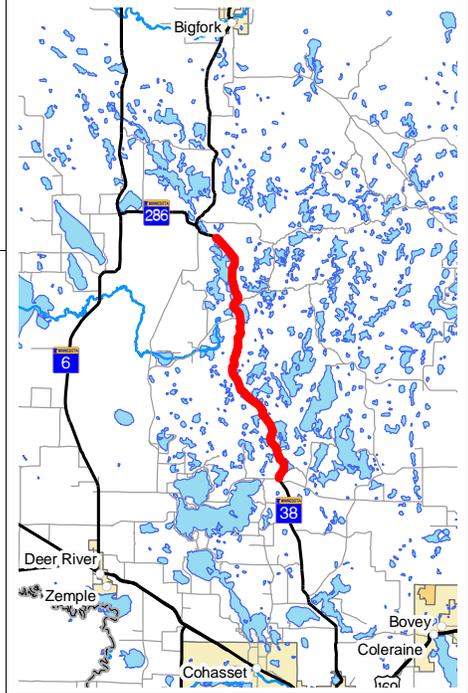


# PROJECT SUMMARY

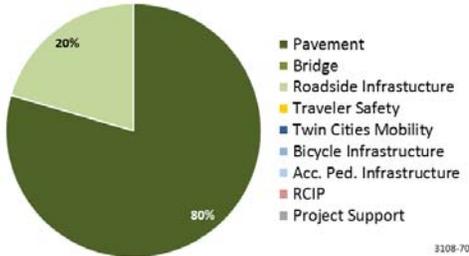
Hwy 38  
 County Road 19 to the City of Marcell  
 State Project No. 3108-70



## Primary Purpose:

Performance-based Need: Pavement Condition

## Investment Category:



## Project Description:

The project is 14 miles long, from County Road 19 to the City of Marcell. The work consists of pavement resurfacing, drainage and other road improvements.

## Recent Changes and Updates

The project design is on schedule for delivery in March 2017. The Environmental Assessment required for property acquisition in the Chippewa National Forest is underway.

## Project History:

This segment of Hwy 38 was originally graded in the late 1920s and included a gravel surface. In the late 1940s improvements were made including numerous spot overlays, additional gravel and a bituminous surface. Continued construction and maintenance projects occurred over time, with the most recent bituminous overlay completed in 2000.

The purpose of this project is to recondition and resurface the existing highway to improve ride quality, extend the useful life of the highway, and reduce maintenance costs.

## Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2014

|                              | <u>Baseline Est.</u> | <u>Current Est.</u> |
|------------------------------|----------------------|---------------------|
| Construction Letting:        | \$ 12.2              | \$ 12.4             |
| Other Construction Elements: | \$ 1.0               | \$ 1.0              |
| Engineering:                 | \$ 2.3               | \$ 2.4              |
| Right of Way:                | \$ 0.3               | \$ 0.4              |
| <b>Total:</b>                | <b>\$ 15.8</b>       | <b>\$ 16.2</b>      |

*Construction cost estimates are adjusted to the mid-year of construction, using inflation rates provided by OTSM.*

## Key Cost Estimate Assumptions:

The cost estimate was updated in February of 2014 and includes costs for bituminous resurfacing and other road improvements.

## Project Risks:

Project risks include subgrade conditions, difficulties in achieving safety improvements, wetland impacts and potential for rock excavation. Additional risks include the need for an environmental assessment by Chippewa National Forest, and a right of way acquisition.

## Schedule:

Environmental Approval Date: Pending Approval  
 Municipal Consent Approval Date: Not Needed  
 Geometric Layout Approval Date: Not known  
 Construction Limits Established Date: Not known  
 Original Letting Date: 01/02/2009  
 Current Letting Date: 03/24/2017  
 Construction Season: 2017  
 Estimated Substantial Completion: Summer 2018



Minnesota Department of Transportation  
 District 1  
 1123 Mesaba Ave  
 (218) 725-2700

**District Engineer:** Duane Hill  
**Project Manager:** Michael Kalnbach

**Revised Date:** 12/15/2015