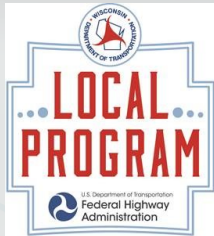


# Polzin Road Bridge Replacement

## Public Informational Outreach

Presented By: MSA Professional Services, Inc. in collaboration with  
WisDOT, Rock County, and Town of Janesville

Spring 2020



# Overview

- Project Team
- Project Need
- Project Background
- Proposed Improvements
- Plan and Profile Exhibits
- Schedule & Construction Staging
- Funding and Costs
- Project Feedback



# Project Team

- Wisconsin Department of Transportation
  - Zachary Pearson, P.E. – Local Program Project Manager SW Region
- Rock County
  - Duane Jorgenson, P.E. – Rock County Director of Public Works
- Town of Janesville
  - Bruce Schneider, Town of Janesville Chairman
- MSA Professional Services, Inc.
  - Jaime Kurten, P.E. – Project Manager
  - Leah Rhodes, P.E. – Bridge Design Manager
  - Nathan Cook, P.E. – Project Engineer

# Project Need

- Project Need

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



# Project Background

Rock County applied for and received state funding through WisDOT's Local Bridge Improvement Program.

Project ID 5758-00-03/73

Town of Janesville, Polzin Road  
(Marsh Creek Bridge P-53-0903)

Town Road  
Rock County

# Project Background

- Existing Roadway
- Existing Traffic Volume: 110 vehicles/day
- Existing Roadway Geometrics: Two 10-foot travel lanes, 2-foot gravel shoulders on each side. (Shown in **Orange** on Plan Exhibit)
- Existing Right of Way Width: 66 feet – 77 feet (Shown in **Red** on Plan Exhibit)



# Project Background

- Existing Structure
- Single Span Steel Deck Girder Bridge with metal railing
- Existing Width: 20-feet
- Existing Length: 24-feet

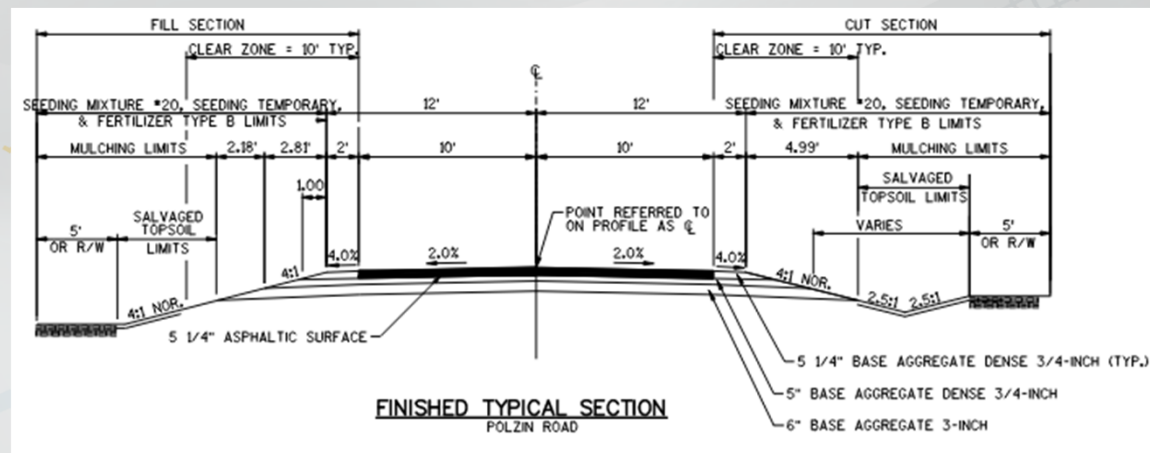




# Proposed Improvements

## Roadway Improvements

- Horizontal and Vertical alignments will closely match existing roadway
- Replace 50-feet of existing roadway approaches with new asphalt. Two 10-foot travel lanes and 2-foot gravel shoulders on each side. (Shown in **Green** on Plan Exhibit)





# Proposed Improvements

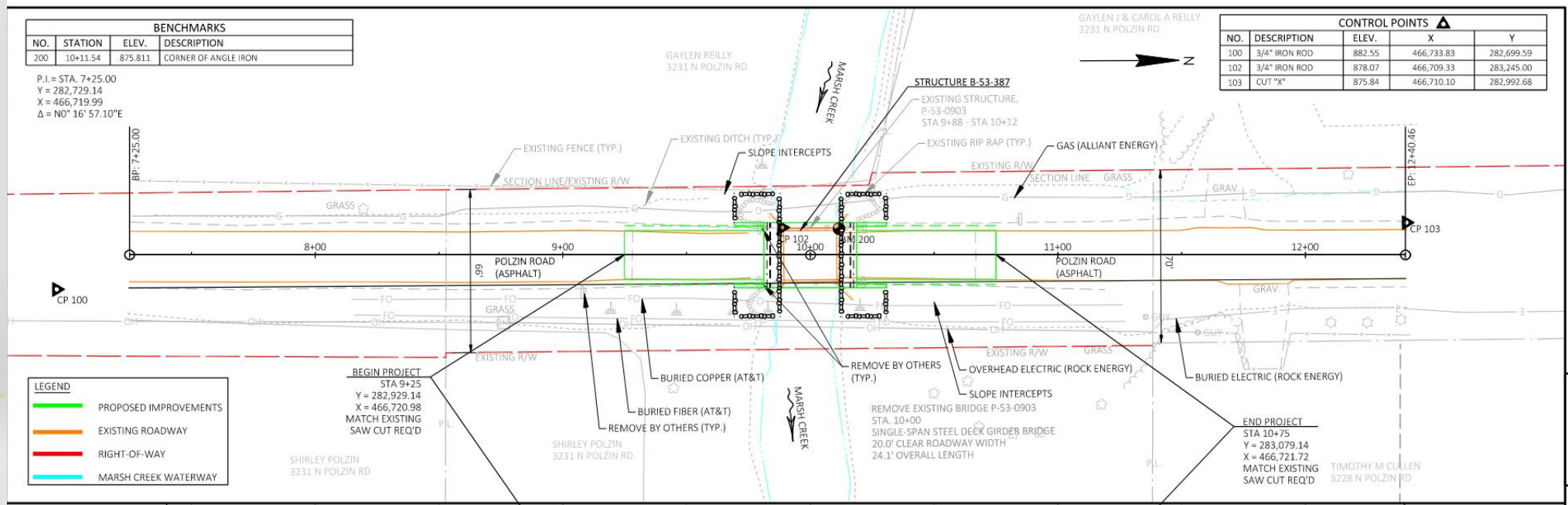
## Bridge Improvements

- Replace existing structure with a single span flat slab bridge with wings parallel to the roadway and tubular steel Type M Railing. The new bridge will be 24-feet wide and 37.5-feet long.
- Additional beam guard is not anticipated

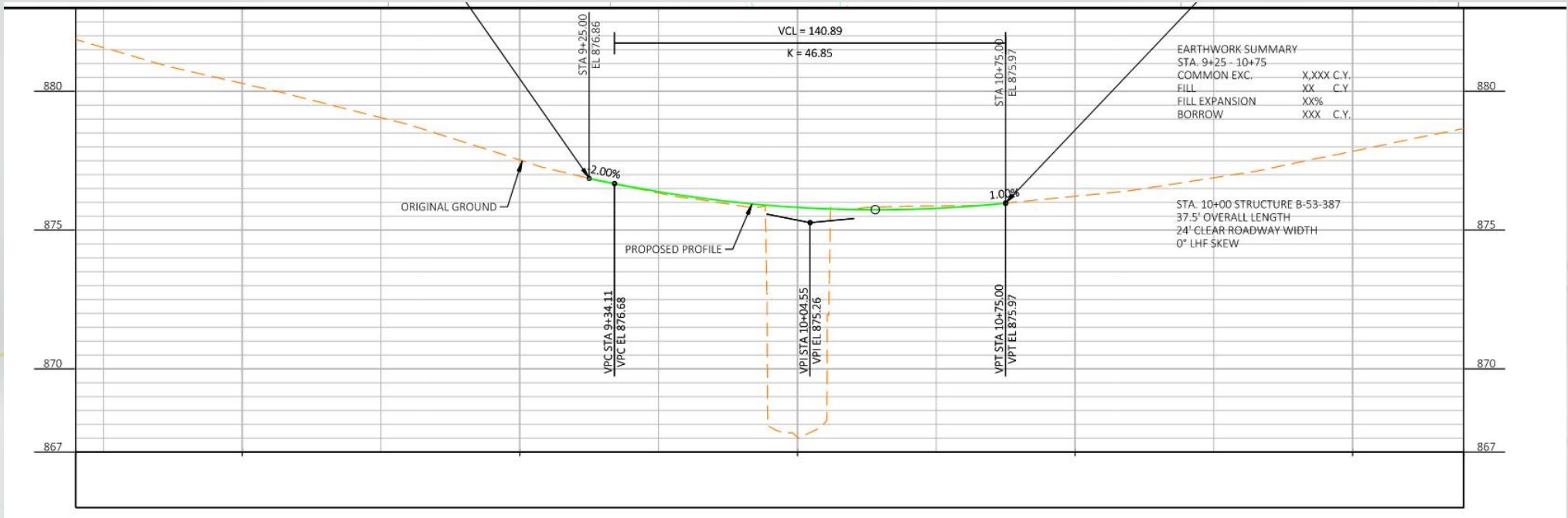
*Single Span Bridge with Type M Railing  
Wings Parallel to the Road*



# Plan Exhibit



# Profile Exhibit



# Schedule & Construction Staging

## Schedule

Preliminary Structure Plan	April 2020
Environmental Document	May 2020
Preliminary Road Plan	June 2020
Soils Report	July 2020
Design Study Report	July 2020
Final Road Plans	September 1, 2020
Final Structure Plans	September 1, 2020
Final PS&E	November 1, 2020
Bid Letting	February 9, 2021
Construction	Summer 2021

## Construction Staging

- Polzin Road will be closed to traffic for the duration of construction.
- Construction is anticipated to be 3-4 months beginning in June 2021 and ending near Labor Day of 2021



# Funding and Costs

- Project is funded through WisDOT's Local Bridge Improvement Program. 80% of the project cost will be state funded while 20% will be funded locally.
- Current construction costs are estimated to be between \$300,000 and \$350,000.
- Right of Way acquisition is not needed for this project.

# Project Feedback

## Public Comment Opportunities

- Fill out and mail prepaid postage comment postcard that was included in the initial project mailer for those within the project vicinity
- Share your comments via email or phone to either:

Duane Jorgenson, P.E.

[Duane.Jorgenson@co.rock.wi.us](mailto:Duane.Jorgenson@co.rock.wi.us)

(608)-757-5450

Jaime Kurten, P.E.

[jkurten@msa-ps.com](mailto:jkurten@msa-ps.com)

(608)-242-7779

- Visit Rock County's website <https://www.co.rock.wi.us/highway-projects>  
→Federal Aid Projects→ Polzin Road Bridge and submit your comments.

