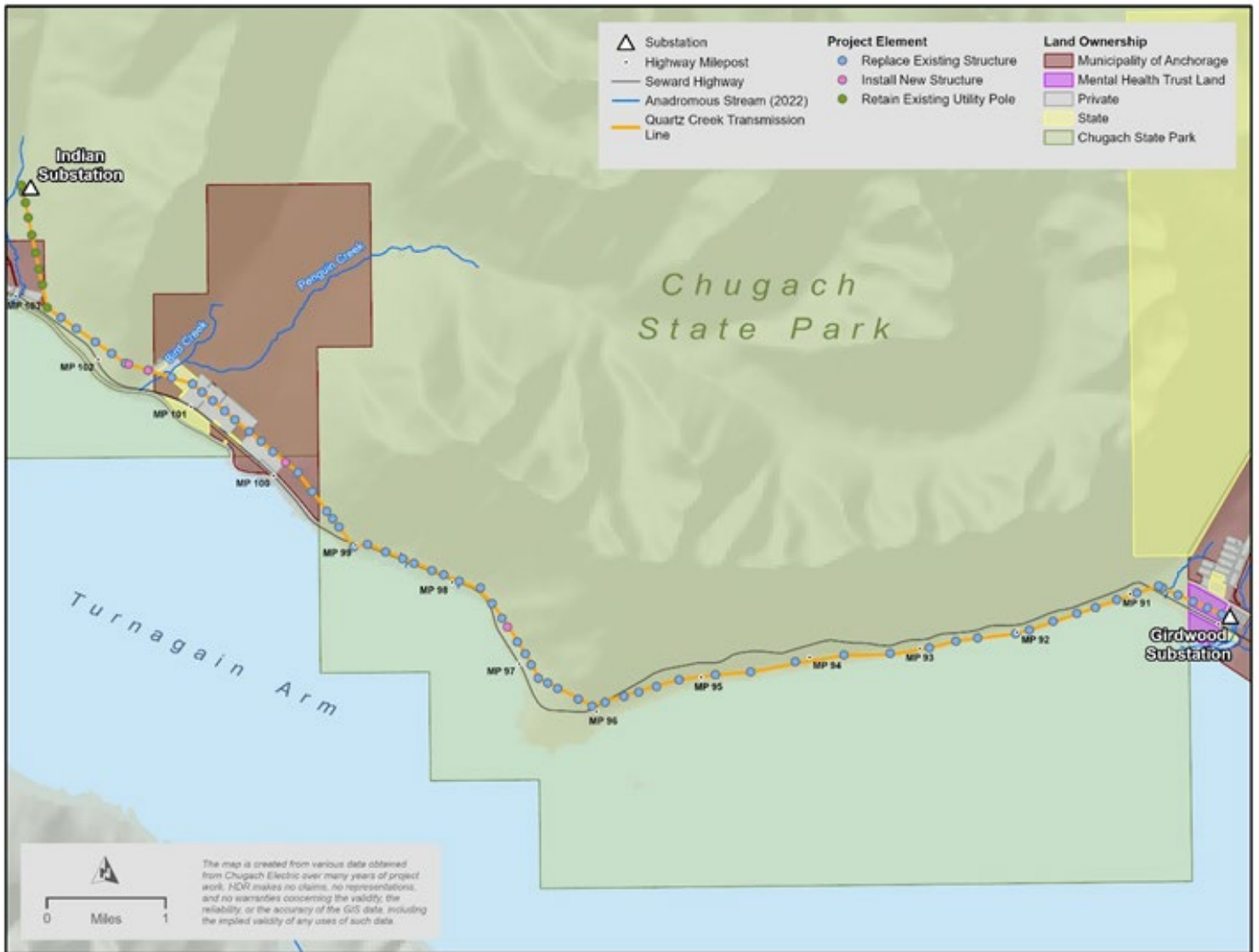


# Girdwood to Indian Transmission Rebuild Project

## Project Fact Sheet

**Chugach Electric Association (Chugach) is rebuilding the transmission line segment between the Girdwood and Indian substations as part of the Quartz Creek Transmission Line Reconstruction.**

- The GWID Project will involve installing new support structures (e.g., utility poles or towers), removing the old structures between the Girdwood and Indian substations, and will include the addition of a fiber optic line for grid modernization.
- The new transmission line will generally follow the right-of-way (ROW) centerline. In most cases, each new structure will be located near the existing structure to be removed, except where current design standards require a location change due to siting constraints (e.g., to avoid avalanche-prone areas). New utility structures will increase in average height of 25 ft and 3 ft in width.
- Chugach must clear overgrown vegetation to reestablish access routes to the ROW and clear within the ROW to maintain adequate clearance between vegetation and the energized transmission line.
- Plans include the start of vegetation clearing in February 2023; begin construction shortly thereafter; and complete construction in 2024. Most clearing and construction will occur during winter conditions when the ground is frozen.
- Chugach will work with the Alaska Department of Transportation and Public Facilities to minimize disruptions to traffic flow on the Seward Highway throughout the project.
- Necessary permits and authorizations will be obtained from federal, state, and municipal agencies.
- The Quartz Creek Transmission Line runs from the Cooper Lake Substation near Kenai Lake to the Anchorage. It was originally constructed in 1962, more than 60 years ago, to carry power from the Cooper Lake Hydroelectric Powerplant to Anchorage.
- The Quartz Creek Transmission Line also carries electricity generated by the Bradley Lake Hydroelectric Facility, which is Alaska's largest source of carbon-free renewable power.
- The Quartz Creek Transmission Line serves Anchorage and local distribution substations at Indian, Dave's Creek, Summit Lake, Hope, Portage, Girdwood, and Indian. It also interconnects with the power grid for Seward, Kenai/Soldotna, and Homer.
- Since 2004, Chugach has replaced six segments (nearly 40 miles) of the Quartz Creek transmission line between Ingram Creek and Summit Creek.
- Inspections conducted have confirmed that many structures along the Quartz Creek Transmission Line need to be replaced to maintain the transmission line's asset life and reliability.



## Project Area Map



A project website is available at

[www.girdwoodtoindianrebuild.com](http://www.girdwoodtoindianrebuild.com)



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