

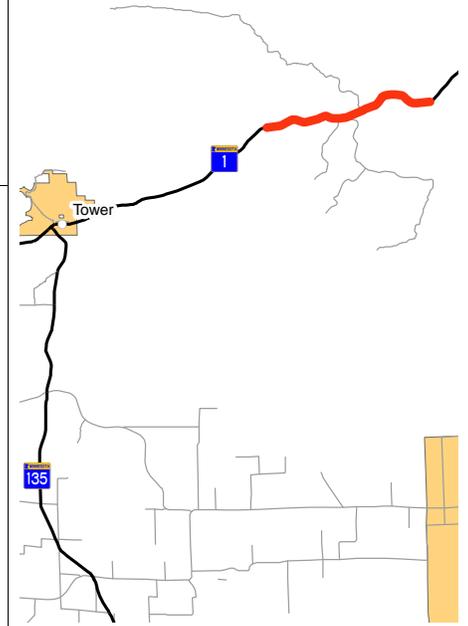
# PROJECT SUMMARY

Hwy 1

Six Mile Lake Road to Bradach Road in St. Louis County

State Project No. 6904-46

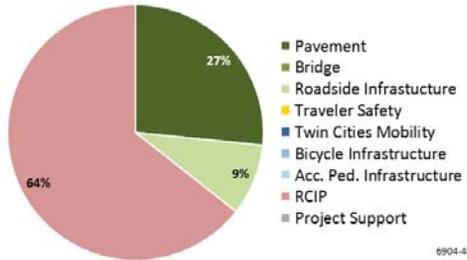
<http://www.dot.state.mn.us/d1/projects/Hwy169eagles>



### Primary Purpose:

Regional & community improvement priority

### Investment Category:



### Project Description:

Reconstruction of Six Mile Lake Road to Bradach Road in the Eagles Nest Lake Area.

### Recent Changes and Updates

Awaiting analysis/documentation from Federal Highway Administration and from the US Fish and Wildlife Service regarding the threatened species of the Northern Long-Eared Bat. Also, rock exploration is currently underway to further evaluate the sulfide potential in the proposed rock excavation. This work is being completed in an effort to reduce the amount of risk encountered during construction. Project design is continuing and on schedule for delivery in July 2016.

### Project History:

Because of concerns with Hwy 169 between Virginia and Winton, a task force formed.

The Hwy 1/169 segment from Six Mile Lake Road to Clear Lake was recommended by the task force as a priority for reconstruction. \$18.4 million in federal funds is provided in SAFETEA-LU for highway improvements. Ultimately, it was decided that less money would be spent in the Thirteen Hills Area and more would be spent in the Eagles Nest Area.

In May 2013 the letting date was changed to July 2016.

### Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2007

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 10.5	\$ 18.7
Other Construction Elements:	\$ 0.5	\$ 1.4
Engineering:	\$ 2.2	\$ 5.0
Right of Way:	\$ 1.2	\$ 1.2
<b>Total:</b>	<b>\$ 14.4</b>	<b>\$ 25.2</b>

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

### Key Cost Estimate Assumptions:

The baseline estimate was based on the premise that equal amounts of money would be spent in two priority areas-the Eagles Nest Lake Area and the Thirteen Hills Area. The current construction letting estimate is based on the total amount of FHWA High Priority Project funds available for this project after constructing the Thirteen Hills Area project and after letting a project to clear the trees in advance of this project. A separate tree clearing contract is needed in order to protect the Northern Long Eared Bat.

### Project Risks:

Private property impacts include: environmental concerns surrounding the Northern Long Eared Bat habitat, wetlands and potential acid drainage runoff associated with sulfides in the rock. Other impacts include the use of Federal High Priority Project funds, and the relatively low traffic volume coupled with high construction costs.

### Schedule:

Environmental Approval Date: Pending Approval  
 Municipal Consent Approval Date: Not Needed  
 Geometric Layout Approval Date: Pending Approval  
 Construction Limits Established Date: 06/1/2015  
 Original Letting Date: 12/17/2010  
 Current Letting Date: 07/22/2016  
 Construction Season: 2016/2017  
 Estimated Substantial Completion: Fall 2017



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**District Engineer:** Duane Hill  
**Project Manager:** Michael Kalnbach

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