



U.S. Department  
of Transportation  
**Federal Highway  
Administration**



# Glenn Highway Rehabilitation Project MP 66.5-92

## Kings River Bridge to Cascade

# Welcome

## 6-8PM - Public Open House

Project team members are available to answer questions.

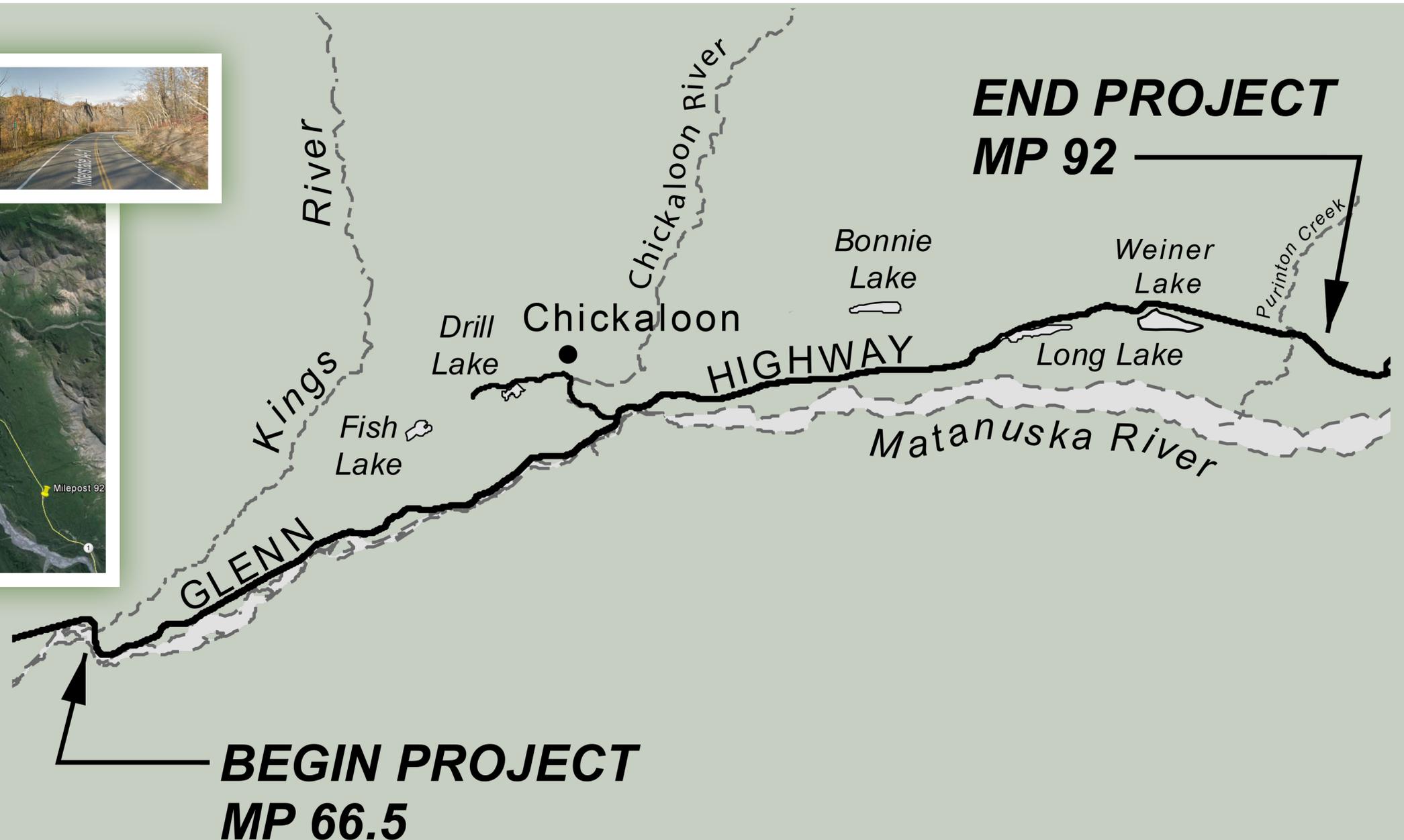
## 7PM - Presentation

**Meeting Purpose:** to share information about the preliminary design and review of the project area's 1993 Environmental Assessment, and to collect feedback on design considerations.

# Glenn Highway Rehabilitation Project MP 66.5-92

## Kings River Bridge to Cascade

# Project Area



# Glenn Highway Rehabilitation Project MP 66.5-92

## Kings River Bridge to Cascade

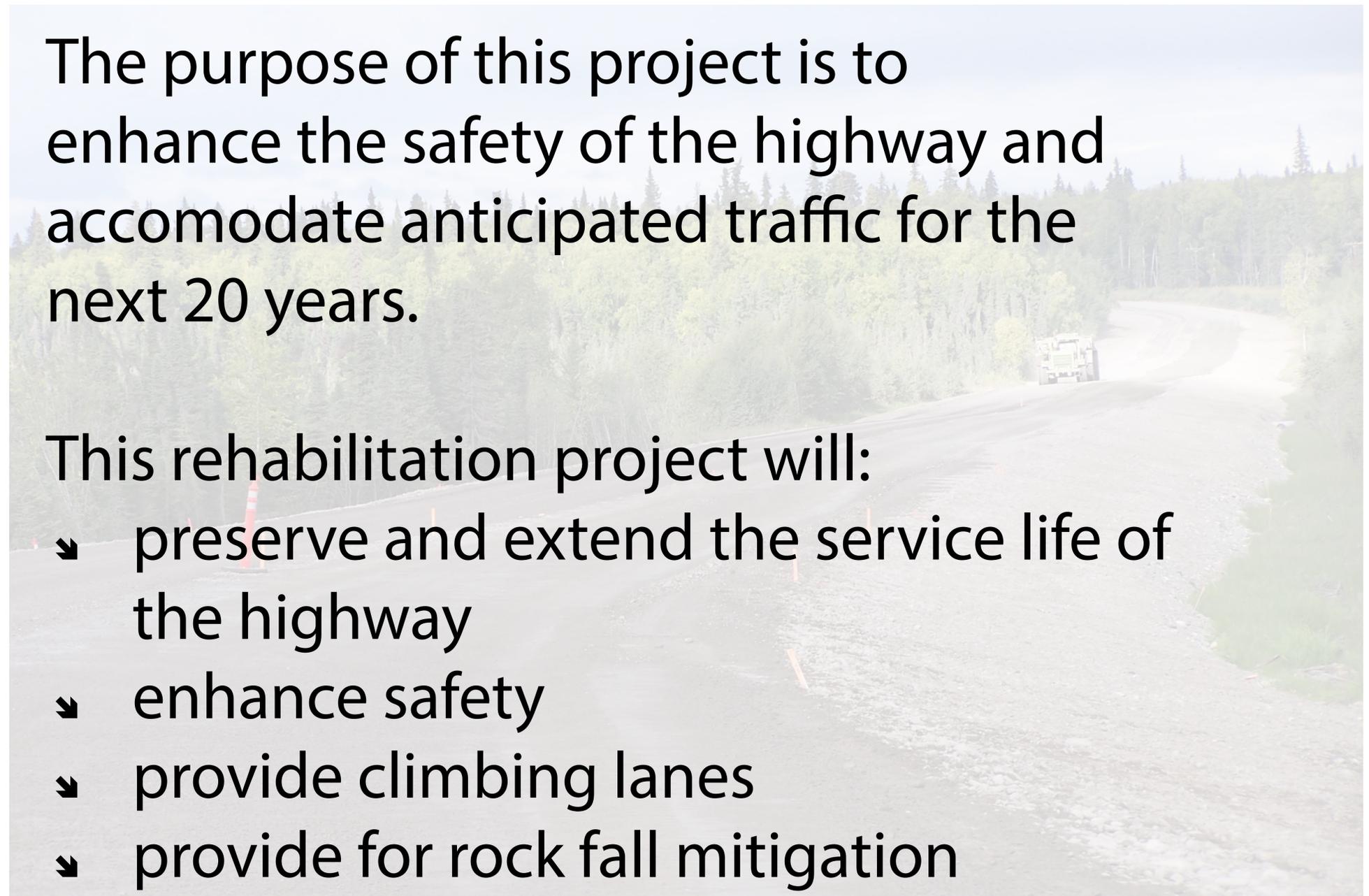
# Purpose and Need

Originally constructed as a military supply route during WWII, the Glenn Highway serves as a major transportation corridor in Alaska. Population growth and an increase in traffic have led to a need for roadway rehabilitation.

The purpose of this project is to enhance the safety of the highway and accommodate anticipated traffic for the next 20 years.

This rehabilitation project will:

- preserve and extend the service life of the highway
- enhance safety
- provide climbing lanes
- provide for rock fall mitigation



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## Project Schedule



### MP 66.5-92 CORRIDOR PROJECT

Environmental review & preliminary design

Design & right-of-way acquisition (as needed)

Final design and construction date\*

### CHICKALOON BRIDGE

Design & environmental review

Construction\*

\* Dependent on future funding

● We are here!

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### Environmental Review:

#### National Environmental Policy Act (NEPA)

- 1993 - an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) for Glenn Highway MP 35-109 were approved
- 1993 thru 2014 - four NEPA Re-evaluations\*\* were completed for phased improvements to the Glenn Highway, including near the Palmer and Sutton areas, Pinochle Hill, Hicks Creek and Caribou Creek
- 2014 - NEPA Re-evaluations for the replacement of the Chickaloon Bridge and Glenn Highway between Kings River Bridge (MP 66.5) and Cascade

*\*\* A NEPA Re-evaluation, often used in large multi-phased construction projects that occur over a number of years, examines potential changes in environmental impacts that may have occurred in a project area previously reviewed under NEPA.*

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## Next Steps // MP 66.5-92 Corridor

- Design project to 30%
- Finalize NEPA Re-evaluation
- Based on funding availability:
  - » Determine design and construction phasing
  - » Design project to 70%
  - » Determine right-of-way needs based on the 70% design
  - » Complete design for individual phases
  - » Construct phases

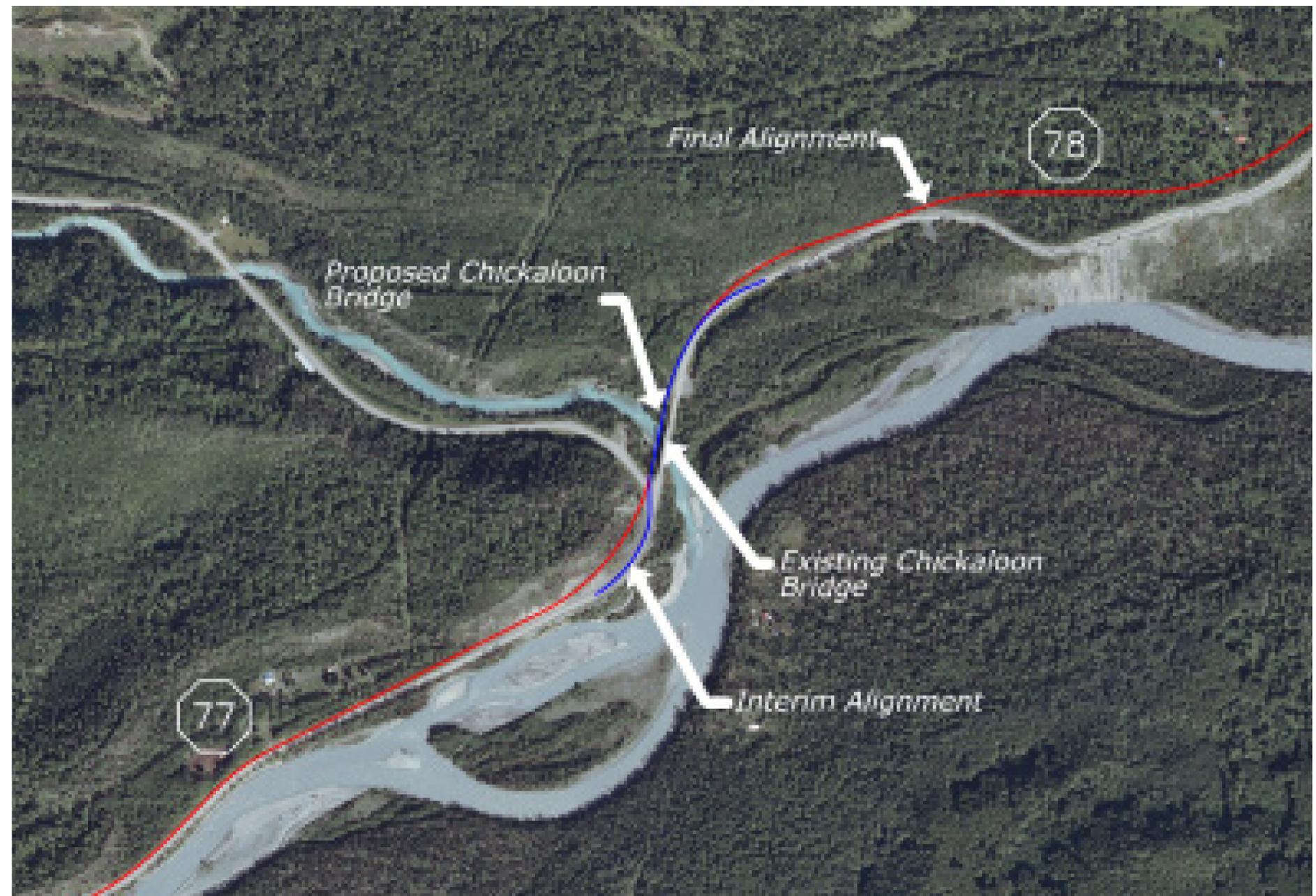
# Glenn Highway Rehabilitation Project MP 66.5-92 Kings River Bridge to Cascade

## Chickaloon Bridge

The Chickaloon Bridge is a priority due to low structural ratings of the deck and railing.

Repair costs for the bridge are high, and the lifespan of the repairs would be limited.

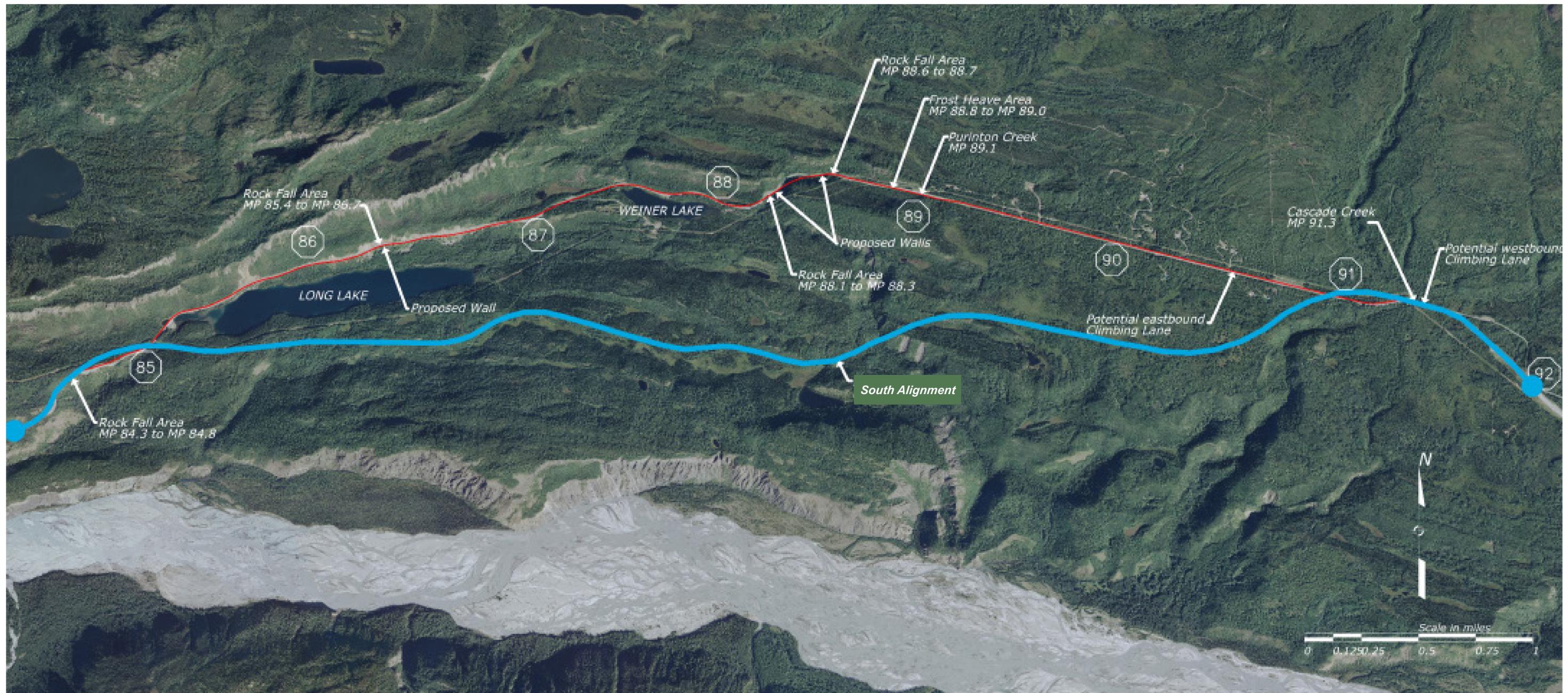
Replacing the bridge now will cost less in total than repairing the bridge and then replacing it in the near future.



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## Kings River Bridge to Cascade

# Long Lake Alignments



# Glenn Highway Rehabilitation Project MP 66.5-92

## Kings River Bridge to Cascade

# Long Lake Alignments

	Existing Alignment	South Alignment
<b>Geometry / Design</b>		
Horizontal Curves	Areas with reduced speed, 45 mph	Design speed of 60 mph
Vertical Grade	7 % max grades	5.75 % max grades
<b>Structures</b>		
Walls	6,700 linear feet of walls	none
Bridges	30 foot single-span	1,000 foot long multi-span
Traffic delays during construction	Traffic delays will occur, will maintain one lane of traffic	Minimal delays, limited to areas where traffic ties in to original corridor
Cost (excludes ROW)	\$ 40 million	\$ 85 million
<b>Impacts</b>		
Wetlands	Approx. 1.7 acres of impact	Approx. 9.3 acres of impact

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# Comments

Thank you for your input. Your comments will be considered by the project team as they progress with the design of the project.

Email comments to:  
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