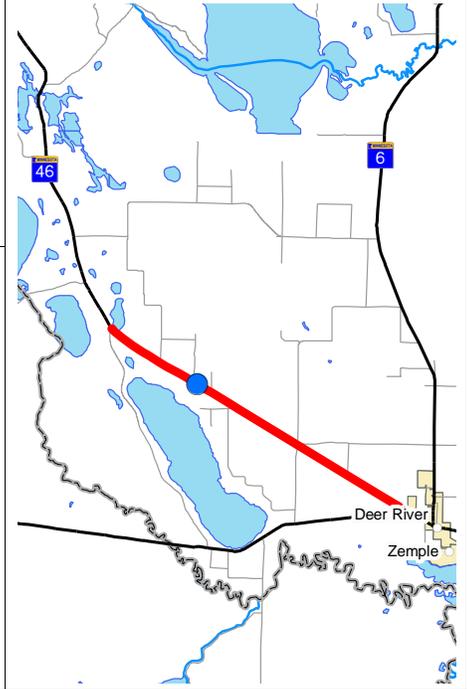


PROJECT SUMMARY

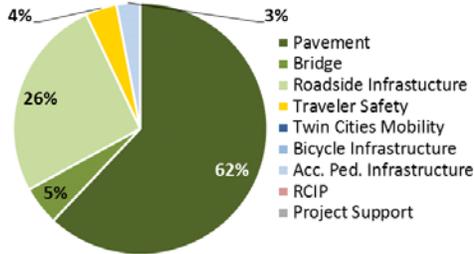
Hwy 46
From Hwy 2 to Itasca Hwy 39
Bridge 5623
State Project No. 3109-41M



Primary Purpose:

Performance-based Need: Pavement Condition

Investment Category:



Project Description:

The project consists of resurfacing 10 miles of highway, replacing 1 box culvert bridge, replacing 53 failing culverts, constructing 4 turn lanes, constructing a truck pull off area and replacing signs.

Recent Changes and Updates

A new entrance and right turning lane has been constructed on Hwy 46 by the White Oak Casino.

Project History:

New project added to the 2015-2018 STIP.

The pavement surface ride quality has fallen below an acceptable level. Centerline culvert crossings and entrance culverts may fail. Bridge 5623 lacks adequate recovery area for run-off-the-road vehicles. Key intersections lack turning lanes. Narrow shoulders do not have adequate space for trucks to check loads. Signs do not meet reflectivity requirements. The proposed project provides a smooth riding surface, a structurally sound bridge, new culverts and increased safety.

Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2015

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 4.2	\$ 4.2
Other Construction Elements:	\$ 0.2	\$ 0.2
Engineering:	\$ 0.8	\$ 0.8
Right of Way:	\$ 0.0	\$ 0.0
Total:	\$ 5.2	\$ 5.2

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

Key Cost Estimate Assumptions:

The estimate was developed based on 2013 historical cost data and uses an inflation factor to the midpoint of construction.

Project Risks:

Culverts are in extremely poor condition and may fail prior to construction letting. The project's location within the Chippewa National Forest and the Leech Lake Band of Ojibwe Reservation may lengthen schedule or increase costs. Proposed development at the White Oak Casino may effect shoulder access and project costs.

Schedule:

Environmental Approval Date: Pending Approval
Municipal Consent Approval Date: Not Needed
Geometric Layout Approval Date: Not Needed
Construction Limits Established Date: Pending Approval
Original Letting Date: 3/23/2018
Current Letting Date: 12/15/2017
Construction Season: 2018
Estimated Substantial Completion: Nov. 2018



Minnesota Department of Transportation
District 2
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(218) 755-6500

District Engineer: Craig Collison
Project Manager: Rachel Hoff

Revised Date: 12/15/2015