

Project at a Glance

What exactly is going on?

What is happening?

- Stabilizing the slope (micropiles, soil nails, concrete grouting + drainage)
- Replacing the watermain in the work area
- Rebuilding and repaving the road
- Focused work area: ~180 m of Genoa Bay Road

Project overview

- Budget: Construction \$2,700,000 + Engineering - \$300,000
(*Gas Tax Funding \$1,300,000*)
- Local access maintained with traffic control with potential delays and occasional road closure

Location of slope destabilization



Background

What happened?

Ongoing Erosion and undermining of Road Embankment

- The road built on a narrow hillside terrace with a steep slope is prone to ongoing erosion
- A 2021 atmospheric river accelerated settlement and slope failure
- The road pavement experienced settlement, cracking, and shoulder loss
- Since then, traffic has operated as single-lane alternating

Our Goals

- Reconstruct as a local road, 30 km/h posted maximum speed limit
- Maintain access to ~20 homes and the marina / cafe
- Restore adequate width for two-way travel
- Roadside slope stabilization to improve long-term slope performance



Design Overview

What's being built?

Figure 3 – Soil Nail Detail

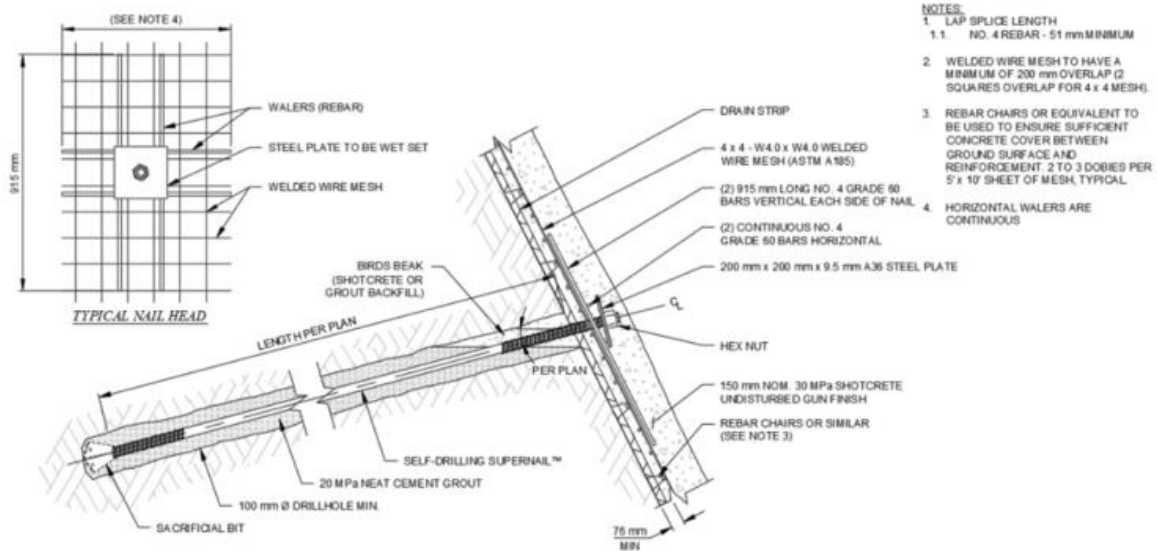
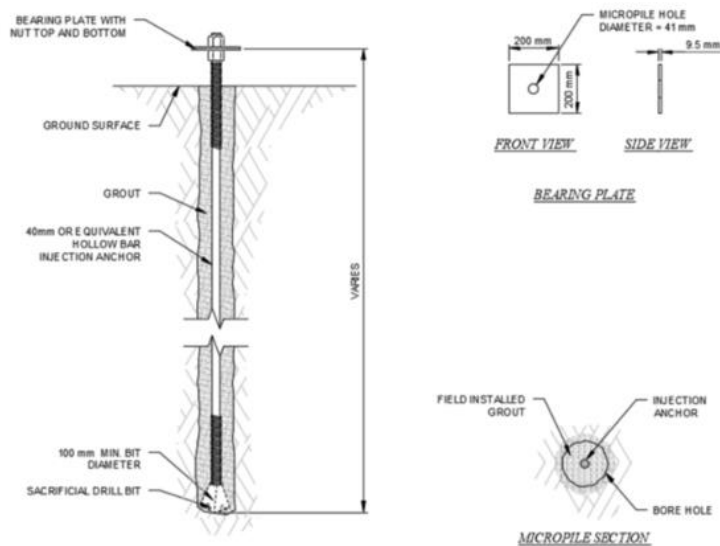


Figure 4 – Micropile Detail

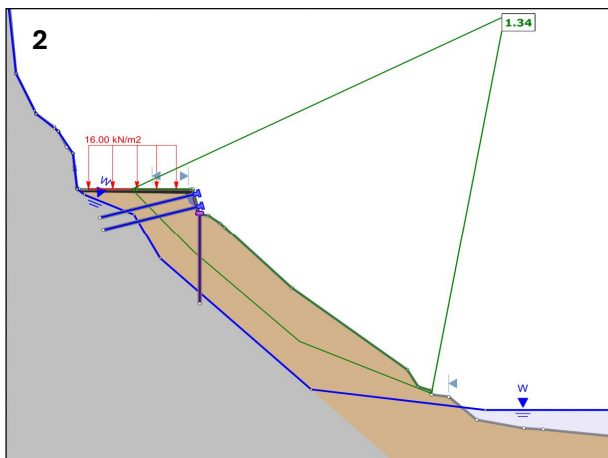


Slope Stabilization

How does it work?

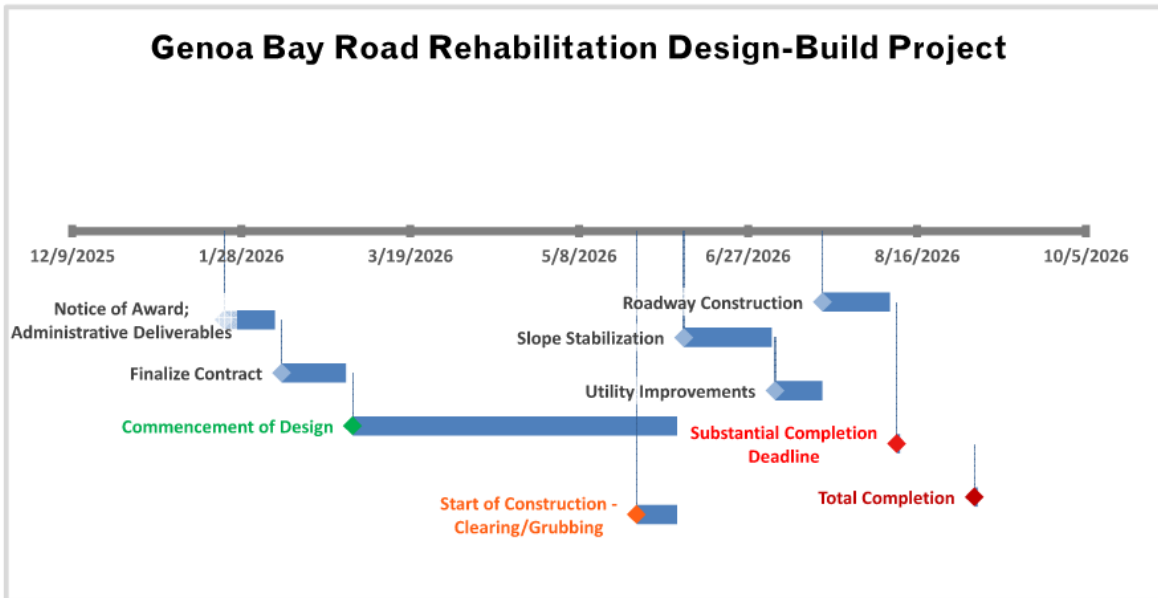


1. Equipment installing soil nails into slope
2. Cross section showing soil nails and micro piles
3. Mesh installed on slope face
4. Bars secured and trimmed
5. Installation of shotcrete on slope face



Timeline

How long will this take?



Schedule

- Construction underway: Spring 2026
- Target Substantial Performance: **End of August, 2026**
- Final completion shortly after

What Residents Can Expect

- Local access maintained
- Short-duration interruptions when tying in utilities
- Advance notice provided before any service disruptions



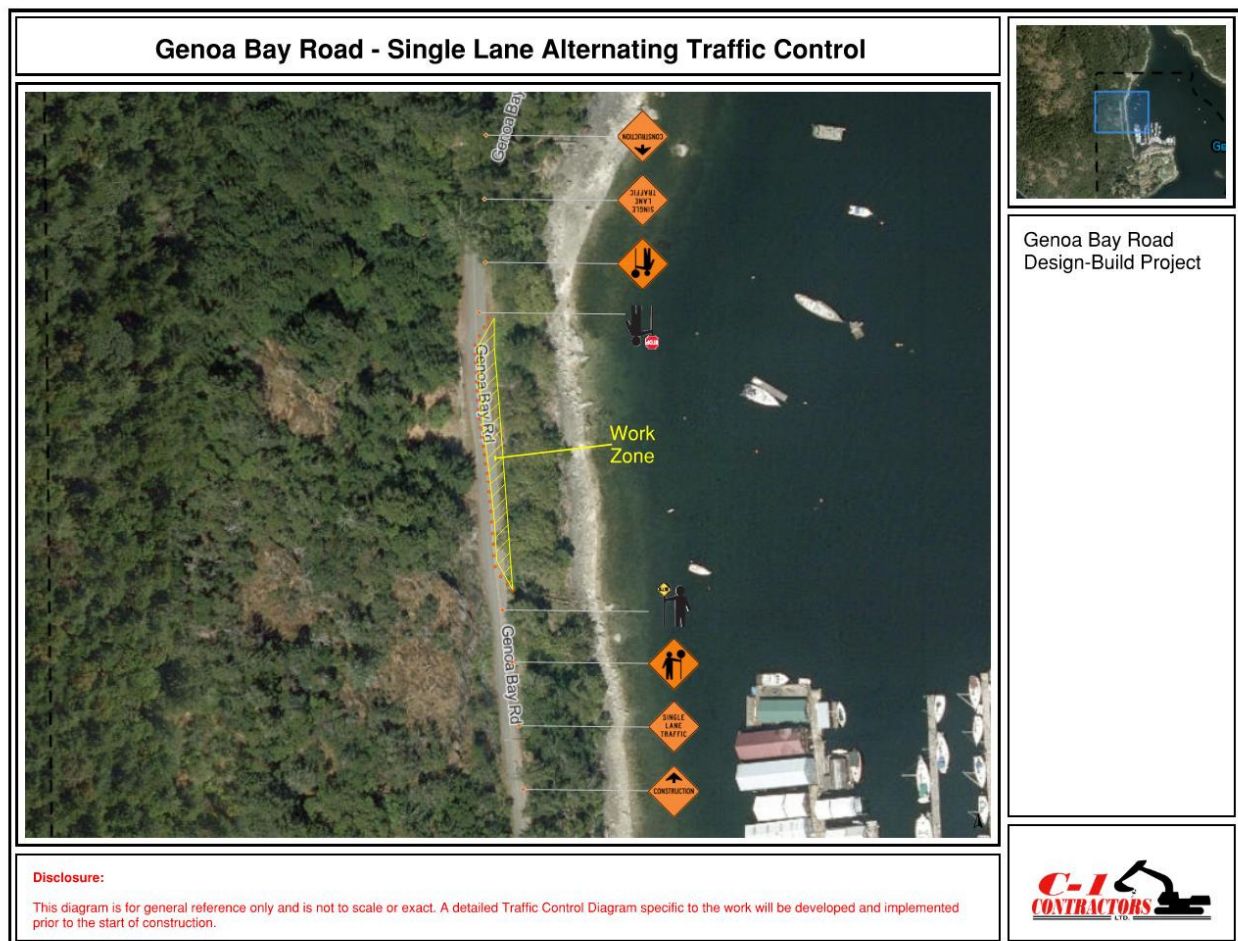
Traffic Management & Access

Work Hours

- 7:00 AM – 8:00 PM
- Monday to Saturday

What to Expect

- Occasional **full road** closures
- **Single-lane alternating traffic** through the work zone
- Short delays during active construction
- Traffic control personnel on site during work hours
- Advance notice provided by the contractor



Village Impacts

Tree Removal

- Tree removal required within the work area
- Clearing is necessary for slope stabilization and safe construction access



Find out more

Approximate Tree Clearing Zone





Meet the Team

Municipal Team:



McElhanney

Design-Build Contractors:

