STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
RS-0970(3)
FRITZ COVE ROAD
PAVING
AS BUILT PLANS

DESIGNATION
ADT (1975) = 580
ADT (1985) = 850
DHV (15%) = 125
D = 35 - 65
T = 4%

BEGIN PROJECT
RS-0970(3)
AsBl. 0' 2+90.0

PROJECT SUMMARY
WIDTH OF PAVING = 24'
LENGTH OF PAVING = 5,508.86' = 2.5585 mi.
LENGTH OF TRANSITION = 75'
LENGTH OF PROJECT = 5,508.86' = 2.5585 mi.

END PROJECT
RS-0970(3)
AsBl. 0' 140+45.6

Contractor: Reid Drum Mining Co.
Proj. Eng.: Phillip R. Speer
Beginning Date: July 6, 1977
Ending Date: September 9, 1977
GLACIER HIGHWAY - FRITZ COVE ROAD
INTERSECTION
MODIFICATION DETAIL

Note:
Obstruction of existing roadway includes:
150 sq ft. of pavement removal and disposal;
this work, and grading
behave, will be considered
accidental in item 401.0.
Hot Ashcraft Movement
**GENERAL NOTES**

1. Bottom grade of subdrain shall be to the line shown on the detail this sheet, or to trench, as directed by the Engineer.

2. It shall be the responsibility of the Contractor to dispose of all material from trench excavation deemed excess by the Engineer.

3. The wall of the excavated subdrain trench shall be sloped where necessary as directed by the Engineer. This work will be considered incidental to Item 405-02 8" Perforated Pipe for Subdrain.

4. Excavated silty material from the trench shall be used for backfill above the subdrain, to render the ditch bottom impervious.

5. The filtration fabric shown above shall be "M" fabric made by Calixene Fiber Industries, Ltd., or equal.

6. The Contractor has the option of using a Type "B" Gutter Inlet or a C.M.P. Drop Inlet as detailed on this sheet.

7. Backfilling of the subdrain trench will be considered incidental to Item 405-02 8" Perforated Pipe for Subdrain.

8. The Contractor shall build the subdrain and associated drain inlets at the beginning of the project to allow the roadway embankment to dry out before building the retaining wall.

**TYPE "B" INLET CONNECTION DETAIL**

**PROFILE OF SUBDRAIN**

**OPTIONAL C.M.P. INLET DETAIL**
CONCRETE RETAINING WALL DETAIL

TYPICAL SECTION

GENERAL NOTES

1. Weep holes shall be installed at 2' intervals longitudinally in the concrete wall 18' above the finished toe (see Standard Drawings).

2. Subsurface drainage water collected by the perforated pipe shall be routed past the house via the 8" C.I. P. This conduit shall maintain a minimum depth of burial of 36" except at the outlet where the pipe will then intersect the ground surface.

3. The fine concrete aggregate shall be placed and compacted as directed by the Engineer.

4. The Contractor shall, at the direction of the Engineer, adequately support the existing walkway during construction, and shall provide access to the house through the duration of construction.

5. Refer to the Standard Drawings for the dimensions and reinforcing steel schedule of the retaining wall.

6. Tree removal will be considered incidental to other items of work.

7. Excavation for retaining wall and retaining wall construction shall be done as last item of work on job to allow roadway embankment to dry out, following subdrain construction.

PLAN VIEW