

**VAN-US 30-11.34**  
**(US 30/John Brown Road RCUT)**  
**PID 120666**

This project consists of constructing a Restricted Crossing U-Turn (RCUT) at the intersection of US 30 and John Brown Road. Currently, this is an at-grade intersection with two-way stop control on the minor road approaches. US 30 is a four-lane divided highway that runs east-west with a posted speed limit of 70 miles per hour. John Brown Road is a local road that runs north-south with a posted speed limit of 55 miles per hour. The travel lanes are approximately 12' wide on US 30 and 10' wide on John Brown Road.

High traffic volumes and high rates of speed provide vehicles with few gaps to cross the intersection. This can lead to driver impatience and risky decision making. This project will decrease the number of lanes vehicles have to cross on US 30.

**Intersection History and Data**

History

- The speed limit was increased to 70 miles per hour (2013).
- Wrong Way signage and pavement markings installed (2021).

VAN/PAU US 30 Feasibility Study (PID 113196)

- A study was completed in 2023 to evaluate the feasibility of converting the corridor of US 30 from the Indiana state line to the Lincoln Highway interchange into a limited access highway.
  - The recommended short-term countermeasure was an RCUT at the intersection of US 30 and John Brown Road.
  - The most common at-grade crash type along this corridor were fixed object crashes. These crashes may be occurring due to vehicles leaving the roadway when avoiding a collision with a turning vehicle.

Crash Statistics (2018-2022)

- 17 total crashes
  - 5 angle
  - 3 rear end
  - 3 passing
  - 3 left turn
  - 2 fixed object
  - 1 right turn
- 35% injury rate
  - 1 fatal crash
  - 5 injury crashes
  - 11 property damage only crashes

AADT

2023	US-30	14,313	(46% trucks)
	John Brown	1,667	(9% trucks)
2013	US-30	11,968	(35% trucks)
	John Brown	414	N/A

## Deliverables

Consultant provides:

- Preliminary layout
- Public Involvement Support (displays/attend meeting)
- Survey
- Right-of-Way Plans
- Construction Plans
- Geotechnical

ODOT District 1 provides:

- Public Involvement
- Environmental
- Utility Coordination
- R/W Acquisition

## Funding

Funded by ODOT Safety Program

- \$420,000 for Design in FY 2025
- \$3,038,800 for Construction in FY 2028

## Additional Information

- DBE development goal
- Maintenance of Traffic
  - Full closure of John Brown Road anticipated
  - Lane closures for US 30
- Design will require coordination with VAN-30-Interchange (PID 119643) project.
- Agreement will be split into two profiles in SAFe.
  - Planning through Preliminary Engineering
  - Stage 1 through Final Design

## Prequalifications

- Roadway Design (Non-Complex)
- RW Plan Development (Limited & Complex)
- Soils/Geotechnical Services (Geotech Engineering Services / Geotech Testing Laboratory / Geotechnical Field Exploration / Geotechnical Drilling Inspection)
- Highway Lighting Design (Limited)