

Chena Hot Springs Road - Milepost 20 Jenny M Creek Bridge Replacement **FY2017 Request: \$5,000,000**
Reference No: 61030

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Fox (Eielson/Denali/Upper Yukon/Border)

House District: Eielson/Denali/Upper Yukon/Border (HD 6)

Impact House District: Eielson/Denali/Upper Yukon/Border (HD 6)

Contact: Mike Vigue

Estimated Project Dates: 07/01/2016 - 06/30/2021

Contact Phone: (907)465-4070

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Replace the Jenny M Creek bridge #312 on Chena Hot Springs Road at MP 20.

Funding:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

☒ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ On-Going
 9% = Minimum State Match % Required
 ☐ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

The Jenny M Creek Bridge located at MP 20 Chena Hot Springs Road is the top priority for replacement on the Non-National Highway System (NHS) list of bridges in the State. The bridge is structurally deficient due to the substructure, specifically the abutments, being in poor condition. The slopes at the ends of the bridge have been moving towards the stream and pushing on the lower portions of the abutments. The slope movement and resulting pressure on the abutments has resulted in significant damage to the west end of the bridge in particular. The damage includes large cracks in the abutment cap beam, several of the bearing anchor bolts connecting the girders to the abutments have sheared off, the girder ends are digging into the reinforced concrete abutment back wall, and the approach and transition railings are undermined and misaligned.