

ALL–SR 65-10.55
(SR65 at Bluelick Road)
PID 120533

This project consists of constructing a single lane roundabout at the intersection of SR 65 and Bluelick Road. SR 65 runs north-south and Bluelick Road runs east-west. Currently, the intersection is signalized with dedicated left turn lanes on the north and south approaches. SR 65 is a principal arterial and Bluelick Road is a major collector. Both roads have a posted speed limit of 45 miles per hour and 12' wide travel and turning lanes.

Converting the existing signalized intersection into a roundabout is predicted to be safer and operate more efficiently. The proposed roundabout is expected to have a reduction of seven crashes per year. The proposed roundabout also has a lower volume to capacity ratio in comparison to the traffic signal.

Intersection History and Data

The existing traffic signal was constructed in 2014.

Crash Statistics (2018-2022)

- 36 total crashes
 - 23 rear end
 - 4 left turn
 - 3 sideswipe
 - 3 angle
 - 1 right turn
 - 1 head on
 - 1 fixed object
- 33% injury rate
 - 12 injury
 - 24 property damage only

AADT

2023	SR-65	11,411	(8% trucks)
	Bluelick Road	8,195	(2% trucks)
2013	SR-65	10,192	(8% trucks)
	Bluelick Road	8,739	N/A

NOTE: The District has recently become aware of the proposed development of a Readiness Center for the Ohio Army National Guard that will be located approximately a half mile east of the project site on Bluelick Rd. Special consideration may be needed to accommodate military vehicles as the roundabout will be within their primary access route.

Deliverables

Consultant provides:

- Subsurface Utility Location/Engineering
- Feasibility Study
- Preliminary layouts/alternatives
- Public Involvement Support (displays/attend meeting)
- Survey
- Right-of-Way Plans
- Construction Plans

ODOT District 1 provides:

- Utility Coordination
- Public Involvement
- Environmental
- Geotechnical (via OGE)
- R/W Acquisition

Funding

Funded by ODOT Safety Program

- \$665,000 for PE Environmental in FY 2024
- \$100,000 for PE Detailed Design in FY 2025
- \$400,000 for Right of Way in FY 2025
- \$2,700,000 for Construction in FY 2028

Additional Information

- 10% DBE Goal
- Requesting delivery as FY 2027 reservoir
- 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)
- Subsurface Utility Location Services
- Highway Lighting Design (Limited)