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# US 50 Intersection Improvement Project with Added Turn Lanes (Reduced Conflict Intersection)

DES. 1800225

Intersection of Front Street/Short Street in Dillsboro  
Dearborn County

Indiana Department of Transportation

Thursday, January 27<sup>th</sup>

6:00 p.m.

Dillsboro Community Center

# Welcome

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- Introduction
- Project resource locations
- Project location
- Purpose and need overview
- Proposed project improvements
- Environmental process
- Anticipated project schedule
- Open house/Project display area

# US 50 Intersection Improvement in Dillsboro

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- **Introduction of INDOT project team**
  - Seymour District – INDOT Regional Office
  - Infrastructure Engineering
    - Engineering, design, and environmental analysis team
  - Environmental Services
- **Recognition of elected and local public officials**
- **Sign-in at attendance table**
- A public information notice was mailed to known property owners in the project area.
- An announcement of this meeting was posted to INDOT's website.
- A news release was sent to local media.
- A copy of the presentation and project documentation is available online via INDOT's website.

# US 50 Intersection Improvement Project Team

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- **INDOT**

- Greg Prince – Project Manager
- Annie Walker – Communications Director
- Natalie Garrett – Public Relations Director

- **Infrastructure Engineering – Roadway Design**

- Dustin Quincy – Project Manager
- Alex Kline – Project Engineer

- **Lochmueller Group Environmental Services**

- Chad Costa – Project Manager



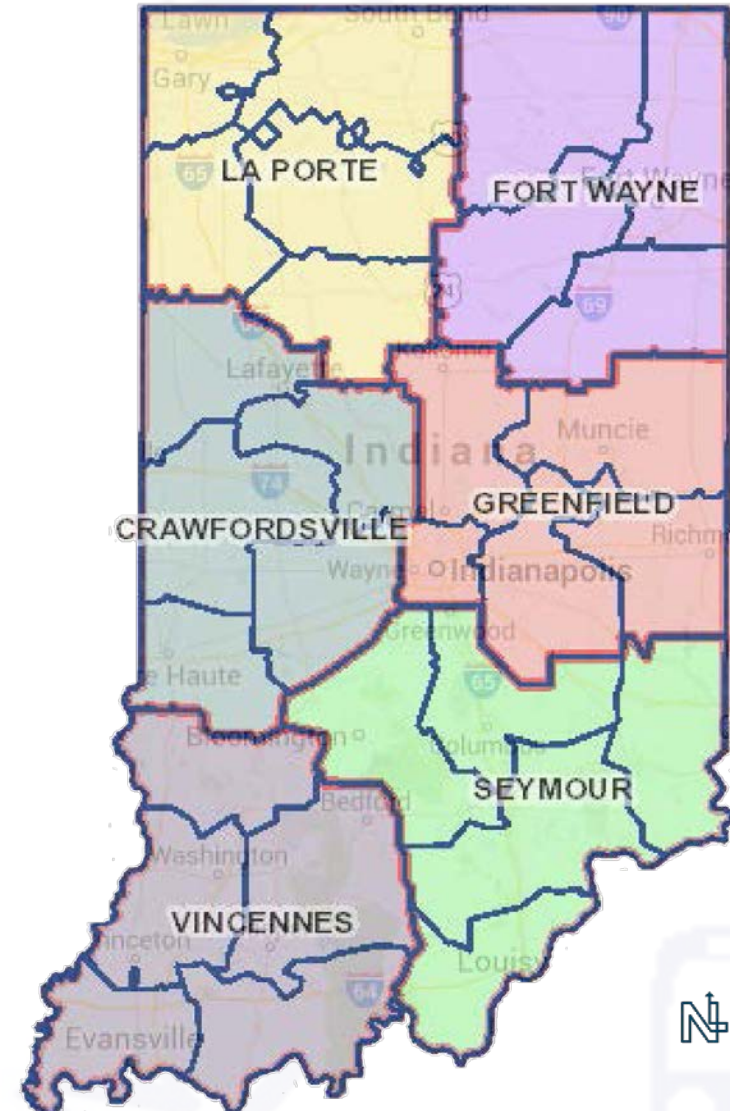
# Project Resource Locations

- **INDOT Seymour District Office**  
185 Agrico Lane Seymour, IN 47274
  - INDOT4U: 855-INDOT4U (463-6848) or [indot4u.com](http://indot4u.com)
  - District web page: [seymour.indot.in.gov](http://seymour.indot.in.gov)
    - US 50 Intersection Improvements in Dillsboro
- Questions/comments may be addressed to Dustin Quincy at [dquincy@infrastructure-eng.com](mailto:dquincy@infrastructure-eng.com) or by contacting INDOT4U

## Transportation Services Call Center

Provides citizens and business customers with a single point of contact to request transportation services, obtain information, or provide feedback through multiple channels of communication.

855-463-6848 • [INDOT4U.com](http://INDOT4U.com) • [INDOT@indot.in.gov](mailto:INDOT@indot.in.gov)





# Project Location Map – US 50



# Purpose and Need

## Purpose of Project:

- To enhance safety, improve traffic flow, and reduce crash frequency by implementing reduced conflict intersections.

## Need for Project:

- There are currently many right-angle crashes on US 50 from motorists attempting to make left hand turns from Front St and Short St resulting in injuries/fatalities.

Crash Summary Short St and Front St

Year	Fatal	Injury	Property Damage Only	Total
2010	0	3	7	10
2011	0	2	5	7
2012	0	4	8	12
2013	0	0	4	4
2014	0	1	5	6
2015	0	2	3	5
2016	0	4	5	9
2017	1	0	2	3
2018	0	2	5	7
2019	0	0	1	1
Total	1	18	45	64

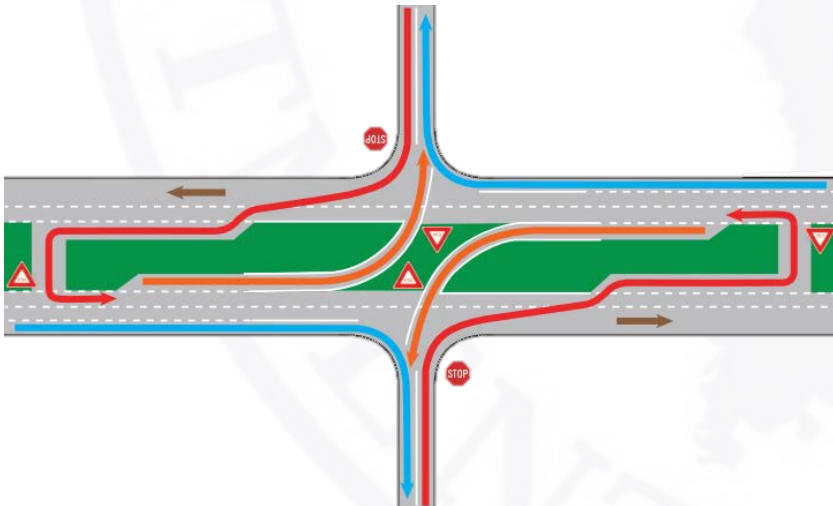


# Project Description – Reduced Conflict Intersection

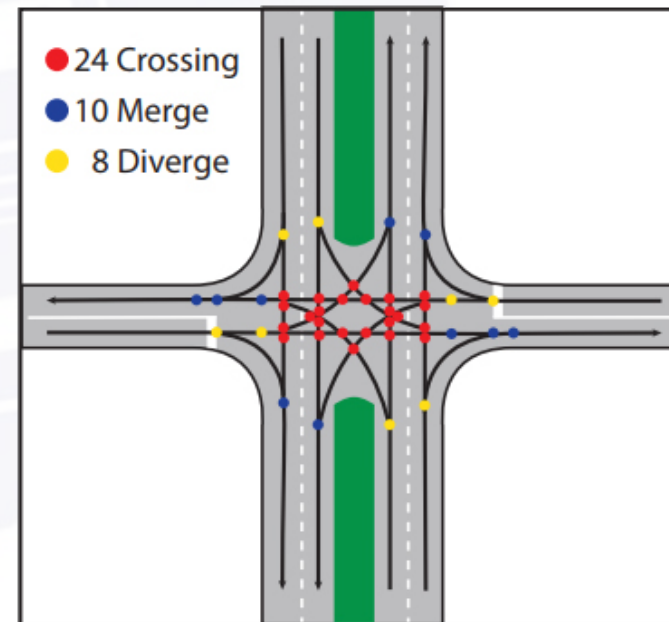
- Eliminate or substantially reduce right-angle crashes
- Eliminate the need for motorists to cross the high-speed lanes
- Reduce the number of conflict points at each intersection from 42 to 22 with two crossing conflict points

## Studies have shown that RCIs:

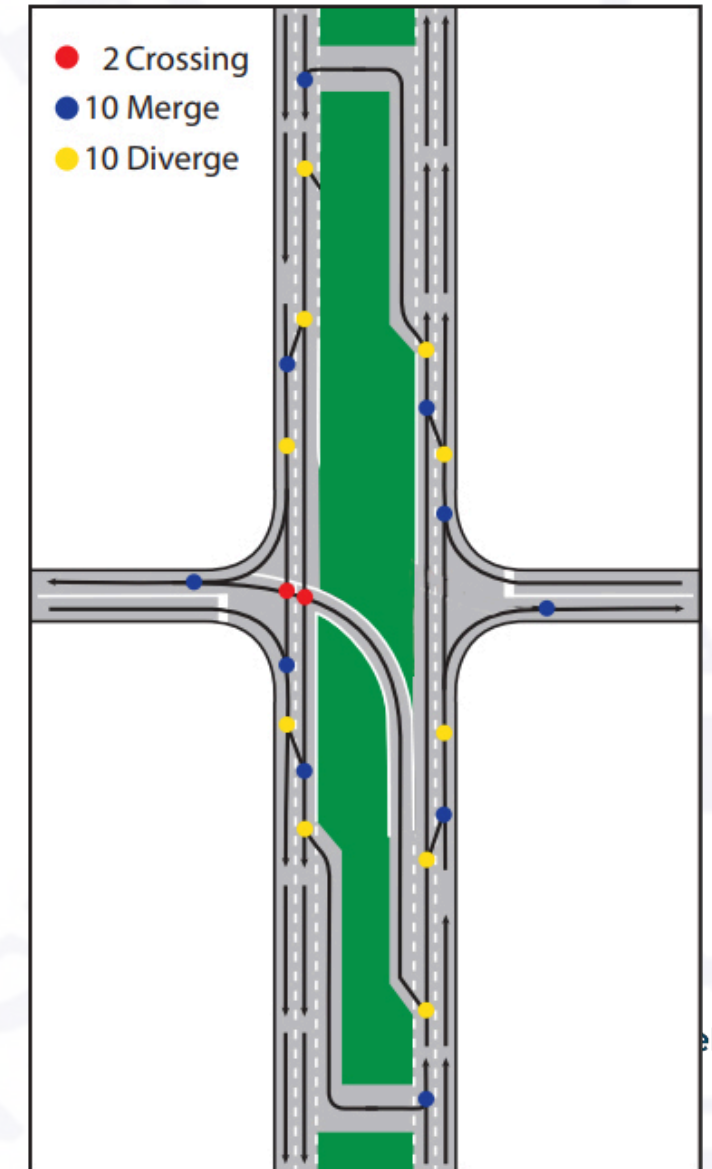
- Fatal and injury crashes ↓ 81%
- Property-damage crashes ↓ 58%
- Crash of any severity ↓ 68%



Conventional Intersection Conflict Points



RCI Conflict Points





# Project Description – Reduced Conflict Intersection



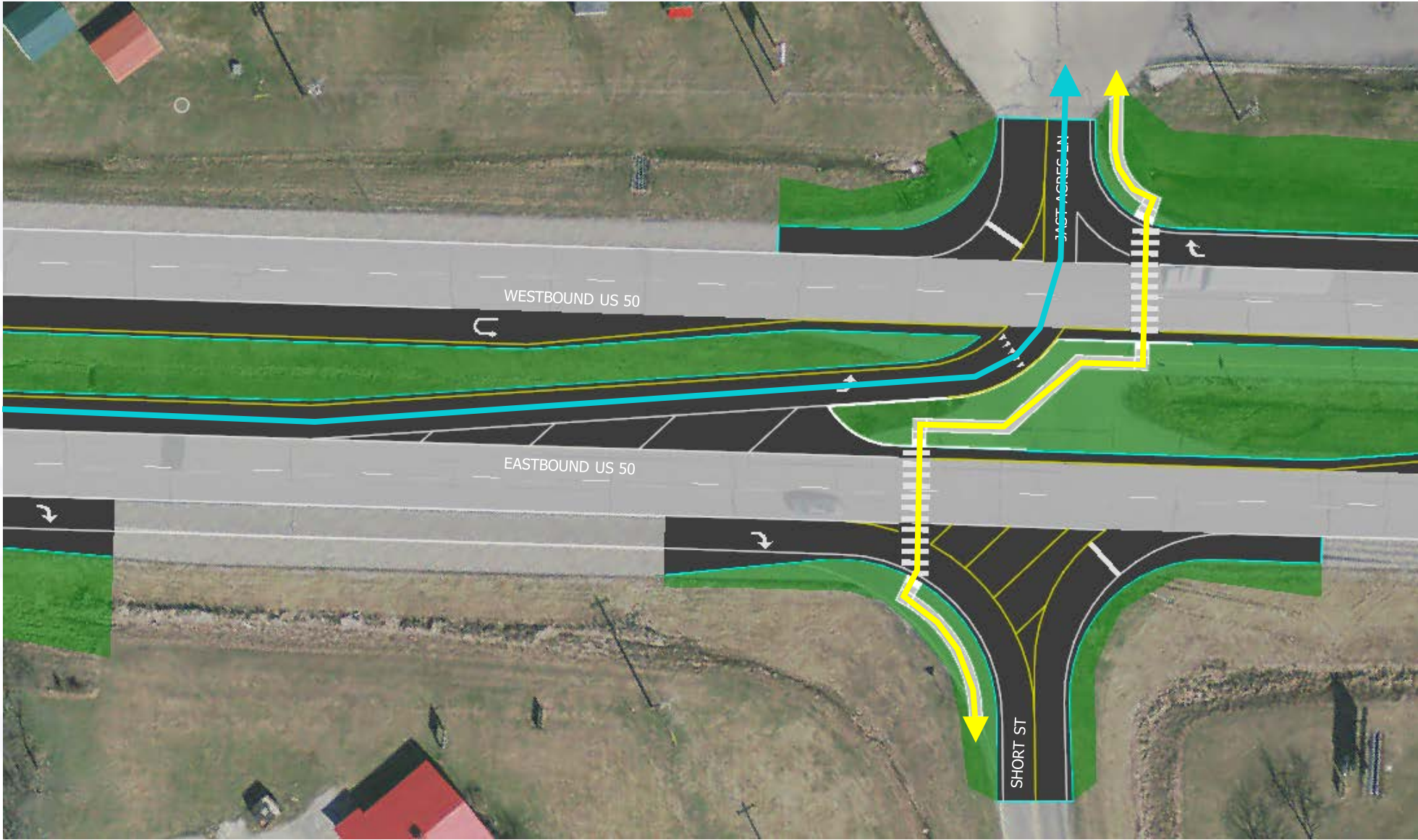



# Short St/Jast Acres Ln - Intersection Layout






# Short St/Jast Acres Ln - Turning Movements





US 50 Pedestrian Crossing 

Eastbound US 50 to Northbound Jast Acres Ln 



# Short St/Jast Acres Ln - Turning Movements



Westbound US 50 to Southbound Short St   
Southbound Jast Acre Ln to Southbound Short St 



# Short St/Jast Acres Ln - Turning Movements



Northbound Short St to Northbound Jast Acres Ln →



# Project Description – Reduced Conflict Intersection



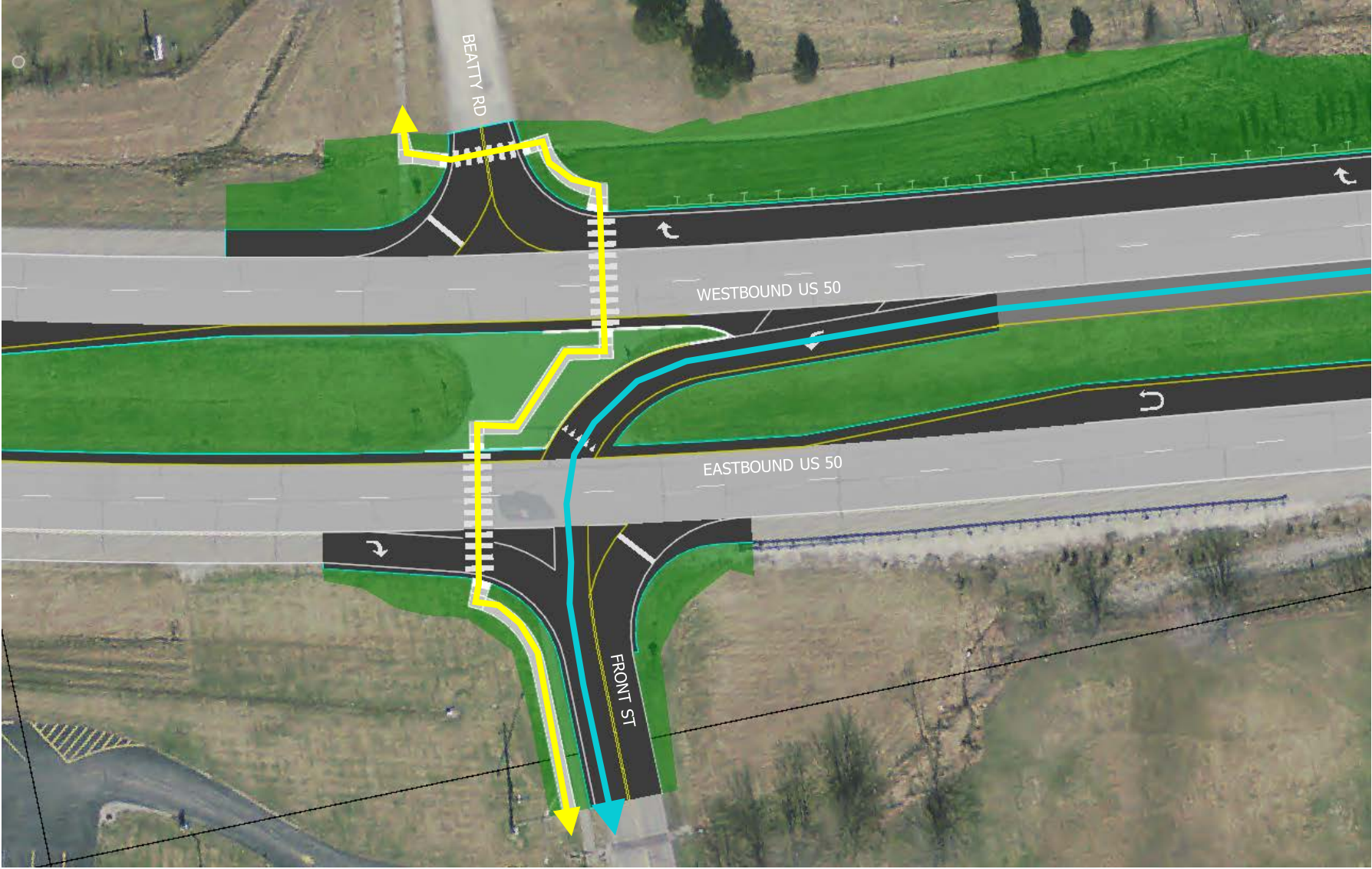


# Front St/Beatty Rd - Intersection Layout





# Front St/Beatty Rd - Turning Movements



US 50 Pedestrian Crossing 

Westbound US 50 to Southbound Front St 



# Front St/Beatty Rd - Turning Movements



Eastbound US 50 to Northbound Beatty Rd →  
Northbound Front St to Northbound Beatty Rd →



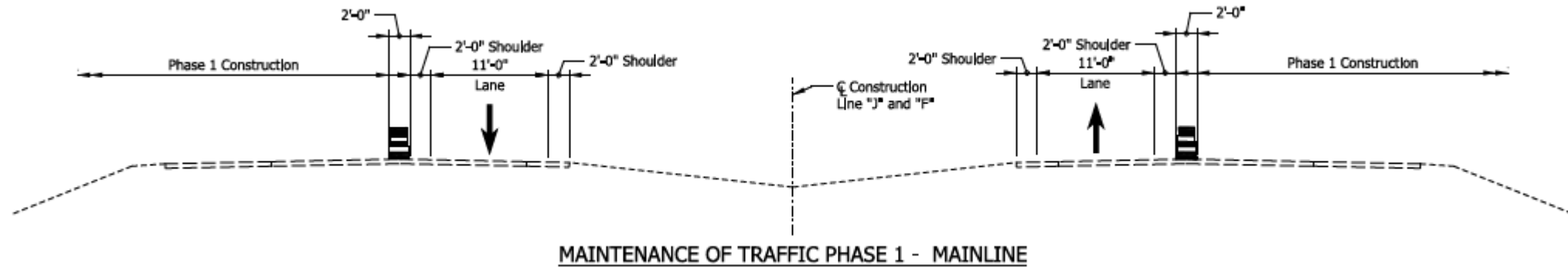
# Front St/Beatty Rd - Turning Movements



Southbound Beatty Rd to Southbound Front St →

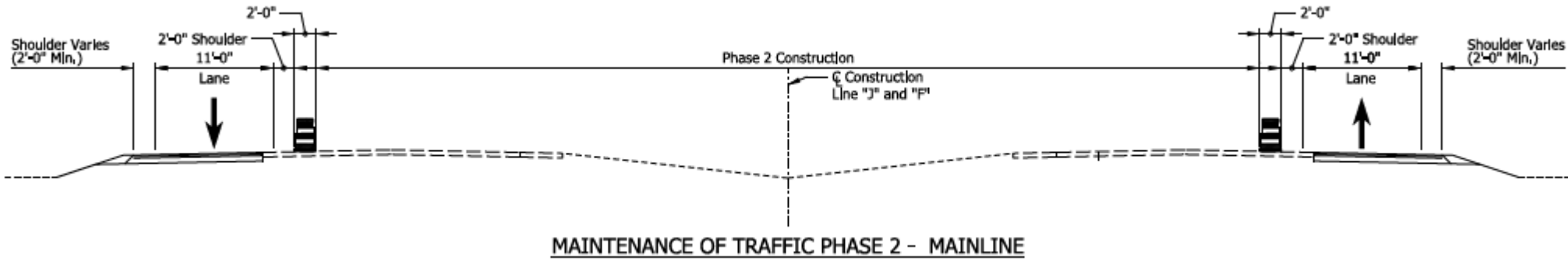


# Maintenance of Traffic



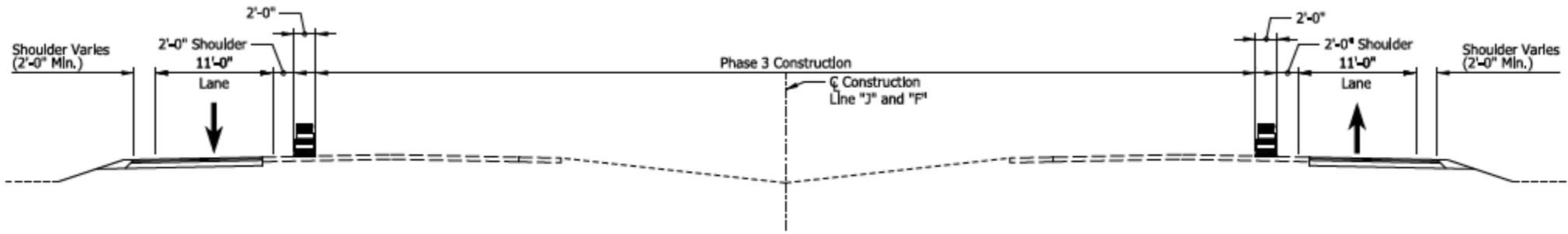


# Maintenance of Traffic





# Maintenance of Traffic



**MAINTENANCE OF TRAFFIC PHASE 3 - MAINLINE**





# Environmental Document

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## National Environmental Policy Act (NEPA)

- Requires INDOT to analyze and evaluate the impacts of a proposed project to the natural and socio-economic environments
- NEPA is a decision-making process
  - Purpose and Need
  - Alternatives Screening
  - Preferred Alternative
- **Impacts are analyzed, evaluated, and described in an environmental document**
  - What are the impacts this project might have on the community?
  - How can impacts be avoided?
  - Can impacts be minimized?
  - Mitigation for impacts?
- **Environmental document to be completed Spring 2022**
  - Will be made available via public repositories

# Environmental Document

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- **Environmental Process**

- Establish purpose and need
- Develop possible alternatives
  - The “Do Nothing” alternative is a baseline for comparison
- Evaluate and screen alternatives
- Identify a preferred alternative
  
- Solicit public comment on environmental document and preliminary design plan
- Address and consider public comment as part of decision-making process
- Finalize and approve environmental document



# Examples of Items Evaluated

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- Right-of-way
- Streams, wetlands, and other waters
- Floodplains
- Endangered species
- Farmland
- Cultural resources (historic/archaeological)
- Parks and recreational lands (trails)
- Air Quality
- Noise
- Community impacts
- Environmental justice
- Hazardous materials
- Permits
- Mitigation
- Public involvement
- Commercial development

# Anticipated Project Timeline

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- January 2022 – Public Information Meeting
- February 2022 – Final CE document approval
- Spring 2023 – Begin Construction
- Fall 2024 – Construction Complete



# Resources

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Questions and/or comments may be sent to:

- Dustin Quincy, Project Manager (Infrastructure Engineering)
  - [dquincy@infrastructure-eng.com](mailto:dquincy@infrastructure-eng.com)

Project web page: [seymour.indot.in.gov](http://seymour.indot.in.gov)

- US 50 Intersection Improvements in Dillsboro

INDOT News: [alerts.indot.in.gov](http://alerts.indot.in.gov)

- Text/email updates



855-463-6848