

# Public Involvement

## State Project ID 8884-00-02/72

### Pine Road Bridge Replacement

### Town of Thorp, Clark County

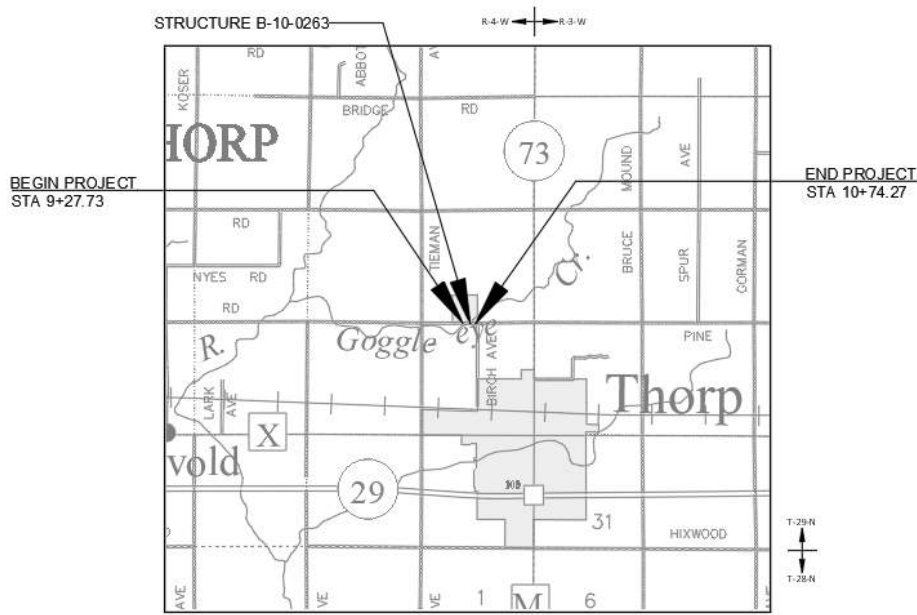
Public Involvement Period: December 20, 2023 – January 20, 2024



# Project Location

8884-00-02  
Pine Road over Goggle-Eye Creek  
Town of Thorp, Clark County

**Legend**  
Feature 1  
Project Location (P-10-0936)



# Purpose and Need of Project

- Replace the existing bridge
  - Existing structure is in poor condition
- Minimal approach roadway work



# Project Overview

- Bridge to be constructed in 2025
- Pine Road to be closed to traffic
- Construction estimated to be approximately 2-3 months



# Existing Roadway Approaches

Looking East



Looking West



# Existing Bridge (P-10-0936)

- The existing structure is a 36.5-foot-long single-span timber deck girder bridge on timber abutments (foundations)
- Clear roadway width of existing bridge is 23.6 feet between railings
- Bridge was built in 1965
- Bridge is in poor condition and has a sufficiency rating of 38 out of 100
  - **Note:** The bridge sufficiency rating is a computed numerical value between zero and 100 used to help determine a bridge's priority for rehabilitation or replacement and eligibility for state or federal funding. The rating considers structural factors noted during a bridge inspection, a bridge's geometry, and the amount of traffic the bridge handles. A bridge with a sufficiency rating of 80 or less is eligible for bridge rehabilitation funding. A bridge with a sufficiency rating of 50 or less is eligible for replacement funding.
- Vertical clearance under the bridge was 5.1 feet on date of survey



# Existing Bridge (P-10-0936) (cont.)

- Most Recent Bridge Inspection

- Deck Condition Rating = 4 (Poor Condition)
- Superstructure Condition Rating = 5 (Fair Condition)
- Substructure Condition Rating = 4 (Poor Condition)
- 10 Ton load posting
- Timber piles are deteriorated and have cracking and rot
- Timber girder 7 and 8 have horizontal cracks



# Existing Roadway

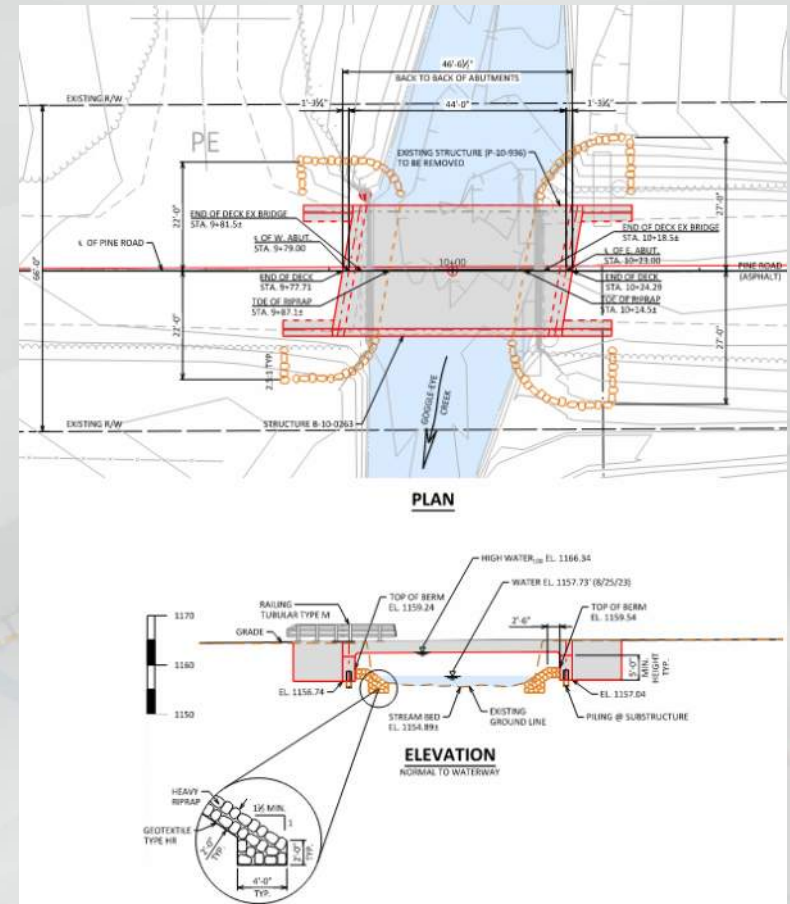
- Pine Road is a rural local road
- Average daily traffic less than 100 vehicles per day
- Existing roadway consist of 24-foot-wide gravel driving surface
- No guardrail along the approaches to the bridge





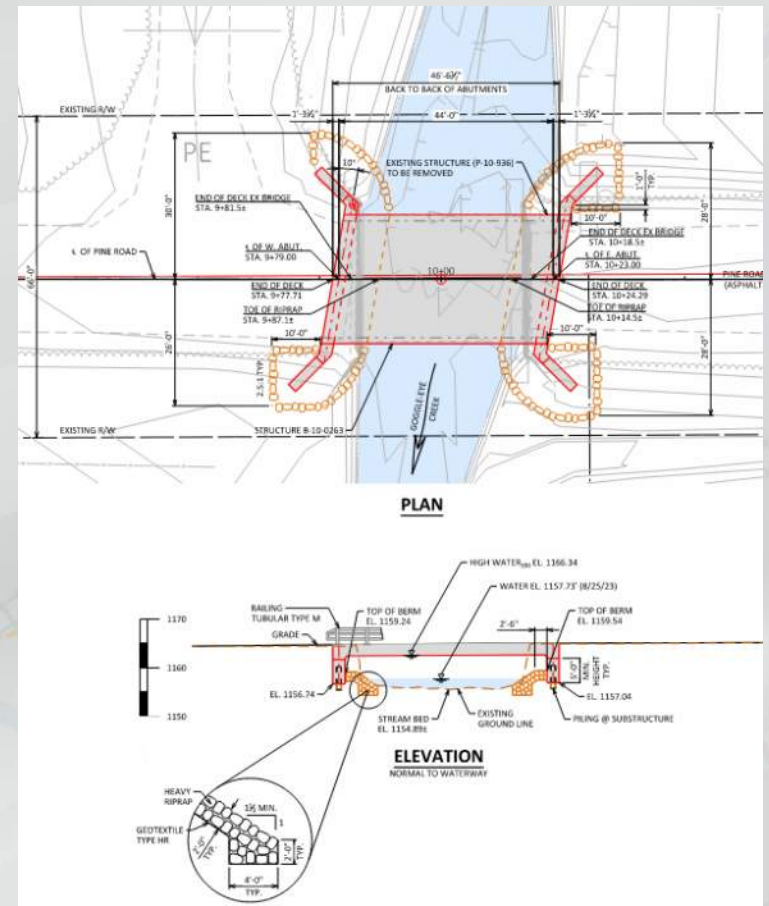
# Proposed Bridge (B-10-0263) Alternative A

- Alternative A is a 44-foot-long single-span concrete flat slab bridge sill-type(A1) concrete abutments (foundations)
- Railings extend onto wingwalls running parallel to the road at each corner of the bridge.



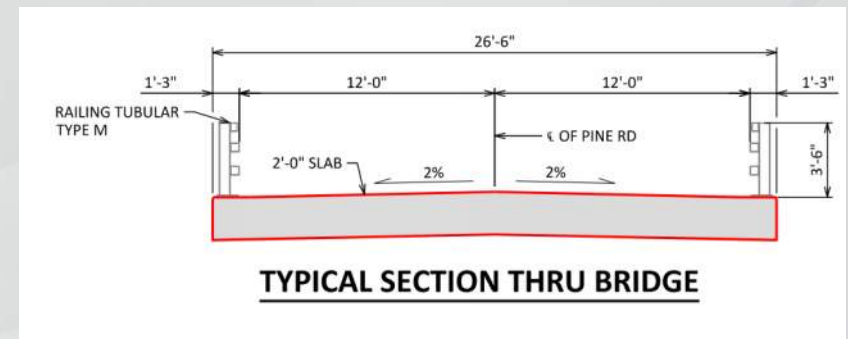
# Proposed Bridge (B-10-0263) Alternative B

- Alternative B is a 44-foot-long single-span flat slab bridge on vertical pile encased (A5) concrete abutments (foundations)
- No railings on angled wingwalls at each corner of the bridge



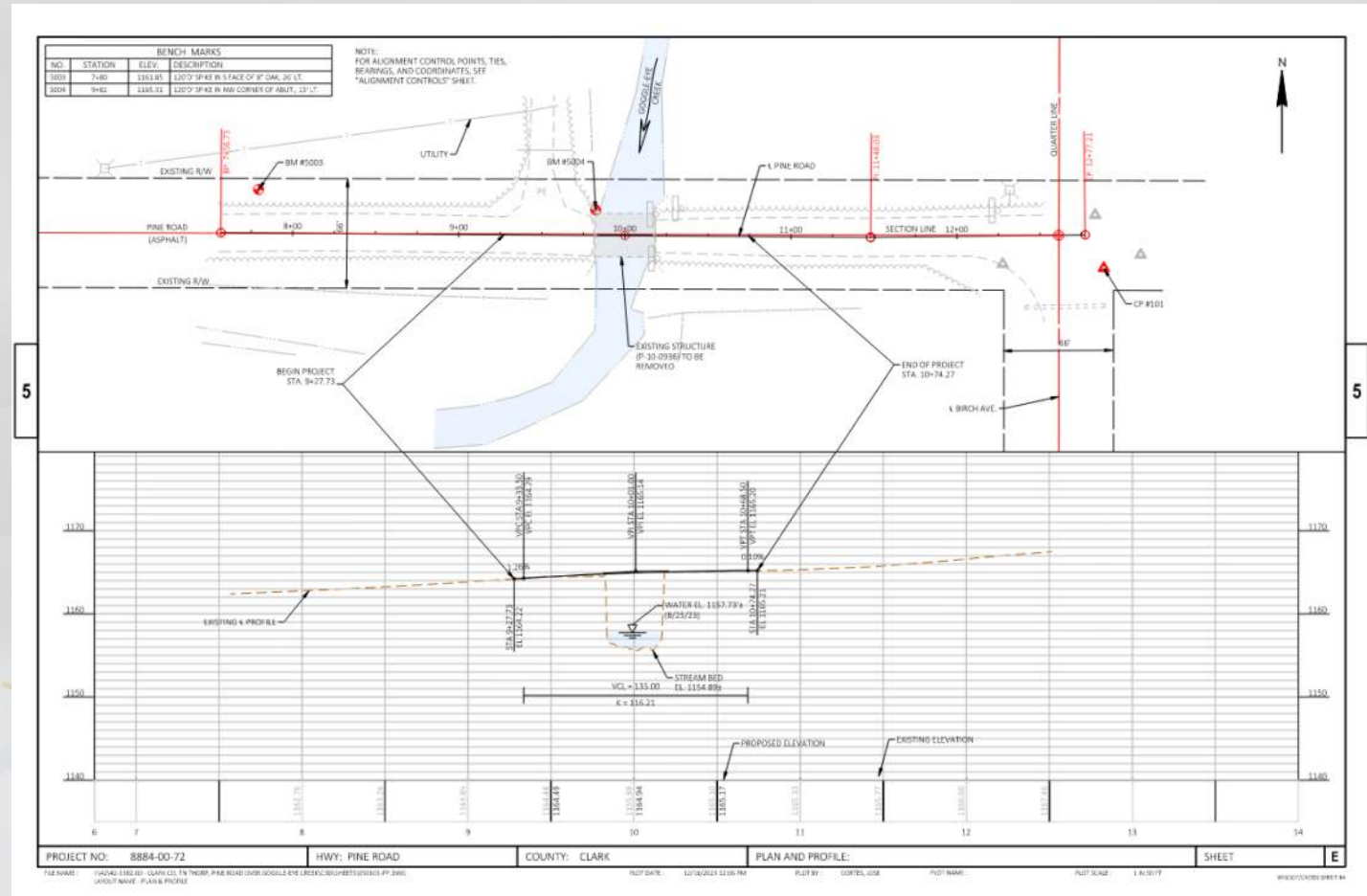
## Proposed Bridge (B-10-0387) (cont.)

- Proposed bridge would have a clear roadway width of 24 feet, which is 0.4 feet wider than the existing bridge
- Steel tube open railings are typical preference for town bridges



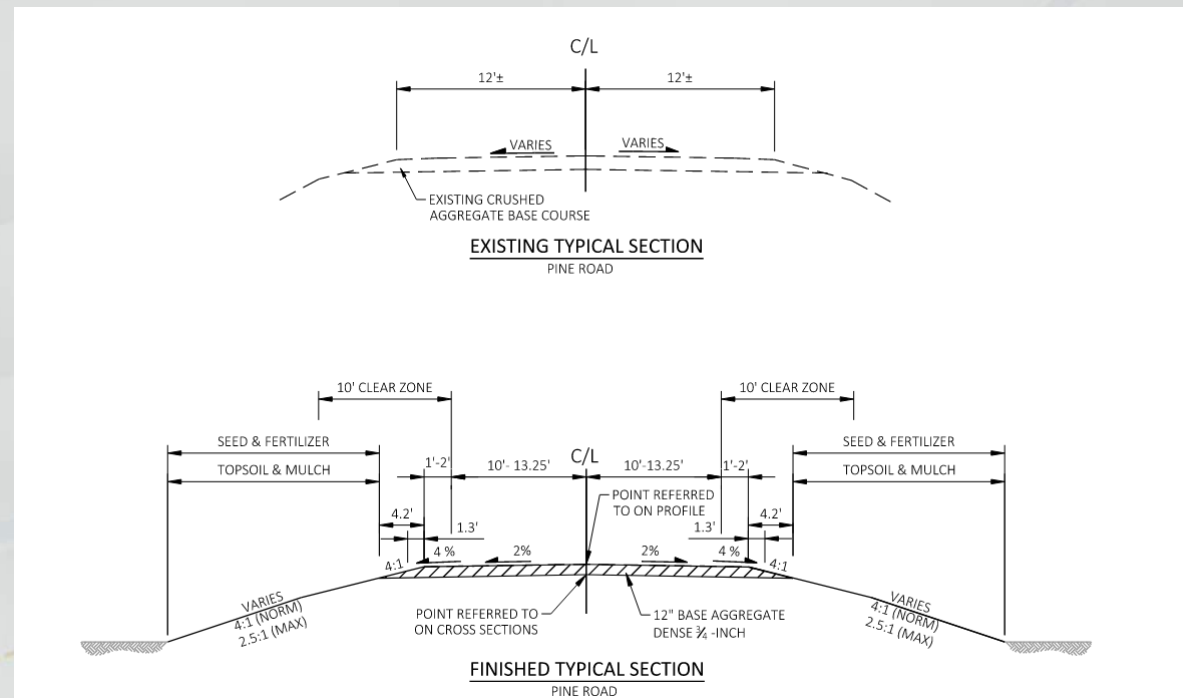
# Proposed Approach Work

- Minimal (50 feet each end of bridge) roadway will be replaced at each end of the bridge
- Total project length is 147 feet
- Additional right-of-way is not anticipated



# Proposed Approach Work (cont.)

- Location of bridge will remain the same
- Road slope will remain the same
- New approaches will provide new gravel driving surface tapering from existing to match into the new bridge.



# Costs

- The project is part of the federal bridge replacement program
- Construction costs are anticipated to be about \$493,000 for Alternative A and \$474,000 for Alternative B.
- State/Federal funds are anticipated to cover 100% of the cost

# Questions or Comments

**For additional information, please contact:**

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Comments can be provided by mail, email, or phone to any of the above individuals.  
A comment form is provided on the same webpage as this presentation

(<https://www.clarkcountywi.gov/highwayprojects>)

Comments regarding this project may be submitted until: January 20, 2024

