KEY MAP

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

PLAN AND PROFILE PROPOSED HIGHWAY PROJECT BW-RS-0933(IO) & X-30081 & R-31130 SAWMILL CREEK ROAD PEDESTRIAN & BICYCLE PATHWAY & EXTENSION GRADING, DRAINAGE & PAVING

INDEX OF SHEETS DESCRIPTION TITLE SHEET TYPICAL SECTION & ESTIMATE OF QUANTITIES PLAN & PROFILE SHEETS SHELDON JACKSON CANAL CROSSING DETAILS BRIDGE PLANS

BW-RS-0933(IO) &

AB-13

The following standard drawings apply to this project: A-I, C-00.04, C-10.02, C-11.02, D-02.02, 1-40.10, S-00.10, S-05.00 and S-30.11.

BEGIN PROJECT **END PROJECT** BEGIN PROJECT R- 31130 BW-RS-0933(IO) & BW-RS-0933(10) & X-30081 X-3008I "AsBIt" 24+40-36'Rt. "AsBIt" 5+58-38 Rt. "AsBlt" 24+40-14'Rt Begin Bridge
"AsBlt" 17+58.00 End Bridge "AsBlt" 19+09.58 SITKA COMMUNITY END PROJECT R-31130 "AsBIt" 40+40-36'Rt. JAMESTOWN BAY

CRESCENT BAY

AS BUILT PLANS

Contractor: Associated Sand & Gravel Project Engineer: Chuck Hodges

Phil Speer

Construction Began: 9-7-78 Project Completed: 7-31-79

STATE OF ALASKA DIVISION OF HIGHWAYS

Walloce KWUles Date 5/3/78 SOUTHEASTERN REGION DESIGN/CONSTRUCTION ENGINEER

> STATE OF ALASKA
> DEPARTMENT OF TRANSPORTATION PUBLIC FACILITIES

APPROVED

BW-RS-0933(10) & X-30081 PROJECT SUMMARY

WIDTH OF PAVEMENT

LENGTH OF PAVING

1,749' = 0.331 Mi.

LENGTH OF GRADING

1,749' = 0.331 Mi.

LENGTH OF BRIDGE

151.58' = 0.029 Mi.

LENGTH OF PROJECT

 $1,900.58' = 0.360 \,\mathrm{Mi}.$

SWAN LAKE

SITKA

R-31130

PROJECT SUMMARY -

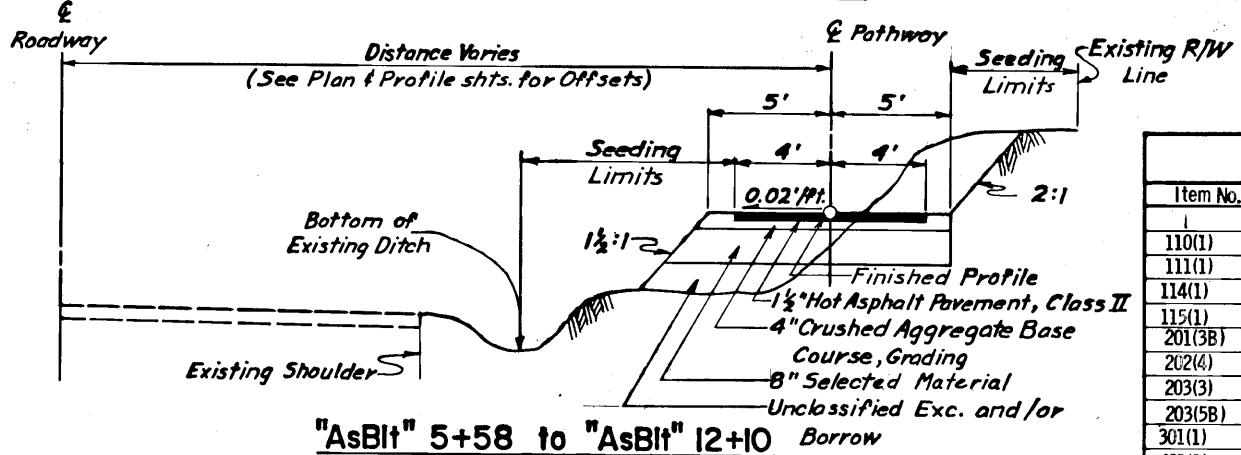
WIDTH OF PAVEMENT

LENGTH OF PAVING = 1,600' = 0.303 Mi.

LENGTH OF GRADING 1,600' = 0.303 Mi.

LENGTH OF PROJECT = 1,600' = 0.303 Mi.

TYPICAL SECTIONS OF IMPROVEMENT



Transition -2% Cross Slope Lt. to -2% Cross Slope Rt. from "AsBlt" 11+50 to "AsBlt" 12+50

"AsBit" 19+22 to "AsBit" 24+40

The depth of Selected Material shall be 4" or as directed by the engineer.

	ESTIMATE OF QUANTITIE	ES	
Item No.	Item	Unit	Quantities
1	Furnishing and Maintaining Engineering Facilities	L.S.	All Heq'a
110(1)	Mobilazation	L. S.	All Req'd.
111(1)	Temporary Erosion and Pollution Control	C.S.	All Reg'd.
114(1)	Construction Engineering By The Contractor	L. S.	All Reg'd.
115(1)	Traffic Maintainence	L. S.	All Reg'd.
201(3B)	Clearing and Grubbing	L. S.	All Regid.
202(4)	Removal and Disposal of Culvert Pipe	L.F.	13
203(3)	Unclassified Excavation	C.Y.	1,499 1,530
203(5B)	Borrow	Ton	-994 1,989
301(1)	Crushed Aggregate, Base Course, Grading	Ton	-468 555
401(1)	Hot Asphalt Pavement, Class II	Ton	131 168.7
401(2)	AC-5 Asphalt Cement	Ton	8 9.94
505(11)	Treated Timber Piles Furnshed and Installed	L, S,	All Reg'd.
506(3)	Treated Timber	L.S.	All Reg'd.
510(1)	Bin Type Retaining Wall	Sa. Ft.	267
603(27B)	22" x 13" Pipe Arch	L.F.	-58 67
615(1)	Standard Signs	Sq. Ft.	41.0
618(1)	Seeding	M. \$ q. Ft.	18.51 15.90
618(2)	Water for Maintainence	M. G.	23.3 - 0 -
625(1)	Pipe Handrail	L.F.	45
203(5c)	Borrow / Vehicle Measure (EWO#5)	C.Y.V.M.	1,970
			
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GENERAL NOTES

Grade and Alignment shown on these plans are subject to minor revisions.

STATE PROJECT DESIGNATION

1978

ALASKA BW-RS-0933(IO) &

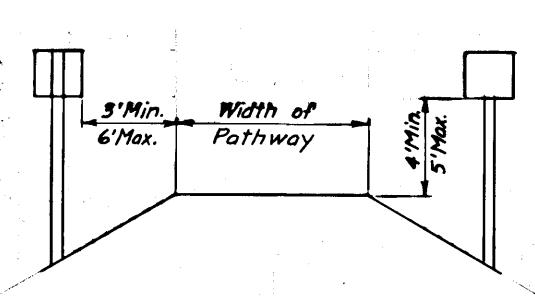
- Culvert lengths and location as shown on these plans are subject to minor revisions.
- Clearing & grubbing fimits shall be to the R/W fine.
- 4. Sign locations are approximate only and are subject to minor revisions.
- All sign posts shall be telescoping perforated galvanized steel posts; the 2" size shall be used above ground, and the 2½" shall be used below ground. All material shall be 12 ga. See Standard Drawing S-30.11 for more details.
- All work required to relocate existing signs, as shown in the signing schedule, shall be considered incidental to pay Item 615(1) "Standard Signs" and no separate payment shall be made therefore.
- 7. Telephone Poles shown on plans shall be removed by others prior to construction. and are not the contractors responsibility.
- 8. All instream work in Indian River shall be conducted during the period. May 1 through July 31.

	ESTIMATE OF QUANTITIES	(EXTEN	ISION)
Item No.	Item	Unit	Quantities
201 (3C) 203 (3) 203 (5C) 301 (1) 401 (1) 401 (2) 603 (278)	Clearing and Grubbing Unclassified Excavation Borrow / Vehicle Measure Crushed Aggregate Base Course Hot Asphalt Payement Class I AC-5 Asphalt Cement 22" × 13" Pipe Arch	L.S. C.Y. C.Y. M. Ton Ton Ton L.F.	All Req'd 666 2, 183 293 85.1 5.02
618 (1)	Seeding Water For Maintenance	MSF MGAL	13.73 -0-
			,

Distance Varies (See Plan & Profile shts. for Offsets) Existing Guardreil Existing Shoulder | 1½" Hot Asphalt Pavement, Class II 4"Crushed Aggregate Base Course, Grading 8"Selected Material Unclassified Exc. and/or Borrow

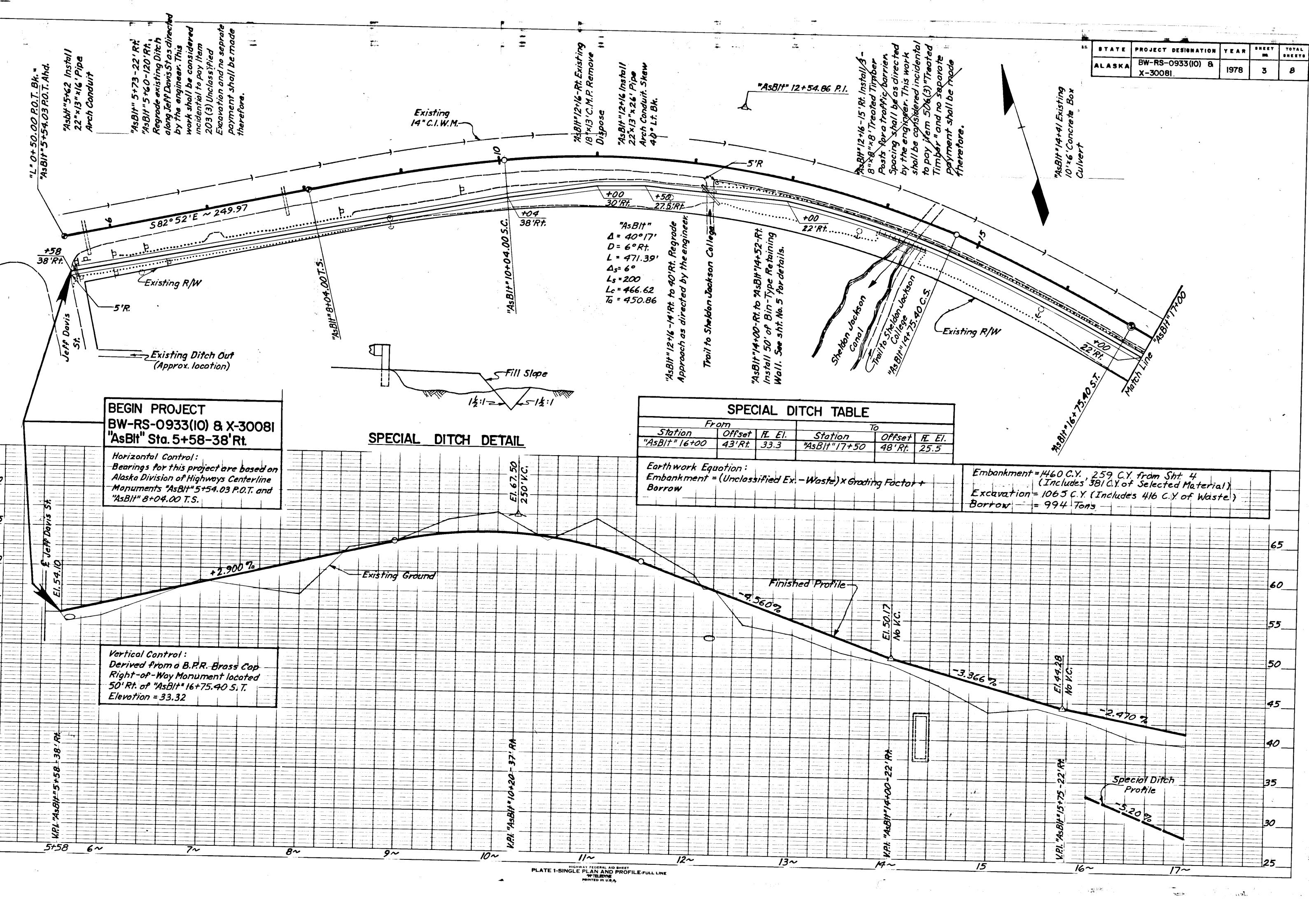
"AsBit" 12+10 to "AsBit" 19+22

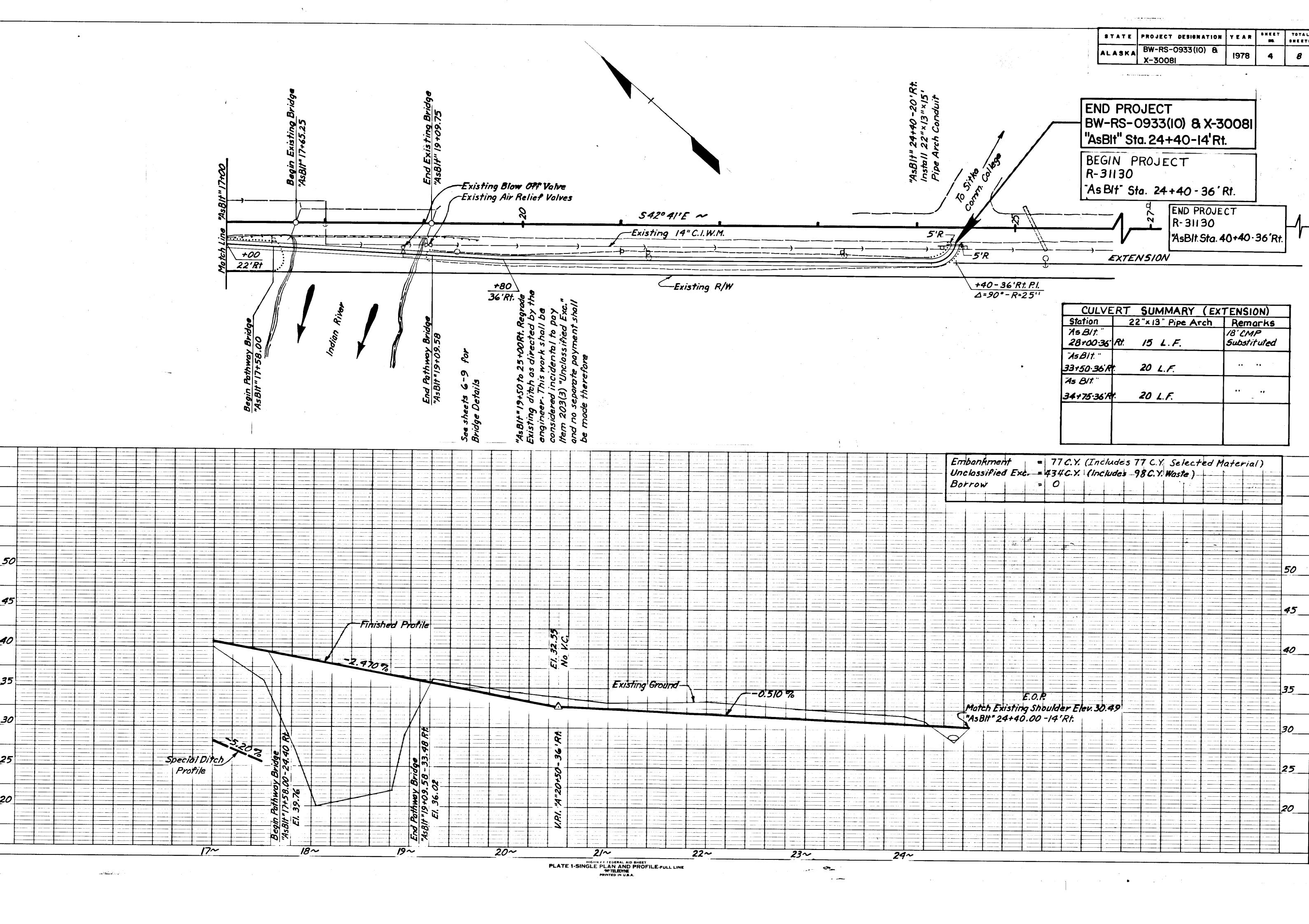
ВА	SIS OF ESTIMATE
Item No.	Estimating Factor
203(5B)	1.80 Tons per Cu. Yd.
301(1)	1. 96 Tons / Cu. Yd.
401(1)	112 lbs. per Sq. Yd. per inch depth
402(1)	6% of 401(1)
618(2)	1. 26 M. G. / M Sq. Ft.
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PATHWAY SIGN PLACEMENT DETAIL

						SI	GNING	SCHE	DULE							
No.		Dist. from		Code No.	Legend		Sign Panel Thickness			,			Post			
		Lt.	Rt.				Unframed	Framed	Area S.F.	No.of Posts	Туре	Size	Length	Embedment	Traffic Facing	Remarks
	"AsBIt" 5+70	↓	46'	R5-7	No Motor Vehicles	12" x 18"	. 063	<u> </u>	1.5	1	Tube	2"	9'-0''	3'-0"	E.B.	
2	"AsBIt" 5+70		30'	R1-1	STOP	24" x 24"			4.0	1	Tube	2"	8'-6''	3'-0''	W.B.	
3	"AsBit" 6+50	<u> </u>	46'	D11-1	BIKE ROUTE	24" x 18"	. 063		3.0	1	Tube	2''	9'-6''	3'-0''	E.B.	
4	"AsBit" 17+46		18'		Indian River	(Use	Existing Pa	nel)		1	Tube	2"	10'-0''	3'-0"	E. B .	Relocate 2' closer to
																Roadway 4
5	"AsBit" 21+27	<u> </u>	28'		No Parking On Pavement	(Use	Existing Pa	nel)		1	Tube	2"	10'-0''	3'-0''	E.B.	Relocate 3' Closer to
-	UA -DIAU 22 L20	<u> </u>	071	1033	DIKE DOUTE	0411 7011										Roadway (L
6	"AsBit" 23+30		27'	D11-1	BIKE ROUTE	24" x 18"	. 063	·	3.0	1	Tube	2''	8'-6''	3'-0''	W. B.	
7	"AsBit" 24+30		20'	R5-7	No Motor Vehicles	12" x 18"	.063	<u> </u>	1.5	1	Tube	2"	9'-6"	31-011	W.B.	
8	"AsBIt" 24+48		20'	R1-1	STOP	24" x 24"	. 063		4.0	1	Tube	2"	9'-6''	3'-0''	E.B.	
9	''AsBIt'' 21+00	· ·	28'	W11-/	BIKE CROSSINGS	36" x 36"	. 063		9.0	7	Tube	2"	9'-6''	21 011	C D	
10	"AsBit" 21 +00		28 1	Plaque	PED XING	24" x 18"	.063		3.0		Tube		7 7 70	3'-0''	S.B.	Mount Below #9
							ŧ									
11	''AsBit'' 27+00	28'			BIKE CROSSINGS	36" x 36"	. 063		9.0	1	Tube	2''	9'-6''	3'-0''	N.B.	
12	''AsBIt'' 27 +00	28'		Plague	PED XING	24'' x 18''	. 063		3.0							Mount Below #11
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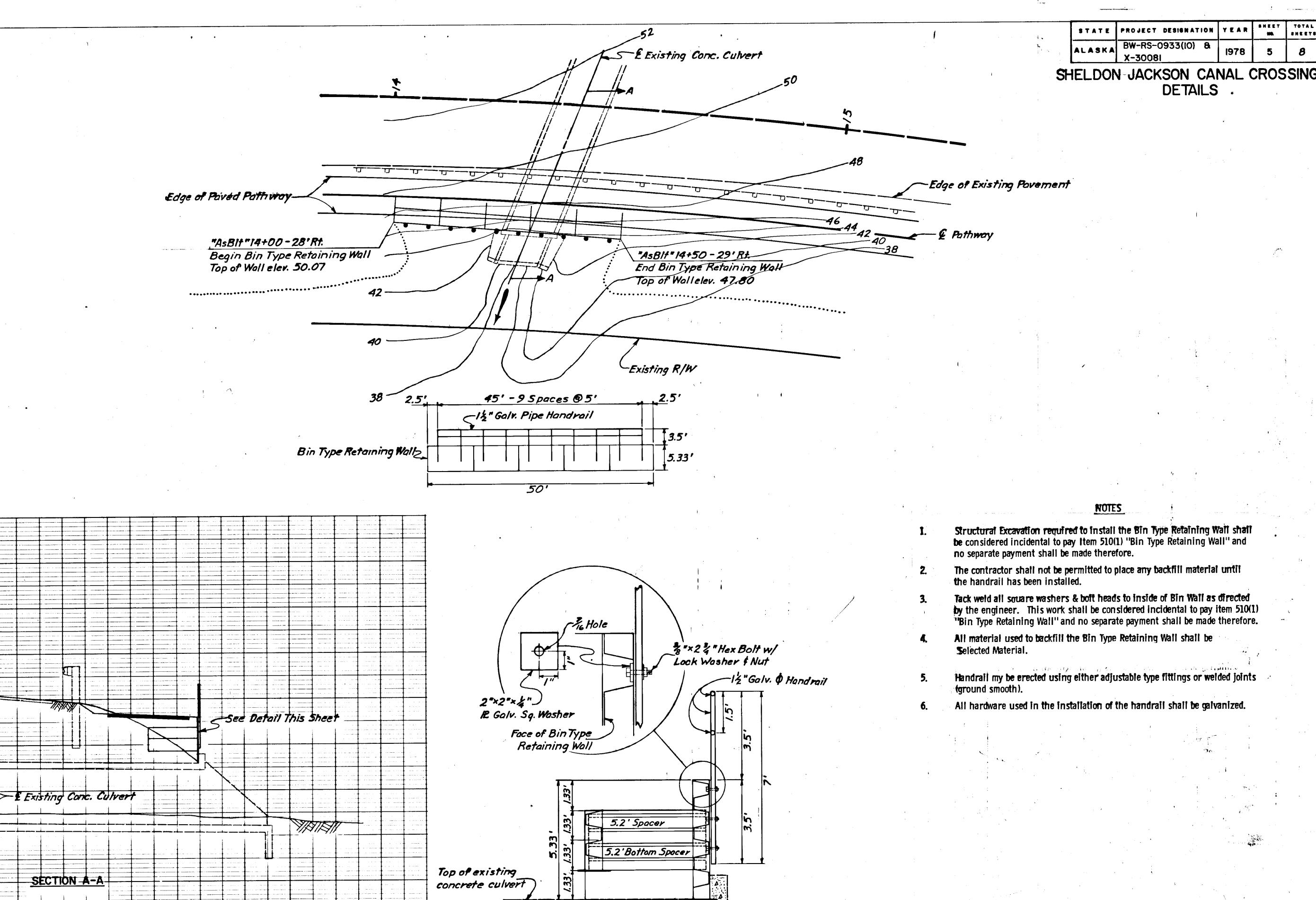


PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
TELEDYNE
PRINTED IN U.S.A.

50

30

20

5.5'

-No base plate shall be

required on column setting on top of the existing conc.

culvert, all other columns shall require base plates.

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