STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
F-M-0955(03)—68799 68818
GLACIER HIGHWAY
SWITZER TO FRED MEYER
GRADING, PAVING & DRAINAGE

DESIGN DESIGNATION

V = 40 MPH

ADT 1995 = 2002

ADT 2005 = 3281

DHV 12% = 394

%T = 77%

TI = 76

PROJECT SUMMARY

WIDTH OF PAVING = 40'

LENGTH OF PROJECT = 3,461.63 + 130.83 M

"As-Built" Plans
RED SAMM CONSTRUCTION
PE.: SOC KREUZENSTEIN
1-20-87 to 6-13-88

Plats Developed By FRANK MURPHY
Under The Supervision Of

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APPROVED

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S.E. Region, Director, Design & Construction
In accordance with ADF&G guidelines, the following construction activities on streams that support nesting salmonids shall be accomplished in accordance with Section B30 in order to preserve fish passage. Station 500+25 will have a 20" x 42" arch pipe; Station 500+15, a 20" x 42" arch pipe; and Station 500+10, a 30" pipe. These culverts will all be rebedded 6" inches into the streambed.

- **Culvert Replacement Operations** will incorporate the following features to protect existing fish populations and preserve fish/animal habitat values:
  1. The contractor's erosion control plan will be submitted to ADF&G for review and approval.
  2. A meeting will be arranged between ADF&G personnel and the contractor prior to construction activities.
  3. ADF&G personnel will monitor and locate fish in the stream before construction.
  4. Culvert installations will be in compliance with U.S. Army Corps of Engineers recommended management practices.
  5. Excavated materials will be covered by a toe fill, plastic film, or other approved material to prevent siltation of stream banks.
  6. No erosion control materials which could function as a barrier will be installed along the streambank.
  7. Standard stream diversion techniques will be used at each site. A pumping option will be submitted to ADF&G for approval.

Additional steps will be taken to preserve water quality and protect fish habitat in adjacent wetlands:

1. After project slope grading, DOT&PF will determine wetland areas to be silted prior to excavation or embankment activities.
2. Silt fences will be in place prior to embankment or grading activities.
3. Monitor ditch depth, distance, and the above requirements - ditching on grading or grading streams will have silt control structures installed to protect the streams.
4. Maintenance of silt control structures will be the contractor's responsibility.
5. Clearing limits will be toe-of-slope unless special conditions warrant otherwise.
6. Any pumping will be done in accordance with applicable regulations.
7. Seeding will be accomplished by August 15 on the contractor's responsibility for erosion control protection until the next spring.
8. Fueling operations for construction equipment will be conducted in a manner to prevent pollution of streams and wetlands in the project area.
9. All haulers are located 200 feet from the end of project.

To reduce the risk of disturbance to eggs during hatching or rearing, there will be no construction activity within 200 feet of the nest between March 1 and May 15. If the nest is inactive (no incubating adults) after May 15, all construction activities can be resumed. However, if eagles are present on the nest by May 15, no construction activities will take place within 200 feet of the nest until the young eagles fledge or August 15, whichever occurs first.