

**STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES**

**PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
SOS - 3(007)
SOUTH POINT HIGGINS ROAD
KETCHIKAN
GRADING, DRAINAGE AND
GRAVEL SURFACING**

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
ALASKA	SOS - 3(007)	1	2

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION & ESTIMATE OF QUANTITIES

The following Standard Drawings apply to this project:
A-1, C-00.04, C-10.02, C-11.02, D-02.02

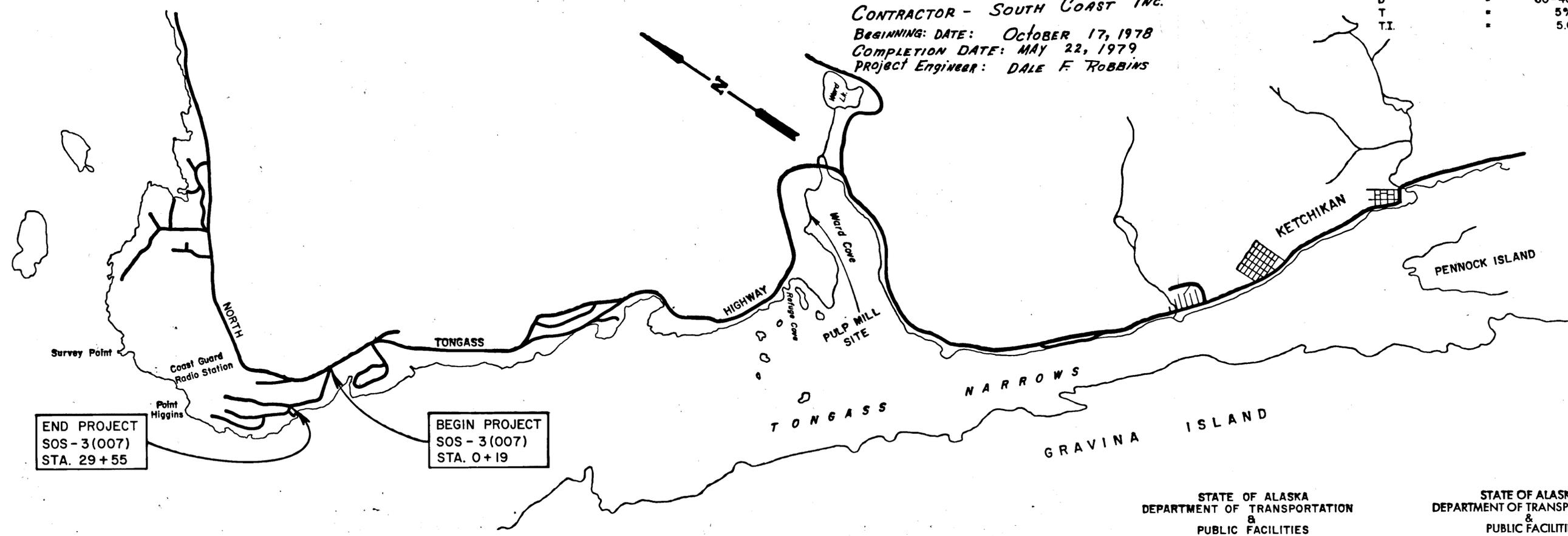
PROJECT SUMMARY

WIDTH OF SURFACING	= 24 FT.
LENGTH OF GRADING	= 2,936.0 FT. = 0.56 MI.
LENGTH OF PROJECT	= 2,936.0 FT. = 0.56 MI.

DESIGN DESIGNATION

ADT 1976	=	160
ADT 1999	=	256
DHV 12%	=	30
D	=	60-40
T	=	5%
T.I.	=	5.0

"As - BUILTS"
CONTRACTOR - SOUTH COAST INC.
BEGINNING DATE: OCTOBER 17, 1978
COMPLETION DATE: MAY 22, 1979
PROJECT ENGINEER: DALE F. ROBBINS



END PROJECT
SOS - 3(007)
STA. 29 + 55

BEGIN PROJECT
SOS - 3(007)
STA. 0 + 19

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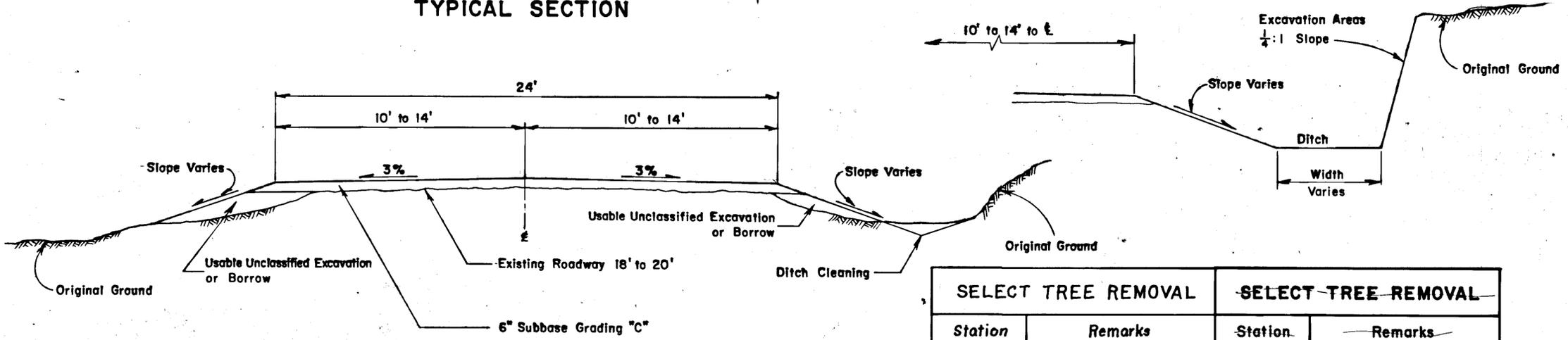
APPROVED
Wallace K. Wilkins
SOUTHEASTERN REGION DESIGN AND
CONSTRUCTION ENGINEER

STATE OF ALASKA
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APPROVED
R. O. Schuman PE
DIRECTOR-HIGHWAY DESIGN & CONSTRUCTION

ROCK REMOVAL TYPICAL

TYPICAL SECTION



Sta. 0 + 19 TO Sta. 29 + 55

NOTE: Roadway Widening shall be to the Left or Right of Centerline as Directed by the Engineer to obtain the required 24' Roadway.

- GENERAL NOTES:
- Grade and alignment will be as established by the engineer.
 - All curves shall have a maximum 3% superelevation.
 - Seed all ditches and back slopes.

SELECT TREE REMOVAL		SELECT TREE REMOVAL	
Station	Remarks	Station	Remarks
4+25	4' Cedar Stump	7+80	3' Cedar Snag Left
7+90	3' Cedar Stump	18+10	3' Cedar Right
8+20	2' Stump	18+25	3' Stump Right
17+05	3' Stump		
17+20	2' Spruce Stump		NOTE: Trees and Stumps to be removed in their entirety
18+10	Cedar Snag		
18+25	3 1/2' Spruce Stump		
19+00	2' Stump		
21+50	2' Stump		
23+50	2' Stump		
23+75	2' Stump		
24+25	2' Stump		
24+75	2' Stump		
25+60	2-Live 8" Hemlocks		
26+00	1 1/2' Stump		

DITCH CLEANING	
Station	Remarks
0+46 to 9+01	Right
9+36 to 11+90	Right
12+27 to 14+89	Right
16+54 to 28+90	Right
28+90	100' out fall ditch. Lt.
	2395
	Total 2707 L.F.

ESTIMATE OF QUANTITIES			
Item No.	Item	Unit	Quantity
110(I)	Mobilization	L.S.	All Req'd.
111(I)	Temporary Erosion & Pollution Control	C.S.	All Req'd.
115(I)	Traffic Maintenance	L.S.	All Req'd.
201(6)	Selective Tree Removal 3' Dia.	Each	3 15
201(7)	Ditch Cleaning	Lin. Ft.	2,707 2395
202(4)	Removal & Disposal Culvert Pipe	Lin. Ft.	350 418
203(3)	Unclassified Excavation	Cu. Yd.	2,000 875
203(5B)	Borrow	Cu. Yd.	3,000 696
304(I)	Subbase Grading "C"	Cu. Yd.	2,800 1718
506(3)	WOODEN STAIRS STA 18+00	L.S.	All Req'd
506(4)	WOODEN STAIRS STA 24+00	L.S.	All Req'd
603(22E)	18" Pipe Conduit	Lin. Ft.	220 253
603(22G)	24" Pipe Conduit	Lin. Ft.	316 290
618(1)	Seeding	M.S.F.	60 50.11
618(2)	Watering for Maintenance	M.G.	24 0

BASIS OF ESTIMATE	
Item No.	Estimating Factor
203(5B)	1.80 Ton / Cu. Yd.
304(I)	1.87 Ton / Cu. Yd.

CULVERT SUMMARY			
Station	Install		Remarks
	18"	24"	
1 + 46Rt.	30'		
2 + 82Rt.	30'	46'	Remove Existing 36'
4 + 33Rt.	30'		Remove Existing 20'
5 + 77Rt.	30'		
6 + 60		54'	Remove Existing 42'
8 + 50Rt.	30'	58'	" " 44'
8 + 87		44'	" " 38'
9 + 97Rt.	30'		" " 24'
8 + 66Rt.	33'		
10 + 47Rt.	30'		" " 20'
11 + 03Rt.	30'		" " 20'
14 + 04Rt.	40'		" " 40'
14 + 67Rt.	36'	34'	" " 30'
17 + 16	38'		" " 34'
25 + 15	44'		" " 40'
28 + 90	40'	34'	" " 30'

UNCLASSIFIED EXCAVATION	
Station	Remarks
9+01 to 9+36	Rt. Rock Exc.
11+90 to 12+27	Rt. Rock Exc.
14+89 to 16+54	Rt. Rock & Roadway Exc.
18+10 to 18+40	Rt. Rock & Roadway Exc.
19+92 to 20+26	Lt. Rock Exc.

NOTE: Contractor will notify owner of property below culvert at Station 8+50 before he muddies up the ditch water so that he can turn off his water supply.