

PROJECT SUMMARY

Hwy 27

Hwy 55 east to west of I-94

State Project No. 2101-21

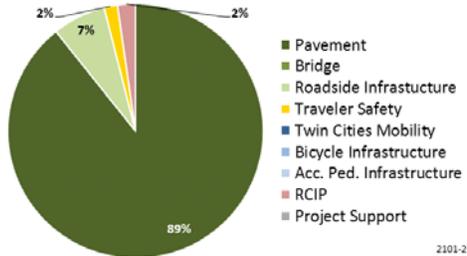
Substantially Complete



Primary Purpose:

Performance-based Need: Pavement Condition

Investment Category:



2101-21

Project Description:

Mill and cold in-place recycle with a bituminous overlay for 17.7 miles between I-94 and Hwy 55. Culverts will be replaced and a by-pass lane at County Road 15 will be constructed to improve safety.

Recent Changes and Updates

Construction was substantially complete in 2014.

Project History:

The existing bituminous pavement is severely cracked and potholes are developing as the pavement structure continues to deteriorate. Many of the centerline culverts are in very poor condition and need replacement. Preliminary design has begun. Right of way acquisition is ongoing. The materials design recommendations letter and plan design were completed this year.

The letting is in October 2013. This project is no longer an alternative bid project.

Construction was completed summer of 2014. Trouble with roadway section by Lake Oscar from moisture in the subgrade. The less expensive fix was selected.

Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2010

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 8.7	\$ 6.4
Other Construction Elements:	\$ 0.9	\$ 0.0
Engineering:	\$ 1.9	\$ 0.8
Right of Way:	\$ 0.1	\$ 0.0
Total:	\$ 11.6	\$ 7.2

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

Key Cost Estimate Assumptions:

Project let and awarded. The cost of this project decreased due to lower milling and bituminous unit costs in the low bid.

Project Risks:

High water table condition for culvert replacements. Access management throughout construction.

Schedule:

Environmental Approval Date: 05/30/2013
 Municipal Consent Approval Date: Not Needed
 Geometric Layout Approval Date: Not Needed
 Construction Limits Established Date: 12/01/2012
 Original Letting Date: 04/17/2014
 Current Letting Date: 10/25/2013
 Construction Season: 2014
 Estimated Substantial Completion: July, 2014



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Revised Date: 12/15/2015