

FAI-22-9.42

Fairfield County, Ohio

CLIENT/OWNER
Ohio Dept. of Transportation
District 5
9500 Jacksontown Road
Jacksontown, OH 43030
Doug Morgan
(740) 323-5122

COMPLETION DATE
August 2020 (Design – Est.)
August 2022 (Construction – Est.)

PROJECT COST
\$310,000 (Design)
\$1.5 Million (Construction – Est.)

E.L. ROBINSON'S ROLE
Prime Consultant
Roadway Design

PROJECT MANAGER
Brent Downing, PE

KEY STAFF
Barry Logan, PE
Matt Cornett, PE, PTOE
Charles West, PE
Scott Bing, EI



E.L. Robinson Engineering (ELR) was selected by ODOT District 5 to evaluate alternatives and redesign the intersections of U.S. Route 22 with State Route (SR) 159, and County Route 30 (Delmont Road). ELR performed an abbreviated Feasibility Study to study four intersection configurations to improve safety at the existing closely spaced intersections. Alternatives considered included a single five-legged roundabout, two closely spaced roundabouts, a realignment of SR 159 to connect to Delmont Road north of U.S. 22, and a realignment of SR 159 to the west to create more separation between intersections. ELR developed preliminary designs, completed traffic analysis, and estimated costs for each of the options. The displays created for the public involvement meeting presented the alternatives with the Preferred Alternative being the closely spaced double roundabout. Detailed design plans are currently under development for the double roundabout option, which features two single lane roundabouts with high-speed approaches on each end. The project will also have drainage improvements to two adjacent ducts. Plans will coordinate with the construction of a future gas station on the corner of Delmont Rd and U.S. 22

