

Mat-Su Area Repairs Group B – Nov 2018 EQ PR Project No. CFHWY00706/0092012

Project Overview

The program to repair damage from the November 30, 2018, magnitude 7.1 earthquake is funded by Federal Highway Administration and state funds. Long-term repairs to damaged infrastructure are intended to restore sites to pre-earthquake conditions. The environmental document for this project was signed in spring 2022. Construction is anticipated to begin in 2024. The project cost is estimated between \$1.5M and \$3.5M.

Site 041: Knik-Goose Bay Road MP 14.7

This segment of Knik-Goose Bay (KGB) Road sustained road embankment and culvert damage. Interim pavement repairs are planned for summer 2022 as part of project CFHWY00612: Glenn Hwy MP 40-68 – Nov 2018 EQ PR. This follow-on permanent repair project will replace the culvert at Soldier Creek, including rebuilding the road embankment, repaving, and replacing guardrail as needed. The proposed work may require constructing a detour route.

Site 070: Glenn Highway MP 42.6 (near Eagle Avenue)

The existing retaining wall sustained cracking and bulging during the earthquake. Damages to the pavement section on the shoulder of the roadway were addressed in an emergency repair project in the fall of 2019. This project proposes to stabilize the wall by placing structural fill on and around it – essentially flattening the embankment slope and burying the existing wall.

Site 102: Woodworth Loop Rd

South Woodworth Loop Road sustained shoulder subsidence along approximately 250-ft of pavement in the southbound lane. The project will repair the embankment, repave the road, replace guardrail, and re-establish a ditch adjacent to the northbound lane to prevent future stormwater flows from undermining the embankment.

Please visit our website for more information and updates: <http://www.ak2018earthquake.com/>

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Knik-Goose Bay Road MP 14.7



Glenn Highway MP 42.6



Woodworth Loop Rd