

**STATE OF ALASKA
DEPARTMENT OF HIGHWAYS**

STATE	PROJECT	YEAR	SHEET NO.	TOTAL Shts
ALASKA	RS-0920(10)	1975	1	7

DESIGN DESIGNATION PROJECT NO. RS-0920(10)

AS-BUILT PLANS

**PROPOSED HIGHWAY PROJECT
RS-0920(10)
NORTH TONGASS HIGHWAY
WHIPPLE CREEK TO FOREST BOUNDARY
&
WARD CREEK BRIDGE
HOT ASPHALT PAVEMENT**

ADT. (1974) = 670
ADT. (1995) = 1,300
DHV. 15% = 195
D = 40-60
T = 4%
V =

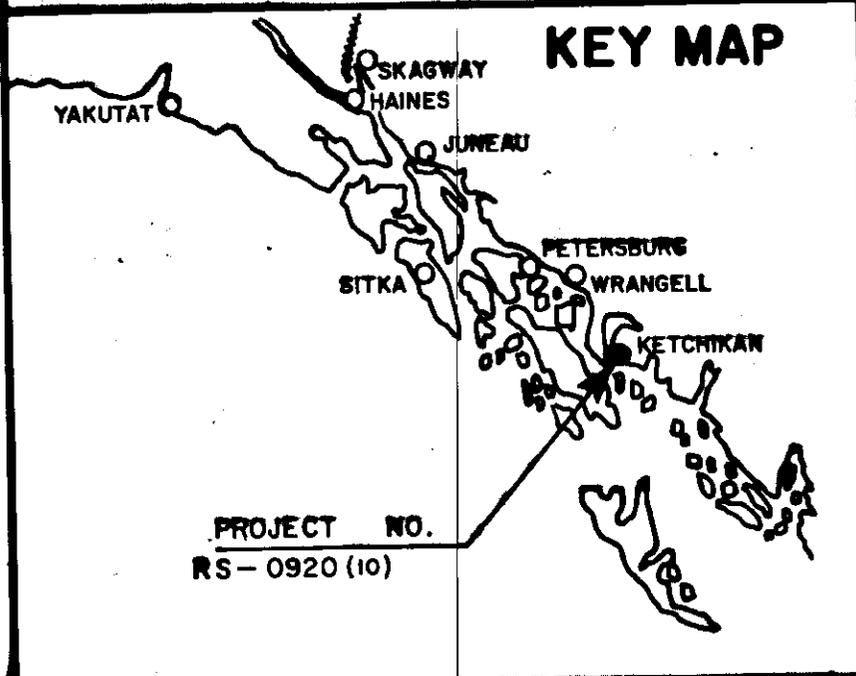
CONTRACTOR: ASSOCIATED SAND & GRAVEL CO.

Project Engineer: D. F. Robbins

Beginning Date: 5-5-76

Completion Date: 8-16-76

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT. C-00.01, C-10.00, C-11.01, M-16.03



PROJECT SUMMARY	
LENGTH OF PROJECT	21,454.36 = 4.063 MI.
LENGTH OF PAVING	21,454.36 = 4.063 MI.

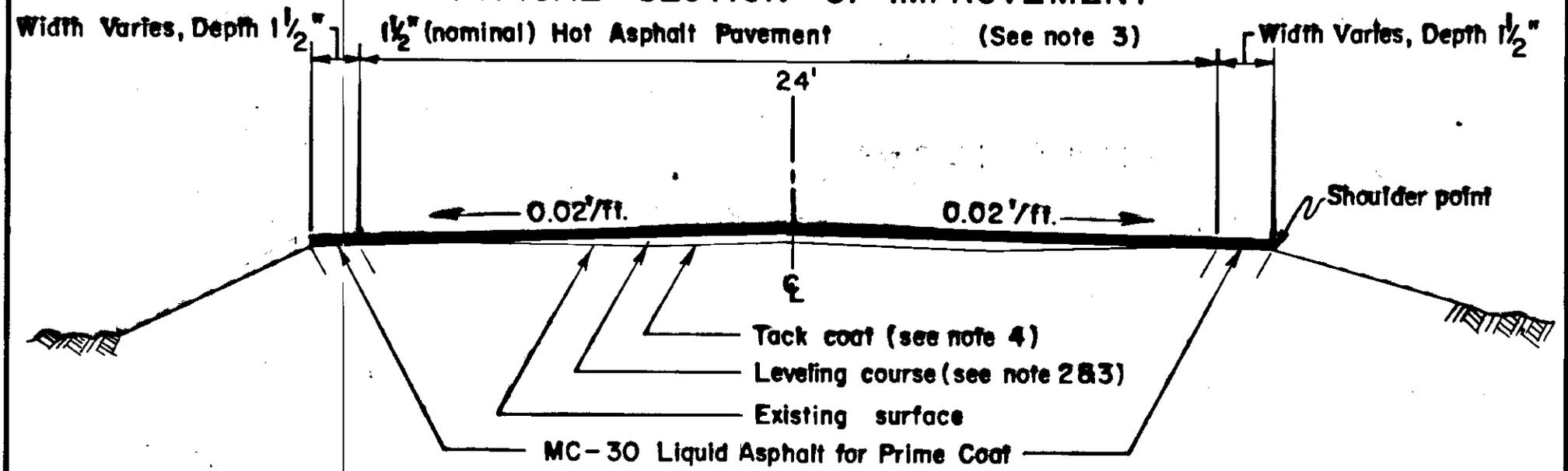
INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION
3	VICINITY MAP
4	ESTIMATE OF QUANTITIES
5	DETAILS
6	SUMMARY OF MONUMENTS TO BE ADJUSTED

APPROVED: *Markus E. Wild* DATE: *4/24/77*
SOUTHEASTERN DISTRICT HIGHWAY ENGINEER

APPROVED: *B. Starlock* DATE: *5-4-73*
COMMISSIONER OF HIGHWAYS

STATE	PROJECT	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	RF-0920(10)	1975	2	7

TYPICAL SECTION OF IMPROVEMENT



GENERAL NOTES

1. Finished roadway cross-slope shall be 0.02'/ft. or as directed by the engineer.
2. A leveling course shall be placed on the existing surface prior to placement of 1/2" finish mat in locations designated by the engineer.
3. The Hot Asphalt Pavement will be full width of existing pavement & shoulders.

Pavement widths for shoulders:

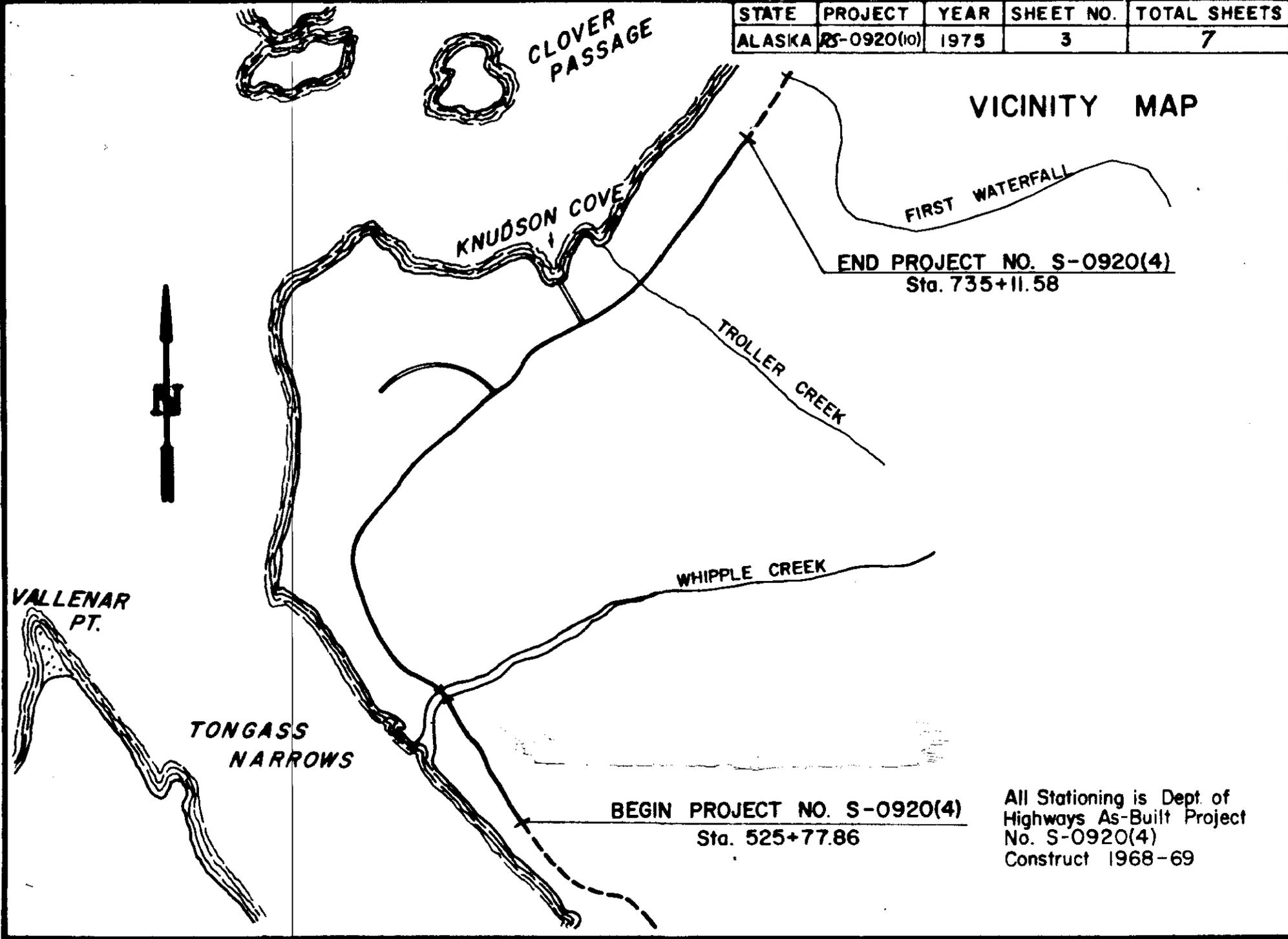
Sta. 527+77.86 to Sta. 671+82.50 - 6'

Sta. 671+82.50 to Sta. 672+77.80 - Transition

Sta. 672+77.80 to Sta. 733+11.58 - 3'

STATE	PROJECT	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0920(10)	1975	3	7

VICINITY MAP



END PROJECT NO. S-0920(4)
Sta. 735+11.58

BEGIN PROJECT NO. S-0920(4)
Sta. 525+77.86

All Stationing is Dept. of
Highways As-Built Project
No. S-0920(4)
Construct 1968-69

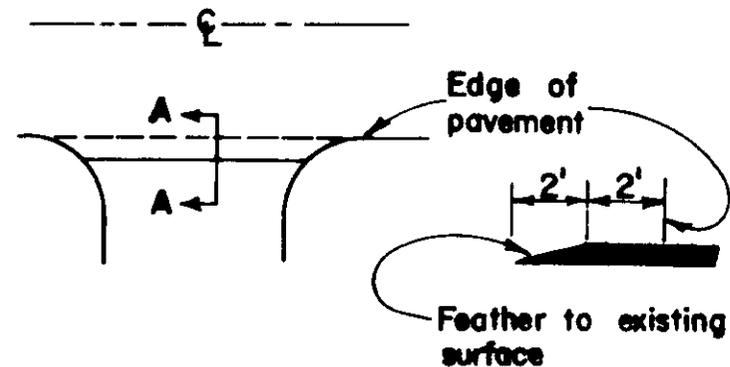
STATE	PROJECT	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	RS-09 (10)	1975	4	7

FINAL
ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
I	Furnishing & Maintaining Engineering Facilities	Lump Sum	All Req'd
110(1)	Mobilization	Lump Sum	All Req'd
111(1)	Temporary Erosion & Pollution Control	Cont. Sum	All Req'd
113(1)	Flagging	Manhours	890.440
401(1)	Hot Asphalt Pavement	Tons	8126.9246.27
401(2)	AR-10 Asphalt Cement AR-20	Tons	491.496.33
402(2)	GRS-2 Cationic Emulsified Asphalt for Tack Coat CSS-1	Tons	81.716.24
403(1)	MC-30 Liquid Asphalt for Prime Coat	Tons	11.423.88
614(3)	Adjust Existing Monument & Cases	Each	32.31
302(1)	Aggregate for Subbase Modification	Tons	2590.3965
302(3)	Processing for Subbase Modification	Miles	3.903.904
407(1)	Membrane Waterproofing	Sq. Yds.	1320.1563

205(1) Asphalt Removal EWD * 4

TYPICAL INTERSECTION AND 45° APPROACH SURFACING All Req'd



SECTION A-A

BASIS OF ESTIMATE

ITEM	ESTIMATING FACTOR
301(1)	1.96 ton/c.y.
401(1)	112 lb./sq. yd. / in. depth
402(2)	0.10 gal./sq. yd. 253 gal./ton
403(1)	0.25 gal./sq. yd. 256 gal./ton
404(4)	0.075 gal./sq. yd. 256 gal./ton

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
ALASKA	RS-0920(4)	5	7

NOTE: All stationing will be ALASKA DEPARTMENT OF HIGHWAYS As Built Project No. S-0920(4), Constructed 1968-69

SUMMARY OF BRASS CAP MONUMENTS & MONUMENT CASES

STATION	MON	MON CASE	OFFSET	REMARKS	STATION	MON	MON CASE	OFFSET	REMARKS
"L" 525+77.86			€	B.O.P.	"L2"633+99.32			€	P.O.T.
"L" 527+77.86			↑	P.C.	"L2"640+51.30 Bk.			↑	P.C.
"L" 533+04.53			↑	P.T.	"L2"640+51.78 Ah'd				
"L" 539+21.25 Bk.			↑	P.C.	"L2"651+35.11				P.T.
"L3"539+21.25 Ah'd.					"L2"657+31.21 Bk.				P.C.
"L3"547+95.75 Bk.				P.T.	"L2"657+31.99 Ah'd.				
"L3"547+96.60 Ah'd.					"L2"662+19.07				P.T.
"L3"552+84.23				P.O.T.	"L2"671+04.84 Bk.				P.C.
"O" 559+13.88				P.C.	"L2"671+05.25 Ah'd.				
"O" 562+85.96				P.T.	"L2"679+60.25 Bk.				P.T.
"O" 568+84.53				P.C.	"L2"679+60.48 Ah'd.				
"O" 571+04.95				P.T.	"L2"686+28.51 Bk.				P.C.
"O" 579+08.23				P.C.	"L2"686+29.09 Ah'd.				
"O" 586+58.81 Bk.				P.T.	"L2"689+32.95 Bk.				P.T.
"L2"586+62.24 Ah'd.					"L2"689+32.84 Ah'd.				
"L2"596+41.33				P.C.	"L2"697+40.40				P.O.T.
"L2"600+39.66 Bk.					"L2"711+12.80 Bk.				P.C.
"L" 602+30.00 Ah'd.				P.T.	"L2"711+13.43 Ah'd.				
"L2"604+62.94				P.C.	"L2"714+25.93				P.T.
"L2"615+36.81 Bk.					"L2"721+73.36 Bk.				⊗ Point
"L2"615+39.91 Ah'd.				P.T.	"L2"721+73.68 Ah'd.				
"L2"618+61.27			↓	P.C.	"L2"735+11.58			↓	E.O.P.
"L2"623+36.27			€	P.T.	TOTAL	32	32	€	