

PROJECT SUMMARY

Hwy 34

Hwy 9 in Barnesville to Hwy 59 at Dunvilla

State Project No. 1404-17

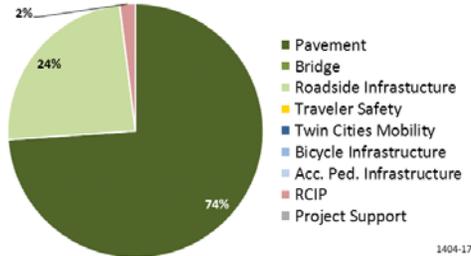
Substantially Complete



Primary Purpose:

Performance-based Need: Pavement condition

Investment Category:



1404-17

Project Description:

19 mile long pavement rehabilitation project from Hwy 9 in Barnesville to Hwy 59 at Dunvilla. The effort also includes shoulder work, installing rumble strips, and culvert replacement.

Recent Changes and Updates

Project is substantially complete.

Project History:

This project was initiated due to the intense annual maintenance required to repair cracks, rutting and other deficiencies. It also appears that gravel truck traffic increased from Hwy 32 west, resulting in more rapid deterioration of the roadway. The project was scoped in May 2011. The project scope was expanded to include from I-94 to Hwy 9.

Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2011

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 8.1	\$ 6.6
Other Construction Elements:	\$ 0.8	\$ 0.7
Engineering:	\$ 1.7	\$ 1.5
Right of Way:	\$ 0.0	\$ 0.0
Total:	\$ 10.6	\$ 8.8

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

Key Cost Estimate Assumptions:

The baseline estimate was adjusted to 2015 year of construction using an inflation rate of 1.05. Assumes project will be a bituminous resurfacing project. Current cost estimate reflects low bid amount for the project.

Project Risks:

Project risks include subgrade corrections for poor soils beneath the pavement that cause frost heaves and pavement problems at culvert locations.

Schedule:

Environmental Approval Date: 01/31/2014
 Municipal Consent Approval Date: Not Needed
 Geometric Layout Approval Date: Not Needed
 Construction Limits Established Date: 06/07/2015
 Original Letting Date: 05/20/2011
 Current Letting Date: 02/27/2015
 Construction Season: 2015
 Estimated Substantial Completion: August/2015



Minnesota Department of Transportation
 District 4
 1000 Hwy 10 W
 (218) 846-3600

District Engineer: Jody Martinson
Project Manager: Tom Lundberg

Revised Date: 12/15/2015