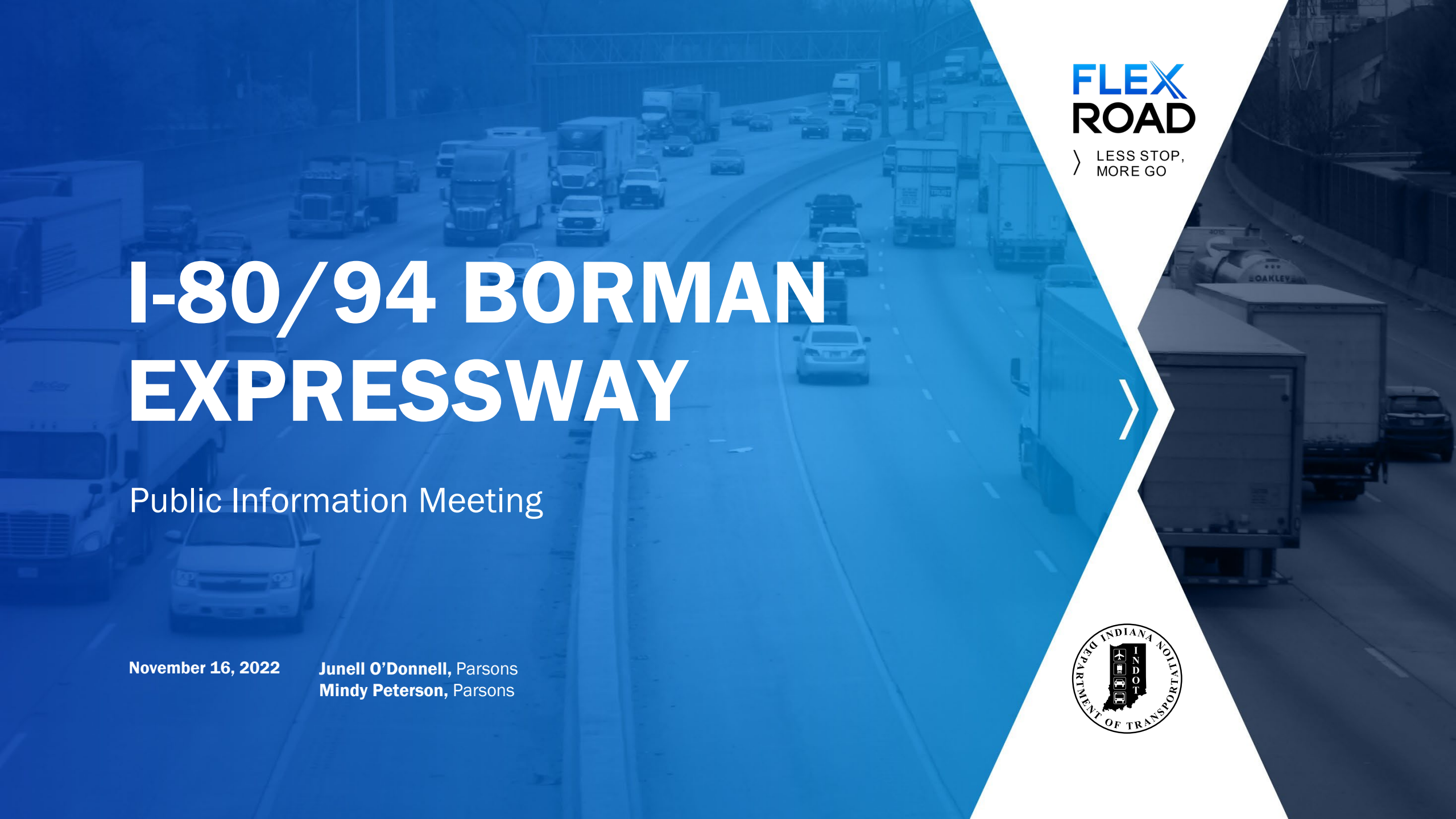


FLEX ROAD

LESS STOP, MORE GO

I-80/94 BORMAN EXPRESSWAY

Public Information Meeting

November 16, 2022

Junell O'Donnell, Parsons
Mindy Peterson, Parsons

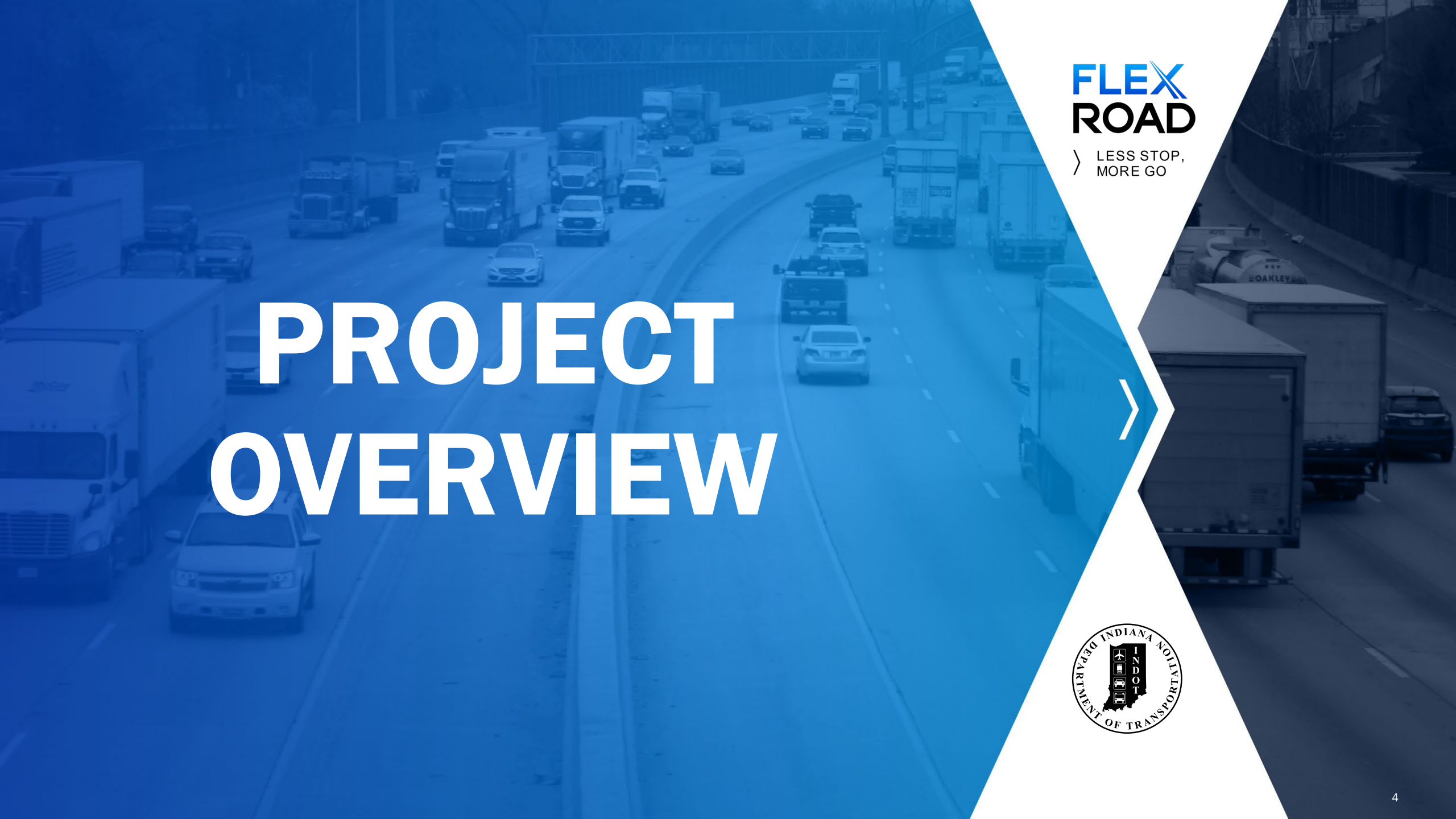
INDIANA DEPARTMENT OF TRANSPORTATION
INDOT

AGENDA

- Project Overview
- Progress Report
- Traffic Systems Management and Operations (TSMO) Strategies
- Alternatives Being Studied
- Next Steps
- Follow Our Progress

PUBLIC INFORMATION MEETING

- **Learn** more about I-80/I-94 FlexRoad
- **Review** maps, boards and information
- **Ask** questions and share feedback
- **Fill out** a comment form
- **Sign up** for text and email updates



PROJECT OVERVIEW

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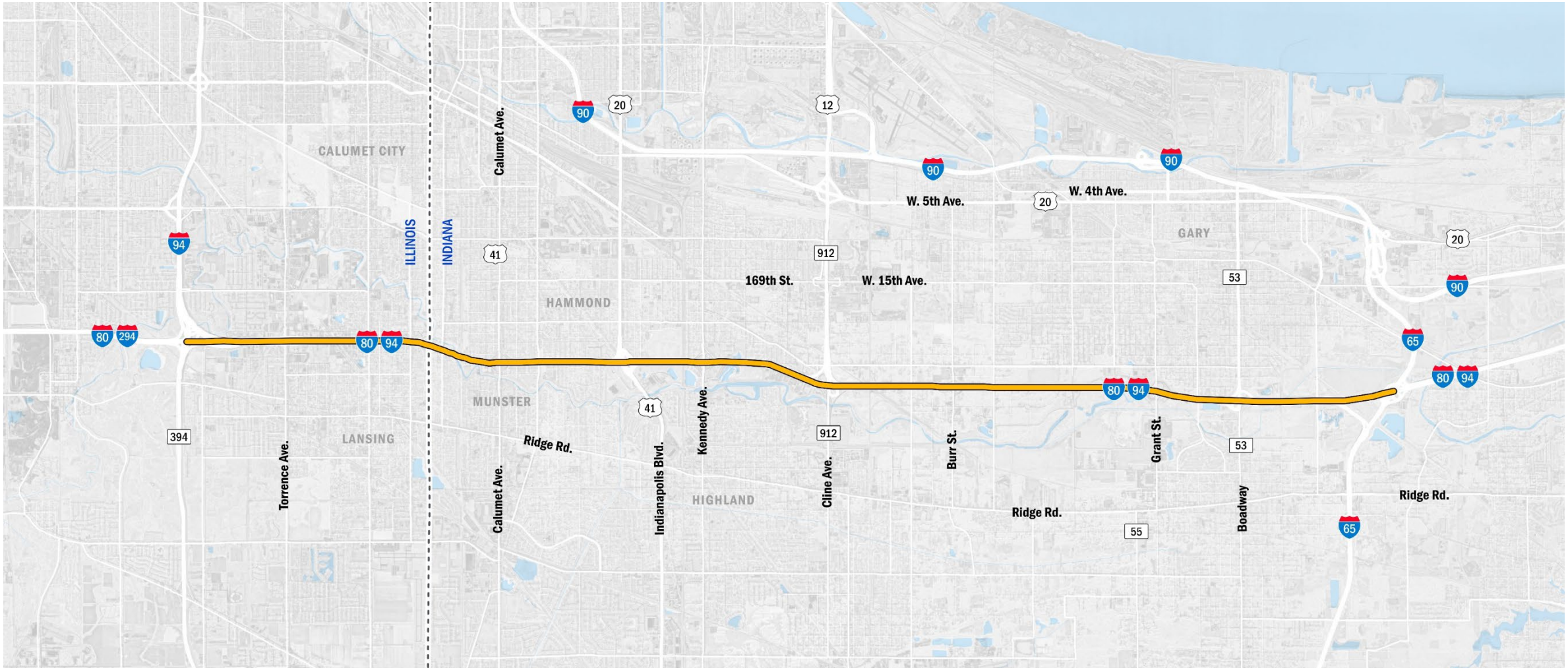
THE BORMAN EXPRESSWAY

IL 394 to I-65

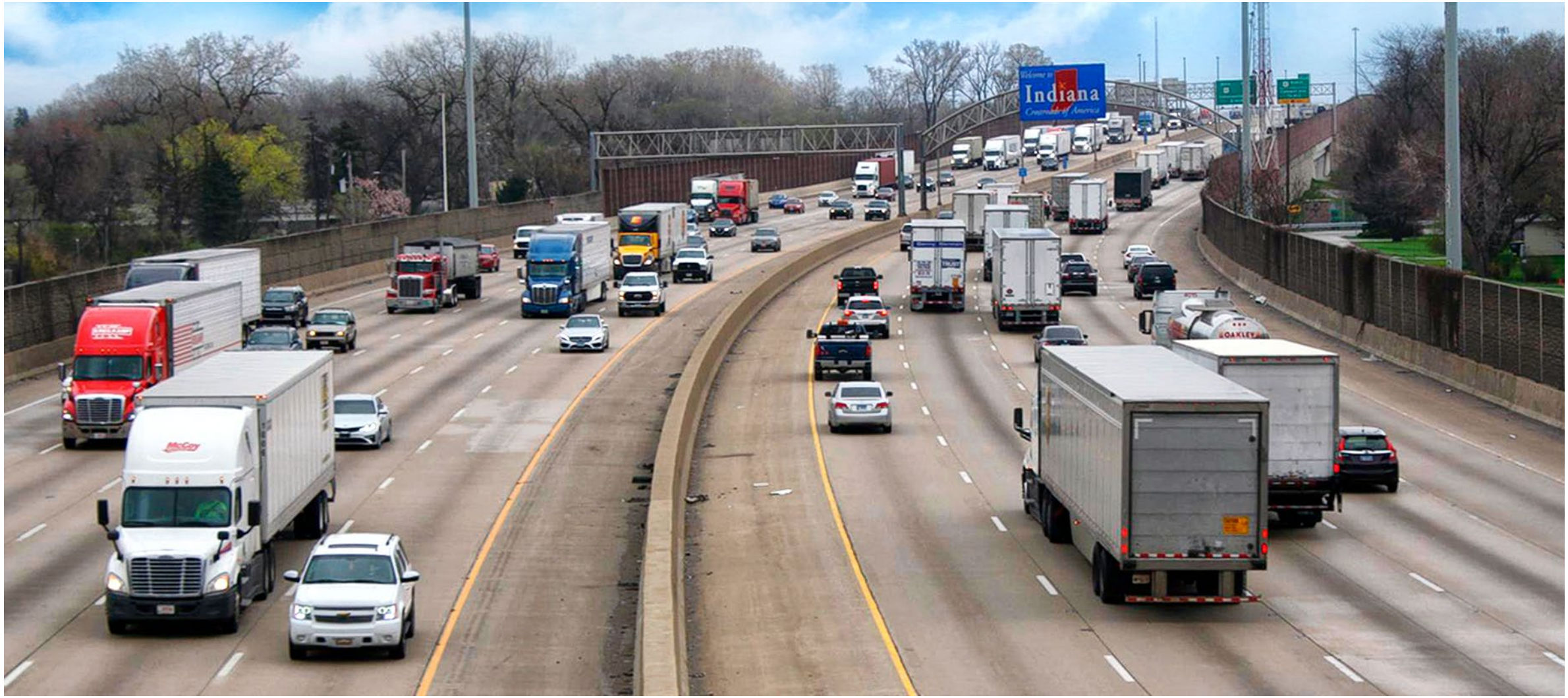


PURPOSE AND NEED

- Increase the operational efficiency of the corridor by:
  - Reducing travel times
  - Increasing travel time reliability
- Improve safety in corridor by reducing crashes.

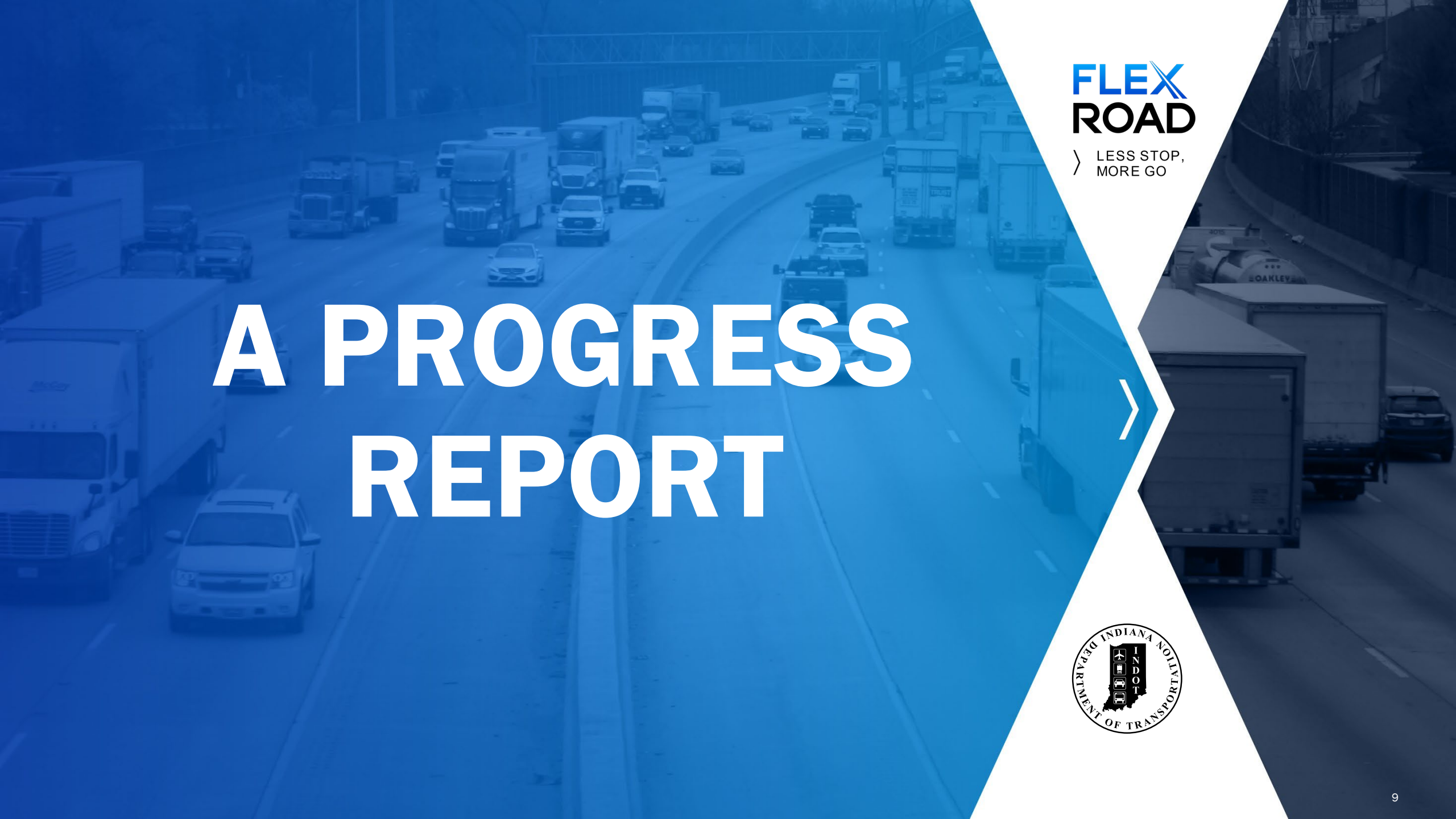
INDOT will carry forward the information, analysis and decisions from the FlexRoad PEL Study into the NEPA process.

THE BORMAN EXPRESSWAY



PROJECT AT A GLANCE

- Expected to improve traffic flow and safety
- Will identify best solutions for I-80/I-94 corridor
- Is Indiana's busiest interstate corridor
- Extends from I-65 in IN on the east to IL 394 on the west
- Will include innovative strategies that work in existing system
- Currently in its environmental and preliminary design stage



A PROGRESS REPORT

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PROGRESS TO DATE

- Planning and Environment Linkages (PEL) study is complete.
- Year-long study conducted by INDOT in cooperation with IDOT.
- PEL study determined purpose and need for the project.
- Developed alternatives to be studied in greater detail.
- Federal Highway Administration concurred with the report.
- PEL Report can be found at www.IndianaFlexRoad.com.





WHAT'S HAPPENING NOW

- Project is moving to its next phase.
- National Environmental Policy Act (NEPA) phase is beginning.
- Study will examine benefits, impacts and costs of alternatives.
- Each alternative includes a set of strategies.
- The strategies are designed to improve reliability and safety.

TRAFFIC SYSTEMS MANAGEMENT AND OPERATIONS (TSMO) STRATEGIES

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What is TSMO?

Transportation Systems Management and Operations

- A set of strategies focused on operational improvement
- Maximize the efficiency and safety of existing transportation systems
- Typically deployed as a set of strategies
- Flexible options can be utilized throughout the corridor

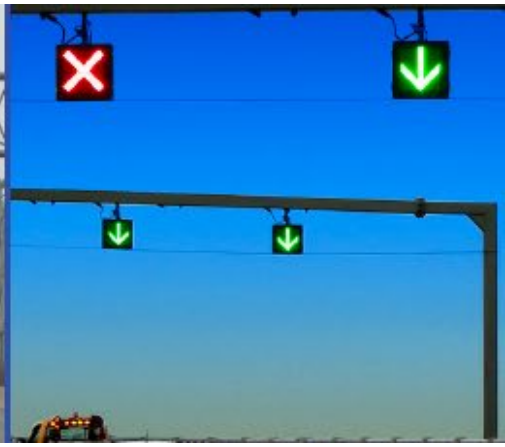
TSMO in the Region

TSMO Strategies in Operation Today

- Illinois Tollway – I-90
  - Bus on Shoulder
  - Dynamic Shoulder Lane
  - Lane Control
- Chicago Area (IDOT)
  - Ramp Metering
- Indiana Toll Road
  - Queue Warning
  - Variable Speed Limits
- US 23 (Michigan)
  - Dynamic Shoulder Lane
  - Lane Control
  - Queue Warning
  - Variable Speed Limits

TSMO STRATEGIES

- Innovative strategies to maximize efficiency and safety
- Strategies work within existing transportation systems
- Focus on possibilities largely within existing footprint



DYNAMIC SHOULDER LANES/LANE CONTROL

- Temporary use of shoulders
- Location
  - Inside shoulder
  - Outside shoulder
- Use Conditions
  - Peak periods
  - Demand response
  - Incident response
- Considerations
  - Physical obstructions (e.g., bridges)
  - Shoulder debris/snow removal
  - Drainage

RAMP METERING

- Control rate of flow of entering vehicles
- Sensors monitor traffic on both highway and ramps
  - Trigger metering system
  - Select appropriate flow rate
  - Prevent impacts to local streets
- Single lane and multiple lane
- Should support
  - TOD
  - Local-traffic responsive
  - Corridor wide adaptive ramp metering

VARIABLE SPEED LIMITS

- Temporary reduction in speed limit
  - Congestion
  - Incidents
  - Work Zones
  - Weather
- Speed harmonization
- Dynamic monitoring and adjustment
- Advance signing and on gantries

QUEUE WARNING

- Avoid secondary incidents
- Real-time monitoring of speeds
- Detect issues
- Dynamic Message Signs (DMS)
- Expands on existing with more devices and detection

ADDITIONAL STRATEGIES

- Other strategies under consideration:
  - Improved signage
  - Event management
  - Interchange improvements at Broadway/I-65 to reduce backups and increase capacity

ALTERNATIVES BEING STUDIED

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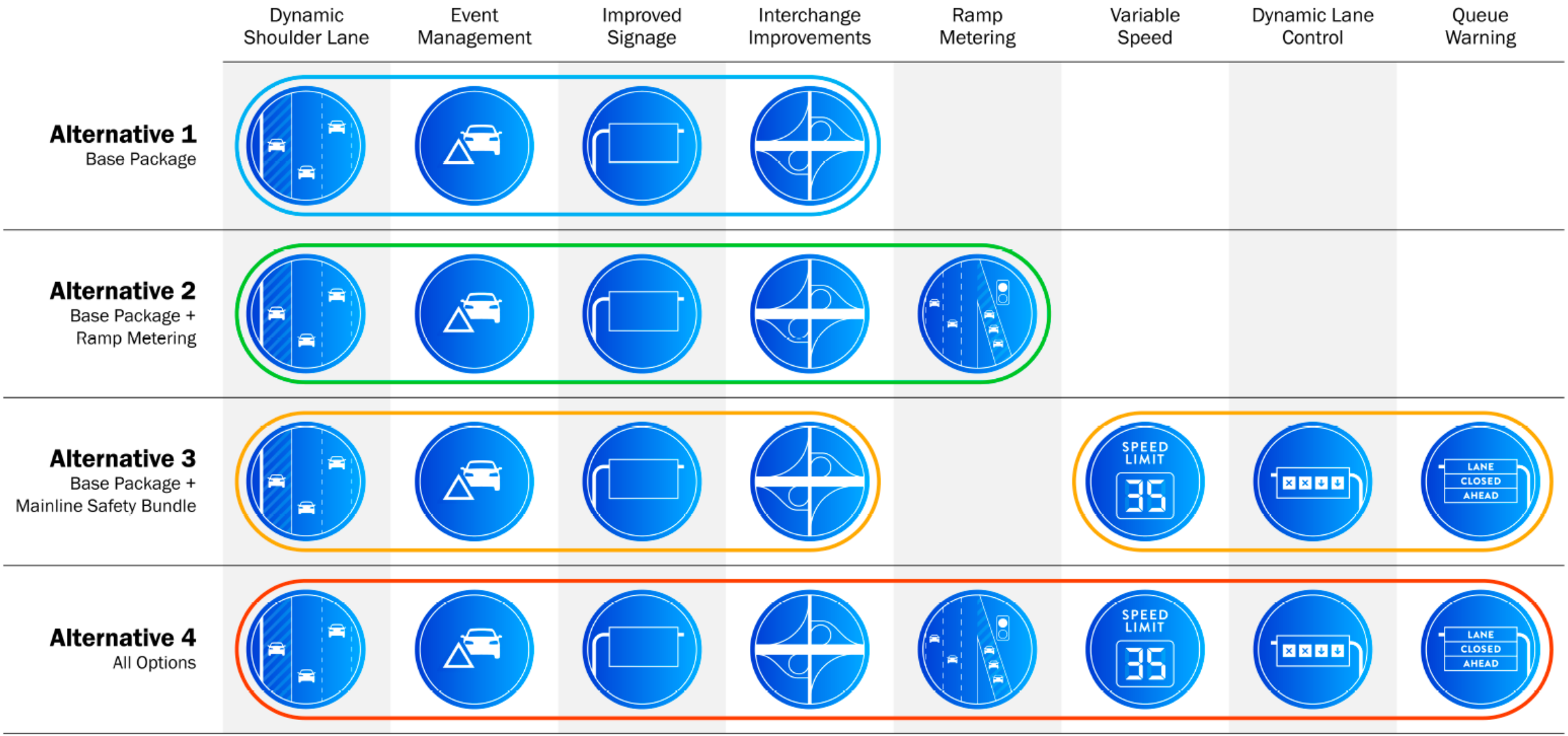
ALTERNATIVES BEING STUDIED



NEXT STEPS

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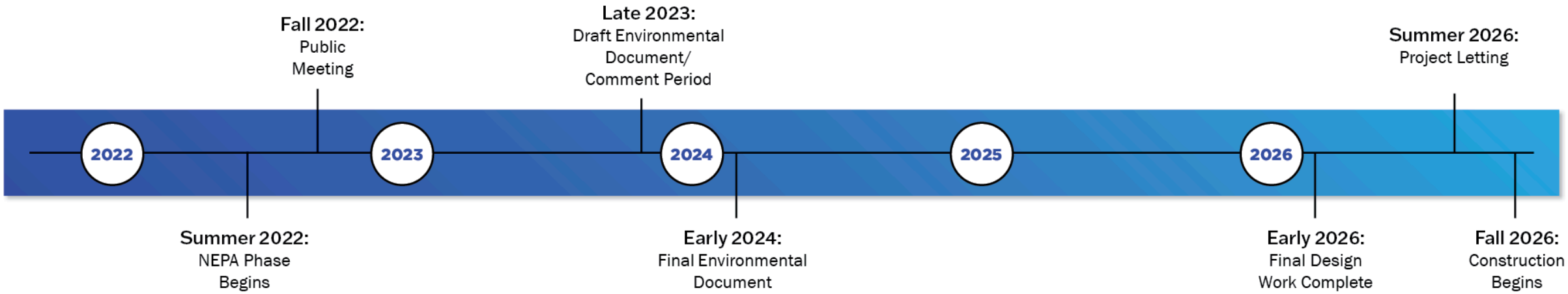
NEXT STEPS

What to Expect and Project Timeline

- The NEPA Study is expected to be finalized in fall 2023.
- It will identify a preferred alternative.
- A formal comment period will be held.
- Construction is expected to begin in 2026.



PUBLIC INFORMATION MEETING

- Public meetings tonight and tomorrow
- Know someone who couldn't make it tonight?
- Virtual meeting Thursday, November 17 at 6 p.m. via Microsoft Teams
- Register at bit.ly/FlexRoadVirtualMeeting

FOLLOW OUR PROGRESS

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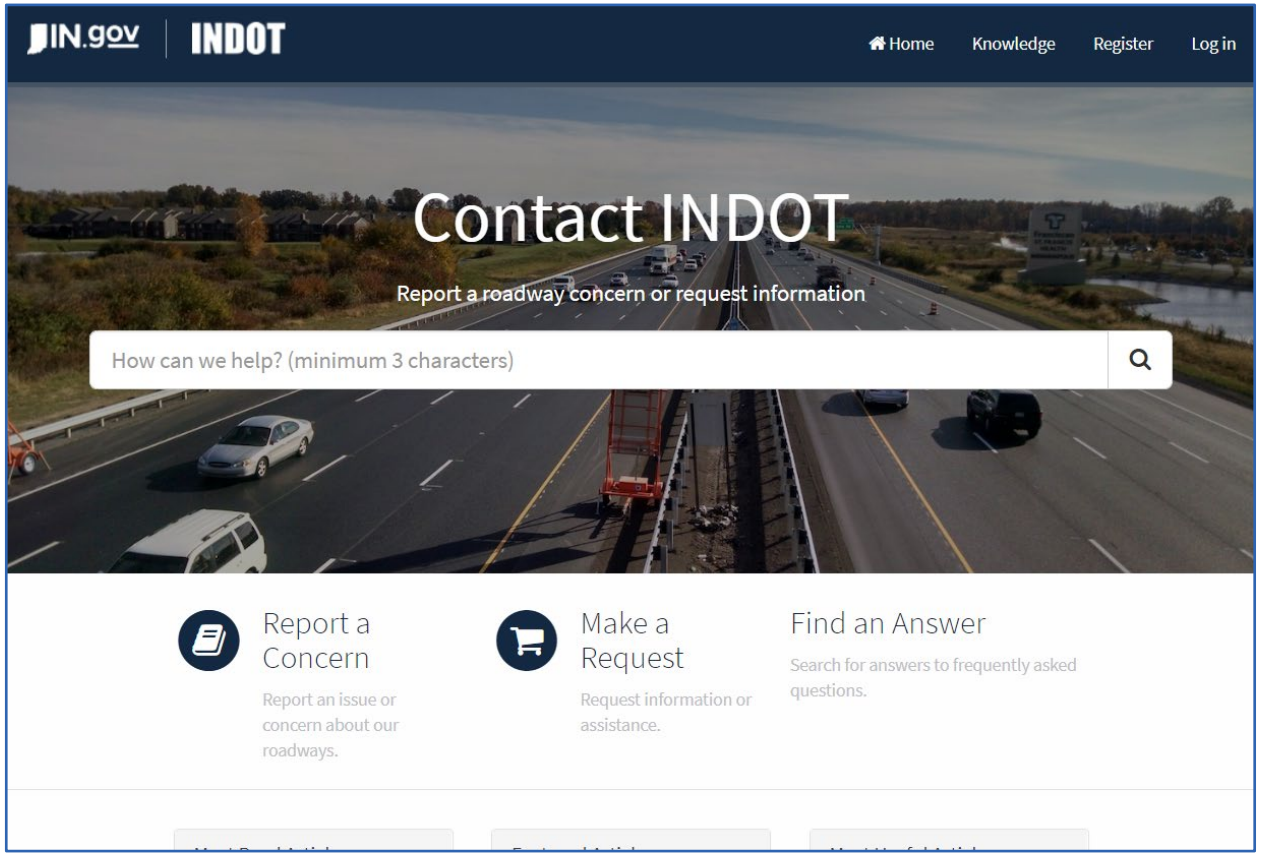
FOLLOW OUR PROGRESS

- www.IndianaFlexRoad.com
- Text “INDOT 8094FlexRoad” to 468311
- Sign up for email updates on website
- Social Media
  - Facebook | INDOT Northwest
  - Twitter | @INDOTNorthwest

QUESTIONS AND COMMENTS

- www.INDOT4U.com
- 855-INDOT4U (468-6848)
- INDOT@indot.in.gov



THANK YOU

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