

PROJECT SUMMARY

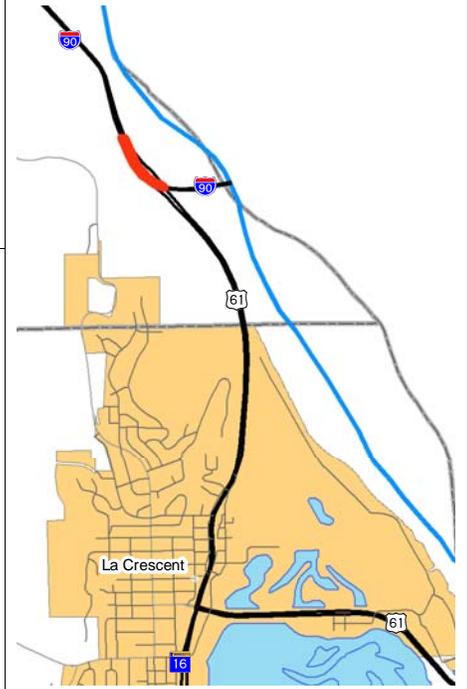
I-90

Mississippi River Bridges - Dresbach

Bridge 85801, &, 85802

State Project No. 8580-149

<http://www.dot.state.mn.us/dresbachbridge/index.html>



Primary Purpose:

Performance-based Need: Bridge Condition

Investment Category:

Project Description:

This project will construct a new I-90 river bridge, which will include a reconstructed interchange that improves traffic safety, capacity and access on and between Hwy 61 and Hwy 14, as well as I-90. The project includes grading, concrete surfacing and bridge replacement. New and enhanced bicycle and pedestrian facilities will be provided along Hwy 61 and provisions for future bike/ped facilities are incorporated into the plans. Additionally, Wisconsin is funding a portion of the bridge replacement, including 100 percent of the Wisconsin approach costs.

Recent Changes and Updates

The initial estimate was considerably higher because there were higher cost contingencies built into the preliminary level cost estimate. There were four major companies bidding on this project, so the bids were very competitive. There was extensive industry outreach in advance of the project to facilitate the contracting industry input and feedback and the project was let at an optimal time of year. The project included a unique performance based construction staging and maintenance of traffic provisions to bring contractor innovation. Since the project has moved forward, there is a much better view of the risks and contingencies. The current estimate reflects the letting bid amount.

Project History:

The primary purpose of the project is to provide a new bridge on I-90 for an important regional river crossing, and to provide a reconstructed interchange that improves traffic safety, capacity and access on and between Hwy 61/Hwy 14 and I-90. The project will address identified bridge structural deficiencies, roadway operational problems, capacity needs, traffic safety concerns

Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2009

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 265.5	\$ 187.5
Other Construction Elements:	\$ 0.0	\$ 0.0
Engineering:	\$ 28.1	\$ 24.8
Right of Way:	\$ 0.0	\$ 0.5
Total:	\$ 293.6	\$ 212.8

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

Key Cost Estimate Assumptions:

Environmental impacts with the bridge and the roadway approach work are not significant. The US Fish and Wildlife Services agrees to the right of way swap.

Project Risks:

The close proximity of this bridge to Hwy 61, the railroad tracks and the Minnesota rest area make roadway and bridge geometry challenging. Numerous environmental permits will be required.

Schedule:

Environmental Approval Date: unknown
 Municipal Consent Approval Date: Not Needed
 Geometric Layout Approval Date: 12/7/2011
 Construction Limits Established Date: 06/14/2011
 Original Letting Date: 01/24/2012
 Current Letting Date: 10/19/2012
 Construction Season: 2013/2016
 Estimated Substantial Completion: 11/2017



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Revised Date: 12/15/2015