



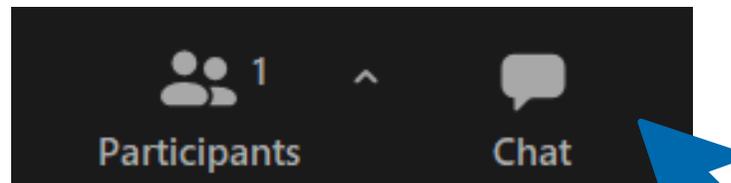
Intersection Improvement Projects Cross Pointe & Burkhardt

March 10, 2021



WELCOME

- Only the Project Team has cameras and mics on
- Use the chat function in the black bar to ask a question
- Questions can be typed in the chat function at any time
- The moderator will pose questions at end of the presentation



Bottom of your screen



PRESENTERS



David Goffinet
Lochmueller Group
Stakeholder Coordinator



Jeff Whitaker
Lochmueller Group
Project Manager



Toby Randolph
Parsons Transportation Group
Lead Designer



AGENDA

1) Project Overview

**2) Cross Pointe and Burkhardt
Proposed Improvements**

3) Next Steps

4) Questions





PROJECT OVERVIEW

PROJECT PURPOSE

- Improve safety
- Improve mobility
- Maintain accessibility

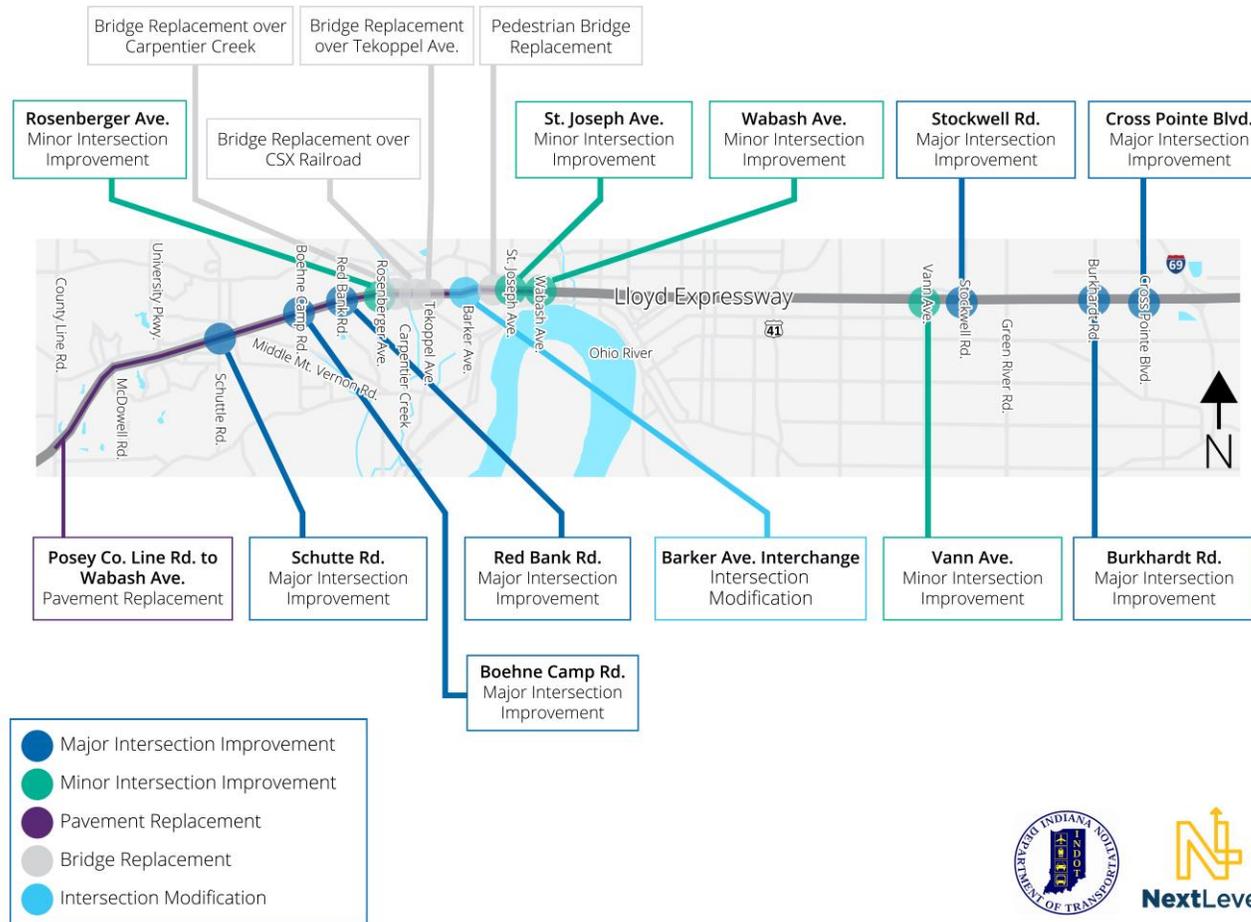


PROJECT OVERVIEW

- Includes more than a dozen improvement projects
- INDOT plans to invest more than \$100 million
- Projects extend across Vanderburgh County, from Cross Pointe Boulevard to Posey County Line Road
- Projects include intersection improvements, bridge replacements, pavement replacement and more



IMPROVEMENT LOCATIONS



- All design concepts are preliminary and subject to change





ALTERNATIVE DESIGNS

DISPLACED LEFT TURN

- Also known as a continuous flow intersection
- Vehicles turning left cross traffic and move to the other side of the road, with a signal, in advance of the intersection
- Traffic turning left moves with through traffic at the same time
- Left turn signal is removed from the intersection, allowing continuous flow for vehicles in both directions
- Reduces conflict points, improving safety

(FHWA Video example of displaced left turn)





ALTERNATIVE INTERSECTIONS

Displaced Left Turn



U.S. Department of Transportation
Federal Highway Administration



Safe Roads for a Safer Future
Investment in roadway safety saves lives

BOULEVARD LEFT TURN

- A type of left turn maneuver that eliminates left turns from the main intersection
- Vehicles are rerouted through the intersection and turn left through a one-way median (make a U-turn) back to the intersection
- All boulevard lefts planned for TheLloyd4U include a traffic signal for the left turn at the one-way median
- Reduces conflict points, improving safety



HYBRID SOLUTION

- Includes elements from both a displaced left turn and a boulevard left turn
- Elements work in tandem to improve intersection performance, safety and wait times





IMPROVEMENT PROJECTS

CROSS POINTE BOULEVARD

Current Conditions

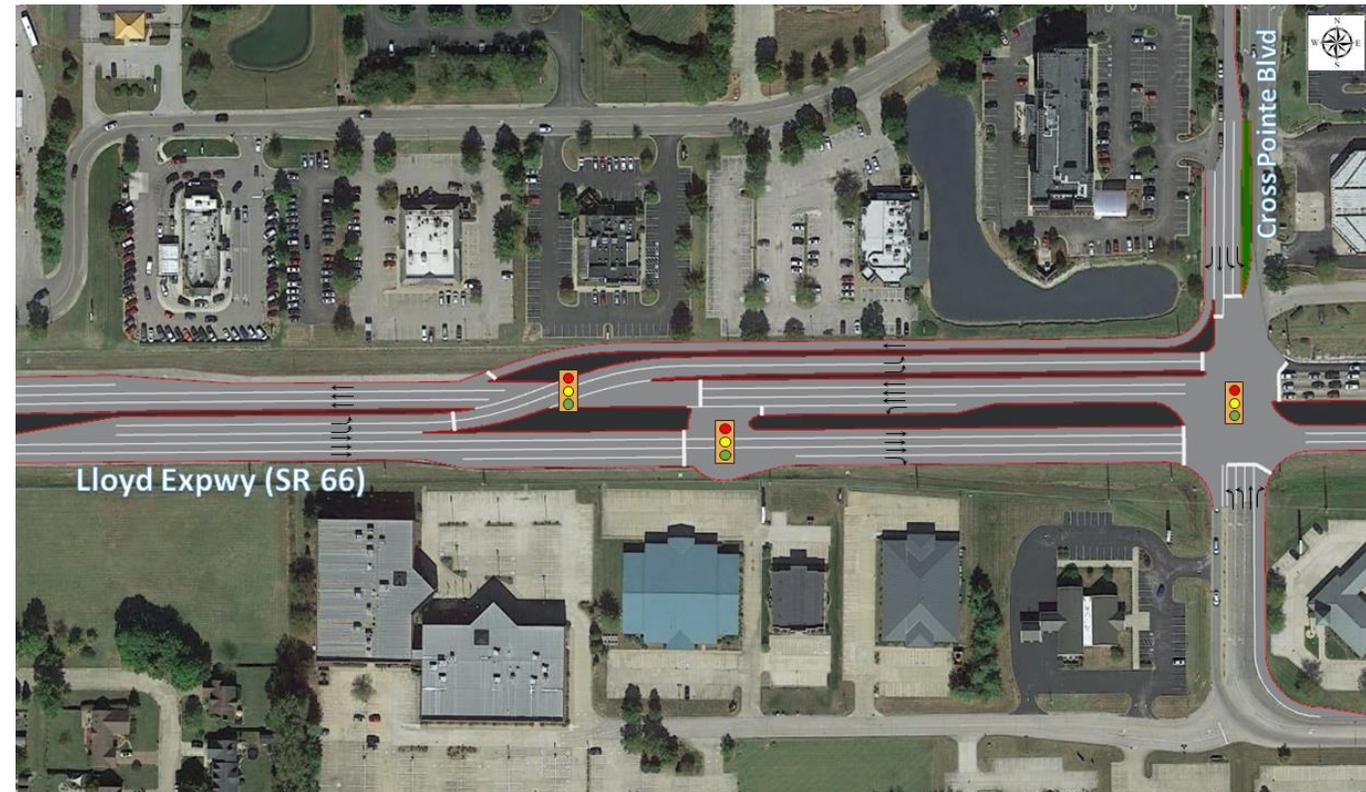
- Heavy commercial corridor
- Cross Pointe not yet fully developed to north
- Peak time delays, especially NB and SB
- High crash rates
- Proximity to I-69 ramps to the east



CROSS POINTE: Major Intersection Improvement

Two Potential Solutions under Consideration

- Hybrid solution
 - Eastbound displaced left turn with westbound boulevard left turn



CROSS POINTE: Major Intersection Improvement

Two Potential Solutions under Consideration

- Dual displaced lefts with I-69 ramp modifications

Challenges

- Spacing for westbound displaced left turn
- Westbound to northbound Cross Pointe turning movements; weaving
- Westbound to northbound ramp movement
- Eastbound to southbound ramp movement



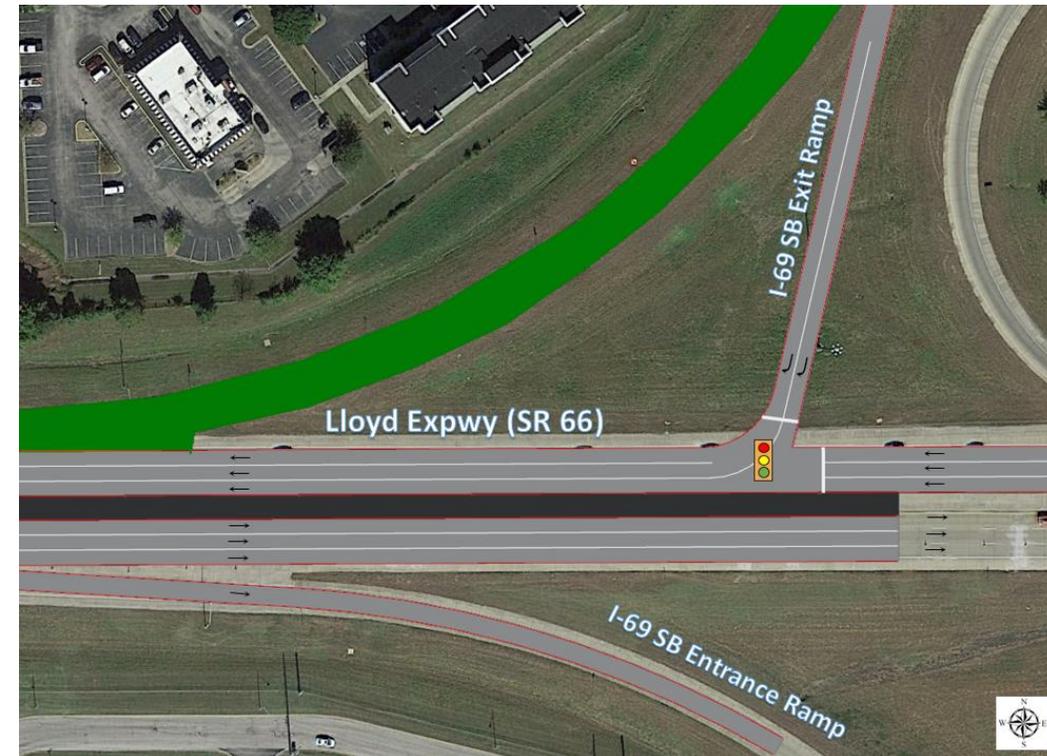
CROSS POINTE: Major Intersection Improvement

Dual displaced lefts w/ I-69 ramp modifications

View east of Cross Pointe

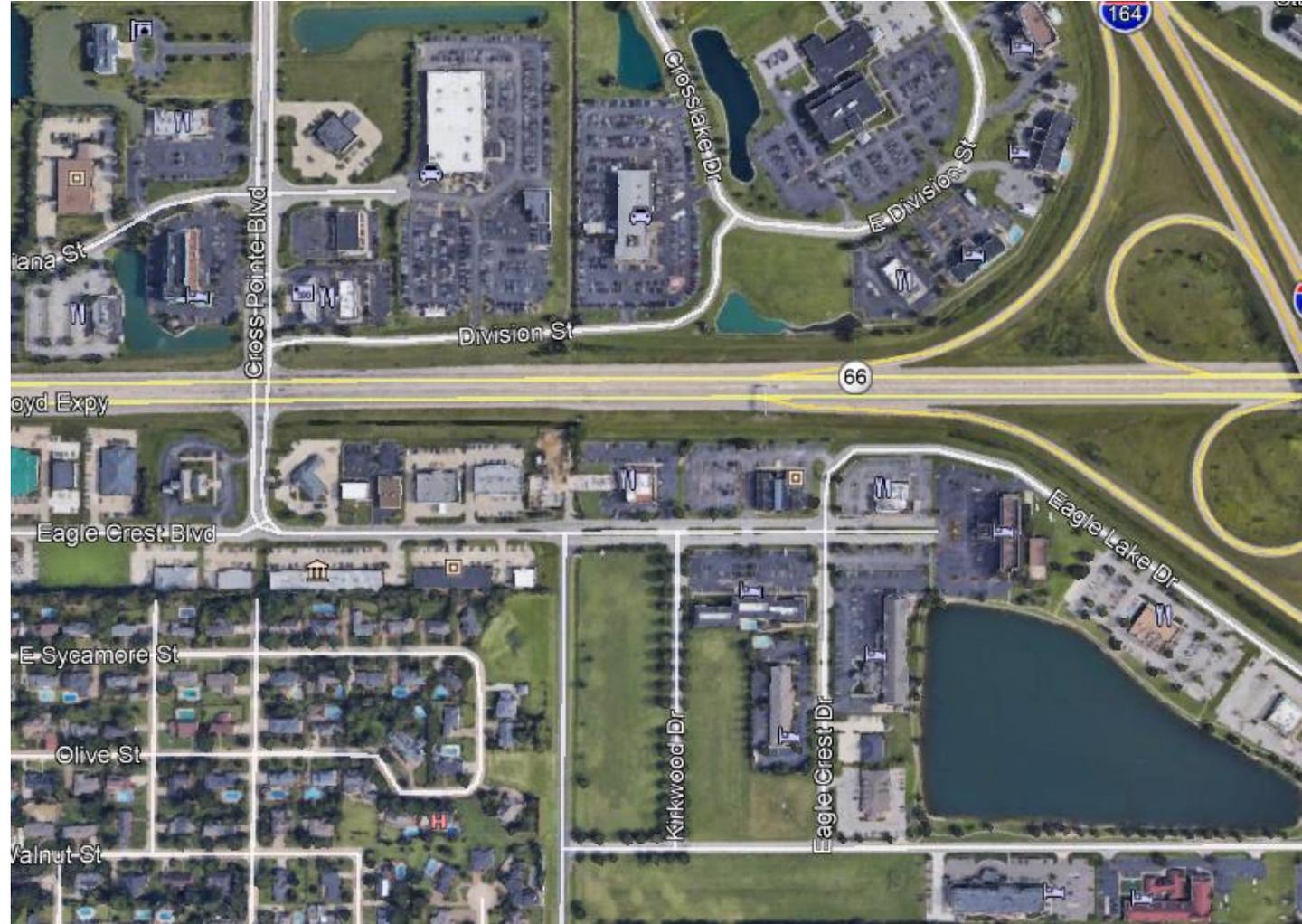


New I-69 signal intersection



OTHER CONSIDERATIONS

- Indiana/Cross Pointe
- Division Street
- Backup on northbound Cross Pointe through lane
- Business access points, traffic flow and parking
- Drainage
- Pedestrian movements: no existing accommodations



BURKHARDT ROAD

Current Conditions

- Heavy commercial corridor
- Fully developed
- Peak time delays, especially NB and SB
- Traffic back-up especially southbound Burkhardt (Evansville Pavilion)



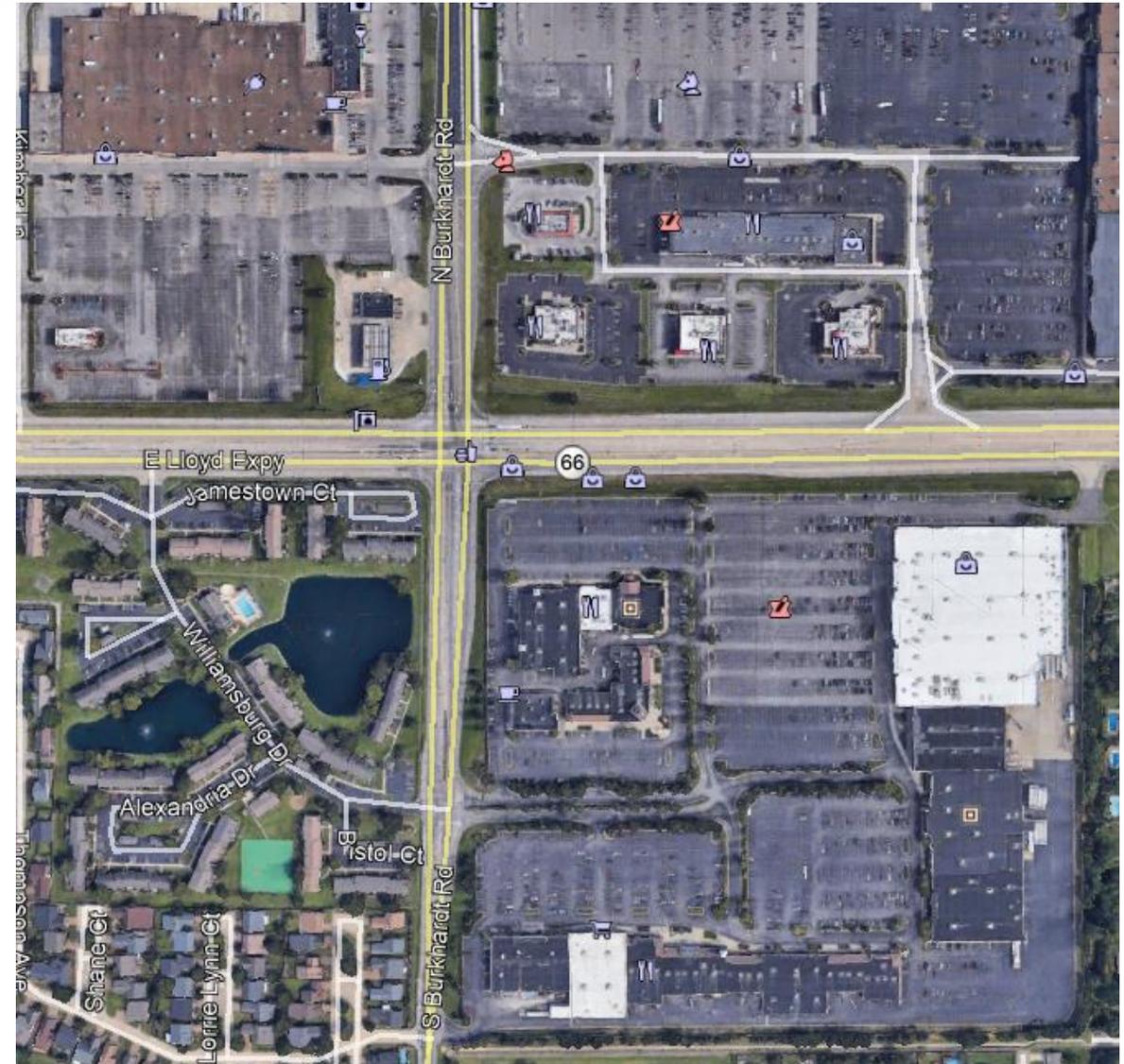
BURKHARDT: Major Intersection Improvement

Proposed Solution: Dual displaced left turn movements



OTHER CONSIDERATIONS

- Walmart & Best Buy access intersection
- Pavilion access (Target complex)
- Business access points, traffic flow and parking
- Drainage
- Pedestrian movements: no existing accommodations





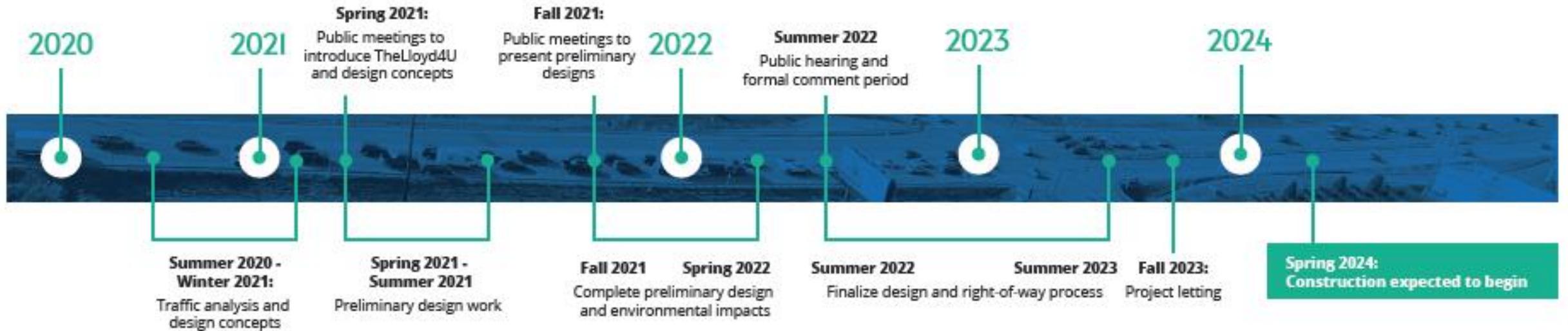
NEXT STEPS

NEXT STEPS

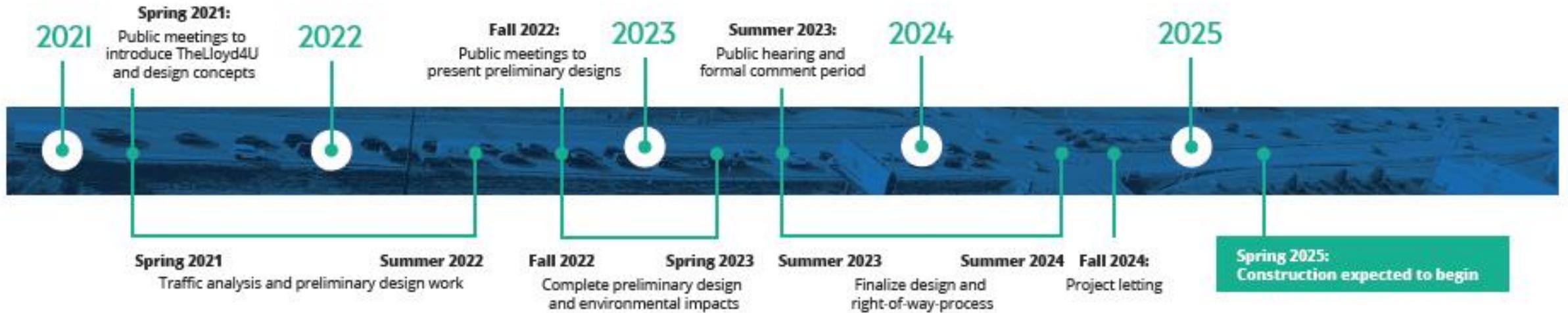
- Finalize traffic assessments
- Public Meetings
 - April 20: Virtual
 - April 21 and 22: In person (east and west side locations)
- Initiate design efforts
- Future stakeholder meetings: November 2021 and February 2023



PHASE I: ROSENBERGER TO CROSS POINTE



PHASE 2: POSEY COUNTY LINE TO ROSENBERGER





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FOLLOW OUR PROGRESS



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THE LLOYD4U ABOUT UPDATES MAPS TIMELINE CONTACT

Making the Lloyd Work for You.

LEARN HOW

— ABOUT THE PROJECT —

TheLloyd4U includes more than a dozen improvement projects along the Lloyd Expressway. The projects extend from one end of Vanderburgh County to the other, from Posey County Line Road to Cross Pointe Boulevard. The Indiana Department of Transportation (INDOT) plans to invest more than \$100 million in improvements to make the Lloyd Expressway more efficient and safer for motorists to navigate. In short, this project is about *Making the Lloyd Work for You.*



QUESTIONS AND COMMENTS



www.INDOT4U.com



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QUESTIONS?



THANK YOU

