



City Manager
334 Front Street
Ketchikan, AK. 99901

Phone (907) 228-5603
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TRANSMITTAL MEMORANDUM

TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, City Manager

DATE: January 13, 2021

RE: **Slope Stabilization Projects – Alaska Department of Transportation and Public Facilities**

At the City Council meeting of December 7, 2020, Councilmembers expressed concerns regarding rock cut slope conditions along the Tongass Highway. Attached for City Council review is a memorandum from Acting Port & Harbors Director Mark Hilson regarding this issue. Mr. Hilson will attend the City Council meeting of January 21, 2021, in order to address any questions and/or concerns that Councilmembers may have.

MEMORANDUM

TO: Karl Amylon, City Manager
CC: Lacey Simpson, Assistant City Manager
FROM: Mark Hilson, P.E., Acting Port & Harbors Director
DATE: January 12, 2021
SUBJECT: **Slope Stabilization Project – Alaska Department of Transportation & Public Facilities**

At a recent City Council meeting, concerns were expressed about the rock cut slope condition along North Tongass Highway across from Wolf Point. There have been reports of the rock slope in this area sloughing off and landing out to the fog line of the road. If you looked at the area at the time of writing this memo, there is rock debris in the ditch line of the road. The Alaska Department of Transportation and Public Facilities (ADOT&PF) is aware of the need for rock stabilization and designed a stabilization project for this area as well as two other areas, along the State Highway in Ketchikan (one on Shoreline Drive, and one in the Borough South of town). It is my understanding that the design called for clearing, scaling, and benching of the slope along Tongass Highway near Wolf Point. In order to build the project as designed, the ADOT&PF would have to acquire right-of-way from a private property owner. Unfortunately, ADOT&PF and the property owner were not able to reach agreement on what constitutes just compensation. As a result, the Wolf Point stabilization project was removed from the design in order to allow the other two parts of that project to move ahead with construction, which is anticipated this year. Based on discussions with ADOT&PF staff it is our belief that ADOT&PF intends to re-establish funding for this project and work through the right of way acquisition process. ADOT&PF was not able to provide a schedule to complete the work.

City of Ketchikan



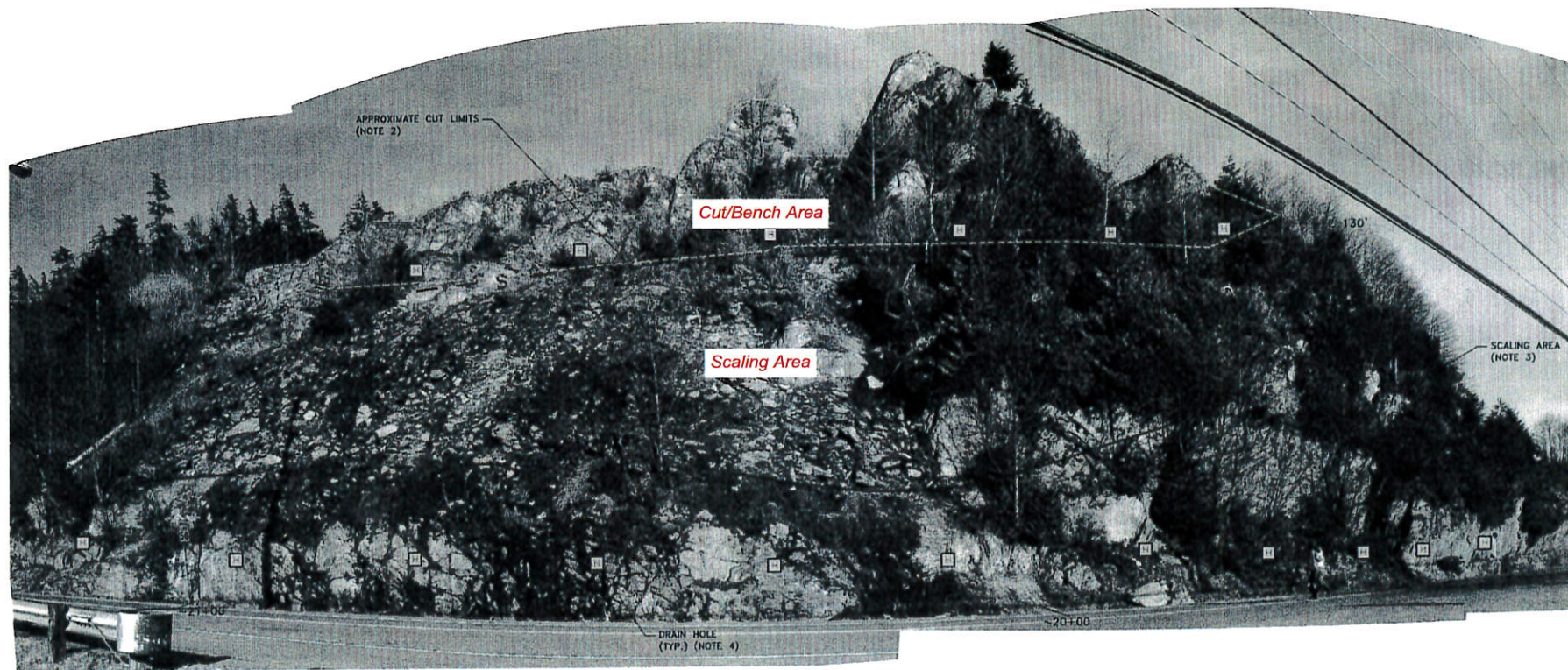
0 75 150 300 450 Feet

1 in = 150 ft

For informational purposes only, not a legal document
Reference use only, not a substitute for field survey.

Date: Monday, December 28, 2020

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0003189/Z686570000	2019	E2	39



NOTES:

1. STATIONING SHOWN IS APPROXIMATE.
2. CUT LIMITS SHOWN ON SHEET F2. SCALING IS ANTICIPATED ON THE NEW CUT SLOPE AND NATURAL SLOPES NORTH AND SOUTH OF THE CUT, AS DIRECTED BY THE ENGINEER.
3. HAND CLEAR SCALING AREA FROM STA 18+50 TO 21+20.
4. INSTALL DRAIN HOLES NOMINALLY 25 FEET APART BETWEEN STA 18+50 AND 21+20 IN THE NEW CUT SLOPE AND NEAR ROADWAY GRADE. LOCATIONS TO BE APPROVED BY THE ENGINEER.
5. PROJECT LEGEND PROVIDED ON SHEET A3.

PLANS DEVELOPED BY:
LANDSLIDE TECHNIQUES
1025C SW GREENBURG RD.
SUITE 111
PORTLAND, OR 97223
(503)452-1200
FAX: (503)452-1201

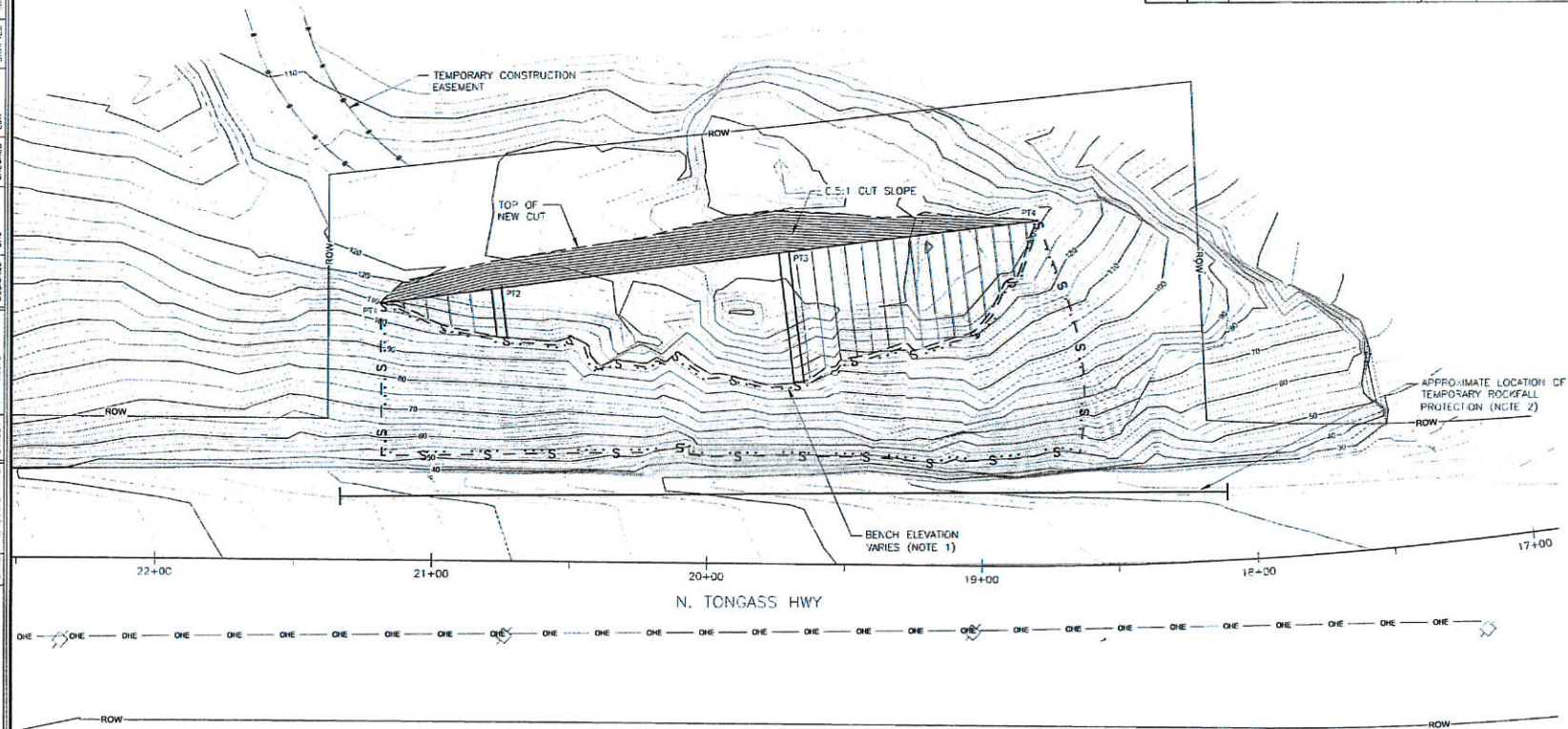


STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KETCHIKAN - SOUTHCOAST
REGIONWIDE NON-NHS SLOPE
STABILIZATION

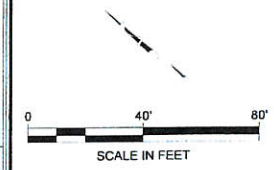
YVETTE TOMASS (WOLFE PORT)
INDICATION ANNOTATED PHOTOGRAPH

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0003189/Z686570000	2019	F2	39



N. TONGASS HWY

ROW



NOTES

1. BENCH ELEVATION VARIES FROM 100' TO 131'.
2. MAINTAIN TEMPORARY ROCKFALL PROTECTION (TRP) BELOW ACTIVE WORK ZONES AS WORK PROGRESSES. DETAILS OF THE TRP ARE PROVIDED ON SHEET E7.
3. SCALING AND CUT LIMIT DETAILS SHOWN ON MITIGATION ANNOTATED PHOTOGRAPH (SHEET E2) AND TYPICAL SECTIONS (SHEET B1).
4. HAND CLEAR AREA SHOWN OR AS DIRECTED BY ENGINEER. DO NOT CRUSH.
5. PROJECT LEGEND PROVIDED ON SHEET A3.

LAYOUT CONTROL POINTS

Offset	Baseline	Offset	Northing	Easting	Elevation
Point	Station				
PT1	21+20	92.8	1294563.69	3093429.05	110.0
PT2	20+80	36.2	1294535.89	3093458.71	100.0
PT3	19+75	12.4	1294466.54	3093536.6	100.0
PT4	18+80	125.0	1294403.25	3093606.68	131.5

PLANS DEVELOPED BY
LANDSLIDE TECHNOLOGY
10200 SW OREGON RD RD.
SUITE 111
PORTLAND, OR 97223
(503)451-1200
AEC0258440



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KETCHIKAN - SOUTHEAST
REGIONWIDE NON-H/S SLOPE
STABILIZATION
NORTH TONGASS (WOLFE POINT)
SITE PLAN

In regards to the Married Man's Trail improvements, Councilmember Bradberry said she would like to see more wayfinding and information available to direct visitors to these areas where we are making these improvements to utilize them.

For staff clarification, Manager Amylon recapped Council direction for the following:

- Defer the Stedman Street Restroom facilities, and in 2021 have staff look at alternative location and design.
- The \$30,000 allocated to Visitors Amenities to fund wayfinding signs to address comments made by Councilmember Bradberry
- Defer "The Rock" improvements to 2022.
- Married Mans Trail Gap and Exit improvements and the Salmon Walk and Salmon Ladder enhancements would stay in 2021 capital project list.

Manager Amylon stated he would bring back the motions for Council consideration on the capital projects to defer, and no objections were heard.

Mayor Sivertsen requested after the first of the year staff provide for Council a list of properties the City owns and if they can be sold, auctioned off or demolished.

Acting Port & Harbors Director Hilson answered questions from the Council regarding the repair of the Schoenbar Creek metal pipe culvert, the Water Street Trestle No. 1, Sayles/Gorge Street Bridge Replacement, Water Meters and Schoenbar Road sewer mains and water mains in the same area.

No action was taken.

Moved by Zenge, seconded by Flora the City Council defer consideration of Resolution No. 20-2796 to the special City Council budget meeting of Wednesday, December 9, 2020.

Motion passed with Kiffer, Gage, Bradberry, Flora, Zenge and Gass voting yea; Bergeron absent.

MAYOR AND COUNCIL COMMENTS

Councilmember Flora thanked everyone at the City that made themselves available to do the hard work in keeping our residents safe this weekend in regards to the Ketchikan Lakes Dam.

Councilmember Bradberry echoed comments made by Councilmember Flora, and thanked everyone who was involved and helped with the voluntary evacuations this weekend.

Councilmember Kiffer echoed Councilmember Bradberry's comments along with staff, KPU and Public Work employees to prevent a serious situation from getting out of hand. He said this raises the issue to discuss the future of the old, earthen enforced dam. He questioned if the wayfinding material posted throughout the community is working the way we hoped it would. He stated it might be time to upgrade the wayfinding material. **He informed he has gotten a lot of phone calls from citizens concerned about certain hillsides in town and the fear of slides especially out by Wolf Point.**

Councilmember Gage echoed comments made by Councilmember Kiffer, stating she has concerns about that particular hillside as well. She said she appreciates everyone's effort dealing with the dam this weekend.