



# Municipality of Skagway

GATEWAY TO THE KLONDIKE

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## FY24 CAPITAL PROJECT *CPV FUNDING REQUEST*

### ROCKSLIDE MITIGATION

The Rockslide Mitigation project proposes to mitigate the slope-failure risks at the Municipal property above the northern end of Skagway's primary cruise ship berth. The State of Alaska's BRIC grant application includes this project as a sub-application.

Although rockfall at the project location has been a chronic natural hazard stressor for the community, rockslide activity within this area has increased at an alarming rate, threatening the safety of the public, infrastructure, and residents' livelihoods, including those in our community already facing an economic disadvantage.

To address the risks expected from slope failure at the project location, the Municipality of Skagway is proposing the implementation of a mitigation project that includes:

- Excavating the unstable rock mass at the top of the slope, which will be accomplished with conventional earthmoving equipment and drill and blast techniques.
- Replacement of the existing catchment area at the toe of the slope, with a new expanded catchment area. From here, the debris will be excavated and disposed of at an offsite location.
- Stabilize the rock mass in the head scarp of the excavation and add additional rockfall protection to the resulting slope. Rockfall protection will include the installation of draped mesh and attenuators on the slope as well as barriers and fencing on the dock.
- Replacement of the existing monitoring system at the North Slide, which is expected to be damaged as part of the implementation of the proposed mitigation activities.

The estimated timeline for this project is design in 2023-2024 and construction in 2024-2025.

- Total Project Cost: \$ 28,384,125
- Funding Already Secured: \$ 0
- Project Deficit: \$ 28,384,125
  
- ✓ **FY24 Funding Request** \$ **1,100,000 (Phase I design)**

#### Contact Information:

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