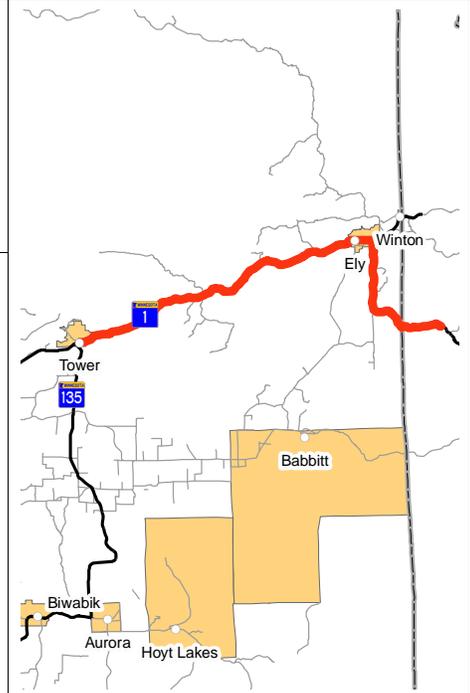


# PROJECT SUMMARY

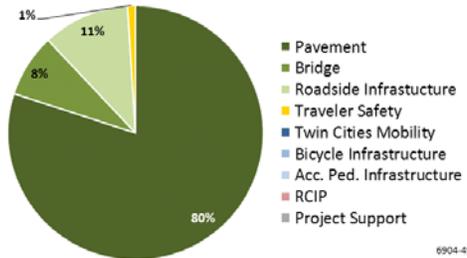
Hwy 1  
Tower to Ely  
Bridge 69X14  
State Project No. 6904-49  
**Substantially Complete**



## Primary Purpose:

Performance-based Need: Pavement condition

## Investment Category:



## Project Description:

Pavement resurfacing for 26 miles of Hwy 1 located in three separate segments:

- 1) Tower to Six Mile Lake Road
- 2) Bradach Road to Ely
- 3) Ely to Halfway Road

## Recent Changes and Updates

The project was substantially complete in July of 2014.

## Project History:

This two-lane roadway has deteriorating pavement resulting in a rough ride, high maintenance costs and reduced load carrying capacity. Previous pavement repairs included bituminous overlays in 1989 and 1992 and spot repairs in 2001. The project construction started in 2013. The final bituminous pavement was completed in the summer of 2014 on the segment west of Ely as well as all work south of Ely.

## 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:	\$ 9.3	\$ 7.1
Other Construction Elements:	\$ 0.5	\$ 0.2
Engineering:	\$ 2.0	\$ 0.6
Right of Way:	\$ 0.0	\$ 0.0
<b>Total:</b>	<b>\$ 11.8</b>	<b>\$ 7.9</b>

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

## Key Cost Estimate Assumptions:

The project was let in June of 2013. The current estimate is based on actual costs to date. The hydraulic needs were less than originally anticipated and the bituminous bid prices were much lower than anticipated.

## Project Risks:

The project is complete. There are no remaining risks.

## Schedule:

Environmental Approval Date: 04/23/2013  
Municipal Consent Approval Date: Not Needed  
Geometric Layout Approval Date: Not Needed  
Construction Limits Established Date: Not Needed  
Original Letting Date: 03/22/2013  
Current Letting Date: 06/07/2013  
Construction Season: 2013/2014  
Estimated Substantial Completion: Summer 2014



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

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