

# STATE ROAD 15 AT COUNTY ROAD 18 INTERSECTION IMPROVEMENT – ELKHARY COUNTY, IN - DES. 1800039

## PROJECT DETAILS

The purpose of this project is to reduce the crash rate and improve safety at the intersection of SR 15 and CR 18. The project proposes to construct 12-foot-wide left turn lanes in each direction of travel on SR 15 that extend approximately 585 feet in length from the SR 15/CR 18 intersection. The SR 15 roadway will be widened to accommodate the new turn lanes, with shoulders varying between 2-4 feet in width being maintained throughout the project area. The intersection at CR 18 will be widened in each quadrant to allow for larger turn radii. Driveways within the project area will be reconstructed. Shoulders and disturbed areas will be graded and reseeded upon completion. The existing 24-inch corrugated metal pipe (CMP) that traverses under SR 15 approximately 615 feet south of the intersection will remain in place. The east end of the structure will be connected to the existing retention basin outfall pipe using a shallow manhole junction; two new structures will also be installed to carry stormwater runoff to the manhole. The west end of the structure will be extended with a CMP 24-inch safety metal end section. On CR 18 west of the approach to the intersection, the existing concrete culvert will be removed and replaced with 55 linear feet of a new 15-inch structure with new end sections; the type of structure will be determined at the time of construction. Two structures under driveways will also be replaced.

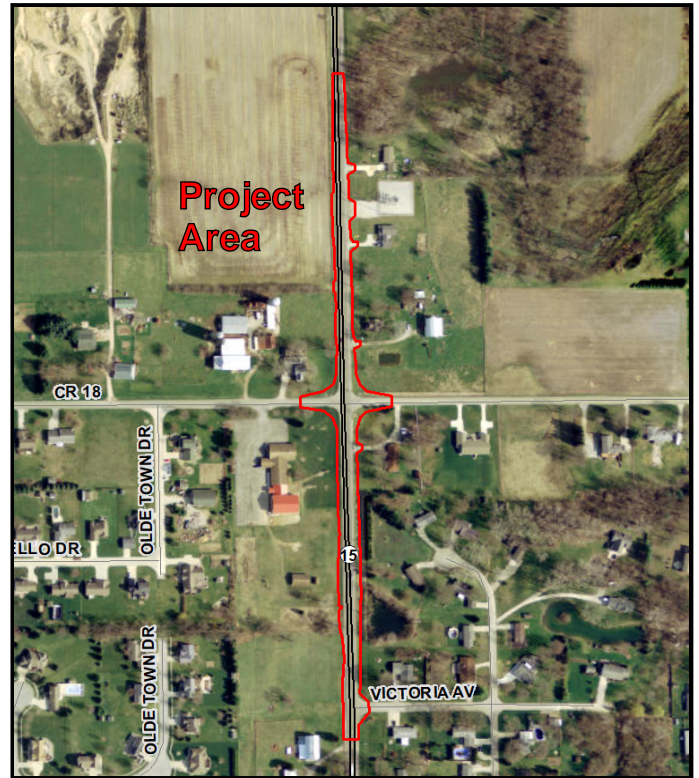
The maintenance of traffic plan proposes to conduct the project in phases, with widening of the SR 15 roadway to allow traffic to be shifted to one side while the other side is under construction. Traffic will be controlled using roadside signs and temporary pavement markers. CR 18 will require a short-term closure west of the intersection for the concrete culvert replacement; the estimated time of the closure is two weeks. The closure of CR 18 will require the use of a detour. The detour will utilize CR 23 and CR 20 and add approximately 2.4 miles of additional travel. Access to all properties will be maintained throughout construction. The project requires approximately 0.831 acre of new permanent ROW, the re-acquisition of 1.116 acres of assumed (reacquired) ROW, and 0.046 acre of temporary ROW.

**PROJECT NUMBER:** 1800039

**PROJECT STATUS:** In Design

**ANTICIPATED CONSTRUCTION START:** Spring 2023

**ESTIMATED CONSTRUCTION COSTS:** Approx. \$1.4M



## FOR MORE INFORMATION

<https://www.in.gov/indot/2703.htm>

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