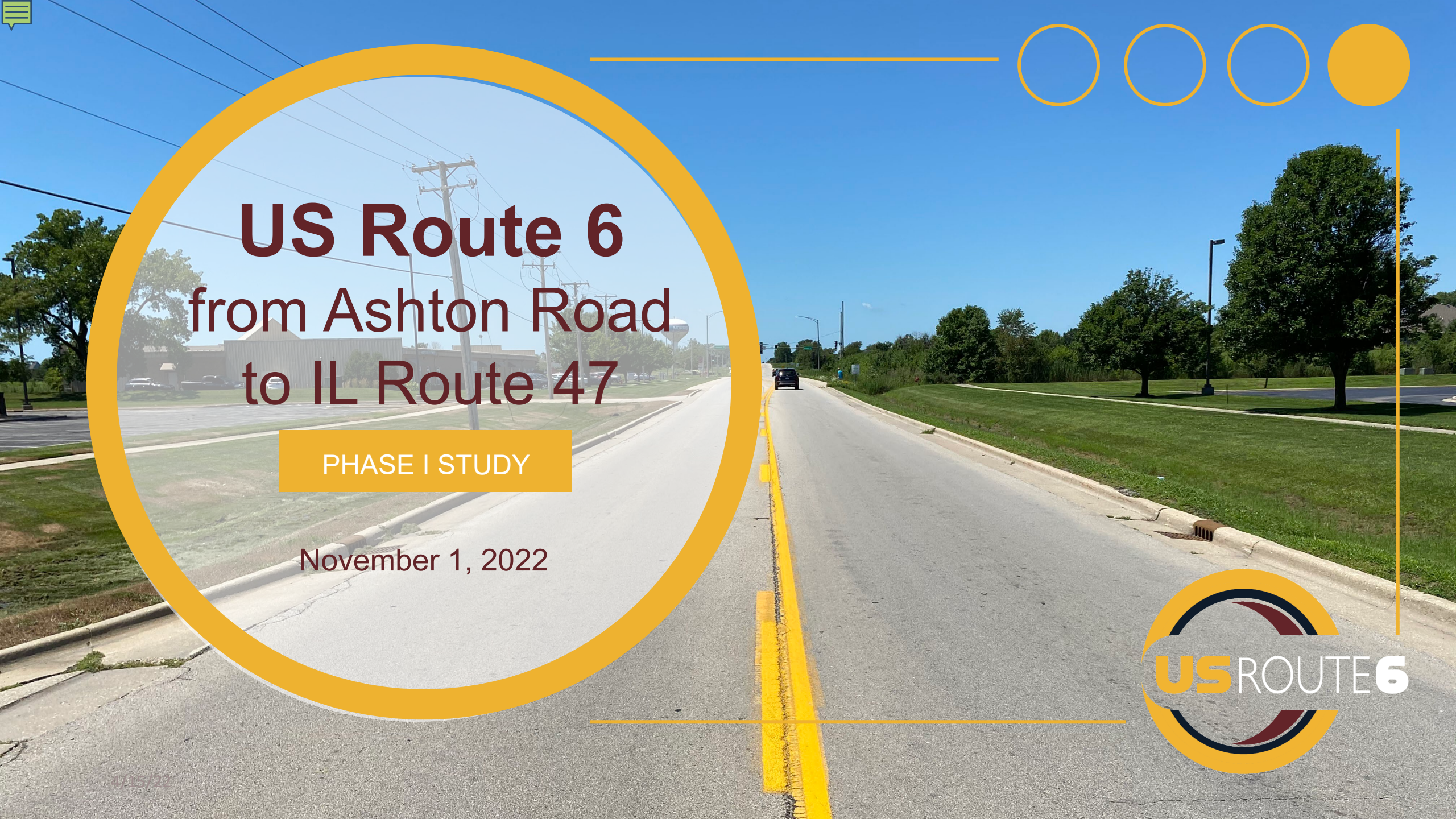




US Route 6 from Ashton Road to IL Route 47

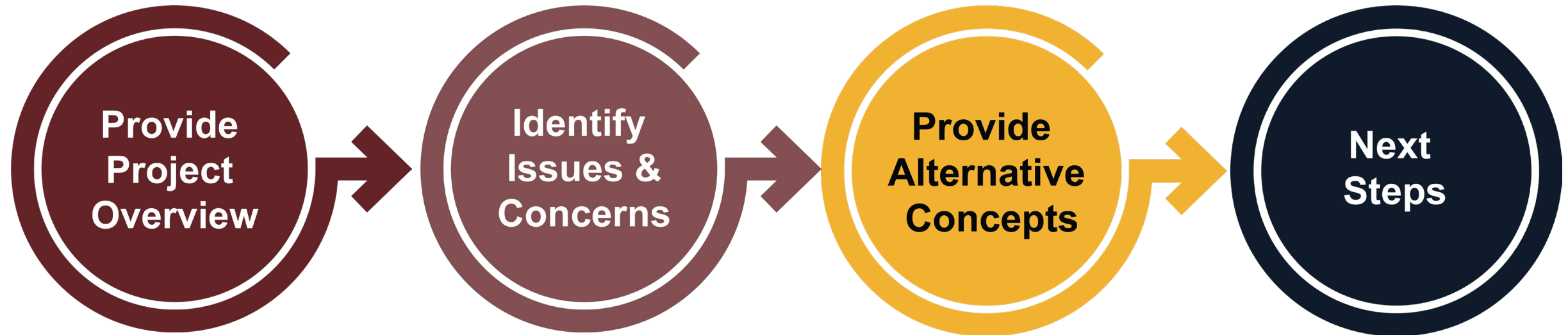
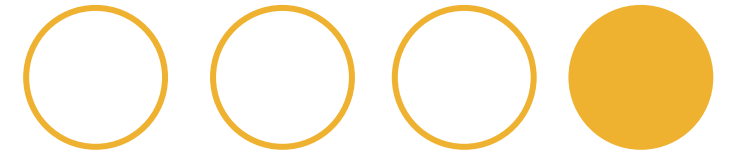
PHASE I STUDY

November 1, 2022



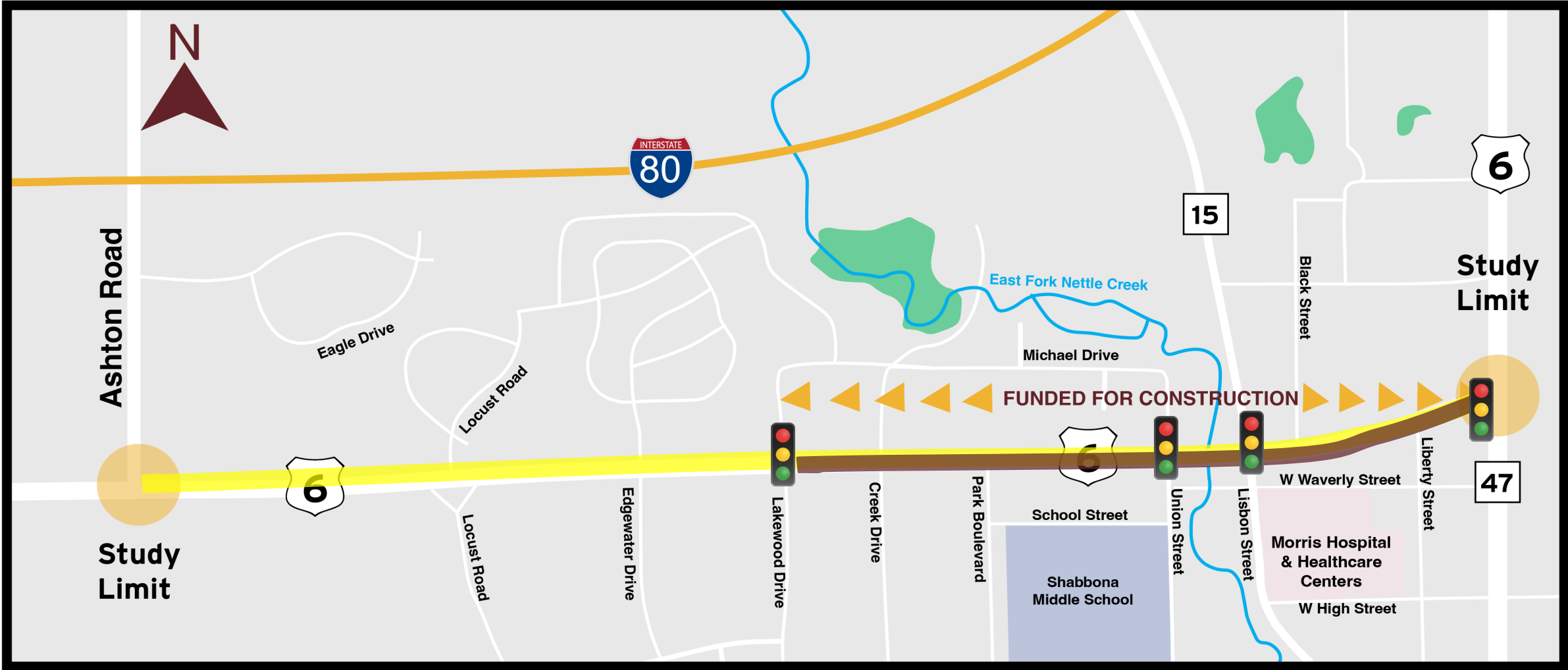
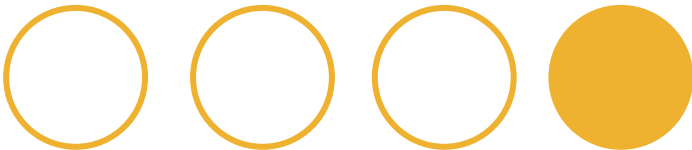


Purpose of the Public Involvement



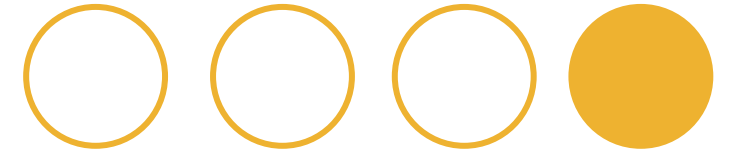


Study Limits





Purpose and Need



Purpose:

The purpose of the study is to provide a safe and efficient transportation facility for all users.

Need:

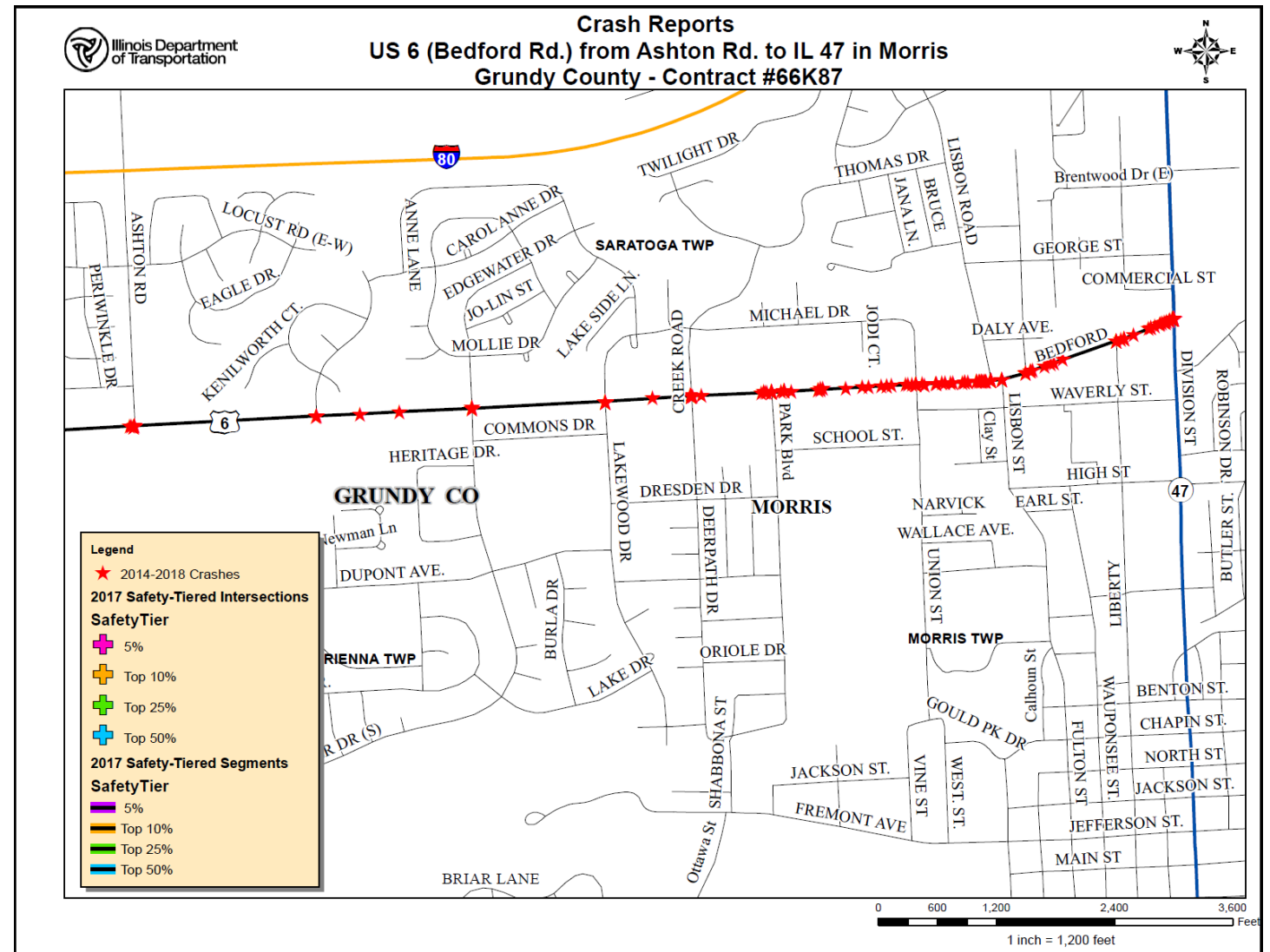
Reconstruction of the US Route 6 Roadway from Ashton Road to Illinois Route 47.

- Existing 2-lane roadway is already near capacity.
- Accommodate the planned future expansion of US 6 from 2-lane facility to a 4-lane facility, to satisfy the safety and mobility needs of the US 6 corridor.
- Provide dedicated turn lanes at various intersections to improve safety.
- Provide pedestrian (ADA) and bicycle accommodations per IDOT's complete streets policy.
- Provide drainage and other safety improvements as needed.

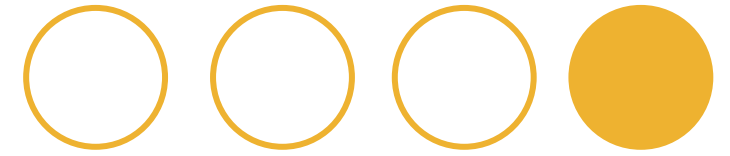
Crash Exhibits

Crash Data

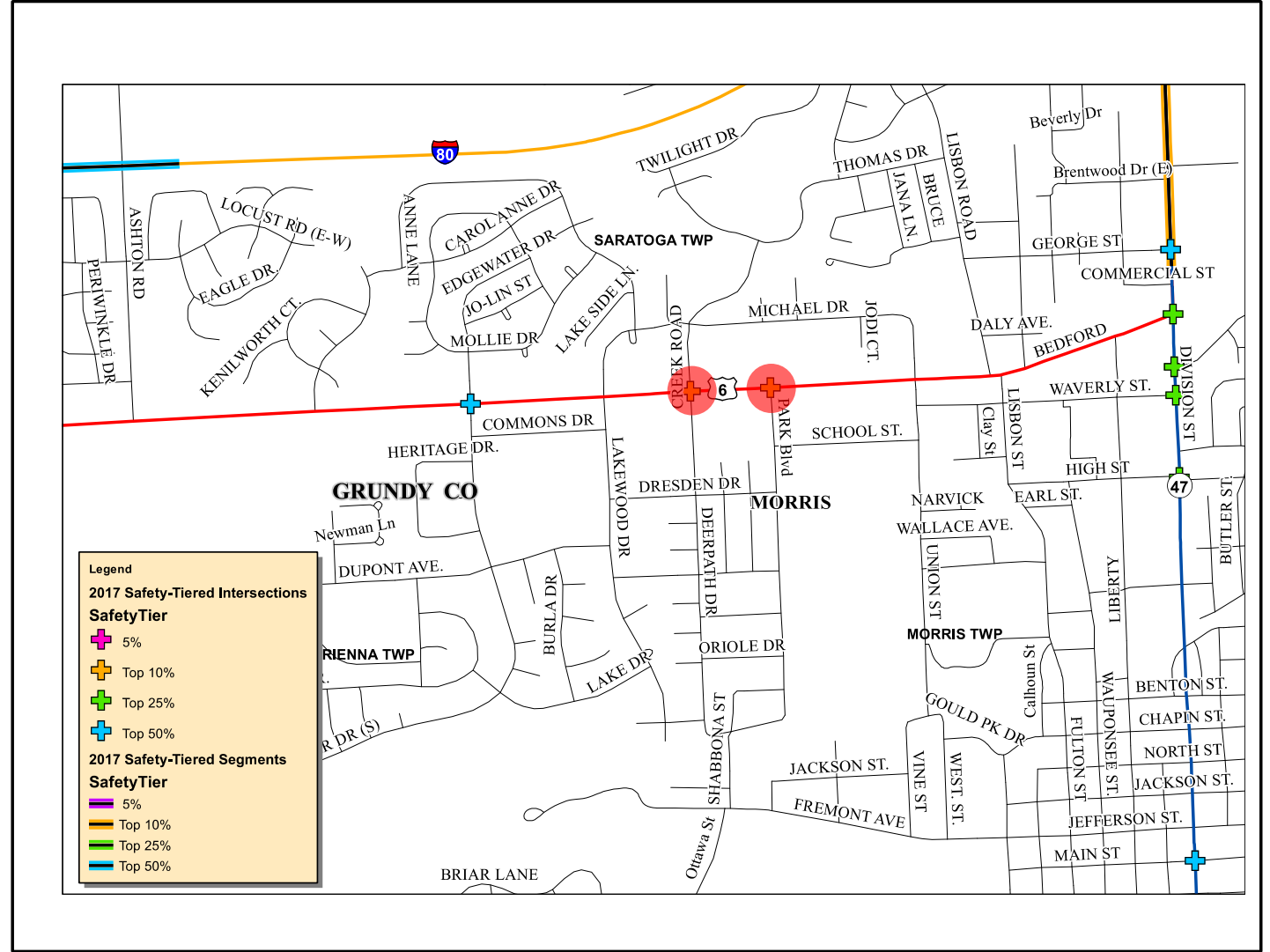
Total Crashes	241
Injuries	90
Fatality	0
Type A Injury (Incapacitating)	19
Type B Injury (Non-Incapacitating)	30
Type C Injury (Not Evident)	41
Property Damage Only	167
Pedestrian/ Bicyclists	0



Crash Exhibits

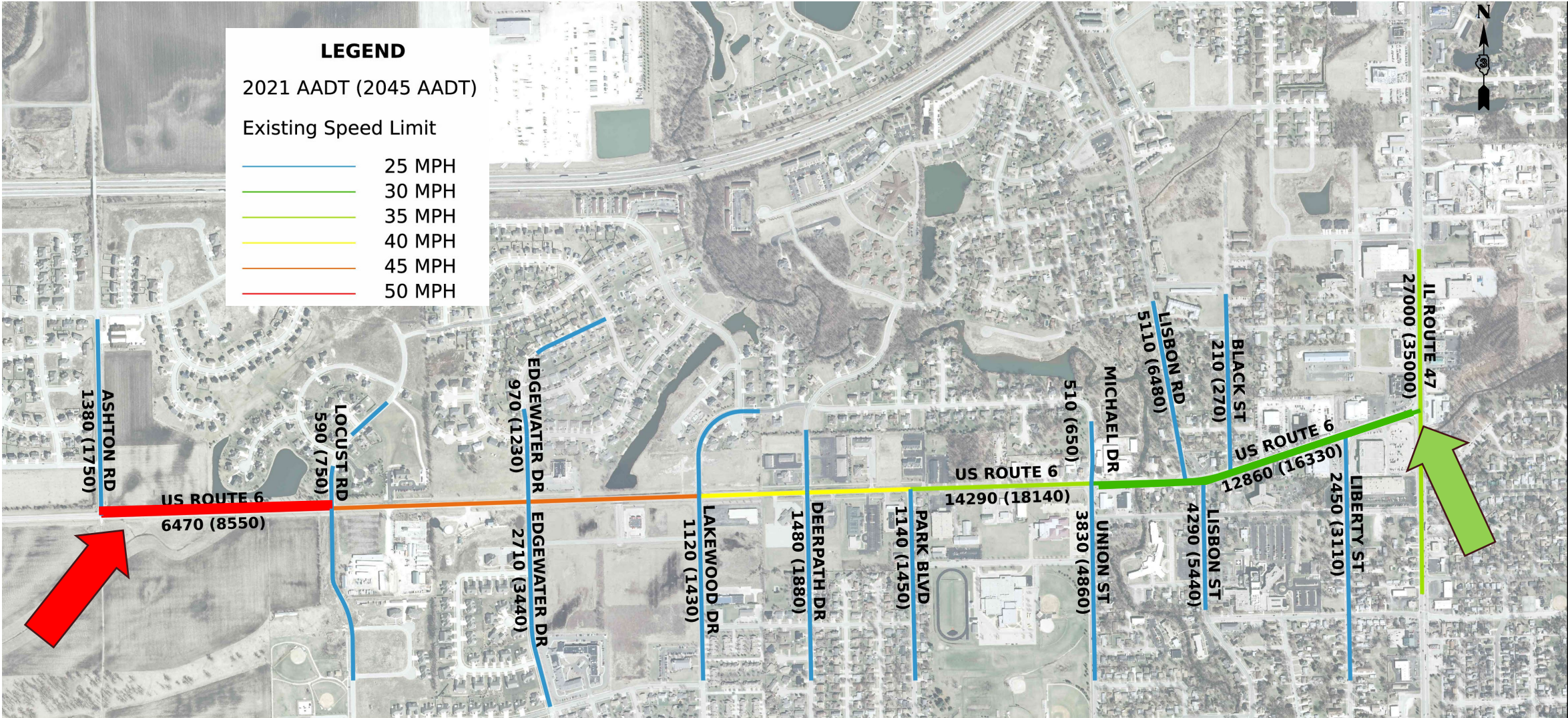


	Deerpath Dr.	Park Blvd.
Total Crashes	21	28
Rear-End	9	21
Angle	6	3
Type A	0	5
Type B	4	1
Type C	3	3

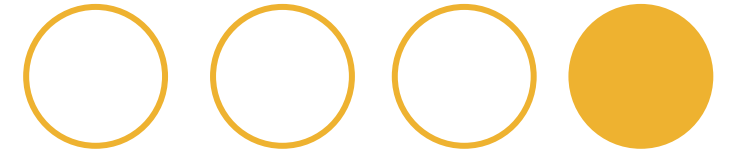




AADT/Speed Map



Areas of Concern



Two-Lane Roadway

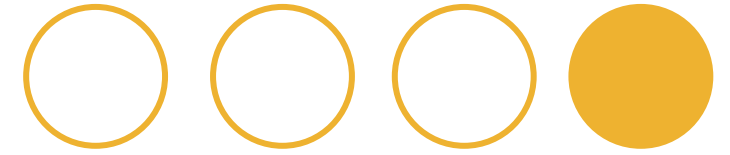
- Lack of turning lane
- Lack of pedestrian and bicycle accommodations



Intersection at Edgewater Dr.

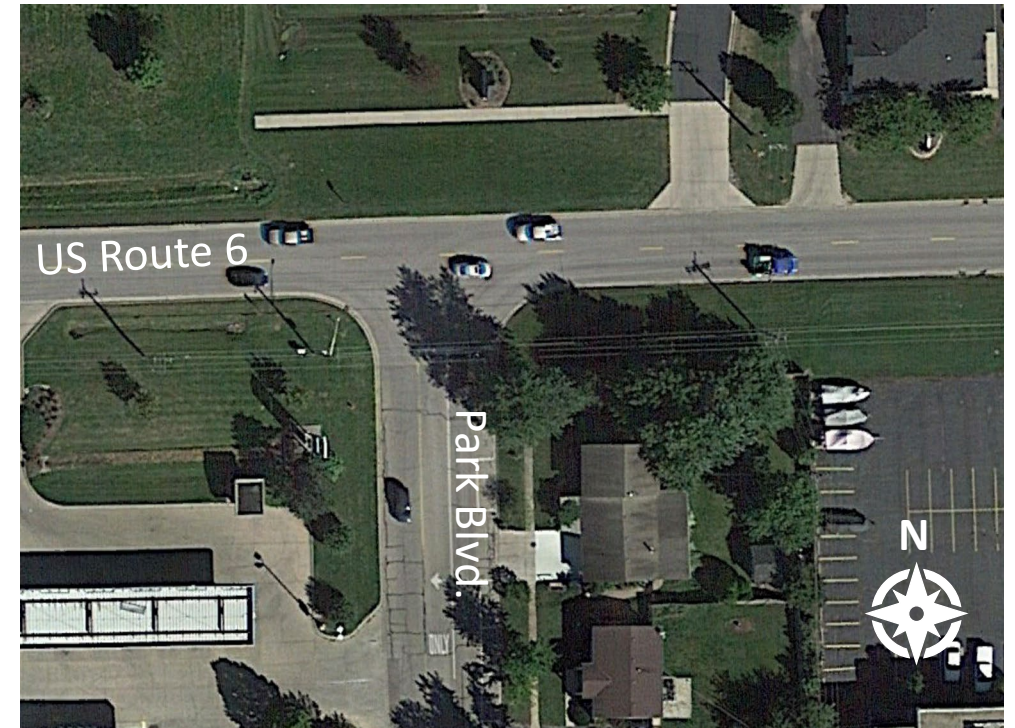
- Uncontrolled
- No pedestrian signal crossing accommodations

Areas of Concern



Intersection at Deerpath Dr.

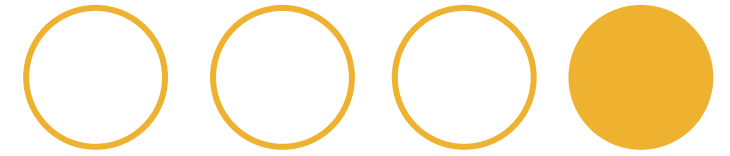
- Lacks left turn lane channelization



Intersection at Park Blvd.

- Lacks left turn lane channelization

Areas of Concern



Eastbound Queue from Lisbon Rd.

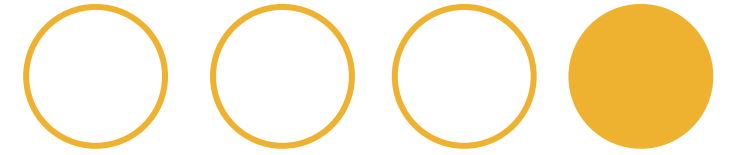
- Regularly queues from Lisbon Rd. through Union St.



Bridge at Nettle Creek

- Modify to provide:
 - Additional through traffic lanes
 - Bicycle accommodations

Areas of Concern



Lisbon St./Rd. Offset

- Consider alternatives to improve safety and traffic flow



IL Route 47

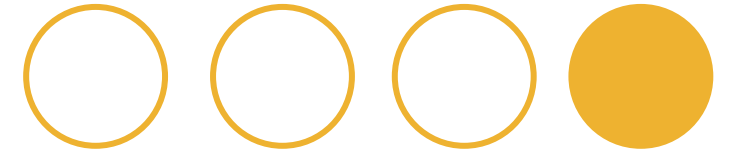
- Consider alternatives to improve safety and traffic flow



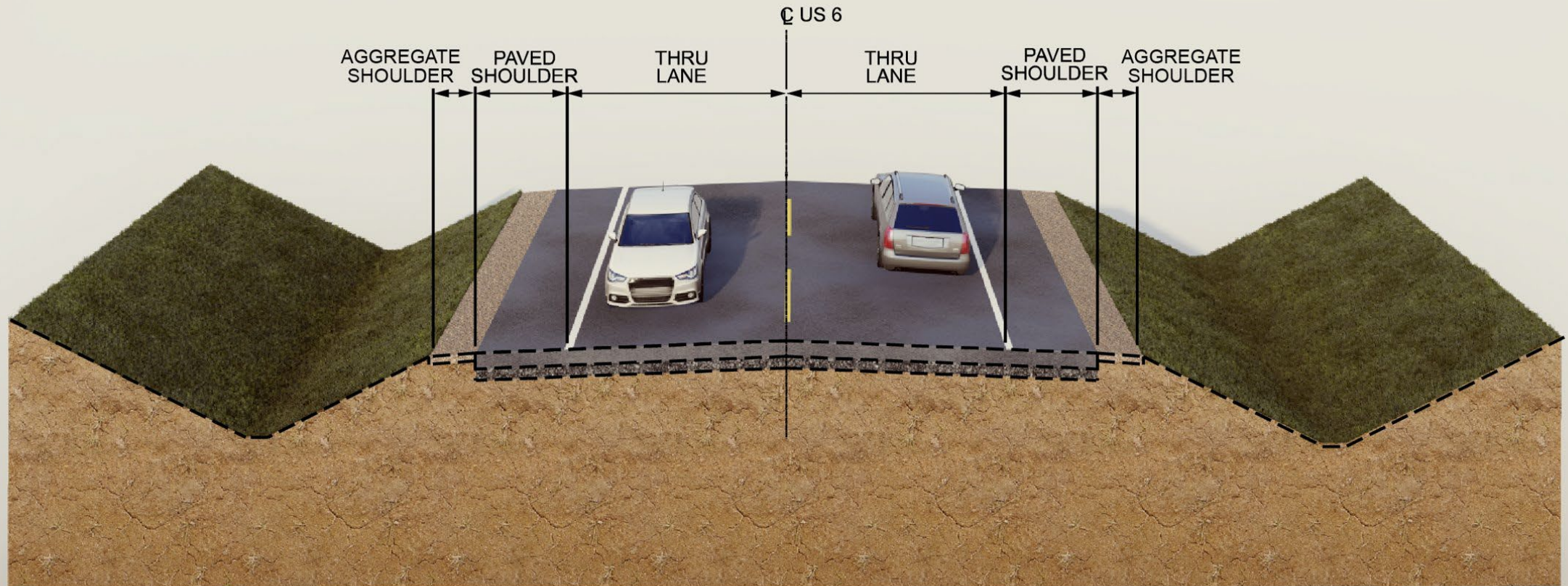
Lisbon Road Queue Study



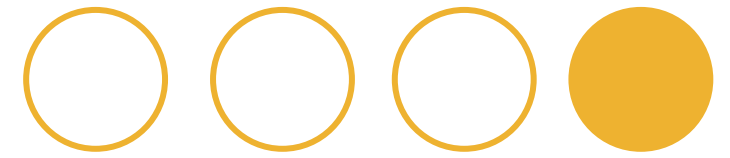
Existing Typical Sections



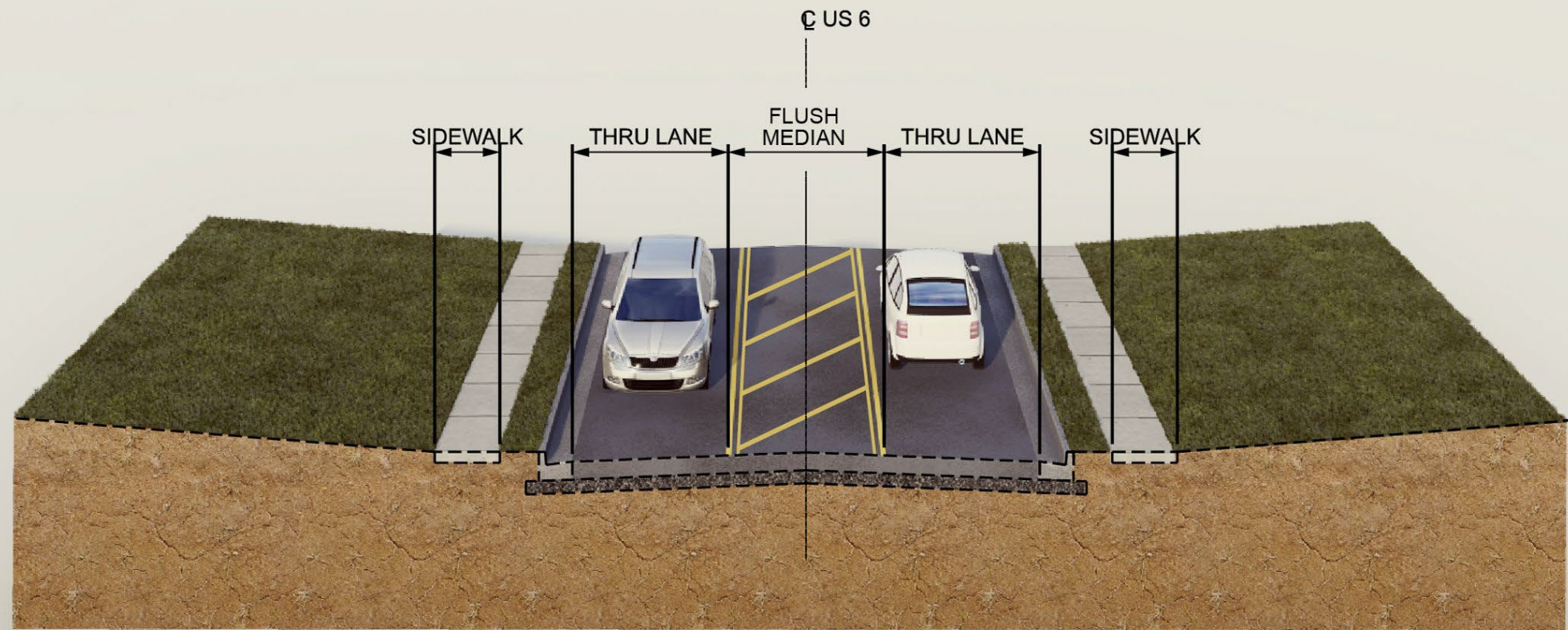
EXISTING TYPICAL SECTION RURAL



Existing Typical Sections



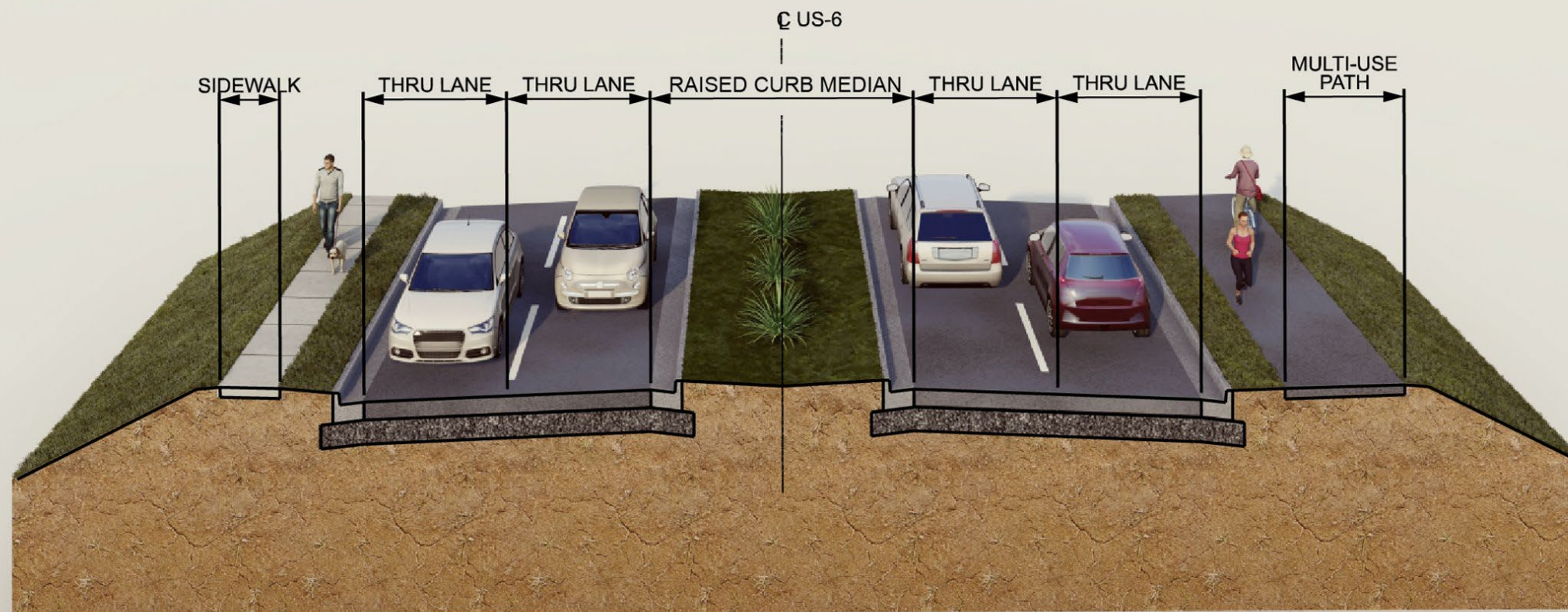
EXISTING TYPICAL SECTION URBAN



Median Concepts



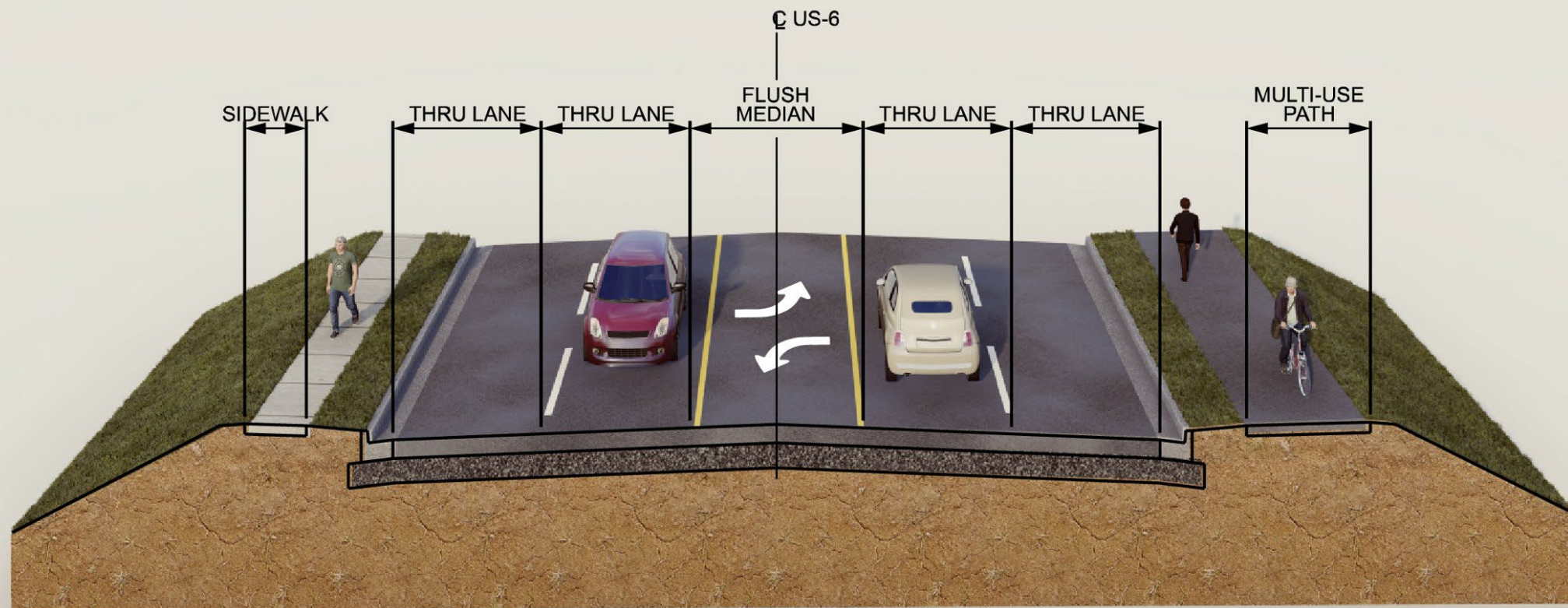
CONCEPT TYPICAL SECTION RAISED CURB MEDIAN



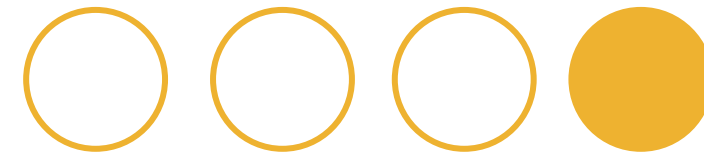
Median Concepts



CONCEPT TYPICAL SECTION W/FLUSH MEDIAN



Median Concepts

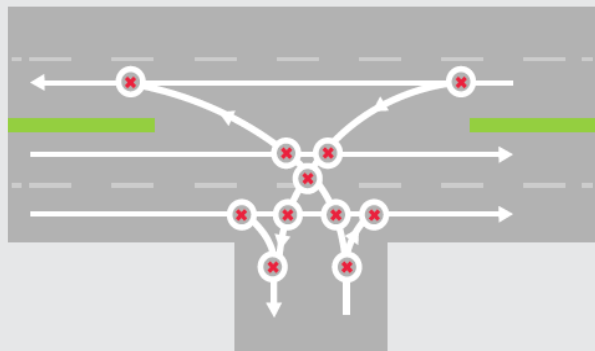


Raised curb medians benefits

When compared to a flush median, **raised curb medians present 81% fewer conflict points**, which are locations where a collision can happen.

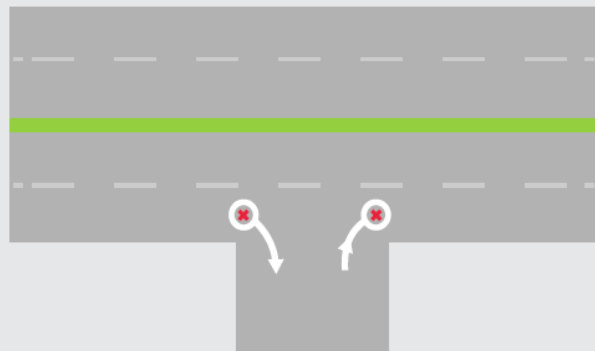
Flush median

11 conflict points



Raised curb median

2 conflict points



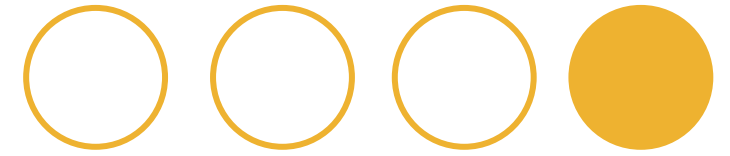
KEY FINDINGS

Overall crash rates were significantly lower when raised curb medians were present.

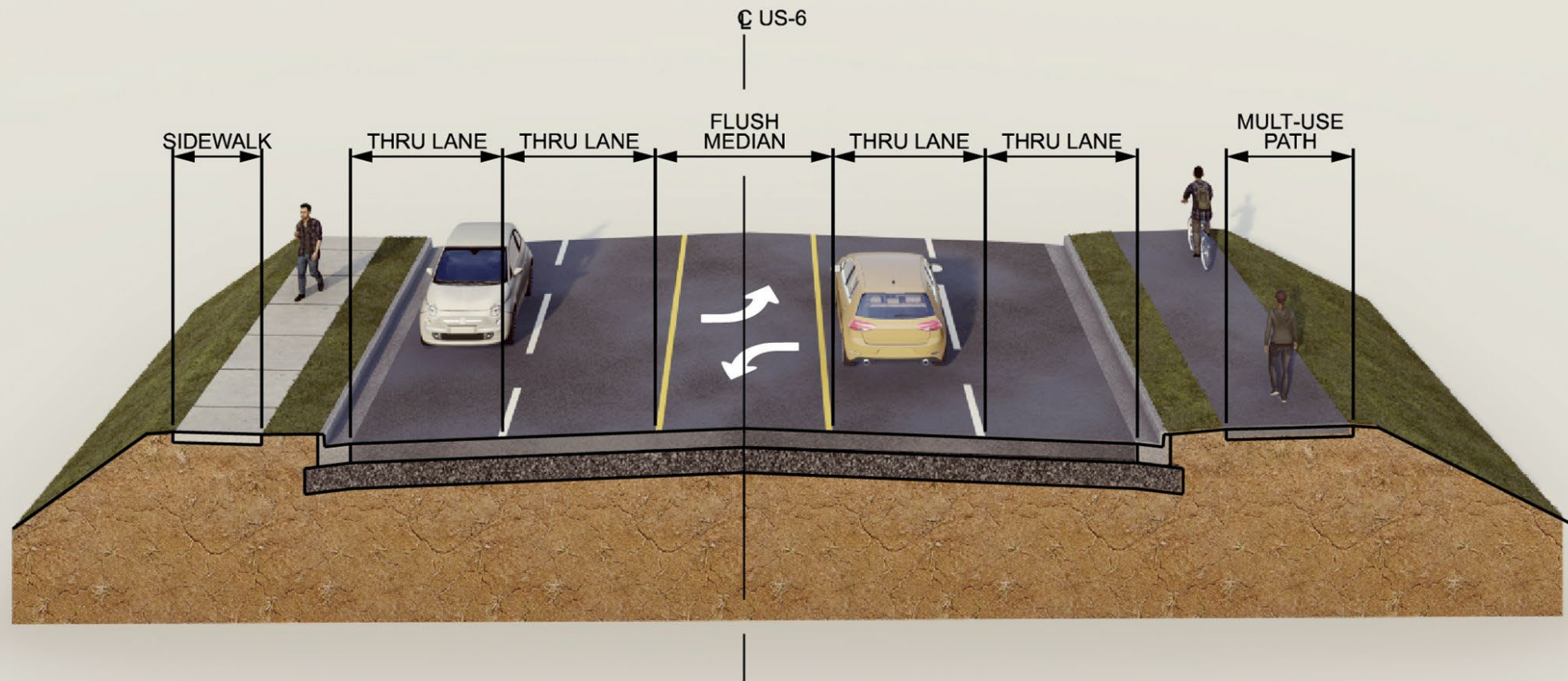
Crash reduction rate with raised curb medians



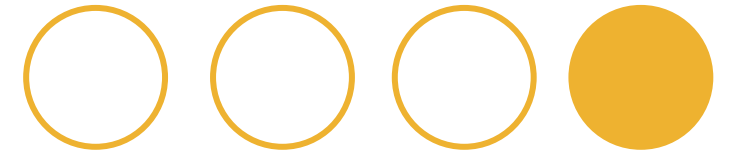
Bike Accommodations



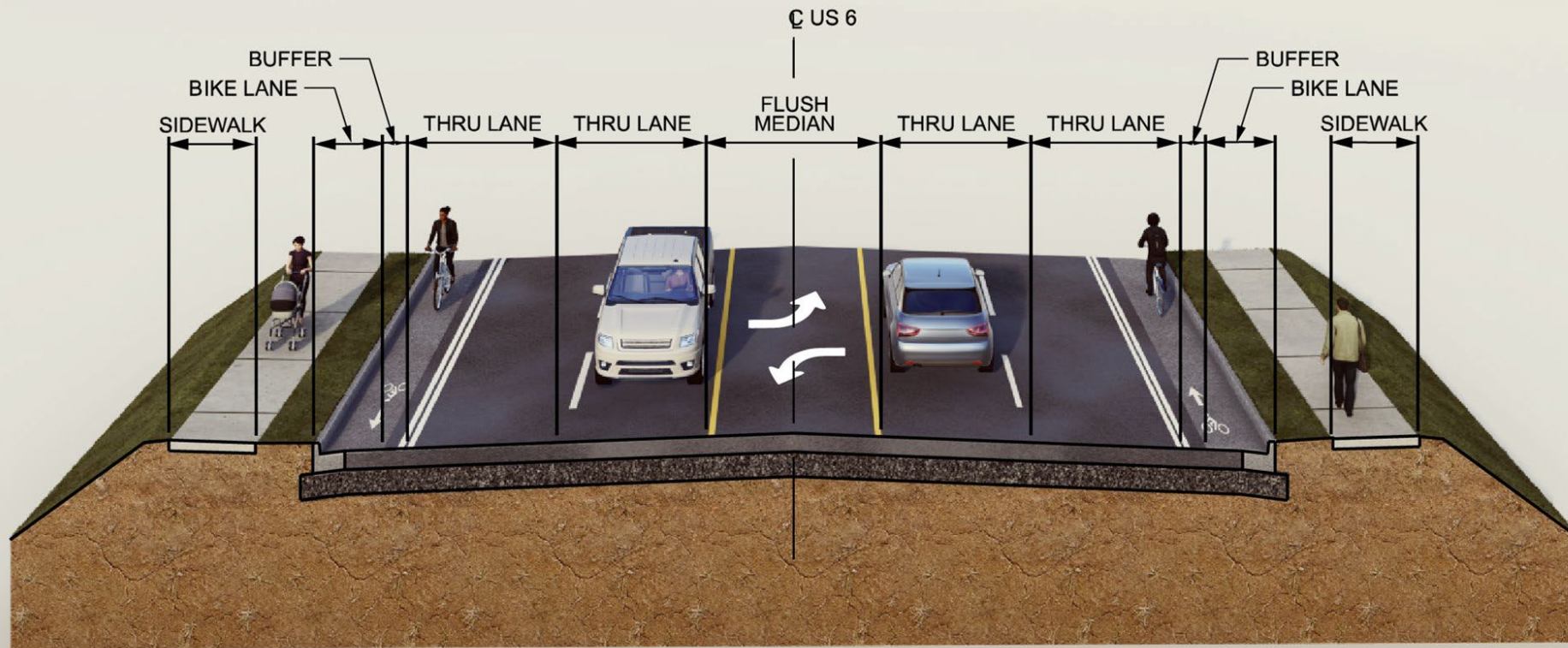
CONCEPT TYPICAL SECTION MULTI-USE PATH ALTERNATIVE



Bike Accommodations

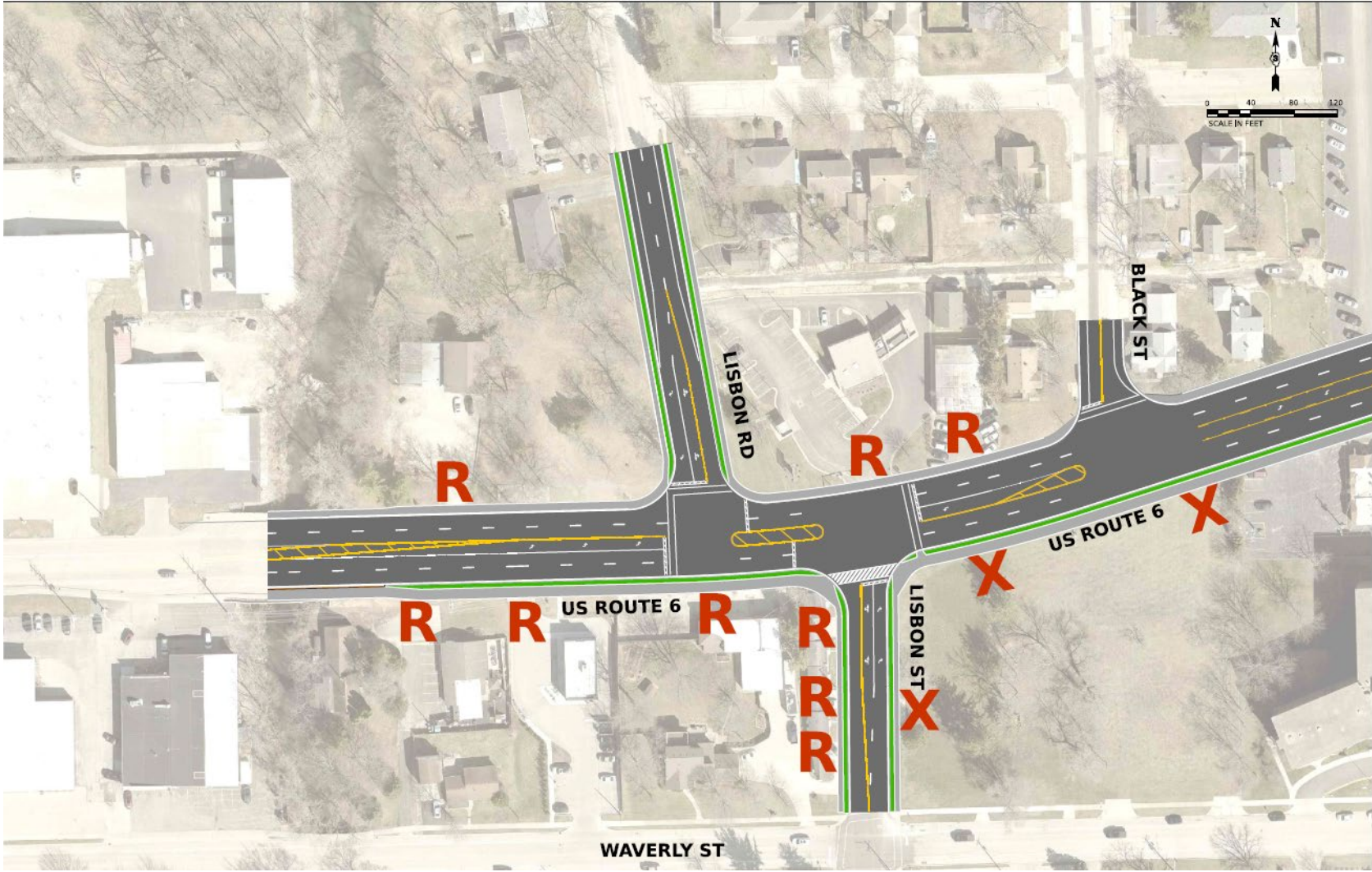


CONCEPT TYPICAL SECTION BIKE LANE ALTERNATIVE



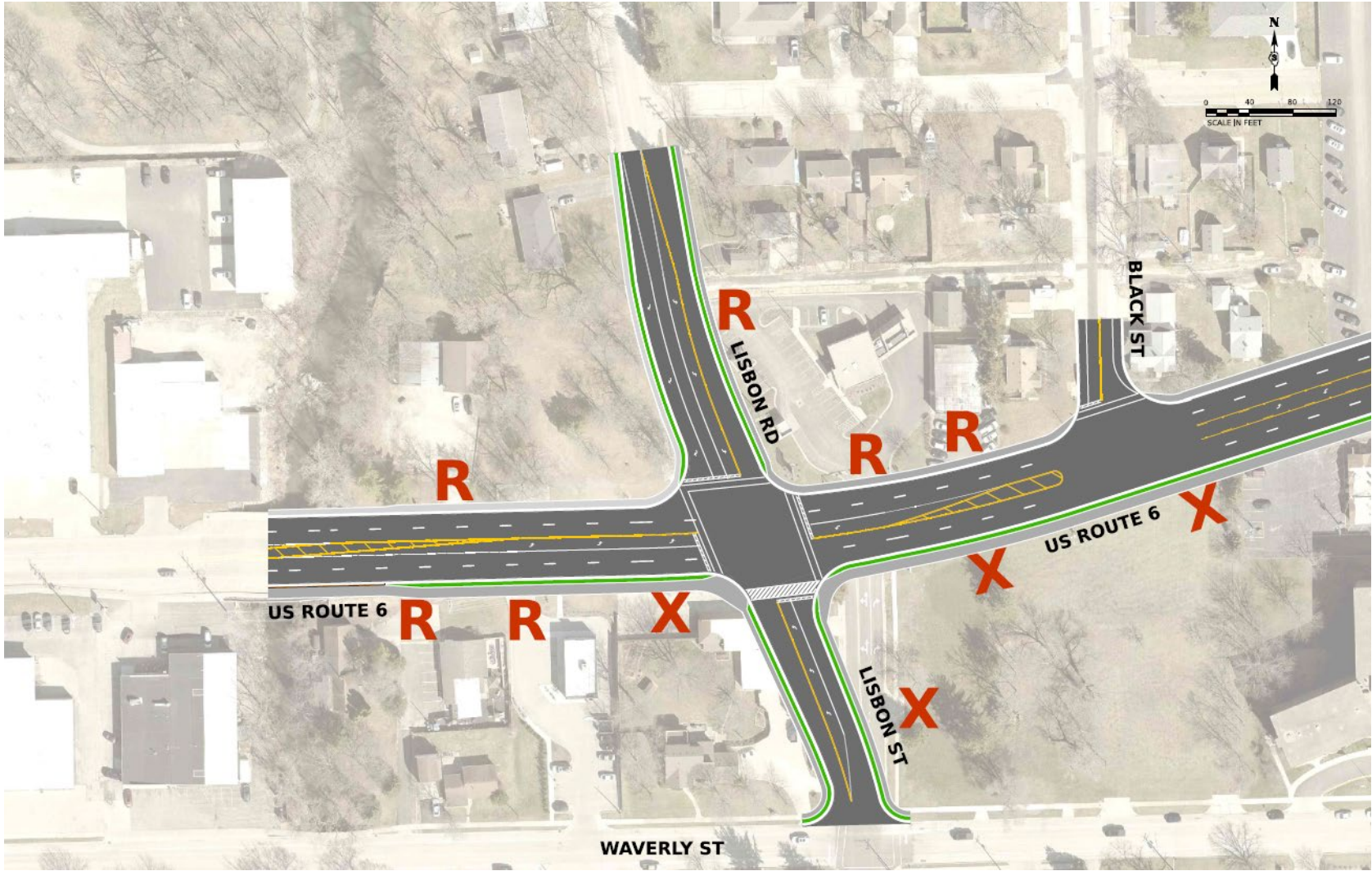


Lisbon Road Alternative 1

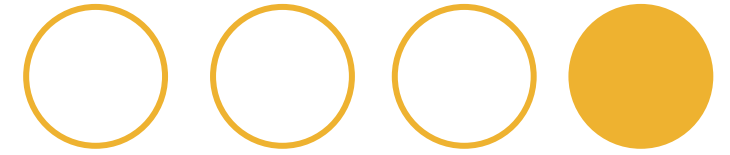




Lisbon Road Alternative 2

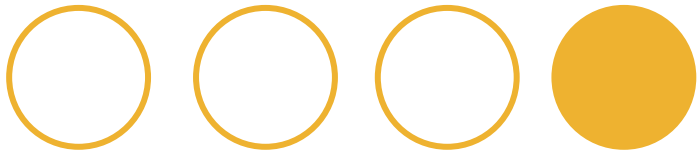


Lisbon Road Alternative 3



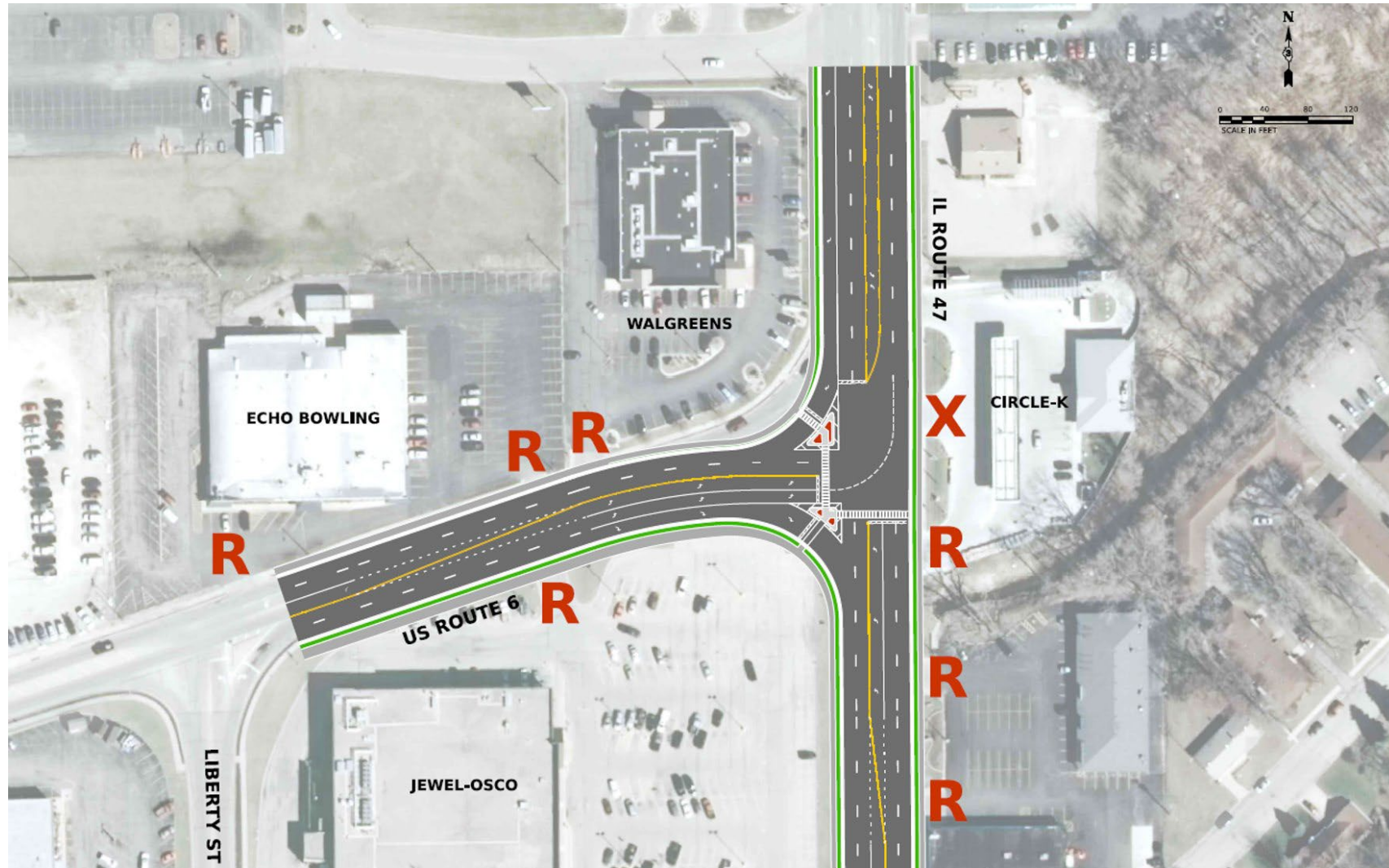
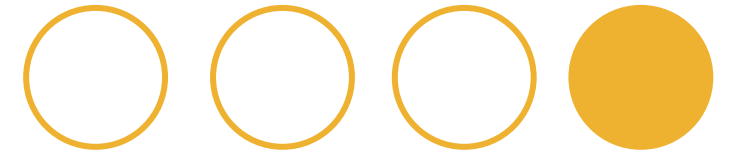


Lisbon Road Alternative Matrix

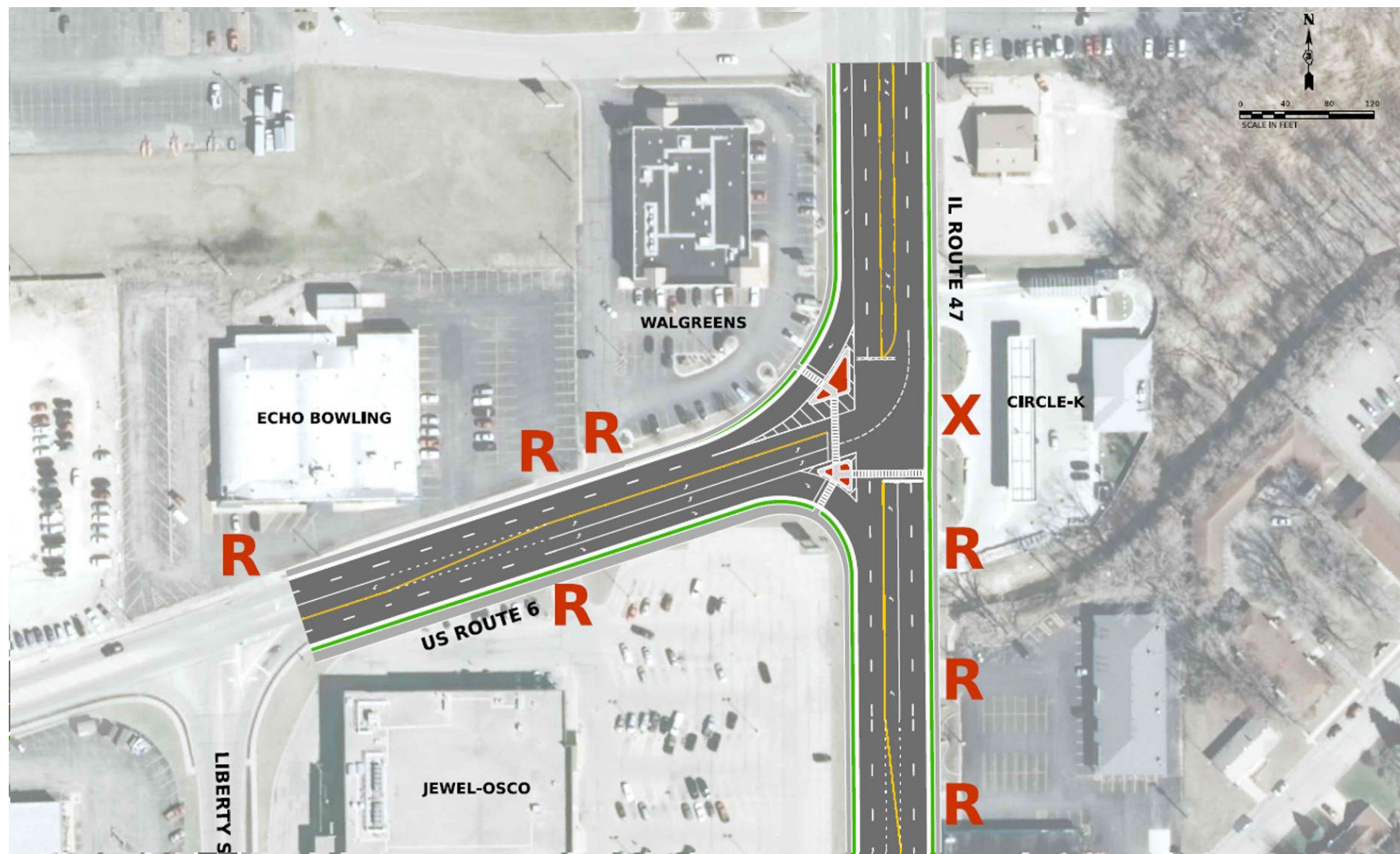


Comparison Features		No Build	Alternative 1 T-Intersection	Alternative 2 Standard Intersection	Alternative 3 Roundabout
Accessibility	Driver Expectancy	Good	Good	Best	Fair
	Emergency Vehicle Access	Good	Good	Best	Fair
Multi-Modal Accommodations	Bicycle	No	Yes	Yes	Yes
	Pedestrians	Yes	Yes	Yes	Yes
Safety				- Improved geometry - Improve sight distances	- Improved geometry - Reduce severe crashes
Traffic Operations	Level of Service (LOS)	C	B	B	A
	Delay	Average	Below Average	Below Average	Brief
	Queue	Long	Median	Median	Short
ROW Impacts	Residential Properties	None	Low	High	High
	Commercial Properties	None	Low	High	High
Constructability		N/A	Simple	Moderate	Complex

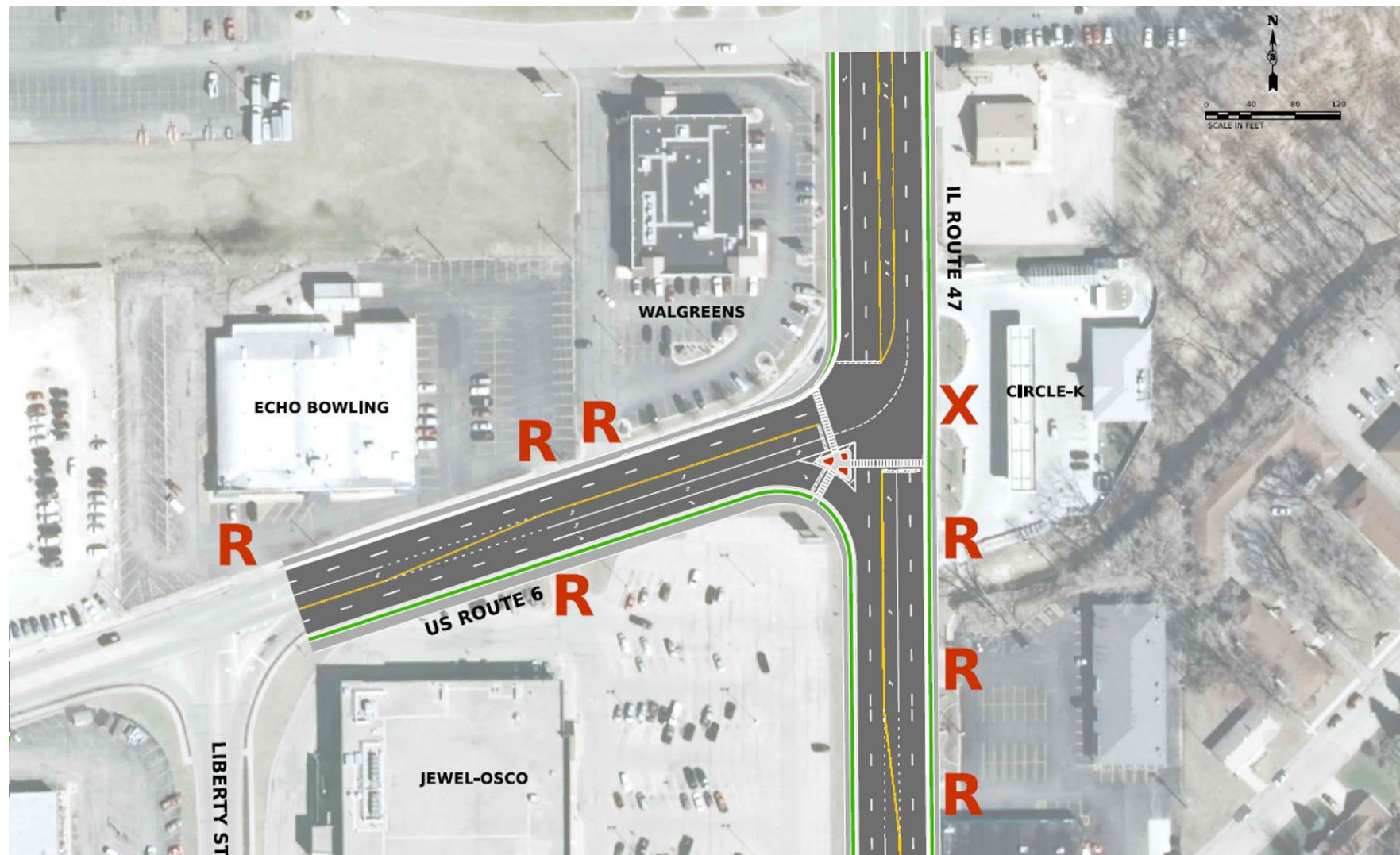
IL Route 47 Alternative 1



IL Route 47 Alternative 2



IL Route 47 Alternative 3



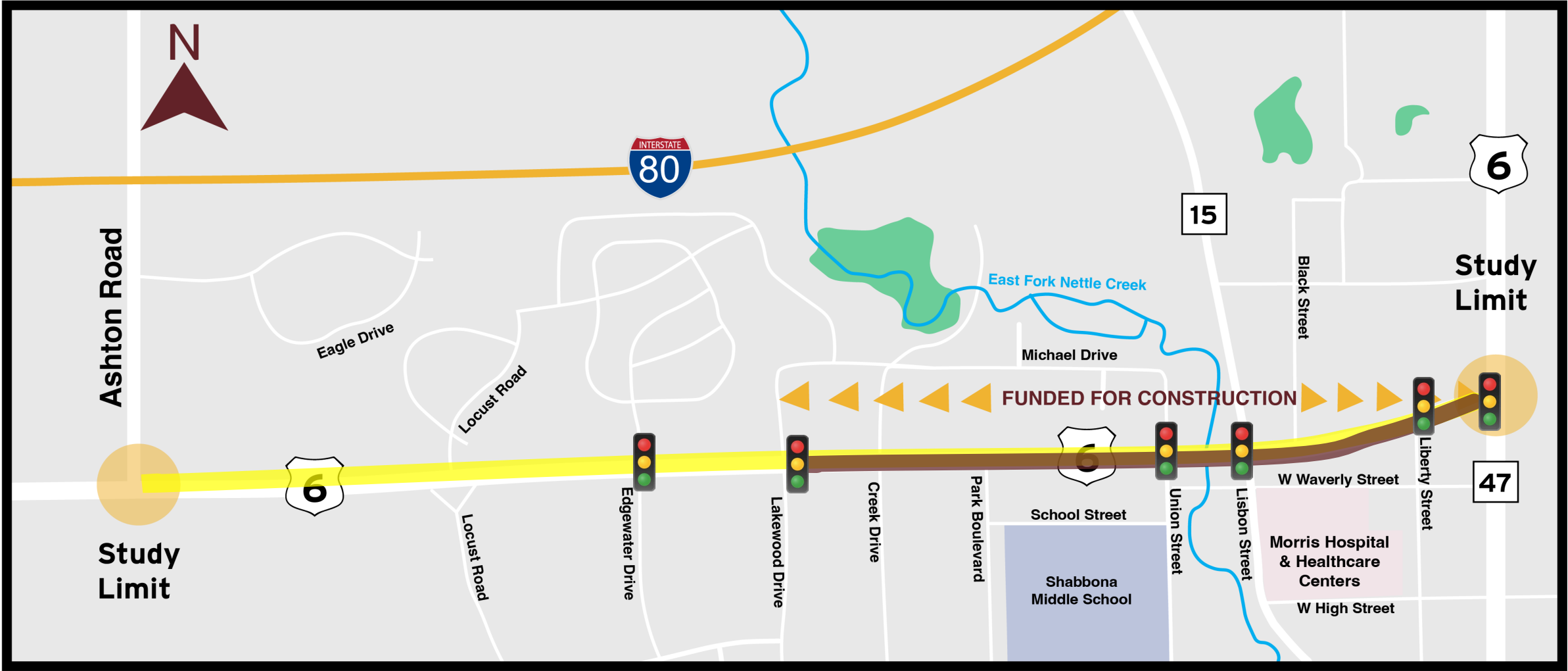
IL Route 47 Alternative Matrix



Comparison Features		No Build	Alternative 1 Realigned	Alternative 2 with Corner Island	Alternative 3 without Corner Island
Accessibility	Driver Expectancy	Fair	Best	Good	Good
	Emergency Vehicle Access	Fair	Best	Good	Good
Multi-Modal Accomodations	Bicycle	No	Yes	Yes	Yes
	Pedestrians	Yes	Yes	Yes	Yes
Traffic Operations	Benefits	- No additional cost to project - No impacts to adjacent properties	- Standard 3-leg intersection at 90-degree angle - Improves NB left turn movement - Reduces turning speed for SB right turn - Improves sight lines for turning traffic - Improves pedestrian safety	- Closely mirrors existing condition - NB left and SB right can turn simultaneously - Pedestrian refuge area at islands	- Reduces turning speed for SB right turn - Standard SB right turn simplifies operations and reduces conflicts - Standard SB right turn improves pedestrian visibility and safety - Pedestrian refuge area at island
	Drawbacks	- Roadway near capacity - Continued congestion - No pedestrian refuge islands - Poor intersection operations	More impacts to adjacent properties	Weaving safety issue	- Longer NB left turn movement - Reduced SB right turn radii
ROW Impacts	Residential Properties	None	None	None	None
	Commercial Properties	None	High	Low	Low



Traffic Signals





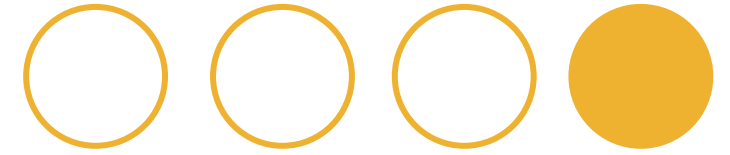
Schedule



*This project is tentatively funded for Construction in FY 2023-2028, subject to program readiness and funding availability.



Next Steps



Obtain public
input



Develop a
Preferred
Alternative



Present the Preferred
Alternative at a future
Public Information
Meeting



Submit Final Project
Development
Report



Obtain Design
Approval

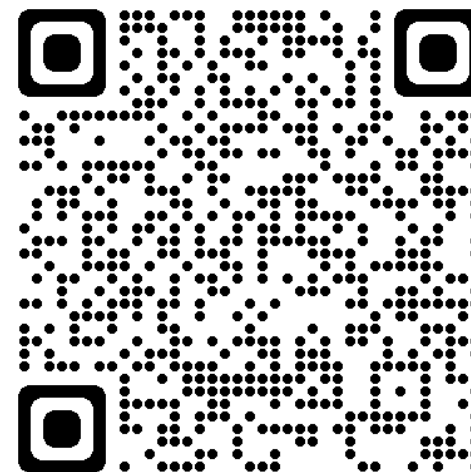
How to Get Involved



HOW TO GIVE INPUT



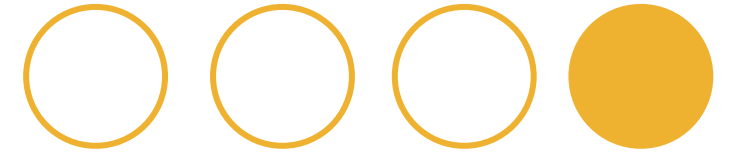
Visit the website to stay up
to date on the project.



WEBSITE: <https://idot.illinois.gov/projects/us-6-ashton-road-to-il-47-morris/home#top>



Wells & Septic Systems



Please notify IDOT if you have any sensitive infrastructure on your property such as wells or septic systems.



How to provide comments:

- Submit a comment form
- Email comments to Jacob Oyier at IDOT:
Jacob.Oyier@illinois.gov

Comments received by **November 30, 2022** will become part of the public record and a summary of all comments will be posted to the project website along with the Department's response.

A photograph of a multi-lane road with cars and trees under a blue sky. A large orange banner is overlaid in the center of the image, containing the text "THANK YOU!".

THANK YOU!