

Alaska Department of Transportation & Public Facilities

Whitshed Road and Pedestrian Improvements

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Our mission is to *Keep Alaska Moving* through service and infrastructure.



Whitshed Road and Pedestrian Improvements

Scope: Provide pedestrian accommodations along Whitshed Road between the Copper River Highway and Orca Inlet Drive intersections

Purpose: Improve safety by providing accommodations for non-motorized traffic along the 0.8 mile corridor

Need: The project is needed because Point Whitshed Road is narrow and has no dedicated shoulders. The lack of shoulders causes non-motorized users to share the 11-foot vehicle lanes or trek off the paved roadway.

Project Corridor



Background Information

How was this project created?

The City of Cordova and Native Village of Eyak sponsored and submitted a nomination packet to the State supporting design and construction of this project.



The Native Village of
EYAK



City of Cordova
A L A S K A

Existing Whitshed Road Corridor

- The only road in and out of the area
- Narrow Right-of-Way
- High seasonal bicycle and pedestrian use
- Multiple utilities exist beneath the road surface
- Drainage improvements are needed:
 - Ditches need to be established and/or regrade ditches
 - Culverts are undersized and some are failing



Looking west on Whitshed Road away from Cordova city center. Narrow roadway lanes, no shoulders or pedestrian facilities, steep mountain face on the left, steep drop to the ocean on the right.



Background Information

I heard this was a CMGC project. What does that mean?

A “Construction Manager General Contractor” (CMGC) project is where you hire a construction contractor (Granite Construction Company) during development of the design.

How much is the project going to cost? The project’s construction budget/limit is set at \$9 million

Project Challenges

- The narrow right-of-way combined with the exceptionally steep rock topography just beyond the paved road surface limits the physical room to fit new pedestrian accommodations
- No alternate access routes to detour traffic during construction activities
- How to construct the final design



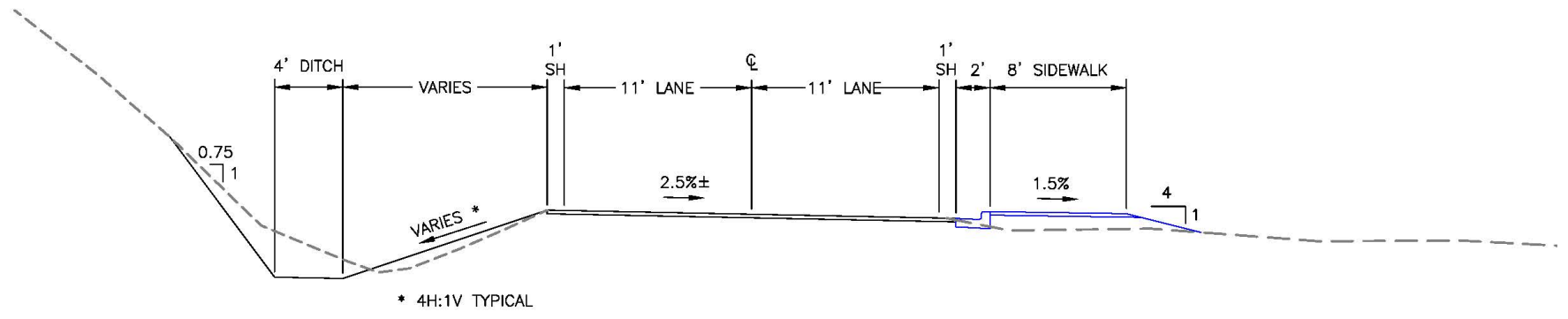
Proposed Project Improvements

- Pedestrian/Bicycle Path
- Clear Zone
- Rock slope stability
- Drainage





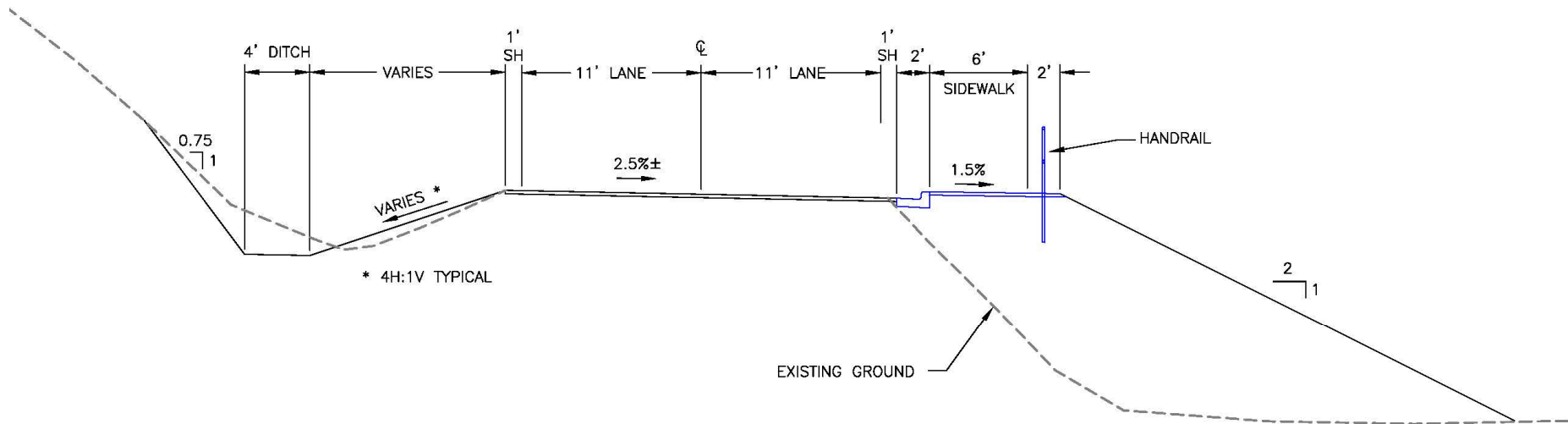
Typical Section 1



TYPICAL SECTION 1



Typical Section 2



TYPICAL SECTION 2



Current Schedule

Milestones	2022				2023				2024				2025			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Preliminary Design	■															
Final Design				■	■											
Right-of-Way	■				■											
Construction									■							

Right-of-Way

- History of Existing Right-of-Way
- Project Right-of-Way needs:
 - ROW Acquisitions
 - TCEs
 - TCPs
- Right-of-Way process





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Questions?