

MOT-35-19.80

Montgomery County, Ohio

CLIENT/OWNER
Ohio Dept. of Transportation
District 7
1001 St. Marys Ave
Sidney, OH 45365
Jonathan Koester
(937) 497-6763

COMPLETION DATE
August 2022 (Design – Est.)
November 2024 (Construction – Est.)

PROJECT COST
\$1.3 Million (Design – Est.)
\$11 Million (Construction – Est.)

E.L. ROBINSON'S ROLE
Prime Consultant
Roadway Design
Bridge Design
Geotechnical Design
Drainage Design

PROJECT MANAGER
Brent Downing, PE

KEY STAFF
Matt Cornett, PE, PTOE
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Kevin White, PE
Jamal Nusairat, PE, PhD
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Initially, the Woodman Drive Interchange with US 35 was a part of the MOT-35 corridor improvements. The project is now separate from the MOT-35 corridor improvements to accommodate funding restrictions (PID 90273). The project originally redesigned the existing diamond interchange to be a Single Point Urban Interchange (SPUI). Determined later, it was more cost-effective was a Tight Urban Diamond Interchange (TUDI) was more cost-effective. The TUDI project involved the rehabilitation and widening of 1500' of the urban arterial Woodman Drive. ELR designed ramp geometrics and profiles to accommodate the MOT-35-18.57 Add Lane project, which was to be constructed before the MOT-35-19.80 project. Traffic will be maintained with part width construction on Woodman Drive, lane shifts on US-35, and short-term detours on the interchange ramps. Besides the MOT-835-0002, Woodman Drive over US 35, and the MOT-Woodman Drive-0.019, Woodman Drive over the Creekside Trail, structures will be rehabilitated and widened as needed to accommodate the interchange geometry. The project utilized Performance-Based Project Development to provide safe, efficient improvements to the congested interchange while maximizing the existing features.

