

PROJECT SUMMARY

I-535

On the I-535 Blatnik Bridge over the St. Louis River between Duluth, MN and Superior, WI.

Bridge 9030

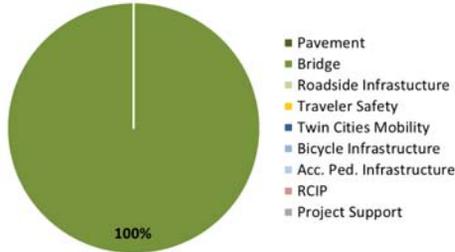
State Project No. 6981-9030L



Primary Purpose:

Performance-based Need: Bridge condition.

Investment Category:



Project Description:

The Blatnik Bridge on I-535 between Duluth, MN and Superior, WI will have some of its steel structural members repainted along with minor concrete repairs to the superstructure.

Recent Changes and Updates

This bridge rehabilitation project is scheduled for construction years 2019 and 2020.

Project History:

The Blatnik Bridge was originally built in 1961, and previous bridge work included: major renovation and remodeling work such as, widening of the main truss in 1993, painting, concrete barrier replacement, joint replacements and lighting in 2012.

The need for the project is driven by a deteriorating paint system, which if left unchecked would expose the steel bridge to accelerated corrosion. The bridge is fracture critical. This project will paint areas that were not painted in the 2012 project.

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:	\$ 8.6	\$ 13.4
Other Construction Elements:	\$ 0.3	\$ 0.9
Engineering:	\$ 1.7	\$ 2.7
Right of Way:	\$ 0.0	\$ 0.0
Total:	\$ 10.6	\$ 17.0

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

Key Cost Estimate Assumptions:

The base cost estimate was prepared in April of 2015 prior to scoping. The estimate included costs for bridge painting. The current estimate was prepared in August of 2015 after scoping was complete. 50% of the project cost will be paid for by WisDOT.

Project Risks:

Project will require cost sharing with the state of Wisconsin and their funding may not be available till 2020 or later.

Schedule:

Environmental Approval Date: Pending Approval
 Municipal Consent Approval Date: Not Needed
 Geometric Layout Approval Date: Not Needed
 Construction Limits Established Date: Not Needed
 Original Letting Date: 01/01/2019
 Current Letting Date: 12/21/2018
 Construction Season: 2019 & 2020
 Estimated Substantial Completion: Fall of 2020



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Revised Date: 12/15/2015