

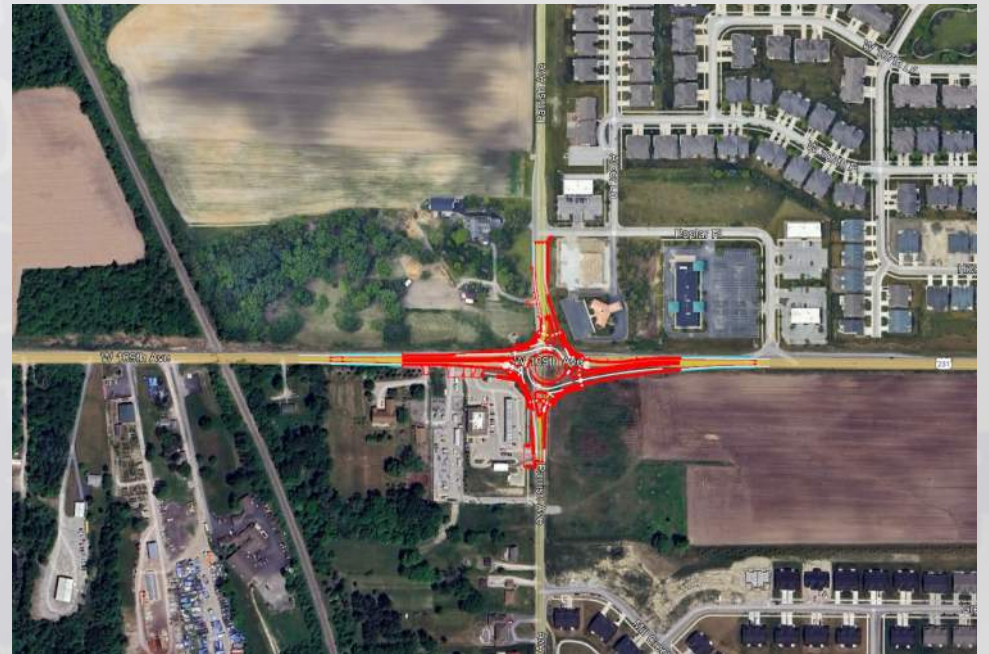
US 231 Roundabout

Intersection of US 231 and Parrish Avenue

INDOT Des. No. 1702994

**St. John, IN
Lake County**

Indiana Department of Transportation
LaPorte District



Welcome

- Purpose and Need Overview
- Proposed Project Improvements
- Environmental Process
- Anticipated Project Schedule
- Submit Written Public Comments
- View Handout and Display Materials at:
 - <https://www.in.gov/indot/about-indot/central-office/welcome-to-the-laporte-district/>
- A public hearing notice was mailed to known property owners in the project area.
- An announcement of this hearing was posted to INDOT's website.
- Legal notice published

Submit Public Comments

Ways to comment:

Public Comment Form mailed to: Chad Kelly, Kaskaskia
8520 Allison Pointe Blvd., Suite 100
Indianapolis, IN 46250

Via e-mail: ckelly@kaskaskiaeng.com

All comments submitted will become part of the public record, and they will be entered into a transcript, reviewed, evaluated, and given full consideration during the decision-making process.

The comment period deadline to have your comment included in the project record is:

2 weeks following today's public hearing

July 26, 2024

Project Stakeholders

- Indiana Department of Transportation
 - LaPorte District
- Indiana Division Federal Highway Administration
- Lake County, St. John
- Elected and Local Officials
- Residents and Citizens

- Fishbeck – Engineering Design
- Kaskaskia - Environmental

- Agriculture Industry
- Lake County Schools
- Emergency Services
- Churches and private schools
- Community Organizations
- Local Businesses



Project Development



**Public Hearing
(Today)**

**Public Involvement
Communicate Project
Decision**

National Environmental Policy Act

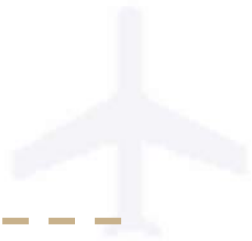


Environmental Document

- **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

- Final Environmental Document aka Categorical Exclusion (CE-3)
 - Level 3 due to right-of-way purchases and wetland impacts > 0.1 acres



Examples of Items Evaluated

- 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



Historic Properties - Section 106

- Identify Historic Properties
- Archaeological Investigation
- Prepare Findings Report
- State Historic Preservation Office concurrence – February 23, 2024
- Public Comment (Section 106)
 - Comments due April 4, 2024
 - Report Available at www.in.gov/indot/about-indot/central-office/welcome-to-the-laporte-district/
 - Google INDOT LaPorte District



Project Need

The primary need of this project is to reduce crash potential and user delay at the intersection.

The intersection has an elevated crash frequency, with rear end collisions accounting for 76% of reported crashes. The frequency and severity of crashes are higher than expected for this type of intersection.

Additionally, current analysis shows increased motorist delay at the intersection with an existing Level of Service (LOS) rating C with a 27.2 average second delay during the PM Peak hour. SB Parrish Ave. has the longest average delay > 70 seconds.



Sample Image.

- **Existing Conditions – Dangerous with extended delays**
- **The future conditions without improvements will only get worse, with higher traffic counts and surrounding new developments.**

Project Purpose

The purpose of this project is to reduce crash potential and provide a long-term solution to ensure safe and efficient operation of the U.S. 231 and Parrish Avenue intersection.



Alternative Analysis



Impacts
People and
natural
environment



Costs
Construction,
right-of-way,
utility
relocations



Benefits
Improved
safety and
efficiency



Alternative Analysis



Roundabout



Upgraded Traffic Signal
with added Turn Lanes



No Build



Alternative Analysis



Roundabout

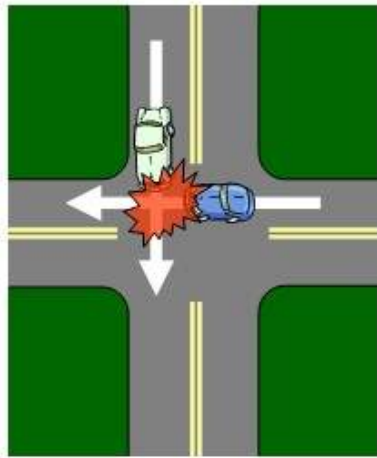


Upgraded Traffic Signal
with added Turn Lanes

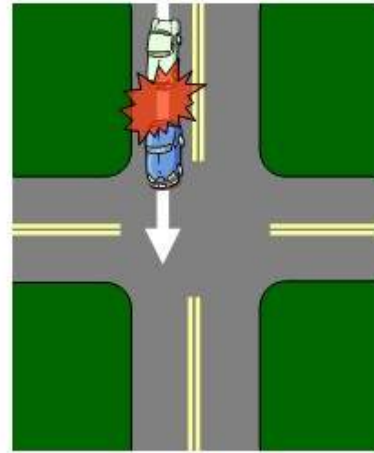


No Build

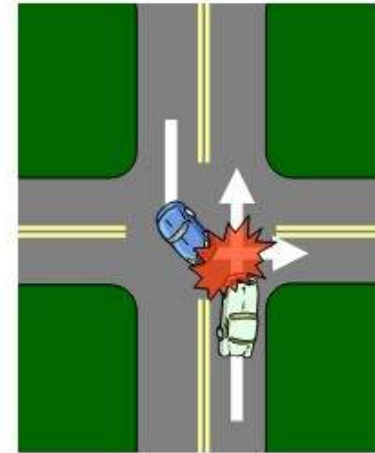




Right angle



Rear end



Left turn



Alternative Analysis



Roundabout



Traffic Signal



No Build



Alternative Analysis



Roundabout



Traffic Signal



No Build

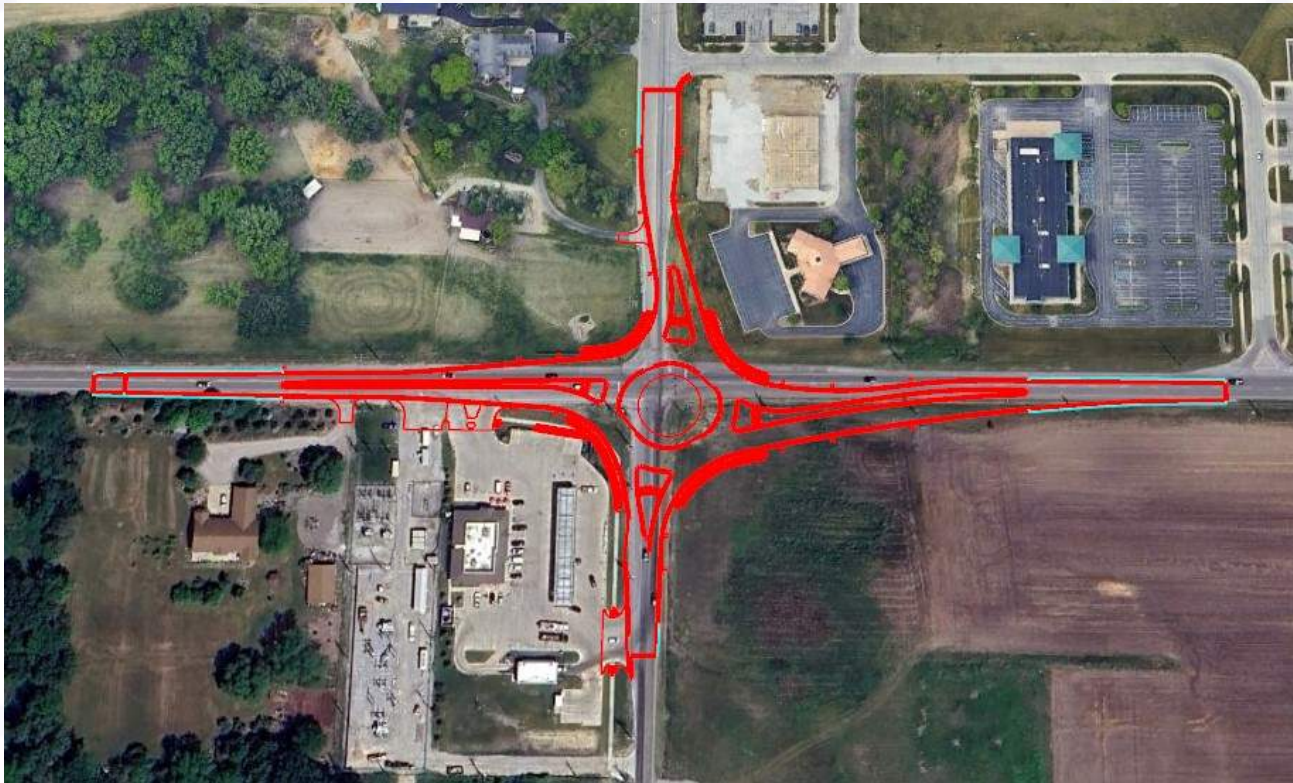


Benefits of Roundabouts

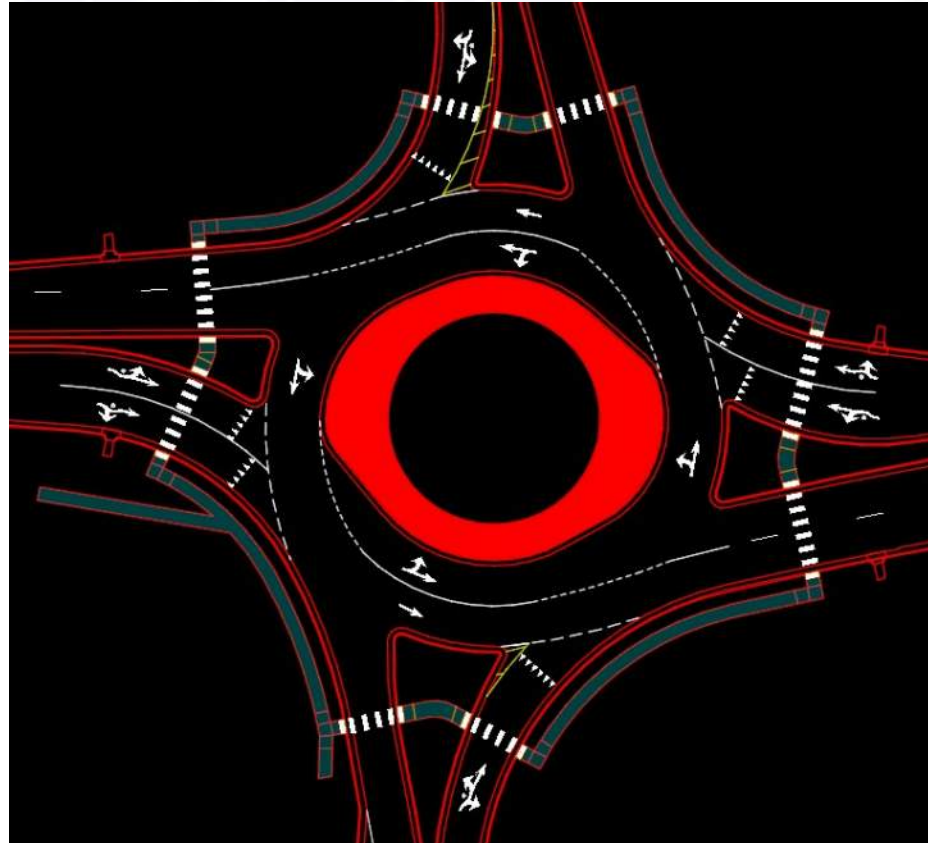
- 90% Reduction in Fatalities
- 76% Reduction in Injury Crashes
- Slower Speed
- 30-50% Capacity Increase
- Equipment Maintenance
- Traffic Calming



Preferred Alternative



Roundabout Circle



Right-of-Way and Waterways



Project Impacts

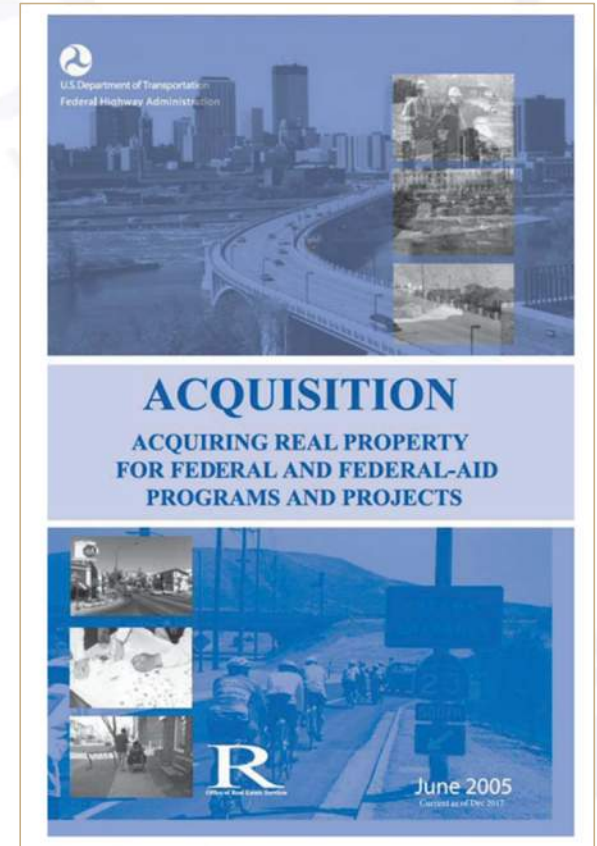
Type	Amount
Construction Cost	Approximately \$3.8 million
Relocations	None
Temporary Right-Of-Way	0.23 acres
Permanent Right-Of-Way	2.66 acres
Threatened or Endangered Species	None Present
Water/Wetlands	91 ft – UNT West Creek 0.13 acres for 6 different wetland areas

Property Acquisition

"Uniform Act of 1970"

- All federal, state and local governments must comply
- Requires an offer for just compensation
- Project proposal requires approximately 2.7 acres of permanent right-of-way

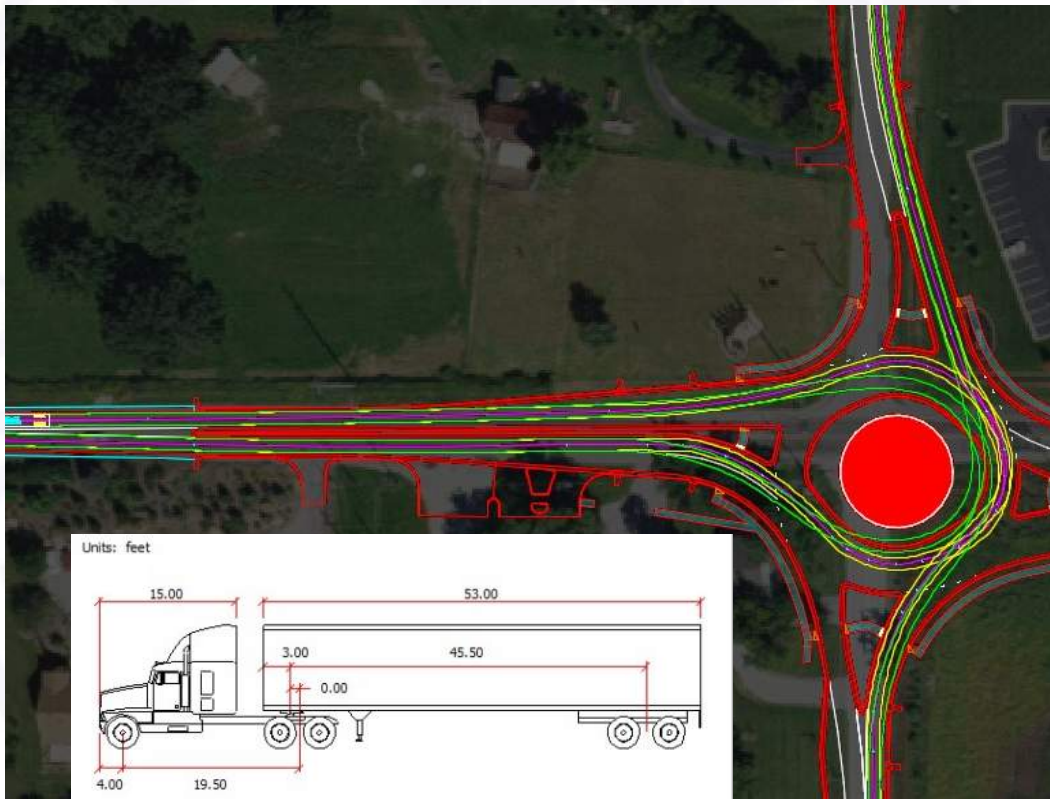
<https://www.in.gov/indot/projects/files/FHWA-Acquisition-Brochure-BLUE.pdf>



Typical Section



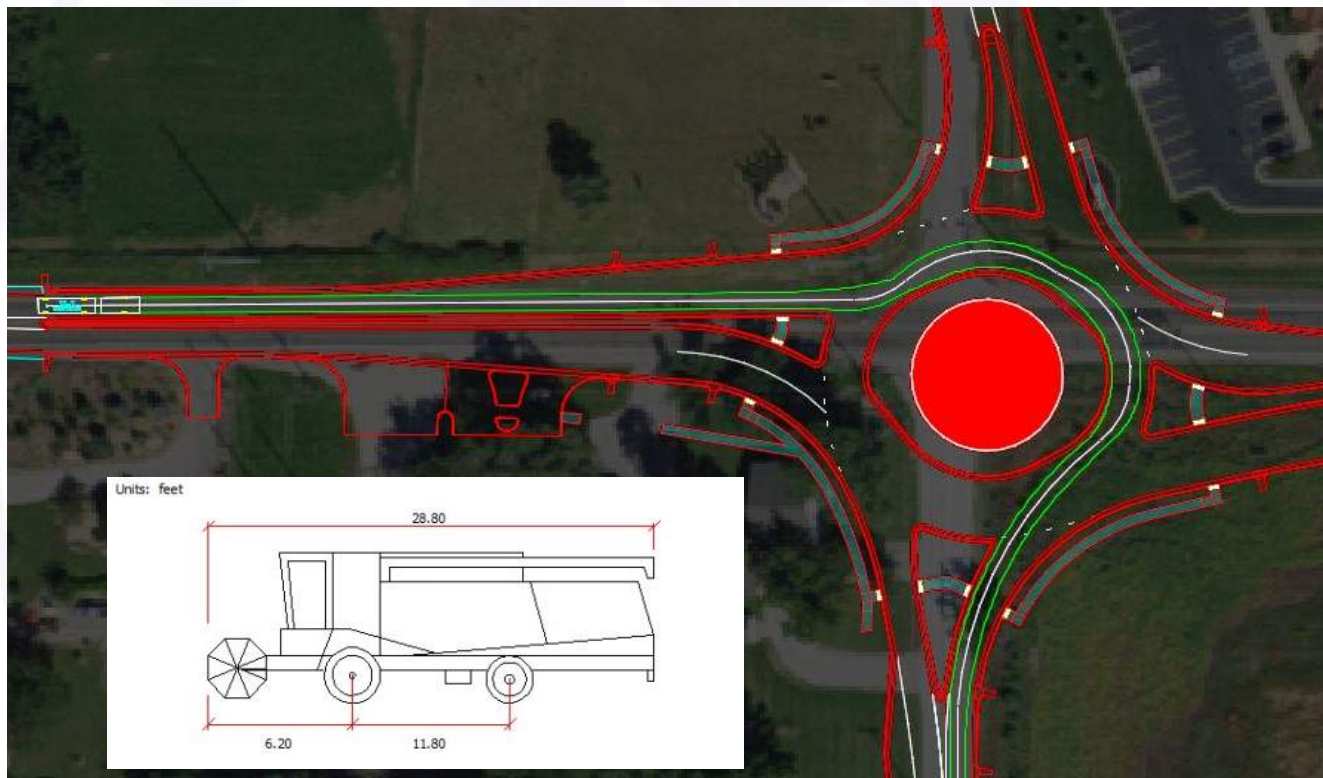
Semi Tractor-Trailer Turning Path



Indiana Design Vehicle WB-67
Interstate Route semitrailer
combination truck

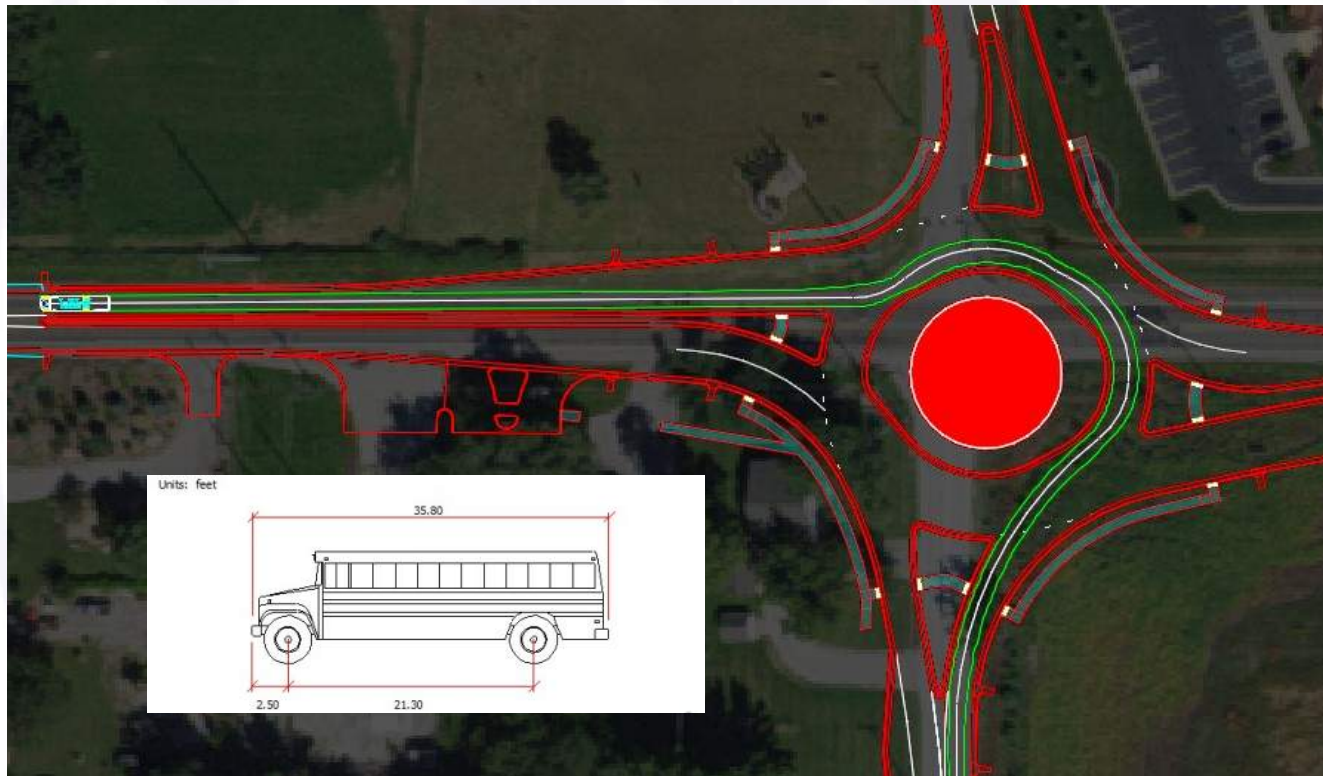
Vehicle length 73.5 ft
Vehicle width 8.5 ft

Combine Turning Path



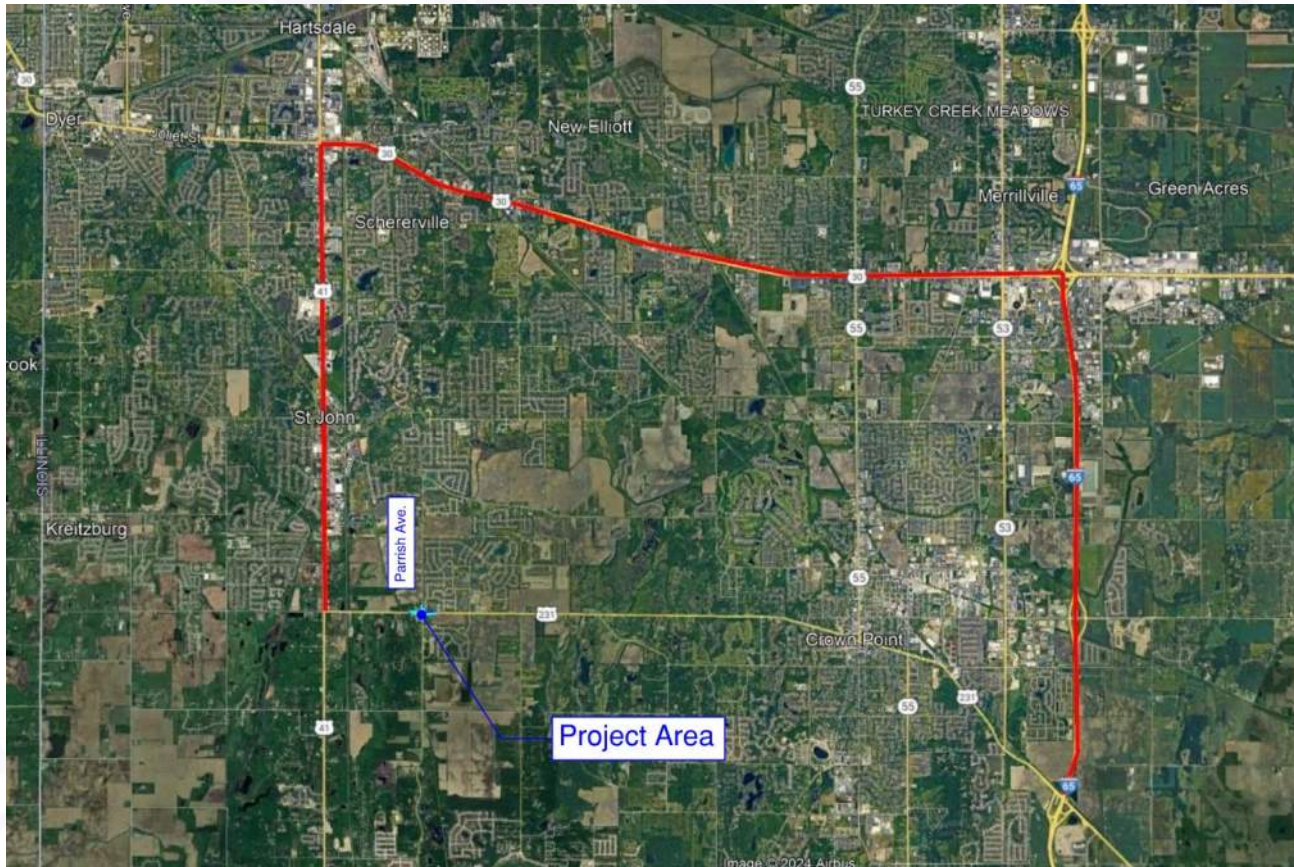
Vehicle length: 28.8 ft
Vehicle width: 11.8 ft

School Bus Turning Path



Vehicle length: 35.8 ft
Vehicle width: 8 ft

Maintenance of Traffic



Project Schedule

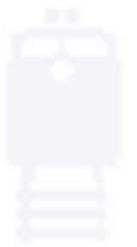
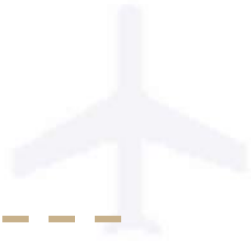
ROW
FALL 2024

LETTING
SPRING 2026

CONSTRUCTION
2027

Next Steps

- **Public and project stakeholder input**
 - Submit comments via postal mail, e-mail, or phone message.
- **INDOT review and evaluation**
 - All comments are given full consideration during the decision-making process.
 - Address comments, finalize and approve the environmental document, and complete the project design.
- **Communicate a decision**
 - INDOT will notify project stakeholders of the decision.
 - Work through local media, social media outlets; paid legal notice.
 - Make project documents accessible via repositories.
- **Questions? Contact the Public Involvement Team.**



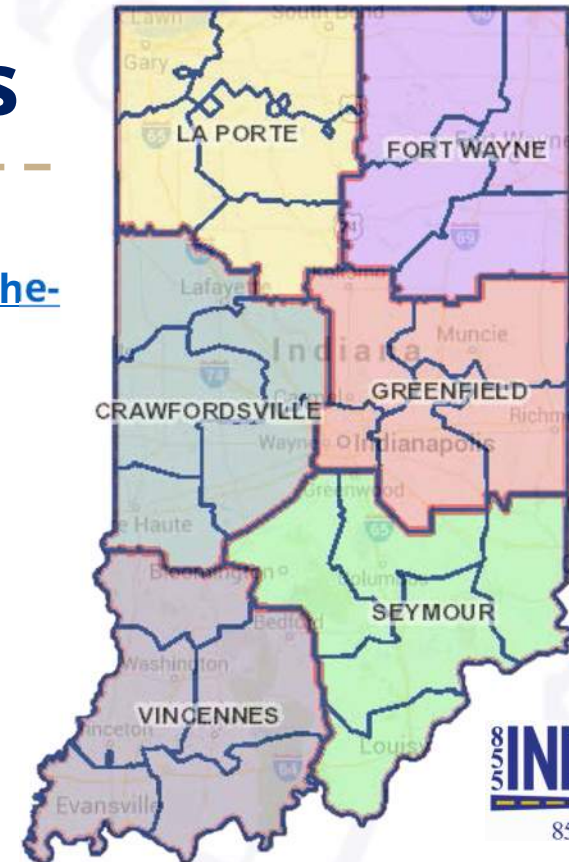
Project Resource Locations

INDOT Laporte District website –
www.in.gov/indot/about-indot/central-office/welcome-to-the-laporte-district/

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 • INDOT@indot.in.gov



Ways To Make a Formal Comment



Written Comments

By Email ckelly@kaskaskiaeng.com

By Mail
Chad Kelly, Kaskaskia
8520 Allison Point Blvd
Indianapolis, IN 46250



Website www.in.gov/indot/about-indot/central-office/welcome-to-the-laporte-district/

Voice Recorded Message

INDOT Customer Service (855) 463-6848

Public Comment Schedule



Now is the time for Comments.

Due Date for Comments – July 26, 2024



All comments will be acknowledged & documented in the Final Environmental Document.

Thank You For Watching

