

PROJECT FACT SHEET

PROJECT LOCATION

The Rock County Public Works Department and the Town of Janesville, in conjunction with the Wisconsin Department of Transportation, is proposing a bridge and approach replacement on Polzin Road over Marsh Creek in Rock County. This project will replace the existing structure with single span flat slab bridge. The total project is approximately 150 feet in length, ±50 feet north and south of the bridge. A project location map is attached for your reference.

PROJECT NEED

The need for this project is to address the roadway safety, geometrics, and connectivity of the existing substandard and deteriorated structure over Marsh Creek. The existing bridge was built in 1937 and is badly deteriorated with unstable foundations. The bridge is structurally deficient and shows signs of spalls, cracks, corrosion, and sections loss at the girders.

EXISTING BACKGROUND INFORMATION

- The existing traffic volume on Polzin Road is approximately 110 vehicles/day.
- The existing roadway geometry consists of two 10-foot travel lanes and 2-foot gravel shoulders on each side. The existing bridge is a single span steel deck girder bridge that is approximately 20 feet wide and 24 feet long. See attached plan exhibit for proposed project elements in **Orange**.
- Existing roadway right of way varies between 66' – 77' within the project limits. See attached plan exhibit for proposed project elements in **Red**.

PROPOSED IMPROVEMENTS

- Replace the existing structure with a single span flat slab bridge with parallel wing walls and tubular steel railing Type M. Clear roadway width of 24 feet. Total structure length of 37.5 feet. See attached photo exhibit for a representative bridge with similar features.
- Replace approximately 50-feet of the existing roadway approaches with a new asphalt roadway consisting of 20-feet of pavement for two 10-foot lanes and 2-foot gravel shoulders on each side. See attached plan exhibit for proposed project elements in **Green**.

FUNDING AND CONSTRUCTION COSTS

- The project is 80% state funded and 20% locally funded. The estimated construction estimate is between \$300,000 - \$350,000.

OTHER INFORMATION

- The roadway will be closed during the duration of the project.
- Right-of-way or temporary easements are not anticipated for this project.

PROJECT SCHEDULE

- Final Plan Submittal – August 2020
- Construction begins - Summer 2021
- Work to be completed in approximately 3 to 4 months.

PROJECT CONTACTS

Rock County

Duane Jorgenson, P.E., Rock County Director of Public Works

Phone: 608-757-5450

duane.jorgenson@co.rock.wi.us

Town of Janesville

Bruce Schneider, Chairman

Phone: 608-751-1245

tnclerk@litewire.net

MSA Professional Services

Jaime Kurten, P.E.

Phone: 608-242-7779

jkurten@msa-ps.com