

PROJECT SUMMARY

Hwy 169

Nine Mile Creek Bridge (Hopkins, Edina, Minnetonka)

Bridge 27568

State Project No. 2772-113

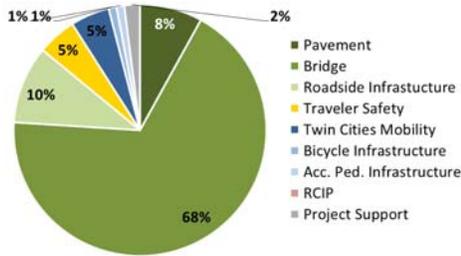
<http://www.dot.state.mn.us/metro/projects/hwy169hopkins/index.html>



Primary Purpose:

Performance-based needs: Bridge Condition

Investment Category:



Project Description:

Replace Bridge #27568 (New Br # 27W35) over Nine Mile Creek in Hopkins/Edina and replace culvert 90478 (new Culvert 27X15). Design build project tied to 2772-104, 2772-105, 2772-110)

Recent Changes and Updates

This is the first year this project was included in the MHP. As a result of the 2015 legislative session, funding was provided for additional preservation projects and the Nine Mile Creek Bridge project (SP 2772-113) was selected to be moved into SFY 2017. The bridge project will now be delivered in calendar year 2016 (SFY 2017) and will be tied to a pavement project on US 169 (SP 2772-105).

Before the 2015 legislative session funding, this project was planned in SFY 2021 of the Capital Highway Investment Proposal.

Project History:

Replacing the bridge over Nine Mile Creek on Hwy 169. The current bridge conditions require that it be replaced by 2020. The bridge is being built to accommodate any future expansion of Hwy 169. The bridge is approximately 3,000 ft. long and replacement is a significant undertaking.

This project is being done with a pavement project on Hwy 169, acceleration and deceleration lanes lengthening by Cedar Lake Road and a ramp closure of West 16th Street in St. Louis Park.

Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2016

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 65.9	\$ 65.9
Other Construction Elements:	\$ 1.8	\$ 1.8
Engineering:	\$ 1.3	\$ 1.3
Right of Way:	\$ 0.9	\$ 0.9
Total:	\$ 69.9	\$ 69.9

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

Key Cost Estimate Assumptions:

Project is Design Build - project estimate assumes/includes a design build innovation savings of \$2.3M.

Project Risks:

Risks include agency permits, remove pilings, flood plain mitigation, noise walls, a July 2016 letting, traffic impacts of a full road and bridge closure, and traffic impacts of parallel projects.

Schedule:

Environmental Approval Date: pending
 Municipal Consent Approval Date: pending
 Geometric Layout Approval Date: pending
 Construction Limits Established Date: 42219
 Original Letting Date: 44361
 Current Letting Date: 42578
 Construction Season: 2016/2017
 Estimated Substantial Completion: 2017



Minnesota Department of Transportation
 District M
 1500 West County Road B2
 (651) 234-7500

District Engineer: Scott McBride
Project Manager: Andrew Lutaya

Revised Date: 12/15/2015