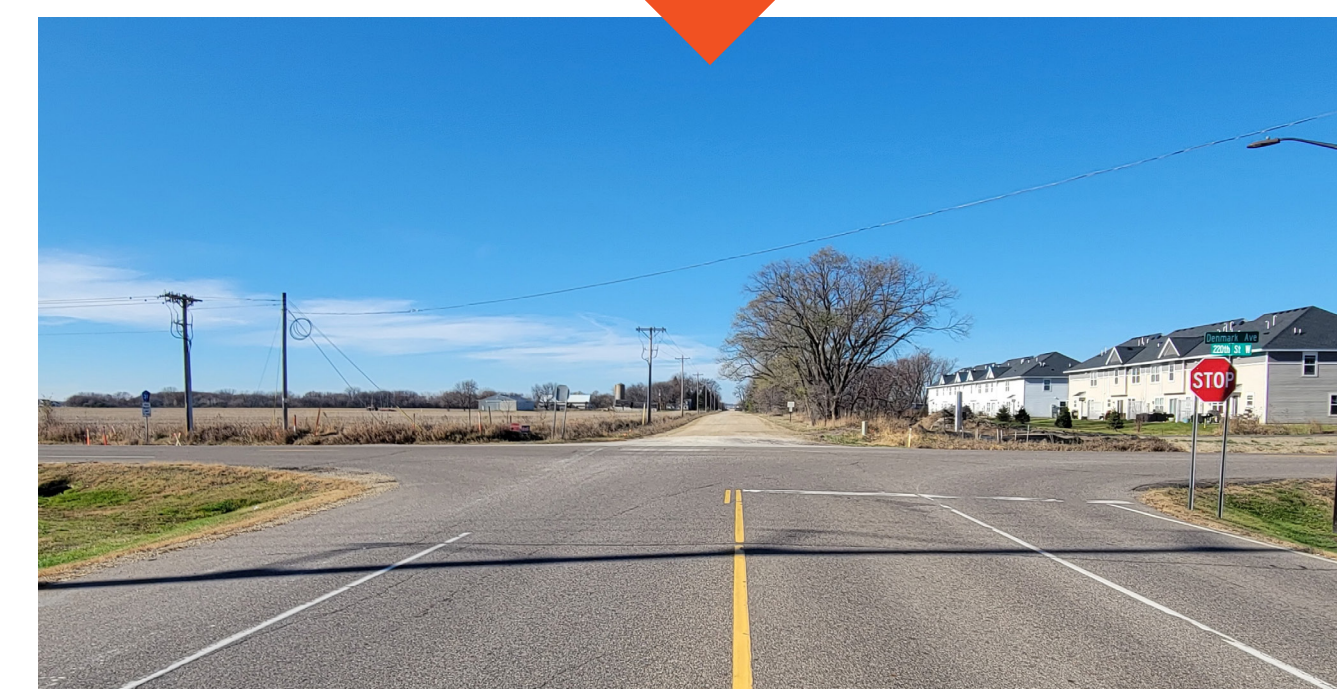
Aged infrastructure requires replacement



Lack of a pedestrian/bicycle crossing of Denmark Avenue at the greenway



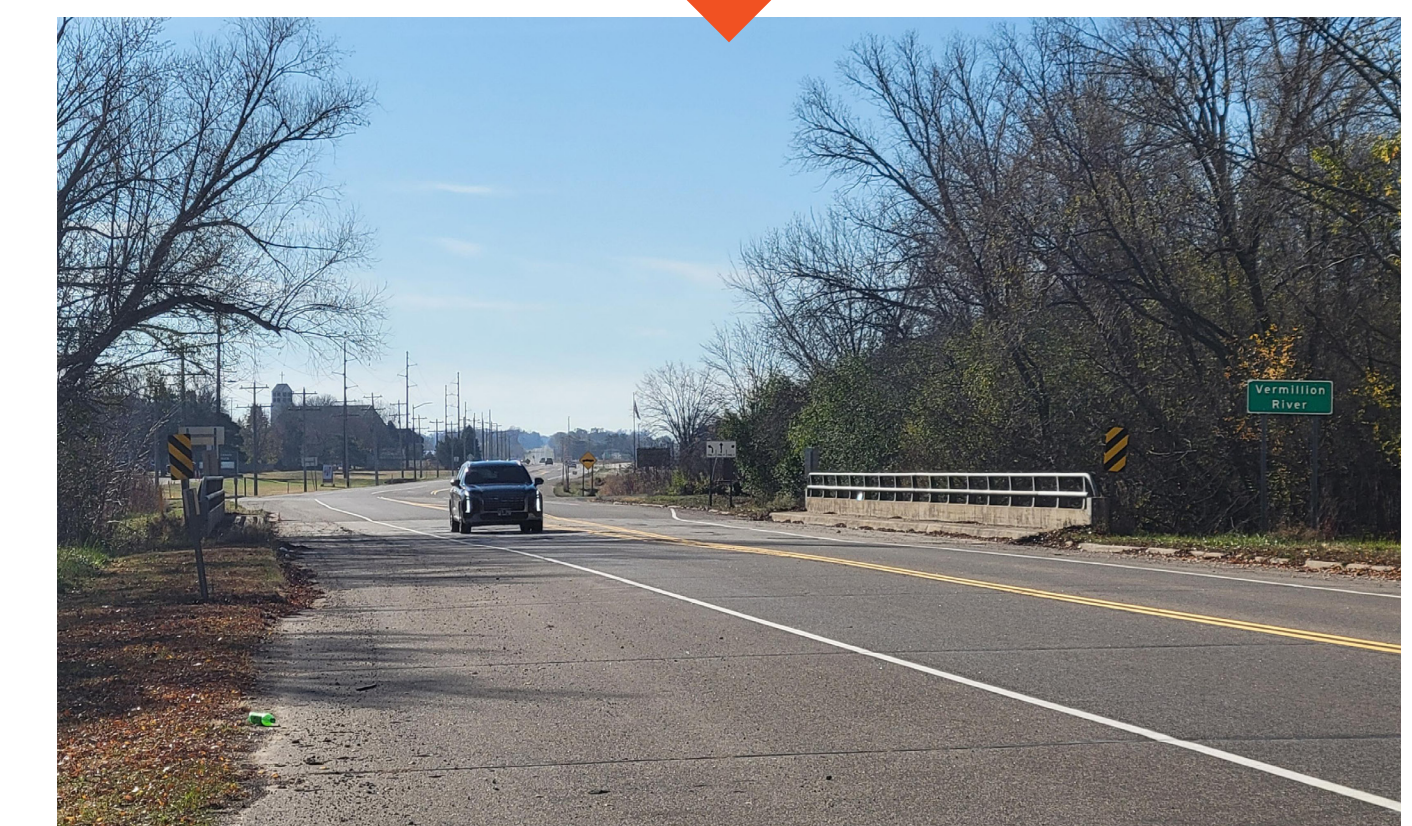
Improve wildlife passages to reduce road mortality



Limited pedestrian/bicycle crossings



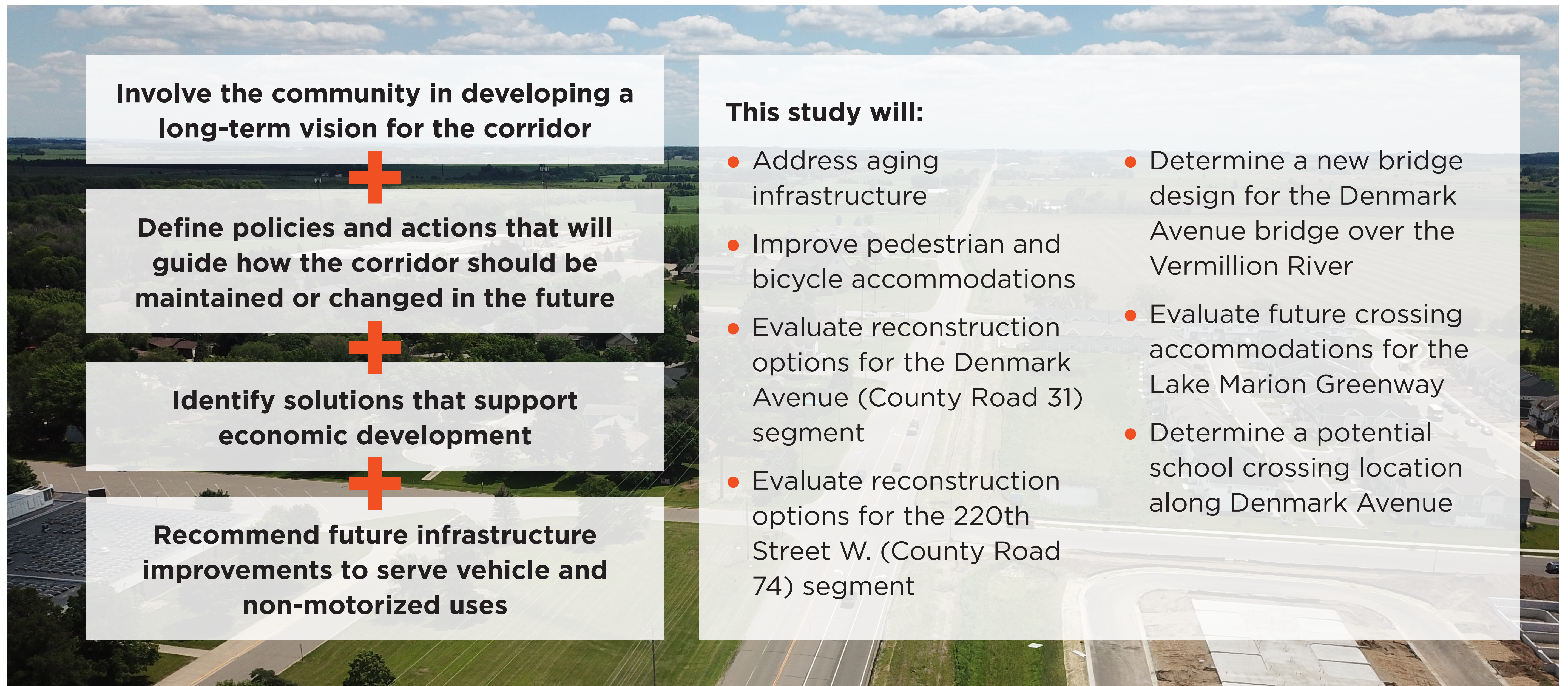
Excessive vehicle speeds with current conditions



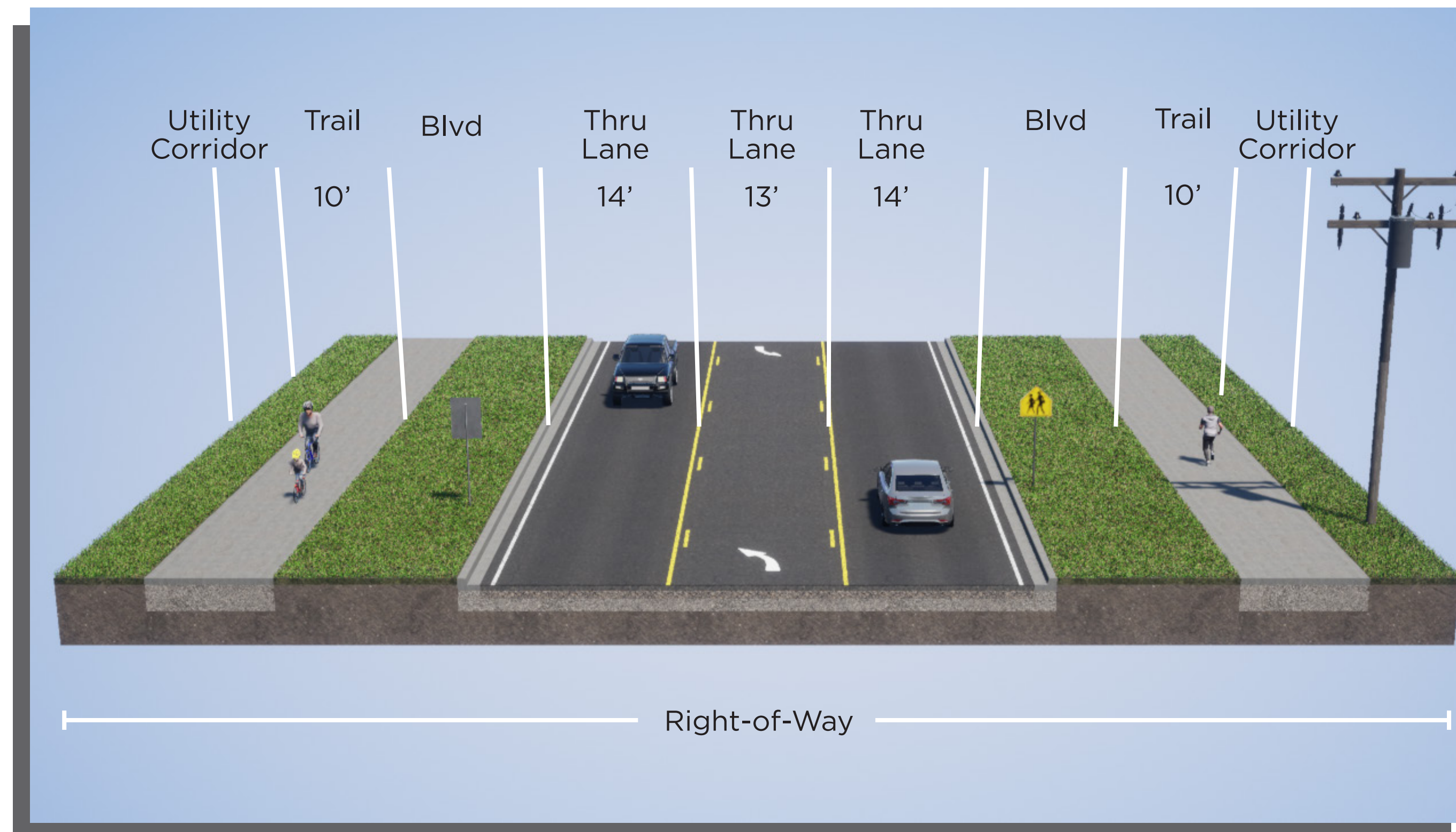
What is a Corridor Study?

A corridor study is a transportation planning project that analyzes a roadway and its surrounding area to develop a long-term vision for the corridor.

GOALS OF A CORRIDOR STUDY



Street Section Concepts



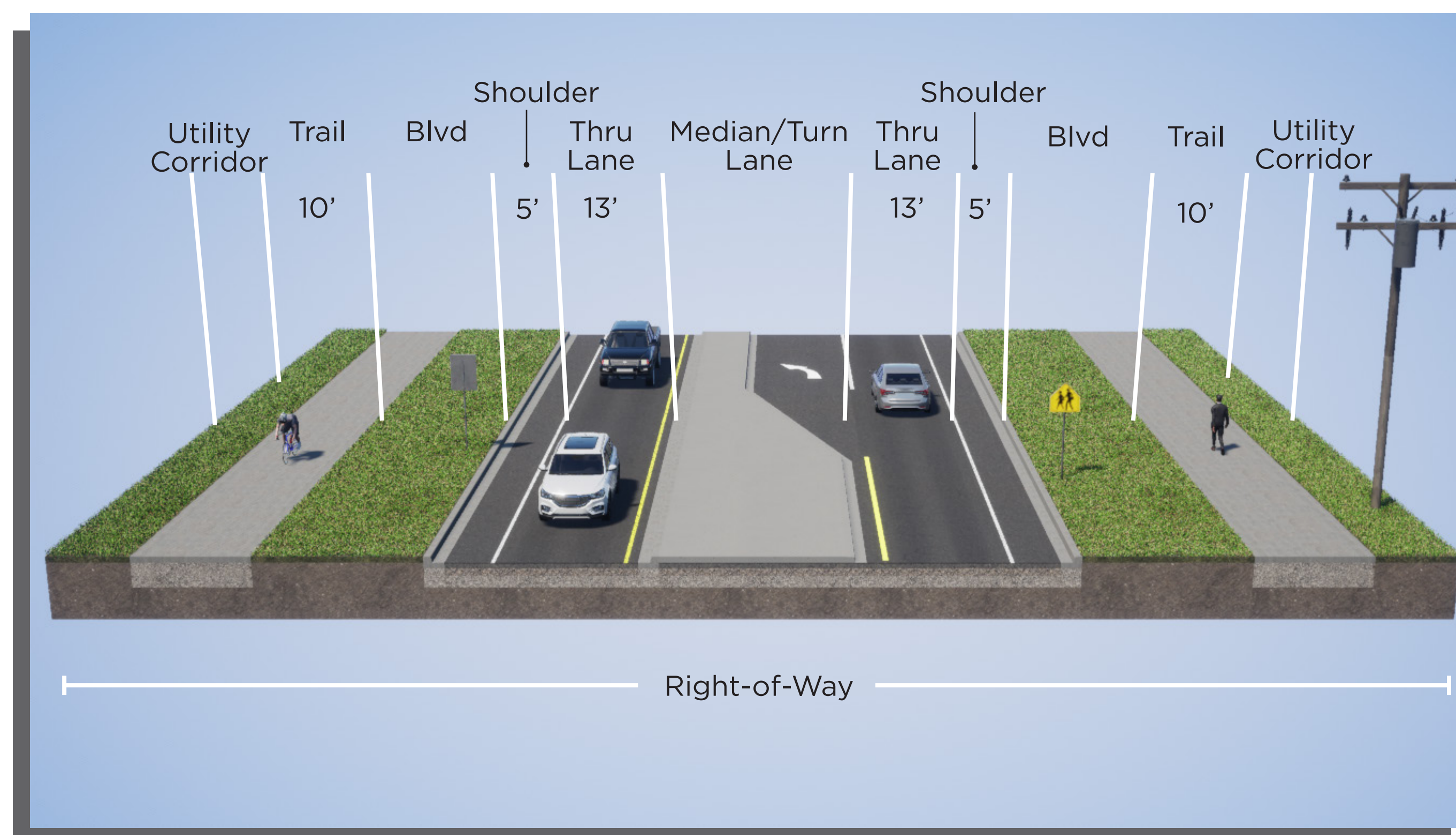
Alternative 1 Urban Two-Lane with Continuous Two-Way Left Turn Lane (CTWLTL)

✓ Pros:

- Allows for driveway location changes
- Narrower roadway width
- Easier for emergency vehicles to pass

⚠ Cons:

- Head to head crash potential
- Pedestrian crossing distance
- Center turn lane sometimes used incorrectly as acceleration lane



Alternative 2 Urban Two-Lane Divided with Turn Lanes

✓ Pros:

- Raised median promotes traffic calming
- Allows for two stage crossing (refuge island)
- Channelized turn lanes are intuitive to drivers
- Shoulders could be used for biking

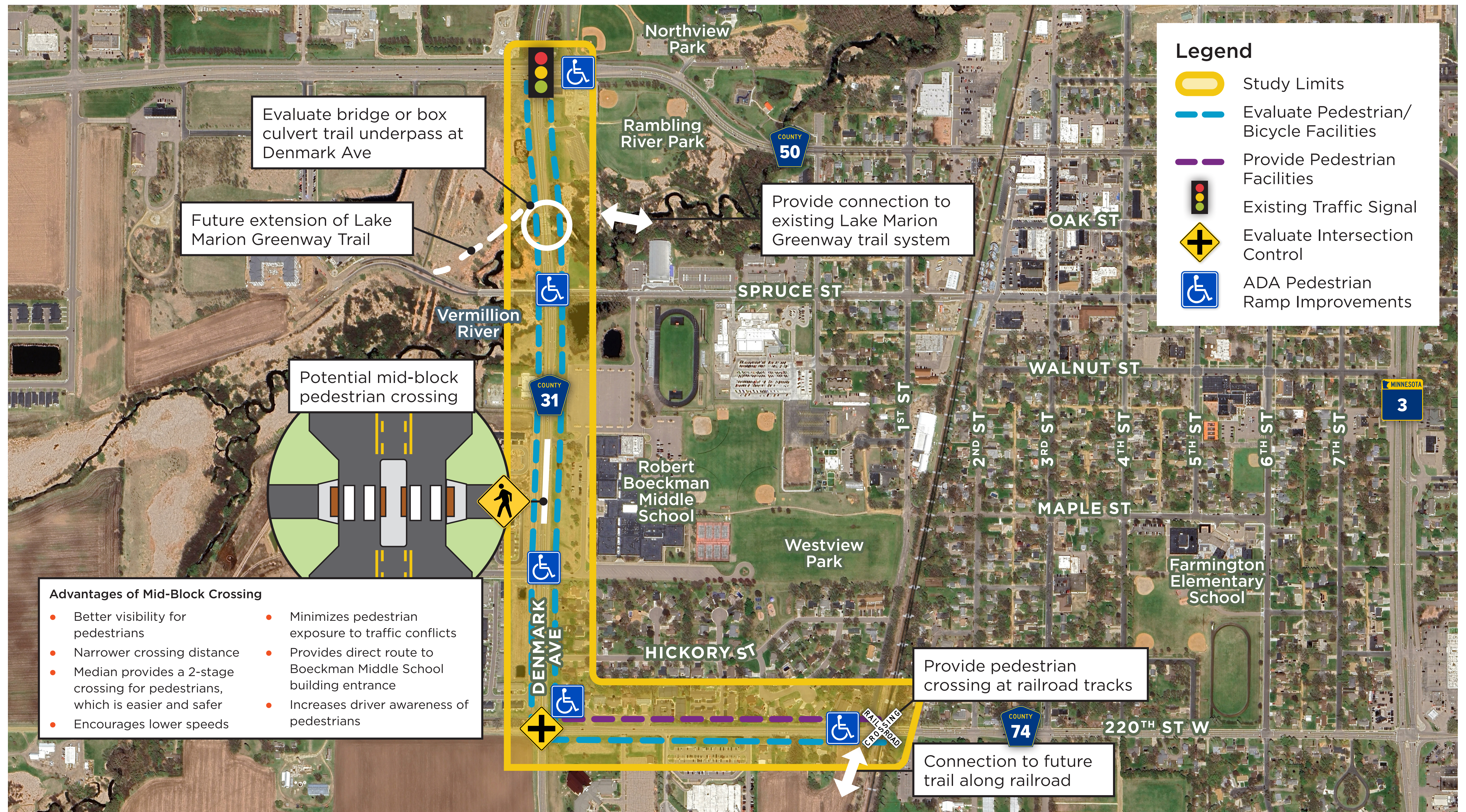
⚠ Cons:

- Wider roadway
- Doesn't work as well with closely spaced intersections
- Potential side-street access restriction
- Not as comfortable for passing stalled vehicles or pulling over for emergency vehicles

NOTES:

- Evaluate trails on each side of roadway
- Evaluate curb extensions at pedestrian crossing locations
- Right turn lanes at select locations

Proposed Pedestrian Improvements



Proposed Traffic Improvements

