

# PROJECT SUMMARY

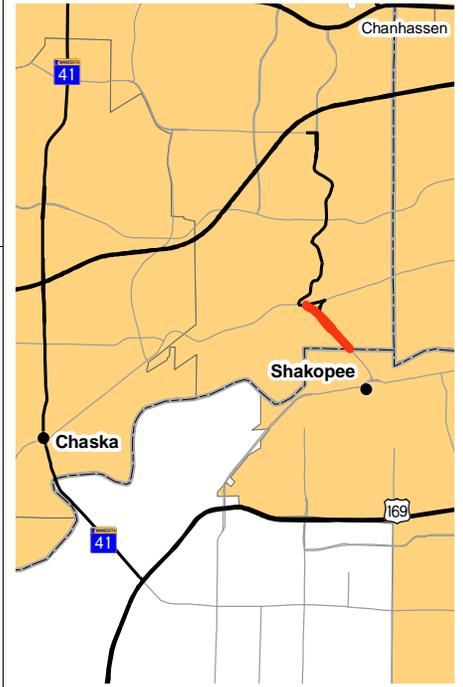
Hwy 101

Minnesota River Bridge in Shakopee to Hwy 61 in Chanhassen

Bridge 10004

State Project No. 1009-24

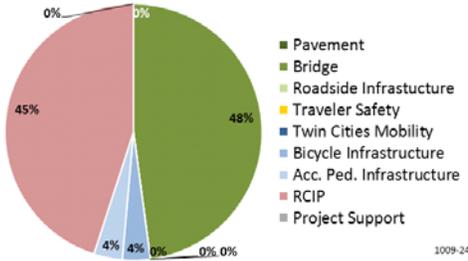
<http://www.dot.state.mn.us/metro/projects/hwy101river/index.html>



## Primary Purpose:

Performance-based Need: Bridge & Flood Mitigation

## Investment Category:



## Project Description:

Construction of a new Hwy 101 bridge over the floodplain, above the 100-yr flood elevation, between the existing Hwy 101 Minnesota River bridge in Shakopee at County Road 61/Flying Cloud Drive in Chanhassen. Carver County is the project lead, which now includes work on Flying Cloud Drive and a roundabout at the intersection of Hwy 101 and Flying Cloud Drive.

## Recent Changes and Updates

This project is substainally complete, with a ribbon cutting date of November 23, 2015. Some additional activities, such as landscaping, will happen into 2016.

## Project History:

Hwy 101 is a two-lane roadway over the Minnesota River that has closed six times in the last 12 years due to flooding. A flood mitigation study completed in Sept 2011 determined a "lower cost" project to allow an additional river crossing over the Minnesota River to be open during flooding. Hwy 101 was selected as the option to move forward from the study. A four-lane section was developed after the study for Hwy 101. The project includes a roundabout at Hwy 101 and Flying Cloud Drive and additional widening along Flying Cloud Drive to the intersection of Bluff Creek Drive. In 2013, the overall project costs increase from the Baseline Estimate due to additional scope added to the project in the area of the Flying Cloud Drive/Hwy 101/Bluff Creek Drive.

## Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2012

|                              | <u>Baseline Est.</u> | <u>Current Est.</u> |
|------------------------------|----------------------|---------------------|
| Construction Letting:        | \$ 42.0              | \$ 49.3             |
| Other Construction Elements: | \$ 0.0               | \$ 0.0              |
| Engineering:                 | \$ 4.2               | \$ 4.2              |
| Right of Way:                | \$ 0.0               | \$ 0.0              |
| <b>Total:</b>                | <b>\$ 46.2</b>       | <b>\$ 53.5</b>      |

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

## Key Cost Estimate Assumptions:

State Aid standards and Project delivery process. 4,100-ft long bridge with a 10-ft trail on bridge. Hwy 101 to stay open to traffic during construction.

## Project Risks:

Very poor soils and possibly artesian conditions are found all over the project area. Deep muck and poor soils have resulted in a design that includes pile supported embankment, a longer bridge and muck excavation. Archeological site was discovered in the area of Flying Cloud Drive and Bluff Creek Drive.

## Schedule:

Environmental Approval Date: 09/04/2013  
 Municipal Consent Approval Date: Not Needed  
 Geometric Layout Approval Date: Summer 2013  
 Construction Limits Established Date: Need Unknown  
 Original Letting Date: 05/16/2014  
 Current Letting Date: 05/16/2014  
 Construction Season: 2014/2015  
 Estimated Substantial Completion: 11/23/2015



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**Revised Date:** 12/15/2015