

Progress on DOT&PF Recovery from 2020 Storm

DOT&PF Regionwide Program

Program Status	
Number of Projects	Estimated Construction Budget
19	\$34 M
FHWA Projects	FEMA Projects
9	10
Total Permenant Repair Projects	Total Emergency Repair Projects
145	28

On November 30, 2020, a week of record rainfall started in Southeast Alaska that led to widespread flooding and landslides.

By the end of the storm, Alaska Department of Transportation and Public Facilities (DOT&PF) roads in Juneau, Haines, Skagway, Hoonah, and Petersburg had sustained damage at 160 locations.





After the storm subsided, DOT&PF conducted emergency repairs on numerous sites that sustained roadway damage, washed out culverts, filled drainage ditches, and landslides. DOT&PF continues to monitor sites and perform emergency repairs as needed.

DOT&PF is delivering permanent repairs to damage sites in the 5 communities. Many of the damaged sites are eligible for Federal Highway Administration (FHWA) Emergency Relief funding and Federal Emergency Management Agency (FEMA) Public Assistance. Funding for each federal agency is based

Damage sites are grouped into projects for permanent repair. Total permanent repair costs are expected to exceed \$34 million across the region.

DOT&PF Juneau Projects



Juneau has 25 DOT&PF locations needing repair spread across the city and borough. These will be grouped into emergency repair projects and permanent repair projects for design and construction.

DOT&PF is developing designs for permanent repairs that will return storm-damaged DOT&PF roads in Juneau to their previous condition.

Current work includes:

- Grouping damage sites for permanent repair according to location, type of damage, or complexity of repair;
- Conducting geotechnical and other site investigations to determine repair needs;
- Assessing site eligibility for FEMA and FHWA disaster funding reimbursement; and
- · Designing repair plans.

Permanent repair construction on Juneau sites is expected in 2022 and 2023.

- Design on the Thane Road site is ongoing, with final design expected in early 2022 and construction slated for summer 2022. A deep patch design has been selected, and it does not require a retaining wall or extensive road reconfiguration.
- Repairs on the damage site on North Douglas Highway near Bonnie Brae are in design. Construction is scheduled for fall 2022.
- Multiple culvert repairs on Glacier Highway using FHWA funds will be designed in late 2022 with construction expected in 2023.
- Design is beginning on several FEMA-funded permanent roadway, catchment basin, and culvert repairs with construction expected in 2023.
 There are several damaged culverts on Old Glacier Highway behind Fred Meyer, along Channel Vista Drive, and on North Douglas Highway.

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