

# State of Alaska

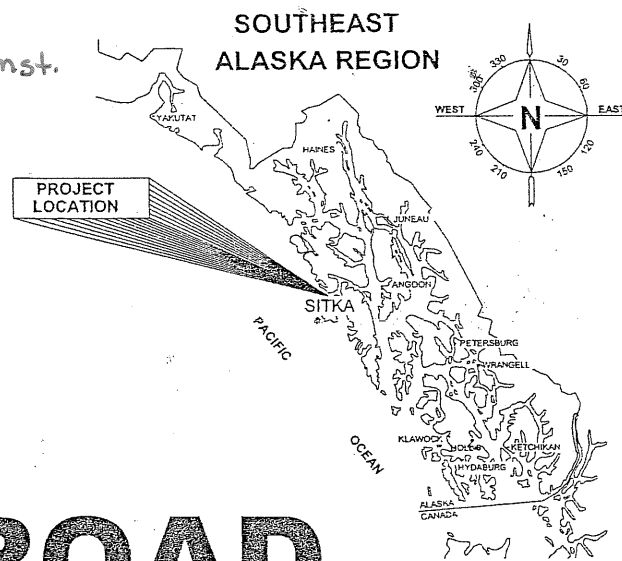
Department of Transportation  
and Public Facilities  
Southeast Region

## SITKA, ALASKA

# SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID

HPRM-0933(34) ~ 69208 &  
HPRL-0933(35) ~ 67733

*"AS-BUILT" Plans*  
Contractor: McGraw Custom Const.  
Project Engr: Don Newell  
Begin construction: 3-30-09  
End construction: 10-26-09



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F-17-E-19	Added in S.A. #4
V-1-U-3	Added in CO 1
C-1a	Added S.A. #1

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Newell* Date *7/18/10*

### DESIGN DESIGNATION

A.D.T. 2006	=	1180
A.D.T. 2023	=	1650
D.H.V. (10.7%) 2023	=	170
% T	=	3.4
V	=	25 MPH
E.A.L.	=	100,000

### PROJECT SUMMARY

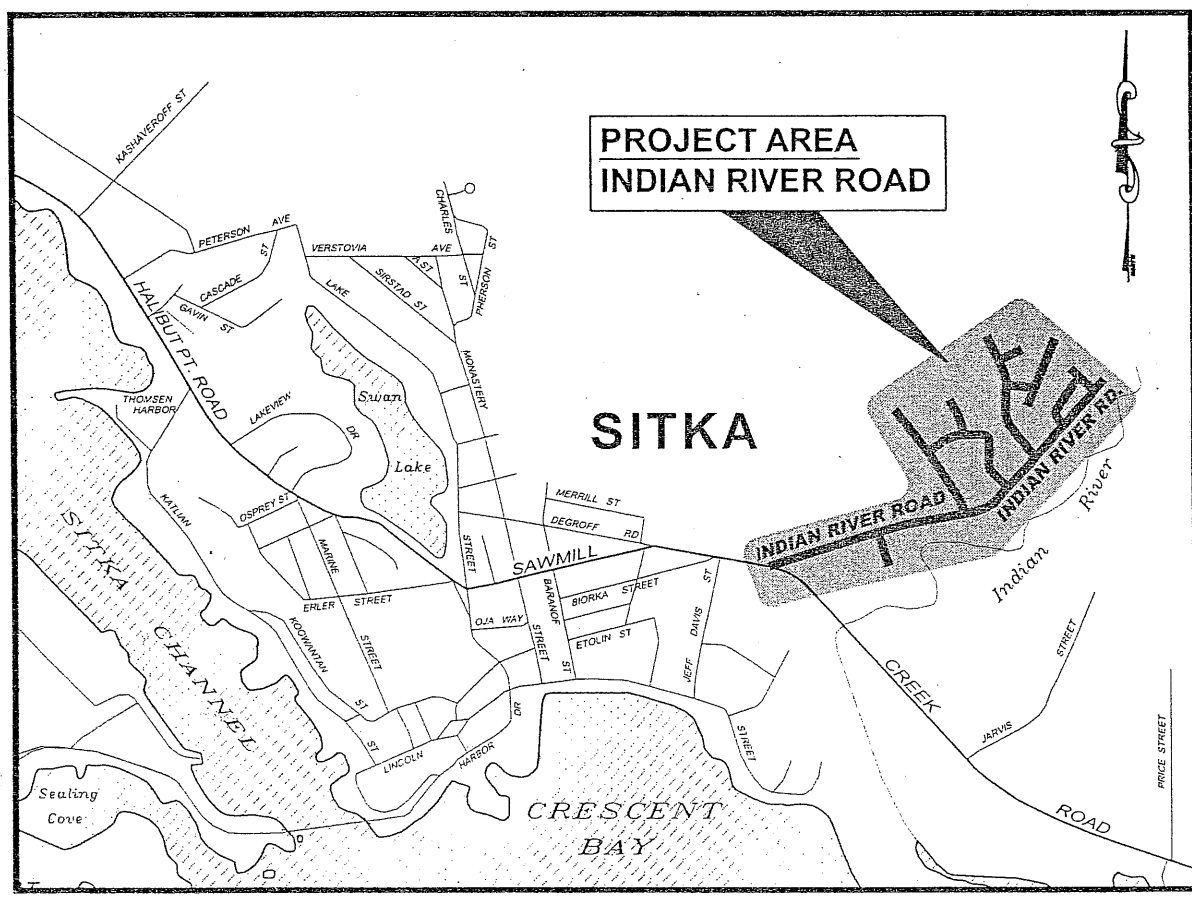
LENGTH OF PROJECT	=	1 MILE
LENGTH OF RESURFACING	=	1 MILE
WIDTH OF RESURFACING	=	22 FT

### THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	D-04.21	I-21.01	T-20.02	U-03.00
C-03.10	D-25.00	S-05.01	T-21.02	
	D-26.02	S-20.10	T-22.03	
		S-30.03		

### THE FOLLOWING CITY AND BOROUGH OF SITKA STANDARD DETAILS APPLY TO THIS PROJECT:

30-6	50-13	70-2	70-15
50-2	60-3	70-3	70-16
50-5	70-1	70-13	70-17



PATH: Q:\SIT\69208\PLANS\SET\NOV. 08 BID\A1\_UPDATED NOV.08 BID.DWG TAB:A1  
Tuesday, October 14, 2008 14:12:29 PM  
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

APPROVED: *Victor M. Winters* 11-26-08  
REGIONAL PRE-CONSTRUCTION ENGINEER  
VICTOR M. WINTERS, P.E. DATE

APPROVED: *Andy Hughes* 11-26-08  
Acting DIRECTOR, SOUTHEAST REGION  
ANDY HUGHES DATE

CERTIFIED TRUE & CORRECT AS BUILT OF ACTUAL FIELD CONDITION:

*Jan J.* 3/5/12  
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	HPRM-0933(34) ~ 69208 HPRL-0933(35) ~ 67733	2008	A1	63

# HORIZONTAL CONTROL

Horizontal control based at NGS point "BM-16" is the basis for GPS control. BM-16 is a "B" order NGS station located near the Pioneers Home with held NAD83 (1992) coordinates of N57-02-59.71512 W135-20-20.43691. SIT-C is a "First" order NGS station located at the Airport that was tied for inclusion of the Sitka Local Grid of 2000 as below. SIT-C has published NAD83 (1992) coordinates of N57-02-49.63882 W135-21-50.40083.

The basis of bearing is geodetic north based on GPS observations and applied convergence angle of -1°25'39.4" for the Sitka 2000 Grid.

Sitka 2000 Local Grid

The DOT/PF Sitka Grid 2000 was developed for use on the entire Sitka road system. Scale and convergence angles have been optimized to minimize project distortions area wide. A single physical point was selected as the basis for this system for ease in readjusting to future reference frames. This transformation to the local ground system is simply a scale, rotate, and translate of NAD83 Alaska State Plane Zone 1 US Survey Feet to facilitate a coordinate system in terms of ground distances instead of grid distances. This transformation information is provided to the contractor to ensure consistent coordinate values in the case that GPS is used for the project. If only conventional instruments are used, then only local coordinates will be necessary.

Basis of rotation and scale is NGS First order station "SIT-C"  
 Zone = NAD83 AKSPC ZONE 1  
 Grid Scale = 0.99997551  
 Convergence Angle = -1°25'39.4"  
 Translation about NGS station "SIT-C"  
 Grid North = 1,908,220.83142 FT US  
 Grid East = 2,348,010.11103 FT US  
 Local North = 300,000.0000 FT US  
 Local East = 500,000.0000 FT US

## Project Specific Basis of Horizontal Control

Project basis of bearing is N70°00'04"E from DOT control point #210 to DOT control point #211.  
 #210 : 2 1/2" Aluminum cap on drive rod located off back sidewalk on the westerly side of Indian River Road at it's junction with Sawmill Creek Road.

SIT00-Grid N 302491.1803' E 508501.2991  
 AKSPC N 1910499.3818' E 2356570.6268'

#211 : 2 1/2" Aluminum cap on drive rod located in the shoulder on the northerly side of Indian River Road directly opposite Kaasda Heen Circle.

SIT00-Grid N 302748.2487' E 509207.6348'  
 AKSPC N 1910738.7669' E 2357283.1303'

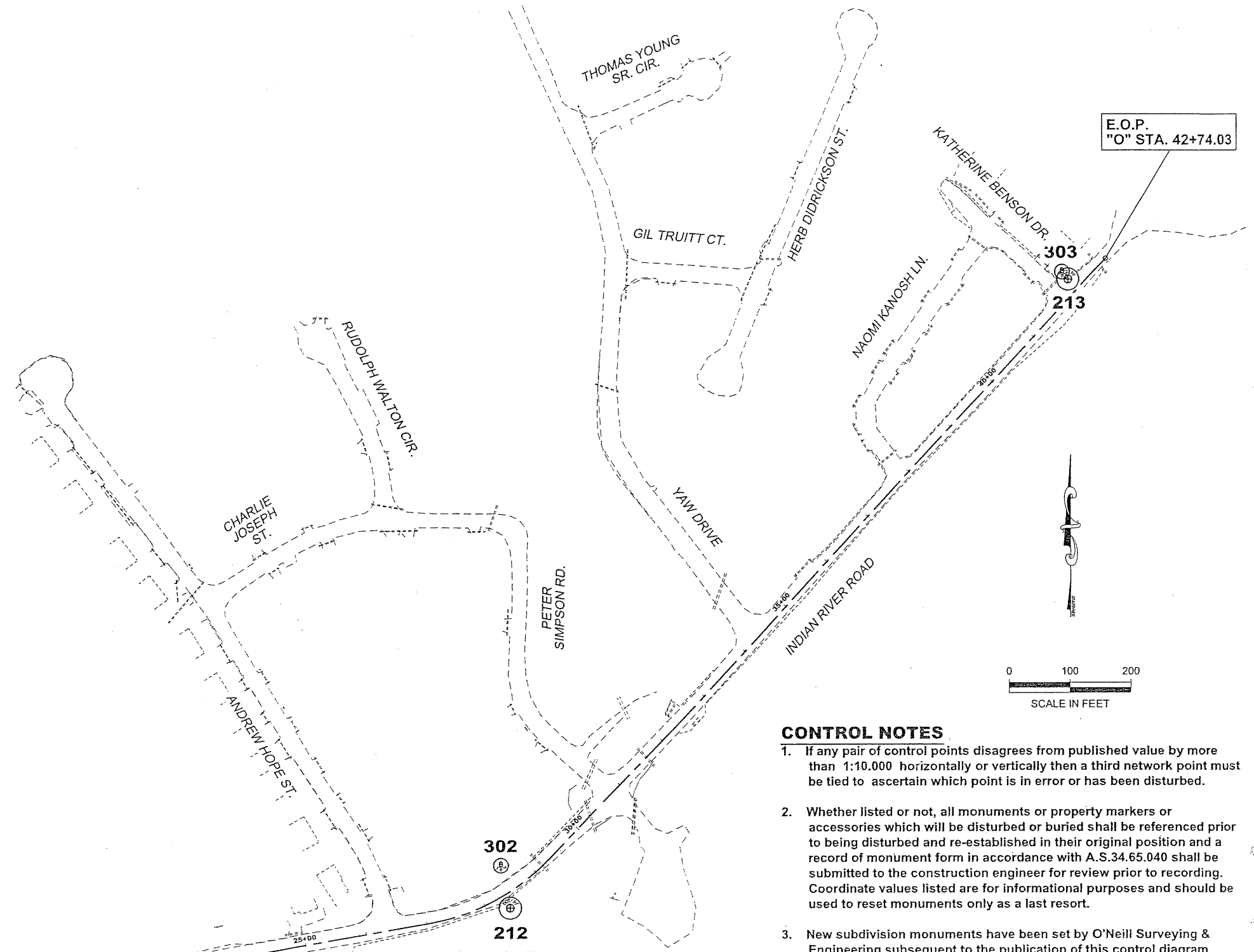
# VERTICAL CONTROL

MLLW based on NOAA tidal benchmark series 9451600. NOS monument BM-16 is the basis of vertical control. Electronic differential levels were run from BM-16 to the beginning of the project points SMC-3,4,&5. NOS Benchmark "No Stamping 1" was tied for a check along the way. NOS tidal elevation of BM-16 is 20.36' above MLLW on the 1960-1978 tidal epoch as published 10/31/1984.

Current tidal epoch 1983-2001 published 4/21/2003 shows BM16 at 0.21' higher than used for this project.

## Project Specific Basis of Vertical Control

DOT control point #211 has been established with an elevation of 66.22' above MLLW relative to BM-16.

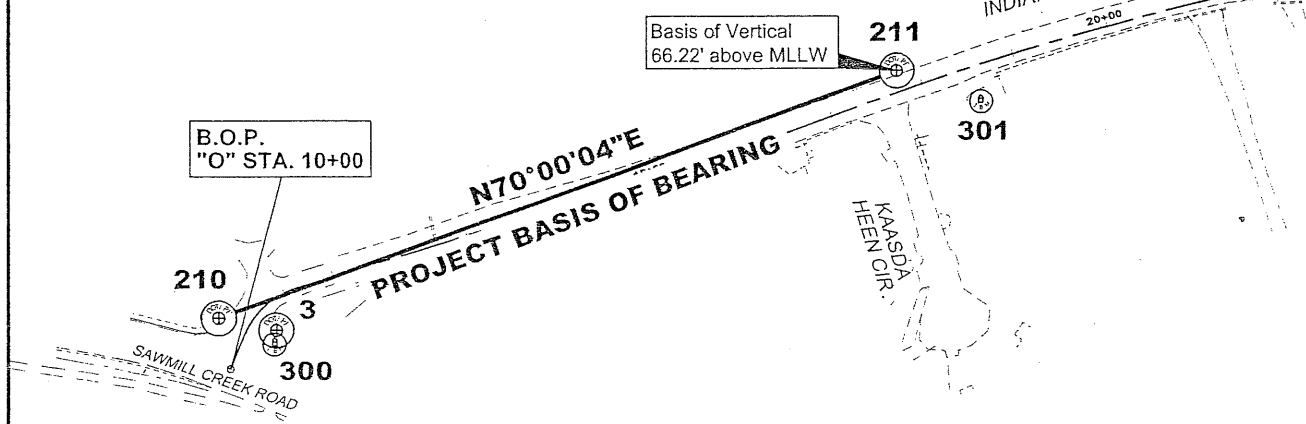


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neill* Date *2/18/11*

PRIMARY CONTROL MONUMENTS							
POINT	ALIGN	STATION	OFFSET	NORTH	EAST	ELEV	DESC
3	IRR	10+62.74	25.97 R	302478.5707	508560.2328	60.63	ALCTRL2"/REBAR_SMC-03
210	IRR	10+42.88	31.13 L	302491.1803	508501.2991	64.95	ALCTRL2.5"
211	IRR	17+79.46	21.37 L	302748.2487	509207.6348	66.22	ALCTRL2.5"
212	IRR	28+33.64	23.03 R	302958.1845	510247.5815	62.41	ALCTRL2.5"
213	IRR	42+07.30	22.24 R	303986.1985	511166.6548	72.10	ALCTRL2.5"
300	IRR	10+42.06	32.14 R	302463.7983	508558.3330	64.27	TBM_N.BOLT_FH
301	IRR	18+53.25	37.21 R	302716.0008	509296.0212	74.77	TBM_PK_IN_TP
302	IRR	28+59.85	43.60 L	303027.8366	510232.4607	66.53	TBM_MAG_IN_PP
303	IRR	42+09.56	37.49 L	303998.2265	511157.0151	71.64	TBM_NW_COR_EL-BX

## CONTROL NOTES

- If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.
- Whether listed or not, all monuments or property markers or accessories which will be disturbed or buried shall be referenced prior to being disturbed and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.
- New subdivision monuments have been set by O'Neill Surveying & Engineering subsequent to the publication of this control diagram.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: R. MURPHY

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**SURVEY CONTROL PLAN**

DESIGNED BY: T. REED  
 DRAWN BY: T.R./R.S.

PATH: Q:\SIT\69208\PLANSET\NOV. 08 BID\A2-3\_UPDATED NOV 08 BID.DWG  
 TAB: A2 Tuesday, November 25, 2008 11:07:37 AM CAIVANISZEK

NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			HPRM-0933(34) ~ 69208	2008	A2	63
			HPRL-0933(35) ~ 67733			

**PROPERTY MONUMENTS ADJACENT TO INDIAN RIVER ROAD**

POINT	ALIGN	STATION	OFFSET	NORTH	EAST	DESC
1025	IRR	42+07.82	28.14 L	303990.5855	511162.6830	ALSEC2" L10
1026	IRR	N/A	N/A	304064.8041	511231.6268	ALPRIM2.5" L1_S3695
1027	IRR	N/A	N/A	304030.4113	511267.8705	ALPRIM2.5" S3695
1028	IRR	41+57.69	28.14 L	303953.8358	511128.5879	ALSEC2" L11
1029	IRR	38+15.45	27.88 L	303702.7875	510895.9991	ALSEC2" L14
1036	IRR	36+62.98	28.10 L	303591.1684	510792.1343	ALSEC2"
1037	IRR	25+81.47	32.67 L	302943.4984	509988.5310	ALSEC1.5" L1_B1
1047	IRR	30+22.48	35.68 L	303129.6212	510348.8385	ALSEC1.5" L14B3_ROW_3337-S
1048	IRR	18+89.36	43.30 R	302720.9769	509331.8972	ALSEC1.5" L1/LA_ROW_3337-5
1049	IRR	17+83.72	143.72 R	302593.5411	509265.3995	ALPRIM3.5" L1/L2_ROW_12C56200
1050	IRR	16+33.92	50.63 R	302630.4985	509095.4846	ALSEC1.5"L3_C56304
1051	IRR	21+09.34	35.55 L	302855.6911	509522.5044	ALPRIM2.75" FR5407TRB_ROW_5136E
1052	IRR	21+13.40	216.70 R	302611.5756	509586.1530	ALSEC1.5" L1/L2_3337-S
1053	IRR	20+88.26	42.64 R	302774.7318	509520.8677	ALSEC1.5" 1_ROW
1054	IRR	30+69.06	25.53 R	303120.8041	510425.2475	BLM BC3" L2C1/L4C4_S407_TR3
1055	IRR	31+37.60	220.06 R	303035.4448	510613.0084	BLM BC3" MC3695_L2C6/L3C1/L4C5
1056	IRR	39+22.21	28.20 L	303781.2633	510968.3834	ALSEC2" L14/L12_ROW
1060	IRR	39+21.97	53.93 R	303724.3533	511027.6122	BC3" S3896_L2/L3C2
1073	IRR	15+30.66	46.28 R	302600.4177	508994.2499	ALSEC1.5" 6304-S
1074	IRR	17+34.77	49.27 R	302666.8355	509189.1306	ALSEC1.5" LOT-A/ROW
1075	IRR	17+35.54	49.70 R	302666.6802	509189.9899	ALSEC1.5" 6304-S
1076	IRR	17+86.37	44.49 R	302688.2197	509235.5885	ALSEC1.5" 6304-S
1077	IRR	18+37.83	42.89 R	302705.8916	509283.2714	ALSEC1.5" 6304-S
1078	IRR	18+90.32	277.32 L	303027.4252	509237.6080	ALSEC2" C10
1079	IRR	24+73.59	31.06 L	302922.8547	509882.6305	ALPRIM3.25" S407/L1B1
1080	IRR	26+07.81	58.43 L	302973.4999	510009.9084	ALPRIM3.25" L1B1/ROW
1081	IRR	26+81.49	33.11 L	302961.5933	510086.9013	ALSEC1.5" L16B3/ROW
1082	IRR	27+95.51	26.90 L	302984.5206	510190.7588	REBAR_BENT_TIED@BASE
1083	IRR	29+23.53	35.59 L	303058.4018	510280.5184	ALSEC1.5" L15/L14/ROW
1084	IRR	14+48.17	290.26 L	302898.0826	508816.9044	ALSEC2" C11_L3
1085	IRR	27+05.78	242.93 R	302694.1816	510159.5616	BC2.5" S407/C3_TR-4A2/WC_TR4A_LEANING
1087	IRR	10+56.61	43.17 R	302465.4217	508571.8879	ALSEC1.5" L3/ROW
1088	IRR	12+68.54	51.57 R	302518.7568	508744.5624	ALSEC1.5"
1089	IRR	16+14.15	49.66 R	302624.4932	509076.1480	ALSEC1.5"
1090	IRR	27+10.74	361.75 R	302578.9396	510189.8860	ALPRIM_NO_DESC

**PROPERTY MONUMENTS ADJACENT TO CHARLIE JOSEPH ST. & PETER SIMPSON RD.**

POINT	ALIGN	STATION	OFFSET	NORTH	EAST	ELEV	DESC
1042	CJ&PS	46+84.97	39.09 R	303634.2371	510065.5414	90.35	ALSEC1.5" L12_B2
1043	CJ&PS	46+97.50	33.21 L	303561.8106	510053.7715	89.31	ALSEC1.5" L9_LB_B3
1044	CJ&PS	45+43.12	20.45 R	303613.8953	510207.3929	76.02	ALSEC1.5" L12_B2
1045	CJ&PS	45+41.20	29.40 L	303564.0241	510208.7117	77.94	ALSEC1.5" L10_B3
1046	CJ&PS	42+68.81	32.75 L	303353.6569	510226.3623	72.74	ALSEC1.5" L12_L11_B3

**PROPERTY MONUMENTS ADJACENT TO ANDREW HOPE ST.**

POINT	ALIGN	STATION	OFFSET	NORTH	EAST	DESC
241	AH	39+89.25	274.11 R	303919.5787	509745.8092	ALSEC2.25" 407_L6_B2
1038	AH	35+69.63	25.38 R	303430.6694	509797.1322	ALSEC1.5" L6_B3
1039	AH	36+65.09	25.27 R	303510.9460	509741.7121	ALSEC1.5" L1_B2
1040	AH	36+50.15	22.99 R	303657.4911	509628.6780	ALSEC1.5" L13_B2
1041	AH	39+96.14	28.87 L	303743.0127	509499.5024	ALSEC1.5" MC_20.0
1071	AH	41+10.88	29.41 L	303834.4151	509430.1270	ALPRIM3.5" S407_L11B1_ROW_3337
1072	AH	41+09.21	166.55 L	303750.6972	509321.4943	ALPRIM3.5" S407_L11B1_407_3337

**PROPERTY MONUMENTS ADJACENT TO HERB DIDRICKSON ST.**

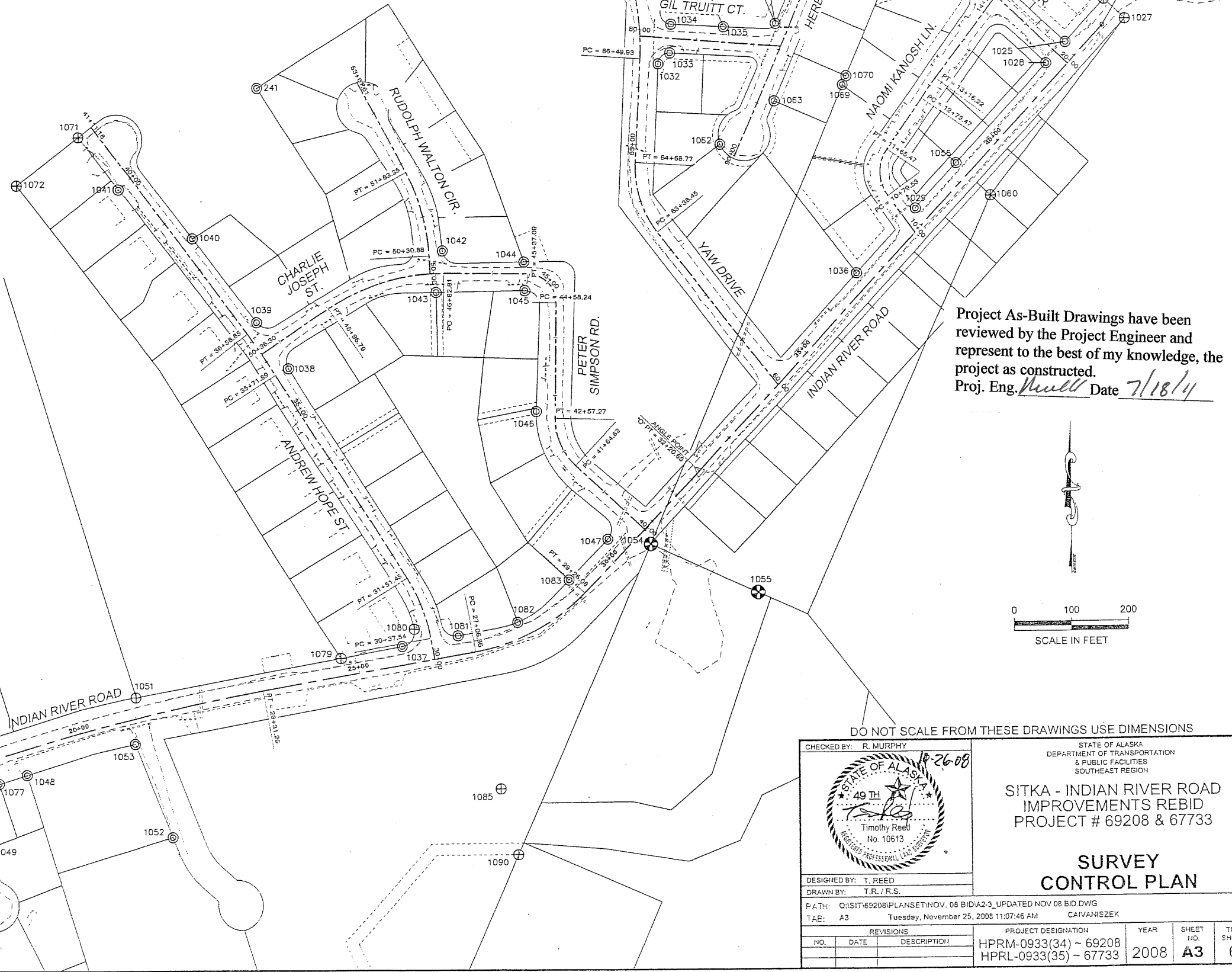
POINT	ALIGN	STATION	OFFSET	NORTH	EAST	DESC
1035	HD	92+00.05	104.09 L	304021.8296	510565.0954	ALSEC1.5"
1058	HD	96+35.75	126.47 R	304330.0399	510949.7995	ALPRIM2.5" 8851S_7
1061	HD	92+40.21	23.87 L	304026.8113	510654.6661	ALSEC2" LS6304
1062	HD	90+08.74	31.35 L	303817.3659	510555.8220	ALSEC2" LS6304
1063	HD	91+14.85	26.05 R	303891.9327	510650.6644	ALSEC2" LS6304
1064	HD	95+34.81	23.56 L	304297.0263	510772.0090	ALSEC2" LS6304
1065	HD	95+64.71	26.38 R	304304.6248	510829.7245	ALSEC1.5"?
1066	HD	N/A	N/A	304439.2838	510833.7386	ALSEC2" LS6304
1069	HD	91+87.88	126.13 R	303919.1828	510771.5204	ALSEC2" LS88851_4/3
1070	HD	92+04.79	126.15 R	303934.6931	510778.2611	ALSEC1.5" LS6304

**PROPERTY MONUMENTS ADJACENT TO KATHERINE BENSON DR.**

POINT	ALIGN	STATION	OFFSET	NORTH	EAST	DESC
1030	KB	22+64.50	40.96 L	304106.2073	510946.7471	ALSEC2" L6

**PROPERTY MONUMENTS ADJACENT TO YAW DR.**

POINT	ALIGN	STATION	OFFSET	NORTH	EAST	DESC
1031	YAW	N/A	N/A	304349.2481	510332.6551	ALPRIM3" LS6304
1032	YAW	66+42.69	32.26 R	303958.0880	510448.1415	ALSEC1.5"
1033	YAW	66+61.42	52.25 R	303976.9542	510469.1687	ALSEC1.5"
1034	YAW	67+05.71	55.83 R	304026.8405	510471.9181	ALSEC1.5"



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
IMPROVEMENTS REBID  
PROJECT # 69208 & 67733

**SURVEY CONTROL PLAN**

DESIGNED BY: T. REED  
DRAWN BY: T.R. / R.S.

PROJECT DESIGNATION: HPRM-0933(34) - 69208  
HPRL-0933(35) - 67733

YEAR: 2008  
SHEET NO.: A3  
TOTAL SHEETS: 63

REVISIONS:

NO.	DATE	DESCRIPTION

Checked by: R. MURPHY  
State of Alaska Seal: 49th Timothy Reed No. 10613 Registered Professional Land Surveyor

"O" LINE ALIGNMENT TABLE										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
BOP	10+00.00	302438.14	508513.50	N 21° 38' 39" E	37.63					
PC	10+37.63	302473.12	508527.38			302441.77	508606.39	85 RT	76.30	51° 28' 50"
PT	11+13.93	302523.09	508581.64	N 73° 04' 30" E	392.04					
PC	15+05.97	302637.22	508956.70			304746.71	508314.78	2205 LT	155.22	04° 02' 00"
PRC	16+51.19	302687.59	509103.49			299363.12	510376.86	3560 RT	670.07	10° 47' 03"
PT	23+31.26	302867.14	509748.03	N 79° 49' 33" E	375.10					
PC	27+06.36	302933.40	510117.22			303277.89	510055.40	350 LT	219.72	35° 58' 08"
PT	29+26.08	303035.39	510307.77	N 43° 51' 24" E	294.57					
ANGLE PT	32+20.65	303247.80	510511.87	N 42° 51' 24" E	1053.39					
EOP	42+74.03	304019.99	511228.35							

"GT" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	80+00.00	304006.87	510417.01	S 85° 25' 40" E	247.29					
EOP	82+47.28	303987.16	510663.51							

"HD" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	90+00.00	303796.89	510581.12	N 23° 24' 46" E	664.64					
EOP	96+64.64	304406.81	510845.22							

"KH" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	20+00.00	302721.81	509196.75	S 18° 17' 19" E	287.43					
EOP	22+87.43	302448.89	509286.95							

"NK" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	10+00.00	303660.62	510894.91	N 35° 33' 35" W	79.53					
PC	10+79.53	303725.32	510848.66			303766.03	510905.60	70 RT	85.94	70° 20' 40"
PT	11+65.47	303805.96	510848.11	N 34° 47' 04" E	108.00					
PC	12+73.47	303894.66	510909.72			303324.17	511731.03	1000 RT	42.75	02° 26' 57"
PT	13+16.22	303929.24	510934.85	N 37° 14' 02" E	178.25					
EOP	14+94.47	304071.16	511042.71							

"AH" LINE ALIGNMENT TABLE										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	30+00.00	302920.59	510045.87	N 10° 22' 38" W	37.64					
PC	30+37.54	302957.52	510039.11			302903.48	509744.02	300 LT	113.91	21° 45' 19"
PT	31+51.45	303063.05	509998.06	N 32° 07' 57" W	420.44					
PC	35+71.89	303419.08	509774.44			302889.82	508925.98	1000 LT	86.95	04° 58' 55"
PT	36+58.84	303490.77	509725.27	N 36° 56' 15" W	452.31					
EOP	41+11.16	303852.30	509453.45							

"KB" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	20+00.00	303953.10	511166.28	N 46° 18' 15" W	291.71					
EOP	22+91.70	304154.62	510955.37							

"P&C" LINE ALIGNMENT TABLE										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	40+00.00	303146.75	510414.77	N 47° 06' 35" W	164.82					
PC	41+64.82	303258.93	510294.02			303339.52	510368.88	110 RT	92.45	48° 09' 15"
PT	42+57.27	303341.53	510258.90	N 01° 02' 40" E	200.97					
PC	44+58.24	303542.46	510262.56			303543.37	510212.57	50 LT	78.85	90° 21' 03"
PT	45+37.08	303593.37	510213.18	N 89° 18' 23" W	145.72					
PC	46+82.80	303595.13	510067.47			303245.16	510063.23	350 LT	213.99	35° 01' 47"
PT	48+96.79	303534.17	509865.81	S 55° 39' 49" W	139.50					
EOP	50+36.29	303455.48	509750.62							

NIC = NOT IN CONTRACT

\* all Nic Items added in Supplemental Agreement #1

"RW" LINE ALIGNMENT TABLE										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	50+00.00	303594.62	510043.88	N 02° 55' 32" W	30.88					
PC	50+30.88	303625.46	510042.30			303607.60	509692.76	350 LT	152.46	24° 57' 30"
PT	51+83.34	303771.29	510002.12	N 27° 53' 02" W	178.27					
EOP	53+61.61	303928.86	509918.75							

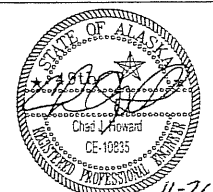
"Y" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	60+00.00	303397.81	510651.06	N 37° 56' 48" W	338.45					
PC	63+38.45	303664.71	510442.94			303775.40	510584.88	180 RT	130.32	41° 28' 54"
PT	64+68.77	303786.49	510405.22	N 03° 32' 06" E	181.16					
PC	66+49.92	303967.30	510416.39			303993.82	509987.21	430 LT	225.85	30° 05' 38"
PT	68+75.77	304186.08	510371.84	N 26° 33' 32" W	139.66					
EOP	70+15.43	304311.00	510309.39							

"TY" LINE ALIGNMENT TABLE (NIC)										
POINT DATA				TANGENT DATA		CURVE DATA				
DESC	STATION	NORTHING	EASTING	BEARING	DISTANCE	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	Δ
	70+00.00	304220.33	510354.72	N 66° 36' 44" E	267.14					
EOP	72+67.13	304326.37	510699.91							

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neill* Date *7/18/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK  
 DRAWN BY: T.R./N.G.

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733

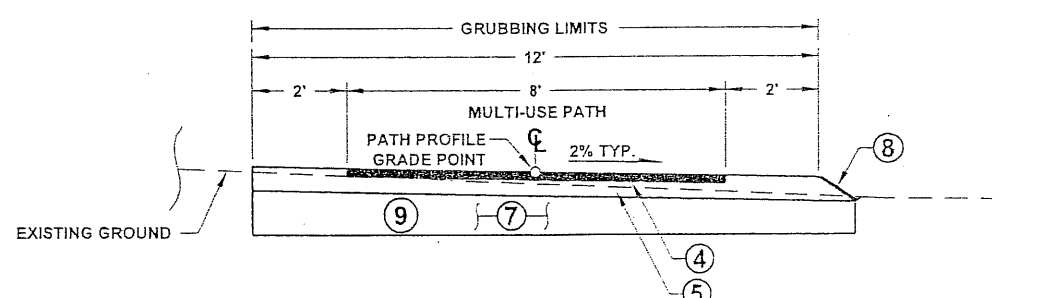
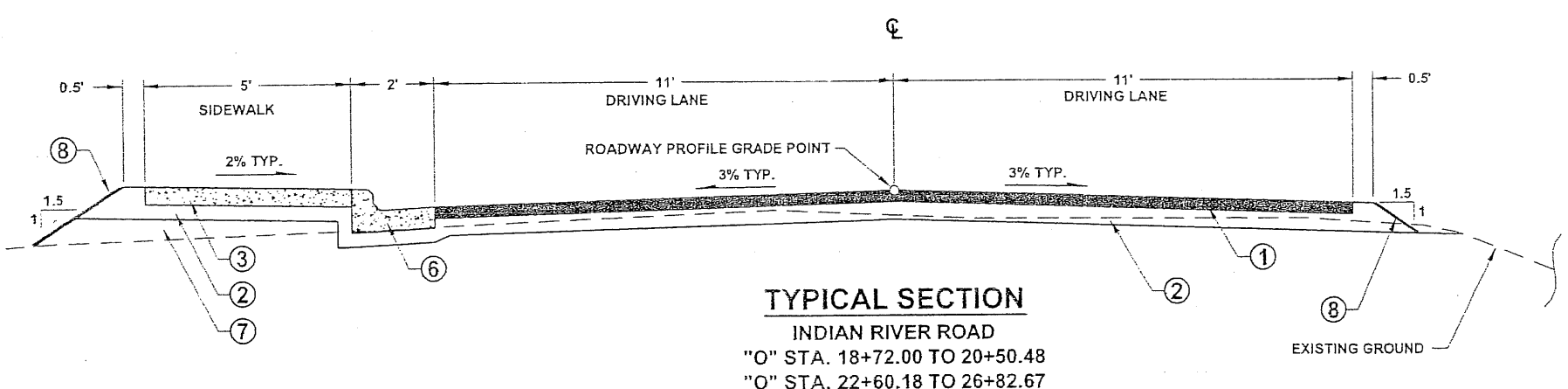
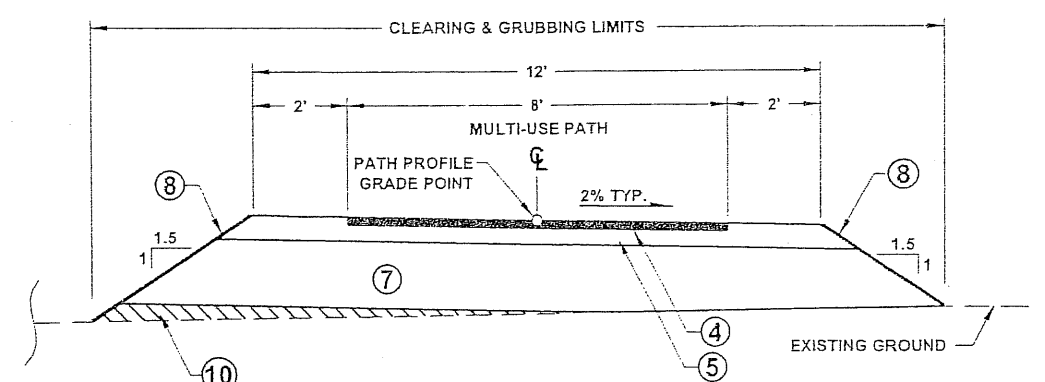
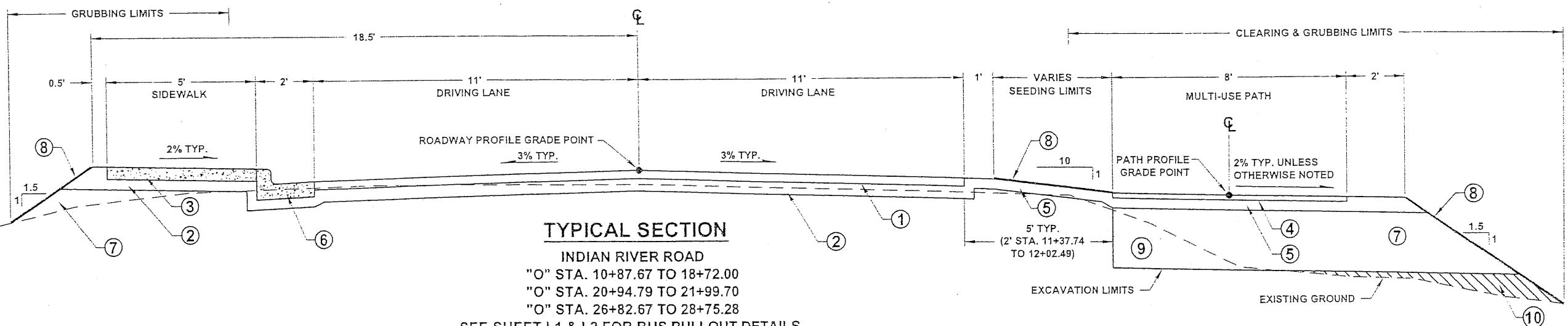
PROJECT ALIGNMENT TABLES

11-26-08

PATH: Q:\SIT69208\PLANSET\NOV. 08 BID\A4-5\_UPDATED NOV 08 BID.DWG  
 TAB: A4 Wednesday, November 26, 2008 12:00:25 PM C:\IVANISZEK

NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			HPRM-0933(34) ~ 69208	2008	A4	63
			HPRL-0933(35) ~ 67733			



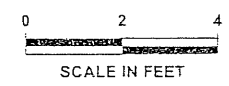
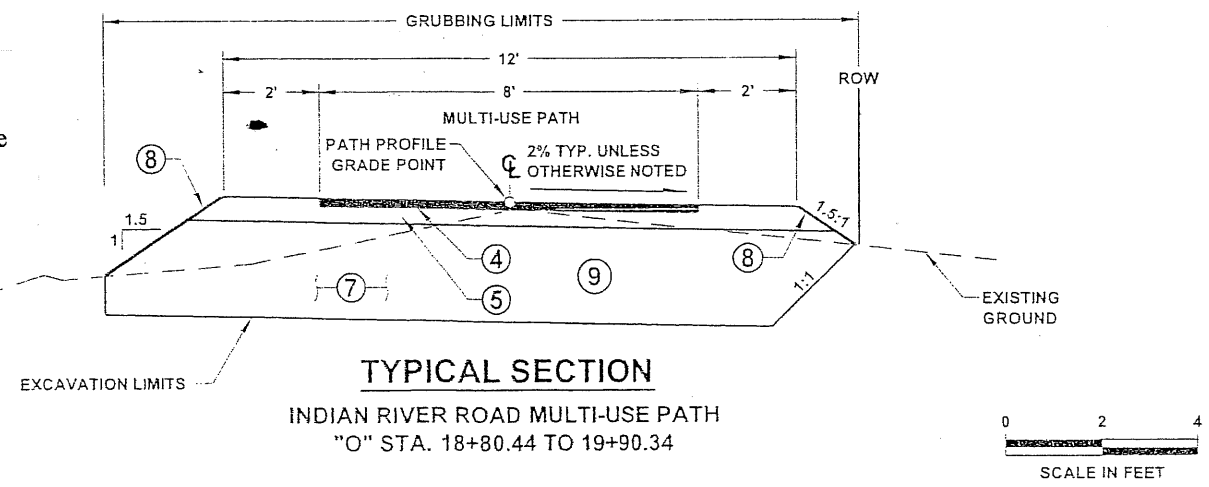


- TYPICAL SECTION NOTES:**
1. RECONDITION EXISTING SURFACE OF INDIAN RIVER ROAD ACCORDING TO SECTION 303.
  2. RECONDITION LOCATIONS ON SUBDIVISION STREETS AS DIRECTED BY ENGINEER.
  3. EXCAVATION REQUIREMENT FOR 24 INCHES OF BORROW, TYPE A, MAY NOT BE NECESSARY WHEN CONSTRUCTING ON EXISTING ROADBED.

**LEGEND**

①	3" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B
②	5" AGGREGATE BASE COURSE, GRADING D-1
③	4" CONCRETE SIDEWALK
④	2" ASPHALT SIDEWALK
⑤	4" AGGREGATE BASE COURSE, GRADING D-1
⑥	STANDARD CURB & GUTTER
⑦	24" BORROW MEETING SELECTED MATERIAL, TYPE A. (SEE NOTE 3).
⑧	3" TOPSOIL & SEEDING
⑨	UNCLASSIFIED EXCAVATION
⑩	USABLE EXCAVATION OR BORROW, TYPE C

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Howell* Date *7/18/11*

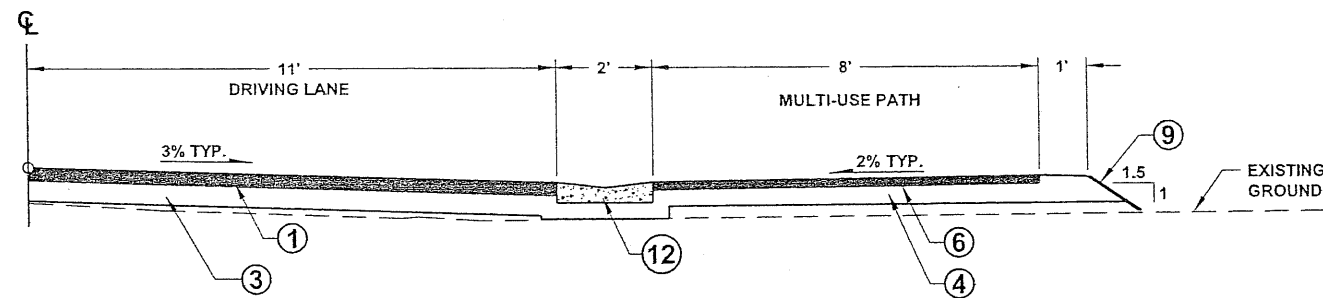


DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

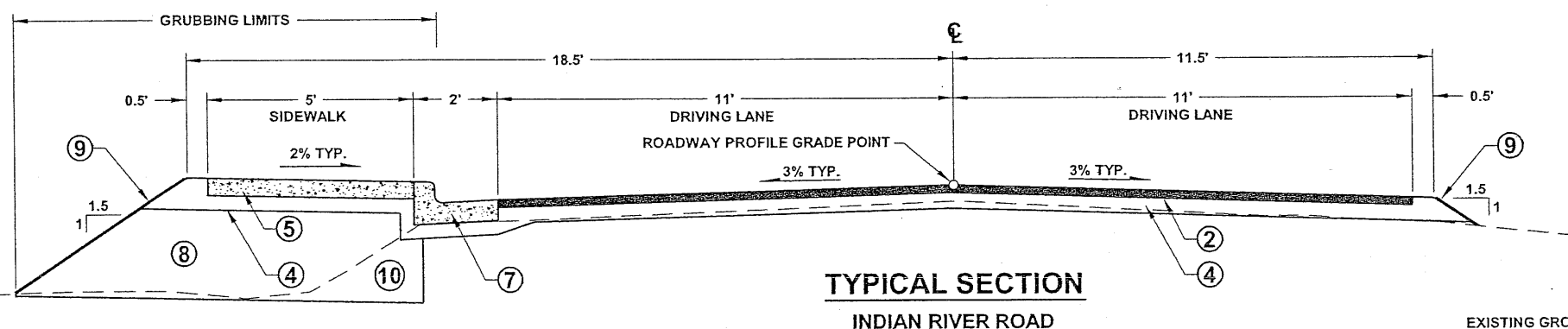
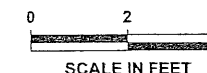
CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANISZEK		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
DRAWN BY: R. SNYDER		TYPICAL SECTIONS	
PATH: Q:\SIT\69208\PLANS\SET\NOV_08 BID\B1-2_UPDATED NOV_08 BID.DWG		PROJECT DESIGNATION	
TAB: B1 Tuesday, November 25, 2008 2:46:21 PM		YEAR	
REVISIONS		SHEET NO.	
NO.	DATE	DESCRIPTION	TOTAL SHEETS
		HPRM-0933(34) - 69208 HPRL-0933(35) - 67733	2008 <b>B1</b> 63

**LEGEND**

- ① 3" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B
- ② 2 1/4" ASPHALT CONCRETE PAVEMENT, TYPE II CLASS B
- ③ 5" AGGREGATE BASE COURSE, GRADING D-1
- ④ 4" AGGREGATE BASE COURSE, GRADING D-1
- ⑤ 4" CONCRETE SIDEWALK
- ⑥ 2" ASPHALT SIDEWALK
- ⑦ STANDARD CURB AND GUTTER
- ⑧ 24" BORROW MEETING SELECTED MATERIAL, TYPE A. (SEE NOTE 3 - SHEET B1)
- ⑨ 3" TOPSOIL & SEEDING
- ⑩ UNCLASSIFIED EXCAVATION
- ⑪ USABLE EXCAVATION OR BORROW, TYPE C
- ⑫ VALLEY GUTTER

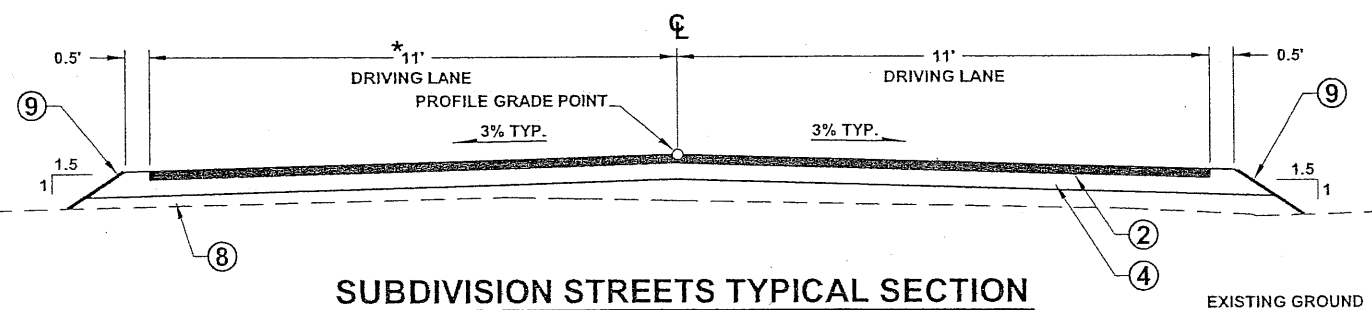


**TYPICAL SECTION**  
**INDIAN RIVER ROAD MULTI-USE PATH**  
 "O" STA. 31+13.00 TO 34+54.62



**TYPICAL SECTION**  
**INDIAN RIVER ROAD**  
 "O" STA. 34+63.00 TO E.O.P.

\* NOTE:  
 DO NOT CONSTRUCT SIDEWALK FROM  
 "O" STA. 42+03.15 TO E.O.P.



**SUBDIVISION STREETS TYPICAL SECTION**  
 B.O.P. TO E.O.P.

\* FOR BASIC BID B, ADDITIVE ALTERNATES B1 & B2

**\*NOTES:**

- 1. TYPICAL LANE WIDTH IS 11'. IN CASES WHERE LANE WIDTH IS NARROWER, MATCH EXISTING WIDTH.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neil G* Date *7/18/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

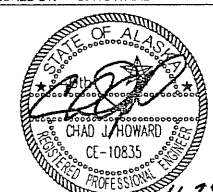
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>SITKA - INDIAN RIVER ROAD                  IMPROVEMENTS REBID                  PROJECT # 69208 &amp; 67733</b>
<b>TYPICAL SECTIONS</b>	
CHECKED BY: C. HOWARD DESIGNED BY: C. IVANISZEK DRAWN BY: R. SNYDER PATH: Q:\SIT169208\PLANSET\NOV. 08 BID\B1-2_UPDATED NOV 08 BID.DWG TAB: B2 Tuesday, November 25, 2008 2:46:47 PM CAIVANISZEK	PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733
REVISIONS NO. DATE DESCRIPTION	YEAR 2008
SHEET NO. B2	TOTAL SHEETS 63

ESTIMATE OF QUANTITIES - BASIC BID A				
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY	Actual
201 (3b)a	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED	1
202 (4)a	REMOVAL OF CULVERT PIPE	LINEAR FOOT	127	156
202 (13)a	RELOCATE MULTIPLE MAIL BOX	EACH	2	2
203 (3)a	UNCLASSIFIED EXCAVATION	CUBIC YARD	381	1,504.7
203 (6a)a	BORROW, TYPE A	TON	4,500	3,864.2
203 (6c)a	BORROW, TYPE C	TON	1680	1,250.9
301 (1)a	AGGREGATE BASE COURSE, GRADING D-1	TON	3,135	4,031.1
303(1)a	RECONDITIONING	STATION	31	23
401 (1)a	ASPHALT CONCRETE, TYPE II; CLASS B	TON	1,234	1,327.3
401 (2)a	ASPHALT CEMENT, GRADE PG 58-28	TON	74	84.4
401 (6)a	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0
507 (2)a	PEDESTRIAN RAILING	LINEAR FOOT	173	173
511 (1)a	MECHANICALLY STABILIZED EARTH WALL	SQUARE FOOT	1,370	1,544.0
514 (1)a	ROCKERY WALL	SQUARE FOOT	938	746
603(1) -12a	12 INCH CSP	LINEAR FOOT	36	36
603 (1)-24a	24 INCH CSP	LINEAR FOOT	4	4
603 (1)-30a	30 INCH CSP	LINEAR FOOT	11	11
603(21)-12a	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	65	65
603 (21)-18a	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	315	323
603 (21)-24a	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	74	74
604 (3)a	RECONSTRUCT EXISTING MANHOLE	EACH	8	6
604 (4)a	ADJUST EXISTING MANHOLE	EACH	3	4
604 (5)a	INLET, TYPE A	EACH	3	3
604 (8)a	SCUPPER	EACH	10	10
608 (1a)a	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	1,412	1,483
608 (1b)a	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	41	27.8
608 (3)a	ASPHALT SIDEWALK	SQUARE YARD	2,060	2,020
608 (6)a	CURB RAMP	EACH	10	12
609 (2)a	CURB AND GUTTER, TYPE 1	LINEAR FOOT	3,407	3,113
611 (1)a	RIPRAP, CLASS I	CUBIC YARD	103	98.60
615 (1)a	STANDARD SIGN	SQUARE FOOT	133	125
618 (1)a	SEEDING	ACRE	0.8	.57
620 (1)a	TOPSOIL	SQUARE YARD	3,775	1,059
627(10)a	ADJUSTMENT OF VALVE BOX	EACH	9	25
633 (1)a	SILT FENCE	LINEAR FOOT	1,704	1,748
635 (2)a	INSULATION BOARD	SQUARE FOOT	256	0
639 (1)a	RESIDENCE DRIVEWAY	EACH	6	4
640 (1)a	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	1
640 (4)a	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	1
641 (1)a	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	1
641 (2)a	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED	0
641 (5)a	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0
641 (7)a	TEMPORARY SEEDING	LUMP SUM	ALL REQUIRED	0
641 (8)a	INLET PROTECTION	EACH	12	6
641 (9)a	ROCK CHECK DAM	EACH	7	5
642 (1)a	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	1
642(3)a	THREE PERSON SURVEY PARTY	HOURLY	17	0
643 (2)a	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	1
643 (3)a	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	1
643 (15)a	FLAGGING	CONTINGENT SUM	ALL REQUIRED	\$64,728
643 (25)a	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	\$18,638
645(1)a	TRAINING PROGRAM, 1 TRAINEES/APPRENTICES	HOURLY	338	-33.8
646(1)a	CPM SCHEDULING	LUMP SUM	ALL REQUIRED	1
648 (1)a	ARCHAEOLOGICAL MONITOR	HOURLY	120	250
670 (1)a	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	1

ESTIMATE OF QUANTITIES - BASIC BID B				
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY	Actual
203(3)b	UNCLASSIFIED EXCAVATION	CUBIC YARD	69	0
203 (6A)b	BORROW, TYPE A	TON	83	387
301 (1)b	AGGREGATE BASE COURSE, GRADING D-1	TON	419	577.4
303(1)b	RECONDITIONING	6	STATION	9
401 (1)b	ASPHALT CONCRETE, TYPE II; CLASS B	TON	623	591
401 (2)b	ASPHALT CEMENT, GRADE PG 58-28	TON	37	35
604 (3)b	RECONSTRUCT EXISTING MANHOLE	EACH	3	3
604 (4)b	ADJUST EXISTING MANHOLE	EACH	2	3
615(1)b	STANDARD SIGN	SQUARE FOOT	32	31.9
626(3)b	REMOVE AND REPLACE SANITARY SEWER CLEANOUT	EACH	2	2
627(10)b	ADJUSTMENT OF VALVE BOX	EACH	7	5
639 (1)b	RESIDENCE DRIVEWAY	EACH	22	15
640 (1)b	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	1
640 (4)b	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	1
641(1)b	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	1
641(2)b	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED	0
641 (5)b	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0
641(9)b	ROCK CHECK DAM	EACH	1	1
642 (1)b	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	1
643 (2)b	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	1
643(3)b	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	1
643 (15)b	FLAGGING	CONTINGENT SUM	ALL REQUIRED	\$697
643(25)b	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	\$421

BASIS OF ESTIMATE		
Item No.	Item	Estimating Factor
203 (6)	Borrow, Type A	1.85 Ton/C.Y.
301 (1)	Aggregate Base Course, Grading D1	1.95 Ton/C.Y.
401 (1)	Asphalt Concrete, Type II; Class B	117 Lbs./S.Y./In.
401 (2)	Asphalt Cement, Grade PG 58-28	6.0% of Item 401(1)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION			
DESIGNED BY: C. IVANIZEK DRAWN BY: R. SNYDER		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733			
PATH: Q:\SIT\69208\PLANSET\NOV. 08 BID\C1-2_UPDATED NOV 08 BID.DWG TAB: C1 Tuesday, November 25, 2008 11:21:39 AM CAIVANISZEK		<b>ESTIMATE OF QUANTITIES</b>			
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733	YEAR 2008	SHEET NO. <b>C1</b>	TOTAL SHEETS 63



New Items Established By Supplemental Agreement #1

Item Number	Pay Item	Pay Unit	Unit Price	Estimated Quantity	Actual Quantity
203(3)c	Unclassified Ex	Cubic Yard	16.00	265	132.2
203(6A)c	Borrow, Type A	Ton	19.00	584	379.4
301(1)c	Base Course D-1	Ton	36.00	1145	1255.05
401(1)c	Asphalt Concrete, Type II; Class B	Ton	150.00	1283	1231.6
401(2)c	Asphalt Cement, Grade PG 58-28	Ton	1,200.00	77	76.7
604(3)c	Reconstruct Existing Manhole	Each	2,500.00	12	7
604(8)c	Scupper	Each	2,000.00	4	3
608(1A)c	Concrete Sidewalk, 4 Inches Thick	SY	65.00	583	399.10
608(6)c	Curb Ramp	Each	1,000.00	5	2
609(2)c	Curb and Gutter, Type Standard	Linear Foot	22.00	1050	815.5
611(1)c	Rip Rap, Class 1	Cubic Yard	50.00	50	5.05
615(1)c	Standard Sign	Square Foot	75.00	50	49.8
626(3)c	Remove & Replace Sanitary Sewer Cleanout	Each	1,500.00	1	1
626(4)c	Adjust Sanitary Sewer Cleanout	Each	1,500.00	5	4
627(10)c	Adjustment of Valve Box	Each	400.00	35	19
639(1)c	Residence Driveway	Each	1,200.00	35	0
640(1)c	Mob / Demob	Lump Sum	69,800.00	All Required	1
641(1)c	Erosion, Sediment & Poll.Control Admin.	Lump Sum	5,000.00	All Required	1
641(2)c	Temp. Erosion, Sediment & Pollution Control	Cont. Sum	15,000.00	All Required	0
641(5)c	Erosion, Sediment & Poll. Control Price Adj.	Cont. Sum	0.00	All Required	0
641(7)c	Temporary Seeding	Lump Sum	2,000.00	All Required	0
641(8)c	Inlet Protection	Each	200.00	3	0
641(9)c	Rock Check Dam	Each	250.00	2	0
642(1)c	Construction Surveying	Lump Sum	23,000.00	All Required	1
642(3)c	Three Person Survey Party	Cont. Sum	1,500.00	All Required	0
643(2)c	Traffic Maintenance	Lump Sum	8,200.00	All Required	1
643(3)c	Permanent Construction Signs	Lump Sum	2,000.00	All Required	0
643(15)c	Flagging	Cont. Sum	11,000.00	All Required	\$ 8,333.25
643(25)c	Traffic Control	Cont. Sum	4,000.00	All Required	\$ 870.0

P-67733/69208/69299 - Base Bid A- New Items established by Change Order

Item Number	Item Description	Pay Unit	Unit Price	Estimated Quantity	Actual Quantity
511(2)a	Log Weirs- CO#2	LS	\$4,555.74	1	1
675(a)	Bus Shelters- CO#3	LS	\$5,563.06	1	1
511(2)	MSE Wall Handrail-CO#4	LS	\$4,270.39	1	1
603(22)	Culvert Modifications-CO#4	LS	\$5,039.05	1	1
604(9)a	Manhole Price Adjust-CO#5	Each	\$1,200.00	2	2

P-68836 Base Bid B- New Items established by Change Order

Item Number	Item Description	Pay Unit	Unit Price	Estimated Quantity	Actual Quantity
202(4)b	Removal of Culvert-CO#1	L.F.	\$20.00	290	290
604(5)b	Inlet Type A-CO#1	Each	\$2,000.00	2	2
608(1a)b	4" Sidewalk- CO#1	S.F.	\$65.00	408	408.3
608(1b)b	6" Sidewalk- CO#1	S.F.	\$70.00	182	182.8
609(2)b	Curb & Gutter Type 1 -CO#1	L.F.	\$22.00	1064	1064.0
642(3)b	3 Man Survey Party CO#1	Hr	\$200.00	8	8
643(15)bo	Flagging- CO#1	Hr	\$53.00	15	15
604(5)b	Manhole Price Adjust- CO#5	Each	-\$1,700.00	1	1

Supplemental Agreement 1- New Items established by Change Order

Item Number	Item Description	Pay Unit	Unit Price	Estimated Quantity	Actual Quantity
604(9)c	Manhole Price Adjust- CO#5	Each	-1700	3	3

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. Neill Date 7/18/11

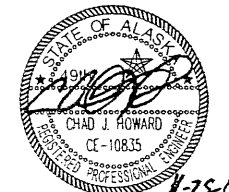
C-1A

ESTIMATE OF QUANTITIES - ADDITIVE ALTERNATE B1				
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY	
203 (3)b1	UNCLASSIFIED EXCAVATION	CUBIC YARD	39	0
203 (6A)b1	BORROW, TYPE A	TON	17	14.5
301 (1)b1	AGGREGATE BASE COURSE, GRADING D-1	TON	148	287.7
303(1)b1	RECONDITIONING	STATION	0.5	4.5
401 (1)b1	ASPHALT CONCRETE, TYPE II; CLASS B	TON	225	200.8
401 (2)b1	ASPHALT CEMENT, GRADE PG 58-28	TON	14	12.85
604 (4)b1	ADJUST EXISTING MANHOLE	EACH	1	1
626(3)b1	REMOVE AND REPLACE SANITARY SEWER CLEANOUT	EACH	1	1
627(10)b1	ADJUSTMENT OF VALVE BOX	EACH	1	0
639 (1)b1	RESIDENCE DRIVEWAY	EACH	7	1
640 (1)b1	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	1
640 (4)b1	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	1
641(1)b1	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	1
641(2)b1	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED	0
641 (5)b1	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0
642 (1)b1	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	1
643 (2)b1	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	1
643(3)b1	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	0
643 (15)b1	FLAGGING	CONTINGENT SUM	ALL REQUIRED	\$ 328.0
643(25)b1	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	\$ 386.50

ESTIMATE OF QUANTITIES - ADDITIVE ALTERNATE B2				
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY	Actual
203 (3)b2	UNCLASSIFIED EXCAVATION	CUBIC YARD	32	0
203 (6A)b2	BORROW, TYPE A	TON	2.5	0
301 (1)b2	AGGREGATE BASE COURSE, GRADING D-1	TON	68	0
303(1)b2	RECONDITIONING	STATION	0.5	0.5
401 (1)b2	ASPHALT CONCRETE, TYPE II; CLASS B	TON	159	150
401 (2)b2	ASPHALT CEMENT, GRADE PG 58-28	TON	10	8.4
604 (3)b2	RECONSTRUCT EXISTING MANHOLE	EACH	1	1
615(1)b2	STANDARD SIGN	SQUARE FOOT	11.5	11.6
626(3)b2	REMOVE AND REPLACE SANITARY SEWER CLEANOUT	EACH	1	1
627(10)b2	ADJUSTMENT OF VALVE BOX	EACH	1	0
639 (1)b2	RESIDENCE DRIVEWAY	EACH	7	7
640 (1)b2	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	1
640 (4)b2	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	1
641(1)b2	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	1
641(2)b2	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED	0
641 (5)b2	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0
642 (1)b2	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	1
643 (2)b2	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	1
643(3)b2	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	0
643 (15)b2	FLAGGING	CONTINGENT SUM	ALL REQUIRED	0
643(25)b2	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	\$ 20.25

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *D. Muel* Date 7/18/11

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANIZEK DRAWN BY: R. SNYDER		<b>SITKA - INDIAN RIVER ROAD          IMPROVEMENTS REBID          PROJECT # 69208 &amp; 67733</b>	
PATH: Q:\SIT\69208\PLANSET\NOV. 08 BID\1-2_UPDATED NOV 08 BID.DWG TAB: C2 Tuesday, November 25, 2008 11:21:56 AM CAIVANISZEK		<b>ESTIMATE OF          QUANTITIES</b>	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION HPRM-0933(34) - 69208 HPRM-0933(35) - 67733	YEAR 2008
		SHEET NO. <b>C2</b>	TOTAL SHEETS 63

604(3)a RECONSTRUCT EXISTING MANHOLE - BASIC BID A			
MANHOLE NAME	STATION	OFFSET	REMARKS
INDIAN RIVER ROAD			
A-1	25+67.57	15.24 RT	Frame not lined up with lid properly
A-2	26+26.80	17.23 LT	
A-7	28+22.91	8.49 LT	
A-8	29+85.17	8.17 LT	
A-13	32+55.36	12.93 LT	Rotate cone to sidewalk, steps need to be installed
B-1	34+22.76	10.74 LT	
A-14	35+06.69	12.64 LT	Rotate cone to sidewalk. Lid/Frame does not match - and cannot be bolted down
A-15	37+75.70	12.96	
604(3)b RECONSTRUCT EXISTING MANHOLE - BASIC BID B			
ANDREW HOPE STREET			
A-3	30+90.13	0.27 LT	Ladder needs to be embedded in wall
A-5	36+15.25	4.54 LT	
PETER SIMPSON ROAD & CHARLIE JOSEPH STREET			
A-10	44+93.87	14.56 RT	
604(3)b2 RECONSTRUCT EXISTING MANHOLE - ADDITIVE ALTERNATE B2			
RUDOLPH WALTON CIRCLE			
A-12	51+29.56	5.99 RT	

507(2)a PEDESTRIAN RAILING - BASIC BID A					
BEGIN		END		LENGTH	REMARKS
STATION	OFFSET	STATION	OFFSET		
INDIAN RIVER ROAD					
22+01.00	26.00 RT	22+49.00	26.00 RT	48	
29+01.00	23.90 RT	30+25.00	23.00 RT	125	
				TOTAL =	173

202(13)a RELOCATE MULTIPLE MAIL BOX - BASIC BID A		
STATION	OFFSET (ft)	REMARKS
INDIAN RIVER ROAD		
16+67	42 RT	Move existing mail box cluster and concrete pad from STA 16+65.50 RT.
25+41	27 RT	Coordinate with USPS for proposed location of mail box cluster


604(4)a ADJUST EXISTING MANHOLE - BASIC BID A			
MANHOLE NAME	STATION	OFFSET	REMARKS
INDIAN RIVER ROAD			
IRR-2	31+47	12 LT	Frame and grate furnished by the City and Borough of Sitka
IRR-1	31+47	12 RT	Frame and grate furnished by the City and Borough of Sitka
IR-5	40+81	12.5 LT	
604(4)b ADJUST EXISTING MANHOLE - BASIC BID B			
ANDREW HOPE STREET			
A-4	32+35.39	6.82 LT	
PETER SIMPSON ROAD & CHARLIE JOSEPH STREET			
A-11	46+91.58	13.78 LT	
604(4)b1 ADJUST EXISTING MANHOLE - ADDITIVE ALTERNATE B1			
A-6	38+50.76	8.17 LT	

611(1)a RIPRAP, CLASS 1 - BASIC BID A			
STATION	OFFSET	QTY. (C.Y.)	REMARKS
INDIAN RIVER ROAD			
13+44	LT	3.0	Scupper
15+75	LT	1.5	Scupper
20+75	LT	5.0	Scupper
22+26	LT	17.0	Slope stabilization at inlet end of culvert
22+48	LT	8.0	Scupper
22+50	RT	6.5	On fill slope at MSE wall
28+96	LT	5.0	Scupper
29+11 to 30+12	RT	40.5	MSE wall
30+00	LT	3.5	Scupper
30+49	RT	2.0	On fill slope at MSE wall
34+79	LT	3.5	Scupper
36+22	LT	3.5	Scupper
38+34	LT	2.0	Scupper
40+22	LT	1.5	Scupper
		Total =	102.5

- NOTES:
1. WALL SUMMARIES ON SHEET K1.
  2. SIGN SUMMARY ON SHEET P5.
  3. ESCP SUMMARIES ON BASIC BID SEE SHEET T1.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *D. Howard* Date *7/18/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION			
DESIGNED BY: C. IVANISZEK DRAWN BY: R. SNYDER		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733			
PATH: Q:\SIT\69208\PLANSET\NOV_08 BID\1-3_UPDATED NOV 08 BID.DWG TAB: D1 Tuesday, November 25, 2008 2:31:42 PM CAIVANISZEK		<b>SUMMARIES</b>			
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733	YEAR 2008	SHEET NO. D1	TOTAL SHEETS 63

202(4)a REMOVAL OF CULVERT PIPE - BASIC BID A						
BEGIN STATION	END STATION	TYPE	DIAMTER (In)	LENGTH (ft)	OFFSET (ft)	REMARKS
INDIAN RIVER ROAD						
16+27.28	16+66.92	CPP	12	40	18.5 RT	
20+69.32	21+25.66	CSP	18	56	14.0 RT	
21+74.92	22+05.25	CSP	18	31	20.0 RT & 25.0 RT	
				Total =	127	

608(6)a CURB RAMP - BASIC BID A		
STATION	OFFSET	REMARKS
INDIAN RIVER ROAD		
10+75	LT	
11+01	LT	
26+00	LT	
26+67	LT	
30+46	LT	
31+13	LT	
37+62	LT	
37+61	LT	
38+21	LT	
41+54	LT	

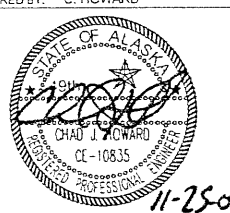
608(1b)a CONCRETE SIDEWALK, 6 INCHES THICK - BASIC BID A			
BEGIN STATION	END STATION	LENGTH	REMARKS
INDIAN RIVER ROAD			
24+71.76	25+03.76	32	Vehicular Curb Cut - No Warning Tile
35+44.43	35+86.43	42	Vehicular Curb Cut - No Warning Tile

603a PIPE SUMMARY - BASIC BID A														
PIPE NUMBER	INLET						OUTLET			SLOPE	REMARKS			
	603(1)-30 30" CSP	603(21)-24 24" CPP	603(1)-24 24" CSP	603(21)-18 18" CPP	603(21)-12 12" CPP	603(1)-12 12" CSP	STATION	OFFSET	INV.			STATION	OFFSET	INV.
INDIAN RIVER ROAD														
P-1			4				16+77.31	38.06 RT	60.47	12+62.74	44.44 RT	40.35		Extend outlet end of existing culvert
P-2				43			18+56.30	15.06 RT	62.44	16+34.61	38.78 RT	58.32	5.00%	
P-3					65		20+10.14	17.08 RT	61.52	19+20.70	18.16 RT	62.40	0.06%	
P-4				82			20+91.79	25.05 RT	58.55	20+91.79	25.05 RT	58.55	3.62%	
P-5				30			21+80.85	31.35 RT	55.30	21+24.80	27.99 RT	58.04	1.00%	
P-6				24			23+20.13	22.63 RT	55.01	22+04.57	31.40 RT	54.50	3.33%	
P-7				27			24+08.77	31.48 RT	57.67	23+00.05	40.09 RT	54.47	2.00%	
P-8				24			25+02.59	23.18 LT	61.08	23+92.75	48.59 RT	56.06	6.70%	
P-9		34								24+69.12	23.70 LT	60.41	1.97%	
P-10	11									29+16.19	23.65 RT	57.75		Extend outlet end of existing culvert
P-11					36		33+00.27	11.00 RT	60.64	33+00.27	25.11 LT	60.46	0.50%	
P-12				85			34+70.49	18.61 RT	63.48	34+05.77	35.17 LT	61.97	1.77%	
P-13		40					35+85.50	24.23 LT	64.53	35+45.35	24.37	64.13	1.00%	
TOTAL	11	74	4	315	65	36								

626(3)b REMOVE AND REPLACE SANITARY SEWER CLEANOUT - BASIC BID B					
STRUCTURE NUMBER	STATION	OFFSET (ft)	ESTIMATED DISTANCE TO CLEANOUT INVERT (ft)	ESTIMATED ELEVATION OF CLEANOUT INVERT	REMARKS
CHARLIE JOSEPH STREET					
10 A-CO-3	47+46.99	8.92 LT	6.89	85.06	
10 A-CO-1	48+90.85	7.54 LT	8.56	82.87	
626(3)b1 REMOVE AND REPLACE SANITARY SEWER CLEANOUT - ADDITIVE ALTERNATE B1					
ANDREW HOPE STREET					
10 A-CO-2	40+34.26	9.06 LT	5.24	86.55	
626(3)b2 REMOVE AND REPLACE SANITARY SEWER CLEANOUT - ADDITIVE ALTERNATE B2					
RUDOLPH WALTON CIRCLE					
10 A-CO-4	53+37.14	4.57 RT	8.27	85.89	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neil* Date *2/18/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

 DESIGNED BY: C. IVANISZEK DRAWN BY: R. SNYDER	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733  <b>SUMMARIES</b>																					
PATH: Q:\SIT\69208\PLANS\SET\NOV. 08 BID\1-3_UPDATED NOV 08 BID.DWG TAB: D2 Tuesday, November 25, 2008 2:28:51 PM CAIVANISZEK	<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>HPRM-0933(34) - 69208</td> <td>2008</td> <td>D2</td> <td>63</td> </tr> <tr> <td></td> <td></td> <td></td> <td>HPRL-0933(35) - 67733</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS				HPRM-0933(34) - 69208	2008	D2	63				HPRL-0933(35) - 67733			
NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																
			HPRM-0933(34) - 69208	2008	D2	63																
			HPRL-0933(35) - 67733																			

639(1)a RESIDENCE DRIVEWAY - BASIC BID A						
STATION	OFFSET	WIDTH (ft)	LENGTH (ft)	RADIUS		REMARKS
				RT	LT	
INDIAN RIVER ROAD						
14+97.38	RT	24	20	15	15	
18+71.96	RT	16	26	10	10	
21+06.86	RT	24	18	10	10	
21+92.64	RT	14	19	10	10	
24+87.76	LT	20	5	-	-	no radius
35+65.45	LT	30	5	-	-	no radius

639(1)b RESIDENCE DRIVEWAY - BASIC BID B						
ANDREW HOPE STREET						
30+75.10	RT	20	10	10	10	
30+79.76	LT	26	10	10	10	
31+64.26	RT	28	10	10	10	
32+11.37	LT	31	10	10	10	
32+29.63	RT	14	10	10	10	
32+94.41	RT	24	10	10	10	
33+48.17	LT	31	10	10	10	
33+73.60	RT	24	10	10	10	
34+07.23	LT	16	10	10	10	
34+64.63	RT	20	10	10	10	
34+71.62	LT	16	10	10	10	
35+32.89	LT	30	10	10	10	
36+13.64	LT	32	10	10	10	

CHARLIE JOSEPH STREET & PETER SIMPSON ROAD						
41+37.79	LT	14	10	10	10	
42+06.75	LT	14	10	10	10	
43+37.65	LT	20	10	10	10	
45+59.76	LT	14	10	10	10	
46+66.58	LT	14	10	10	10	
48+09.37	LT	20	10	10	10	
48+30.67	RT	12	10	10	10	
49+13.33	LT	14	10	10	10	
49+18.46	RT	16	10	10	10	

639(1)b1 RESIDENCE DRIVEWAY - ADDITIVE ALTERNATE B1						
ANDREW HOPE STREET						
36+64.69	LT	23	10	10	10	
37+25.30	LT	30.0	10	10	10	
38+33.42	LT	78	10	10	10	
38+40.23	RT	14	10	10	10	
39+25.48	LT	49	10	10	10	
40+13.95	LT	35	10	10	10	
40+79.79	LT	23	10	10	10	

639(1)b2 RESIDENCE DRIVEWAY - ADDITIVE ALTERNATE B2						
RUDOLPH WALTON CIRCLE						
50+93.89	RT	26	10	10	10	
51+26.62	LT	17	10	10	10	
51+68.65	RT	34	10	10	10	
52+81.62	RT	14	5	5	5	
53+18.00	LT	14	10	10	10	
53+50.42	RT	14	10	10	10	
53+61.61	LT	14	10	10	10	

627(10)a ADJUSTMENT OF VALVE BOX - BASIC BID A		
STATION	OFFSET	REMARKS
INDIAN RIVER ROAD		
11+52	8.38 LT	Adjust mainline valve box
17+70.83	4.58 LT	Adjust mainline valve box
21+02.73	1.71 LT	Adjust mainline valve box
21+05.38	42.39 RT	Adjustment of service curb stop VB - Located at Flume Circle
21+08.27	42.08 RT	Located at Flume Circle
30+90	4.00 RT	Adjust mainline valve box
31+16	4.00 RT	Adjust mainline valve box
31+22	3.90 RT	Adjust mainline valve box
37+36	14.63 RT	Fire Hydrant WV

627(10)b ADJUSTMENT OF VALVE BOX - BASIC BID B		
ANDREW HOPE STREET		
30+01.68	6.83 RT	Adjust mainline valve box
31+72.04	17.18 RT	Adjustment of service curb stop VB - Fire Hydrant WV
33+60.29	19.19 RT	Adjustment of service curb stop VB - Located in Driveway
34+53.00	24.03 RT	Adjustment of service curb stop VB - Located in Driveway
36+20.97	10.43 RT	Adjust mainline valve box
PETER SIMPSON ROAD AND CHARLIE JOSEPH STREET		
47+11.95	0.84 RT	Adjust mainline valve box
50+24.44	9.31 RT	Adjust mainline valve box

627(10)b1 ADJUSTMENT OF VALVE BOX - ADDITIVE ALTERNATE B1		
ANDREW HOPE STREET		
38+68.14	27.04 LT	Adjustment of service curb stop VB - Located in Driveway


627(10)b2 ADJUSTMENT OF VALVE BOX - ADDITIVE ALTERNATE B2		
RUDOLPH WALTON CIRCLE		
50+67.68	19.71 LT	Adjustment of service curb stop VB - Fire Hydrant WV

604(8)a SCUPPER - BASIC BID A			
STRUCTURE NUMBER	STATION	OFFSET	REMARKS
INDIAN RIVER ROAD			
S-1	13+44.92	LT	
S-2	15+75.20	LT	
S-4	20+74.88	LT	
S-6	22+48.64	LT	
S-7	28+95.85	LT	
S-8	29+99.17	LT	
S-10	34+79.75	LT	
S-11	36+21.73	LT	
S-12	38+34.02	LT	
S-13	40+21.77	LT	

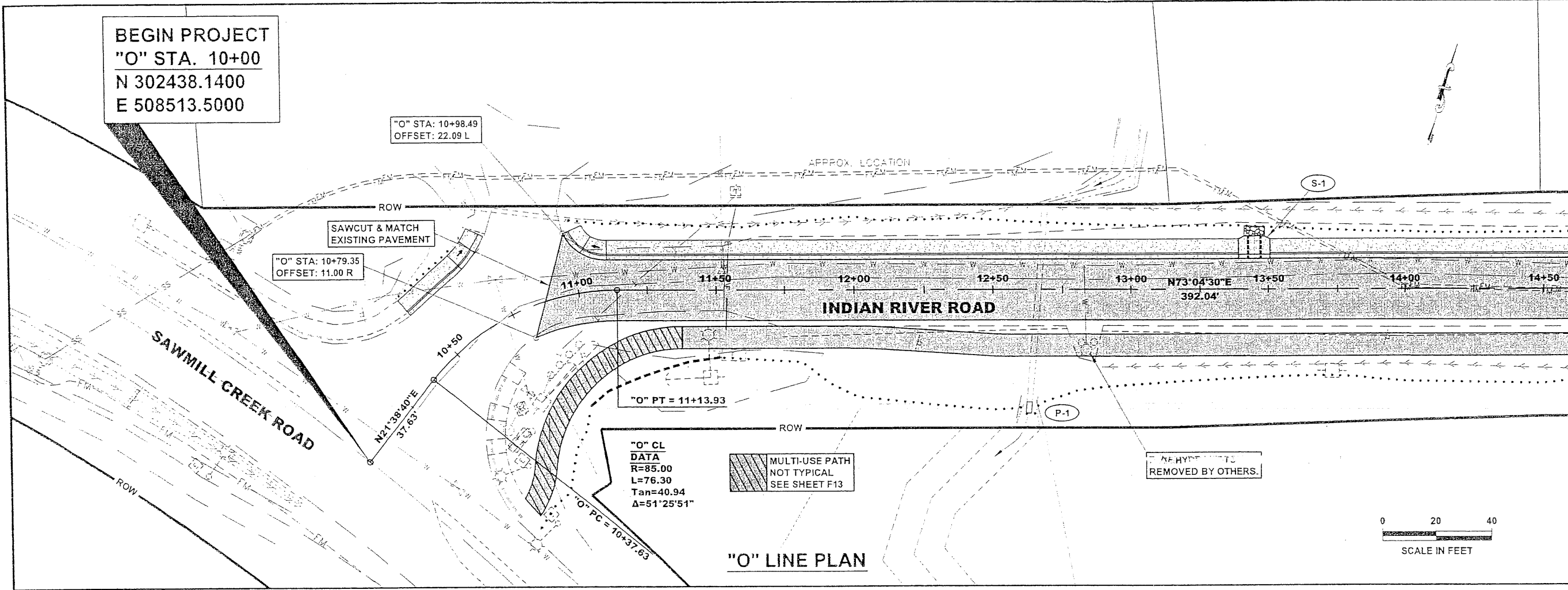
604(5)a INLET, TYPE A - BASIC BID A				
STRUCTURE NUMBER	STATION	OFFSET	TOP OF CASTING ELEVATION	REMARKS
INDIAN RIVER ROAD				
S-3	18+54.79	15.05 RT	64.77	Field Inlet
S-5	20+93.30	24.99 RT	61.64	Field Inlet
S-9	33+00.27	12.00 RT	63.10	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/18/11*

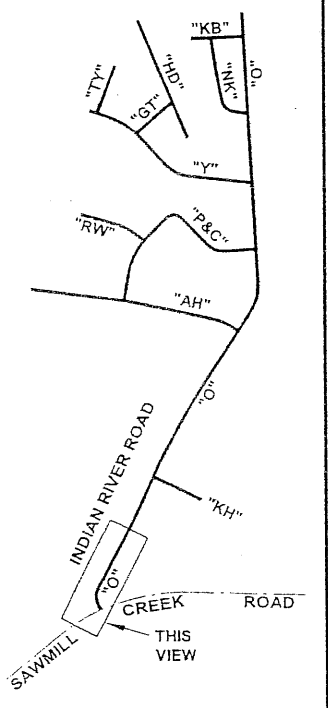
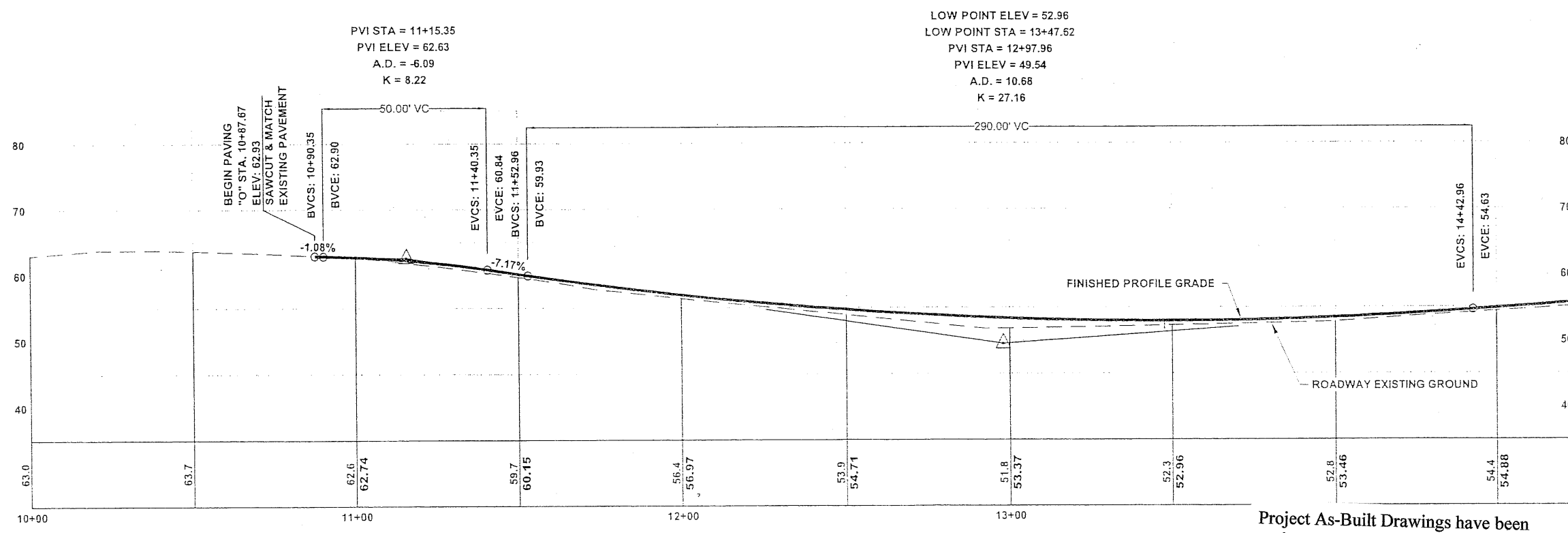
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	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION												
	SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733												
<b>SUMMARIES</b>													
DESIGNED BY: C. VANISZEK DRAWN BY: R. SNYDER	PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733	YEAR 2008											
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NO.	DATE	DESCRIPTION											
YEAR	SHEET NO.	TOTAL SHEETS											
2008	D3	63											

BEGIN PROJECT  
 "O" STA. 10+00  
 N 302438.1400  
 E 508513.5000



STATION	OFFSET
INDIAN RIVER ROAD	
10+34.03	103.78 LT
10+53.29	69.97 RT
10+99.19	68.98 RT
10+98.66	49.30 RT
13+14.07	30.47 LT
13+15.31	49.52 RT
14+48.91	34.41 LT
14+49.81	45.60 RT



DESIGNED BY: C. HANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F1	63

"O" LINE PROFILE

DO NOT SCALE FROM THESE

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *1/18/14*

WILSON, BRIAN G (DOT)  
 TAB: F10 Tuesday, November 25, 2008 11:34:  
 ADDENDUM NUMBER  
 ATTACHMENT NUMBER  
 RECORD OF REVISIONS

No.	DATE	DESCRIPTION

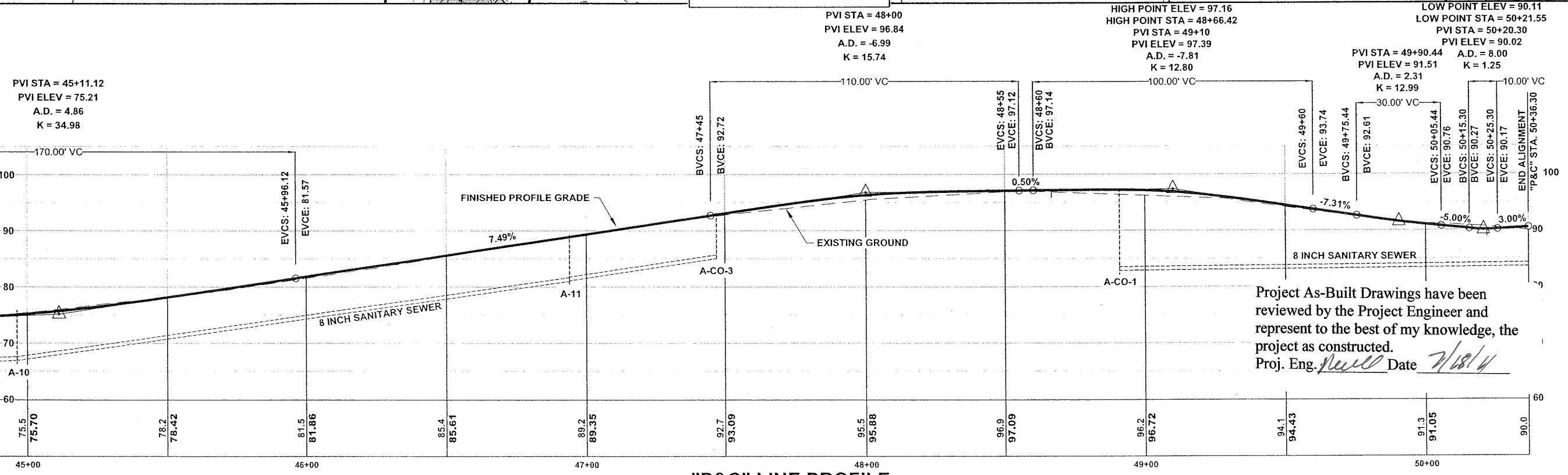
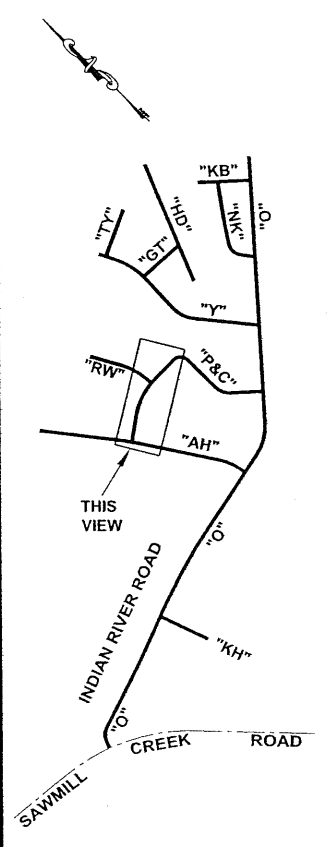
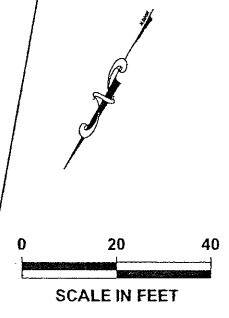
ROW LOCATION					
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
CHARLIE JOSEPH STREET					
PT 45+41.20	29.40 LT				
PC 46+59.69	17.34 RT	25.00	36.74	33.52	N48-52-53W
PT 46+84.97	39.09 RT				
PC 47+30.01	46.77 RT	25.00	41.19	36.69	N40-10-58E
PT/PC 47+55.31	22.83 RT	170.00	92.35	91.21	S73-37-11W
PC 47+65.03	26.23 LT	120.00	65.19	64.39	S73-37-11W
PT 48+40.78	25.70 RT				
PT 48+34.45	23.90 LT				
49+88.45	27.24 RT				
49+85.87	22.92 LT				

**NOTE:**  
 BASIC BID B INCLUDES:  
 ANDREW HOPE ST. to STA 36+50,  
 PETER SIMPSON RD &  
 CHARLIE JOSEPH ST.

BASIC BID B SEE SHEETS F8-F10  
 ADDITIVE ALTERNATES B1 & B2  
 SEE SHEETS F11 & F12

"P&C" CL DATA  
 R=350.00  
 L=213.99  
 Tan=110.46  
 Δ=35°01'48"

**BASIC BID B**  
**"P&C" LINE PLAN**



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/18/14*

**PLAN LEGEND**

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**BASIC BID B**  
**PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F10	63

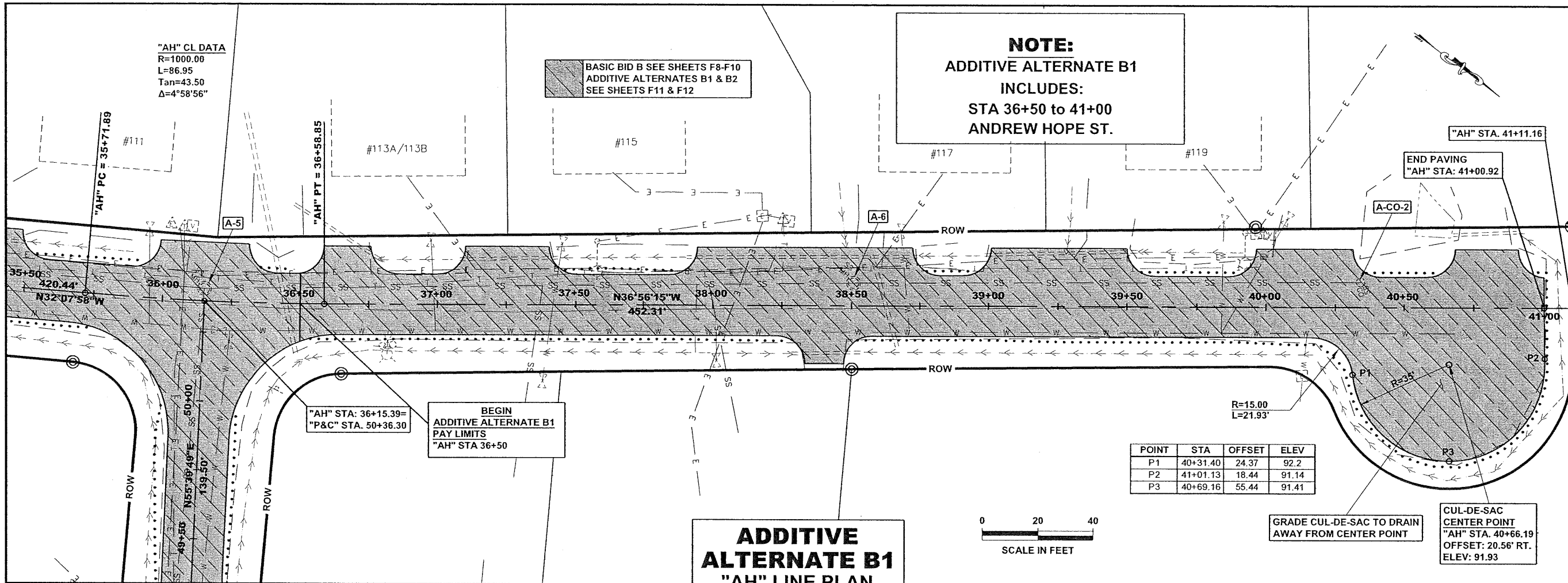
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

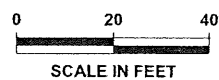
"AH" CL DATA  
 R=1000.00  
 L=86.95  
 Tan=43.50  
 Δ=4°58'56"

BASIC BID B SEE SHEETS F8-F10  
 ADDITIVE ALTERNATES B1 & B2  
 SEE SHEETS F11 & F12

**NOTE:**  
 ADDITIVE ALTERNATE B1  
 INCLUDES:  
 STA 36+50 TO 41+00  
 ANDREW HOPE ST.

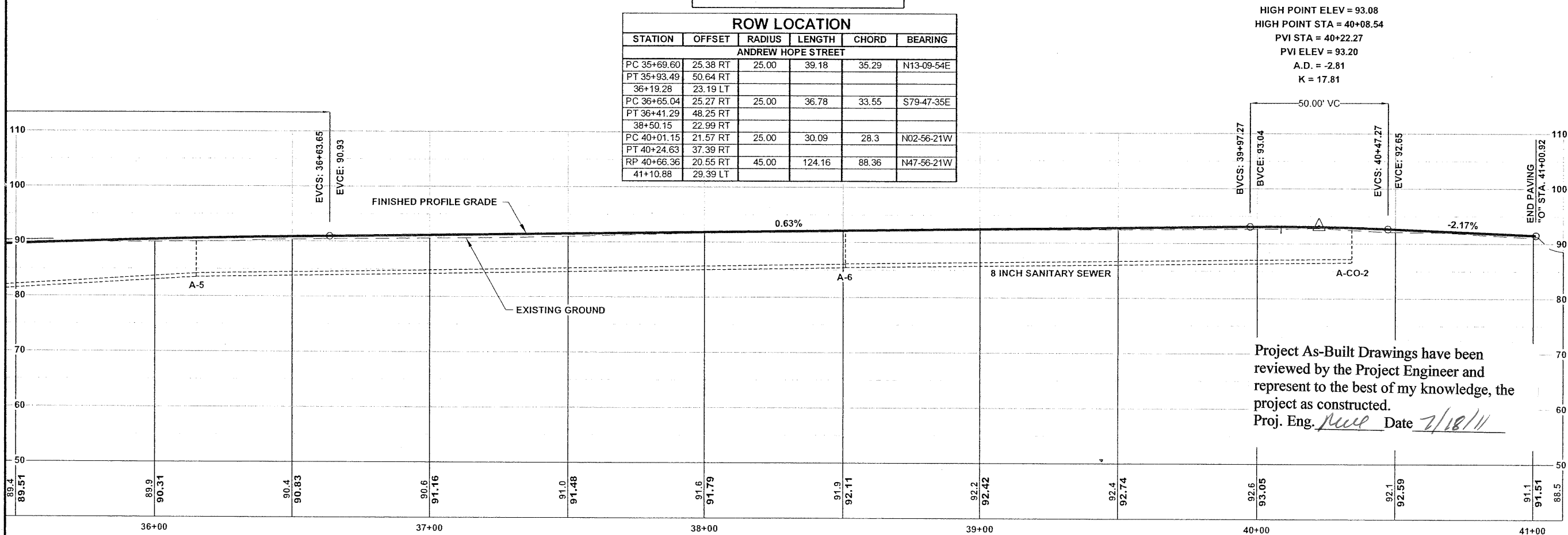


**ADDITIVE ALTERNATE B1 "AH" LINE PLAN**



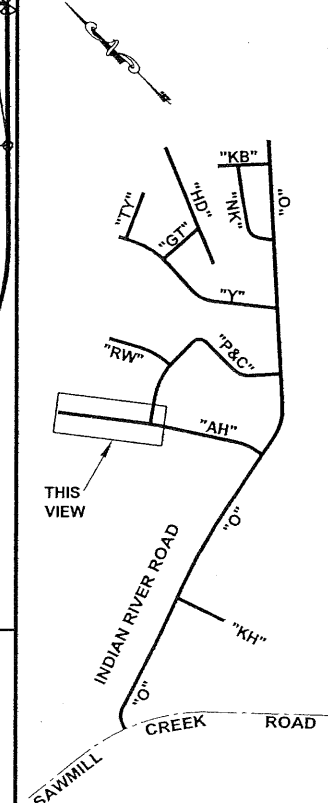
ROW LOCATION					
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
ANDREW HOPE STREET					
PC 35+69.60	25.38 RT	25.00	39.18	35.29	N13-09-54E
PT 35+93.49	50.64 RT				
	36+19.28	23.19 LT			
PC 36+65.04	25.27 RT	25.00	36.78	33.55	S79-47-35E
PT 36+41.29	48.25 RT				
	38+50.15	22.99 RT			
PC 40+01.15	21.57 RT	25.00	30.09	28.3	N02-56-21W
PT 40+24.63	37.39 RT				
RP 40+66.36	20.55 RT	45.00	124.16	88.36	N47-56-21W
	41+10.88	29.39 LT			

HIGH POINT ELEV = 93.08  
 HIGH POINT STA = 40+08.54  
 PVI STA = 40+22.27  
 PVI ELEV = 93.20  
 A.D. = -2.81  
 K = 17.81



**"AH" LINE PROFILE**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/18/11*



**PLAN LEGEND**

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

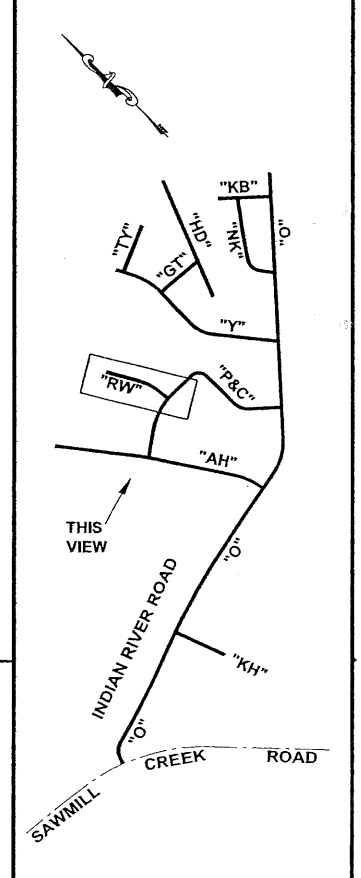
**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733**  
**ADDITIVE ALTERNATE B1 PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F11	63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 CHAD J. HOWARD  
 CE-10835  
 REGISTERED PROFESSIONAL ENGINEER  
 11-25-08

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733  
**ADDITIVE  
 ALTERNATE B2  
 PLAN & PROFILE**  
 PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)  
 STATE ALASKA  
 YEAR 2008  
 SHEET NUMBER F12  
 TOTAL SHEETS 63

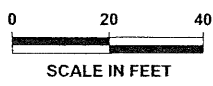
BASIC BID B SEE SHEETS F8-F12  
 ADDITIVE ALTERNATES B1 & B2  
 SEE SHEETS F11 & F12

"RW" CL DATA  
 R=350.00  
 L=152.47  
 Tan=77.46  
 A=24°57'35"

BEGIN  
 ADDITIVE ALTERNATE B2  
 PAY LIMITS  
 "RW" STA 50+43.69

CUL-DE-SAC  
 CENTER POINT  
 "RW" STA. 53+18.39  
 OFFSET: 12.60 LT.

END PAVING  
 "RW" STA. 53+51.05

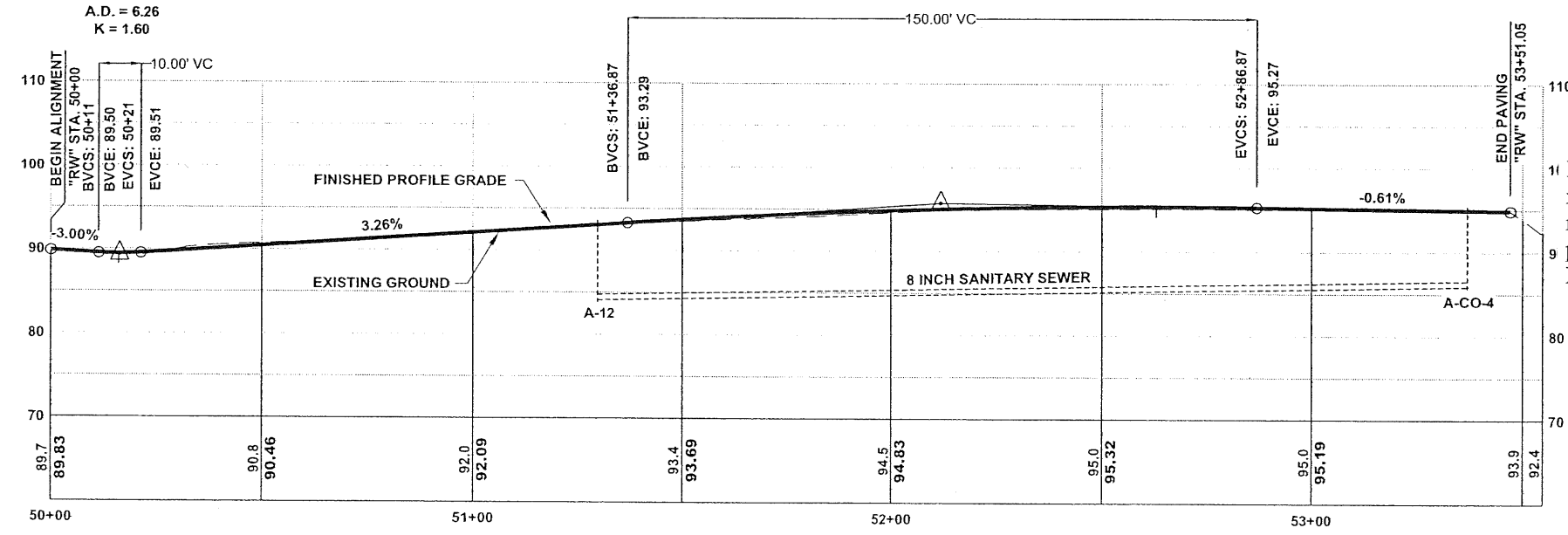


**ADDITIVE  
 ALTERNATE B2  
 "RW" LINE PLAN**

ROW LOCATION					
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
RUDOLPH WALTON CIRCLE					
50+37.98	23.73 RT				
50+46.99	26.59 LT				
PC 50+83.71	24.65 RT	225.00	100.55	99.72	N19-33-41W
PC 50+88.23	25.14 LT	175.00	78.21	77.56	N19-33-41W
PT 51+77.21	24.06 RT				
PT 51+72.05	25.66 LT				
PC 52+71.42	16.58 RT	25.00	19.38	18.89	N10-09-35W
PC 52+67.51	33.25 LT	25.00	19.38	18.89	N54-34-30W
PT 52+84.39	41.74 LT				
PT 52+89.42	22.34 RT				
RP 53+18.30	12.16 LT	45.00	211.09		

LOW POINT ELEV = 89.43  
 LOW POINT STA = 50+15.79  
 PVI STA = 50+16  
 PVI ELEV = 89.35  
 A.D. = 6.26  
 K = 1.60

HIGH POINT ELEV = 95.35  
 HIGH POINT STA = 52+63.07  
 PVI STA = 52+11.87  
 PVI ELEV = 95.73  
 A.D. = -3.87  
 K = 38.73



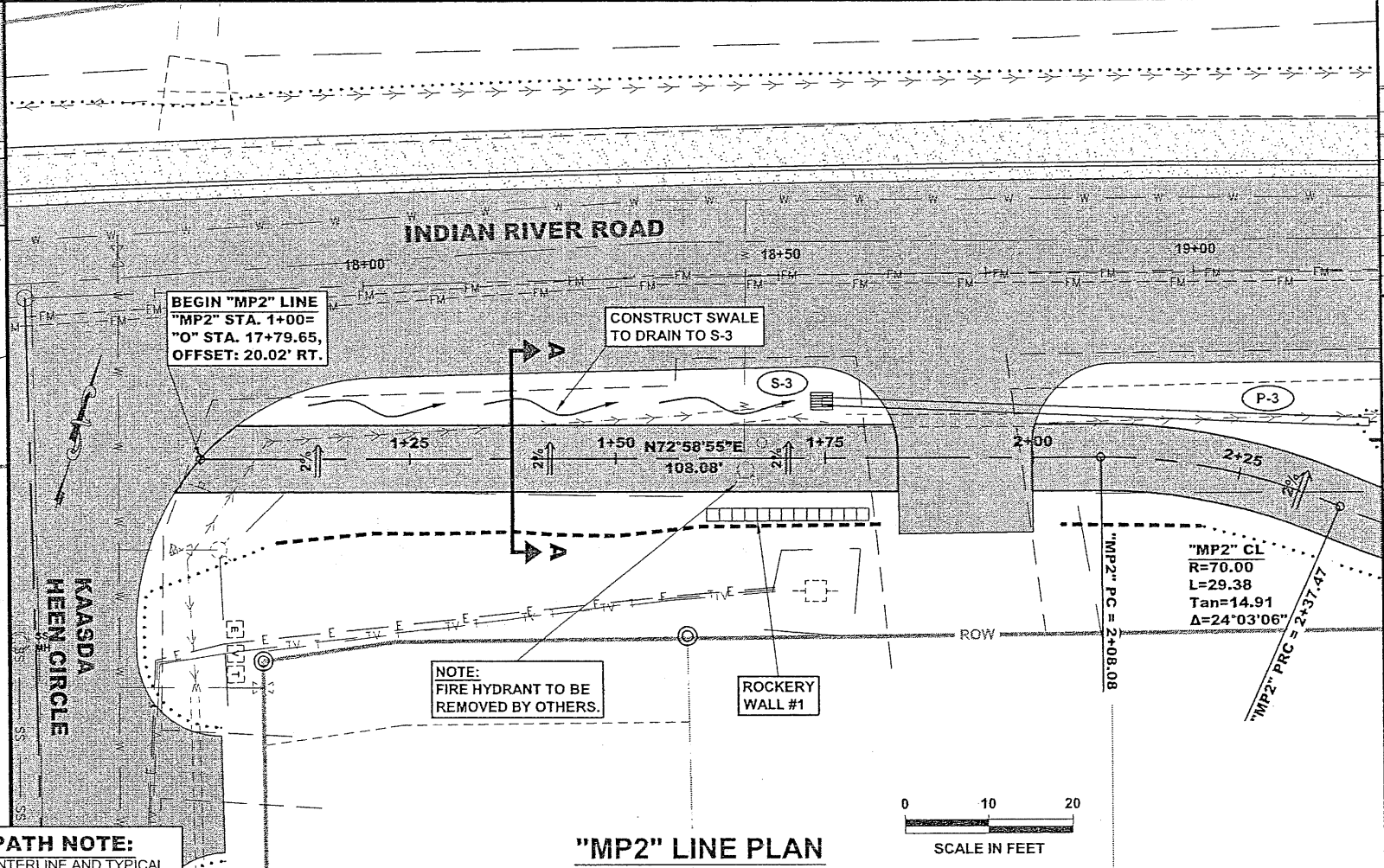
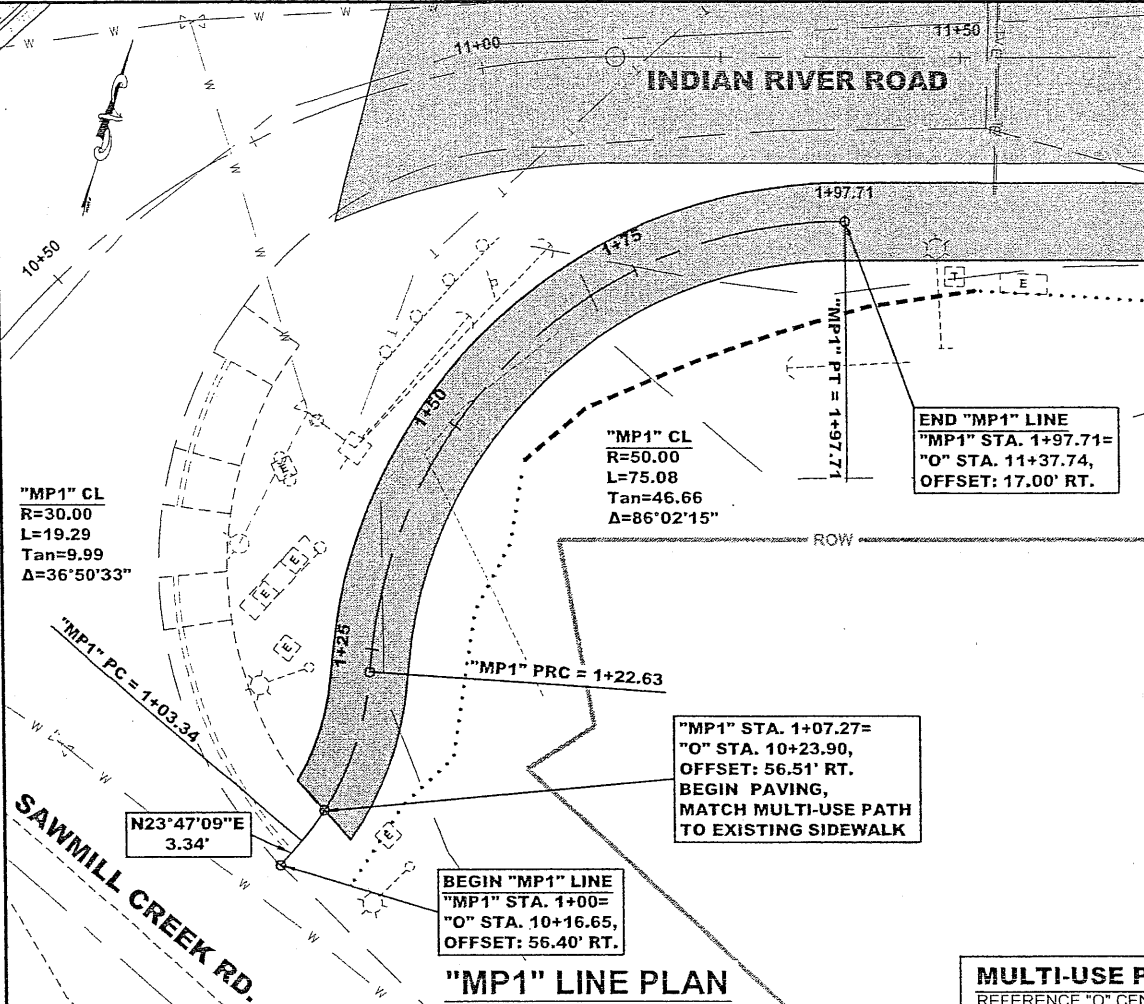
11 Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Ruel* Date *2/18/14*

**"RW" LINE PROFILE**

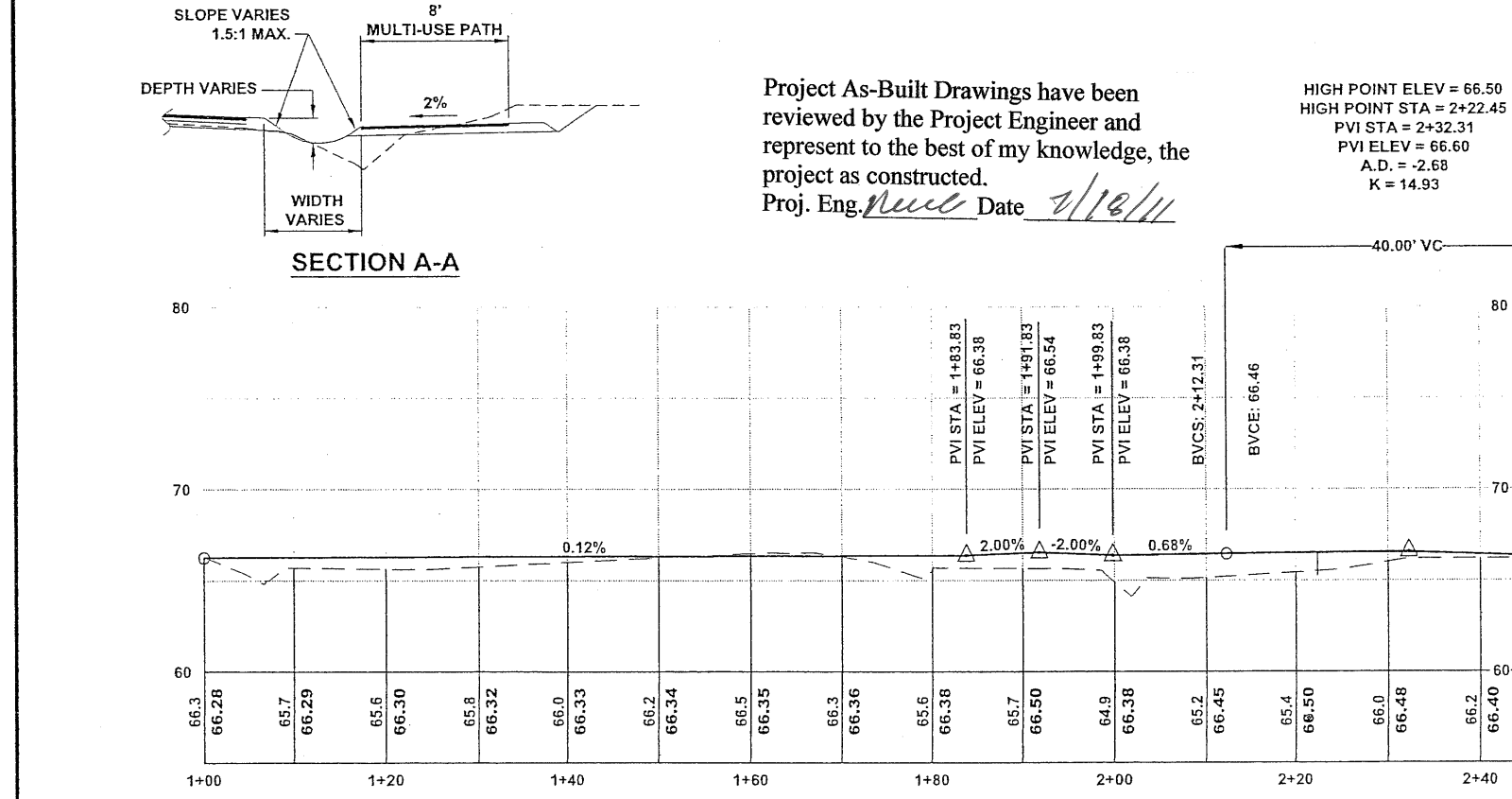
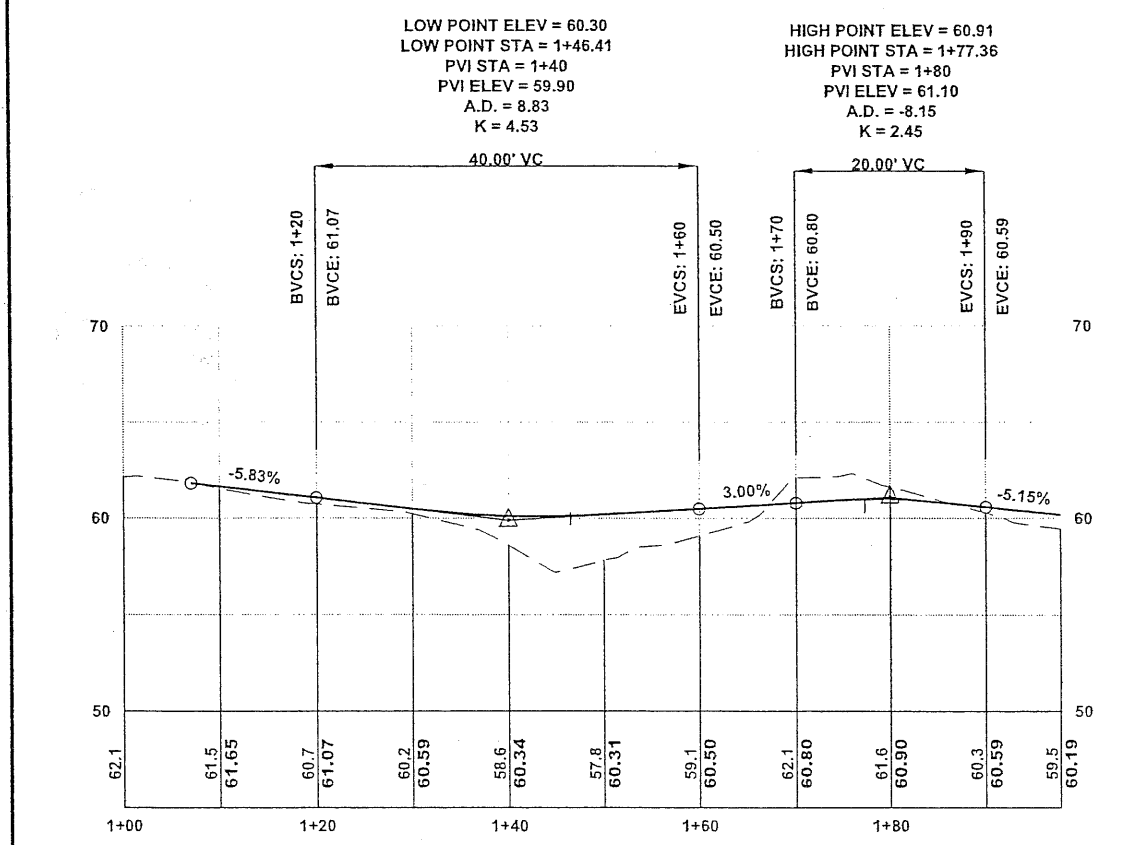
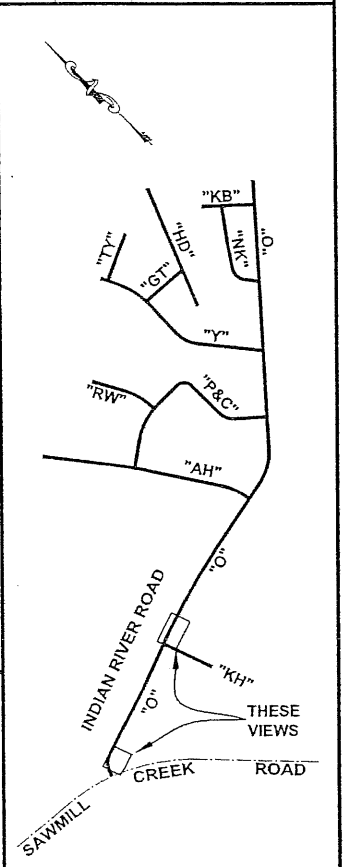
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

NOTE:  
 SEE SHEET F11 FOR  
 STATION & OFFSETS.

**NOTE:**  
 ADDITIVE ALTERNATE B2  
 INCLUDES:  
 RUDOLPH WALTON CIRCLE



**MULTI-USE PATH NOTE:**  
 REFERENCE "O" CENTERLINE AND TYPICAL  
 SECTIONS ON B SHEETS FOR ALL OTHER  
 MULTI-USE PATH LOCATIONS.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

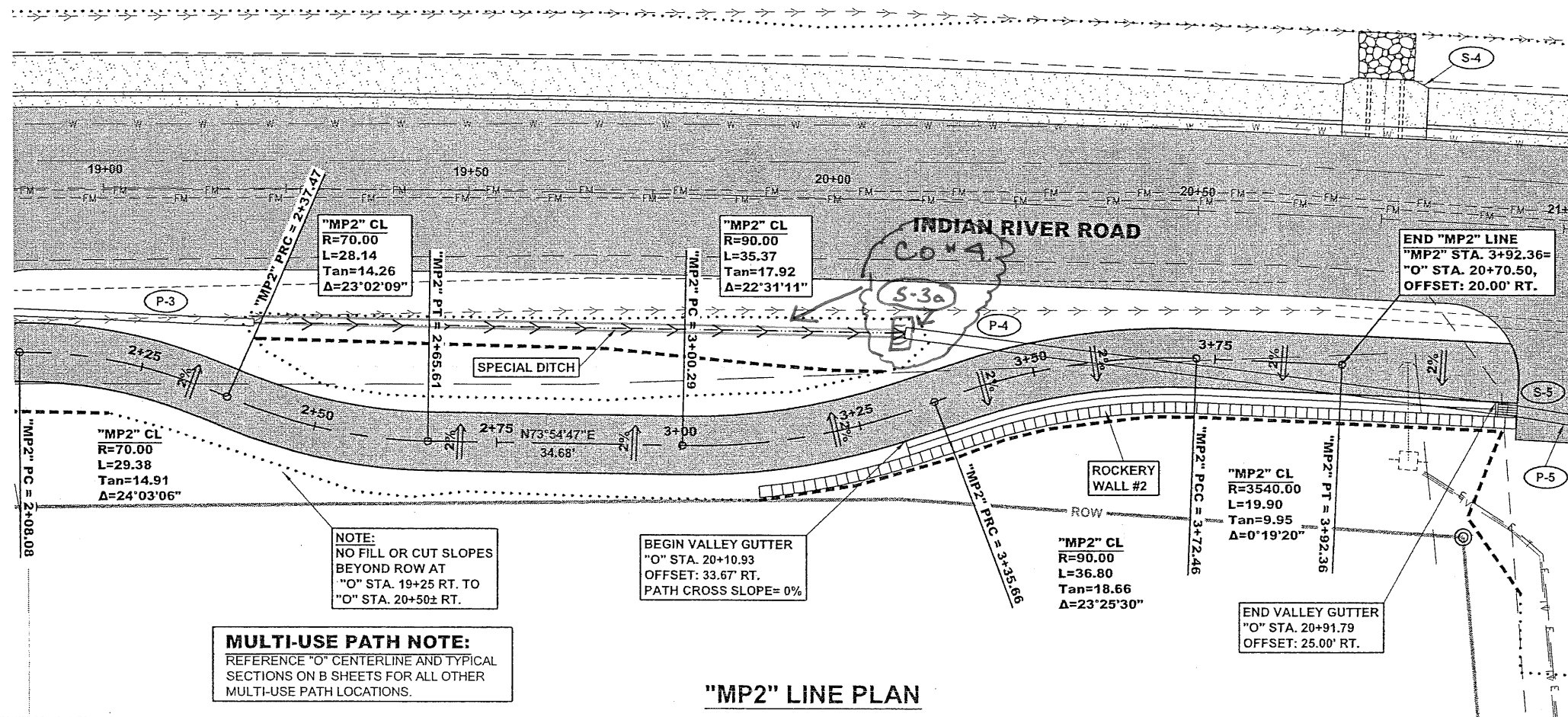
SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**MULTI-USE PATH  
 PLAN & PROFILE**

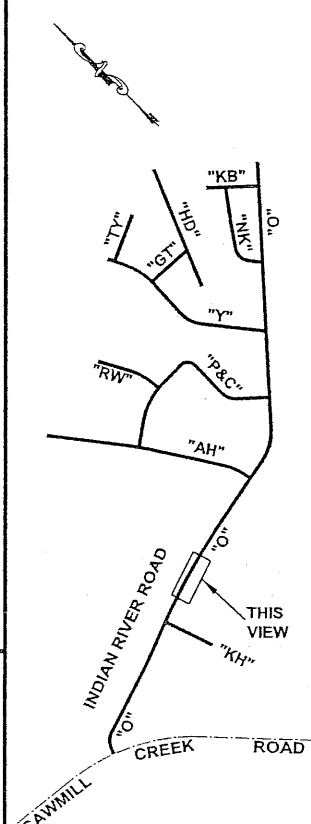
PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F13	63

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

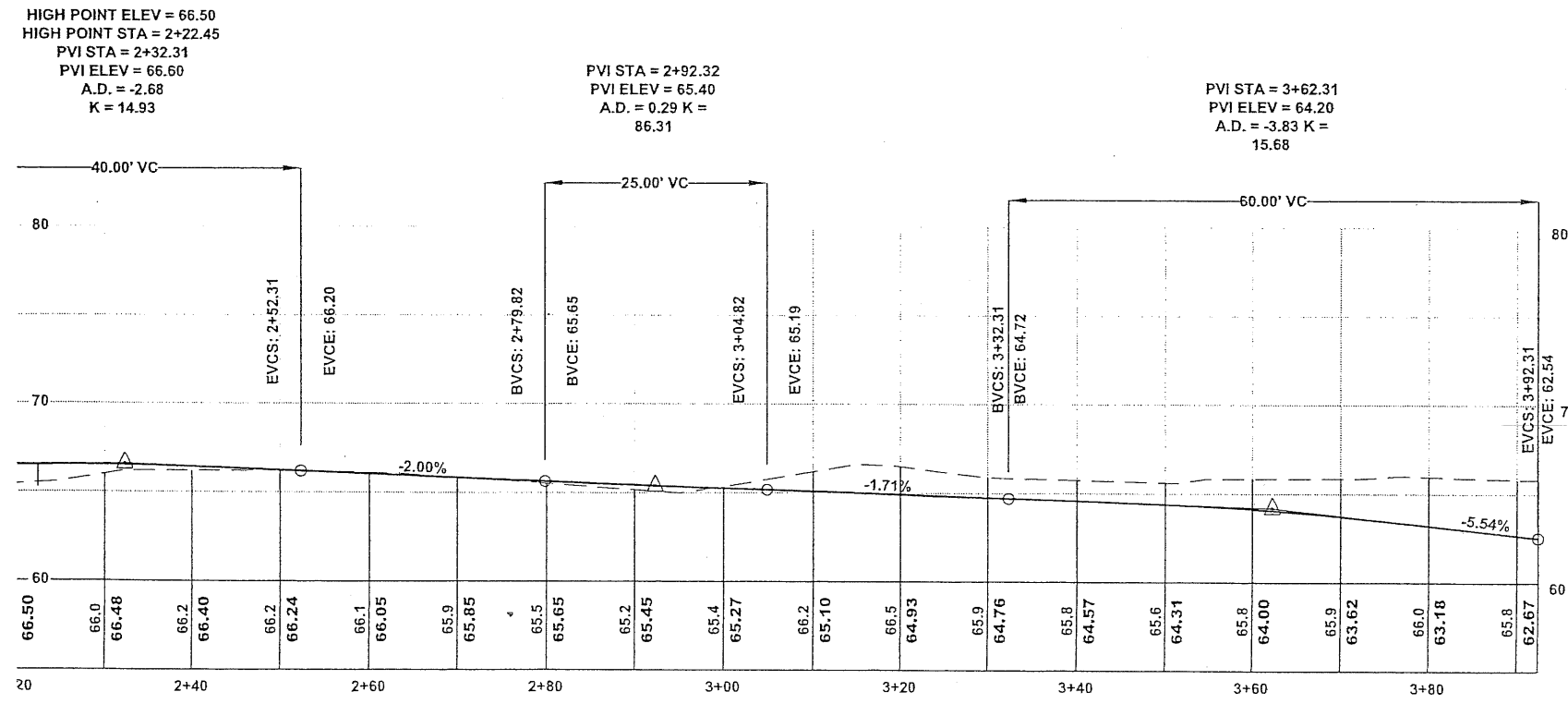


**"MP2" LINE PLAN**



**PLAN LEGEND**

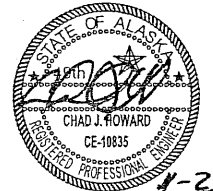
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Howard* Date *7/19/11*



**"MP2" LINE PROFILE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

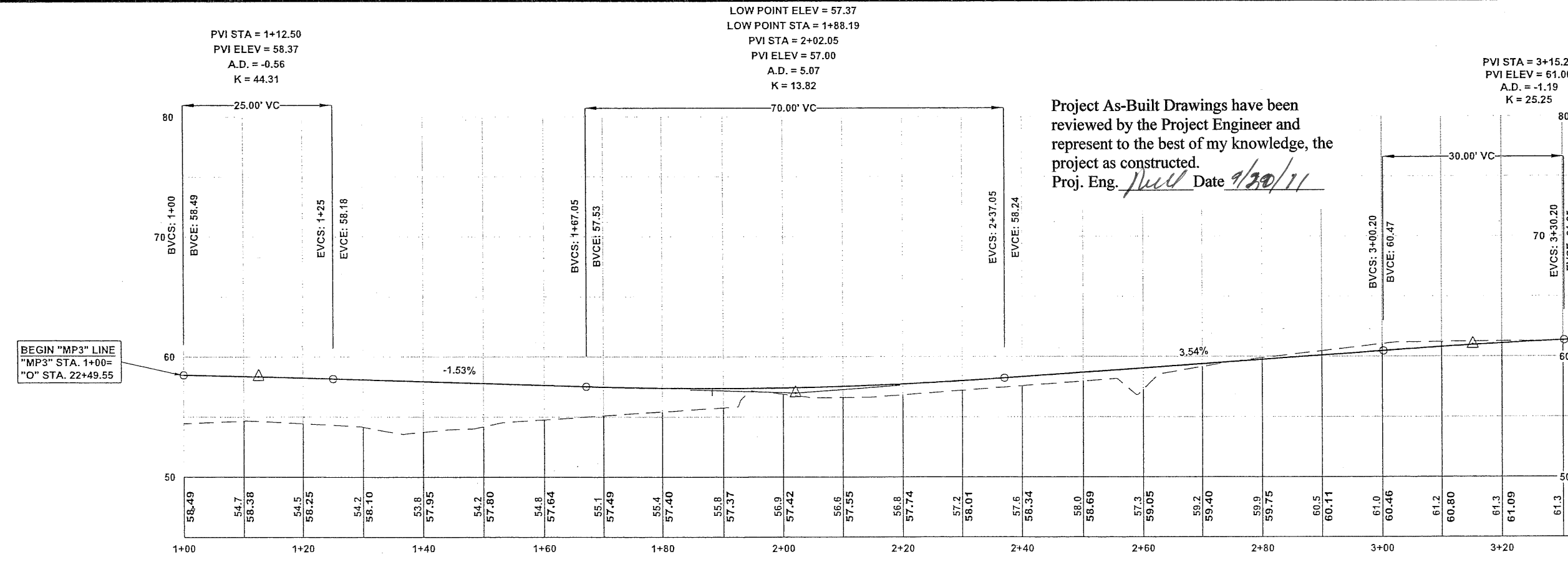
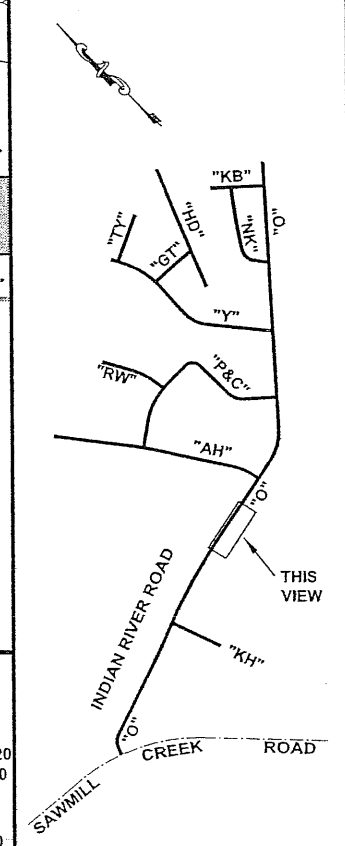
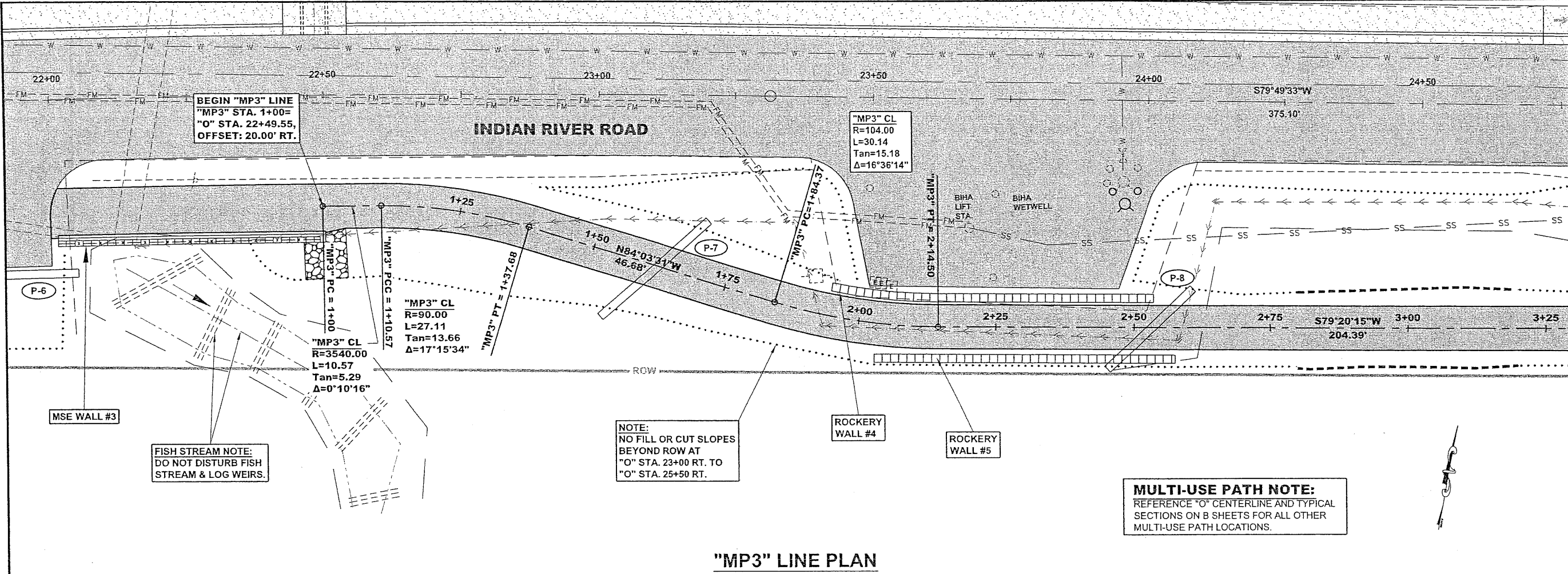
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733**

**MULTI-USE PATH  
 PLAN & PROFILE**

PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F14	63

No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 1/30/11

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

11-25-08

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733

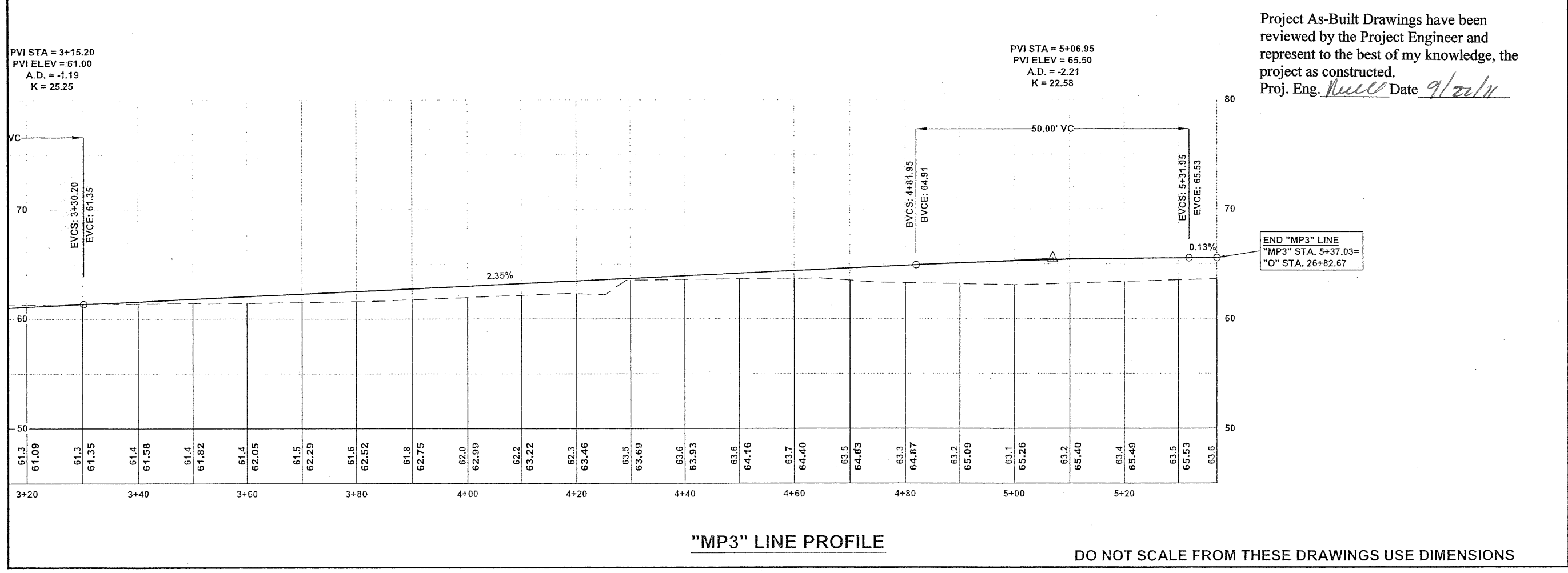
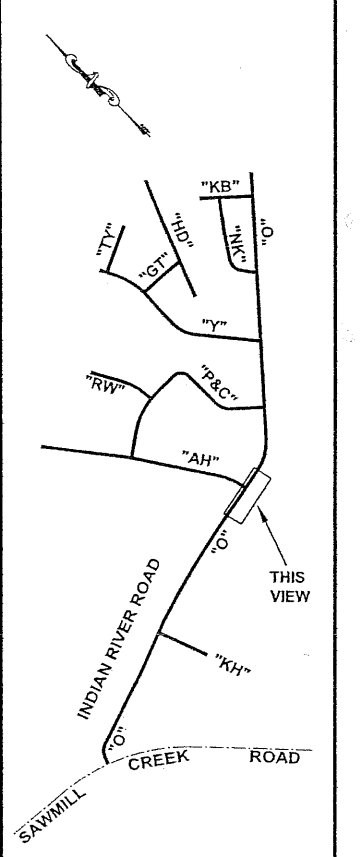
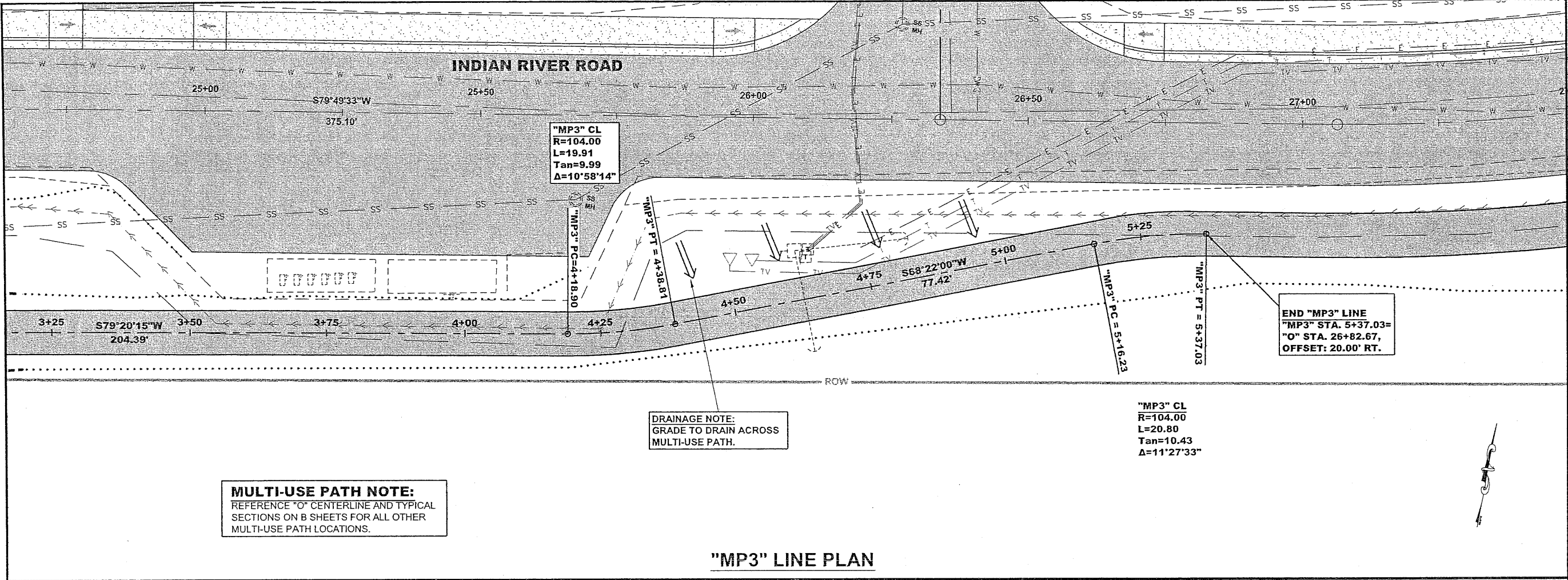
**MULTI-USE PATH PLAN & PROFILE**

PROJECT DESIGNATION: HPRM-0933(34)/HPRM-0933(35)

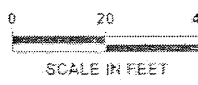
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F15	63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



This Plan Sheet Added in Supplemental Agreement.



ADDITIVE ALTERNATES A, B, C, & D SEE SHEETS F10-F12

CUL-DE-SAC CENTER POINT  
"TY" STA. 72+31.28  
OFFSET: 8.81' RT.

"TY" STA. 70+00=  
"Y" STA. 69+14.87

"GT" STA. 80+00=  
"Y" STA. 66+59.50

"GT" STA. 82+47.29=  
"HD" STA. 92+02.34

R=9.00  
L=19.04'

R=15.00  
L=15.66'

BEGIN ADDITIVE ALTERNATE C  
PAY LIMITS  
"TY" STA. 70+36.79

BEGIN ADDITIVE ALTERNATE C  
PAY LIMITS  
"GT" STA. 80+59.18

**NOTE:**  
ADDITIVE ALTERNATE C INCLUDES:  
GIL TRUITT COURT  
THOMAS YOUNG SR. CIRCLE  
HERB DIDRICKSON STREET

**ADDITIVE ALTERNATE C**  
"GT" LINE PLAN

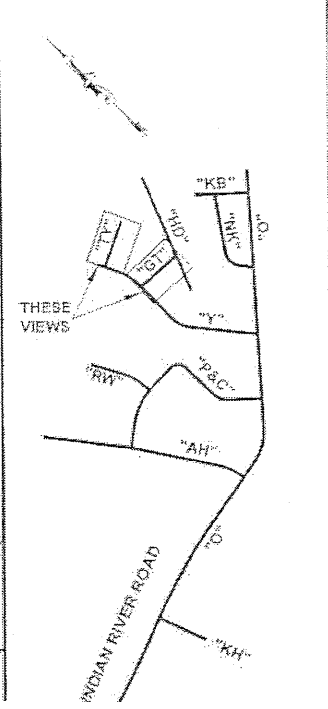
**ADDITIVE ALTERNATE C**  
"TY" LINE PLAN

PATH: GASTING208\PLANS\SET1-18\_PROJECT PLAN.DWG

RKSNYDER  
TAB: F17 Monday, July 26, 2008 10:18:05 AM

REVISIONS

NO.	DATE	DESCRIPTION



**ROW LOCATION**

STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
GIL TRUITT COURT					
80+54.99	25.72 RT				
80+53.13	24.27 LT				
PC 81+93.14	22.13 RT	15.00	28.59	24.63	S31-43-35E
PC 82+21.53	26.62 LT	15.00	16.23	17.13	N58-16-25E
PT 82+35.34	38.76 LT				
PT 82+07.72	41.98 RT				

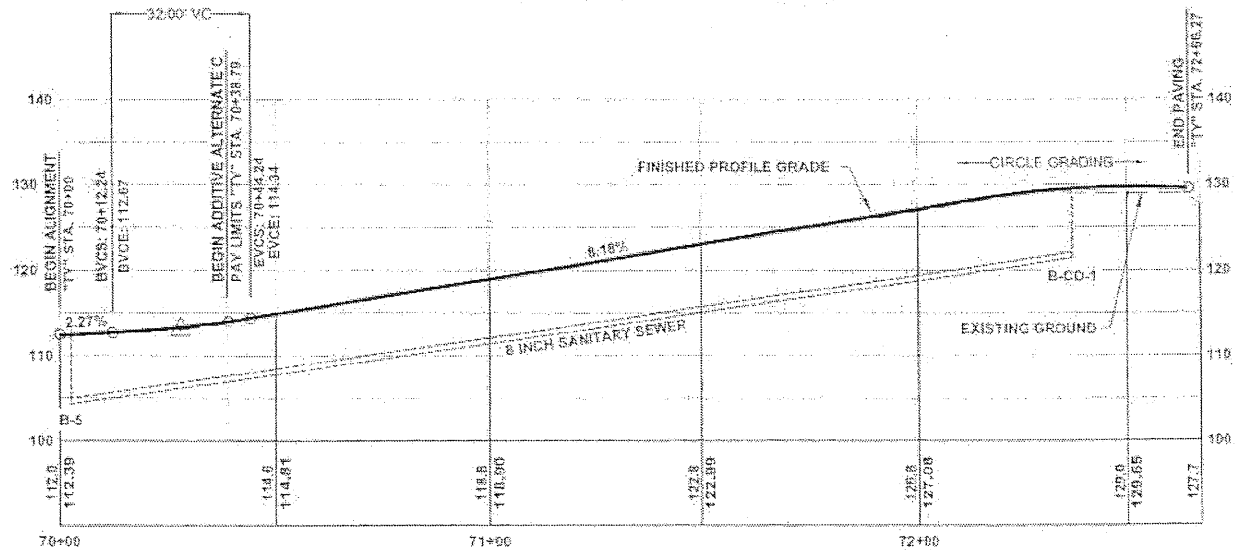
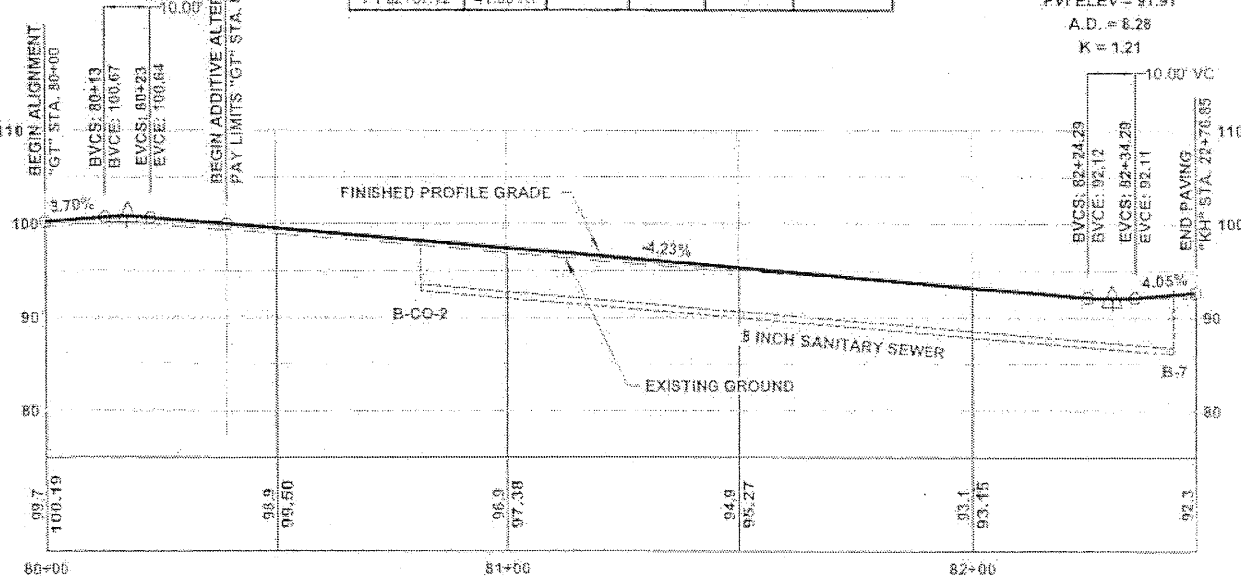
**ROW LOCATION**

STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
THOMAS YOUNG SR. CIRCLE					
70+52.85	23.24 RT				
70+51.45	26.78 LT				
PC 71+86.89	24.93 RT	15.00	12.30	11.95	S89-10-51E
PC 71+86.72	25.07 LT	15.00	12.15	11.82	N44-07-54E
PT 71+86.99	29.83 RT				
PT 71+97.65	28.59 LT				
RP 72+31.11	0.50 RT	45.00	217.84		

HIGH POINT ELEV = 109.76  
HIGH POINT STA = 80+17.66  
PVI STA = 80+18  
PVI ELEV = 100.86  
A.D. = -7.93  
K = 1.26

LOW POINT ELEV = 92.01  
LOW POINT STA = 82+29.40  
PVI STA = 82+29.29  
PVI ELEV = 91.91  
A.D. = 8.28  
K = 1.21

PVI STA = 70+28.24  
PVI ELEV = 113.03  
A.D. = 5.91  
K = 5.41

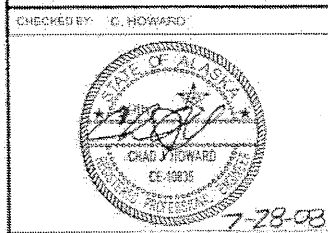


"GT" LINE PROFILE

"TY" LINE PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Neil* Date *9/19/11*



CHECKED BY: C. HOWARD

DESIGNED BY: C. F. VANSZEK  
DRAWN BY: R. SNYDER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
IMPROVEMENTS  
PROJECT # 69208 & 67733

**ADDITIVE ALTERNATE C  
PLAN & PROFILE**

PROJECT DESIGNATION:  
HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
F17	73

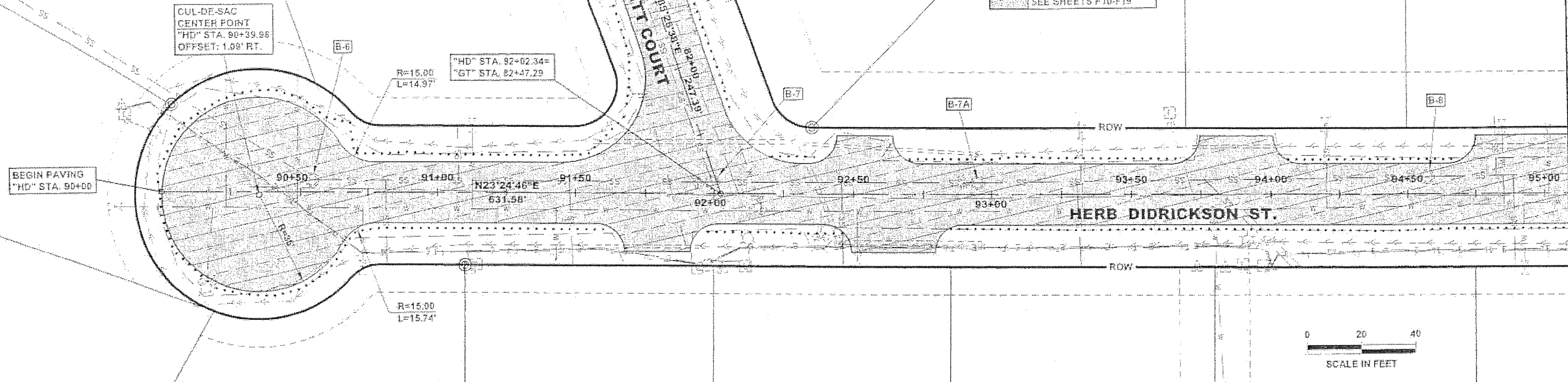
This plan sheet added in Supplemental Agreement #1.

ADDITIVE ALTERNATES A, B, C, & D SEE SHEETS F10-F19

PROJECT: 0933(34) PLANSET F1-19 PROJECT PLANDWG

KKSNYDER  
 PAR: F18 Monday, July 25, 2008 10:16:15 AM  
 ADDITIONAL NUMBER  
 ATTACHMENT NUMBER  
 RECORD OF REVISIONS

No.	DATE	DESCRIPTION

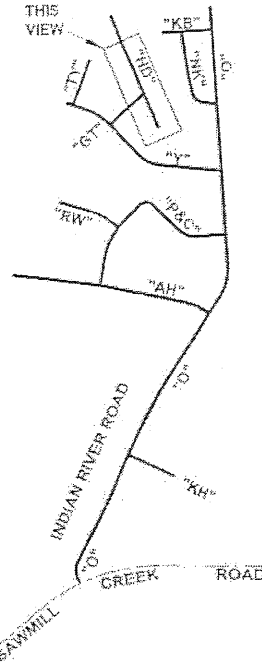


**ROW LOCATION**

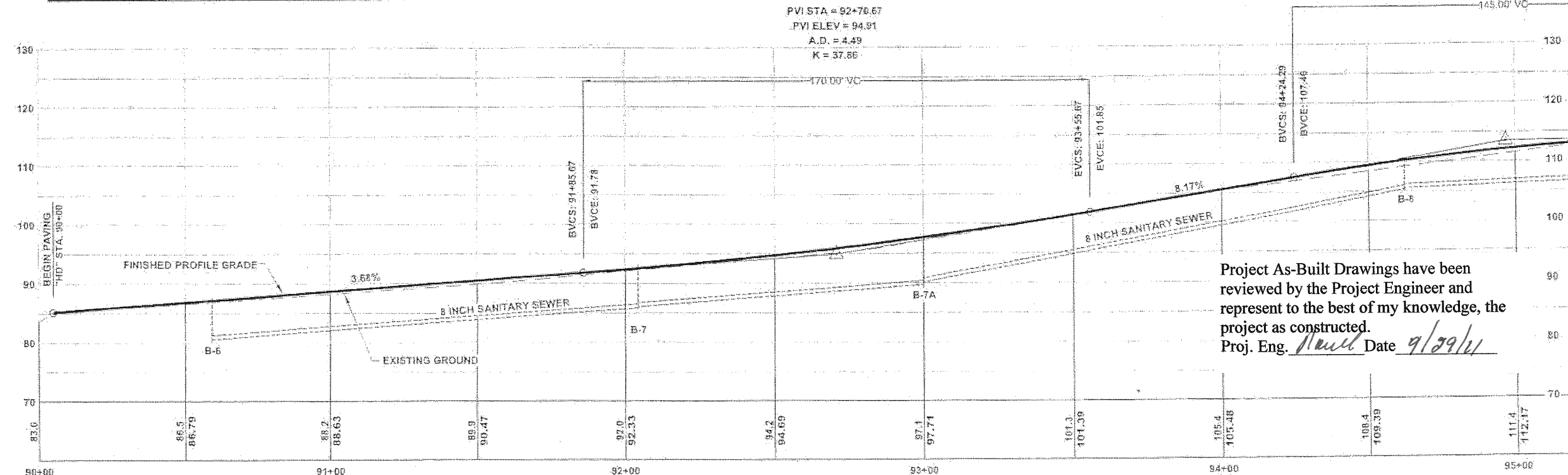
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
HERB DIDRICKSON STREET					
RP 90+40	1.02 RT	45.00	217.68		
PC 90+73.79	30.74 RT	15.00	12.70	11.87	N00-09-09E
PT 90+73.83	29.83 LT	15.00	12.29	11.57	N46-45-41E
PT 90+84.64	26.05 RT				
PC 90+84.73	23.95 LT				
PT 91+54.93	23.89 LT	15.00	28.89	24.63	N31-43-15W
PT 91+68.91	44.10 LT				
PC 92+26.11	33.82 LT	15	16.23	17.13	N58-10-26E
PT 92+40.17	23.83 LT				
95+64.64	26.50 RT				
95+64.64	23.50 LT				

**ADDITIVE ALTERNATE C "HD" LINE PLAN**

**NOTE:**  
 ADDITIVE ALTERNATE C INCLUDES:  
 GIL TRUITT COURT  
 THOMAS YOUNG SR. CIRCLE  
 HERB DIDRICKSON STREET

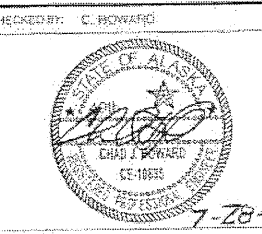


PVI STA = 94+96.79  
 PVI ELEV = 113.38  
 A.D. = -7.47  
 K = 19.41



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Handwritten Signature* Date *9/29/11*

**PLAN LEGEND**



DESIGNED BY: C. IVANYSZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS  
 PROJECT # 69208 & 67733  
**ADDITIVE ALTERNATE C PLAN & PROFILE**

PROJECT DESIGNATION:  
 HPRM-0933(34)/HPRM-0933(35)

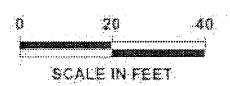
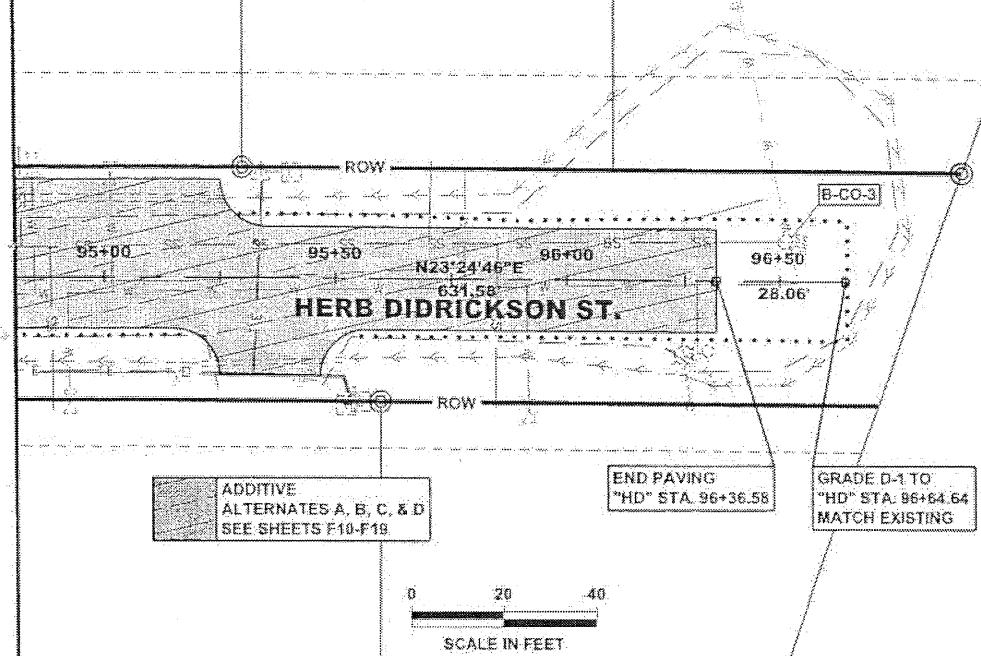
STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
F18	73

**"HD" LINE PROFILE**

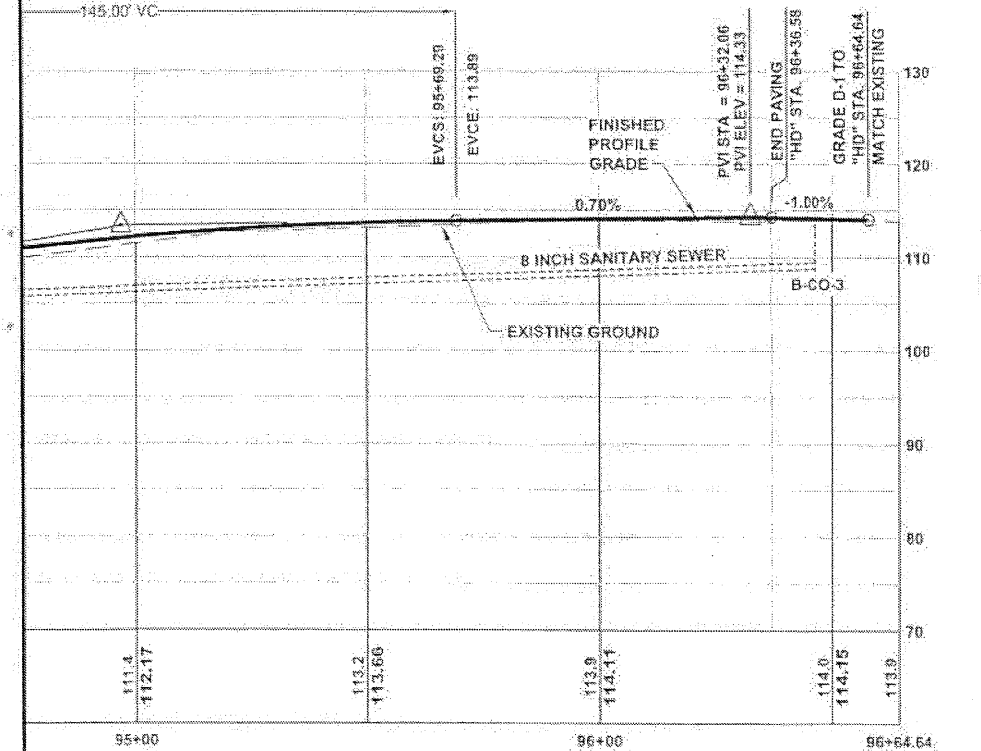
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

**NOTE:**  
ADDITIVE ALTERNATE C INCLUDES:  
GIL TRUITT COURT  
THOMAS YOUNG SR. CIRCLE  
HERB DIDRICKSON STREET



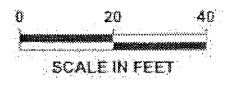
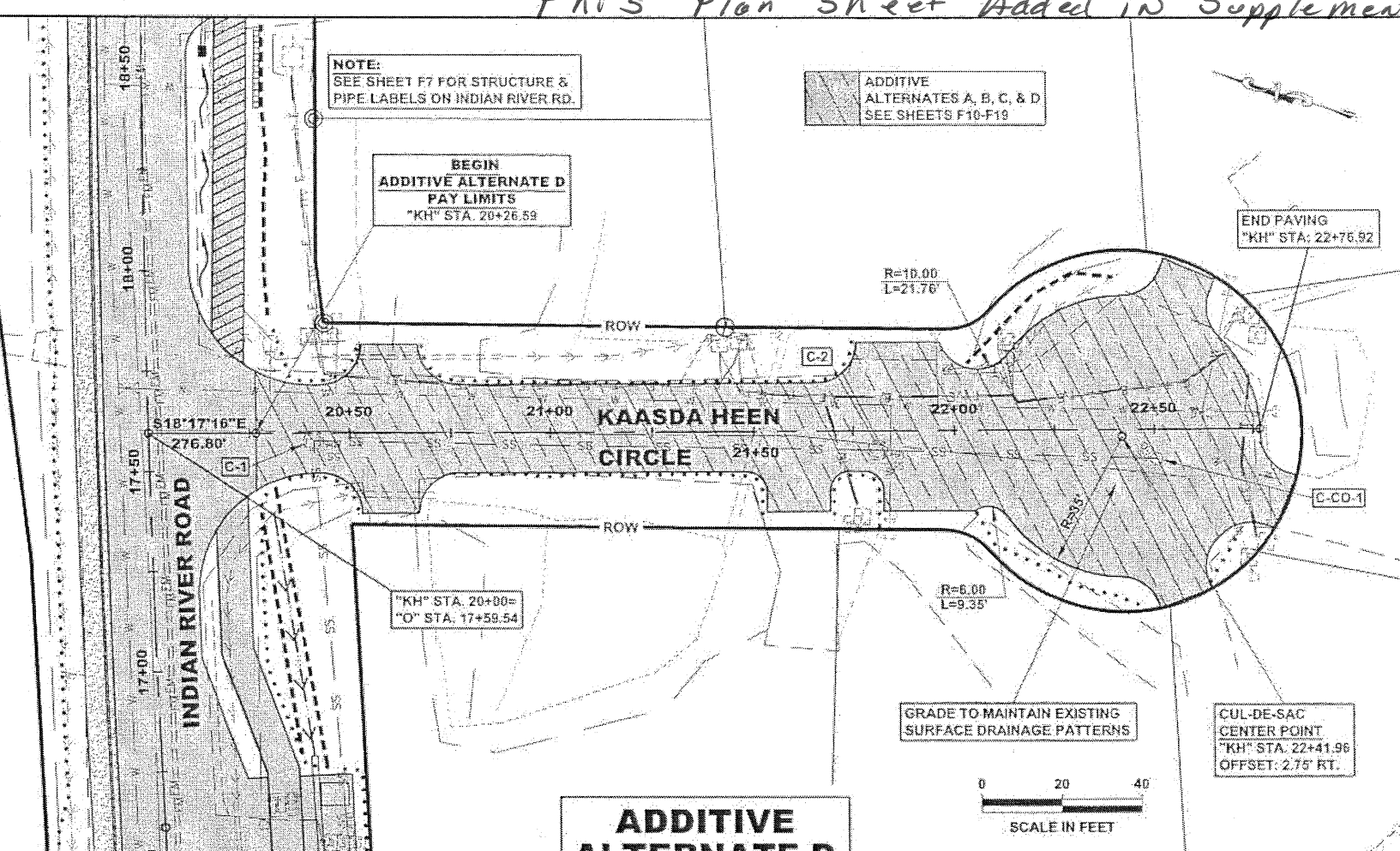
**ADDITIVE ALTERNATE C "HD" LINE PLAN**

PVI STA = 94+96.79  
PVI ELEV = 113.38  
A.D. = -7.47  
K = 19.41



**"HD" LINE PROFILE**

**NOTE:**  
SEE SHEET F7 FOR STRUCTURE & PIPE LABELS ON INDIAN RIVER RD.

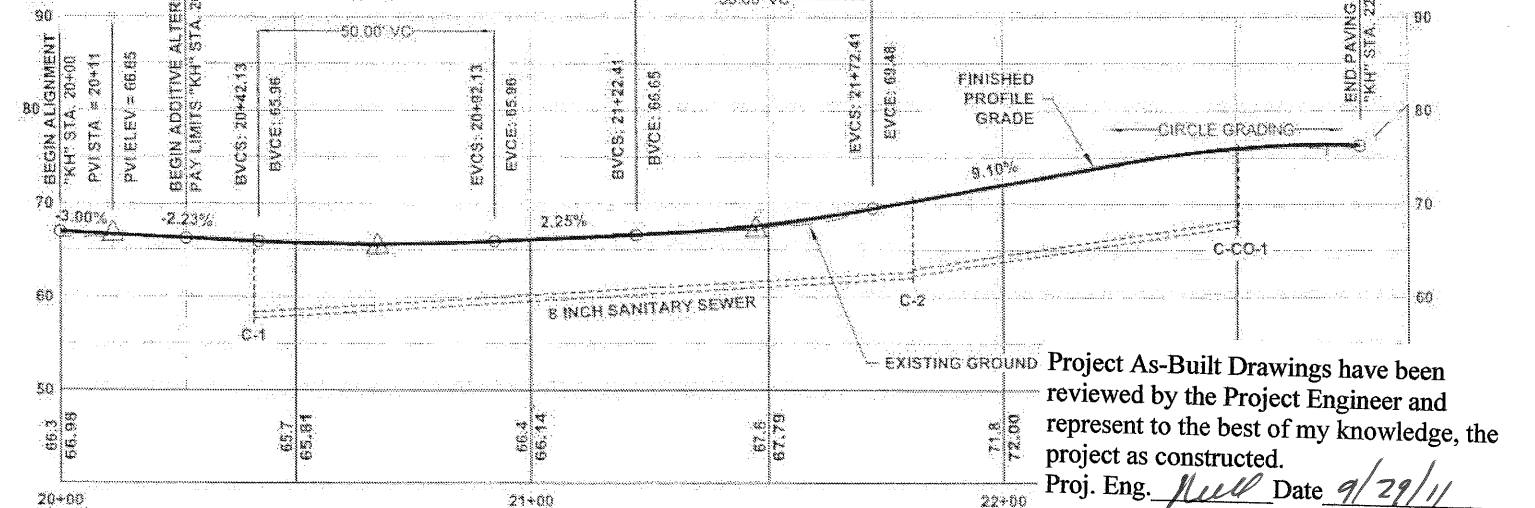


**ADDITIVE ALTERNATE D "KH" LINE PLAN**

**NOTE:**  
ADDITIVE ALTERNATE D INCLUDES:  
KAASDA HEEN CIRCLE

LOW POINT ELEV = 65.68  
LOW POINT STA = 20+56.98  
PVI STA = 20+67.13  
PVI ELEV = 65.40  
A.D. = 4.48  
K = 11.16

PVI STA = 21+47.41  
PVI ELEV = 67.21  
A.D. = 6.85  
K = 7.30



**"KH" LINE PROFILE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ROW LOCATION					
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
KAASDA HEEN CIRCLE					
20+44.08	26.34 LT				
20+50.22	23.72 RT				
PC 21+57.83	24.16 LT	15.00	13.14	12.73	S41-34-20E
PG 21+57.12	25.80 RT	15.00	13.14	12.73	S06-37-03W
PT 22+08.52	29.19 LT				
PI 22+08.66	31.16 RT				
RP 22+42.47	1.46 RT	45.00	218.59		

PATH: D:\SIT\6796\PLANSET\67951\_J\_DETAILS.DWG

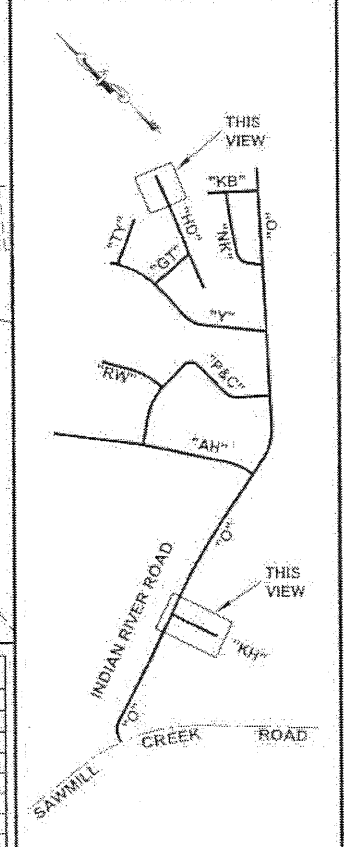
RKS/SYDER  
TAG: F19 Friday, August 01, 2008 3:06:37 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

8-1-08

DESIGNED BY: C. RANISZEK  
DRAWN BY: R. SNYDER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS  
PROJECT # 69208 & 67733

**ADDITIVE ALTERNATE C & D PLAN & PROFILE**

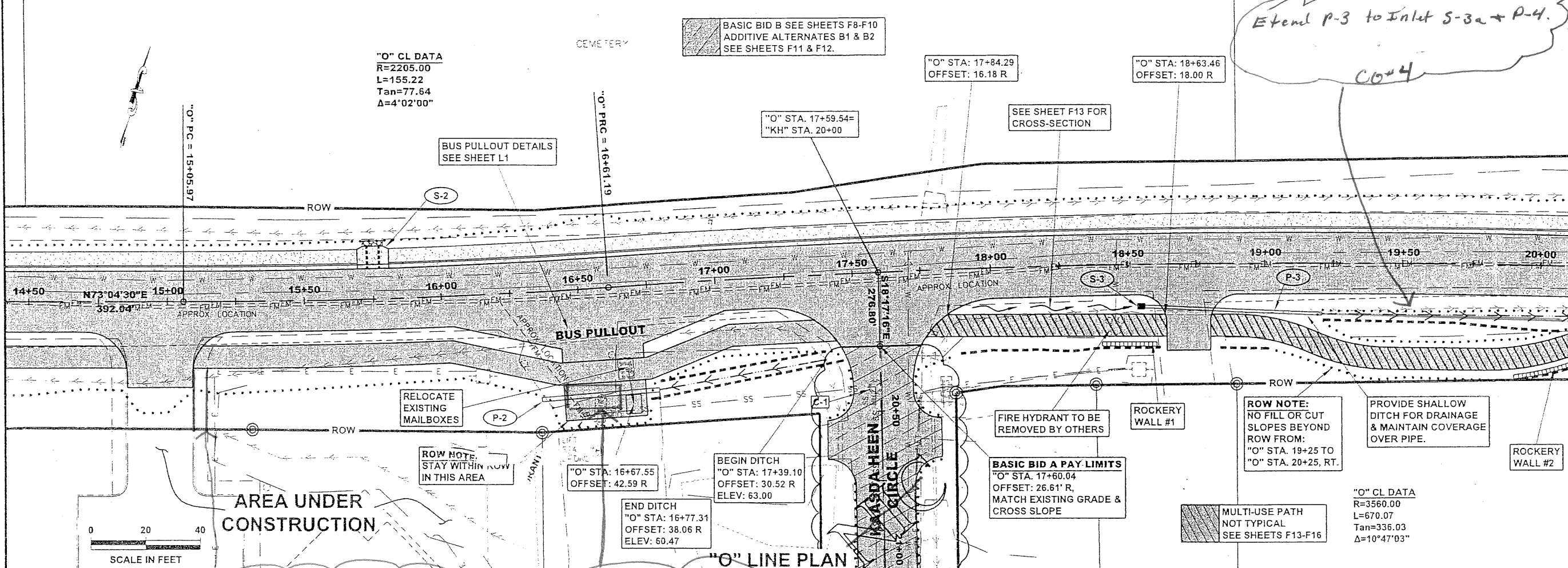
PROJECT DESIGNATION: HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
F19	73

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 9/29/11



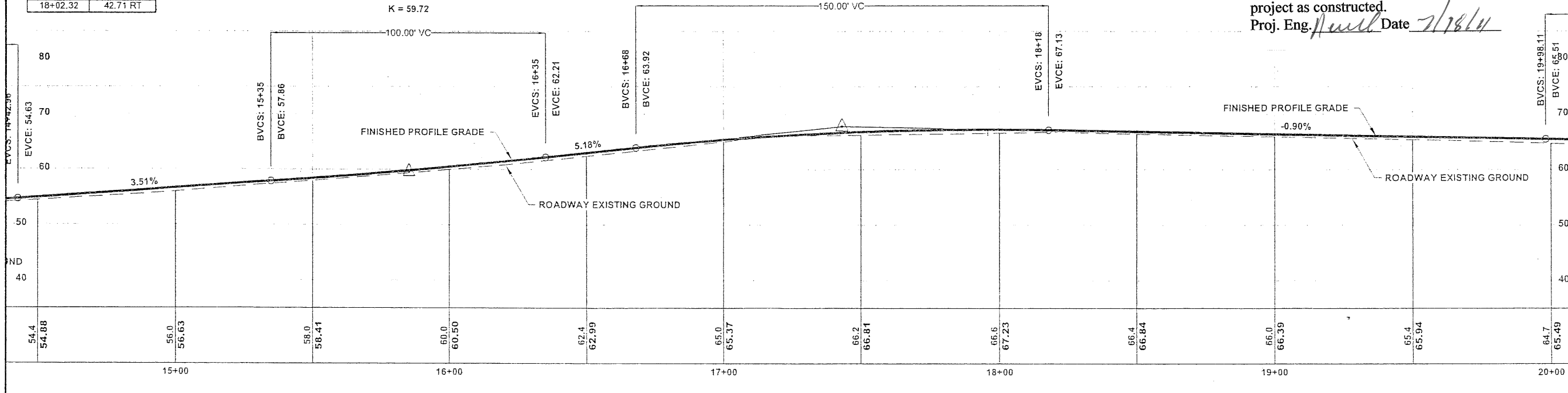


STATION	OFFSET
INDIAN RIVER ROAD	
16+36.09	29.40 LT
16+33.92	50.63 RT
17+29.51	30.09 LT
17+34.08	49.84 RT
17+35.54	49.70 RT
17+98.52	37.39 LT
17+86.37	44.49 RT
18+02.32	42.71 RT

PVI STA = 15+85  
 PVI ELEV = 59.62  
 A.D. = 1.67  
 K = 59.72

HIGH POINT ELEV = 67.23  
 HIGH POINT STA = 17+95.75  
 PVI STA = 17+43  
 PVI ELEV = 67.81  
 A.D. = -6.09  
 K = 24.64

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/7/8/4*

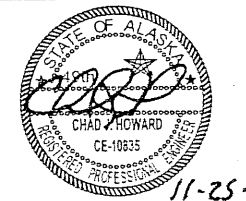


"O" LINE PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN LEGEND

CHECKED BY: C. HOWARD



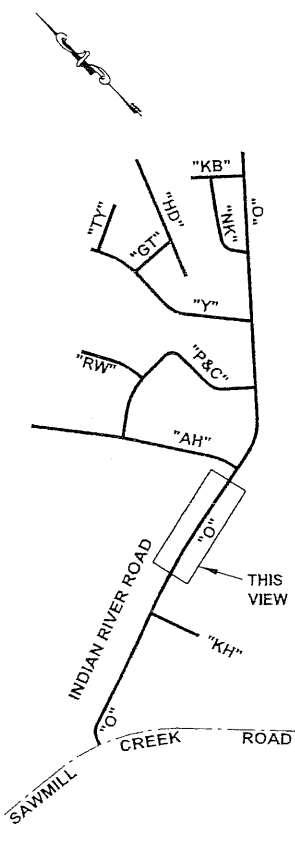
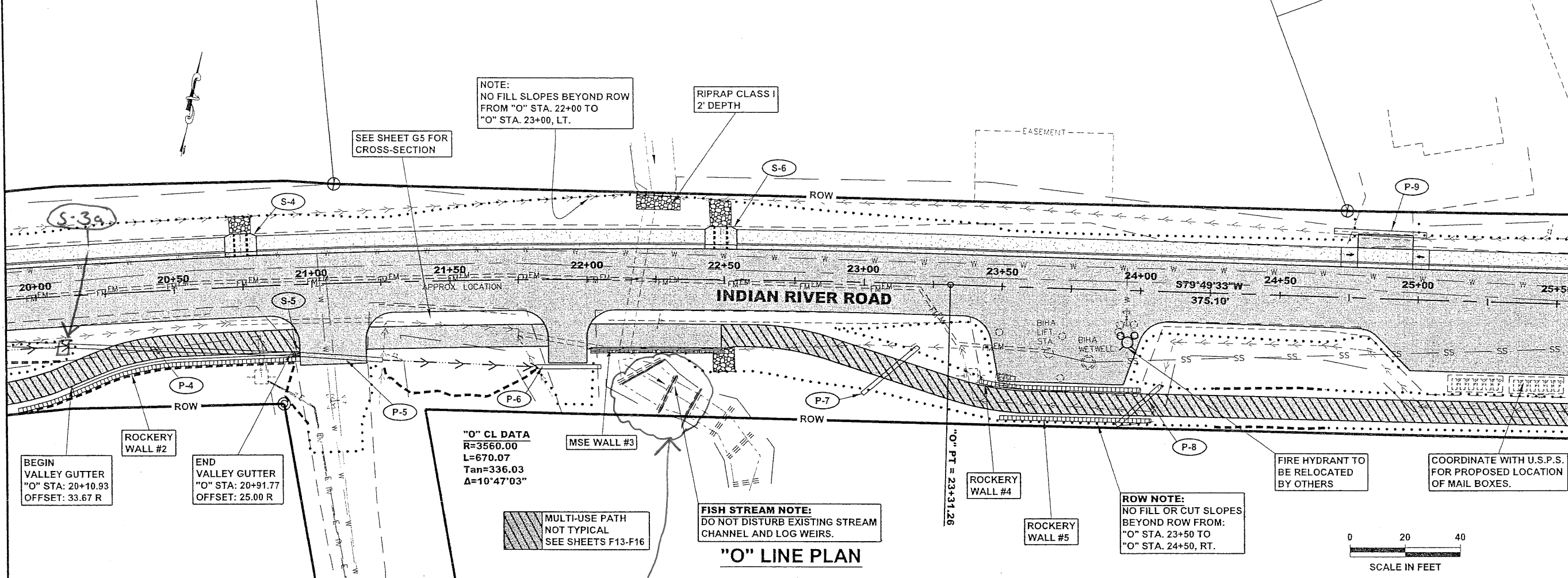
DESIGNED BY: C. VANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

BASIC BID A  
 PLAN & PROFILE

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS

F2 63



*Replace Log weirs CO+2.*

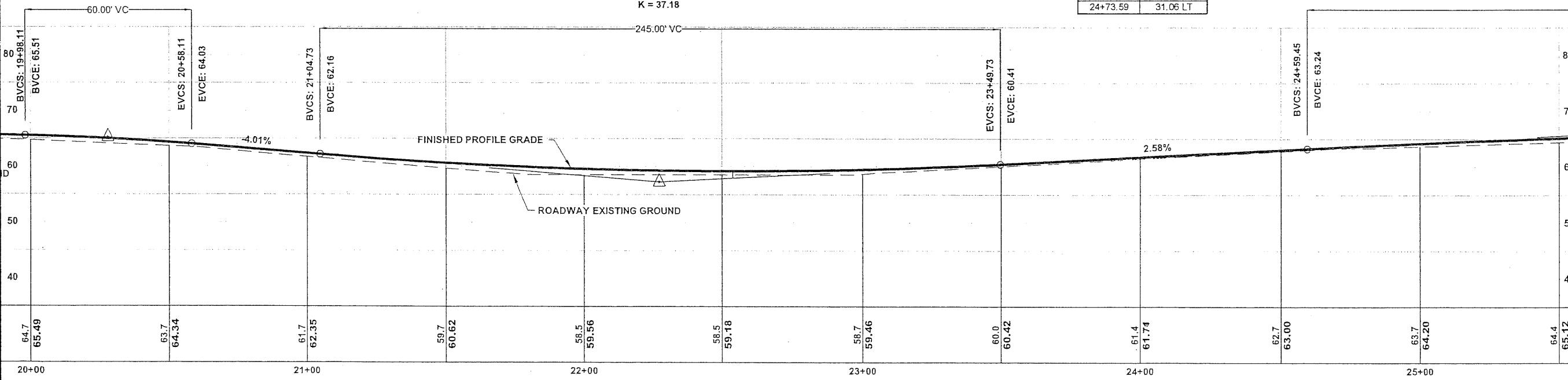
**ROW LOCATION**

STATION	OFFSET
INDIAN RIVER ROAD	
20+09.98	39.41 LT
20+10.08	40.65 RT
20+92.37	37.31 LT
20+88.26	42.64 RT
21+09.34	35.55 LT
21+39.91	46.12 RT
24+74.18	48.94 RT
24+73.59	31.06 LT

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Null* Date *7/19/14*

PVI STA = 20+28.11  
 PVI ELEV = 65.24  
 A.D. = -3.11  
 K = 19.31

LOW POINT ELEV = 59.17  
 LOW POINT STA = 22+53.82  
 PVI STA = 22+27.23  
 PVI ELEV = 57.25  
 A.D. = 6.59  
 K = 37.18



**"O" LINE PROFILE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

**STATE OF ALASKA**  
 CHAD J. HOWARD  
 CE-10835  
 11-25-08  
 PROFESSIONAL ENGINEER

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

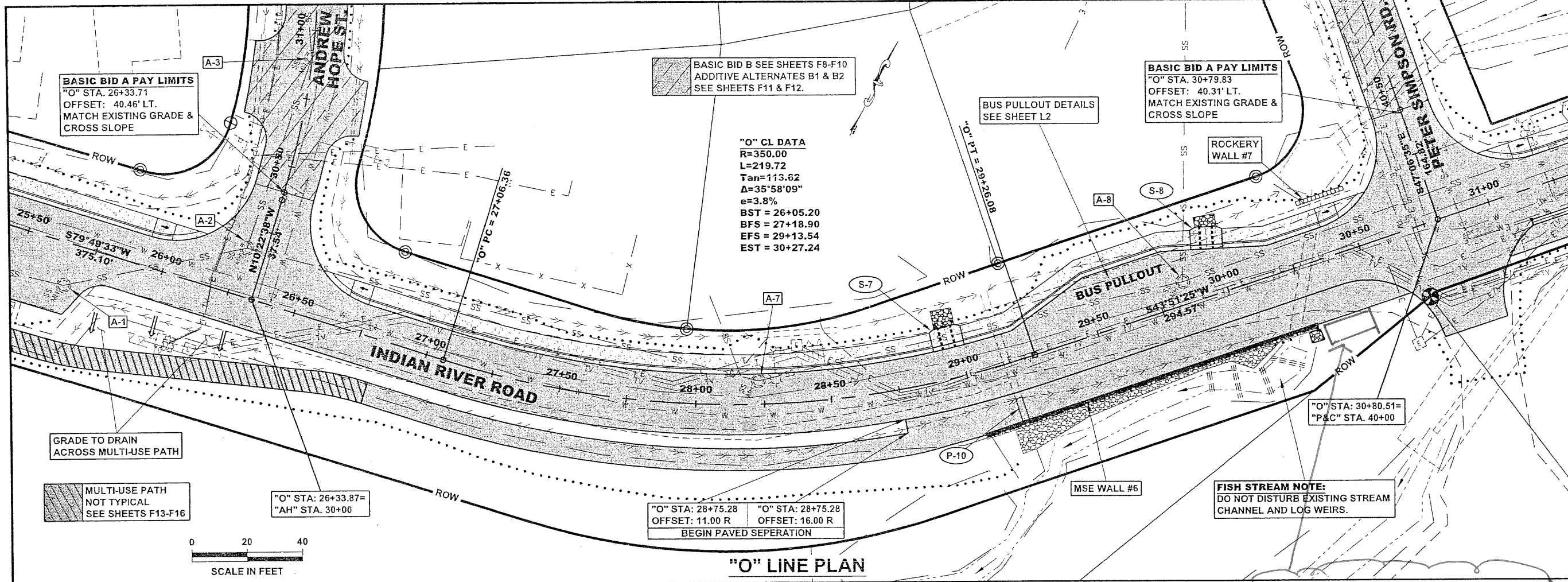
**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733**

**BASIC BID A PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F3	63

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



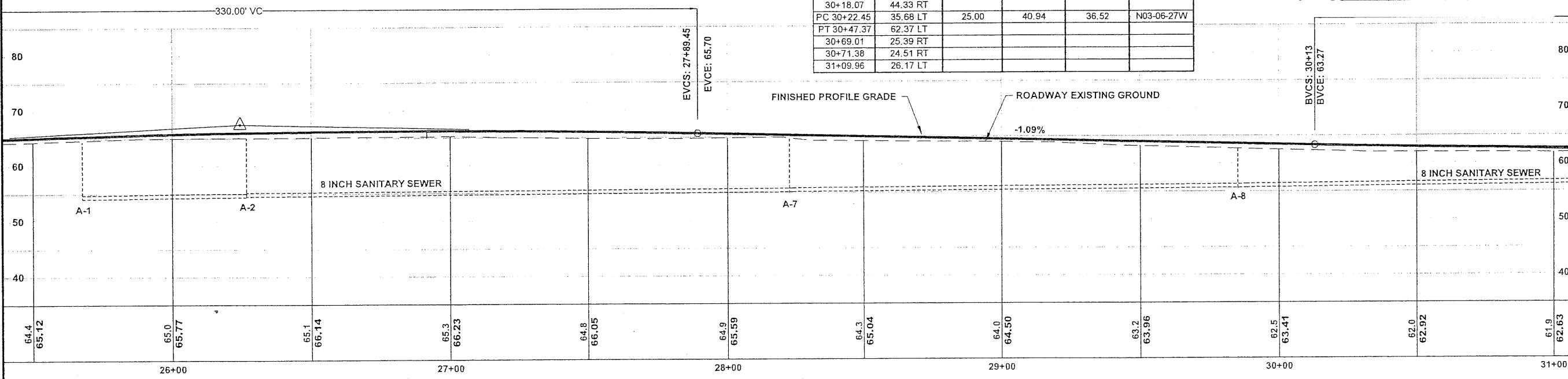
"O" LINE PLAN

ROW LOCATION					
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
INDIAN RIVER ROAD					
PC 25+83.06	32.54 LT	25.00	39.93	35.82	N33-32-25E
PT 26+07.81	58.43 LT				
PC 26+56.34	57.68 LT	25.00	39.00	35.16	S55-50-27E
PT 26+81.49	33.11 LT				
PC 27+48.48	49.33 RT	245.00	151.82	149.4	N61-33-44E
PC 27+57.73	30.11 LT	165.00	102.69	101.04	N61-38-21E
PT 28+80.45	47.82 RT				
PT 28+68.95	31.32 LT				
30+18.07	44.33 RT				
PC 30+22.45	35.68 LT	25.00	40.94	36.52	N03-06-27W
PT 30+47.37	62.37 LT				
30+69.01	25.39 RT				
30+71.38	24.51 RT				
31+09.96	26.17 LT				

*Install Bus Shelter - CO#3.*

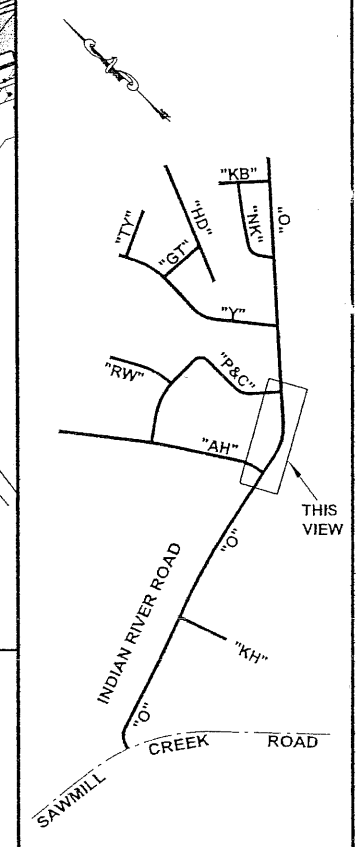
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neil* Date *7/18/10*

HIGH POINT ELEV = 66.24  
 HIGH POINT STA = 26+91.55  
 PVI STA = 26+24.45  
 PVI ELEV = 67.50  
 A.D. = -3.67  
 K = 89.98



"O" LINE PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

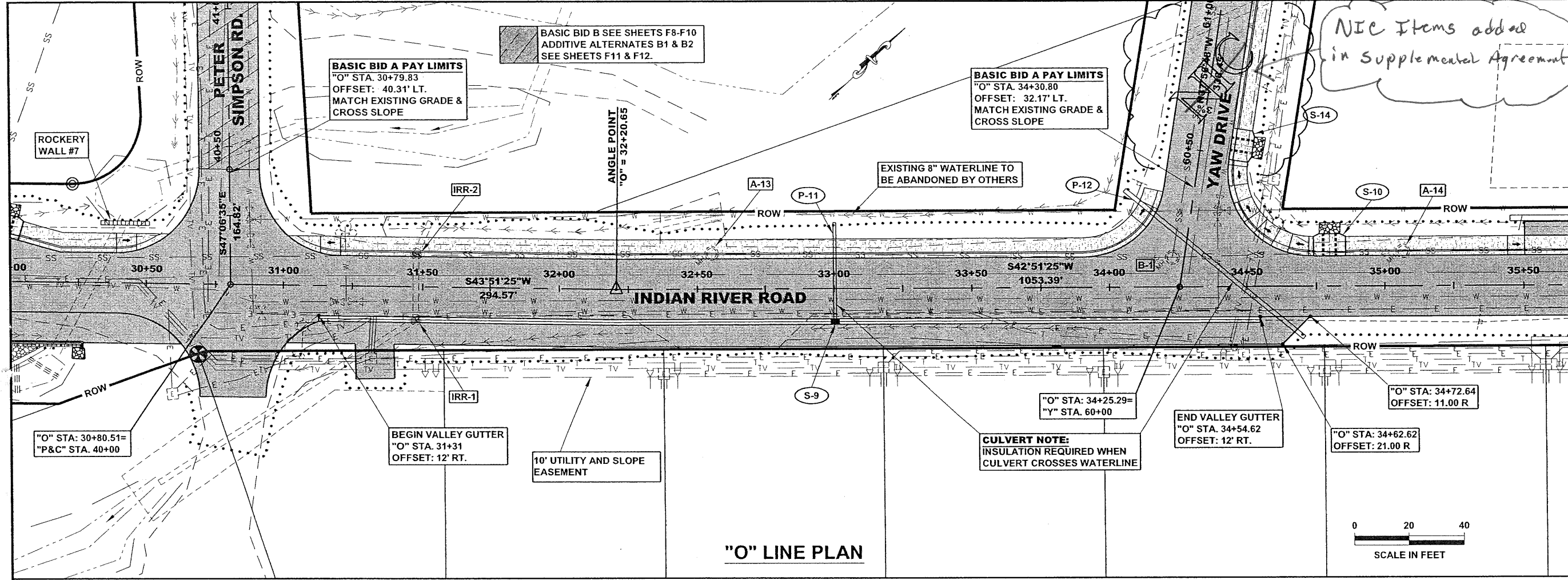
SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**BASIC BID A  
 PLAN & PROFILE**

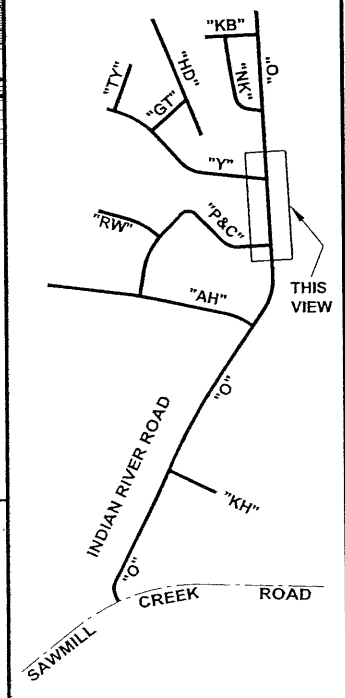
PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F4	63

*NIC Items added  
 in Supplemental Agreement.*



"O" LINE PLAN



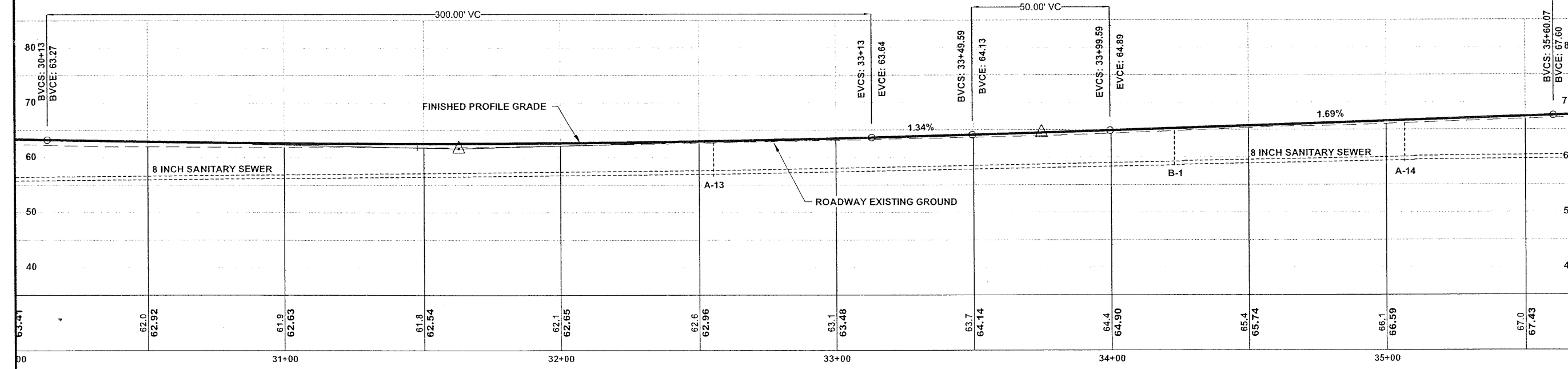
PLAN LEGEND

**ROW LOCATION**

STATION	OFFSET
INDIAN RIVER ROAD	
34+02.18	28.10 LT
34+63.01	28.10 LT

LOW POINT ELEV = 62.54  
 LOW POINT STA = 31+47.59  
 PVI STA = 31+63  
 PVI ELEV = 61.64  
 A.D. = 2.43  
 K = 123.70

PVI STA = 33+74.59  
 PVI ELEV = 64.47  
 A.D. = 0.35  
 K = 142.28



"O" LINE PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

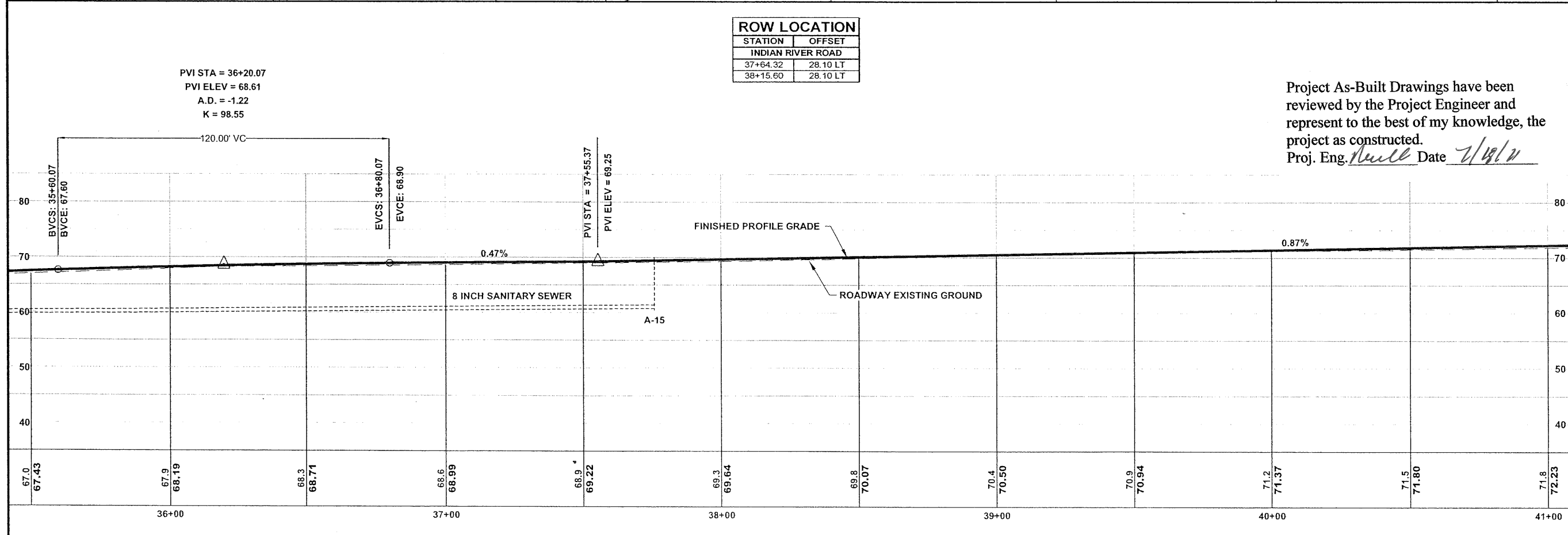
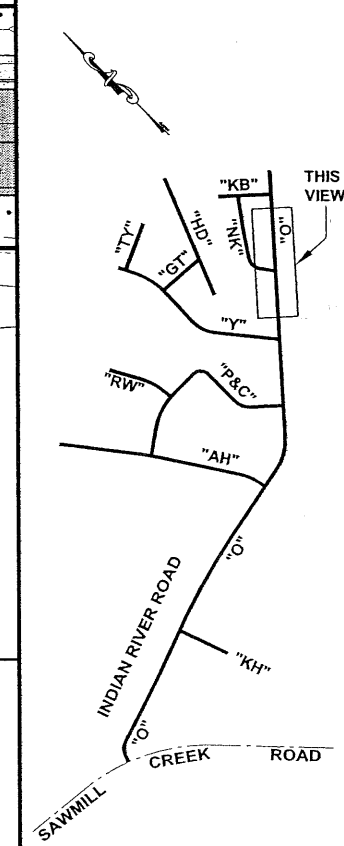
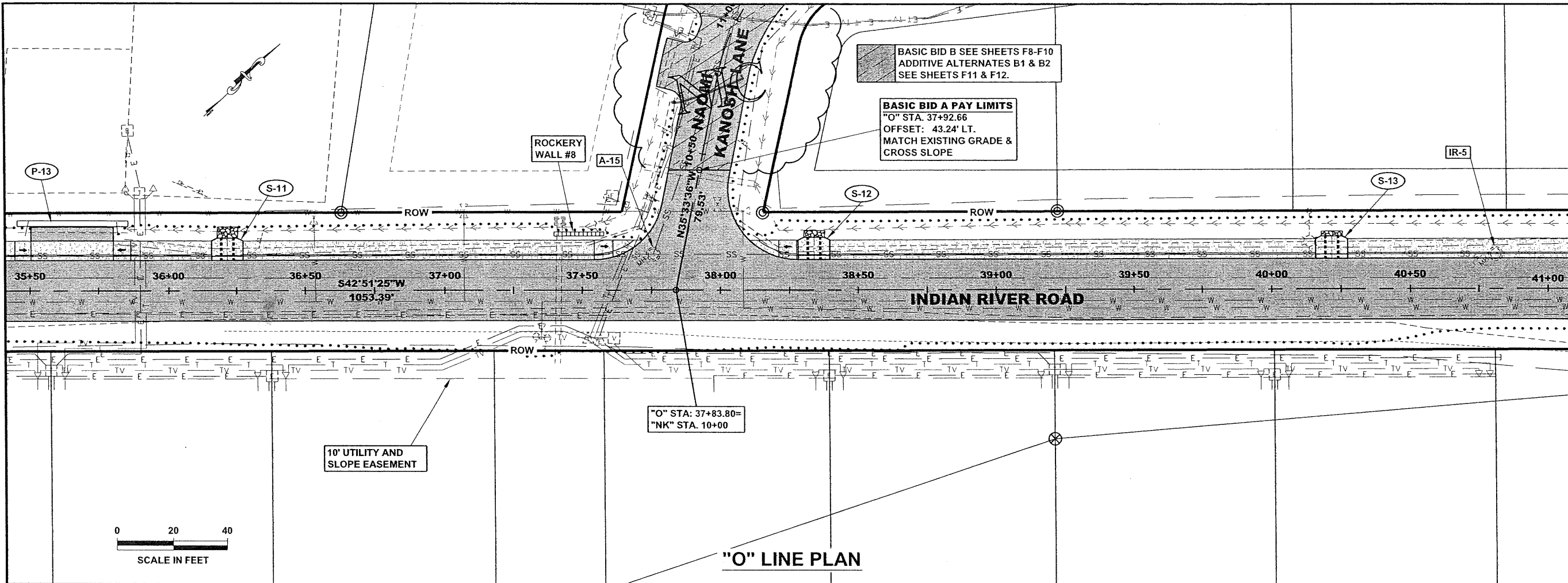
**BASIC BID A  
 PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

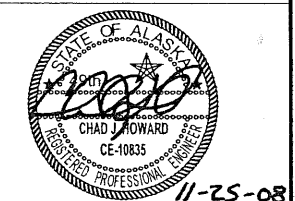
STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
F5	63

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Howell* Date *2/18/10*



DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733**

**BASIC BID A  
 PLAN & PROFILE**

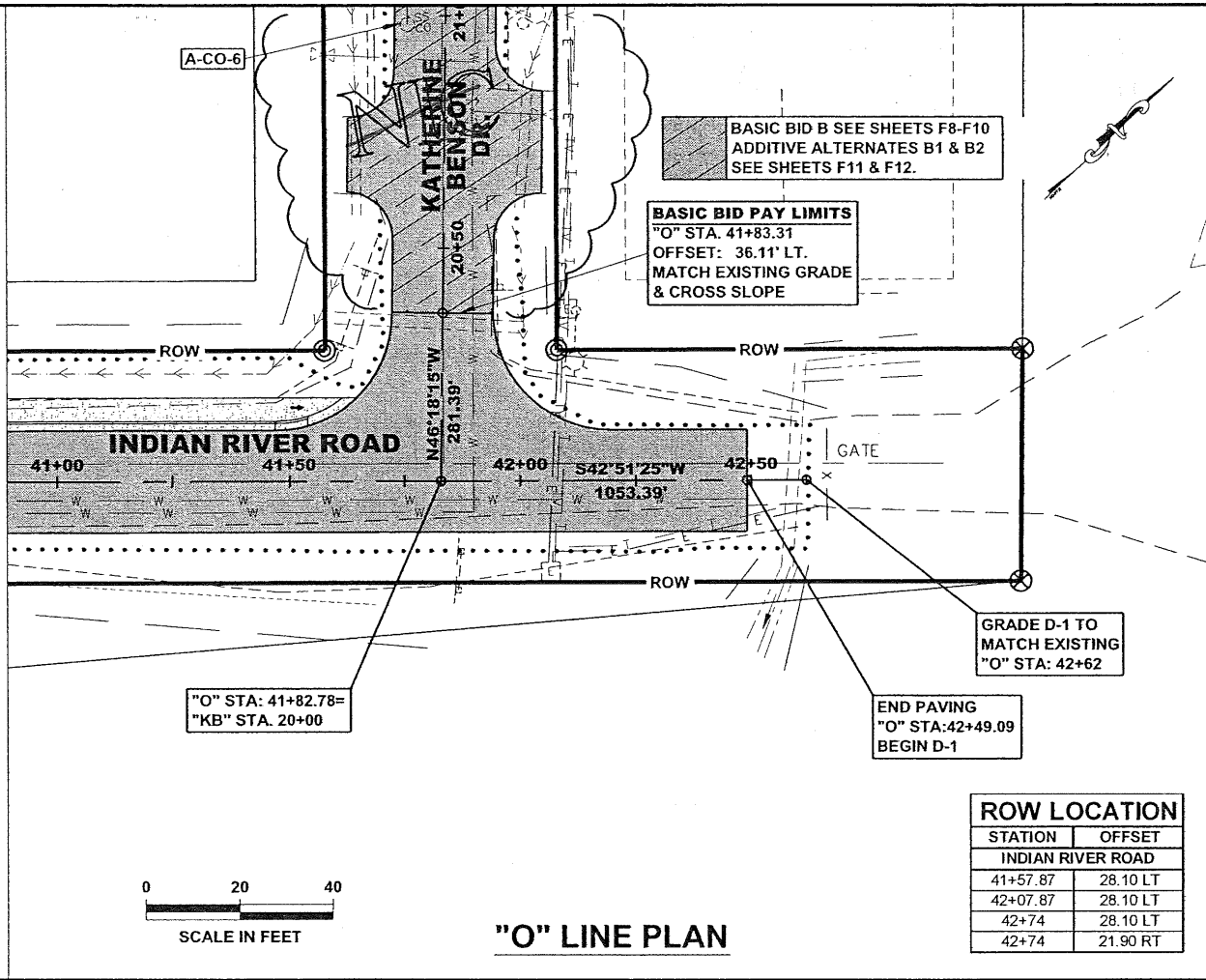
PROJECT DESIGNATION  
**HPRM-0933(34)/HPRL-0933(35)**

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F6	63

**"O" LINE PROFILE**

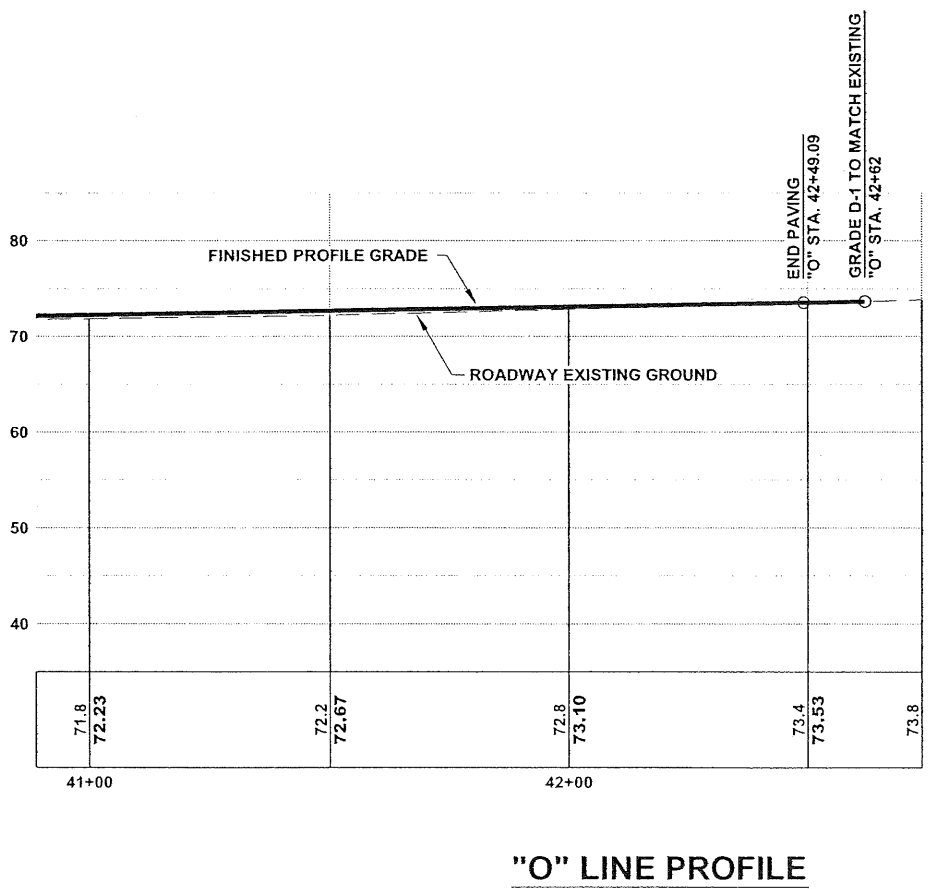
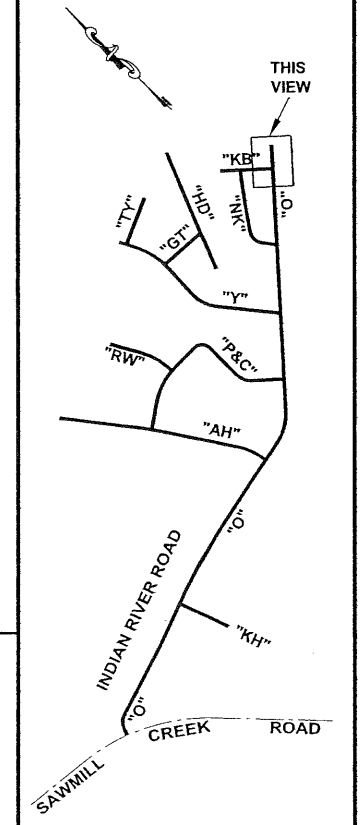
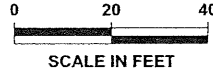
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**ROW LOCATION**

STATION	OFFSET
INDIAN RIVER ROAD	
41+57.87	28.10 LT
42+07.87	28.10 LT
42+74	28.10 LT
42+74	21.90 RT



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *7/18/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

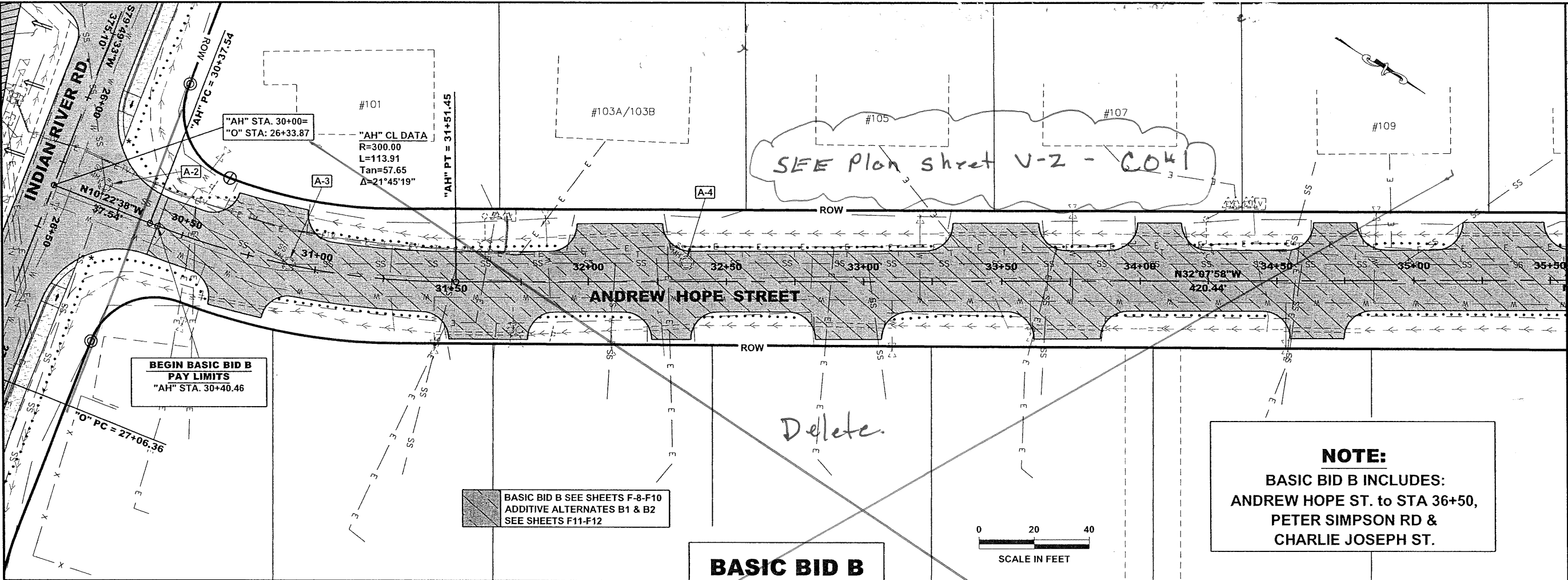
**BASIC BID A  
 PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
F7	63

WILSON, BRIAN G (DOT)  
 TAB: F8 Tuesday, November 25, 2008 11:34:  
 ADDENDUM NUMBER  
 ATTACHMENT NUMBER  
 RECORD OF REVISIONS

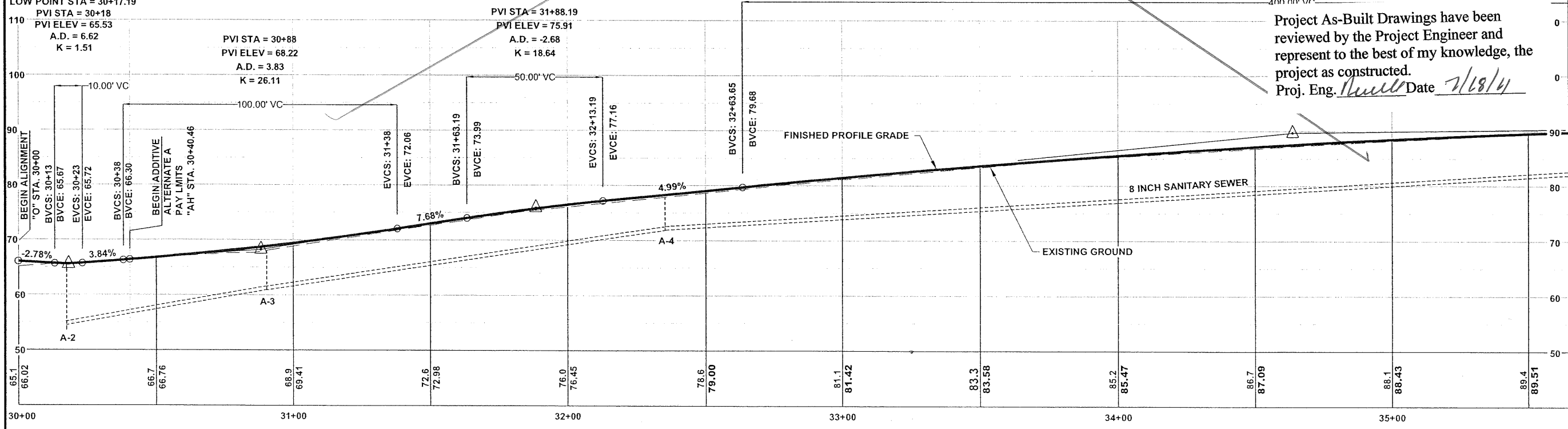
No.	DATE	DESCRIPTION



**ROW LOCATION**

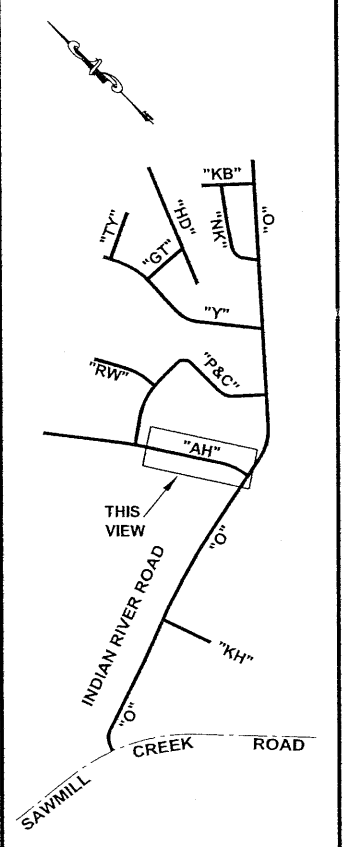
STATION	OFFSET	RADIUS	LENGTH	CHORD	BEARING
ANDREW HOPE STREET					
PC 30+56.17	23.30 RT	225.00	81.35	80.91	N21-20-43W
PC 30+60.45	25.04 LT	175.00	61.97	61.65	N21-43-01W
PT 31+31.48	22.99 RT				
PT 31+27.92	25.61 LT				

**BASIC BID B  
 "AH" LINE PLAN**



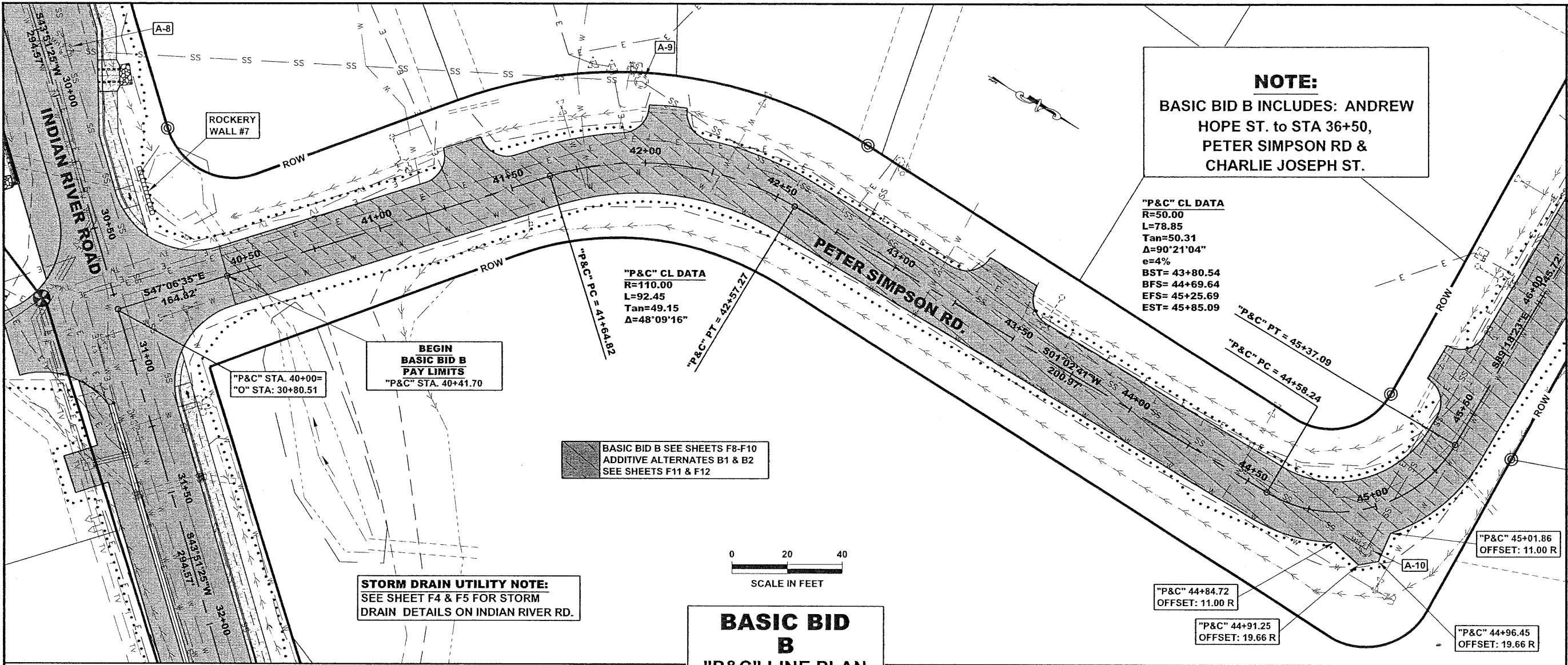
**"AH" LINE PROFILE**

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

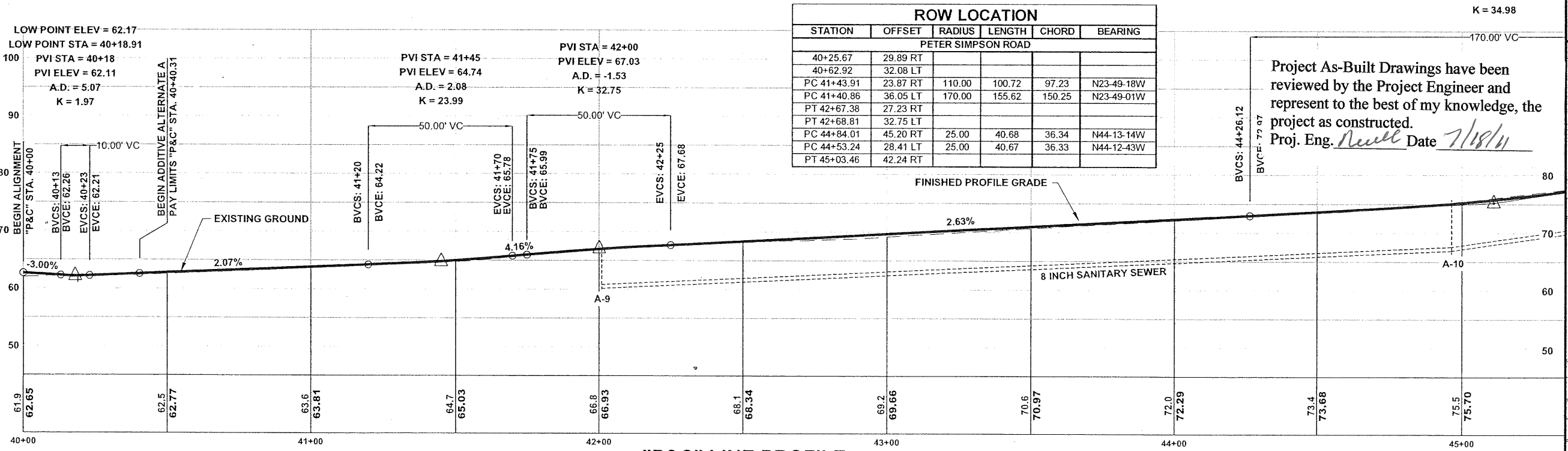
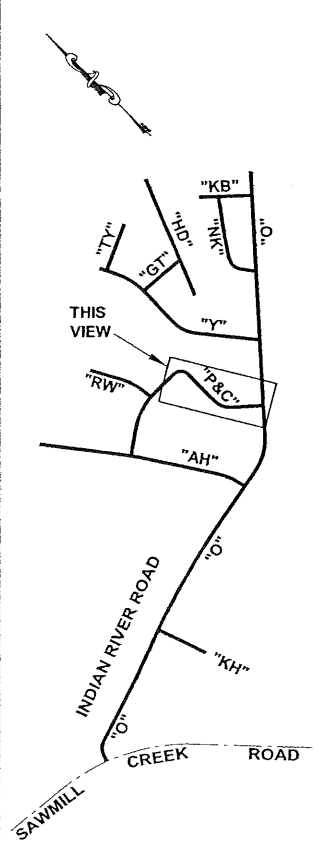


WILSON, BRIAN G (DOT)  
 TAB: F9 Tuesday, November 25, 2008 11:34:  
 ADDENDUM NUMBER  
 ATTACHMENT NUMBER  
 RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**BASIC BID B**  
**"P&C" LINE PLAN**



**"P&C" LINE PROFILE**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neill* Date *7/18/11*

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733**

**BASIC BID B PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008

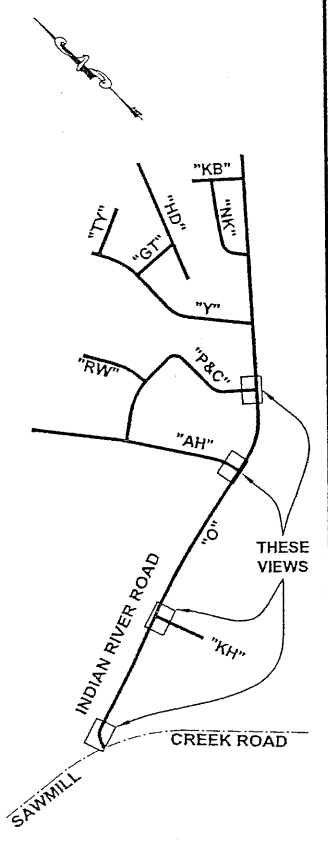
SHEET NUMBER	TOTAL SHEETS
F9	63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



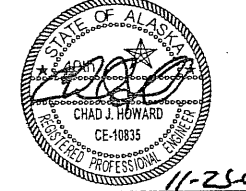
ADDENDUM NUMBER		
ATTACHMENT NUMBER		

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

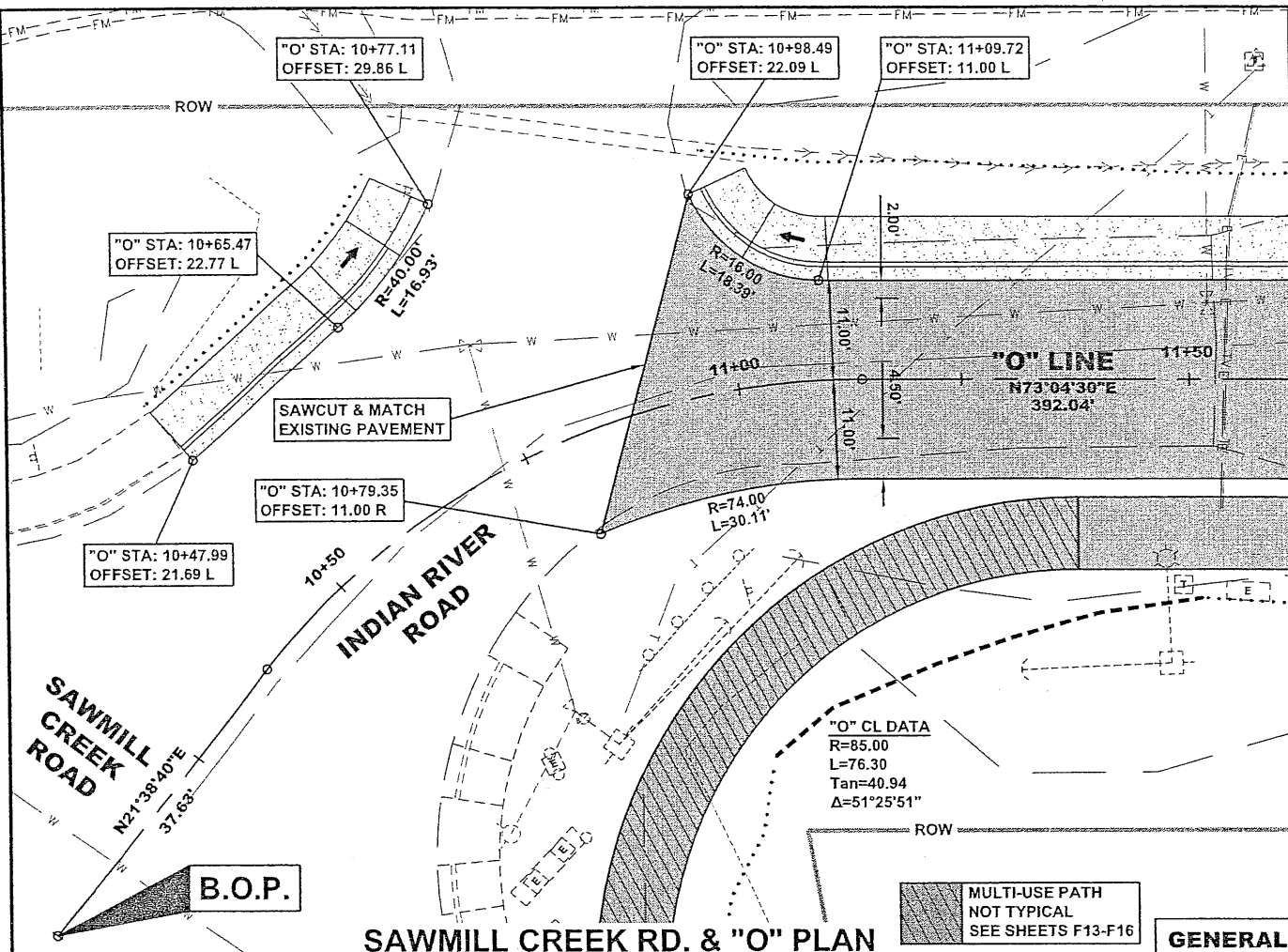
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733  
 INTERSECTION/  
 DRIVEWAY  
 PLAN & PROFILE**

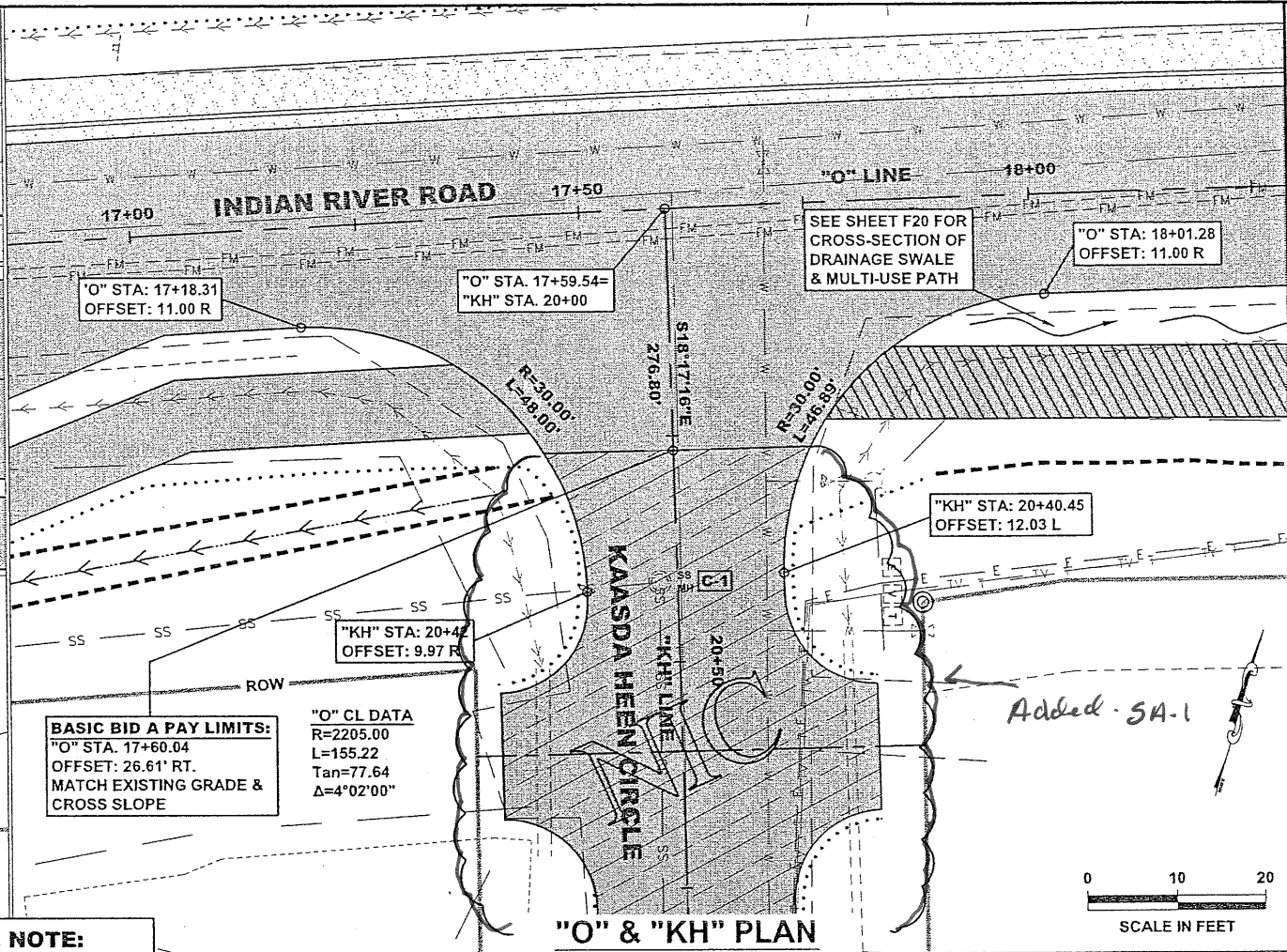
PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008

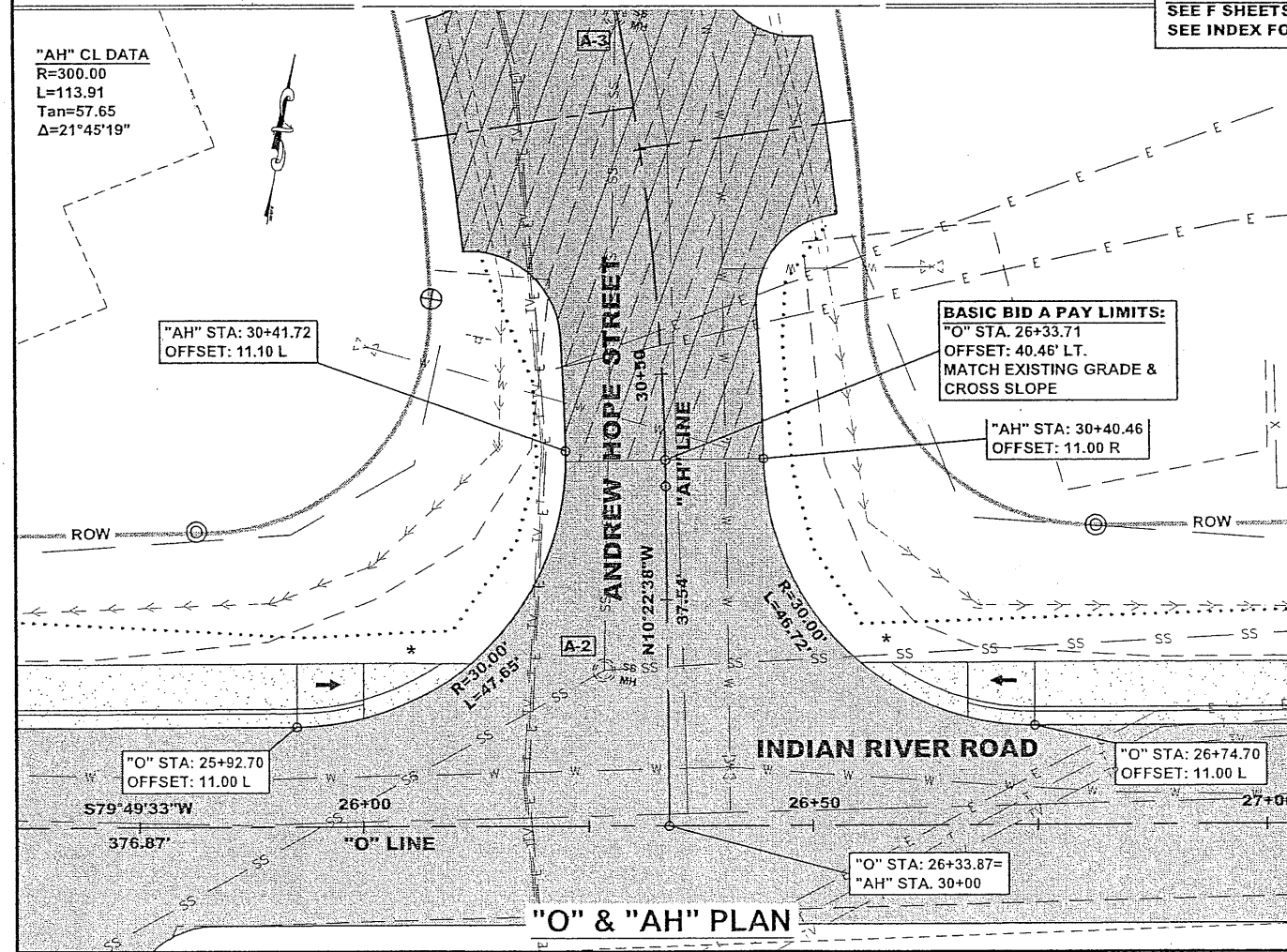
SHEET NUMBER	TOTAL SHEETS
G1	63



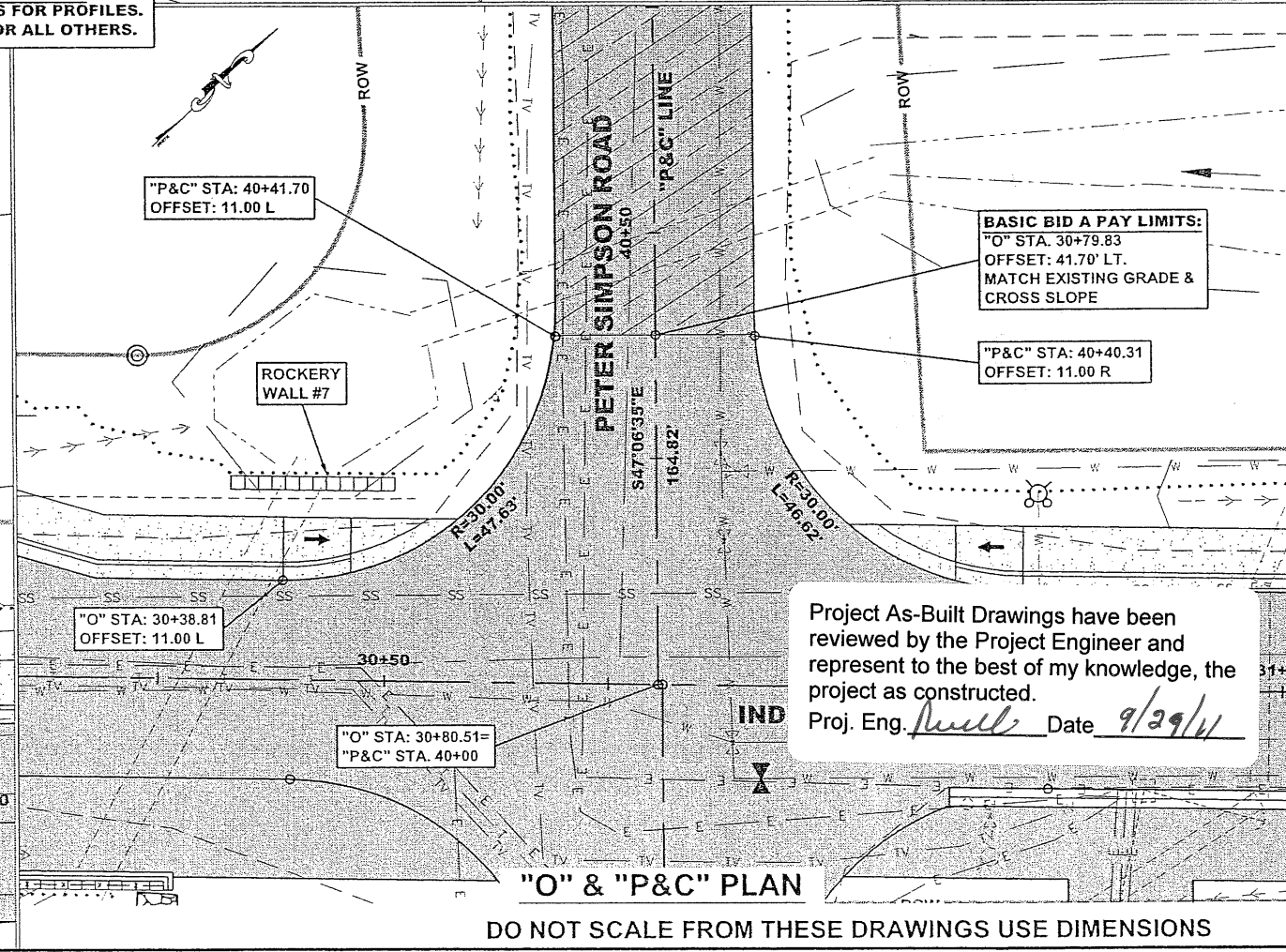
**"O" & "AH" PLAN**



**"O" & "KH" PLAN**



**"O" & "P&C" PLAN**



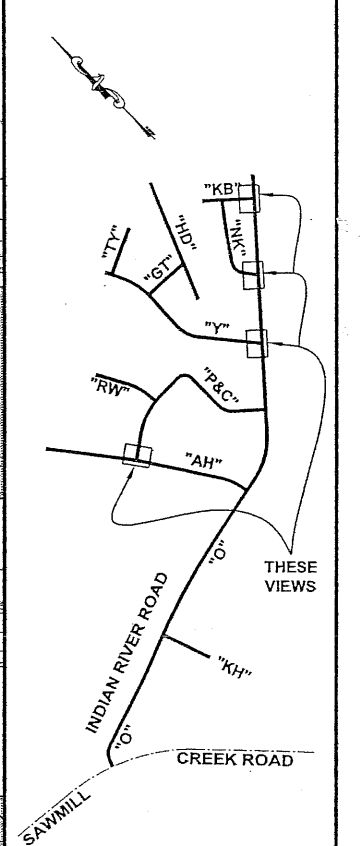
**"O" & "P&C" PLAN**

**GENERAL NOTE:**  
 SEE F SHEETS FOR PROFILES.  
 SEE INDEX FOR ALL OTHERS.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *9/29/11*

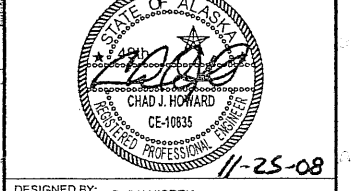
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD



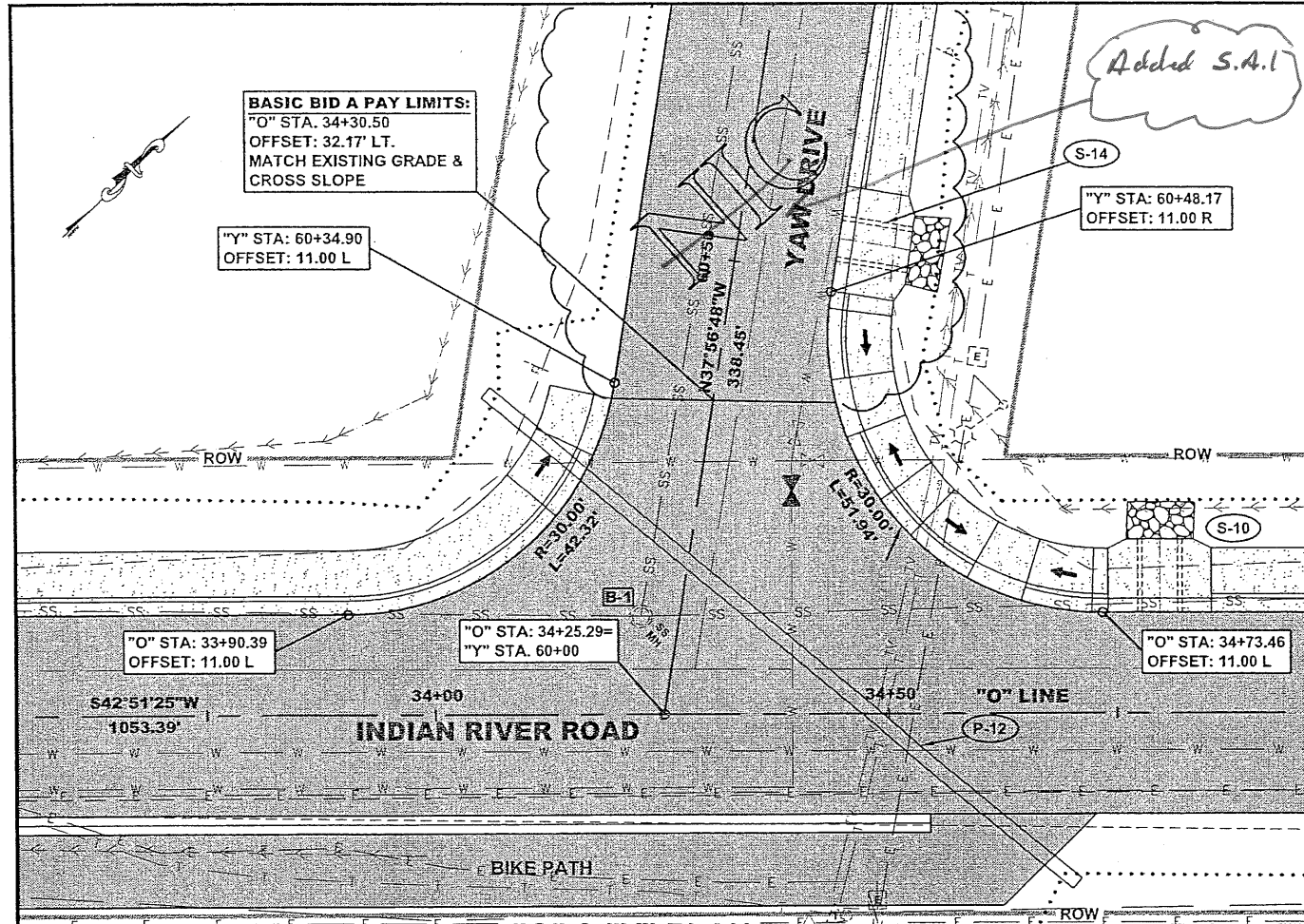
DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

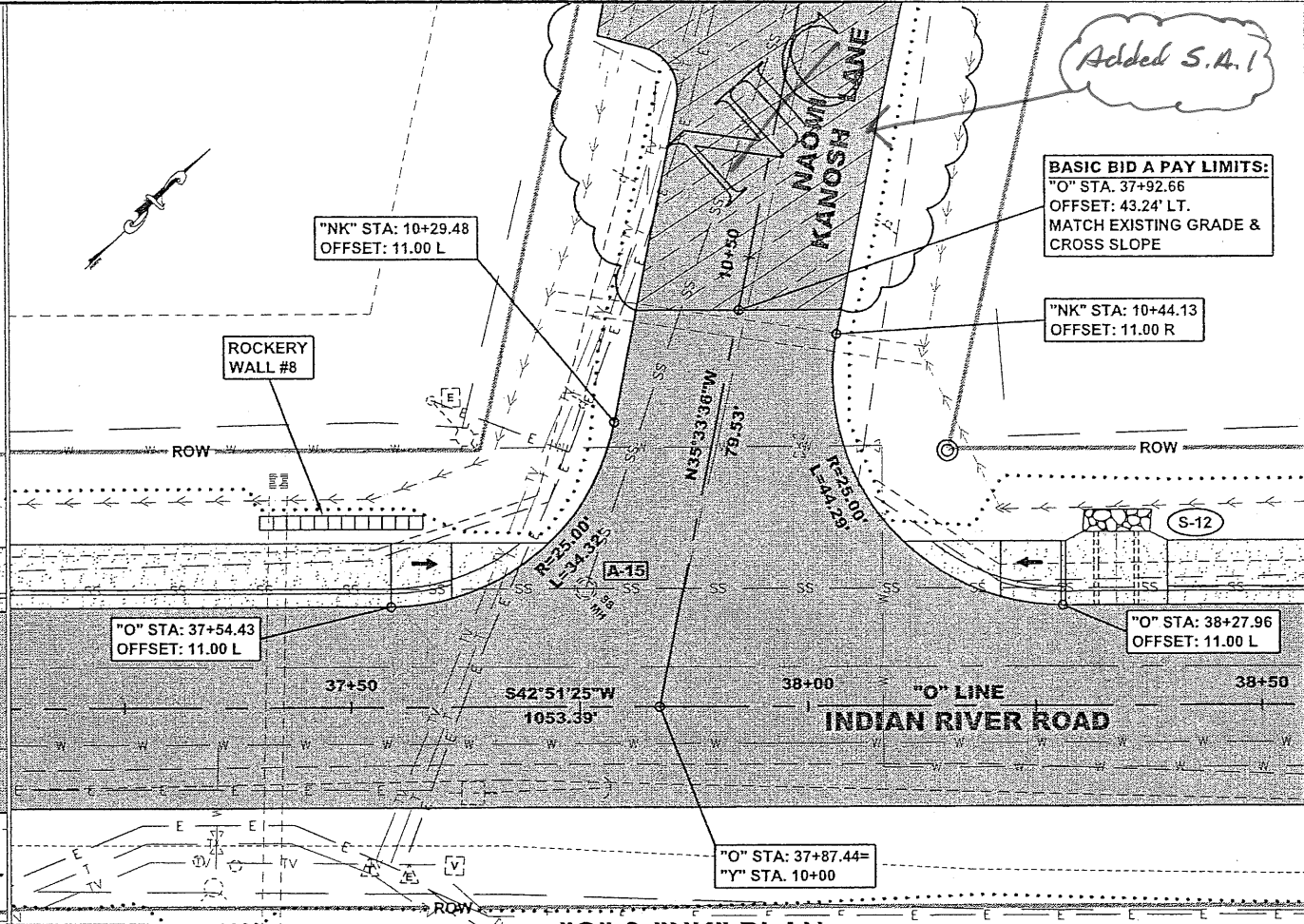
**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733  
 INTERSECTION/  
 DRIVEWAY  
 PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
G2	63

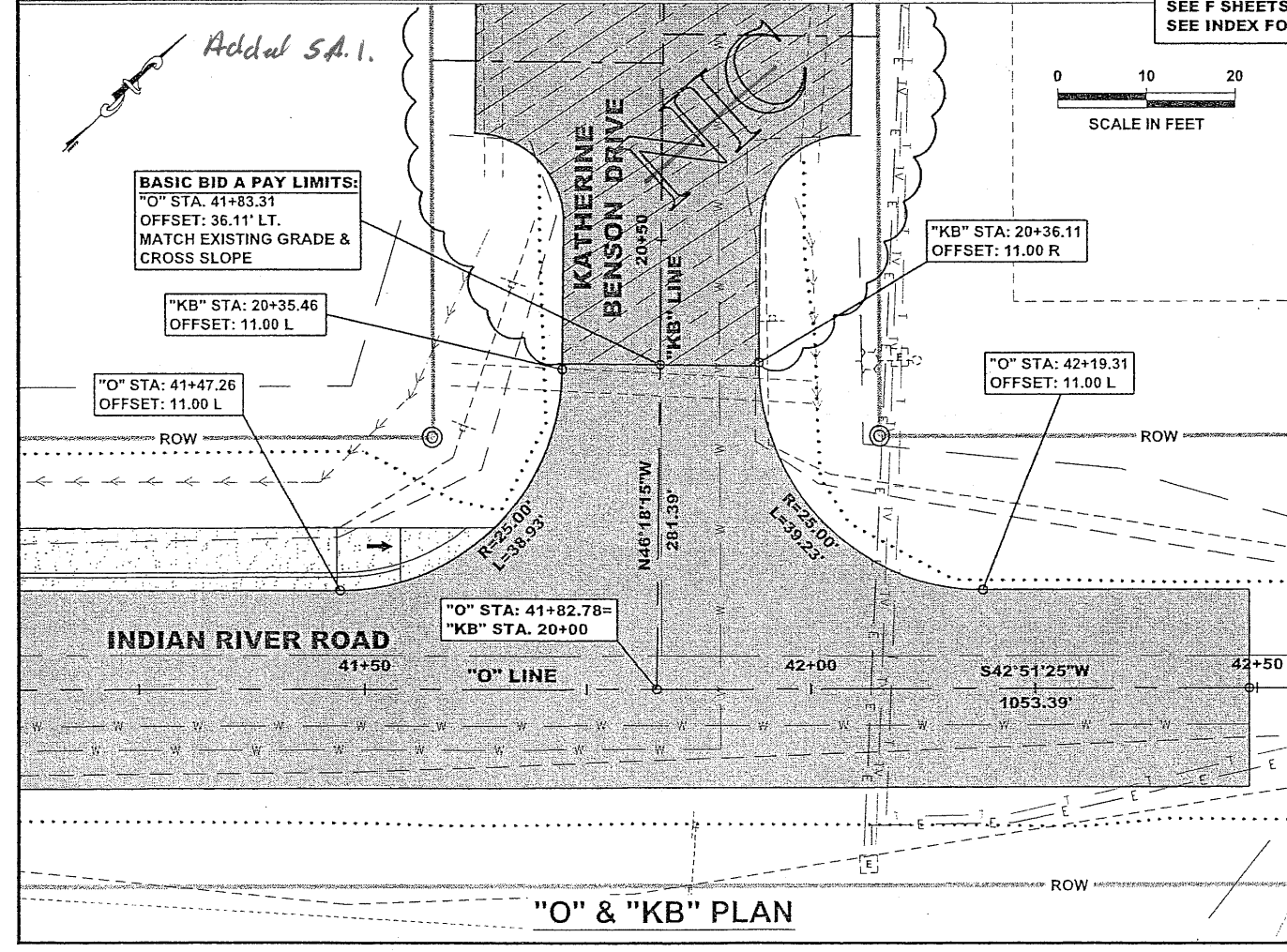
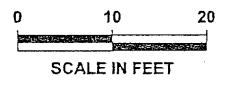


**"O" & "Y" PLAN**

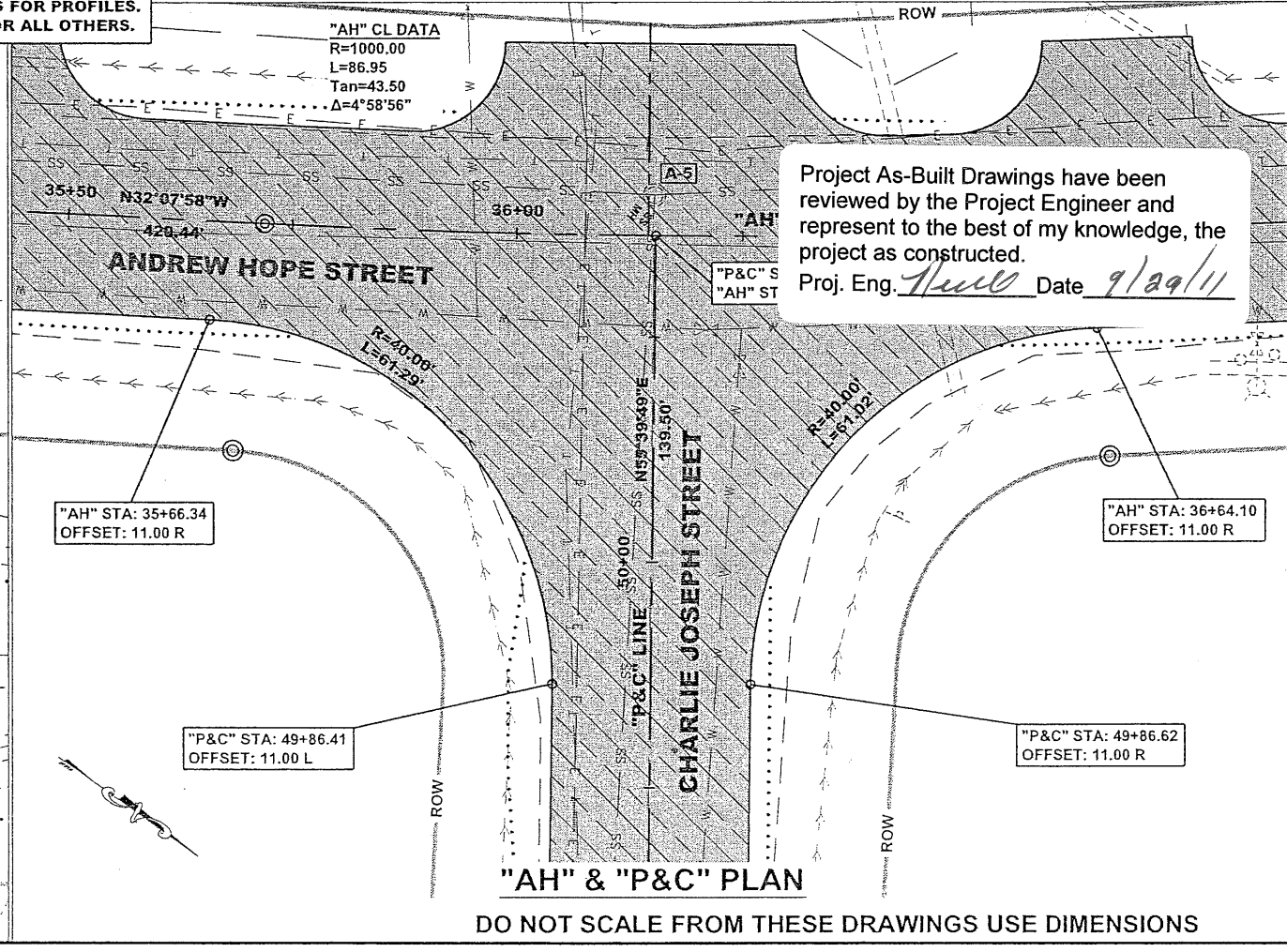


**"O" & "NK" PLAN**

**GENERAL NOTE:**  
 SEE F SHEETS FOR PROFILES.  
 SEE INDEX FOR ALL OTHERS.



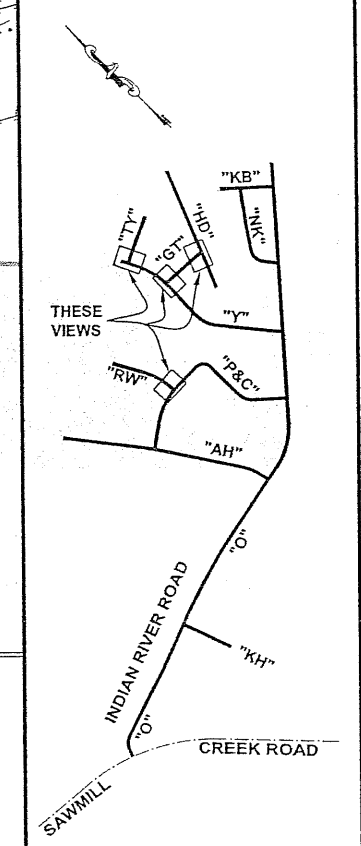
**"O" & "KB" PLAN**



**"AH" & "P&C" PLAN**

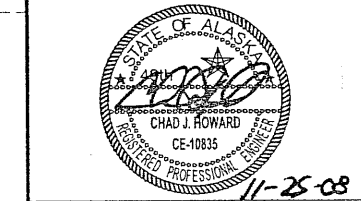
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

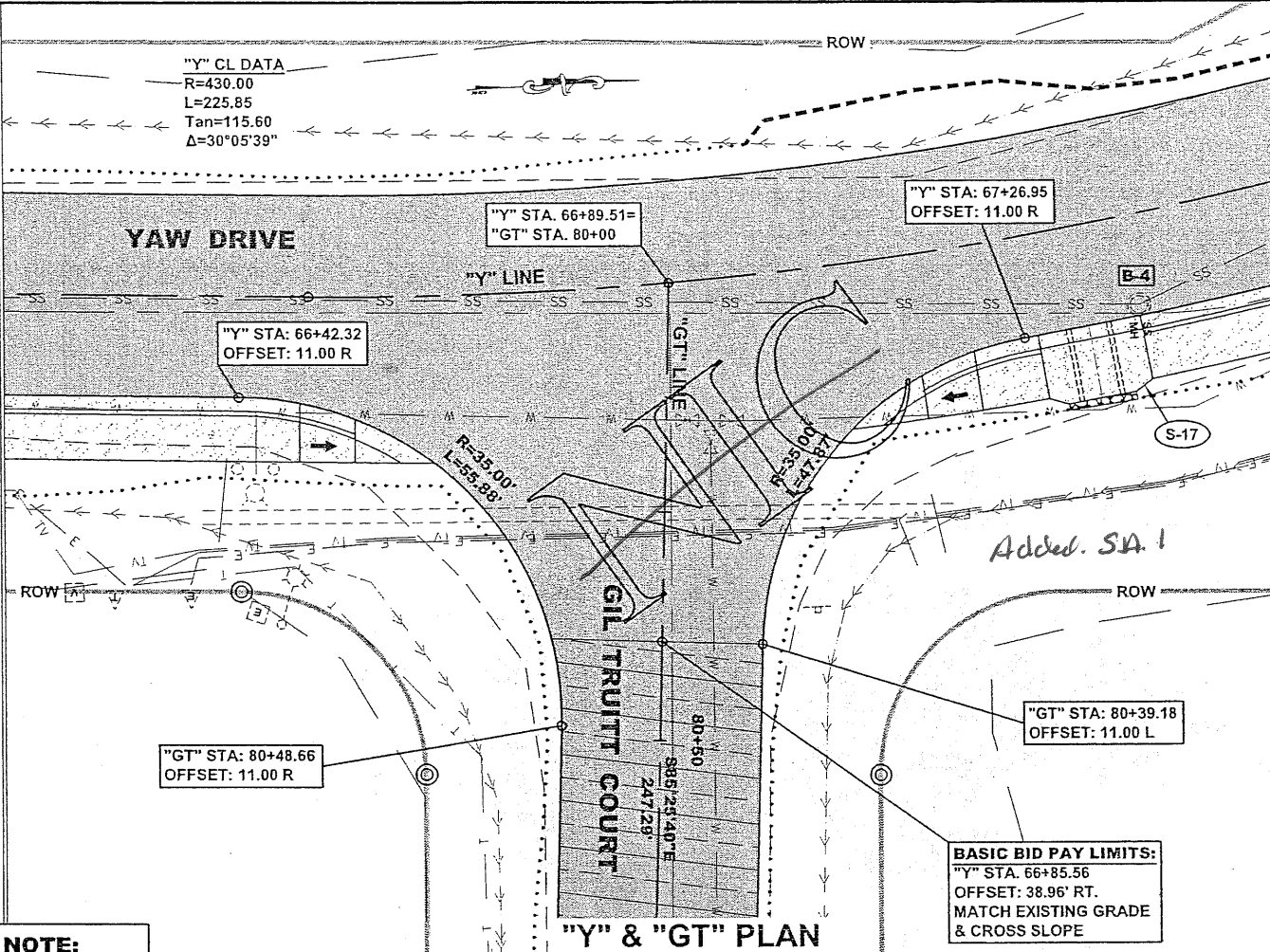
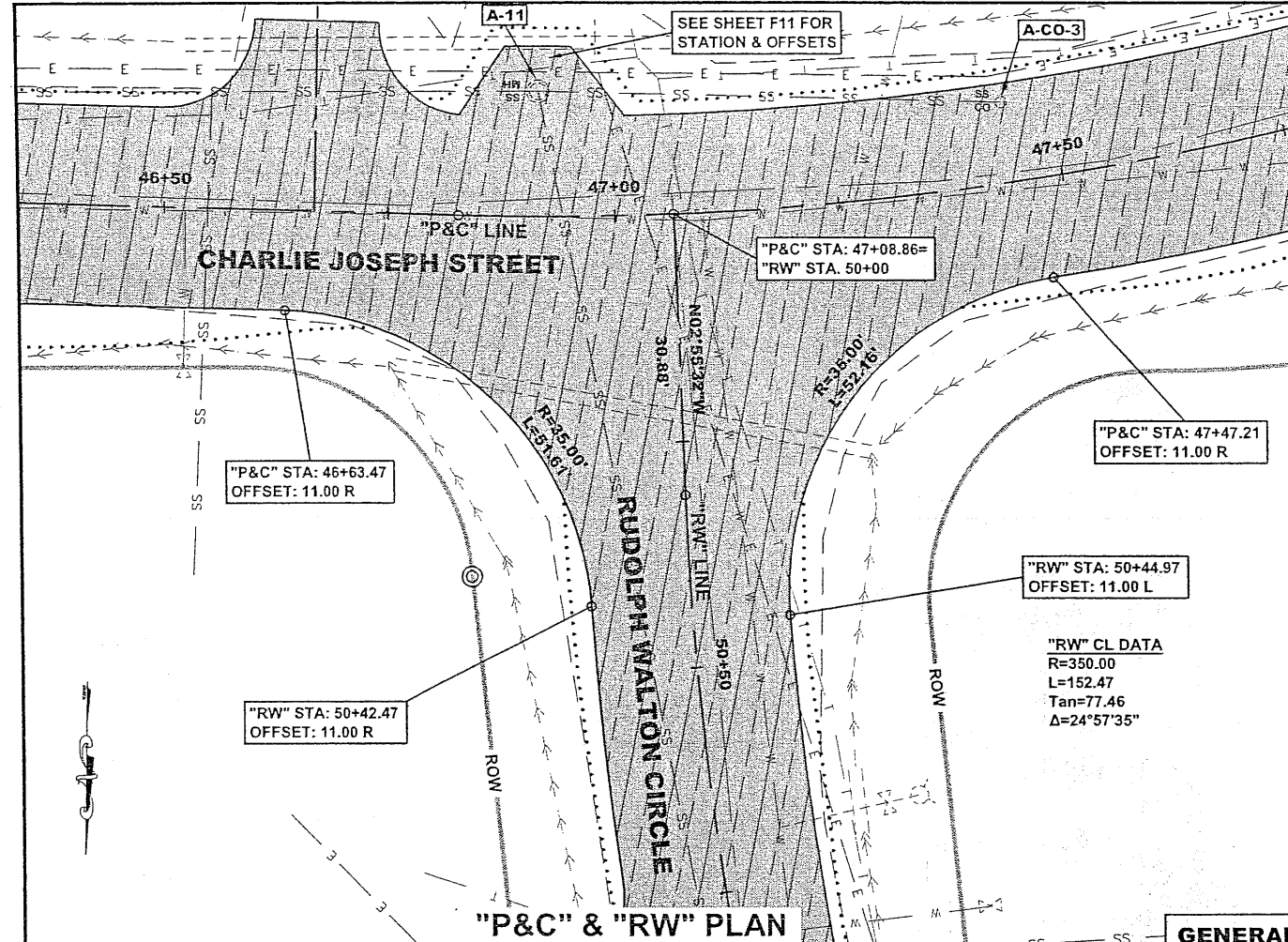
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733  
 INTERSECTION/  
 DRIVEWAY  
 PLAN & PROFILE**

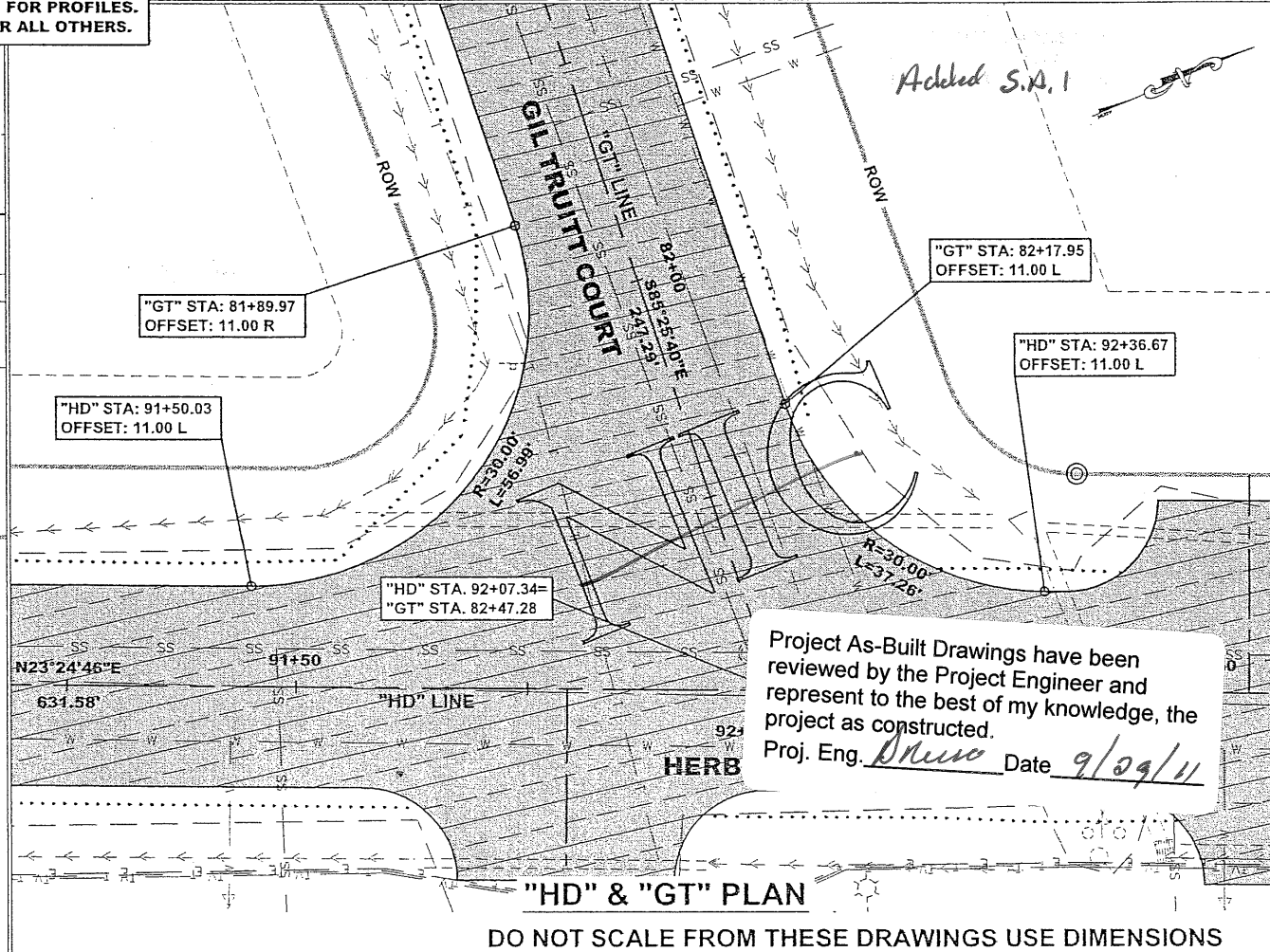
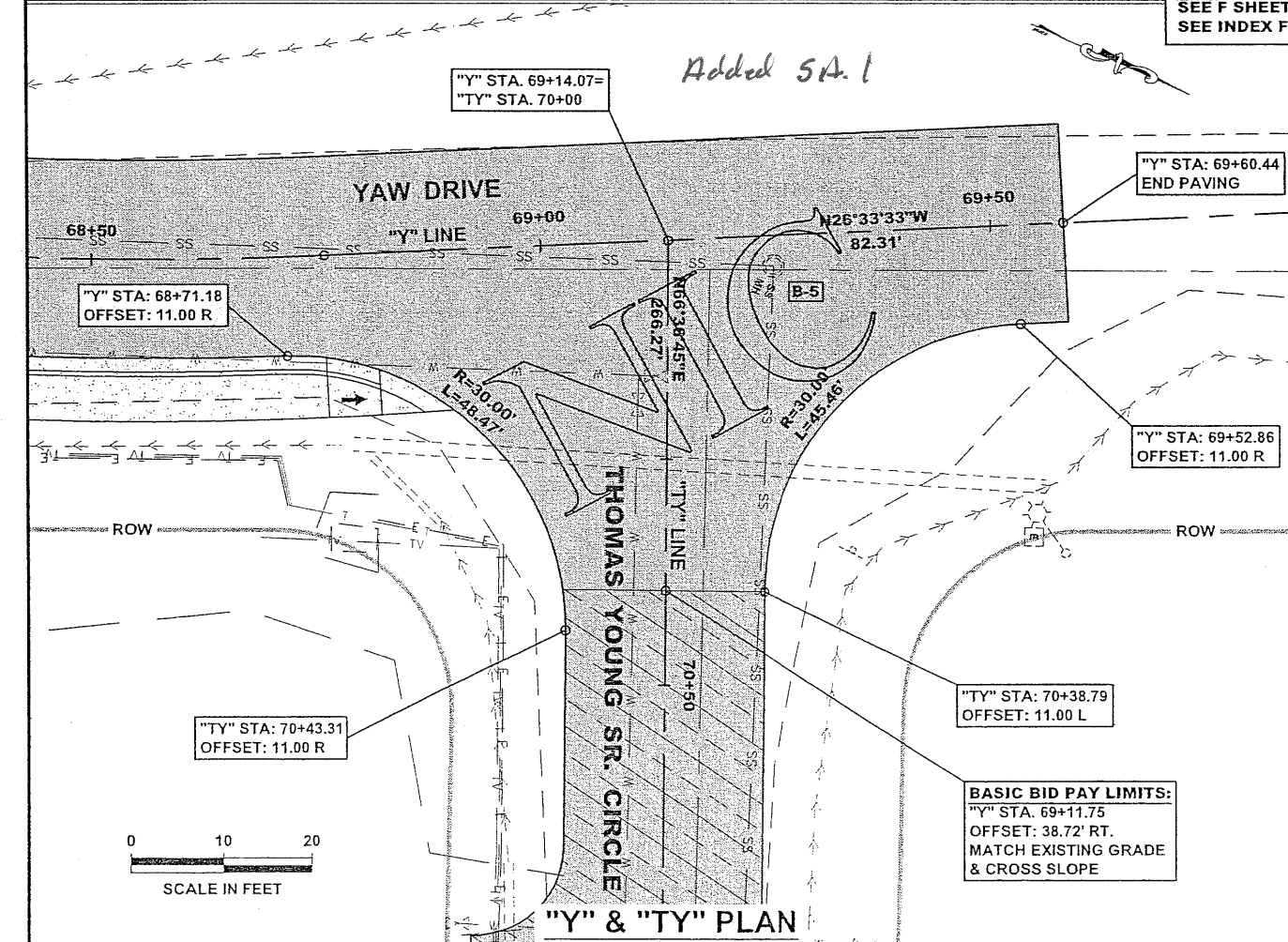
PROJECT DESIGNATION

HPRM-0933(34)/HPRM-0933(35)

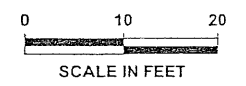
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
G3	63



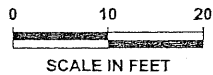
**GENERAL NOTE:**  
 SEE F SHEETS FOR PROFILES.  
 SEE INDEX FOR ALL OTHERS.



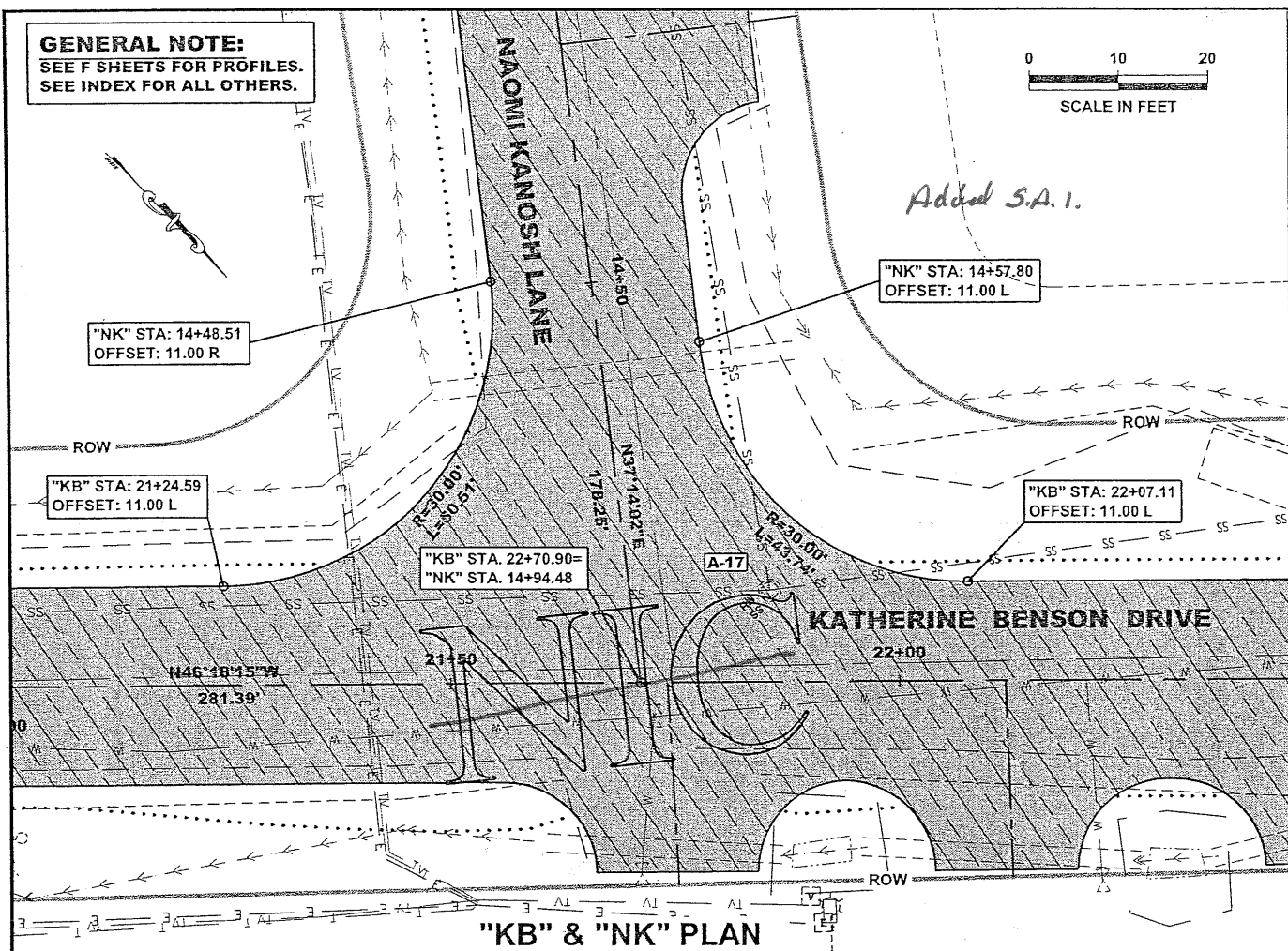
Project As-Built Drawings have been reviewed by the Project Engineer and represented to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Druso* Date 9/29/11



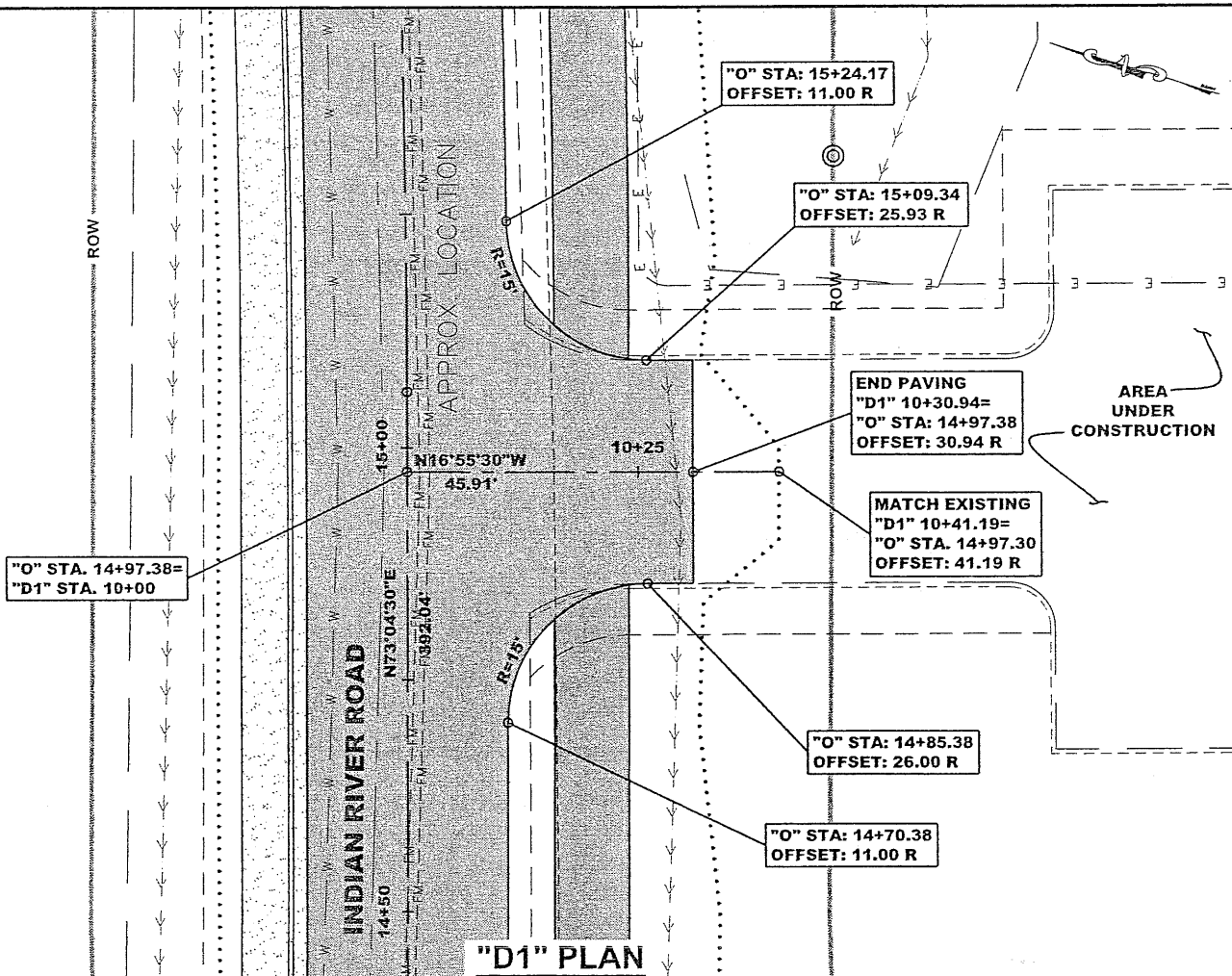
**GENERAL NOTE:**  
SEE F SHEETS FOR PROFILES.  
SEE INDEX FOR ALL OTHERS.



*Added S.A. 1.*



**GENERAL NOTE:**  
SEE F SHEETS FOR PROFILES.  
SEE INDEX FOR ALL OTHERS.



PATH: Q:\SIT169208\PLANSET\NOV\_08  
BIDIG1-7\_UPDATED FOR NOV 08 BID.DWG

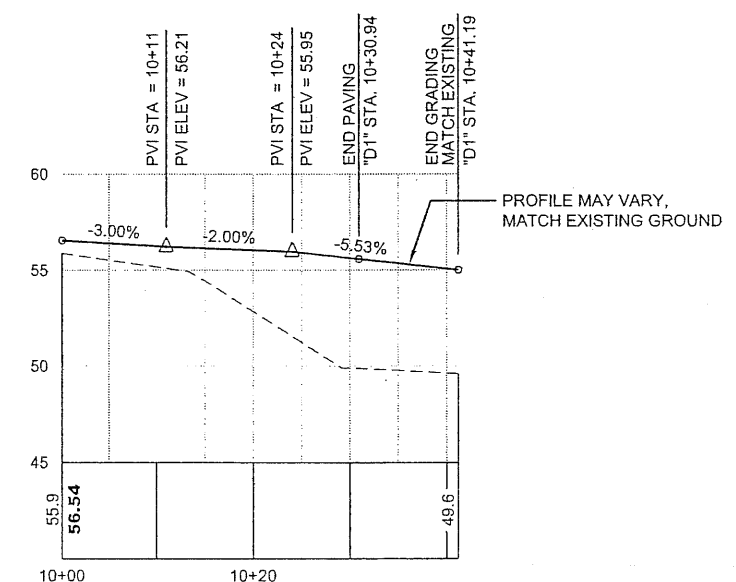
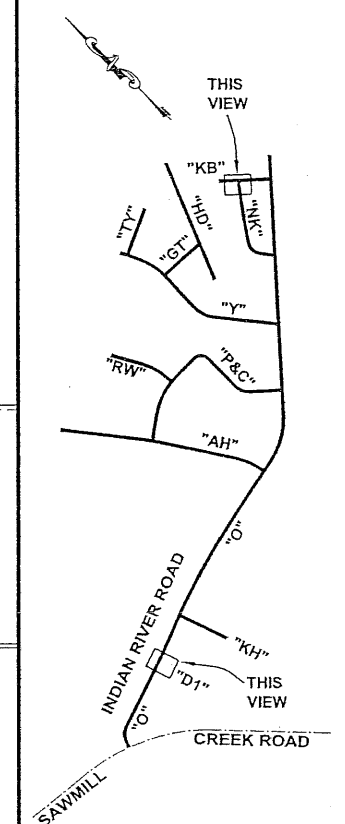
WILSON, BRIAN G (DOT)  
TAB: G4 Tuesday, November 25, 2008 11:43:...

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Null* Date *9/29/11*

**"D1" PROFILE**  
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

STATE OF ALASKA  
CHAD J. HOWARD  
CE-10835  
REGISTERED PROFESSIONAL ENGINEER  
11-25-08

DESIGNED BY: C. IVANISZEK  
DRAWN BY: R. SNYDER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

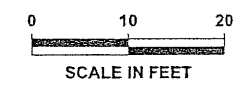
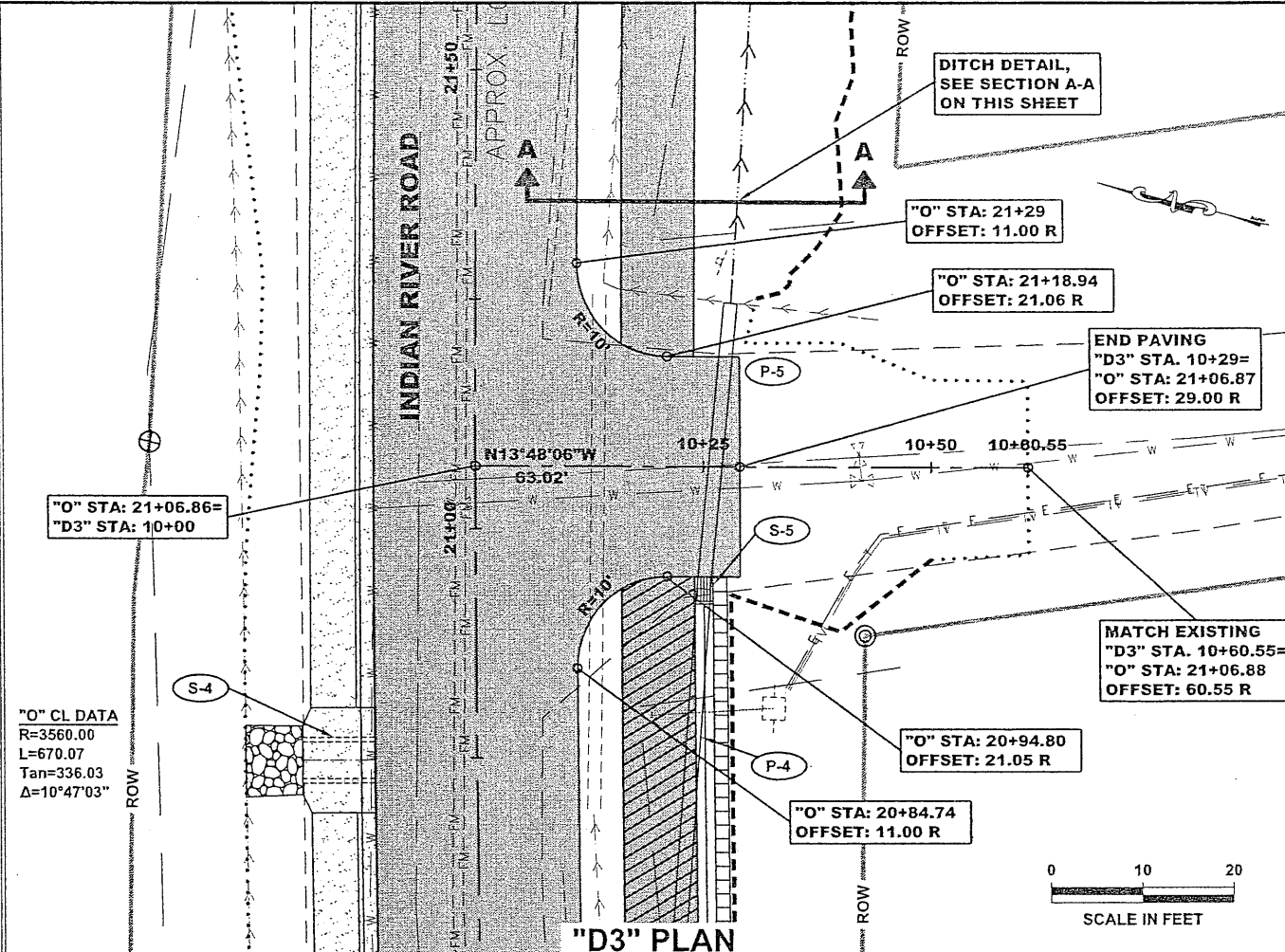
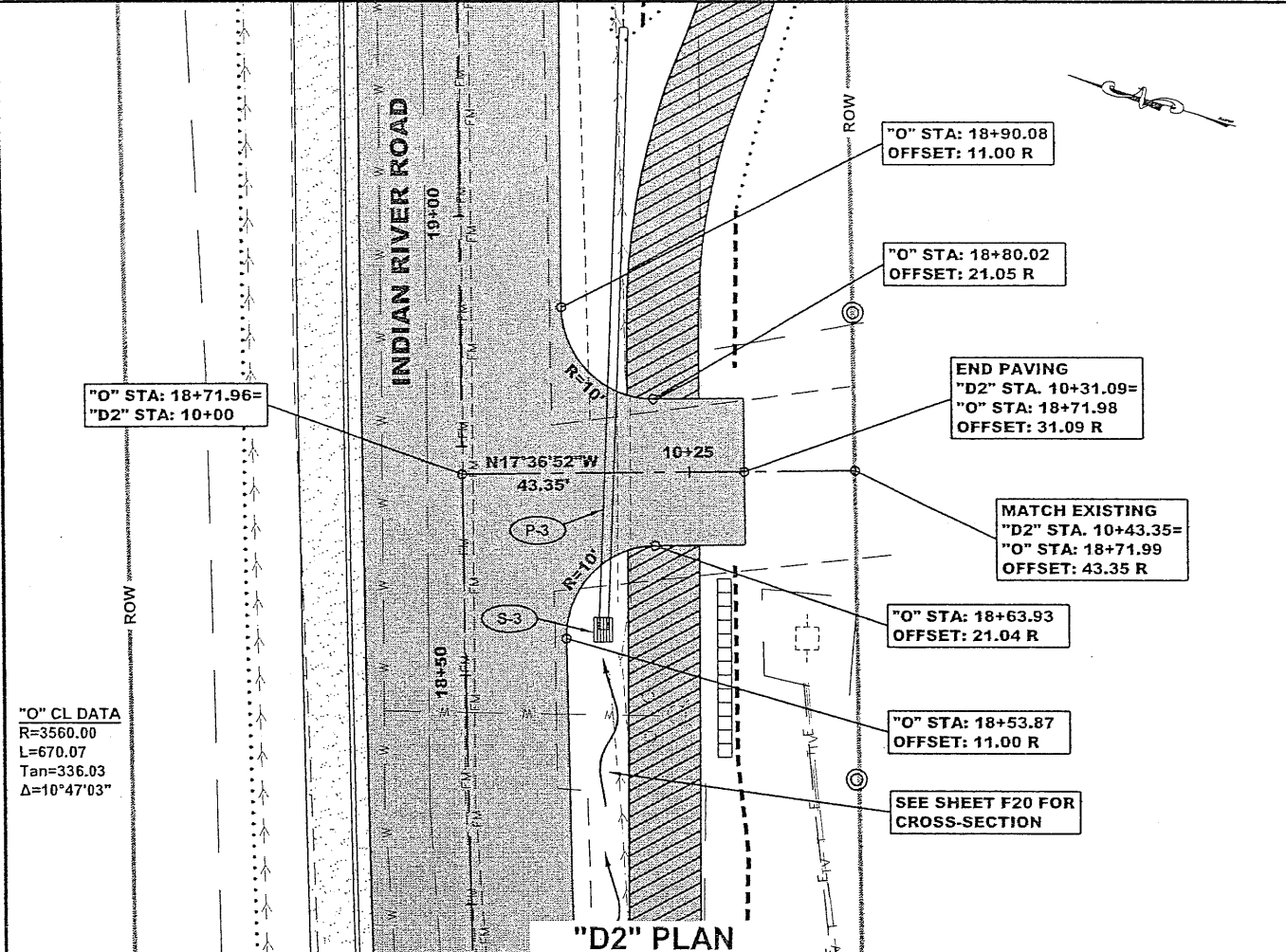
SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID  
PROJECT # 69208 & 67733  
**INTERSECTION/ DRIVEWAY PLAN & PROFILE**

PROJECT DESIGNATION  
HPRM-0933(34)/HPRL-0933(35)

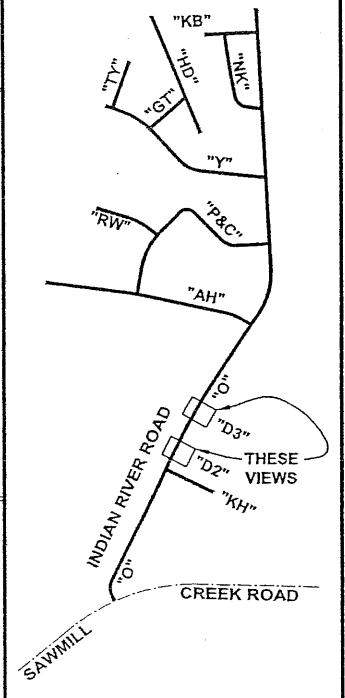
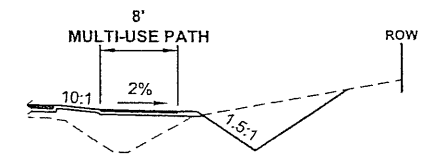
STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
G4	63

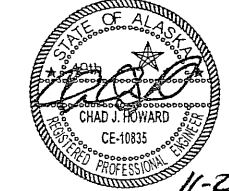
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**MULTI-USE PATH NOT TYPICAL SEE SHEETS F13-F16**



CHECKED BY: C. HOWARD



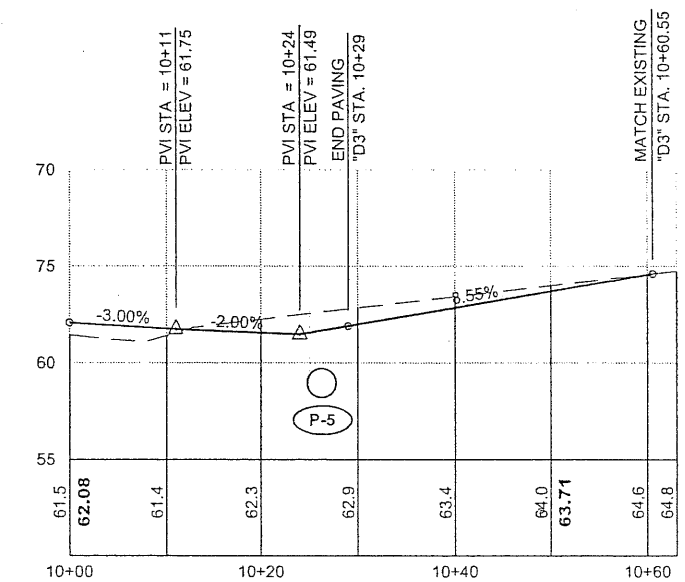
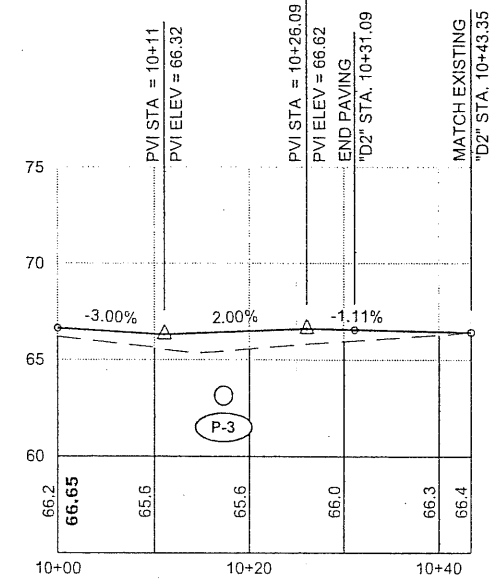
DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733 INTERSECTION/ DRIVEWAY PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

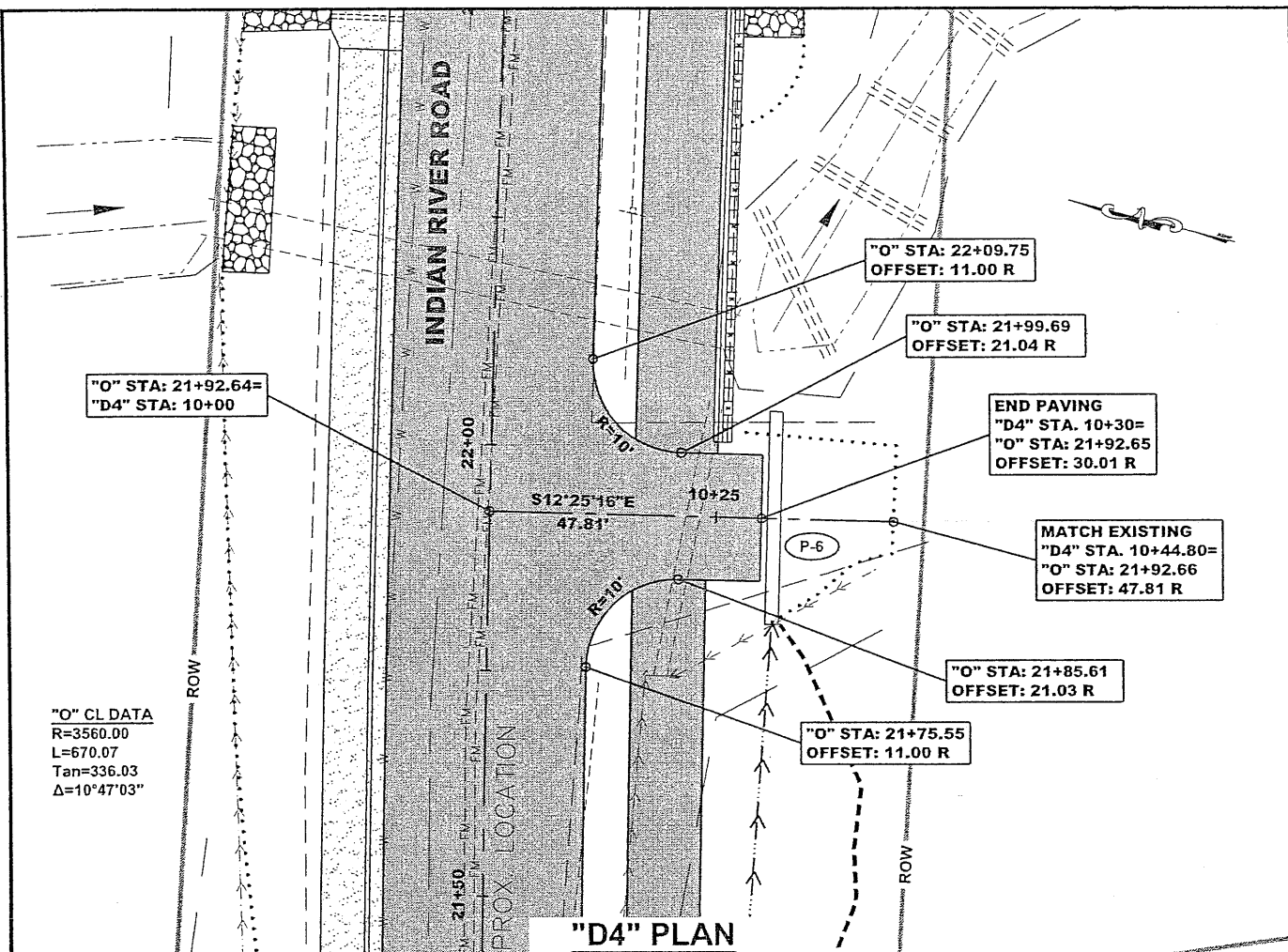
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
G5	63



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Murd* Date *9/29/11*

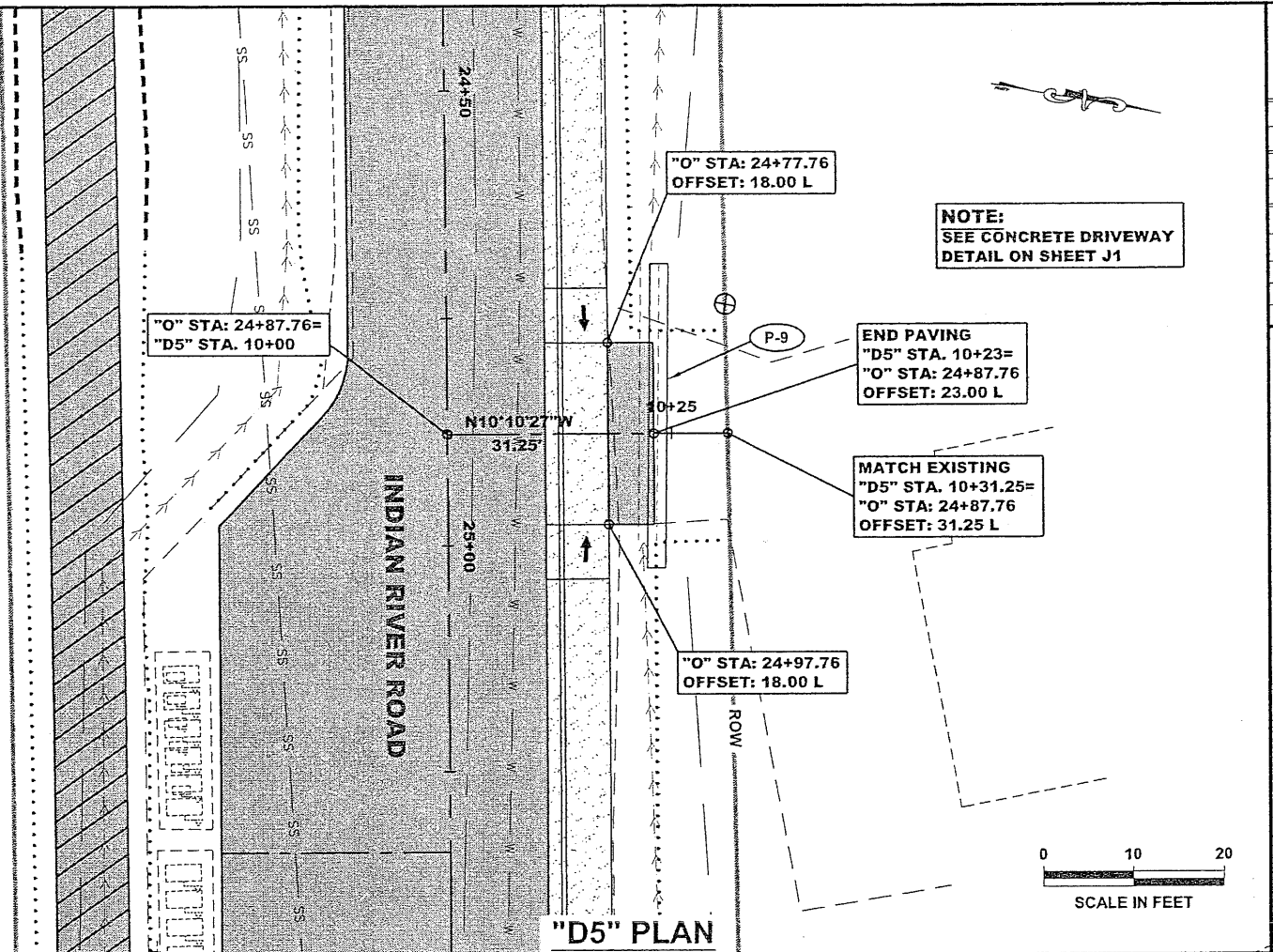
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

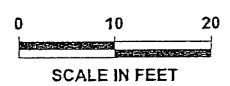


"O" CL DATA  
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 L=670.07  
 Tan=336.03  
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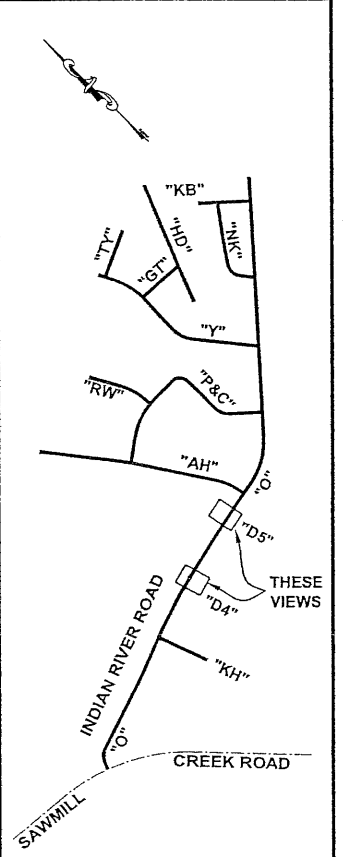
"D4" PLAN



NOTE:  
 SEE CONCRETE DRIVEWAY  
 DETAIL ON SHEET J1

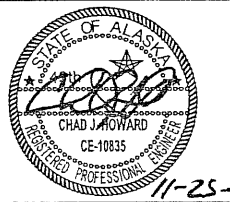


"D5" PLAN



PLAN LEGEND

CHECKED BY: C. HOWARD

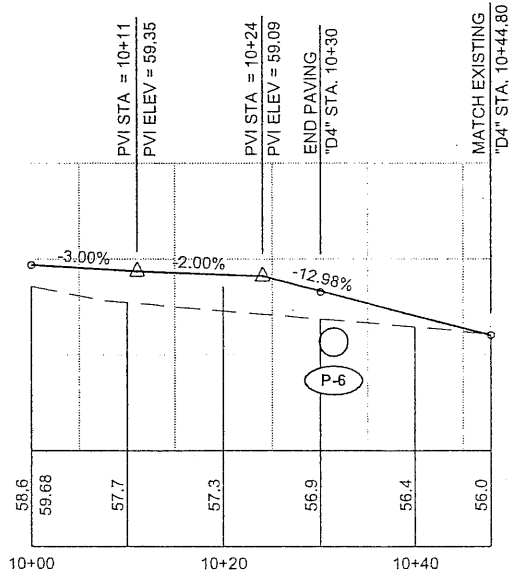


DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

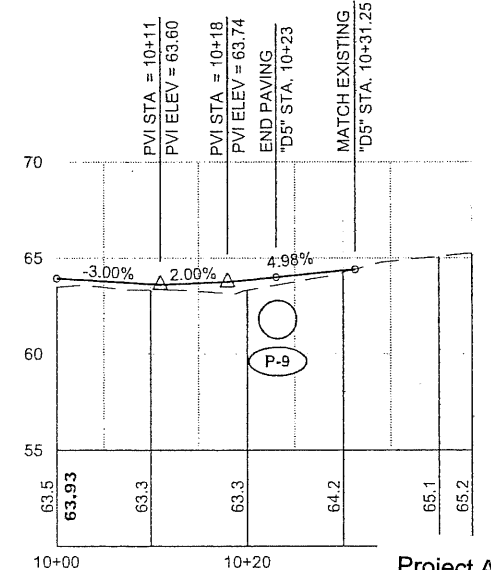
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733  
**INTERSECTION/  
 DRIVEWAY  
 PLAN & PROFILE**

PROJECT DESIGNATION:	
HPRM-0933(34)/HPRM-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
G6	63



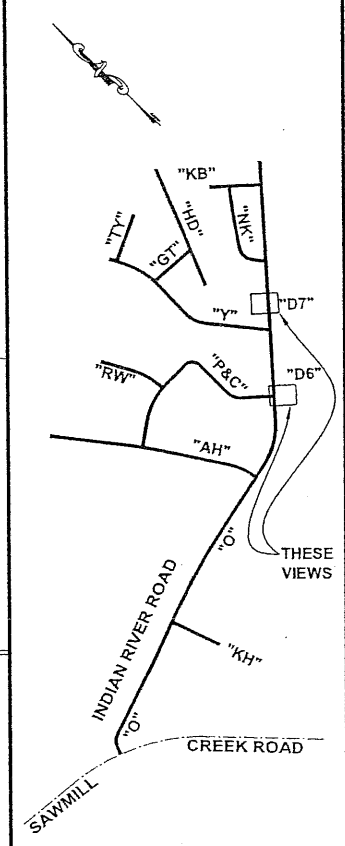
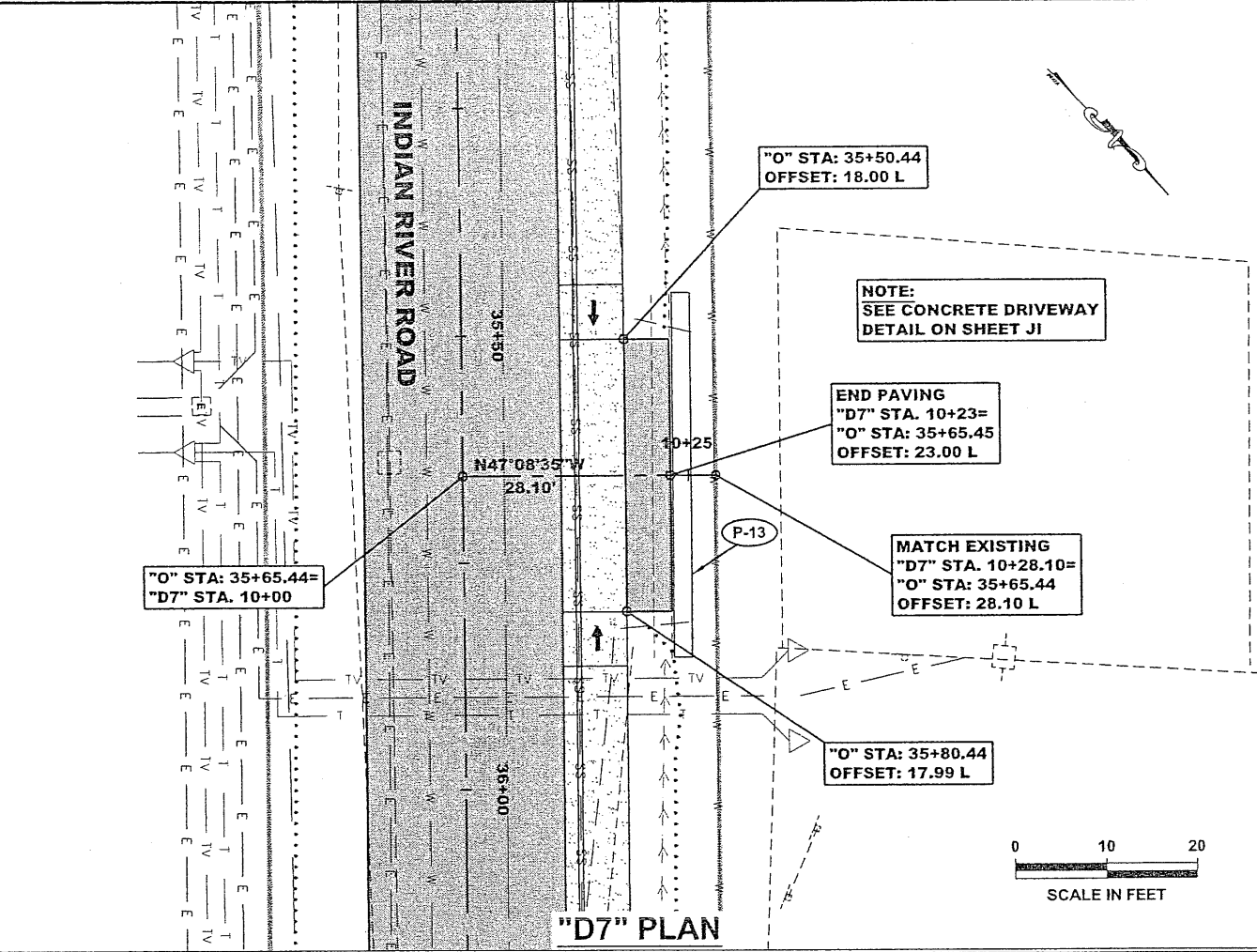
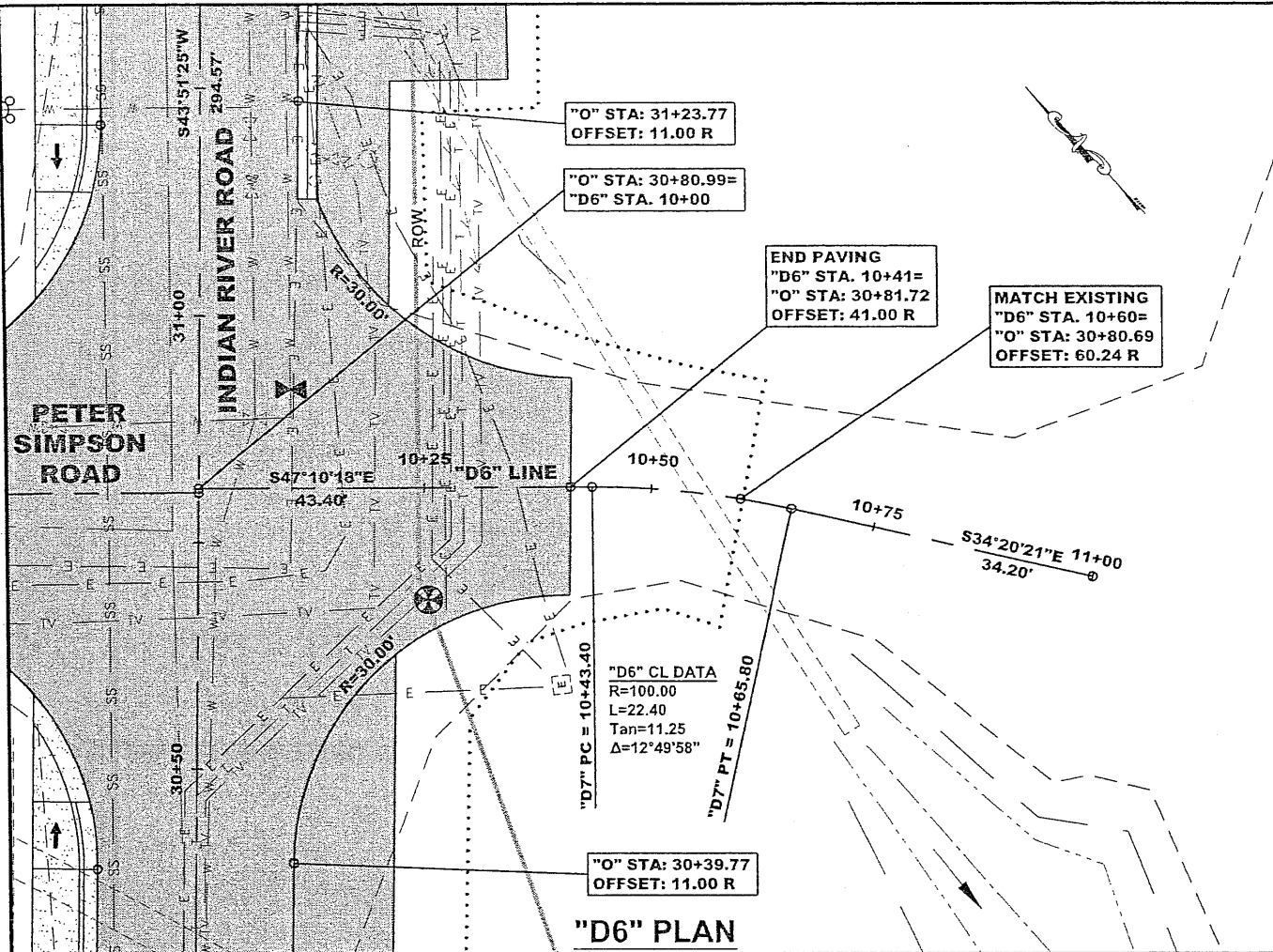
"D4" PROFILE



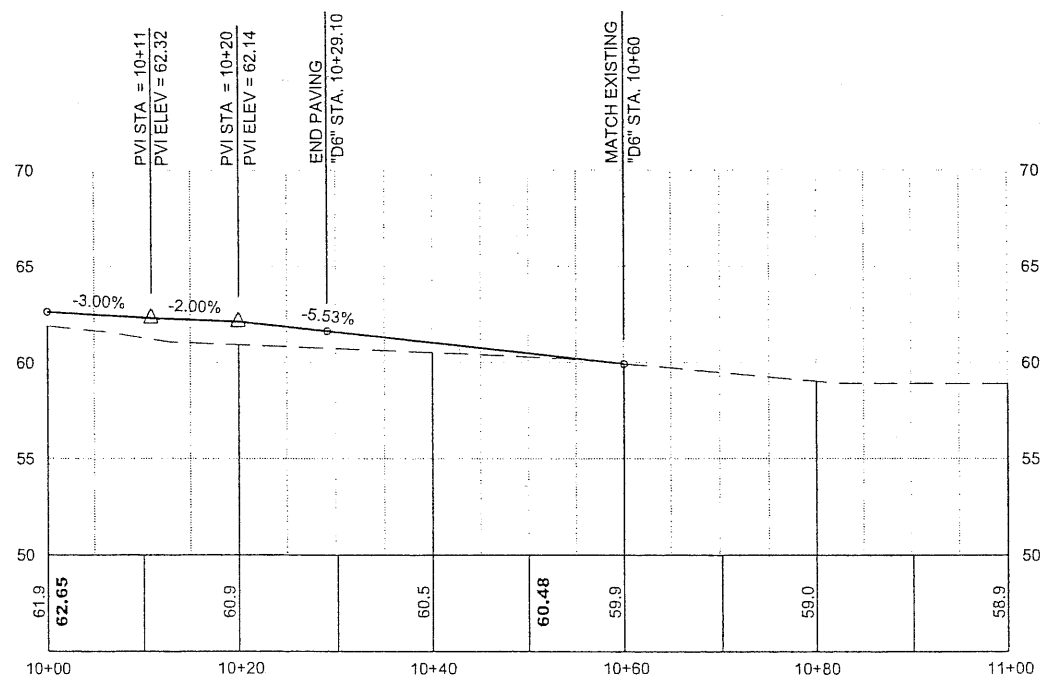
"D5" PROFILE

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/19/14*

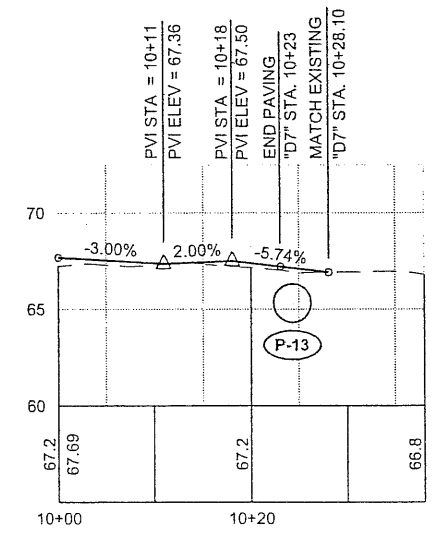
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *R. Snyder* Date *7/18/10*



**"D6" PROFILE**



**"D7" PROFILE**

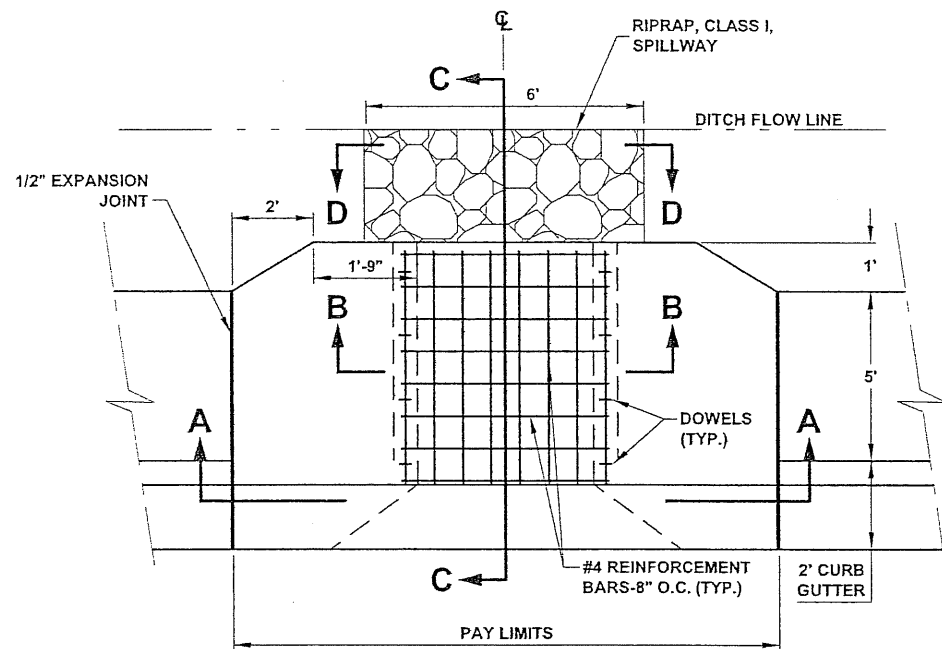
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  
 DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 CHAD J. HOWARD  
 CE-10835  
 REGISTERED PROFESSIONAL ENGINEER  
 11-25-08

**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733 INTERSECTION/ DRIVEWAY PLAN & PROFILE**

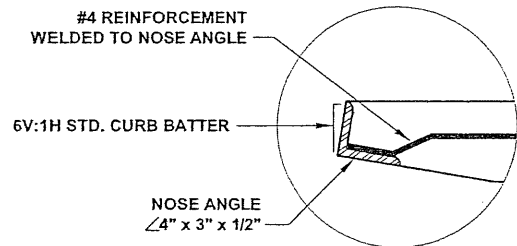
PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
G7	63



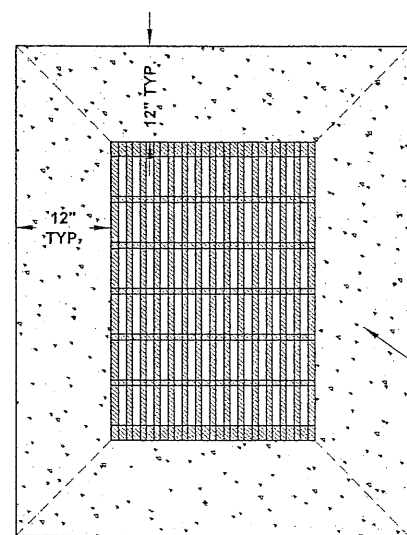
**SCUPPER PLAN VIEW**

N.T.S.



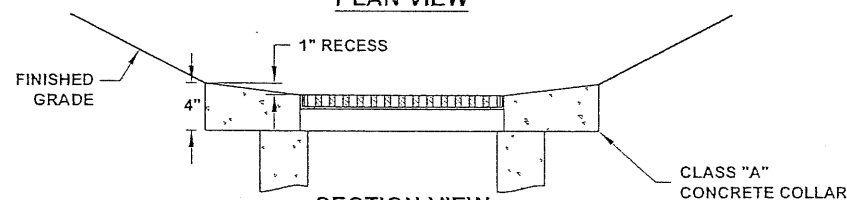
**DETAIL "A"**

N.T.S.



**PLAN VIEW**

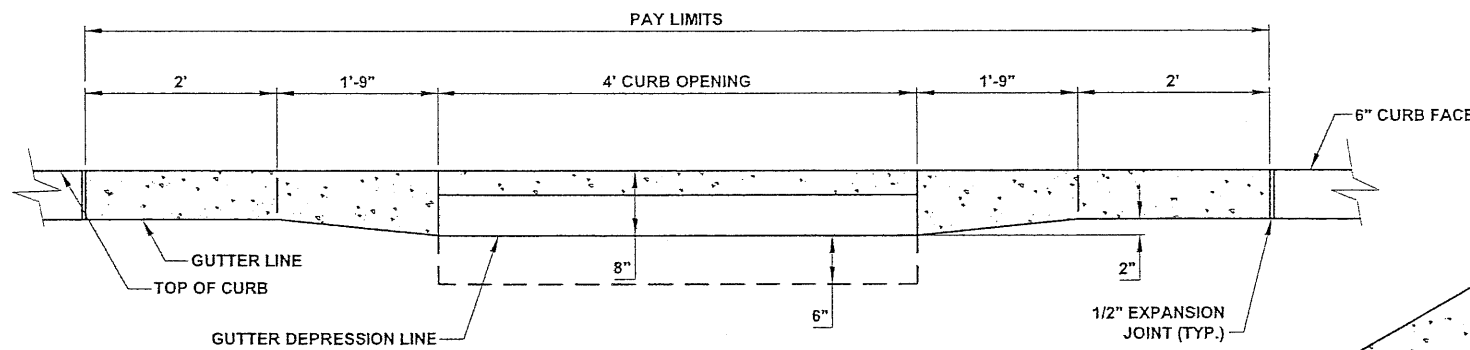
CONCRETE COLLAR



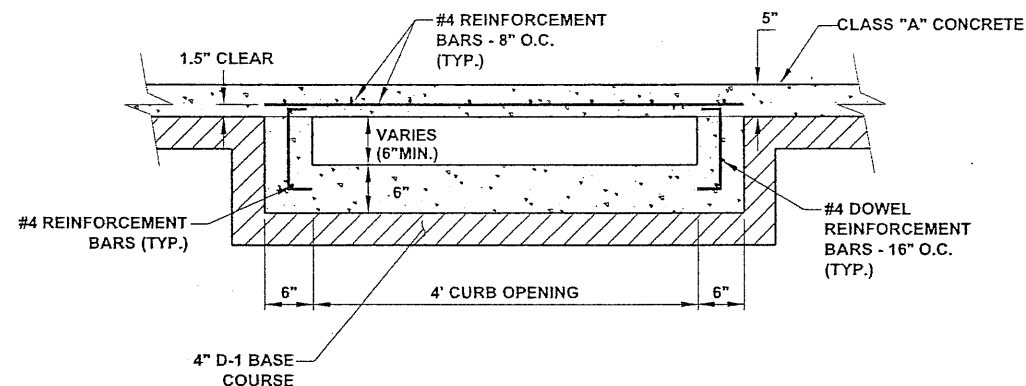
**SECTION VIEW**

**FIELD INLET FRAME AND GRATE**

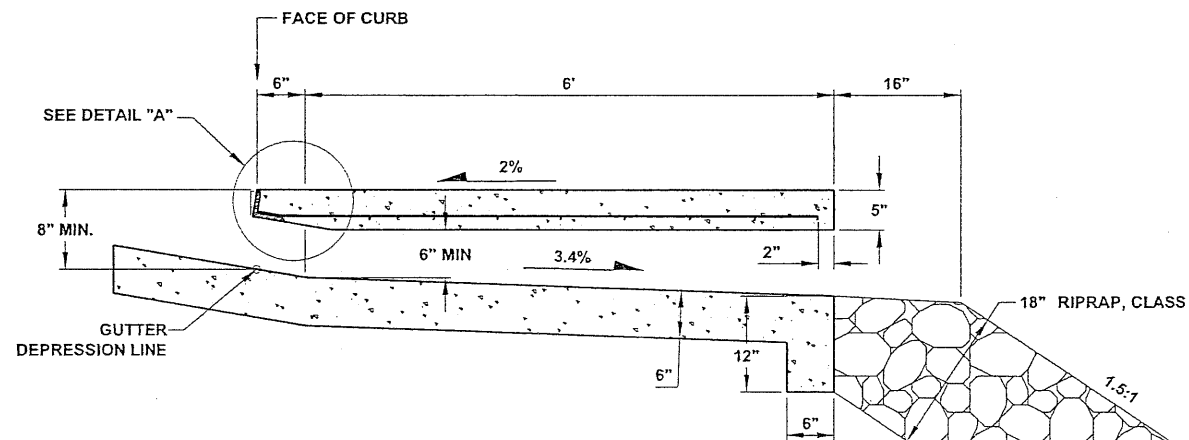
DRAINAGE STRUCTURE S-3



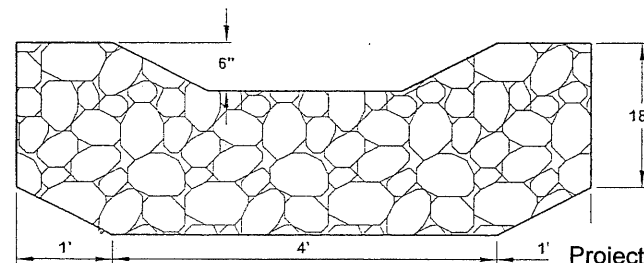
**SECTION A-A**



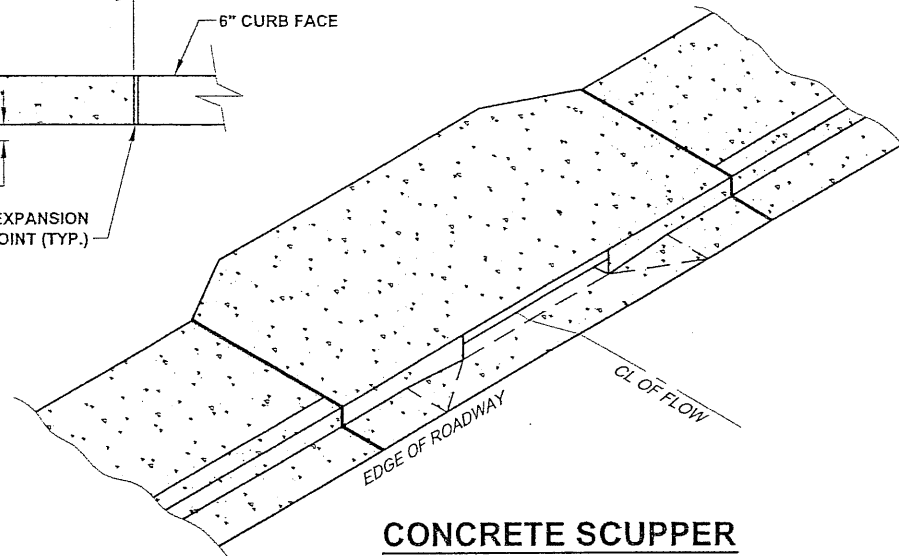
**SECTION B-B**



**SECTION C-C**

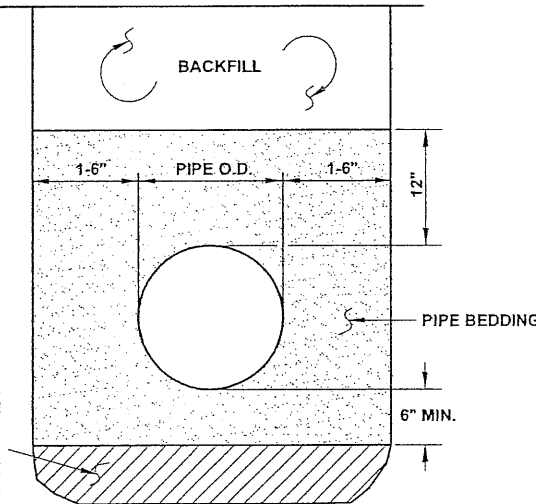


**SECTION D-D**



**CONCRETE SCUPPER**

SEE TYPICALS FOR STRUCTURAL SECTION



**STORM DRAIN BEDDING/BACKFILL DETAIL**

REMOVE UNSUITABLE MATERIAL WHEN AUTHORIZED. PAID FOR AS UNCLASSIFIED EXCAVATION. REPLACE WITH BORROW, TYPE A.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

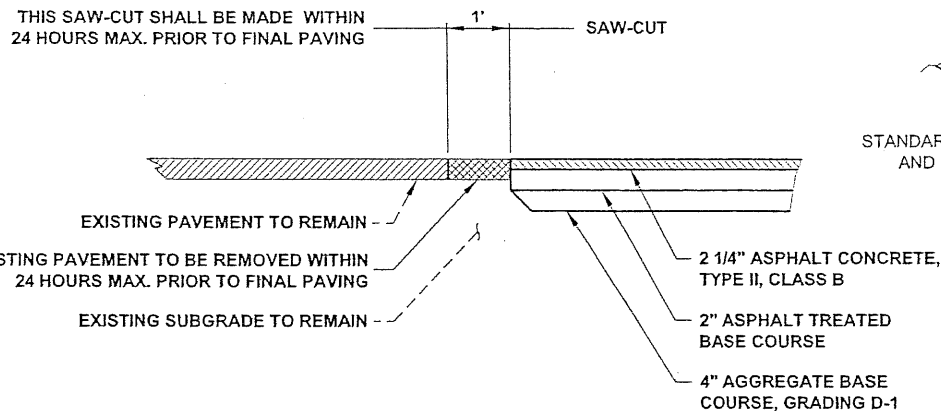
CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANIZEK		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
DRAWN BY: R. SNYDER		<b>DRAINAGE DETAILS</b>	
P.A.T.H.: Q:\SIT\69208\PLANS\SET\H1_DRAINAGE DETS.DWG		PROJECT DESIGNATION	YEAR
TAB: H1 Wednesday, November 26, 2008 8:55:30 AM CAIVANISZEK		HPRM-0933(34) - 69208	2008
NO.		DESCRIPTION	SHEET NO.
NO.		DESCRIPTION	H1
NO.		DESCRIPTION	TOTAL SHEETS
NO.		DESCRIPTION	63

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date 7/18/10

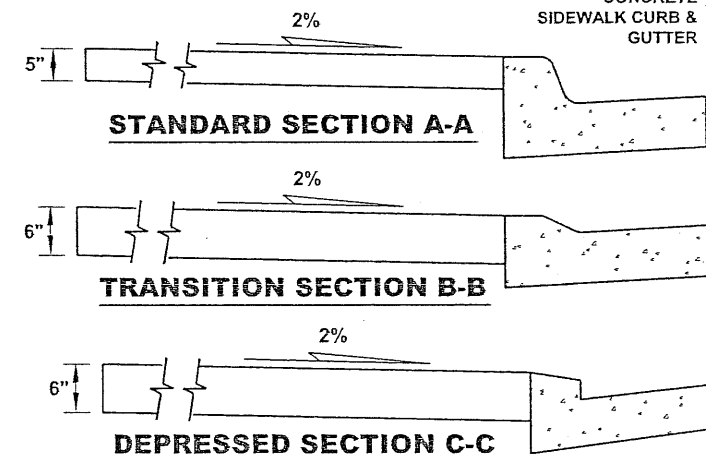
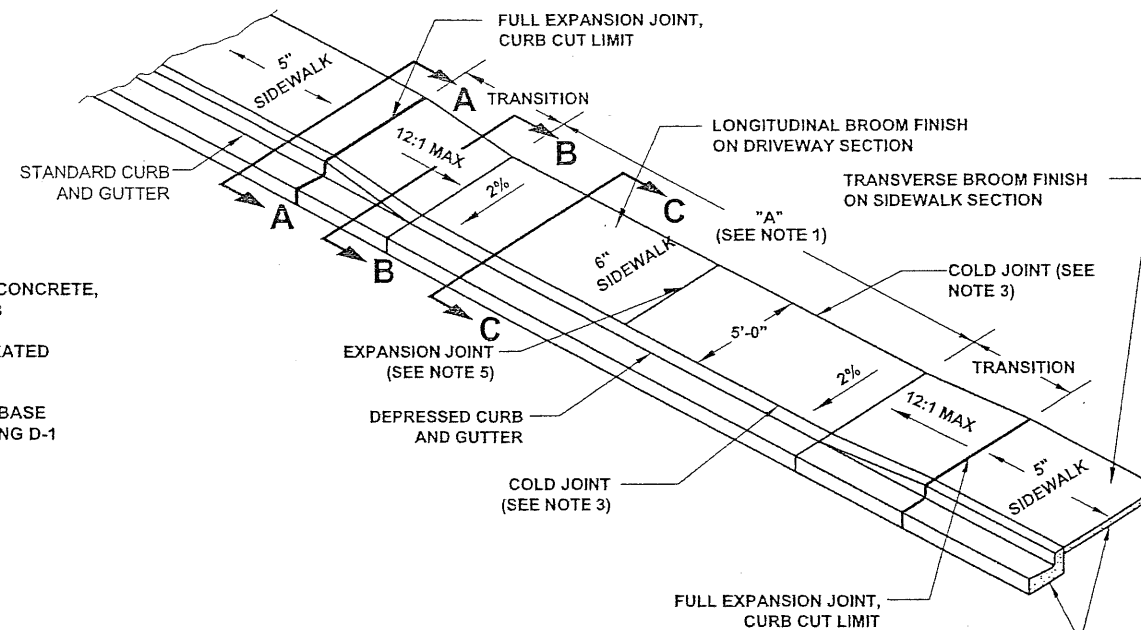


**SIDEWALK, CURB AND GUTTER NOTES**

1. CONCRETE SIDEWALK, CURB AND GUTTER EXPANSION JOINTS SHALL BE AT EACH END OF CURB RETURNS AND IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
2. CONCRETE SIDEWALK DUMMY JOINTS SHALL EXTEND INTO CONCRETE 1/3 THE DEPTH AND 1/8" WIDE AT 5' MAXIMUM INTERVALS BETWEEN EXPANSION JOINTS.
3. ALL JOINTS AND SEAMS SHALL BE EDGED.
4. WHERE THE ROADWAY IS SUPERELEVATED OR IS NOT CROWNED USING A CONTINUOUS CROSS-SLOPE, THE GUTTER PAN ON THE HIGH SIDE OF THE ROADWAY SHALL MATCH THE SLOPE OF THE ROADWAY AND DRAIN TOWARD THE CENTER OF THE ROADWAY.
5. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
6. CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
7. SEE STANDARD DRAWING I-21.01, TWO CROSSING DIRECTIONS DETAIL FOR PARALLEL CURB RAMPS AT STA. "O" 34+50.

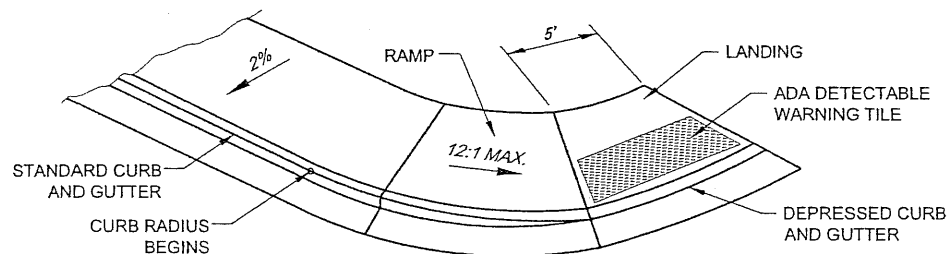


**PAVEMENT MATCH JOINT DETAIL**  
N.T.S.

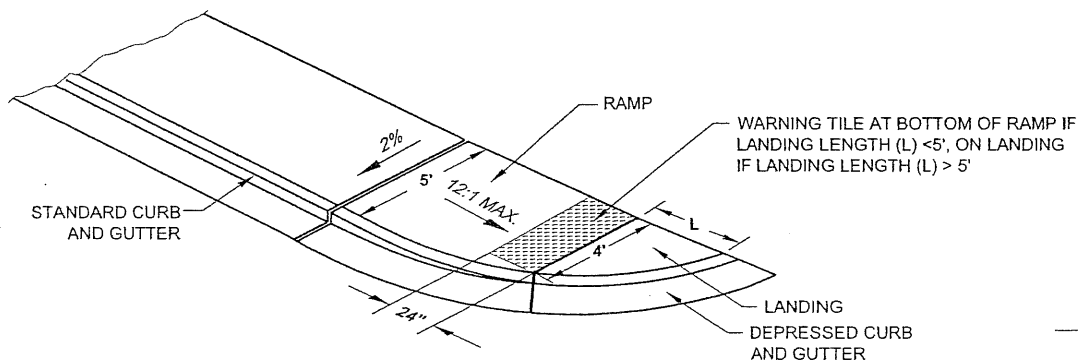


**CONCRETE DRIVEWAY DETAIL**  
"O" STA. 24+88 & "O" STA. 35+65  
N.T.S.

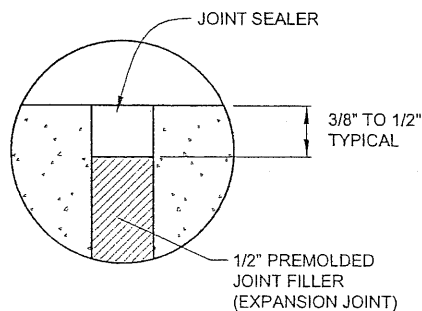
- NOTES:**
1. "A" EQUALS WIDTH OF DRIVEWAY AT PROPERTY LINE.
  2. CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
  3. COLD JOINT REQUIRED BETWEEN SIDEWALK AND DRIVEWAY AND BETWEEN SIDEWALK AND CURB
  4. ALL CONCRETE WITHIN THE CURB CUT LIMITS SHALL BE 6" THICK AND SHALL BE POURED ON A 4" BASE OF BASE COURSE COMPACTED TO 95% OF ITS MAXIMUM DENSITY.
  5. EXPANSION JOINT REQUIRED IF "A" IS GREATER THAN 15'.



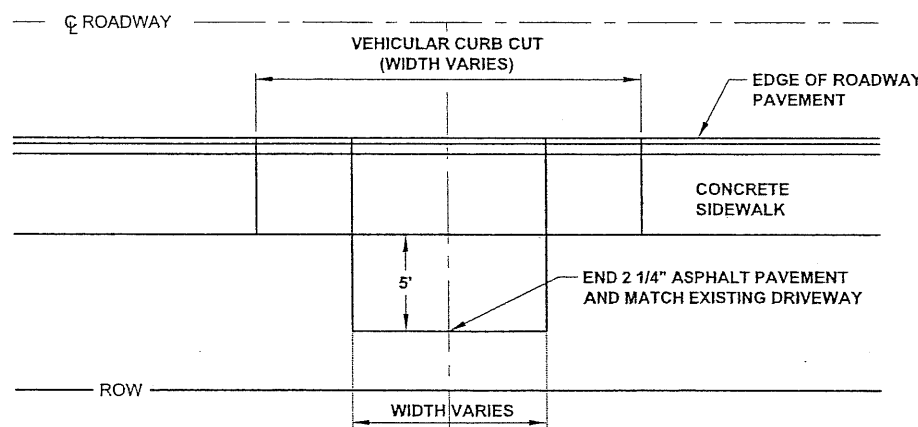
**RADIAL SIDEWALK TERMINATION DETAIL**  
N.T.S.



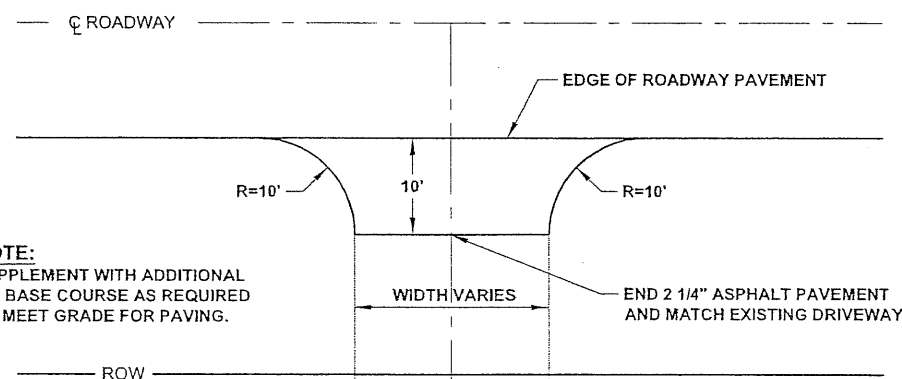
**RADIAL SIDEWALK TERMINATION DETAIL**  
N.T.S.



**CONCRETE EXPANSION JOINT DETAIL**  
N.T.S.



**DRIVEWAY PAVING WITH SIDEWALK DETAIL**  
(DETAIL DOES NOT APPLY TO ADDITIVE ALTERNATE "E")  
N.T.S.



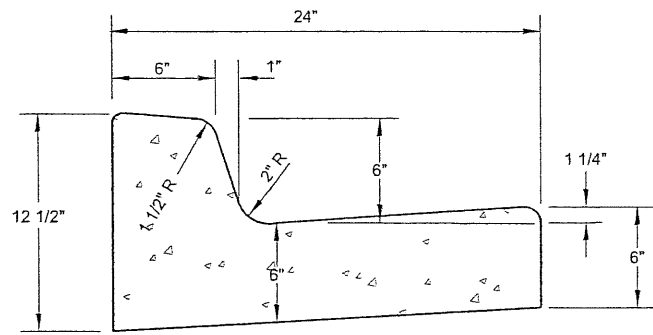
**NOTE:**  
SUPPLEMENT WITH ADDITIONAL D-1 BASE COURSE AS REQUIRED TO MEET GRADE FOR PAVING.

**DRIVEWAY PAVING WITHOUT SIDEWALK DETAIL**  
N.T.S.

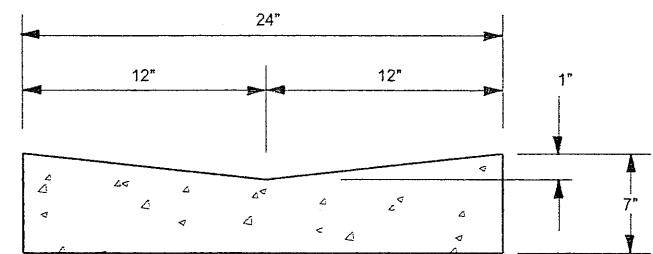
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Howell* Date *7/18/14*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

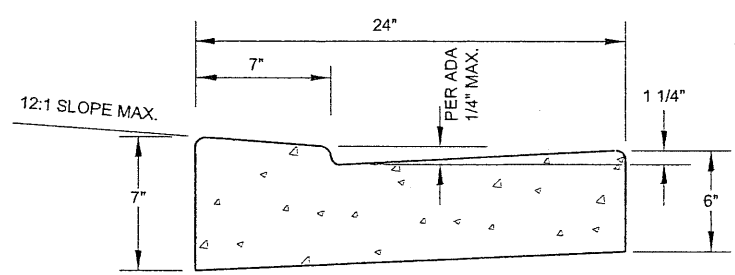
CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733			
<b>MISCELLANEOUS DETAILS</b>		PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733	YEAR 2008
DESIGNED BY: C. IVANIZEK DRAWN BY: R. SNYDER PATH: Q:\SIT\69208\PLANSET\1-3_DET5.DWG TAB: J1 Tuesday, November 25, 2008 11:45:11 AM CAIVANIZEK	SHEET NO. <b>J1</b>	TOTAL SHEETS 63	



**STANDARD CURB & GUTTER**



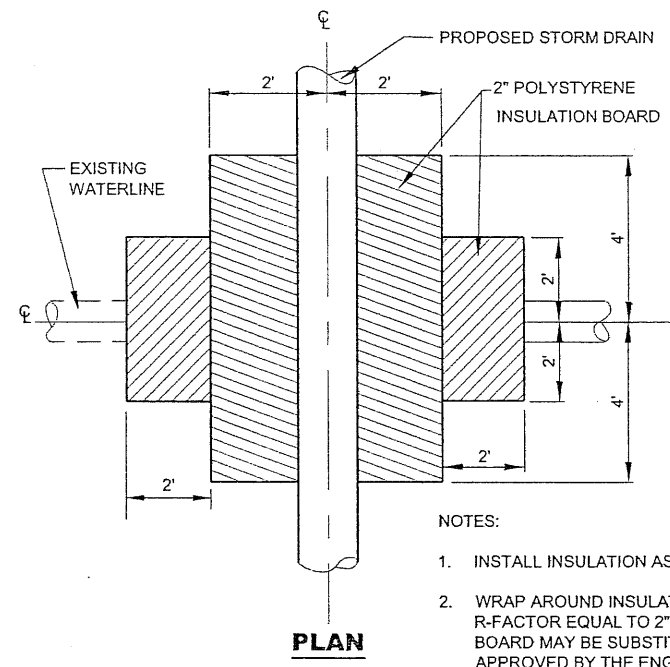
**VALLEY GUTTER**



**DEPRESSED CURB & GUTTER**  
(USED AT CURB CUTS AND ADA RAMPS)

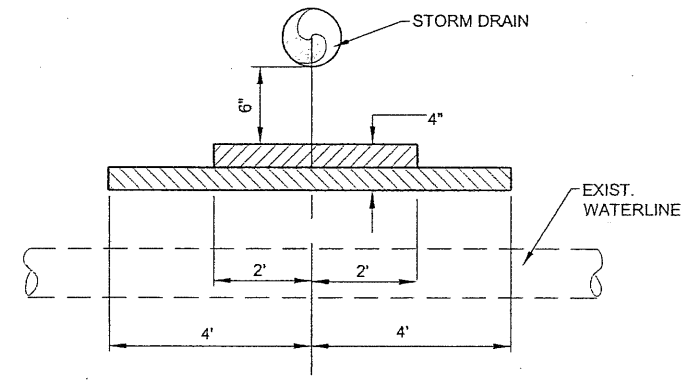
**CURB & GUTTER DETAIL**

**NOTE:** N.T.S.  
BOTH FRONT AND BACK EDGES OF THE CURB & GUTTER SHALL BE TROWELED TO A RADIUS OF ONE-HALF (1/2) INCH.



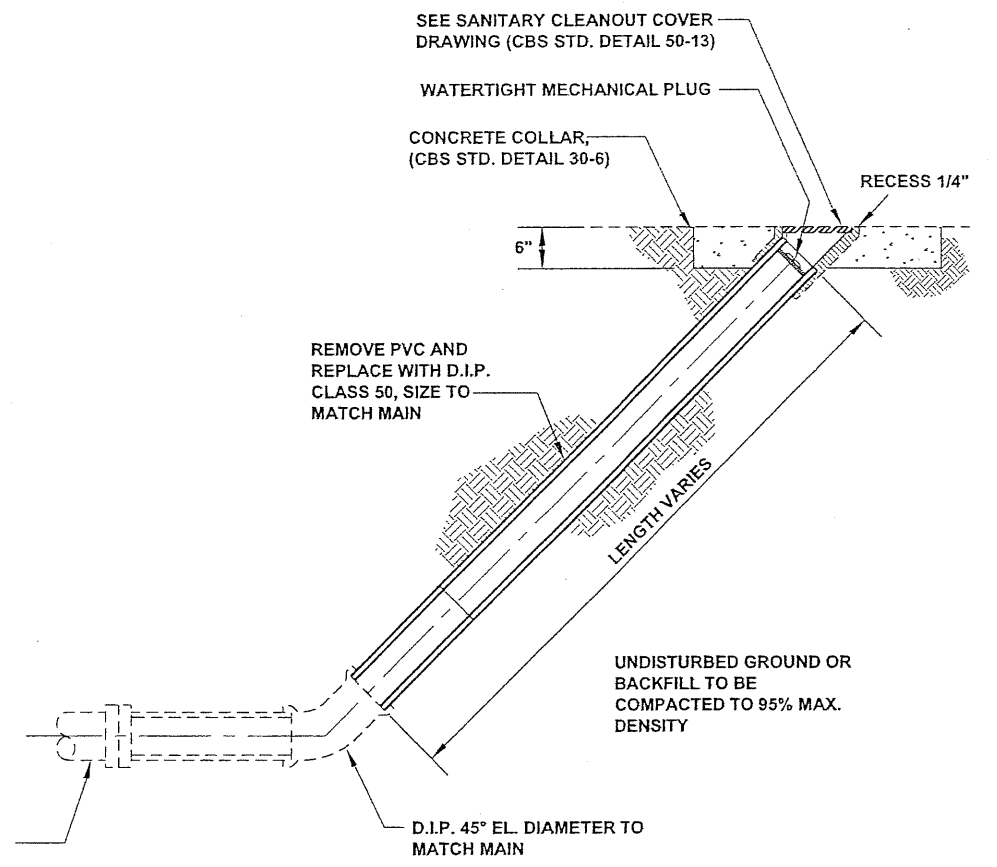
**PLAN**

- NOTES:**
1. INSTALL INSULATION AS SHOWN.
  2. WRAP AROUND INSULATION WITH R-FACTOR EQUAL TO 2" RIGID BOARD MAY BE SUBSTITUTED IF APPROVED BY THE ENGINEER.



**SECTION RIGID INSULATION**

**N.T.S.**



**SANITARY CLEANOUT DETAIL**

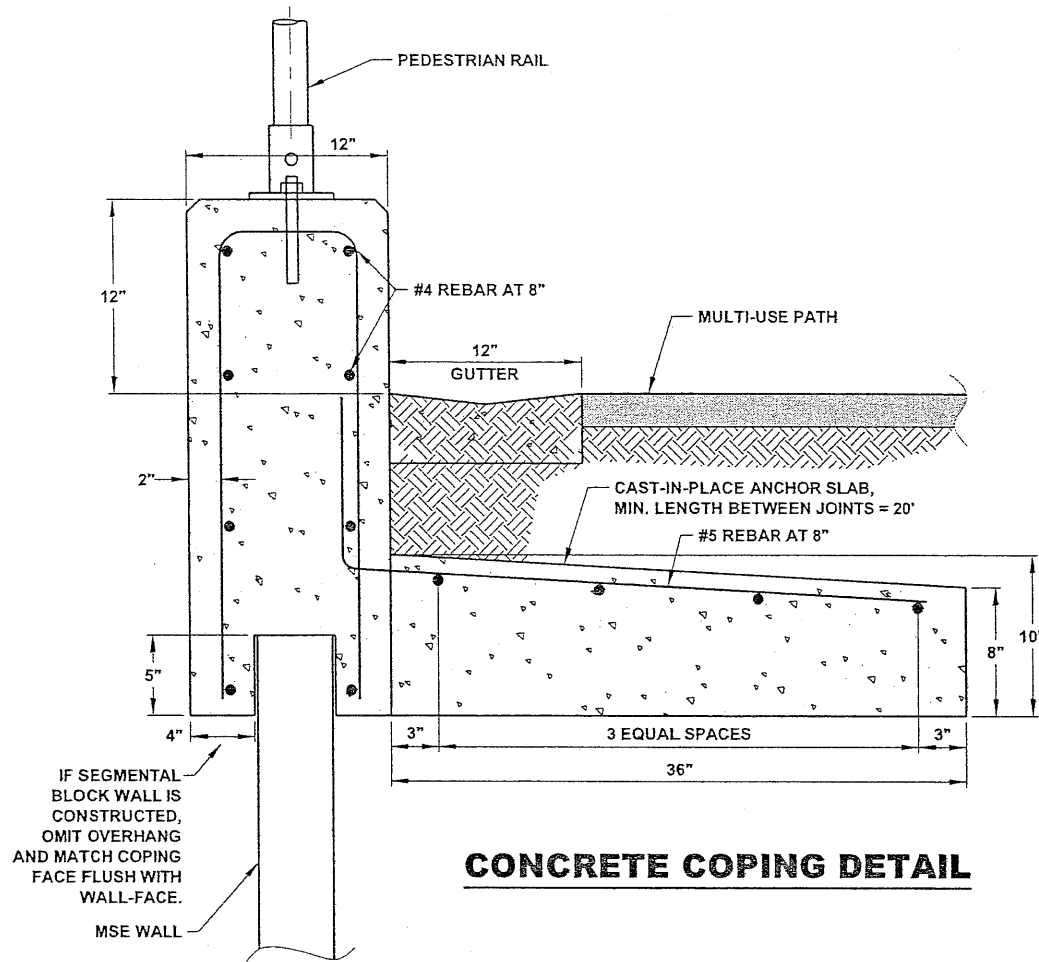
**N.T.S.**

**NOTE:** WHEN D.I. PIPE WITH MECHANICAL JOINT IS USED, CONCRETE ENCASEMENT IS NOT NECESSARY

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date *2/18/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION			
DESIGNED BY: C. IVANIZEK DRAWN BY: R. SNYDER		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733 <b>MISCELLANEOUS          DETAILS</b>			
PATH: Q:\SIT\69208\PLANS\TJ1-3_DET.DWG TAB: J2 Tuesday, November 25, 2008 1:50:50 PM CAIVANISZEK		PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRL-0933(35) ~ 67733			
NO.	DATE	DESCRIPTION	YEAR	SHEET NO.	TOTAL SHEETS
			2008	<b>J2</b>	63



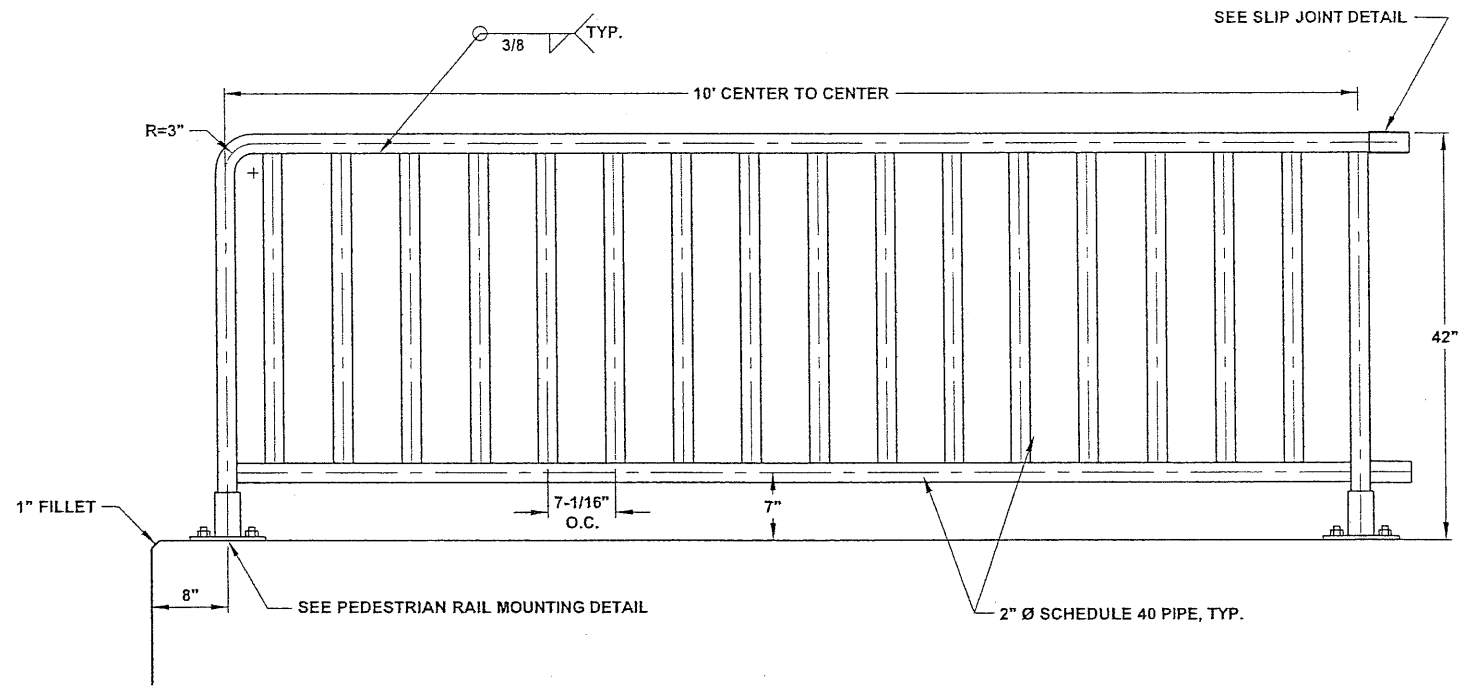
**CONCRETE COPING DETAIL**

**GENERAL NOTES:**

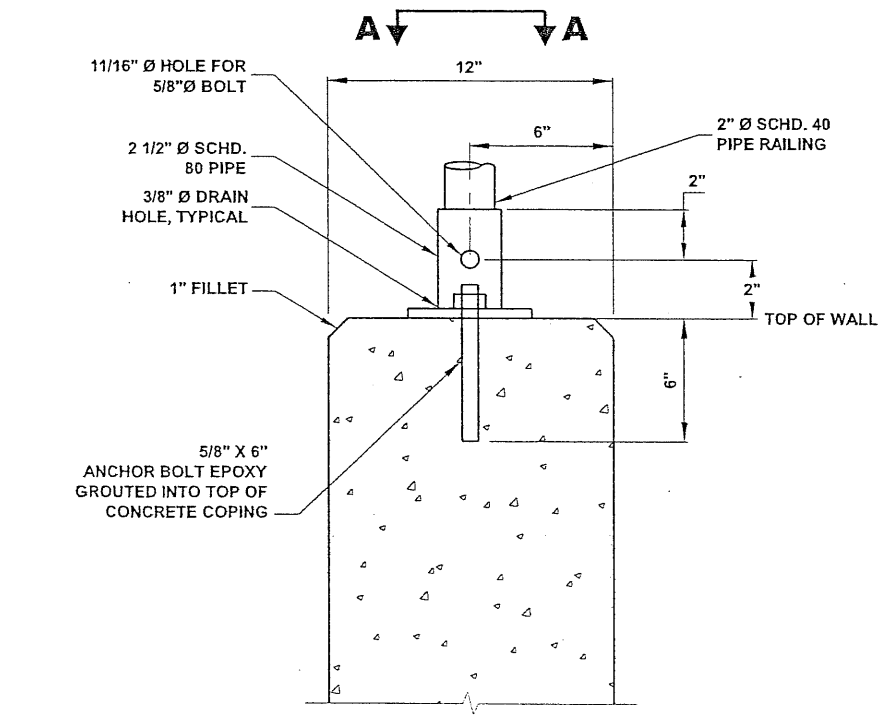
1. COPING DETAIL SHOWN IS FOR CONCEPTUAL PURPOSES ONLY. DEVELOP SPECIFIC COPING DETAILS FOR THE CONTRACTOR SELECTED WALL SYSTEM. SHOP DRAWINGS FOR THE CONCRETE COPING SHALL BE SUBMITTED TO THE ENGINEER IN ACCORDANCE WITH 511-2.01.4. THE SHOP DRAWINGS SHALL INCLUDE BAR BENDING DETAILS.
2. DETAILS ON THIS SHEET ARE TO BE USED IN DEVELOPMENT OF SPECIFIC DETAILS FOR MOUNTING PEDESTRIAN RAILING ON MECHANICALLY STABILIZED EARTH (MSE) WALLS.
3. THE SPECIFIC DETAILS PROPOSED SHALL HAVE STRENGTHS EQUIVALENT TO THOSE SHOWN ON THIS SHEET. AN AREA OF PARTICULAR IMPORTANCE IS THE CONNECTION OF THE RAILING TO THE COPING.
4. PRECASTING OF THE COPING WILL BE ALLOWED. THE ANCHOR SLAB SHALL BE CAST-IN-PLACE.
5. CONCRETE SHALL BE CLASS "A".
6. ALL REINFORCING STEEL SHALL BE GRADE 60.
7. LONGITUDINAL BARS SHALL BE #4.
8. COPING, ANCHOR SLABS, AND GUTTER SHALL BE CONSIDERED SUBSIDIARY TO ITEM 511(1). THE PEDESTRIAN RAILING WILL BE PAID UNDER ITEM 507(2).

**CAST IN-PLACE COPING NOTES:**

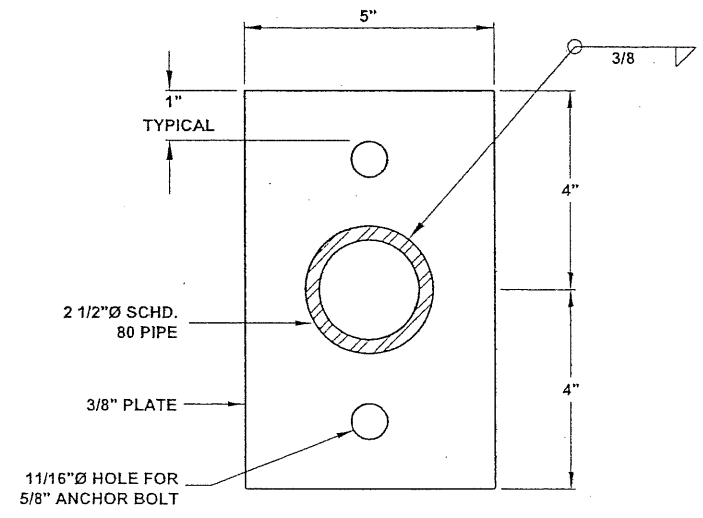
1. CASTING OF THE COPING DIRECTLY AGAINST THE PRECAST PANEL SIDES WILL NOT BE PERMITTED, AS THIS MAY RESULT IN PANEL CRACKING. THE CONTRACTOR SHALL USE A 1/4" (MIN.) COMPRESSIBLE MATERIAL ON BOTH SIDES OF THE PANEL TO ISOLATE THE COPING FROM THE PRECAST PANEL.
2. COPING JOINTS SHALL BE PROVIDED AT 33' MAXIMUM SPACING AND SHALL BE PLACED TO COINCIDE WITH PRECAST PANEL JOINTS.
3. PRECAST COPING SHALL BE PROVIDED IN 10' MINIMUM LENGTHS.



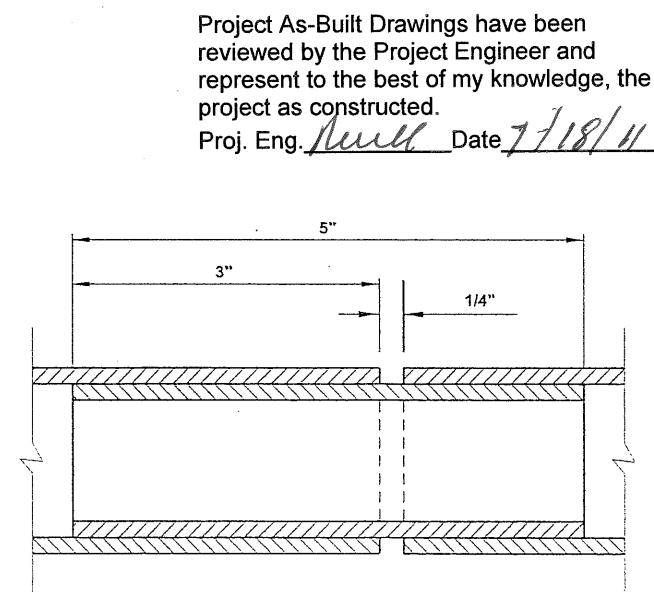
**PEDESTRIAN RAIL FRONT VIEW**



**PEDESTRIAN RAIL MOUNTING DETAIL**  
N.T.S.



**SECTION A-A**  
N.T.S.



**SLIP JOINT DETAIL**  
N.T.S.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Howell* Date *7/18/11*

**PEDESTRIAN RAILING NOTES:**

1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL PEDESTRIAN RAILING PRIOR TO FABRICATION FOR THE ENGINEER'S REVIEW AND APPROVAL.
2. ALL VERTICAL RAILING MEMBERS SHALL BE PLUMB.
3. RAILING PANELS SHALL BE SPLICED USING SLIP JOINT TO PROVIDE CONTINUOUS RAILING. SEE DETAIL.
4. OVERALL LENGTH OF RAILING SEGMENT MAY BE LIMITED DUE TO CONFIGURATION OF WALL. SEE CONCRETE WALL PLANS.
5. ALL RAILING MEMBERS AND ASSOCIATED HARDWARE SHALL BE GALVANIZED.
6. RAILING SHALL BE CENTERED IN TOP OF COPING.
7. ALL VERTICAL MEMBERS SHALL BE SPACED TO MAINTAIN A UNIFORM GAP.
8. VERIFY ALL CONTROLLING DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.

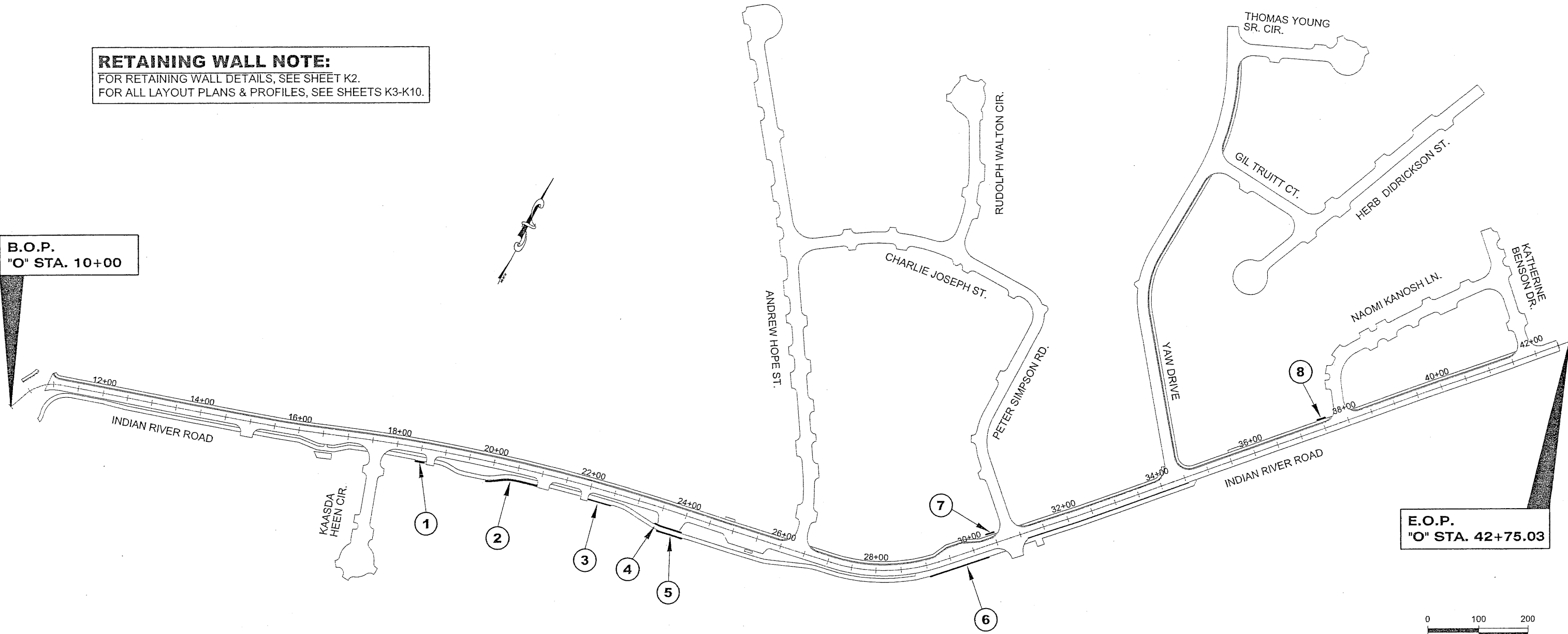
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANIZEK		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
DRAWN BY: R. SNYDER		MISCELLANEOUS DETAILS	
PATH: Q:\SIT\69208\PLANS\TU1-3_DET.DWG		YEAR: 2008	TOTAL SHEETS: 63
TAE: J3 Tuesday, November 25, 2008 11:48:21 AM CAVANISZEK		PROJECT DESIGNATION: HPRM-0933(34) ~ 69208	SHEET NO.: J3
NO. DATE DESCRIPTION		PROJECT DESIGNATION: HPRM-0933(35) ~ 67733	TOTAL SHEETS: 63

**RETAINING WALL NOTE:**

FOR RETAINING WALL DETAILS, SEE SHEET K2.  
FOR ALL LAYOUT PLANS & PROFILES, SEE SHEETS K3-K10.

B.O.P.  
"O" STA. 10+00



E.O.P.  
"O" STA. 42+75.03



**WALL LAYOUT PLAN**

**511(1) MECHANICALLY STABILIZED EARTH WALL**

WALL NO.	BEGIN "O" STATION	OFFSET (ft)	END "O" STATION	OFFSET (ft)	MSE AREA (ft <sup>2</sup> )	REMARKS
3	22+01.0	26.5 R	22+49.0	26.5 R	381	
6	29+01.7	24.4 R	30+25.82	23.5 R	989	
TOTAL =					1370	

**514(1) ROCKERY WALL**

WALL NO.	BEGIN "O" STATION	OFFSET (ft)	END "O" STATION	OFFSET (ft)	AREA (ft <sup>2</sup> )	REMARKS
1	18+40.6	27.7 R	18+60.2	28.0 R	69	
2	19+90.6	39.5 R	20+94.8	26.0 R	406	
4	23+42.5	35.0 R	24+01.0	36.4 R	148	
5	23+50.3	47.9 R	24+07.3	47.4 R	192	
7	30+33.0	22.5 L	30+51.0	22.5 L	80	
8	37+40	21.0 L	37+58	21.0 L	43	
TOTAL =					938	

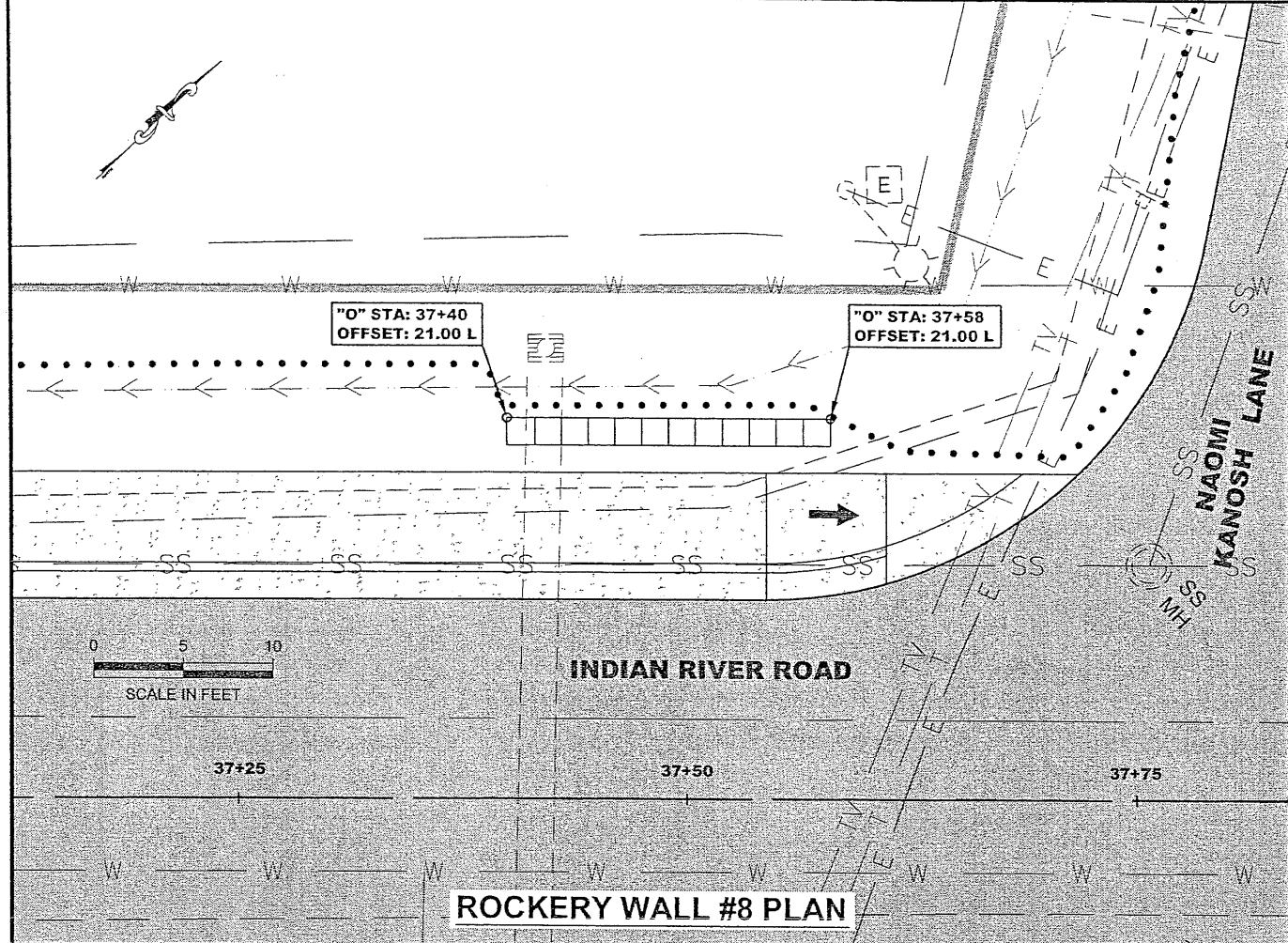
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *W. Hull* Date *2/18/14*

**GENERAL NOTES:**

1. WATER MAY BE ENCOUNTERED DURING THE EXCAVATION PHASE FOR THE MSE WALLS. THE CONTRACTOR SHALL SUBMIT A DRAINAGE PLAN TO THE ENGINEER FOR APPROVAL, PRIOR TO COMMENCING EXCAVATION FOR EACH RETAINING WALL SITE. DRAINAGE PLANS WILL BE AN AMENDMENT TO THE PROJECT'S SWPPP.
2. ADJUSTMENTS MAY BE NECESSARY TO SOME MSE RETAINING WALL SITES LINE AND GRADE. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EACH RETAINING WALL'S SITE LINE AND GRADE WITH THE ENGINEER.
3. BOTTOM OF RETAINING WALLS MAY VARY FROM THE DRAWINGS. BOTTOM OF RETAINING WALLS WILL BE DETERMINED BASED ON THE AMOUNT OF EXCAVATION TO FIRM GROUND OR BEDROCK AS REQUIRED BY THE ENGINEER.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

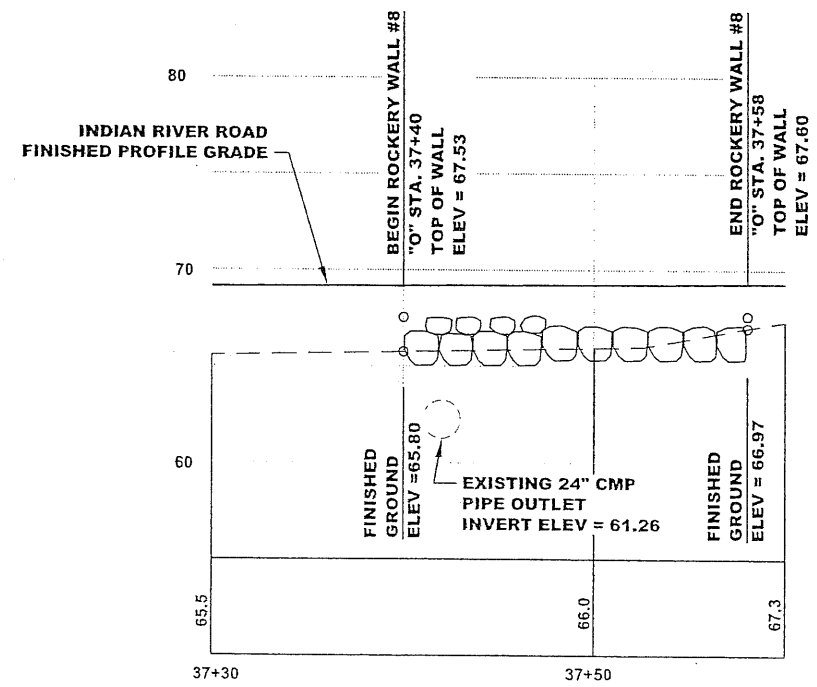
CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANISZEK DRAWN BY: R. SNYDER		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
PATH: Q:\SIT\69208\PLANSET\NOV. 08\BIDK1-2_WALL DETS.DWG TAB: K1 Tuesday, November 25, 2008 11:49:09 AM CAIVANISZEK		RETAINING WALL LAYOUT PLAN	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733	YEAR SHEET NO. TOTAL SHEETS 2008 <b>K1</b> 63



**ROCKERY WALL #8 PLAN**

**WALL #8**  
 AREA OF ROCK = 43 ft<sup>2</sup>

**NOTE:**  
 SEE SHEETS K1 & K2 FOR  
 ROCKERY WALL DETAILS.



**ROCKERY WALL #8 PROFILE**

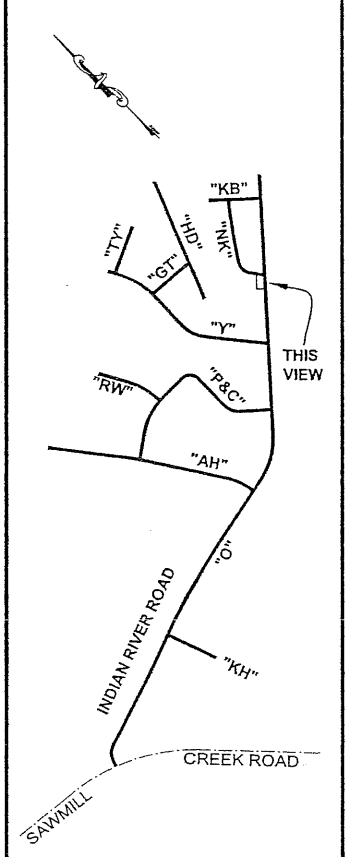
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *7/18/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SIT\69208\PLANSET\NOV.08  
 BID\K3-10\_UPDATED NOV 08 BID.DWG

WILSON, BRIAN G (DOT)  
 TAB: K10 Tuesday, November 25, 2008 2:58:44

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

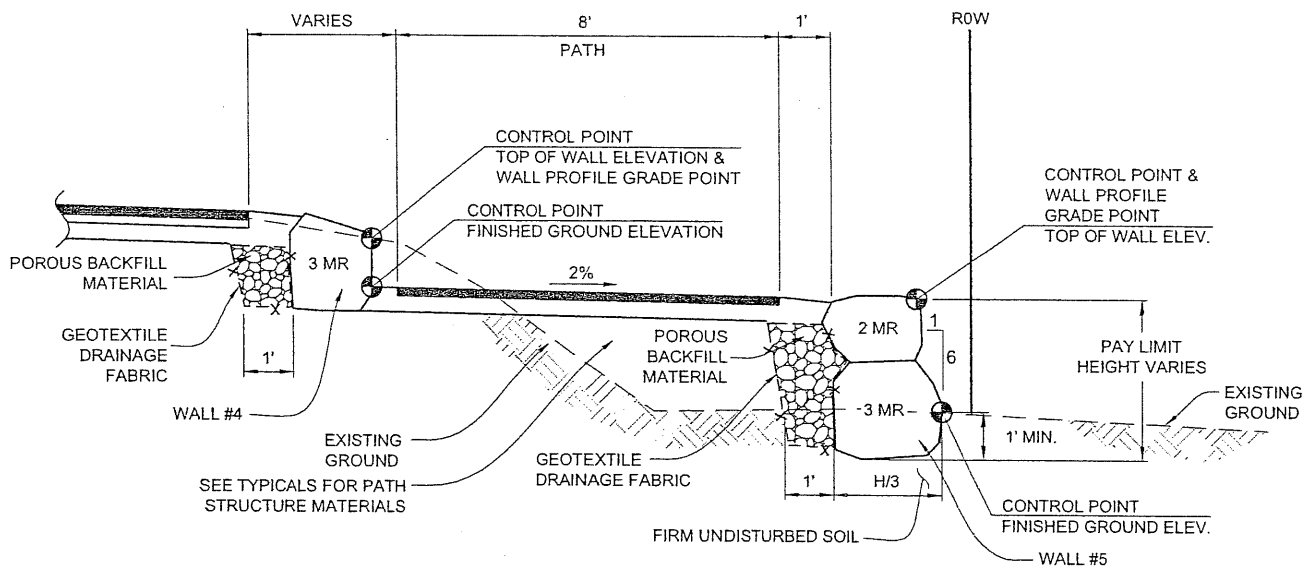
DESIGNED BY: C. VANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733**

**RETAINING WALL  
 PLAN & PROFILE**

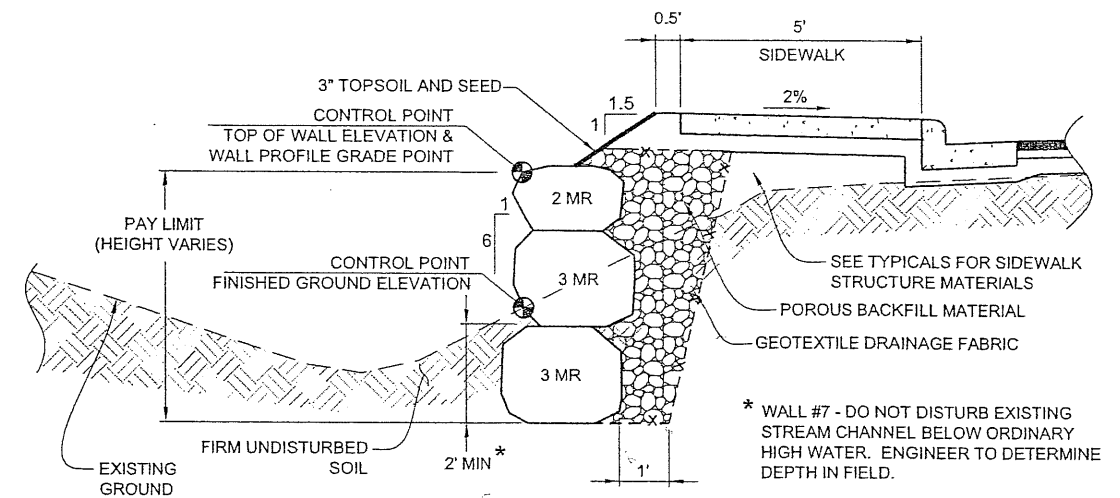
PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K10	63



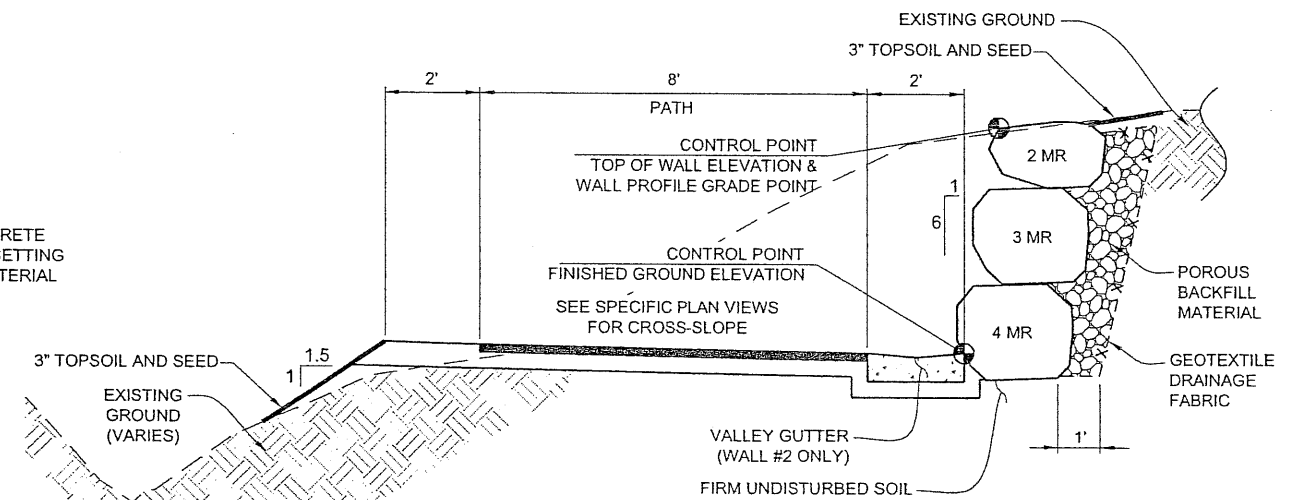
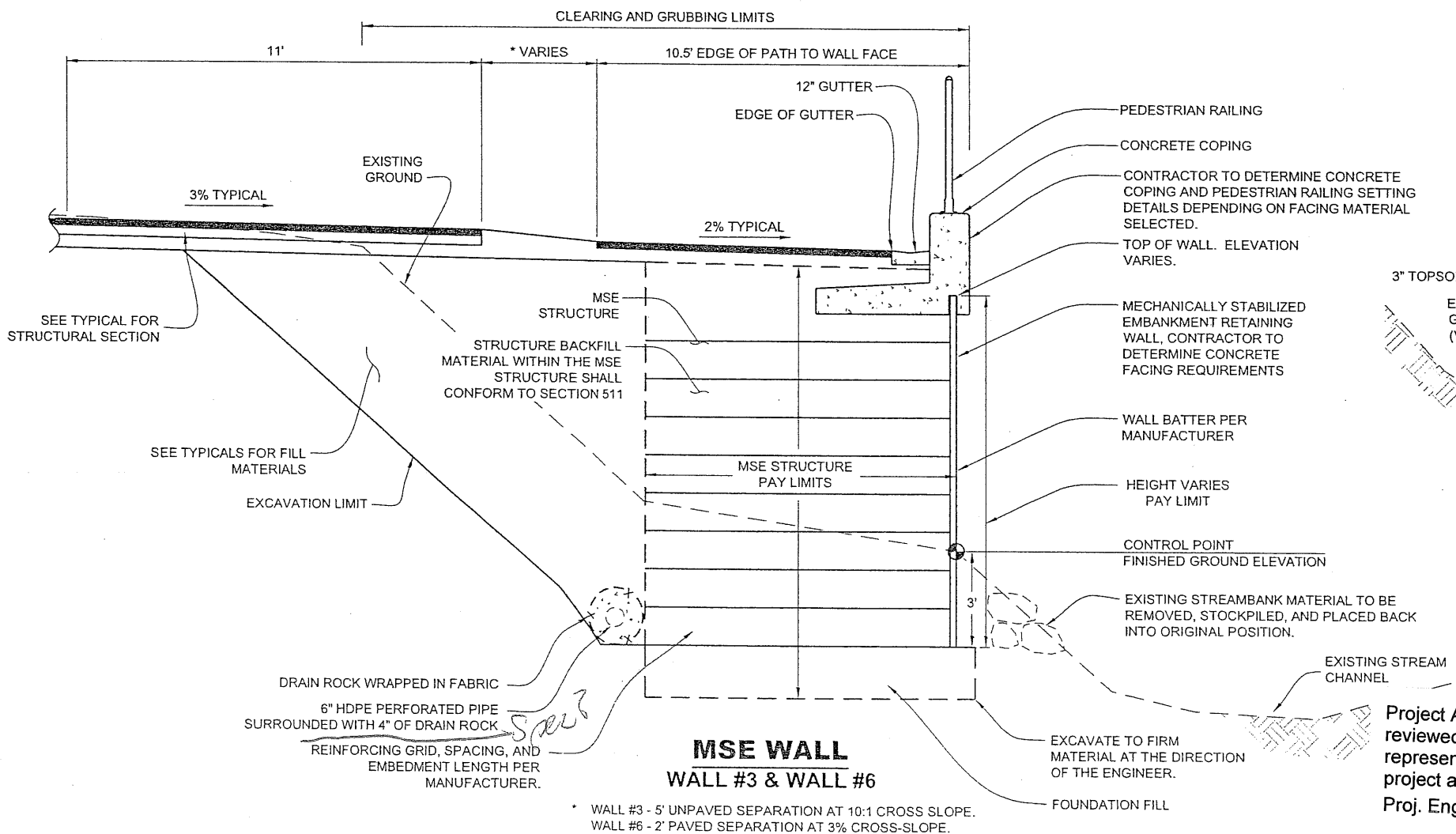
**ROCKERY WALL SECTION**  
**WALL #4: "O" STA. 23+42.5 TO 24+01.0 RT**  
**WALL #5: "O" STA. 23+50.3 TO 24+07.3 RT**

**ROCKERY WALL NOTES:**

- ROCK WALL LOCATION & OFFSETS SHALL BE APPROVED BY THE PROJECT ENGINEER.
  - LONG DIMENSION OF ROCKS SHALL EXTEND BACK TOWARDS THE CUT OR FILL FACE.
  - ROCK COURSES SHALL BE INTERLOCKED INTO TWO ROCKS AND BEARING INTO EACH SURFACE.
  - NO CONTINUOUS VERTICAL JOINT PLANES SHALL BE ALLOWED.
  - THE SIZE CATEGORIES FOR ROCK SHALL BE AS FOLLOWS:
- | SIZE | APPROXIMATE WEIGHT | DIMENSIONS   |
|------|--------------------|--------------|
| 2MR  | 300 TO 800 LBS     | 12-18 INCHES |
| 3MR  | 800 TO 1500 LBS    | 18-24 INCHES |
| 4MR  | 1500 TO 2000 LBS   | 24-32 INCHES |
- INSTALL APPROVED NON-WOVEN GEOTEXTILE TO PREVENT FINES FROM INFILTRATING POROUS BACKFILL MATERIAL.



**ROCKERY WALL SECTION**  
**WALL #7 "O" STA. 30+33.0 TO 30+51.0 LT.**  
**WALL #8 "O" STA. 37+40.0 TO 37+58.0 LT.**



**ROCKERY WALL SECTION**  
**WALL #1 "O" STA. 18+40.6 RT. TO 18+60.2 RT.**  
**WALL #2 "O" STA. 19+90.6 RT. TO 20+94.8 RT.**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  
 DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER  
 P.A.T.H.: Q:\SIT169208\PLANSET\NOV. 08 BID\K1-2\_WALL DETS.DWG  
 TAB: K2 Tuesday, November 25, 2008 11:49:26 AM CAIVANISZEK

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

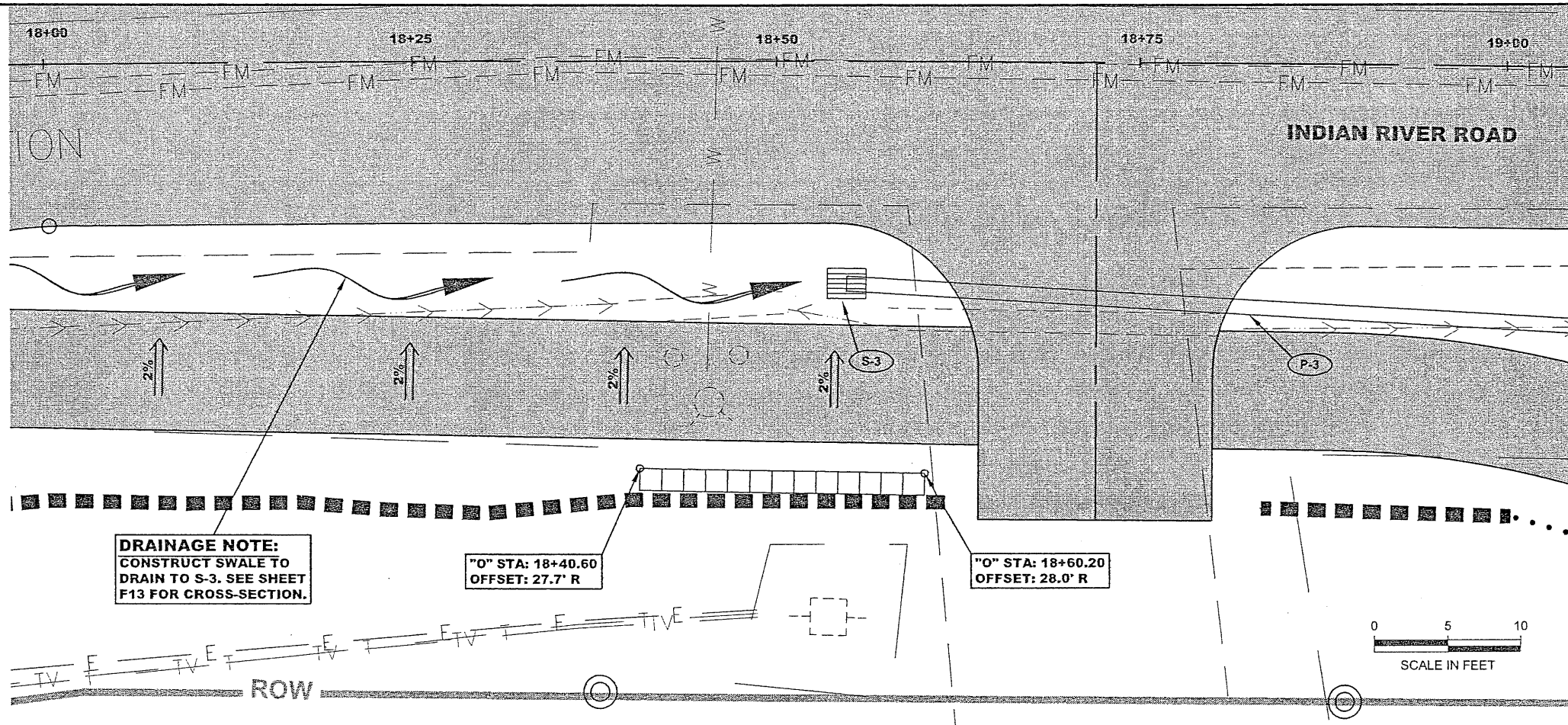
SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**RETAINING WALL  
 DETAILS**

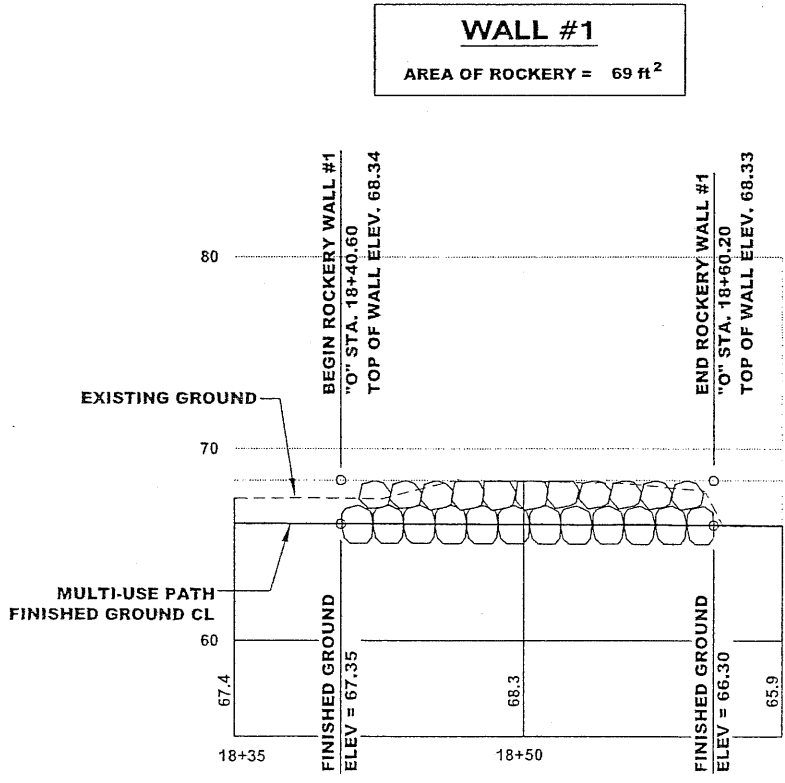
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			HPRM-0933(34) - 69208	2008	K2	63
			HPRM-0933(35) - 67733			

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *W. [Signature]* Date 9/29/04

SCALE IN FEET



**ROCKERY WALL #1 PLAN**



**ROCKERY WALL #1 PROFILE**

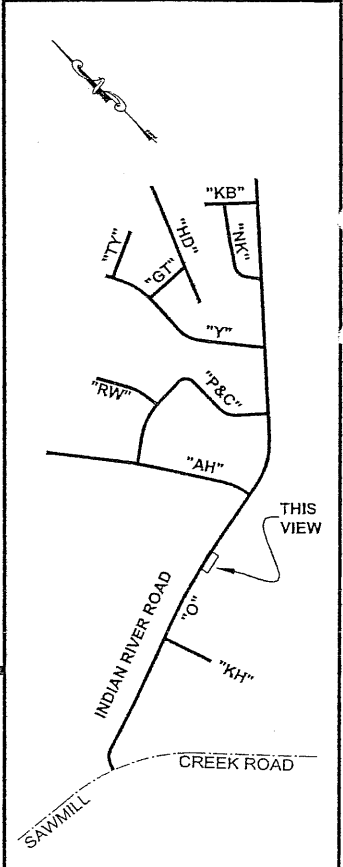
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Null* Date *9/29/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SITE\69208\PLANS\SETNOV.08  
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WILSON, BRIAN G (DOT)  
 TAB: K3 Tuesday, November 25, 2008 2:56:5

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

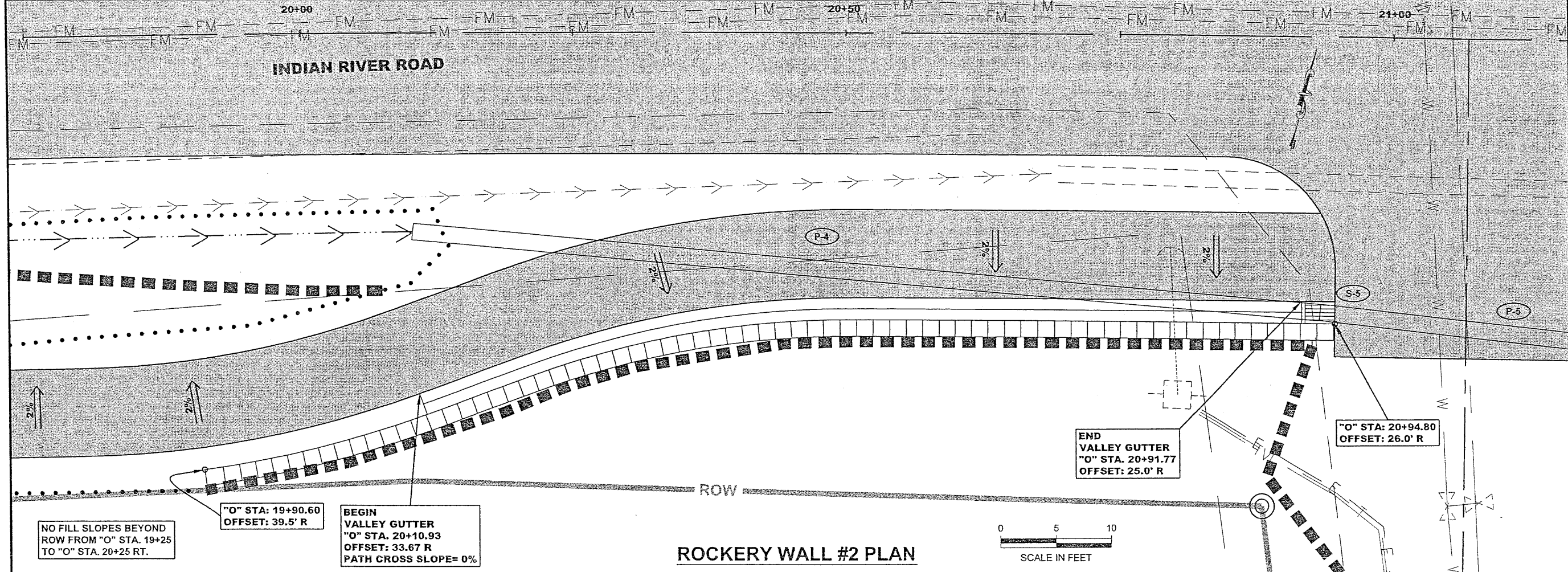
DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**RETAINING WALL  
 PLAN & PROFILE**

PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K3	63

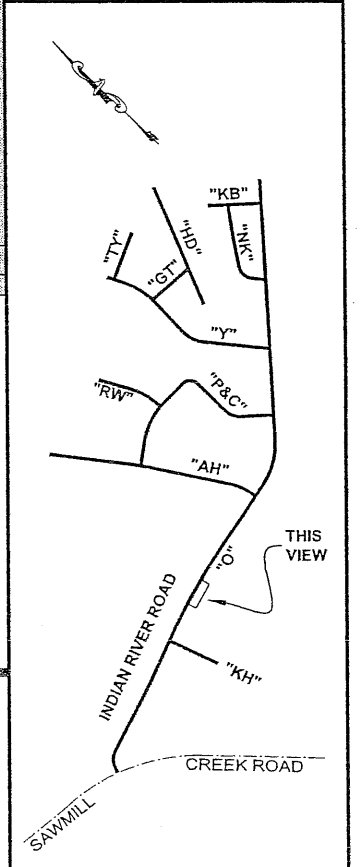


**ROCKERY WALL #2 PLAN**

PATH: Q:\SIT\69208\PLANS\SETNOV.08  
BID\K3-10\_UPDATED NOV 08 BID.DWG

WILSON, BRIAN G (DOT)  
TAB: K4 Tuesday, November 25, 2008 2:57:11

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
DRAWN BY: R. SNYDER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
IMPROVEMENTS REBID  
PROJECT # 69208 & 67733

**RETAINING WALL  
PLAN & PROFILE**

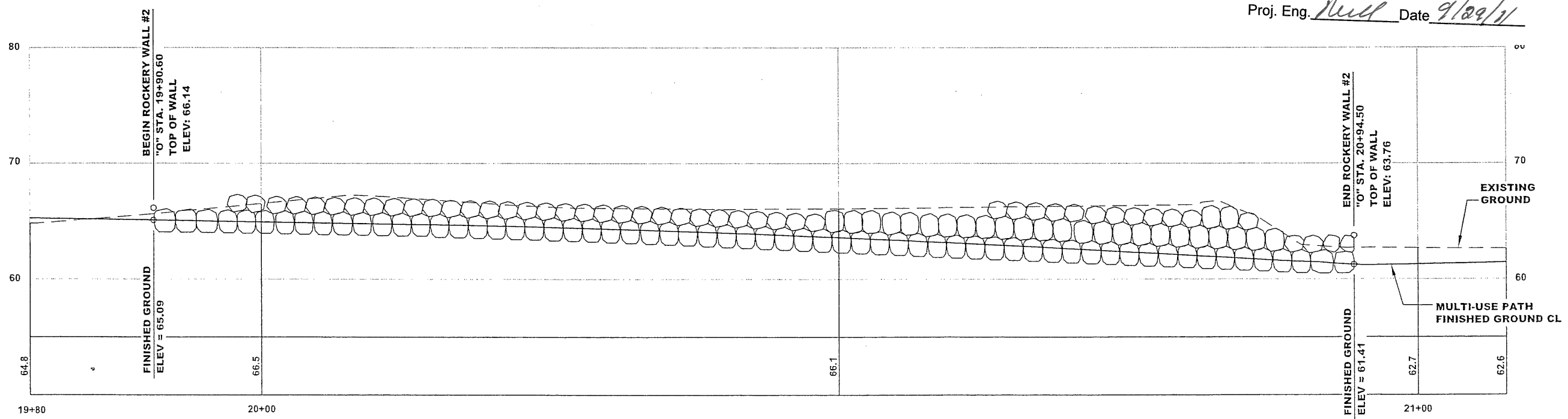
PROJECT DESIGNATION  
HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K4	63

**WALL #2**  
AREA OF ROCKERY = 406 ft<sup>2</sup>

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Neil* Date *9/29/11*

**NOTE:**  
SEE SHEETS K1 & K2 FOR  
ROCKERY WALL DETAILS

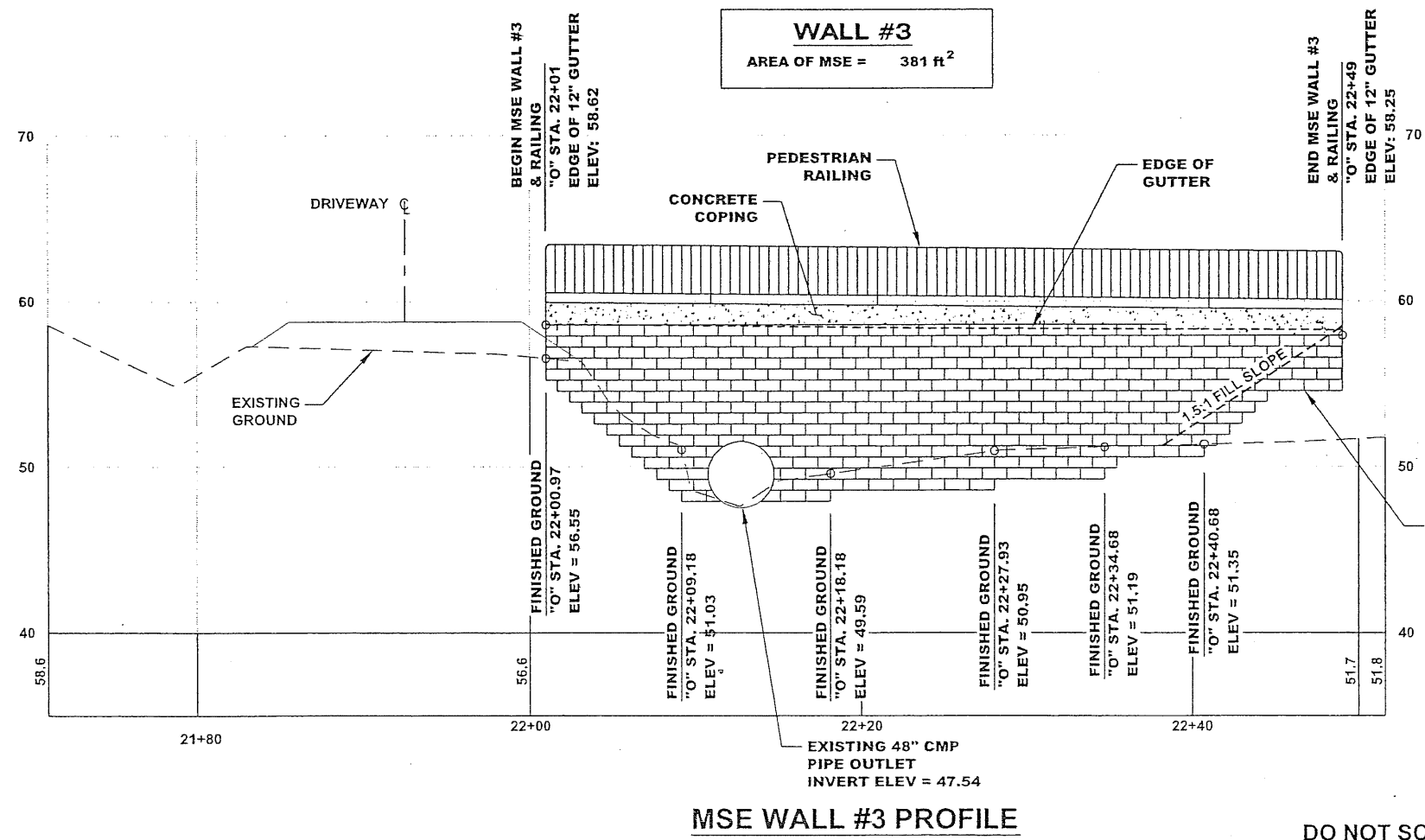
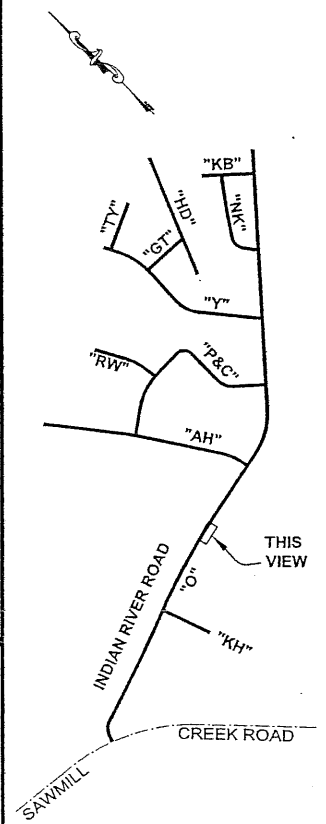
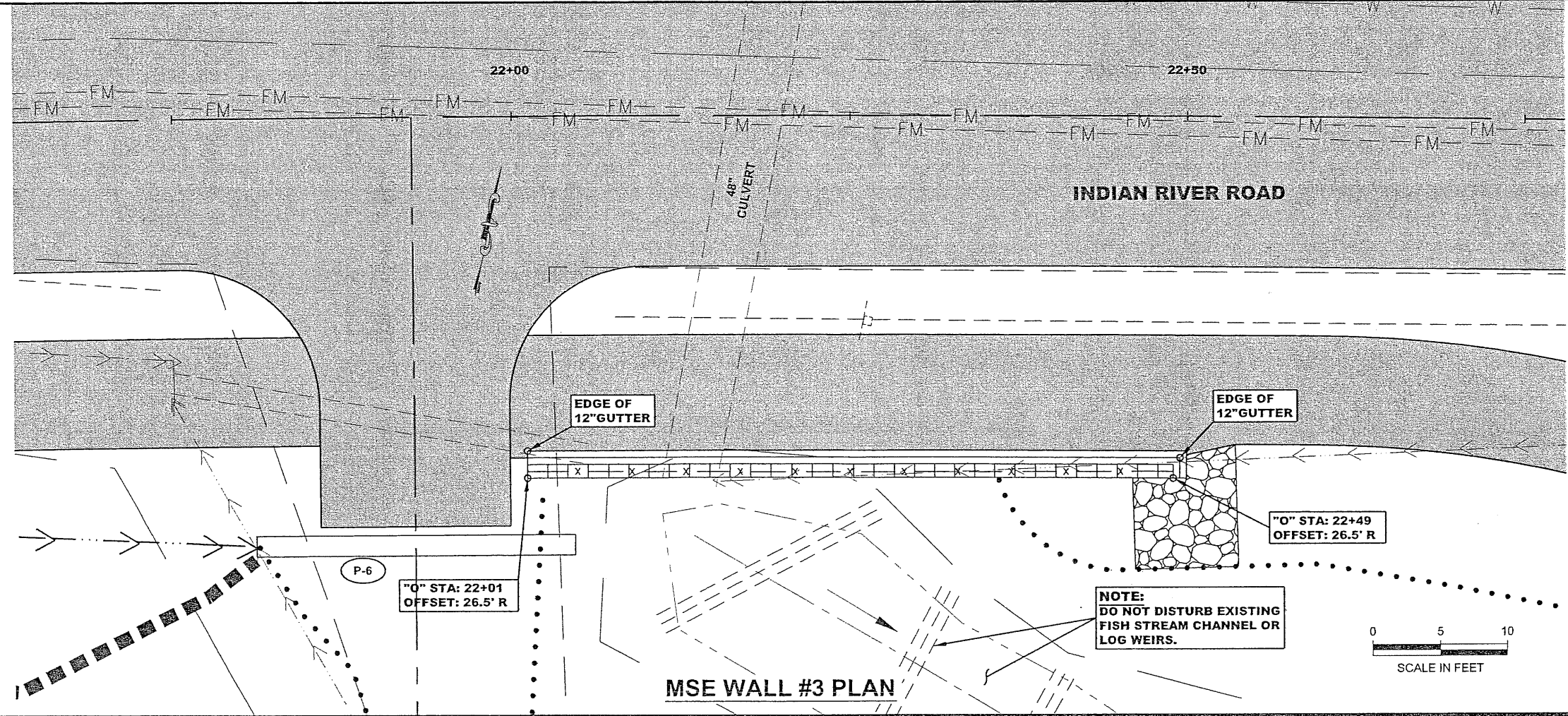


**ROCKERY WALL #2 PROFILE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/18/10*

NOTE:  
 SEE SHEETS K1 & K2 FOR MSE WALL DETAILS.

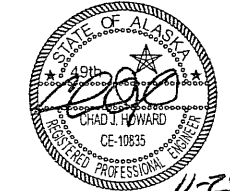
APPROXIMATE BOTTOM OF WALL (TYP.)

MSE WALL #3 PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK

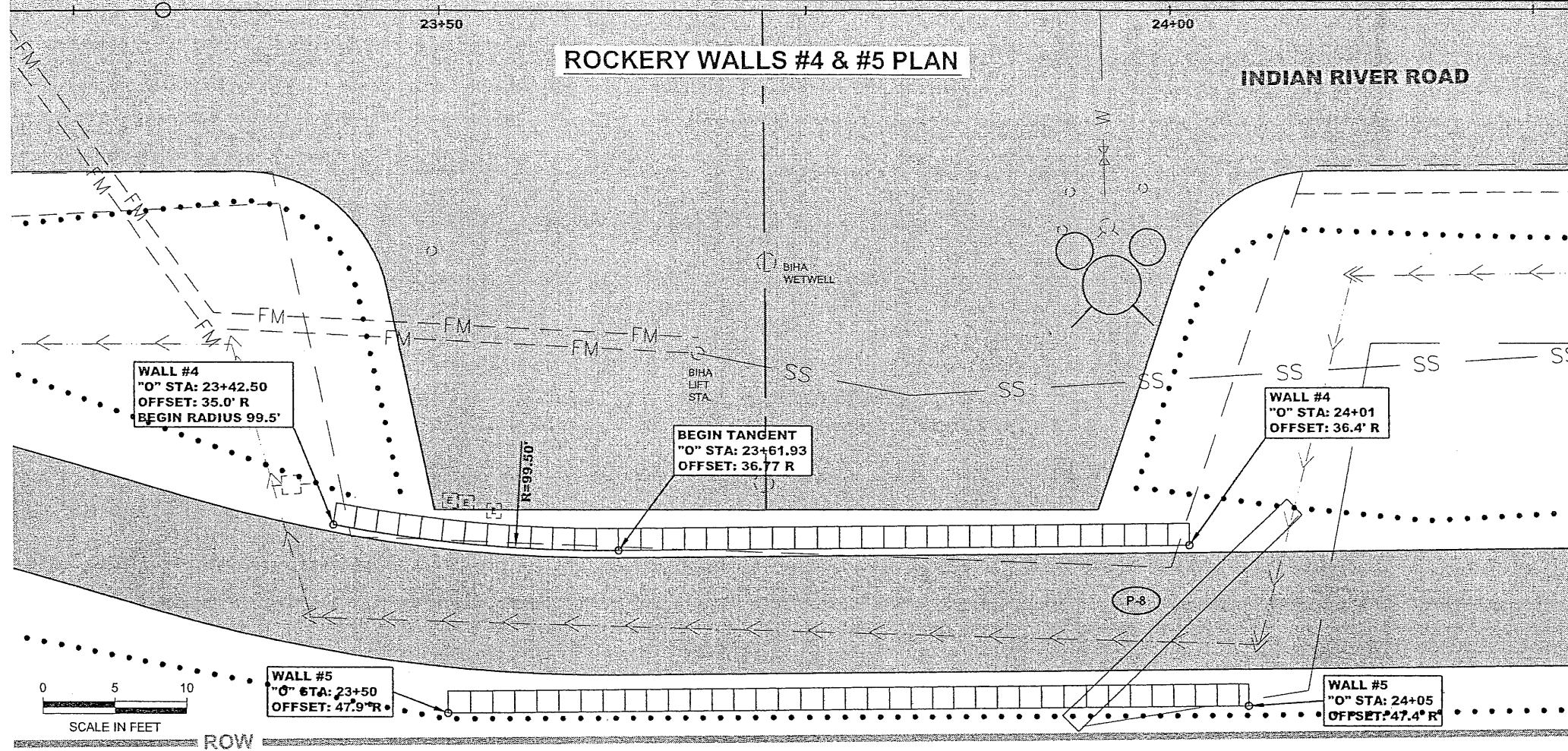
DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

RETAINING WALL PLAN & PROFILE

PROJECT DESIGNATION	
HPRM-0933(34)/HPRM-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K5	63



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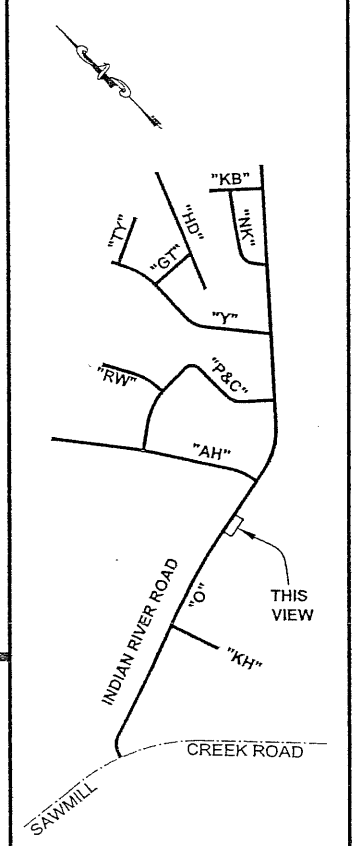
WILSON, BRIAN G (DOT)  
 TAB: K6 Tuesday, November 25, 2008 2:57:44

ADDENDUM NUMBER

ATTACHMENT NUMBER

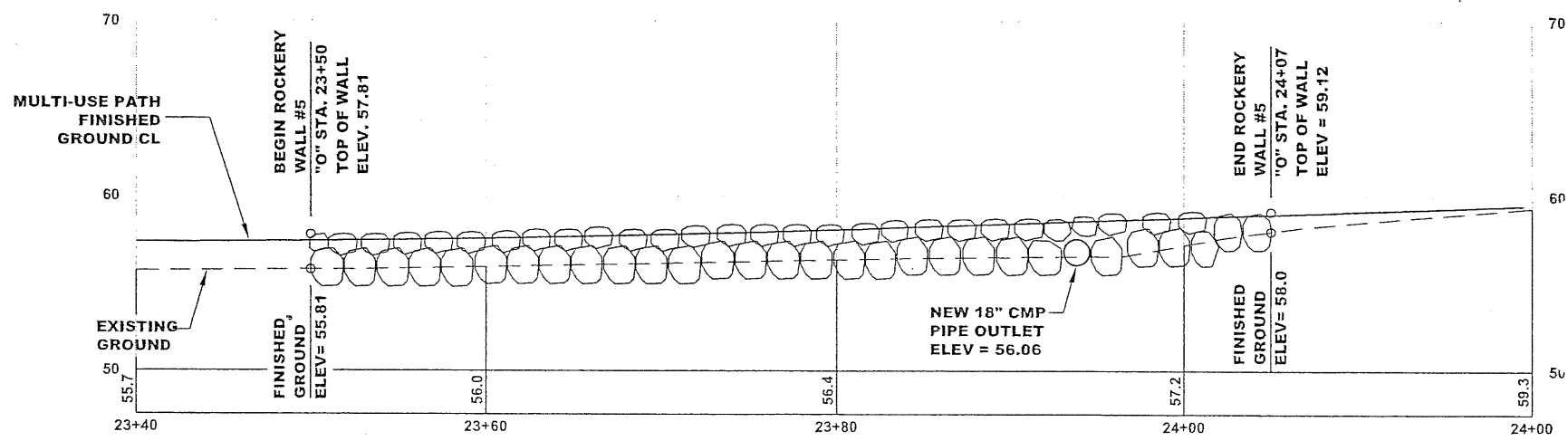
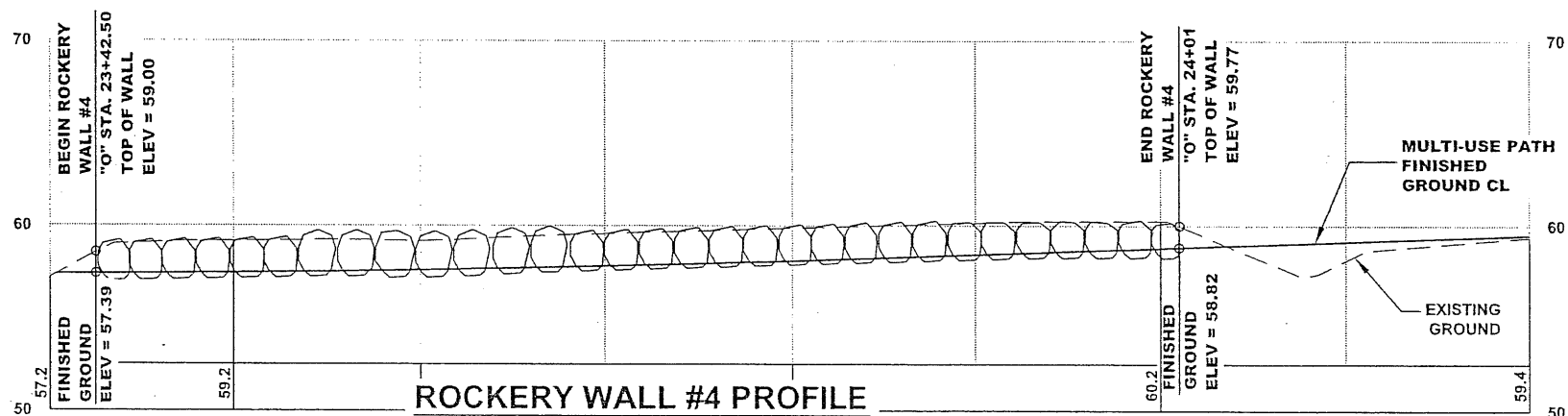
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**WALL #4**  
 AREA OF ROCKERY = 148 ft<sup>2</sup>

**WALL #5**  
 AREA OF ROCKERY = 192 ft<sup>2</sup>

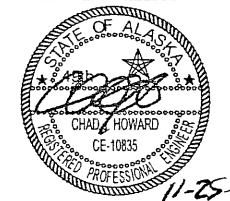


NOTE:  
 SEE SHEETS K1 & K2 FOR  
 ROCKERY WALL DETAILS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

ETAINING WALL  
 LAN & PROFILE

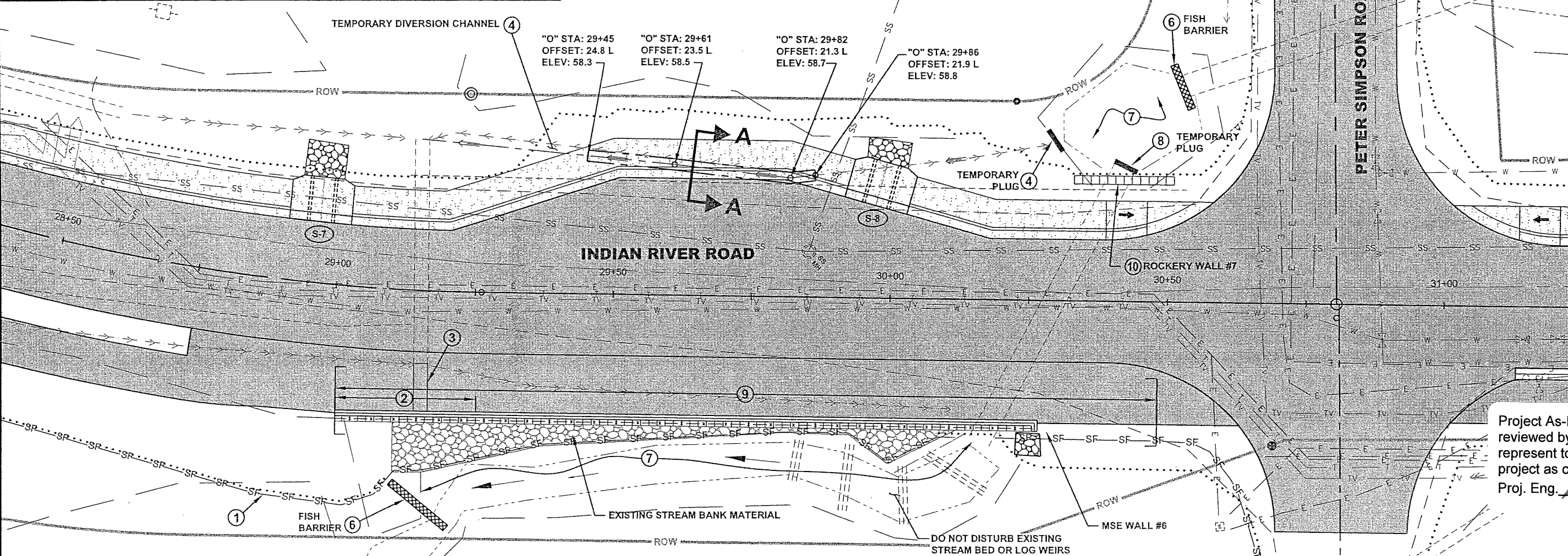
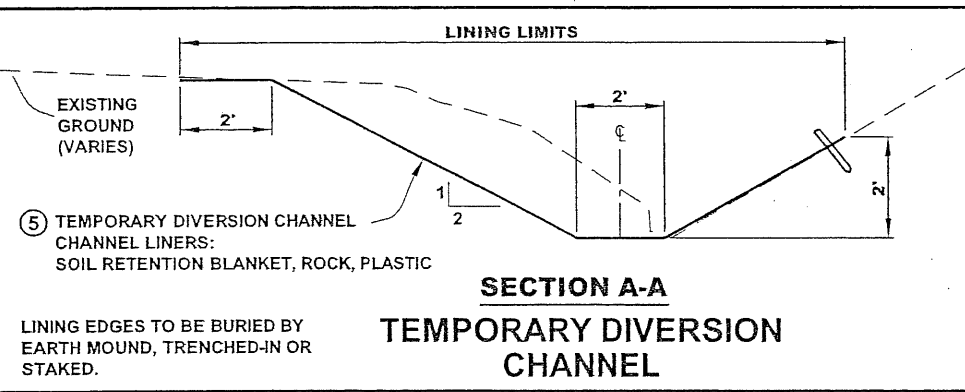
PROJECT DESIGNATION  
 RM-0933(34)/HPR-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K6	63

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 2/18/11

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

### MSE WALL #6 CONCEPTUAL WORK PLAN



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Neil* Date *11/18/10*

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

### MSE WALL #6 CONCEPTUAL WORK PLAN

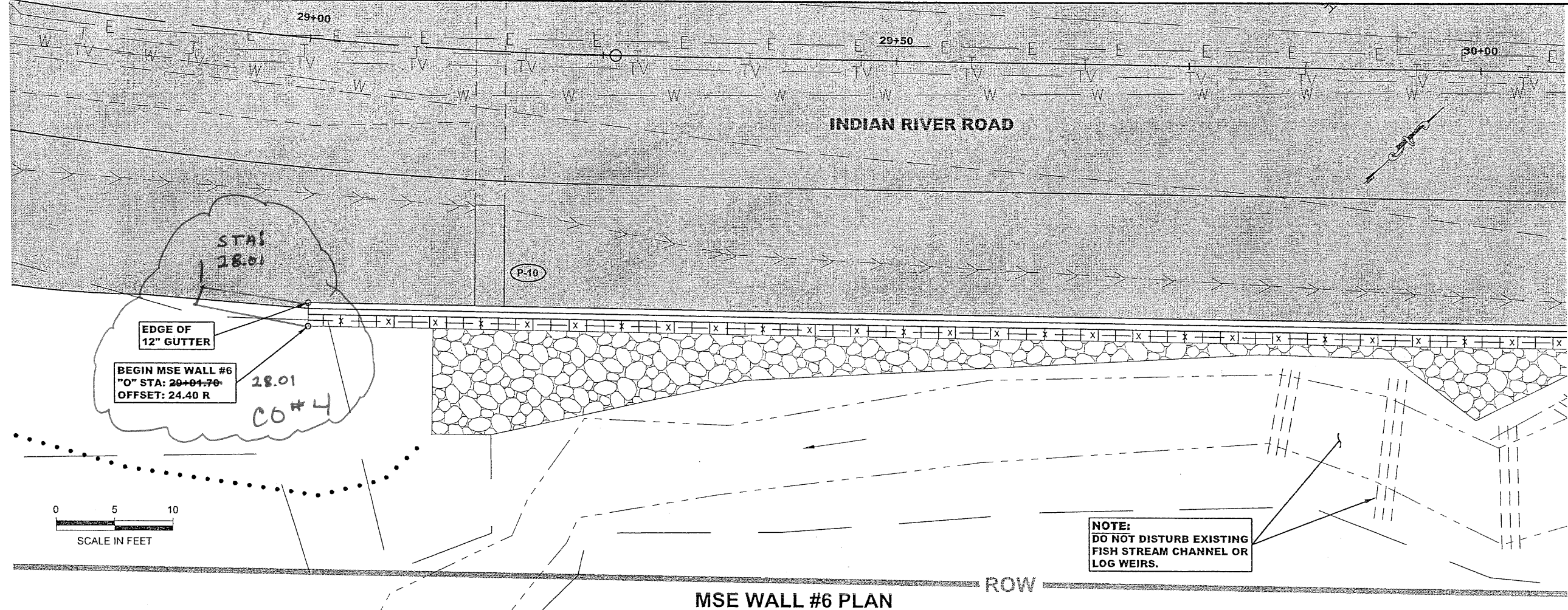
PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K7	63

### CONCEPTUAL WORK PLAN SEQUENCE

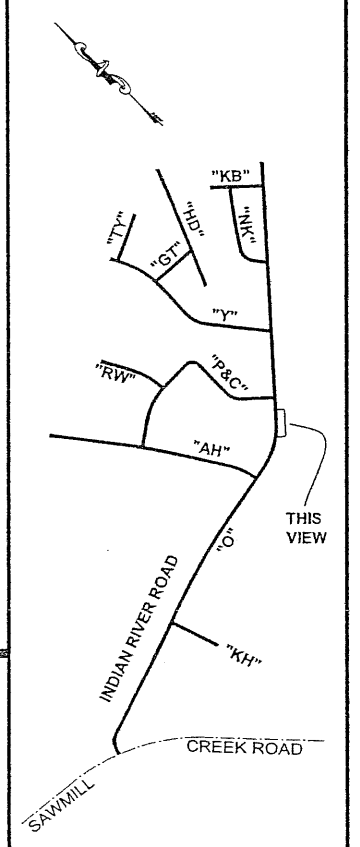
- 1) INSTALL SILT FENCE AT FILL SLOPE LIMITS AND ALONG THE STREAM BANK.
- 2) CONSTRUCT MSE WALL FROM "O" STA. 29+00 RT. TO "O" STA. 29+25 RT.
  - a) EXCAVATE AND BACKFILL LEVELING PAD FOR WALL FOUNDATION.
  - b) MINIMIZE IMPACT TO THE STREAM BANK.
  - c) STOCKPILE ALL STREAM BANK MATERIAL ENCOUNTERED DURING EXCAVATION.
  - d) CONSTRUCT BASAL LAYER OF WALL TO HEIGHT OF CULVERT INVERT.
  - e) PLACE STREAM BANK MATERIAL BACK INTO IT'S ORIGINAL POSITION.
- 3) EXTEND 30" CULVERT THROUGH MSE WALL.
- 4) CONSTRUCT A TEMPORARY DIVERSION CHANNEL FROM "O" STA. 29+45 LT. TO "O" STA. 29+86 LT., MAINTAIN A TEMPORARY PLUG UNTIL WATER IS DIVERTED.
- 5) CONSTRUCT CHANNEL LINING BEFORE BEGINNING DIVERSION OF STREAM FLOW.
- 6) INSTALL FISH BARRIERS AT CULVERT OUTLET "O" STA. 30+55 LT. AND ACROSS THE STREAM CHANNEL "O" STA. 29+20 RT.
- 7) TRAP FISH FROM STREAM BETWEEN FISH BARRIERS AND RELOCATE FISH DOWNSTREAM OF FISH BARRIER AT "O" STA. 29+20 RT.
- 8) CONSTRUCT A TEMPORARY PLUG AT THE ENTRANCE TO THE 36" CULVERT AND DIVERT WATER INTO THE TEMPORARY DIVERSION CHANNEL.
  - a) MAINTAIN AT ALL TIMES A MINIMUM OF 50% OF STREAM FLOW THROUGH THE UPSTREAM FISH BARRIER IN THE STREAM BELOW THE DOWNSTREAM FISH BARRIER.
  - b) CONSTRUCT TEMPORARY PLUG WITH SANDBAGS TO REGULATE STREAM FLOW.
  - c) PLACE SANDBAGS AS REQUIRED TO MAINTAIN MINIMUM FLOW WHILE RAISING THE STREAM LEVEL.
  - d) THE STREAM LEVEL MUST BE RAISED 1FOOT BEFORE TEMPORARY DIVERSION CHANNEL BEGINS TO FUNCTION.
  - e) ALTERNATE PLAN UTILIZING PUMPS MAY BE SUBMITTED FOR APPROVAL.
- 9) CONSTRUCT REMAINING MSE WALL.
  - a) EXCAVATE AND BACKFILL LEVELING PAD FOR WALL FOUNDATION.
  - b) MINIMIZE IMPACT TO THE STREAM BANK AND DO NOT DISTURB EXISTING LOG WEIRS.
  - c) STOCKPILE ALL STREAM BANK MATERIAL ENCOUNTERED DURING EXCAVATION.
  - d) PLACE STREAM BANK MATERIAL BACK INTO IT'S ORIGINAL POSITION.
- 10) CONSTRUCT ROCKERY WALL #7 FROM "O" STA. 30+33 LT. TO "O" STA. 30+51 LT.
- 11) REMOVE FISH BARRIERS AND TEMPORARY PLUGS TO RESTORE FLOW.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**MSE WALL #6 PLAN**

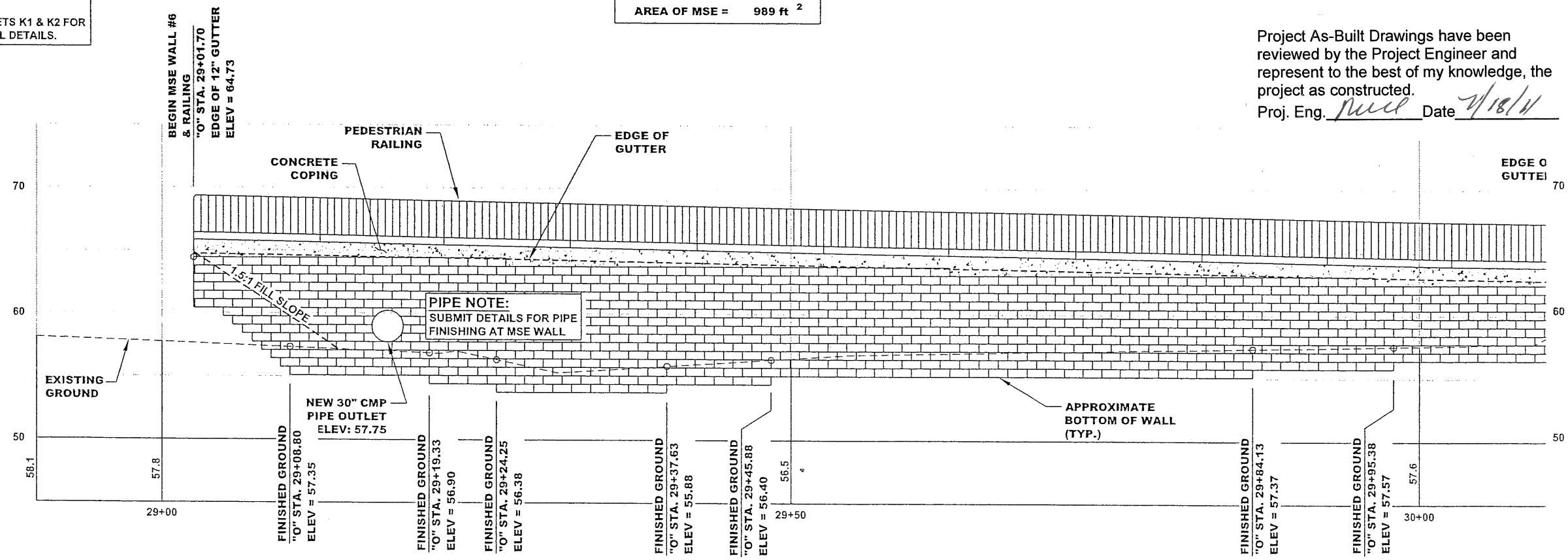


**PLAN LEGEND**

**NOTE:**  
 SEE SHEETS K1 & K2 FOR  
 MSE WALL DETAILS.

**WALL #6**  
 AREA OF MSE = 989 ft<sup>2</sup>

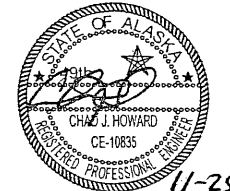
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *11/18/11*



**MSE WALL #6 PROFILE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

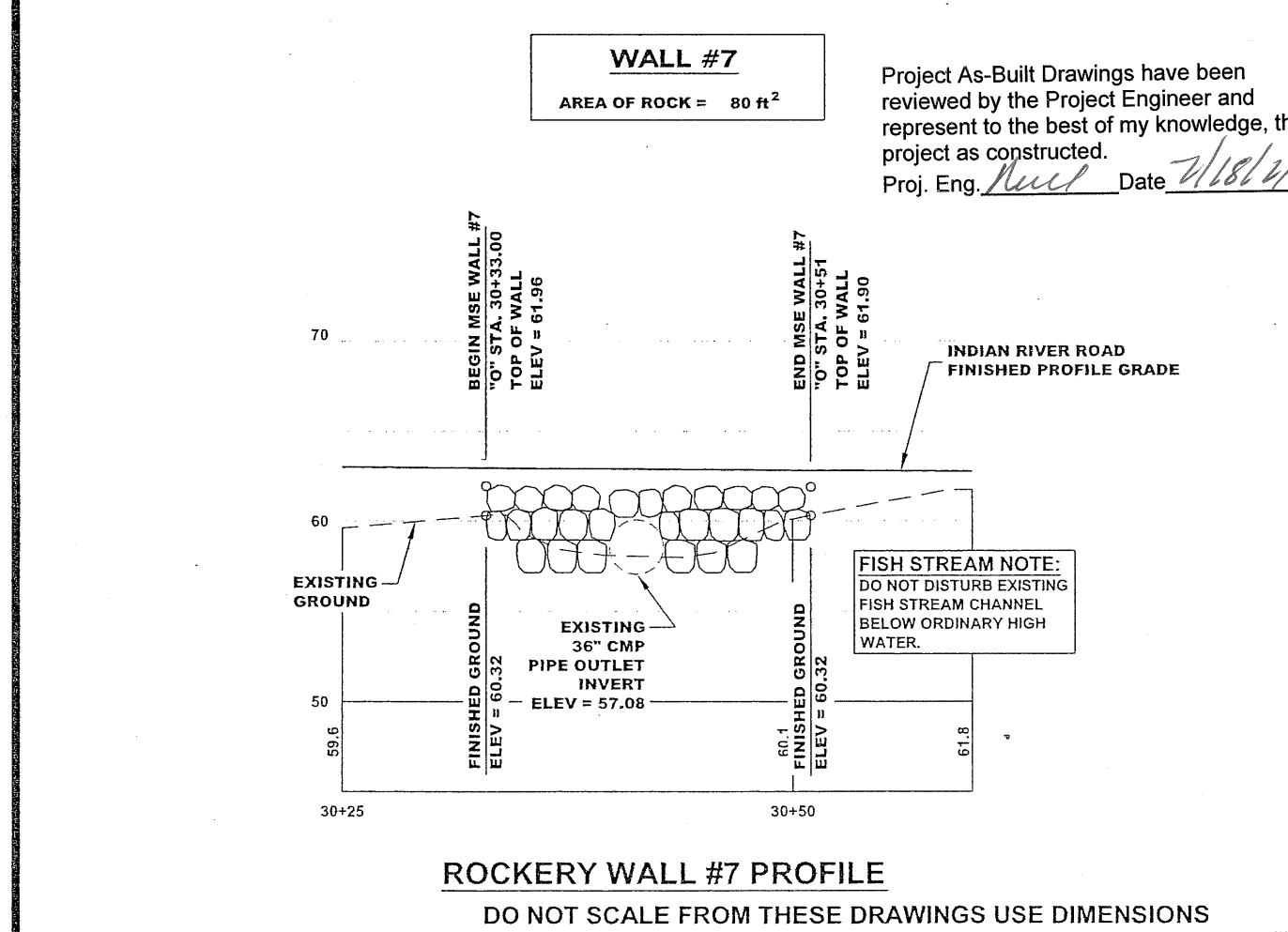
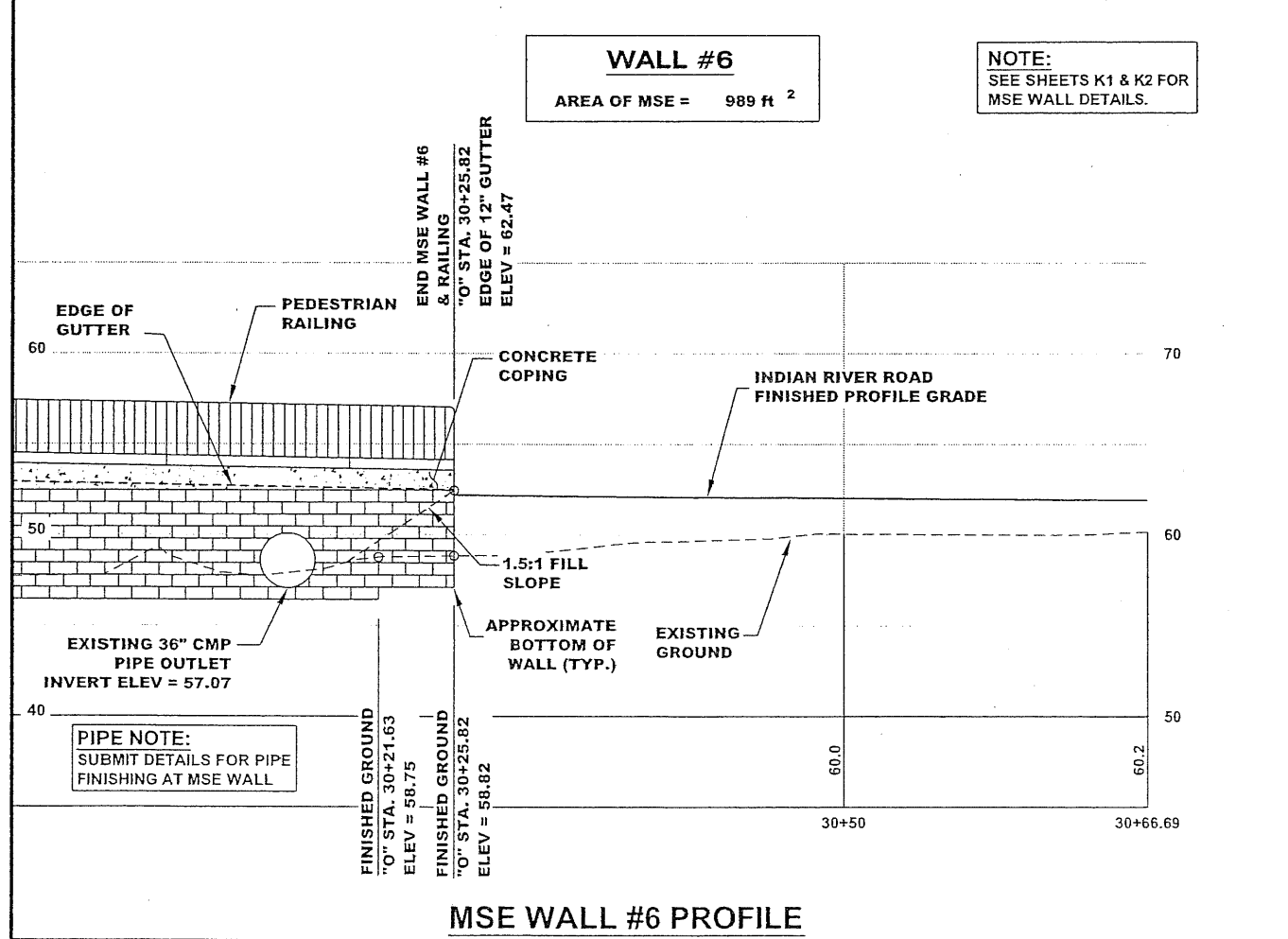
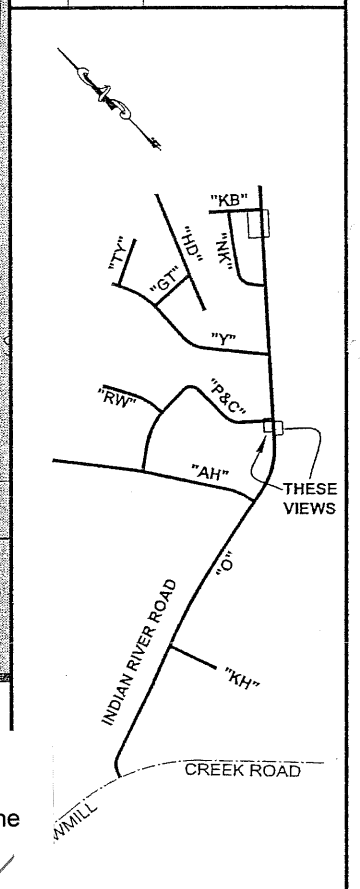
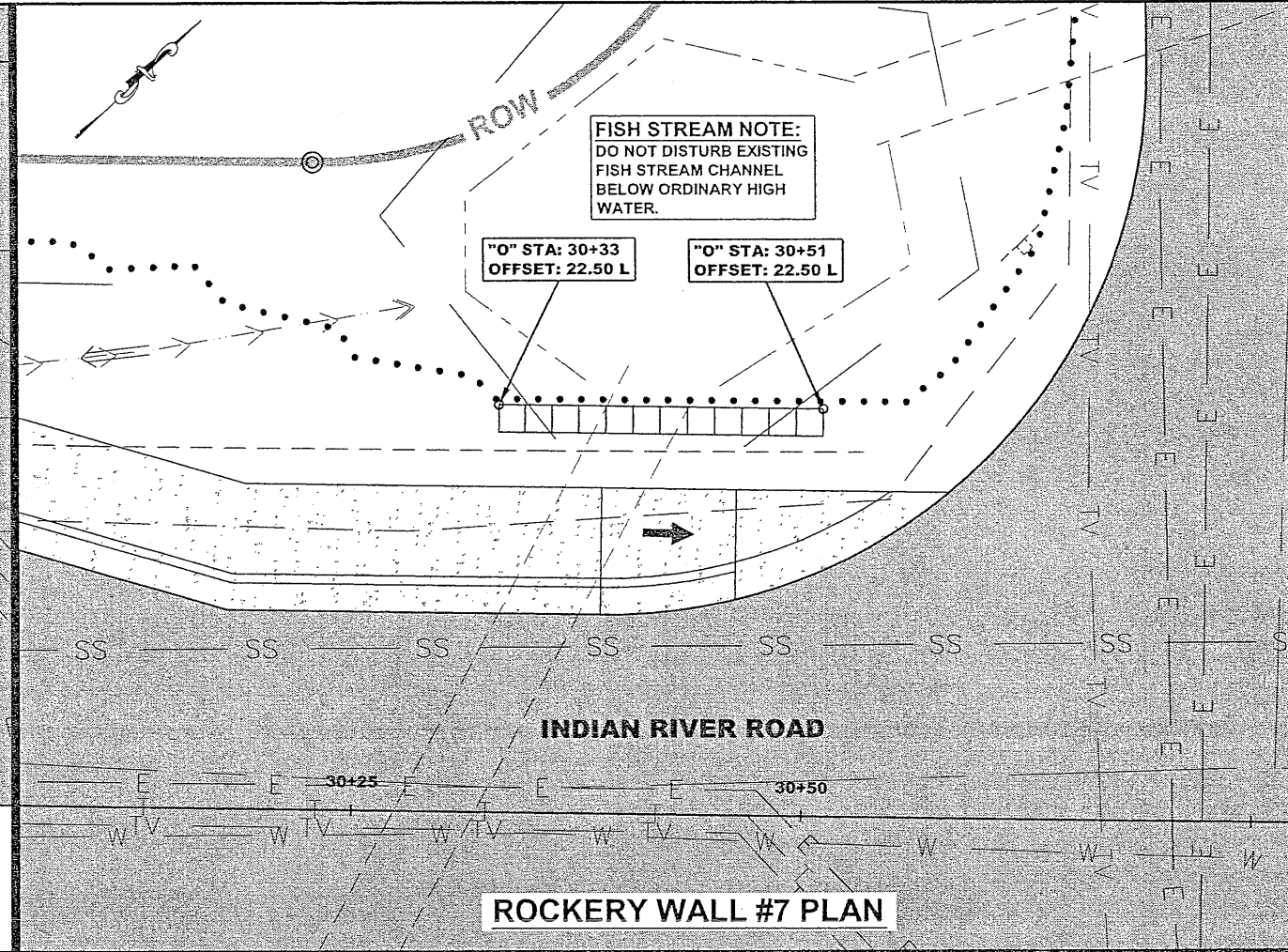
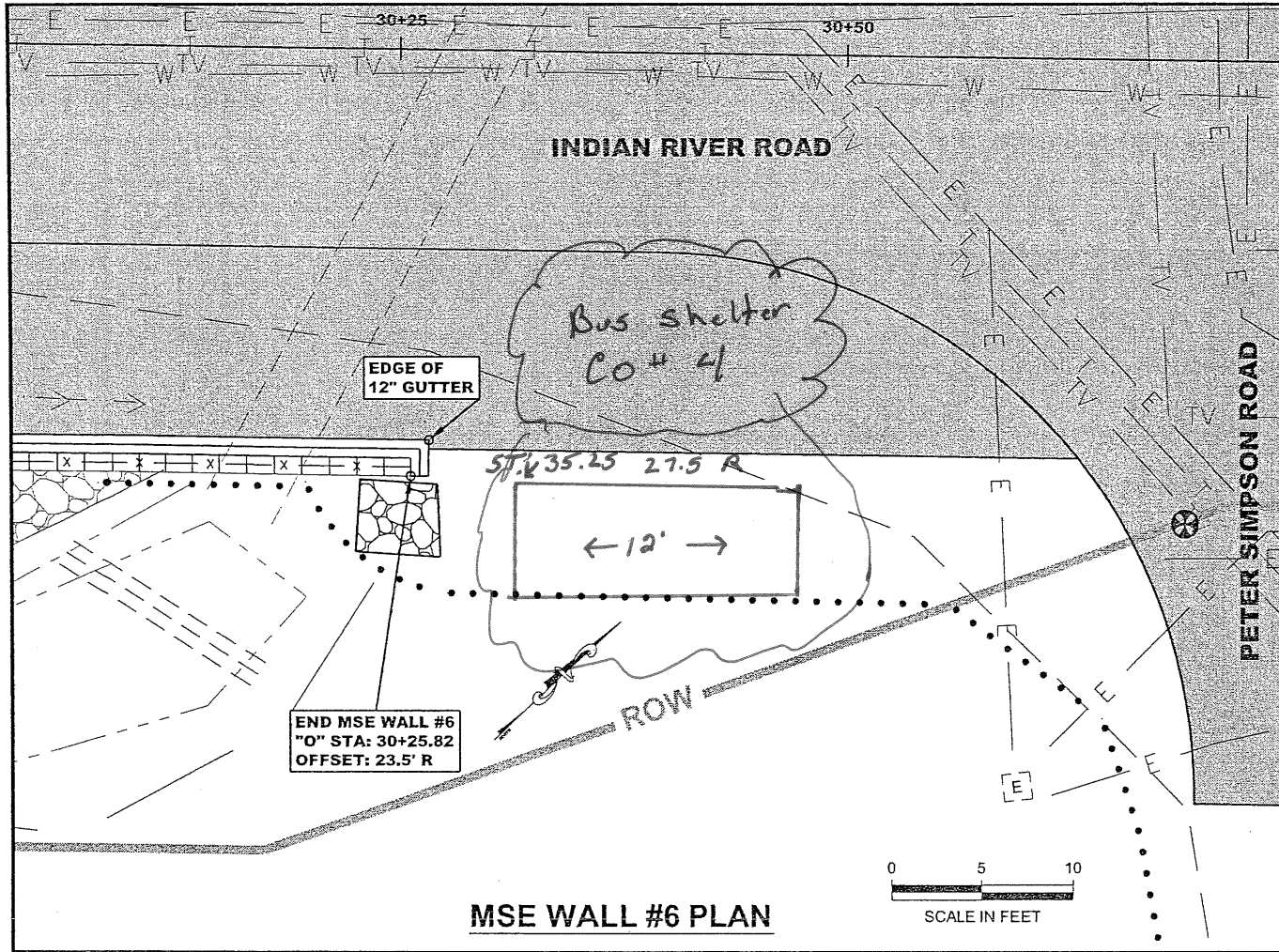


DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733**

**RETAINING WALL  
 PLAN & PROFILE**

PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K8	63



**PLAN LEGEND**

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

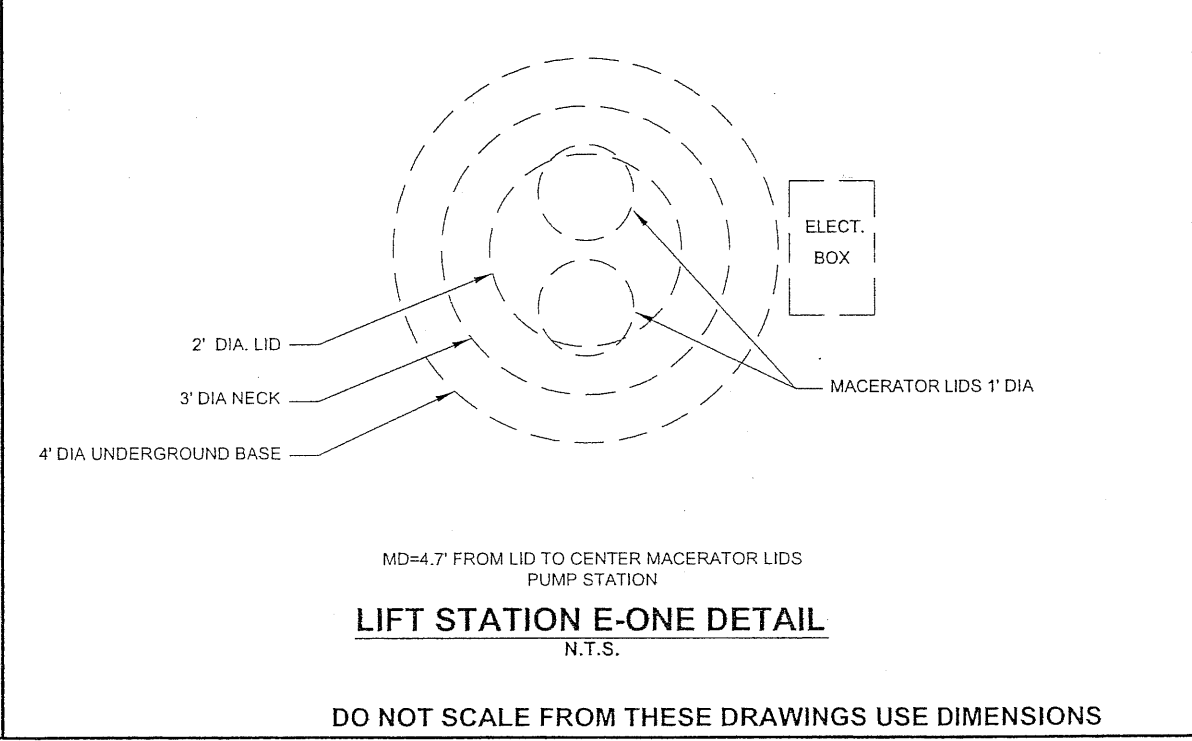
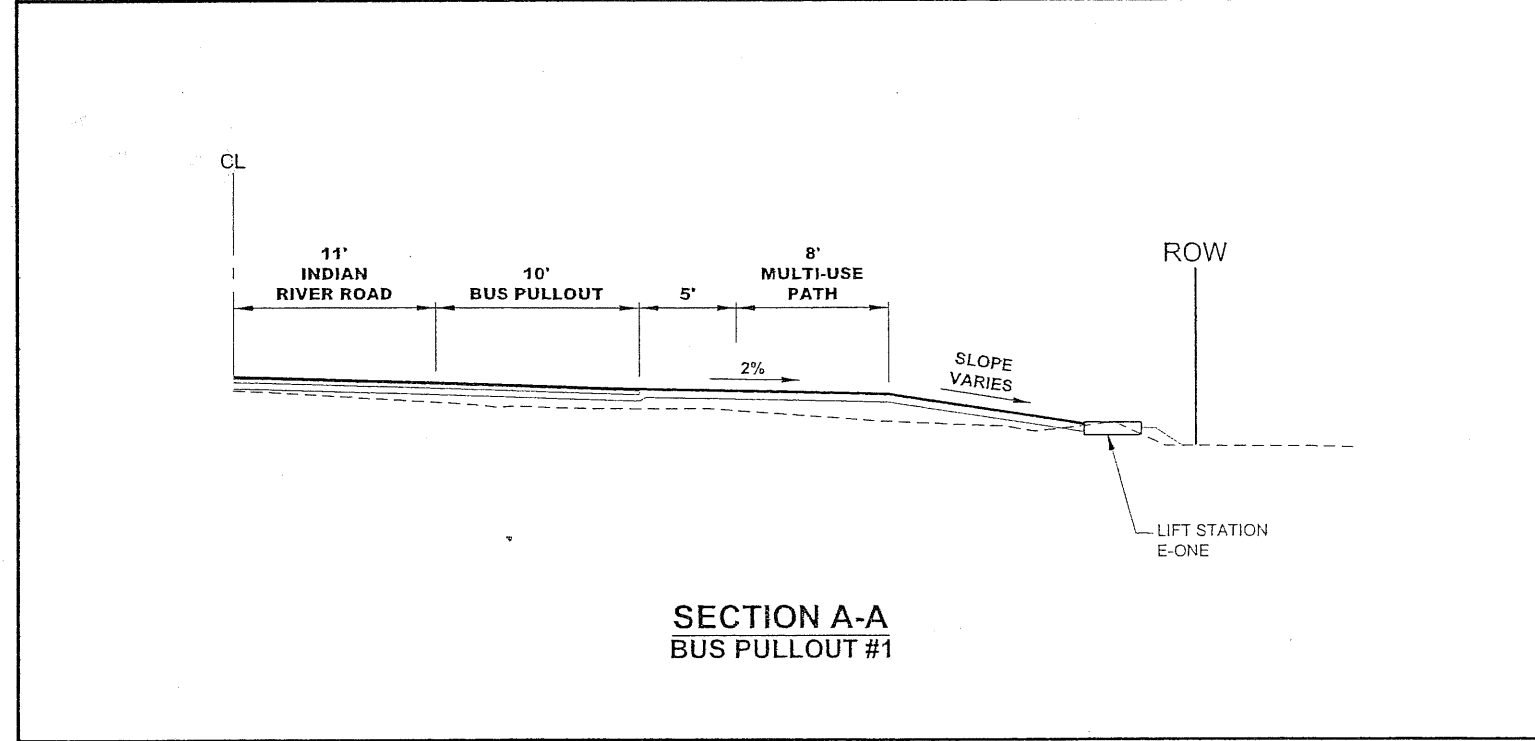
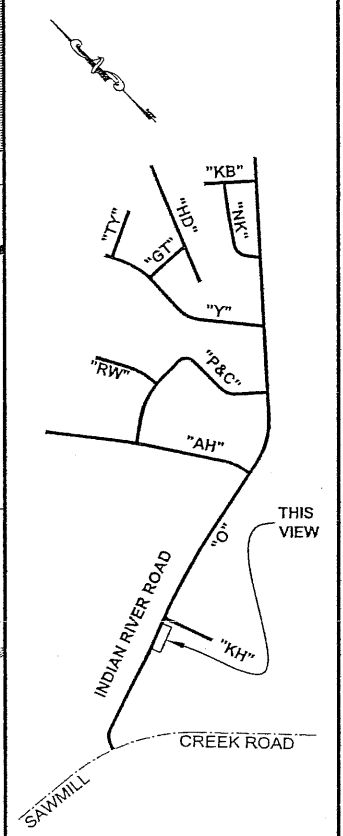
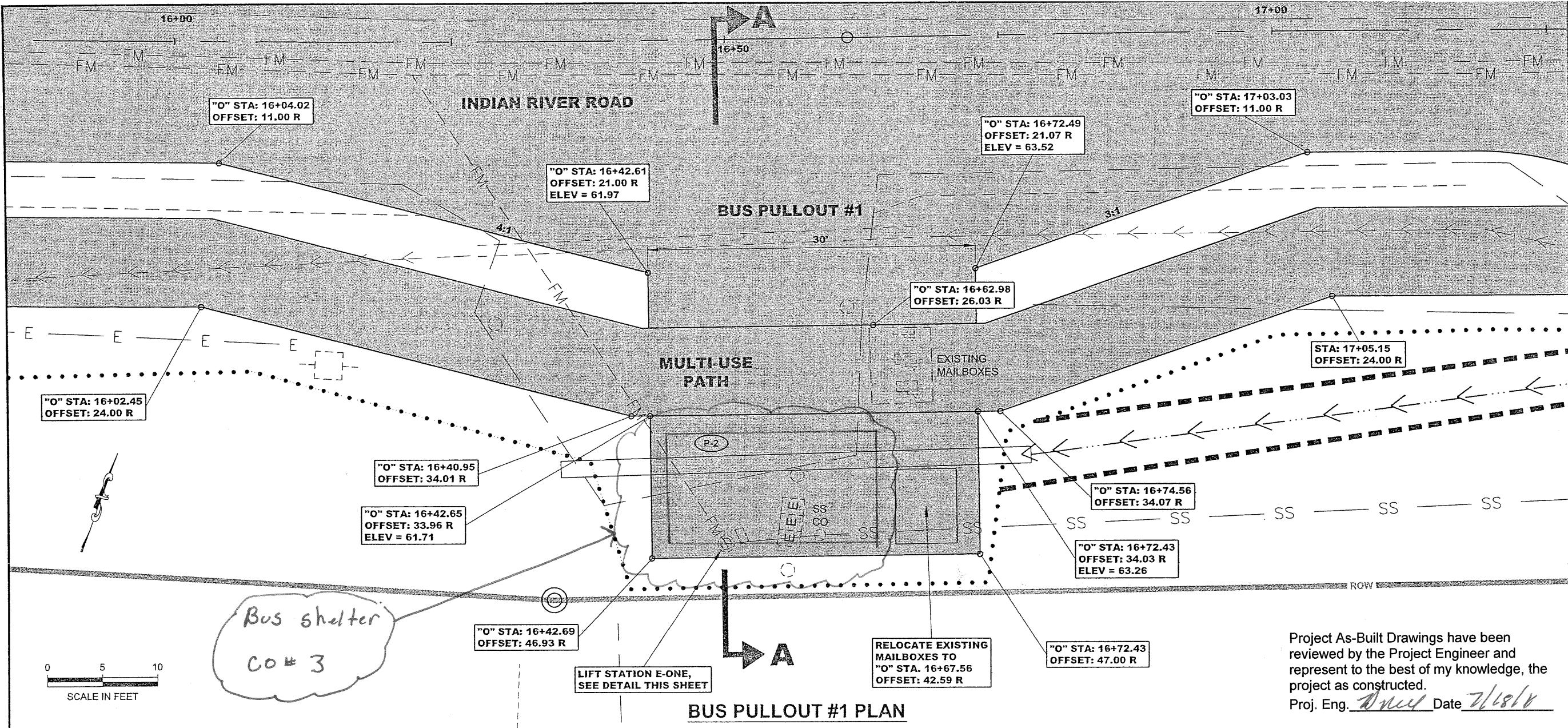
**RETAINING WALL  
 PLAN & PROFILE**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
K9	63

**ROCKERY WALL #7 PROFILE**  
 DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

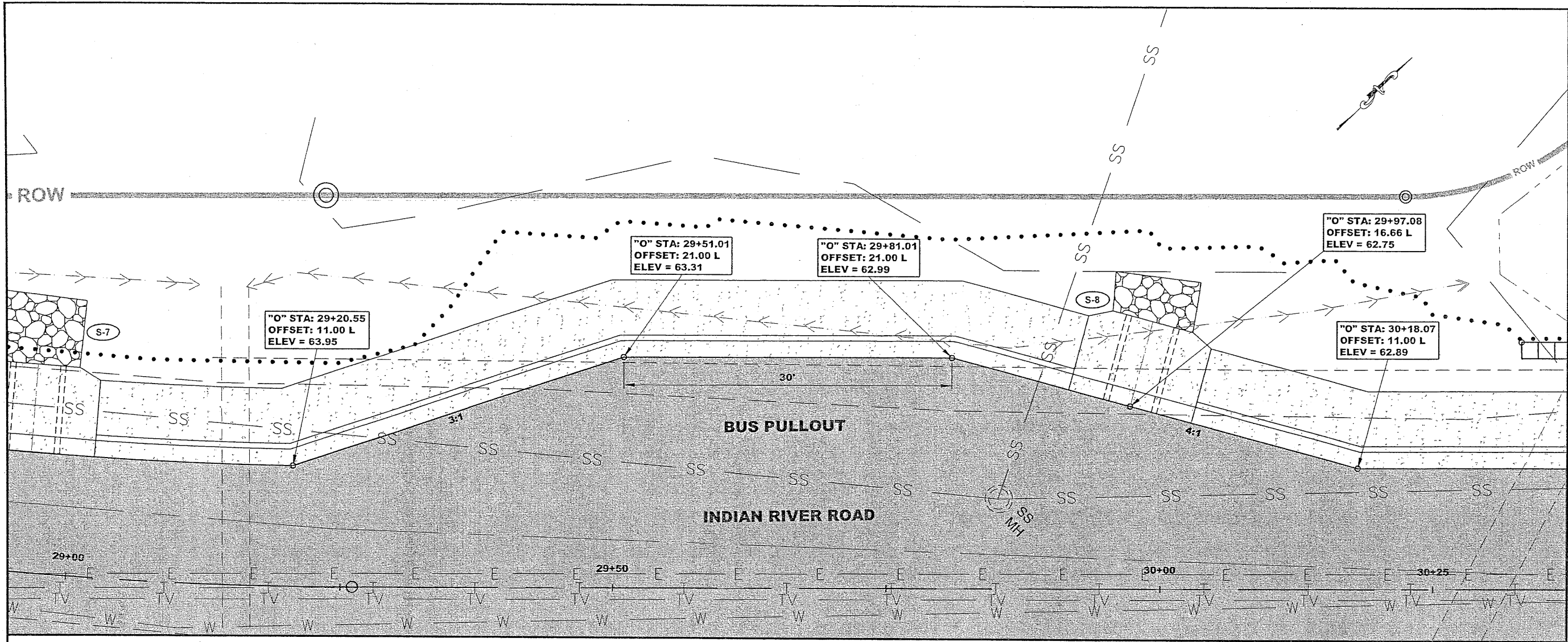
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733**

**BUS PULLOUT PLAN & DETAILS**

PROJECT DESIGNATION  
HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
L1	63

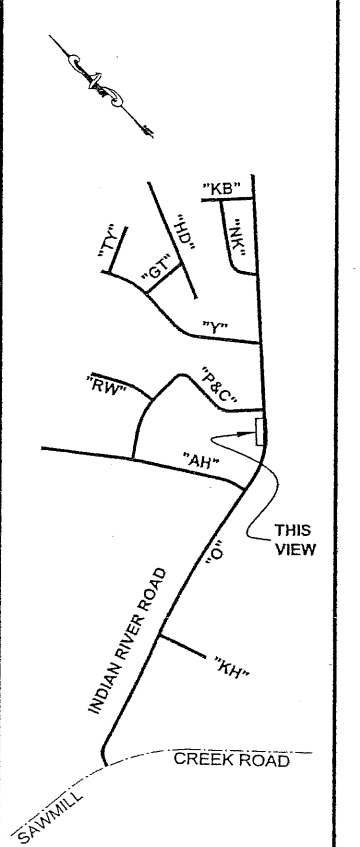


**BUS PULLOUT #2 PLAN**

PATH:Q:\SIT\69208\PLANSET\1-2\_BUS PULLOUT PLAN.DWG

WILSON, BRIAN G (DOT)  
 TAB: L2 Tuesday, November 25, 2008 11:59:  
 ADDENDUM NUMBER  
 ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. Shull Date 7/18/14

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**BUS PULLOUT PLAN & DETAILS**

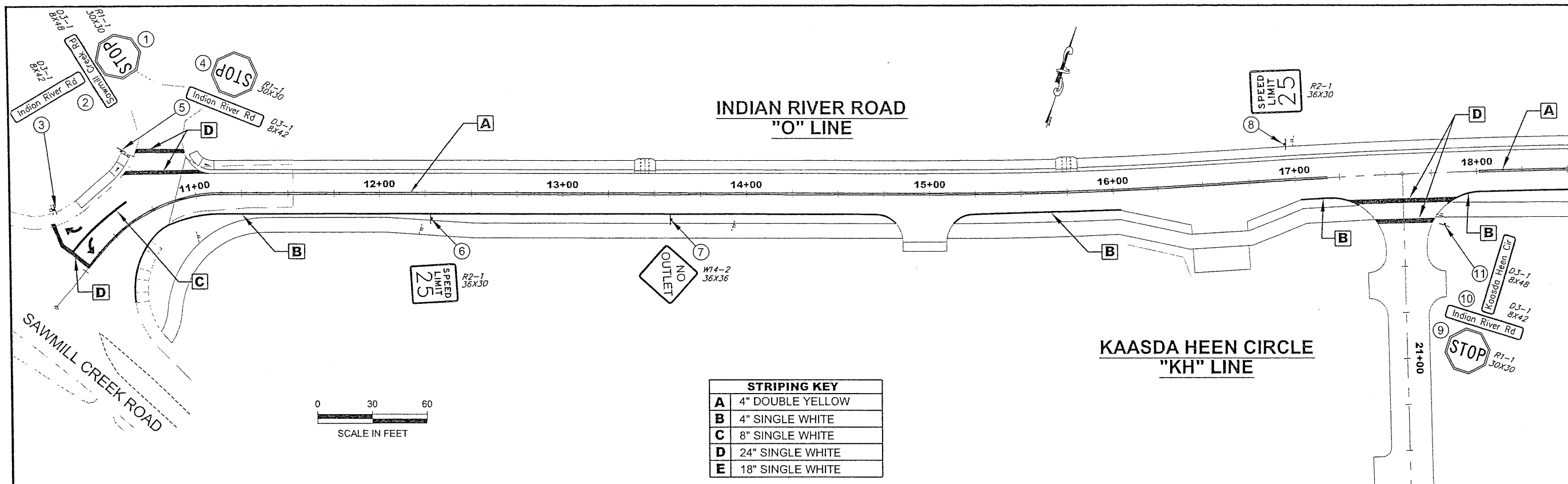
PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008

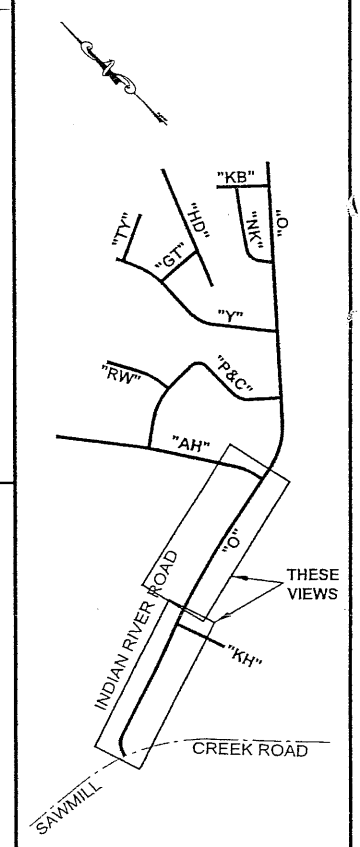
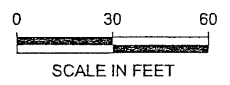
SHEET NUMBER	TOTAL SHEETS
L2	63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

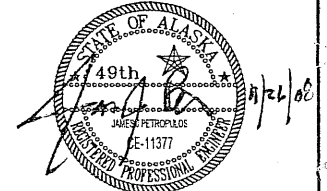


STRIPING KEY	
A	4" DOUBLE YELLOW
B	4" SINGLE WHITE
C	8" SINGLE WHITE
D	24" SINGLE WHITE
E	18" SINGLE WHITE



**PLAN LEGEND**

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. FAGNANT  
 DRAWN BY: R. SNYDER

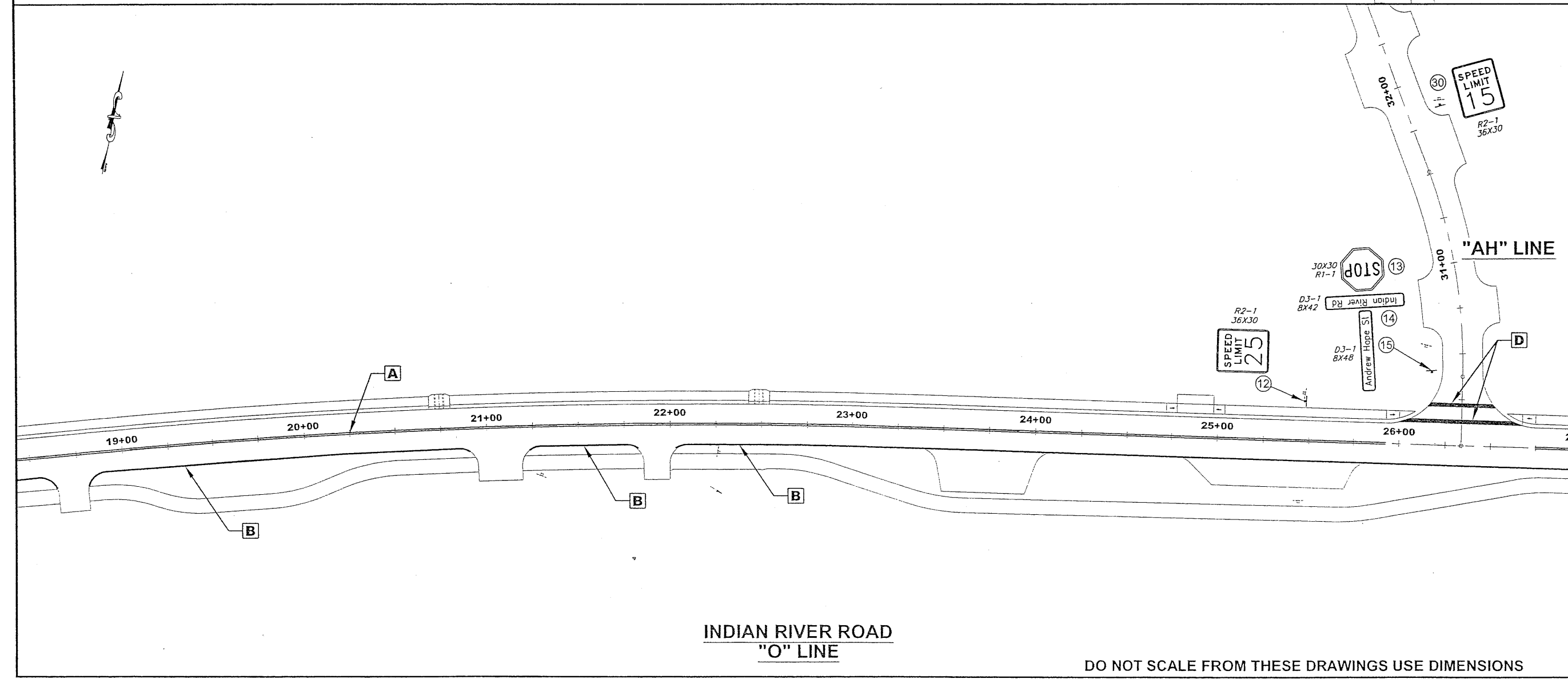
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**SIGNING &  
 STRIPING PLAN**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

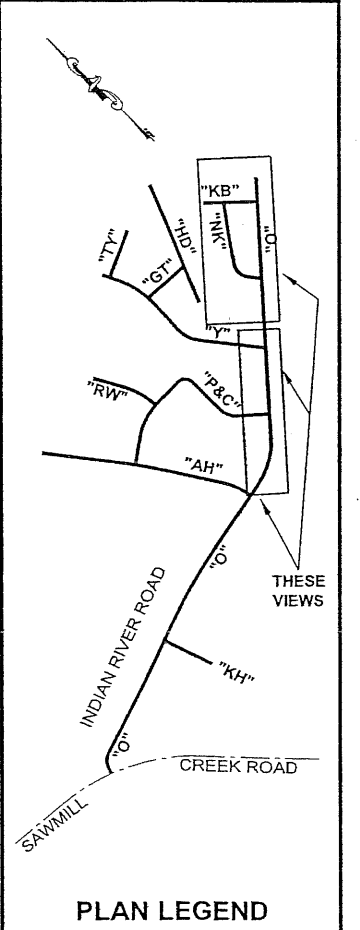
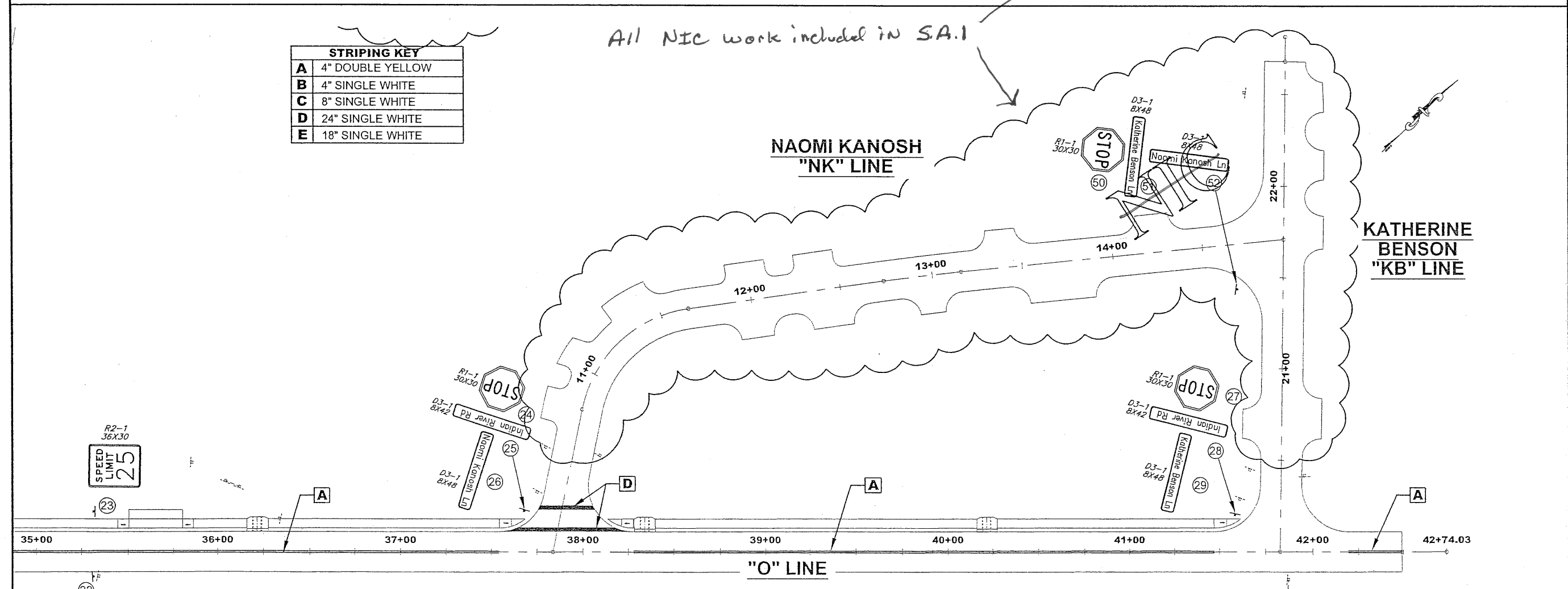
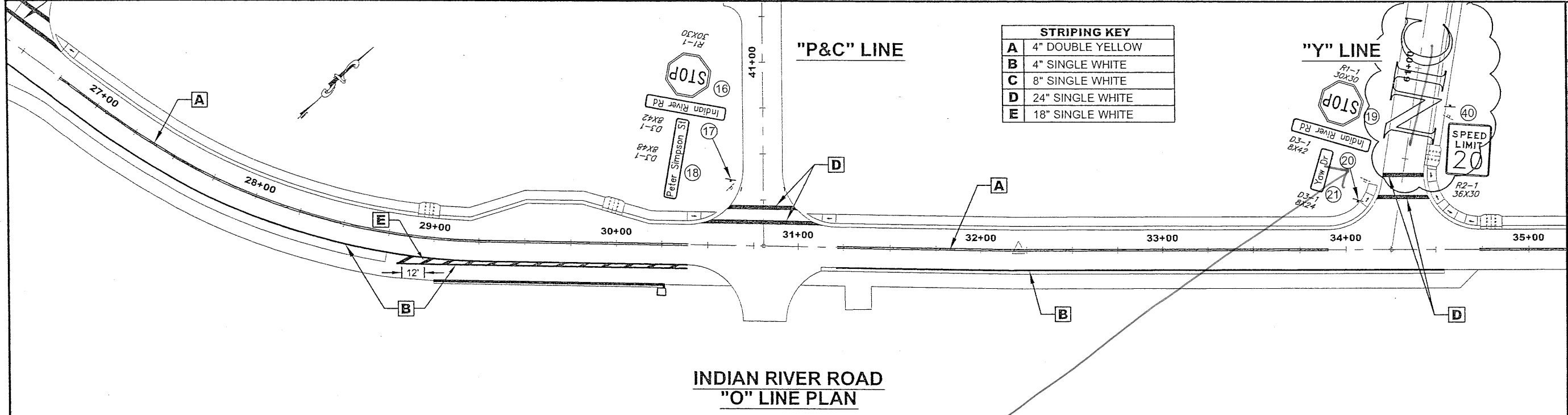
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
P1	63



**INDIAN RIVER ROAD  
 "O" LINE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





DESIGNED BY: D. FAGNANT  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

DESIGNED BY: D. FAGNANT  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

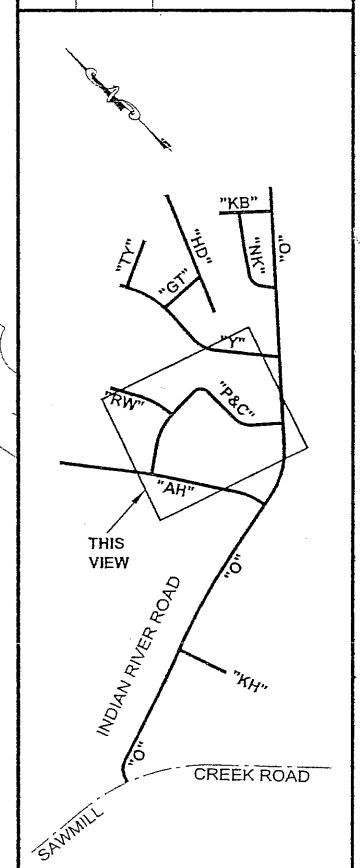
**SIGNING &  
 STRIPING PLAN**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
P2	63

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *new* Date *2/18/14*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



**PLAN LEGEND**

CHECKED BY: C. MOREHOUSE



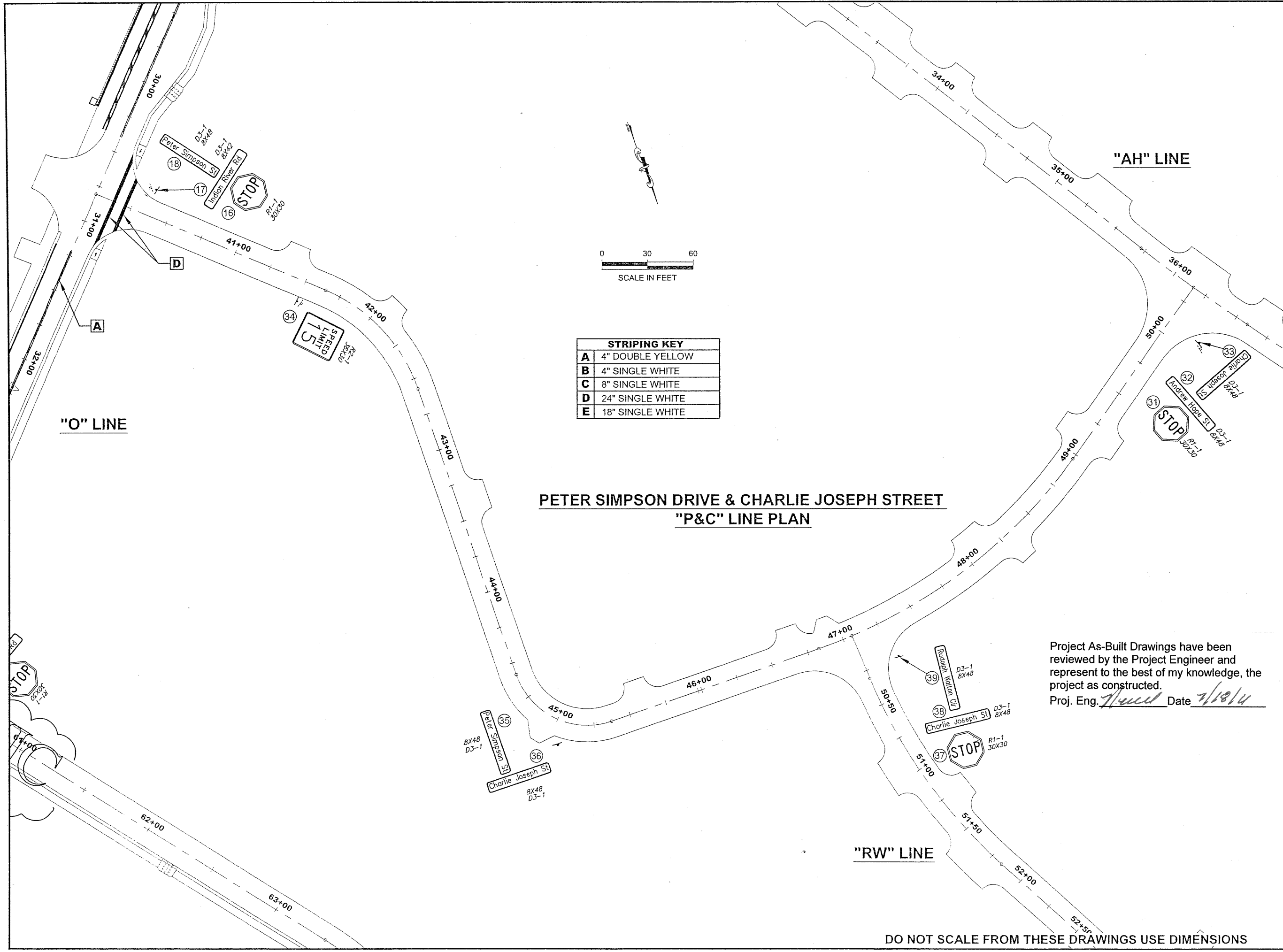
DESIGNED BY: D. FAGNANT  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**SIGNING & STRIPING PLAN**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
P3	63



**STRIPING KEY**

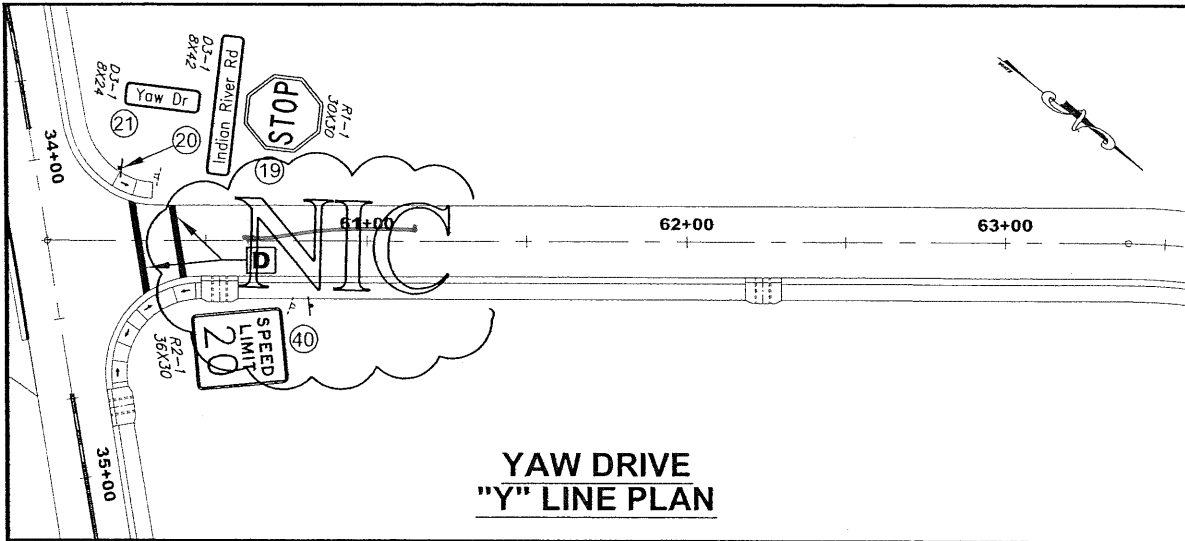
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<b>B</b>	4" SINGLE WHITE
<b>C</b>	8" SINGLE WHITE
<b>D</b>	24" SINGLE WHITE
<b>E</b>	18" SINGLE WHITE

**PETER SIMPSON DRIVE & CHARLIE JOSEPH STREET  
 "P&C" LINE PLAN**

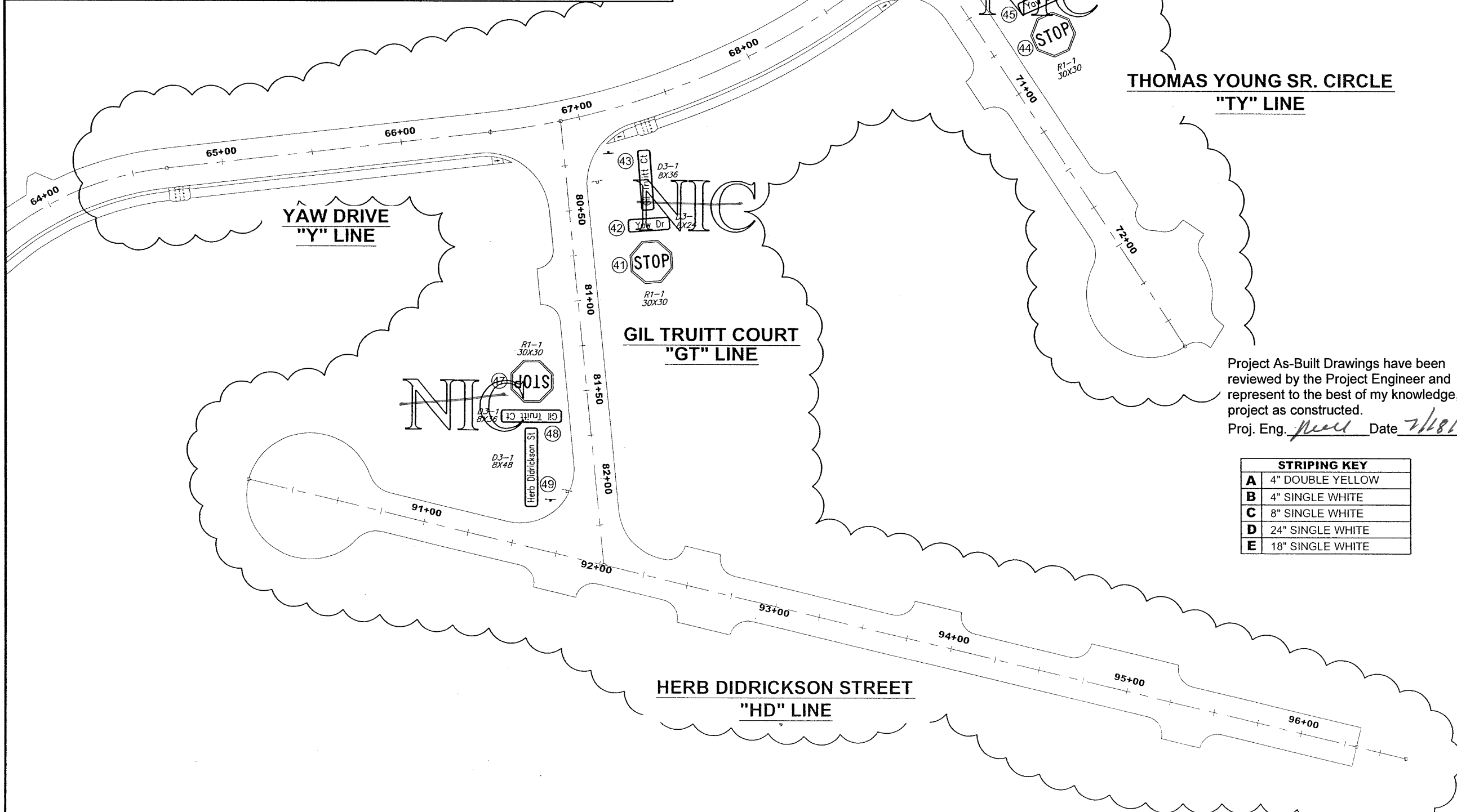
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *J. Wilson* Date *11/18/08*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

All work included in S.A. #1



**YAW DRIVE  
"Y" LINE PLAN**



**THOMAS YOUNG SR. CIRCLE  
"TY" LINE**

**YAW DRIVE  
"Y" LINE**

**GIL TRUITT COURT  
"GT" LINE**

**HERB DIDRICKSON STREET  
"HD" LINE**

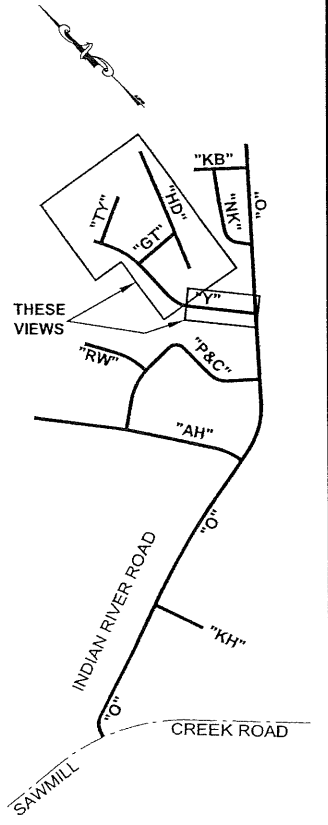
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *7/18/10*

STRIPING KEY	
<b>A</b>	4" DOUBLE YELLOW
<b>B</b>	4" SINGLE WHITE
<b>C</b>	8" SINGLE WHITE
<b>D</b>	24" SINGLE WHITE
<b>E</b>	18" SINGLE WHITE

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WILSON, BRIAN G (DOT)  
 TAB: P4 Wednesday, November 26, 2008 10:  
 ADDENDUM NUMBER  
 ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. MOREHOUSE

DESIGNED BY: D. FAGNANT  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**SIGNING &  
STRIPING PLAN**

PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
P4	63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS


615(1)a STANDARD SIGN - BASIC BID A								
NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	DIM (HxW)	AREA (SF)	POST	REMARKS
INDIAN RIVER ROAD								
1	10+41	LT	STOP	R1-1	30X30	6.25	2.5 PST	
2	10+41	LT	Sawmill Creek Rd	D3-1	8X48	2.67		Mount Above Sign 1
3	10+41	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 1
4	10+74	LT	STOP	R1-1	30X30	6.25	2.5 PST	
5	10+74	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 4
6	12+29	RT	SPEED LIMIT 25	R2-1	36X30	7.5	2.5 PST	
7	13+60	RT	NO OUTLET	W14-2	36X36	9	2.5 PST	
8	16+95	LT	SPEED LIMIT 25	R2-1	36X30	7.5	2.5 PST	
9	17+81	RT	STOP	R1-1	30X30	6.25	2.5 PST	
10	17+81	RT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 9
11	17+81	RT	Kaasda Heen Cir	D3-1	8X48	2.67		Mount Above Sign 9
12	25+47	LT	SPEED LIMIT 25	R2-1	36X30	7.5	2.5 PST	
13	26+16	LT	STOP	R1-1	30X30	6.25	2.5 PST	
14	26+16	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 13
15	26+16	LT	Andrew Hope St	D3-1	8X48	2.67		Mount Above Sign 13
16	30+63	LT	STOP	R1-1	30X30	6.25	2.5 PST	
17	30+63	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 16
18	30+63	LT	Peter Simpson St	D3-1	8X48	2.67		Mount Above Sign 16
19	34+08	LT	STOP	R1-1	30X30	6.25	2.5 PST	
20	34+08	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 19
21	34+08	LT	Yaw Dr	D3-1	8X24	1.33		Mount Above Sign 19
22	35+32	RT	SPEED LIMIT 20	R2-1	36X30	7.5	2.5 PST	
23	35+32	LT	SPEED LIMIT 25	R2-1	36X30	7.5	2.5 PST	
24	37+69	LT	STOP	R1-1	30X30	6.25	2.5 PST	
25	37+69	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 24
26	37+69	LT	Naomi Kanosh Ln	D3-1	8X48	2.67		Mount Above Sign 24
27	41+60	LT	STOP	R1-1	30X30	6.25	2.5 PST	
28	41+60	LT	Indian River Rd	D3-1	8X42	2.33		Mount Above Sign 27
29	41+60	LT	Katherine Benson Ln	D3-1	8X48	2.67		Mount Above Sign 27. Use Font Series B.
615(1)b STANDARD SIGN - BASIC BID B								
ANDREW HOPE STREET								
30	31+83	RT	SPEED LIMIT 15	R2-1	36X30	7.5	2.5 PST	
31	36+40	RT	STOP	R1-1	30X30	6.25	2.5 PST	
32	36+40	RT	Andrew Hope St	D3-1	8X48	2.67		Mount Above Sign 31
33	36+40	RT	Charlie Joseph St	D3-1	8X48	2.67		Mount Above Sign 31
PETER SIMPSON & CHARLIE JOSEPH								
34	41+51	RT	SPEED LIMIT 15	R2-1	36X30	7.5	2.5 PST	
35	45+07	RT	Peter Simpson St	D3-1	8X48	2.67	2.5 PST	
36	45+07	RT	Charlie Joseph St	D3-1	8X48	2.67		Mount Above Sign 35
615(1)b2 STANDARD SIGN - ADDITIVE ALTERNATE B2								
37	47+30	RT	STOP	R1-1	30X30	6.25	2.5 PST	
38	47+30	RT	Charlie Joseph St	D3-1	8X48	2.67		Mount Above Sign 37
39	47+30	RT	Rudolph Walton Cir	D3-1	8X48	2.67		Mount Above Sign 37
TOTAL AREA BASIC BID A : 133 SQ. FT.								
TOTAL AREA BASIC BID B : 32 SQ. FT.								
TOTAL AREA ADDITIVE ALTERNATE B2: 11.5 SQ. FT.								

**NOTES:**

1. ALL D3-1 SIGNS SHALL BE FONT SERIES C UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE ONLY AND SUBJECT TO MINOR REVISIONS BY THE ENGINEER.
3. THE SALVAGE AND DISPOSAL OF EXISTING SIGNS SHALL BE CONSIDERED SUBSIDIARY TO ITEM 615(1) AND NO ADDITIONAL PAYMENT SHALL BE MADE.
4. FABRICATE ALL SIGNS FROM 0.125" THICK ALLUMINUM SHEETING.
5. THE POST FOUNDATION IS DETAILED IN STANDARD DRAWING S-30.03, USING SOIL EMBEDMENT FOUNDATION.

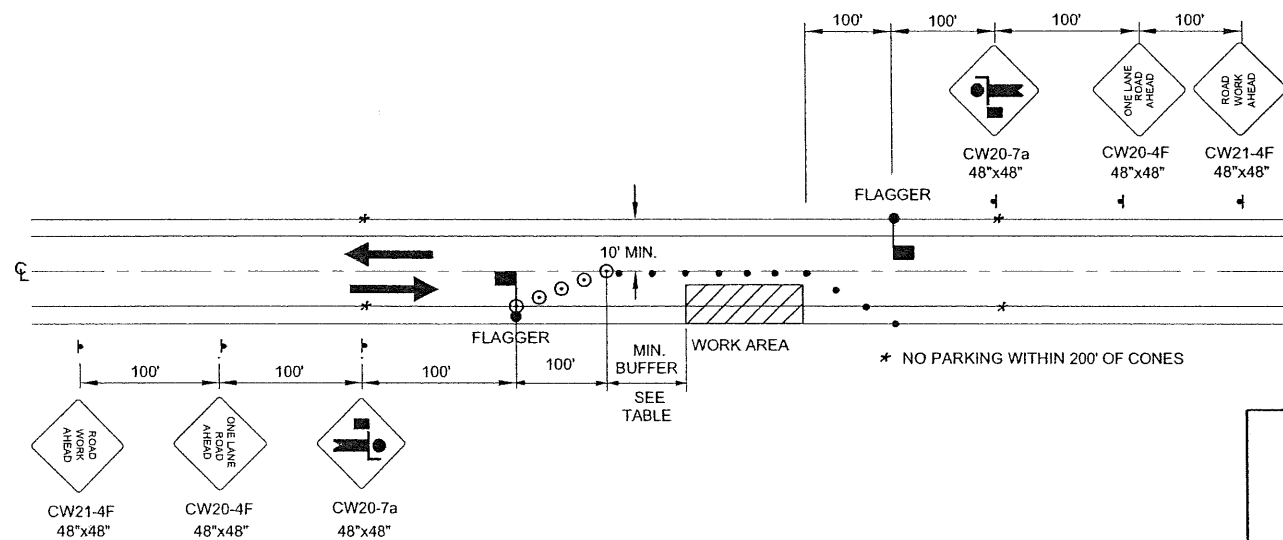
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. Paul Date 2/1/07

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

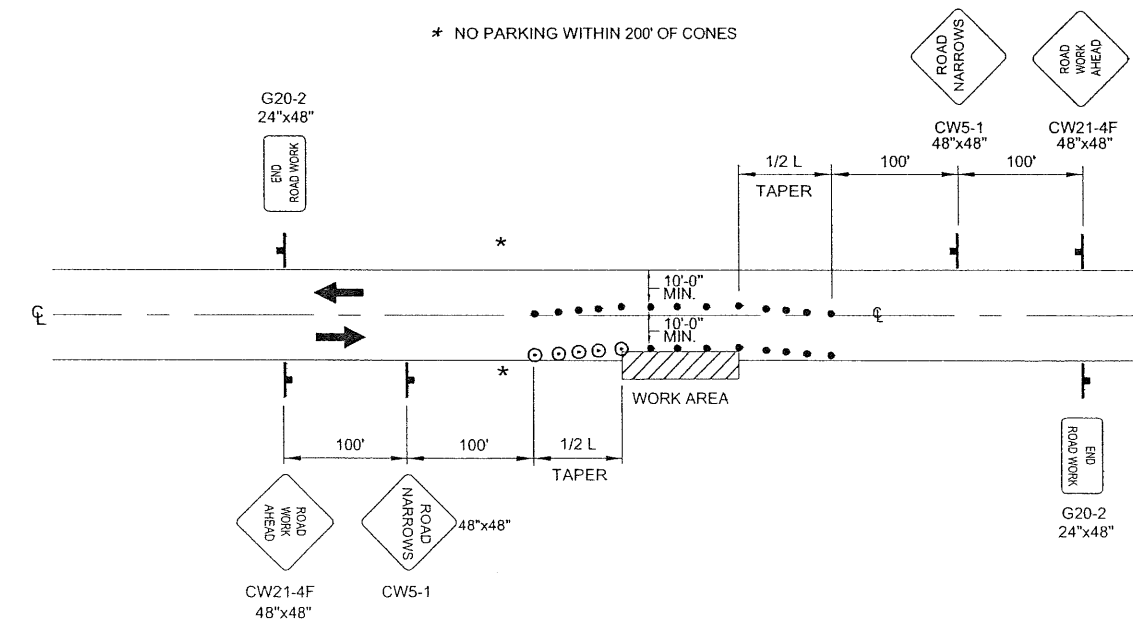
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		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
		<b>SIGN SUMMARY</b>	
DESIGNED BY: D. FAGNANT		PROJECT DESIGNATION	
DRAWN BY: D. FAGNANT		HPRM-0933(34) ~ 69208	
PATH: Q:\SIT\69208\PLANS\ETNOV.08 BID\PS_UPDATED NOV 08 BID.DWG		YEAR	SHEET NO.
TAB: P5 Wednesday, November 26, 2008 10:27:48 AM CAVANISZEK		2008	P5
REVISIONS		TOTAL SHEETS	
NO.	DATE	DESCRIPTION	63

## TRAFFIC CONTROL NOTES

1. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATIONS NOT COVERED BY THIS TCP SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
2. ALL TRAFFIC CONTROL PLANS SUBMITTED BY THE CONTRACTOR SHALL BE NUMBERED. ALL TRAFFIC CONTROL PLANS THAT USE A TYPICAL APPLICATION AS DESCRIBED IN THE MUTCD SHALL REFERENCE THE TYPICAL APPLICATION. EXAMPLE: TCP 3, MUTCD TA-10.
3. ORANGE CONSTRUCTION SIGNS SHALL USE TYPE VIII OR IX FLOURESCENT SHEETING AS DETAILED IN SECTION 615-2.01.
4. TRAFFIC LANES SHALL BE A MINIMUM OF 10' WIDE.
5. THE CONTRACTOR MAY CLOSE A ROADWAY ENTIRELY FOR UP TO 8 HOURS WITH THE FOLLOWING CONDITIONS: A 48 HOUR NOTICE MUST BE PROVIDED TO ALL AFFECTED RESIDENTS. INDIAN RIVER ROAD MAY NOT BE CLOSED, EXCEPT BETWEEN THE HOURS OF 9 PM AND 6 AM. ALTERNATE ACCESS SHALL BE MAINTAINED TO NEIGHBORHOOD STREETS WHEN POSSIBLE.
6. DELAYS SHALL NOT BE LONGER THAN 10 MINUTES, UNLESS THE ROADWAY IS CLOSED.



**TWO LANE ROAD - SINGLE LANE CLOSURE**  
DOUBLE FLAGGER



**ROADWAY ENCROACHMENT**

**NOTE:**  
IF ONLY ONE LANE IS AFFECTED BY ROAD WORK (THAT IS, THE CONES ALONG THE WORK AREA ARE NO CLOSER THAN 10' TO CENTERLINE) THE CENTERLINE CONES FOR THE OPPOSING LANE SHALL BE DELETED.

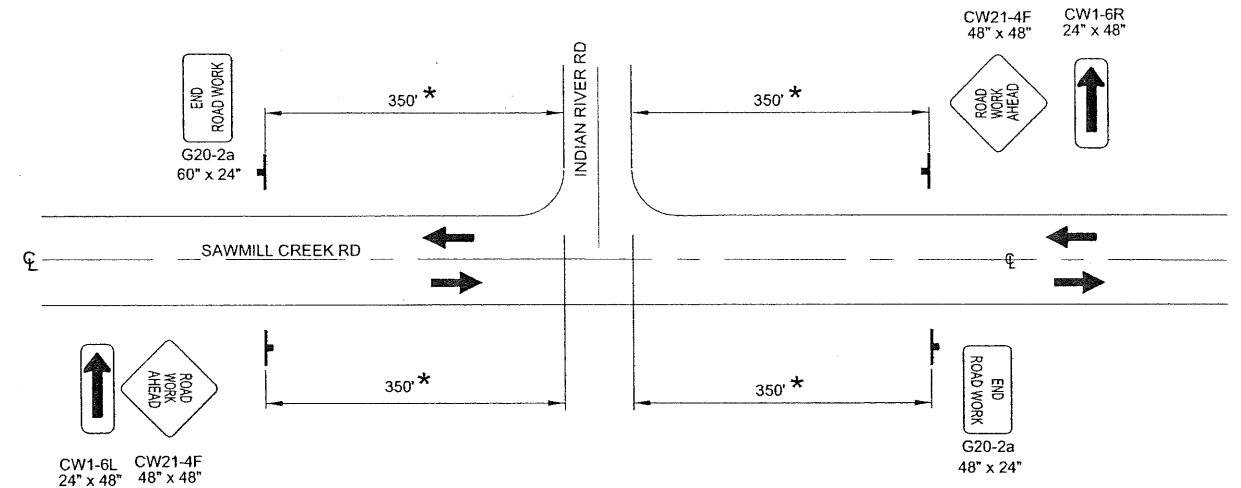
**LEGEND**

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE

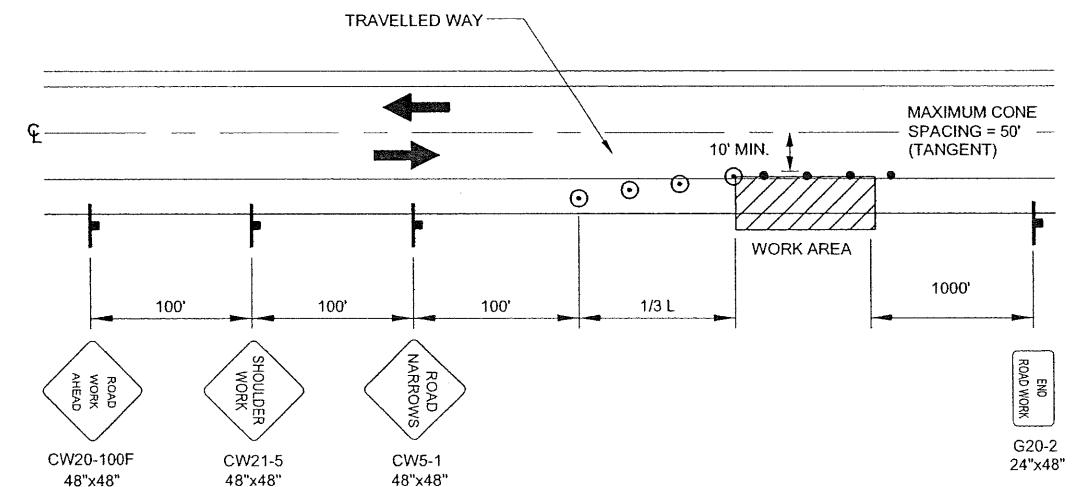
L = WS (45 MPH OR >)  
 $L = \frac{WS}{60}$  (40 MPH OR <)

WHERE:  
 L = LENGTH OF TAPER (FT)  
 W = WIDTH OF OFFSET (FT)  
 S = SPEED (MPH)

TCP TABLE SETUP		
SPEED (MILES PER HOUR)	BUFFER/LENGTH (ft)	CONES/DRUM SPACING ON TAPER (ft)
25	155	25
30	200	30




\* AS DIRECTED BY THE ENGINEER  
**PERMANENT CONSTRUCTION SIGNING**

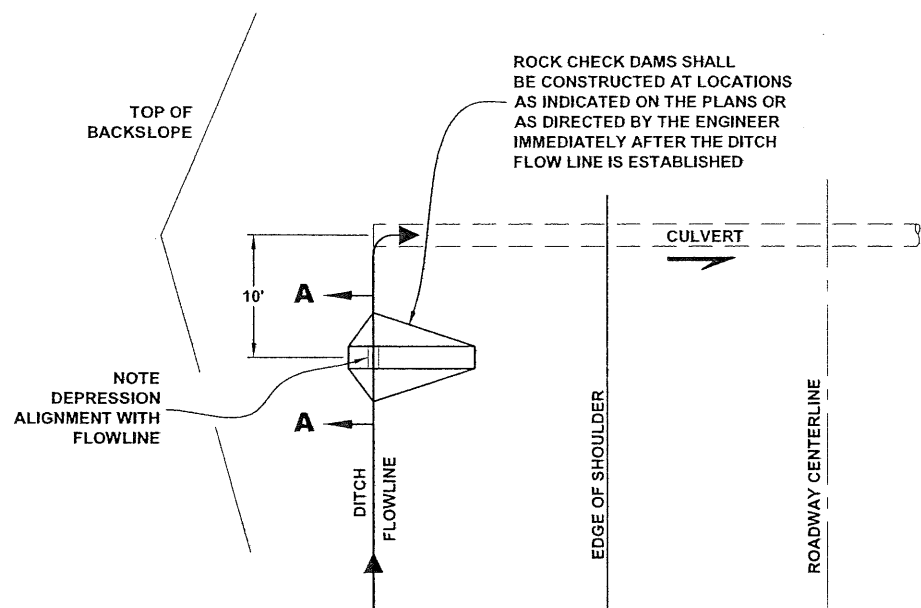


**SHOULDER WORK**

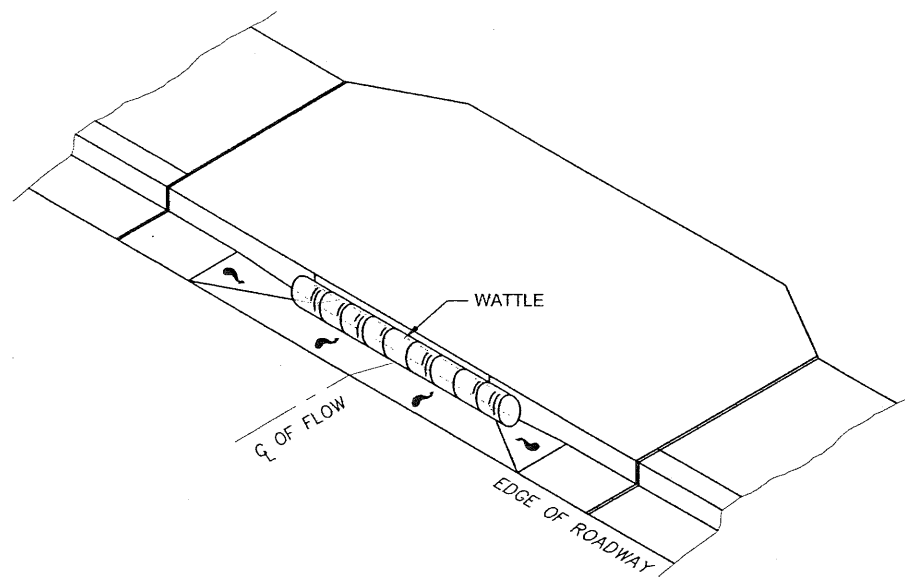
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. MOREHOUSE 	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID</b> PROJECT # 69208 & 67733  <b>TRAFFIC CONTROL PLAN</b>												
DESIGNED BY: D. FAGNANT DRAWN BY: D.F. / R.S. PATH: Q:\SIT\69208\PLANS\SET51_TCP.DWG TAB: S1      Wednesday, November 26, 2008 10:29:10 AM      CAIVANISZEK	PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> </thead> <tbody> <tr> <td>2008</td> <td><b>S1</b></td> <td>63</td> </tr> </tbody> </table>	YEAR	SHEET NO.	TOTAL SHEETS	2008	<b>S1</b>	63
NO.	DATE	DESCRIPTION											
YEAR	SHEET NO.	TOTAL SHEETS											
2008	<b>S1</b>	63											

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *2/18/14*



**PLAN**

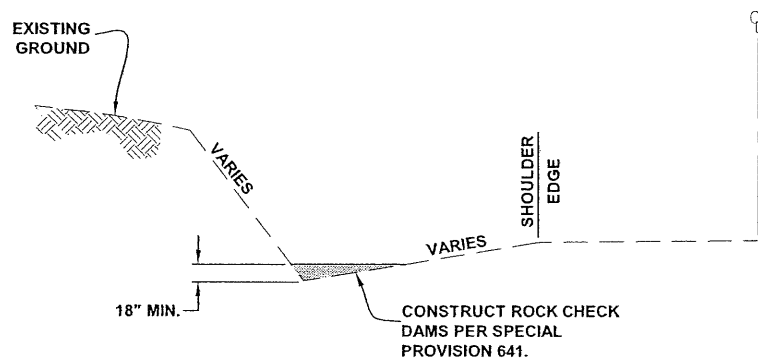


**SCUPPER INLET PROTECTION**

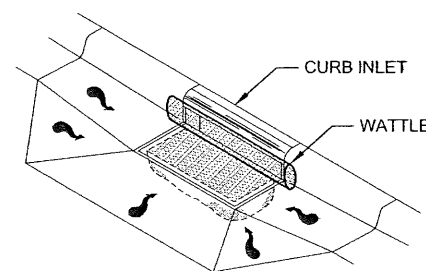
633(1)a SILT FENCE - BASIC BID A					
FROM		TO		LENGTH	REMARKS
STATION	OFFSET	STATION	OFFSET		
11+08	23.50 LT	13+34	25.50 LT	227	
11+52	27 RT	14+73	33.50 RT	321	
15+21.50	37 RT	16+09	33.5 RT	89	
20+78	30 LT	22+18	30 LT	141	
22+06	32 RT	22+09	47 RT	15	
22+35	30 LT	24+01	23 LT	167	
22+34	27 RT	23+39	48.5 RT	107	
26+20.5	38.5 RT	30+63	65.5 RT	510	
32+60	23 LT	33+87	25 LT	127	
TOTAL =				1704	

641(9)a ROCK CHECK DAM - BASIC BID A		
STATION	OFFSET	REMARKS
INDIAN RIVER ROAD		
12+53	29 LT	
12+77	29 LT	
21+77	31 RT	
22+18	30 LT	
22+27	29 LT	
29+02	27 LT	
31+72	21 LT	

641(9)b ROCK CHECK DAM - BASIC BID B		
PETER SIMPSON & CHARLIE JOSEPH		
40+50	19 LT	



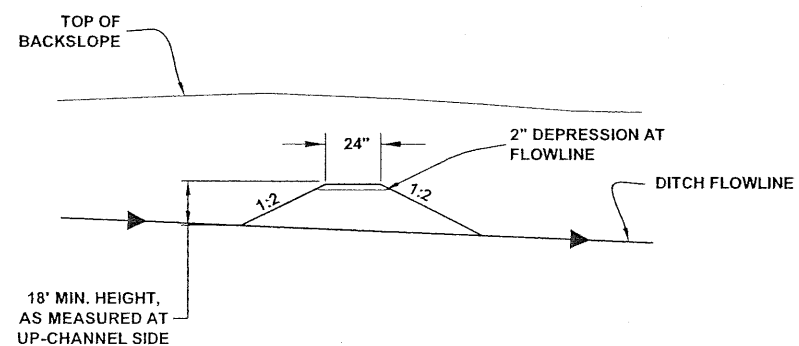
**ELEVATION**



**CURB INLET PROTECTION DETAIL**

1. USE DANDY BAG BY DANDY PRODUCTS, INC OR APPROVED EQUAL.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Howard* Date *11/25/08*



**SECTION A-A**

**TEMPORARY CHECK DAM DETAILS**

**EROSION AND SEDIMENT CONTROL NOTES:**

1. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR THE ENVIRONMENTAL COMMITMENTS, PERMITS, AND EROSION AND SEDIMENT CONTROL PLAN.
2. INSTALL EROSION AND SEDIMENT CONTROL DEVICES FOR EARTH DISTURBING ACTIVITIES.
3. MAINTAIN DEVICES AND MONITOR DAILY. EXCAVATE CHECK DAMS WHEN 4" OR MORE OF SEDIMENT ACCUMULATES.
4. IF INSPECTION REVEALS WATER IS DISCHARGING BEYOND THE PROJECT WORK LIMITS, IMMEDIATELY IMPLEMENT CORRECTIVE ACTION. ADDITIONAL CHECK DAMS MAY BE REQUIRED.
5. STABILIZE DISTURBED GROUND AS SOON AS POSSIBLE. UNSTABILIZED SURFACES MUST BE TEMPORARILY STABILIZED WITH SEEDING OR OTHER EFFECTIVE MEASURES. MAINTAIN EROSION AND SEDIMENT CONTROL UNTIL PROJECT WORK AREAS ARE SEEDED AND HAVE ACHIEVED 70% VEGETATIVE COVER.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANIZEK DRAWN BY: R. SNYDER		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
PATH: Q:\SIT\69208\PLANSET\NOV. 08 BID\T1-6_UPDATED NOV 08 BID.DWG TAB: T1 Tuesday, November 25, 2008 12:39:22 PM CAIVANISZEK		<b>EROSION &amp; SEDIMENT CONTROL DETAILS</b>	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION HPRM-0933(34) ~ 69208 HPRM-0933(35) ~ 67733	YEAR 2008
		SHEET NO. <b>T1</b>	TOTAL SHEETS 63

B.O.P.  
"O" STA. 10+00

INDIAN RIVER ROAD  
"O" LINE

PATH:Q:\SITE\69208\PLANSET\NOV\_08  
BID\T1-6\_UPDATED NOV 08 BID.DWG

WILSON, BRIAN G (DOT)  
Tuesday, November 25, 2008 12:39:

ADDENDUM NUMBER  
ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

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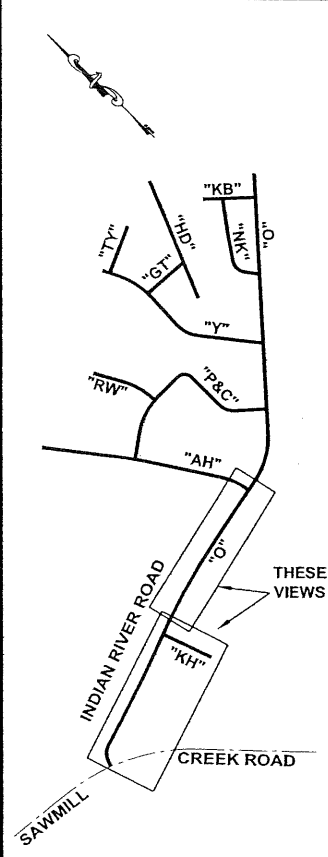
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- PROPOSED DITCH DRAINAGE PATTERN
- INLET PROTECTION
- SILT FENCE
- PROFILE DRAINAGE PATTERN
- SURFACE DRAINAGE PATTERN
- EXISTING CULVERT FLOW DIRECTION
- PROPOSED CULVERT FLOW DIRECTION
- FISH HABITAT
- ROCK CHECK DAM
- WETLANDS
- RIPRAP

SCALE IN FEET  
0 30 60

SAWMILL CREEK R

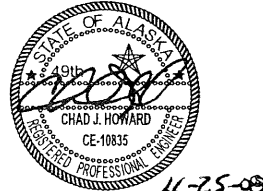
KAASSDA HEEN  
CIRCLE  
"KH" LINE  
(ADDITIVE ALTERNATE "B")

All NICH work  
included in SA.



**PLAN LEGEND**

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK  
DRAWN BY: R. SNYDER

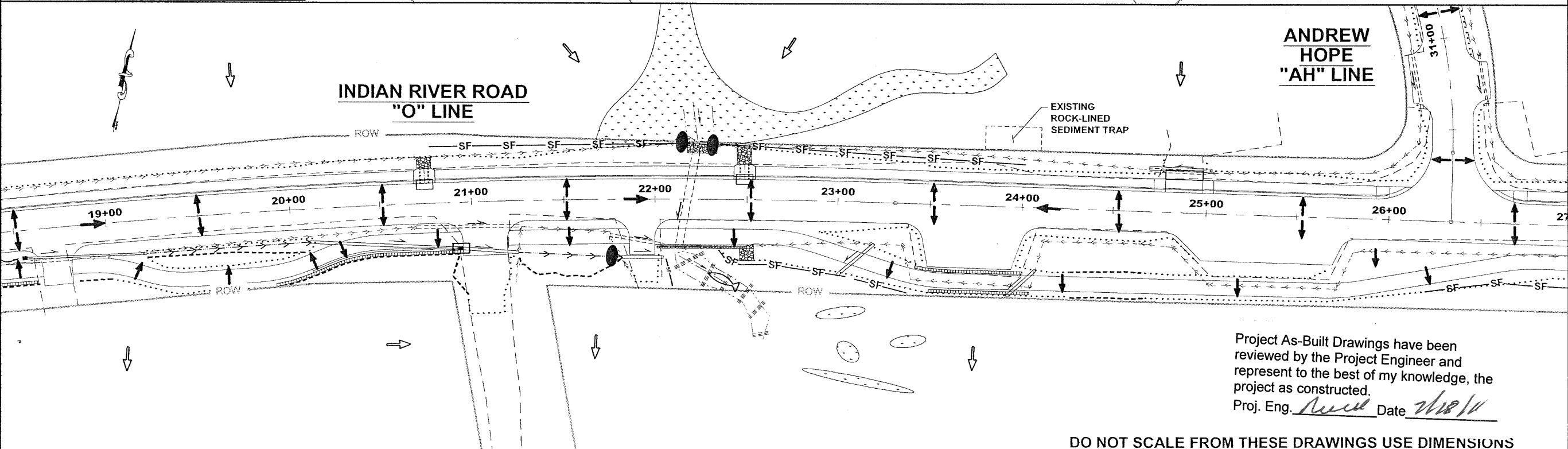
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
IMPROVEMENTS REBID  
PROJECT # 69208 & 67733

**EROSION & SEDIMENT  
CONTROL PLAN**

PROJECT DESIGNATION  
HPRM-0933(34)/HPRL-0933(35)

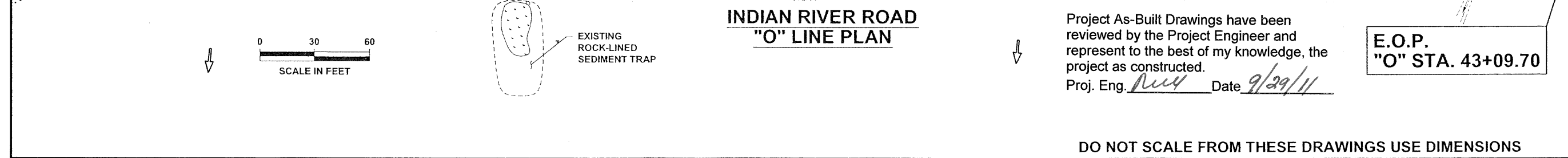
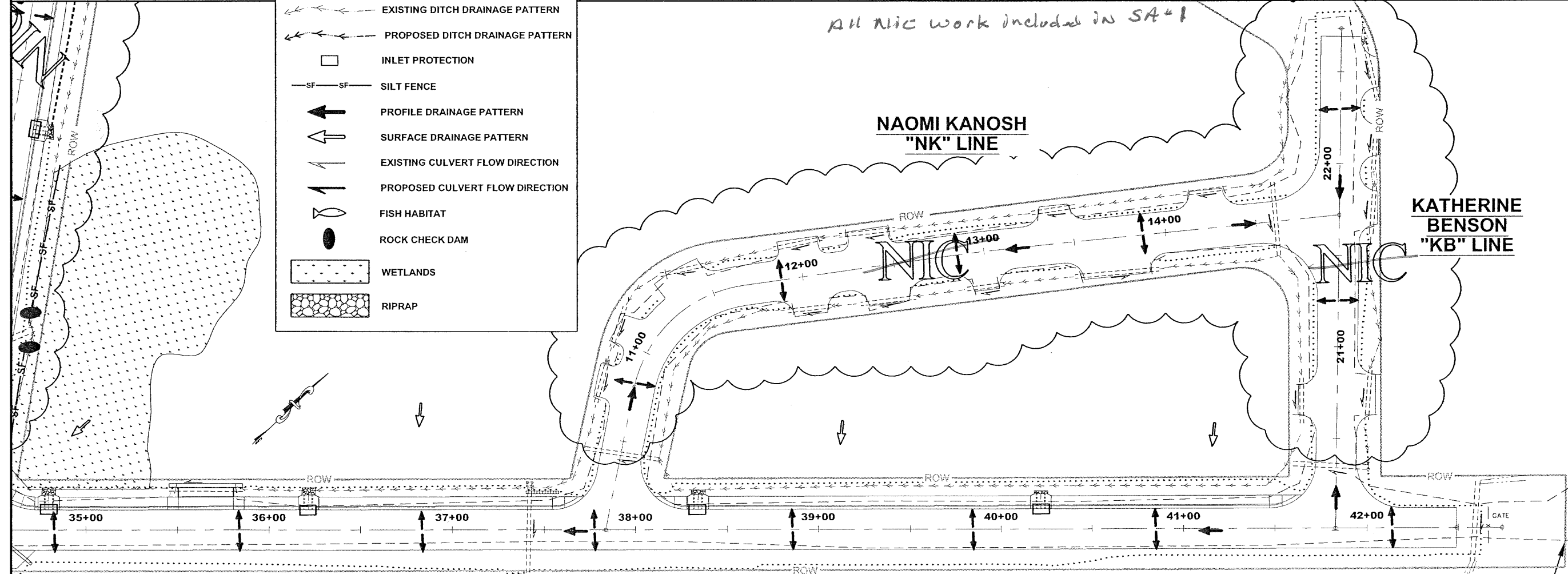
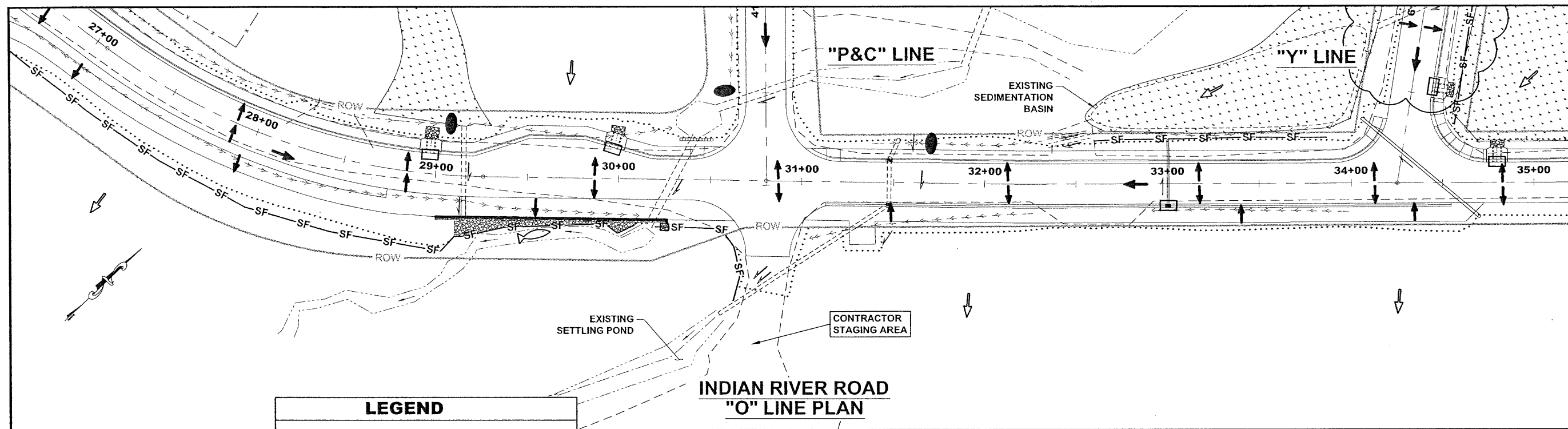
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
T2	63



ANDREW  
HOPE  
"AH" LINE

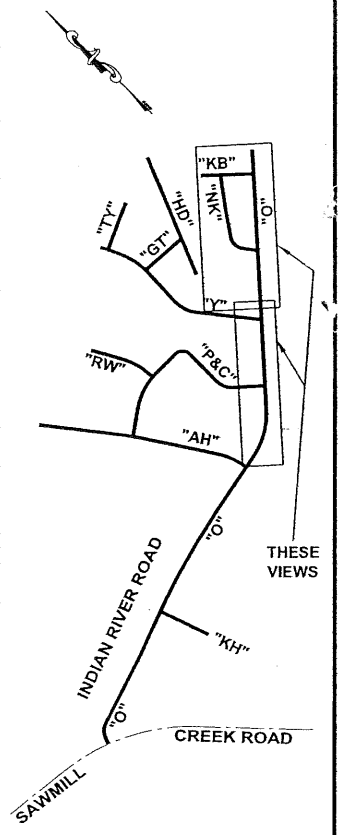
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Neil* Date *2/18/10*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



**LEGEND**

- EXISTING DITCH DRAINAGE PATTERN
- PROPOSED DITCH DRAINAGE PATTERN
- INLET PROTECTION
- SILT FENCE
- PROFILE DRAINAGE PATTERN
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- PROPOSED CULVERT FLOW DIRECTION
- FISH HABITAT
- ROCK CHECK DAM
- WETLANDS
- RIPRAP

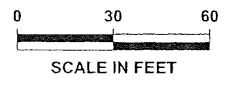
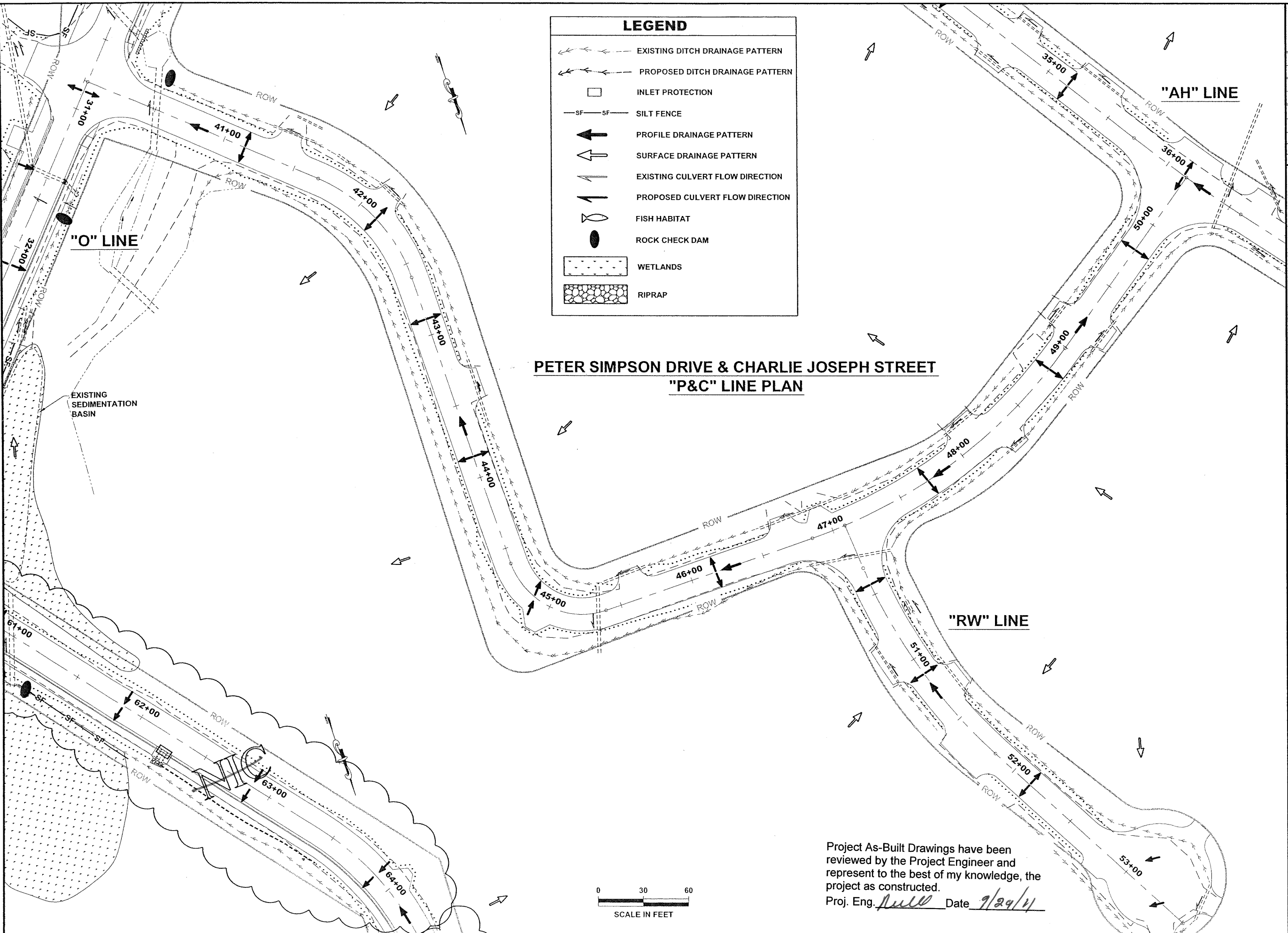




**LEGEND**

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**PETER SIMPSON DRIVE & CHARLIE JOSEPH STREET  
"P&C" LINE PLAN**



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Null* Date *9/29/11*

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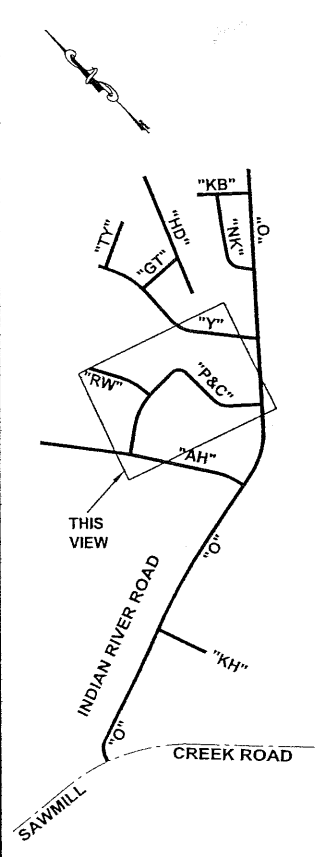
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 TAB: T4 Tuesday, November 25, 2008 12:40:

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

11-25-08

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

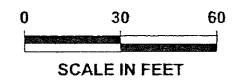
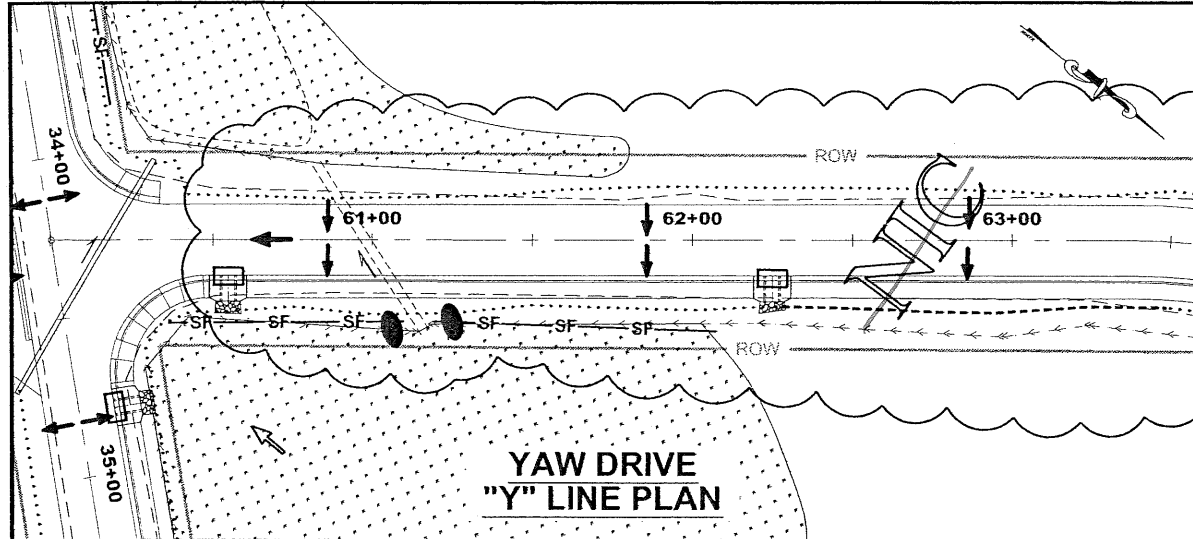
**SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733**

**EROSION & SEDIMENT CONTROL PLAN**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRL-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
T4	63

All NIC Work included in S.A.#1.

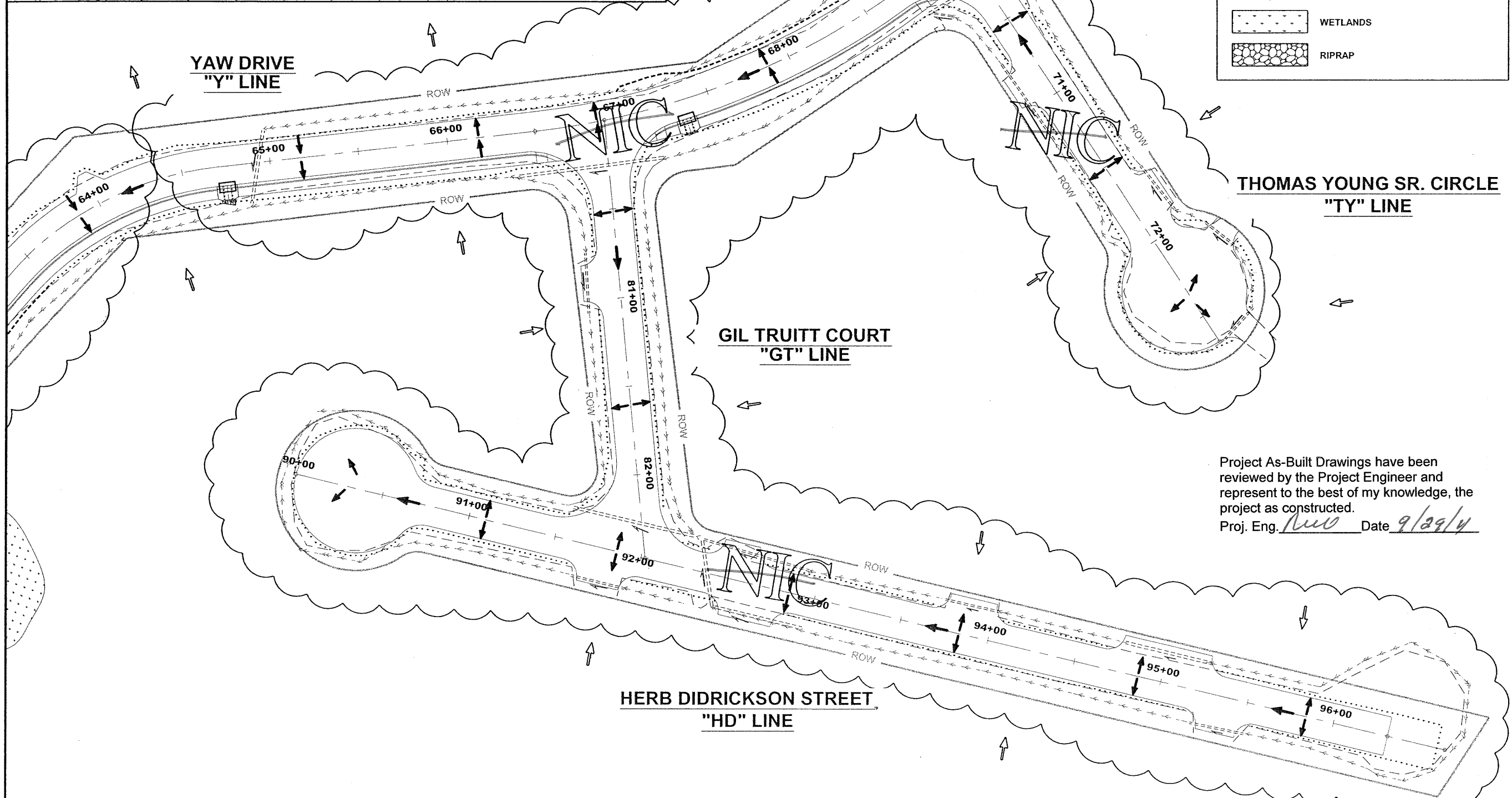
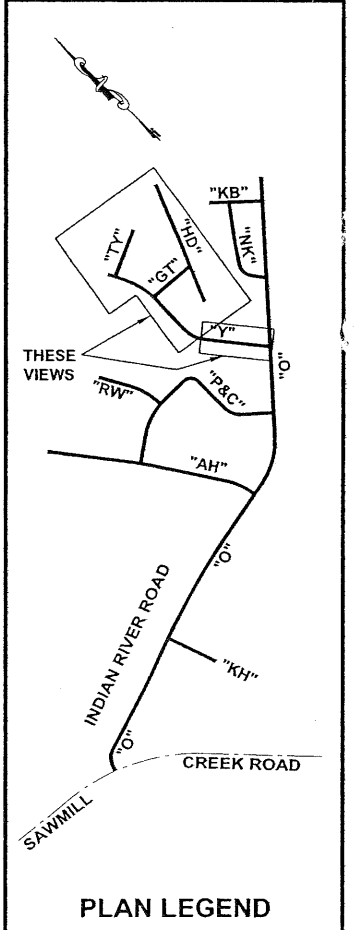


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	SURFACE DRAINAGE PATTERN
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	PROPOSED CULVERT FLOW DIRECTION
	FISH HABITAT
	ROCK CHECK DAM
	WETLANDS
	RIPRAP

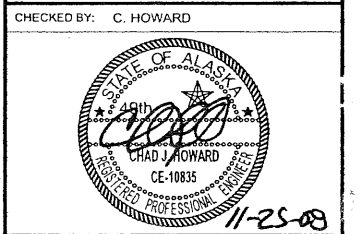
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 ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *CHW* Date *9/29/14*



CHECKED BY: C. HOWARD

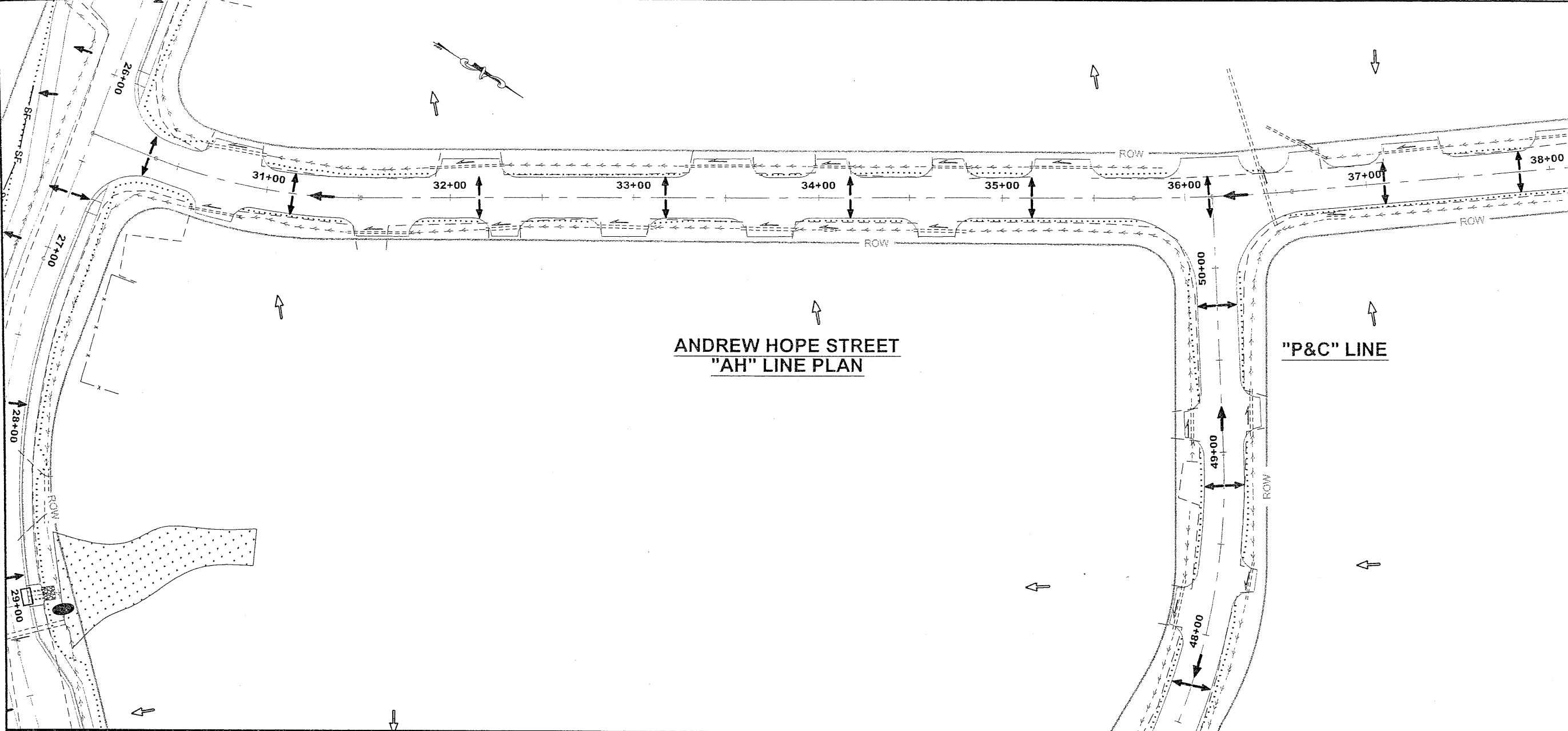
DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

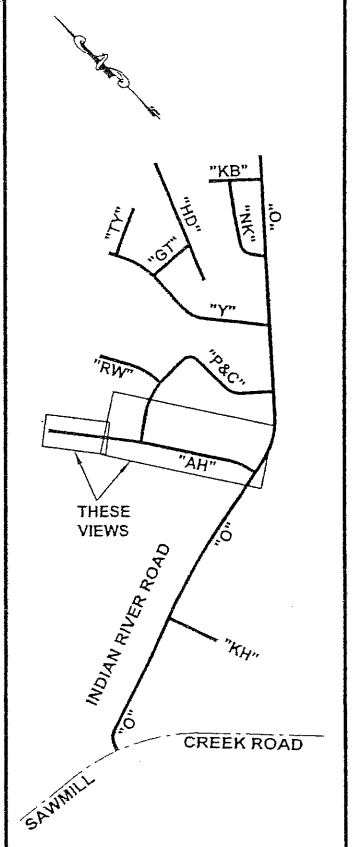
EROSION & SEDIMENT CONTROL PLAN	
PROJECT DESIGNATION	
HPRM-0933(34)/HPRL-0933(35)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
T5	63

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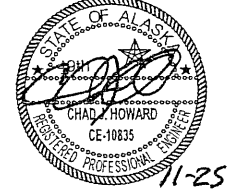
**ANDREW HOPE STREET  
 "AH" LINE PLAN**

**"P&C" LINE**



**PLAN LEGEND**

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

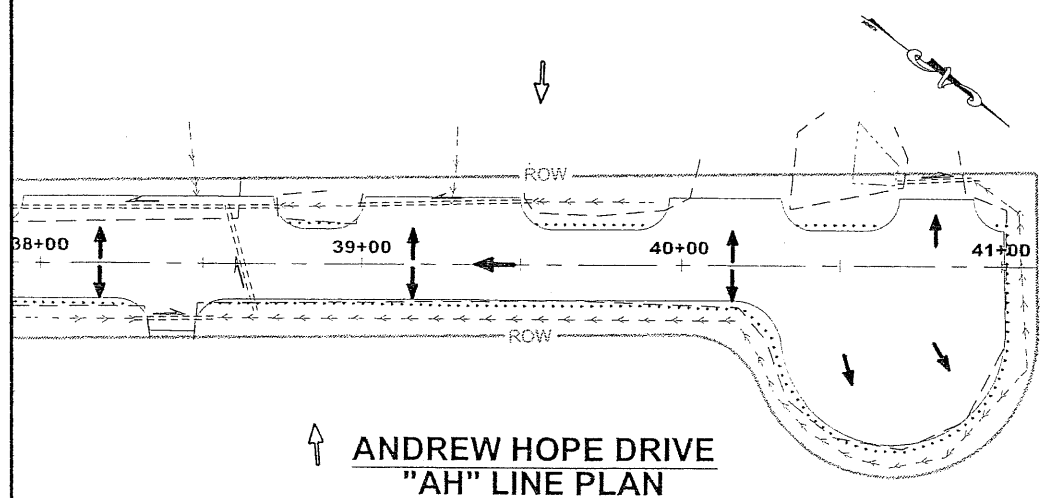
**SITKA - INDIAN RIVER ROAD  
 IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733**

**EROSION & SEDIMENT  
 CONTROL PLAN**

PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
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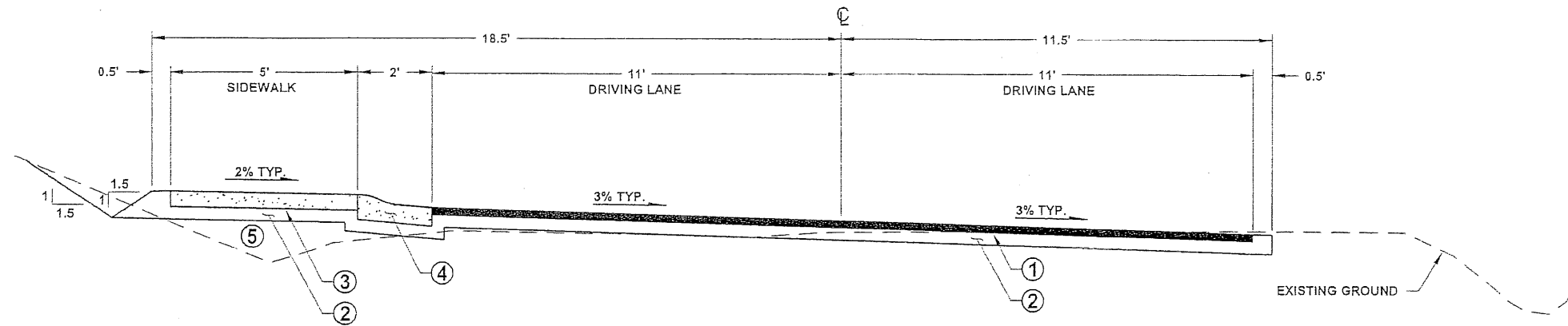


**ANDREW HOPE DRIVE  
 "AH" LINE PLAN**

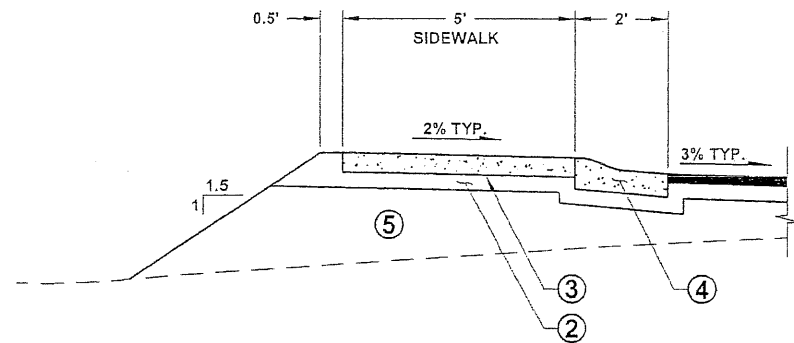
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *nmw* Date *9/29/11*

LEGEND	
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	PROPOSED DITCH DRAINAGE PATTERN
	INLET PROTECTION
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	FISH HABITAT
	ROCK CHECK DAM
	WETLANDS
	RIPRAP

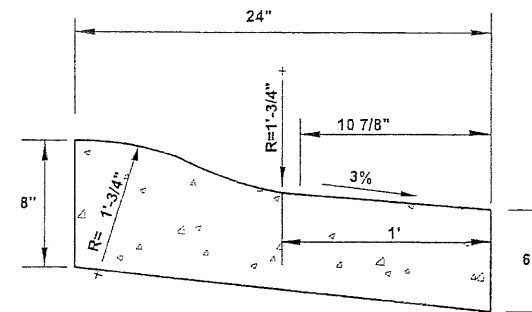
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



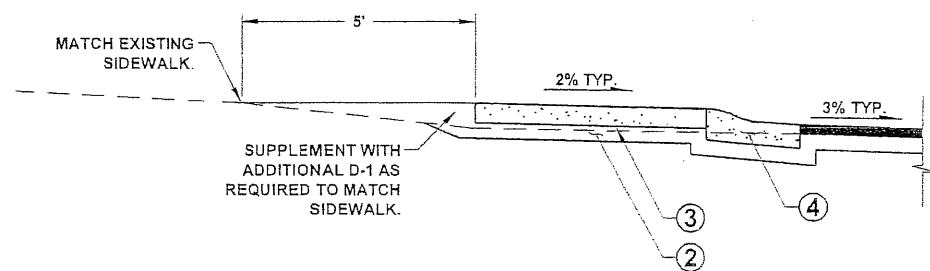
**ADDITIVE ALTERNATE "E"**  
**TYPICAL SECTION**  
**ANDREW HOPE STREET**



**TYPICAL FILL SECTION**



**ROLLED CURB &  
GUTTER DETAIL**



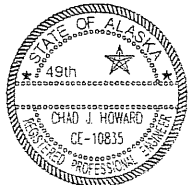
**DRIVEWAY MATCH DETAIL**

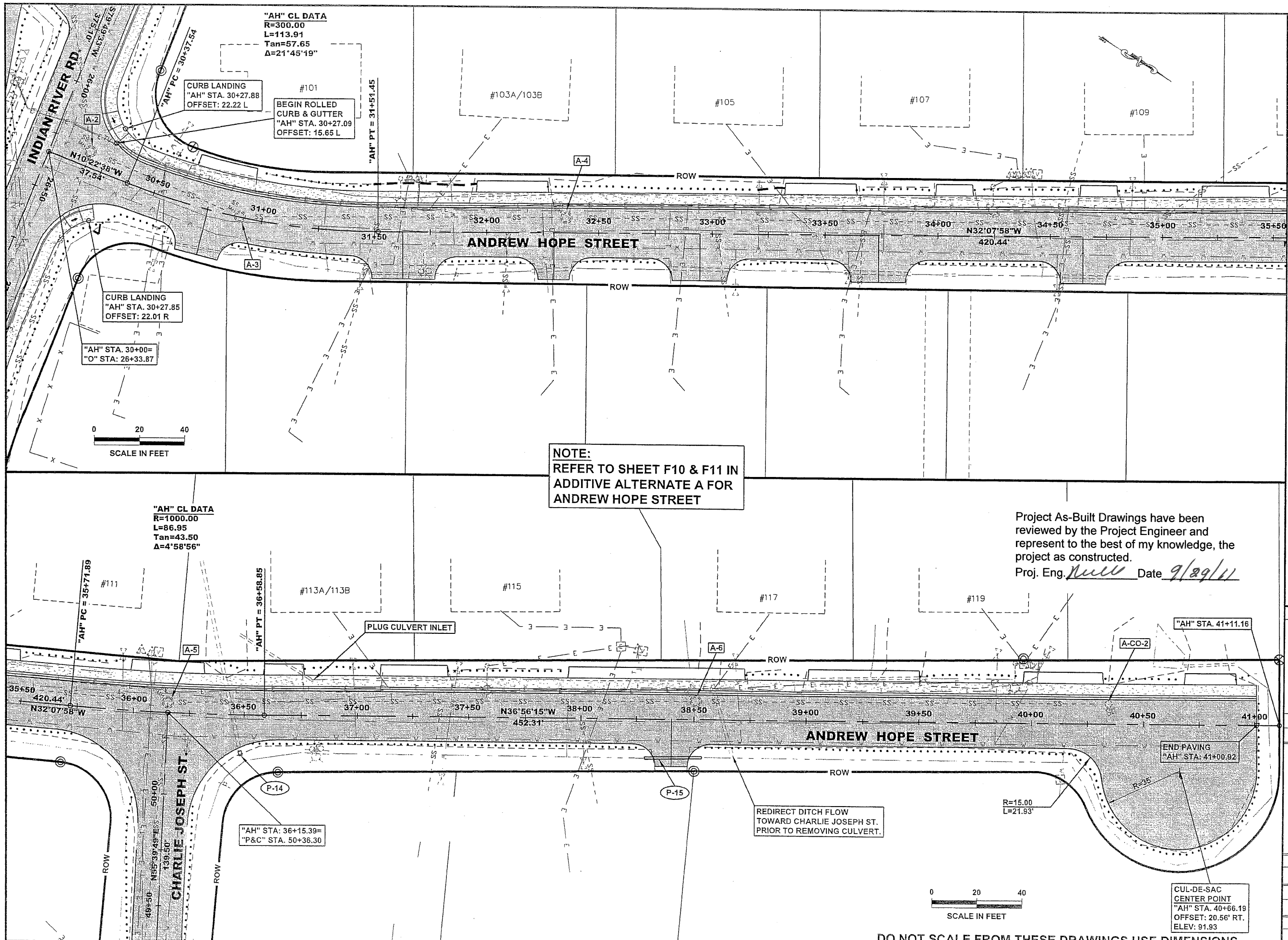
**LEGEND**

- ① 2 1/4" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B
- ② 4" AGGREGATE BASE COURSE, GRADING D-1
- ③ 5" CONCRETE SIDEWALK
- ④ ROLLED CURB & GUTTER
- ⑤ BORROW MEETING SELECTED MATERIAL, TYPE A

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Steve* Date *9/29/11*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. IVANISZEK DRAWN BY: R. SNYDER		SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID PROJECT # 69208 & 67733	
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		SHEET NO. <b>V1</b>	TOTAL SHEETS 63



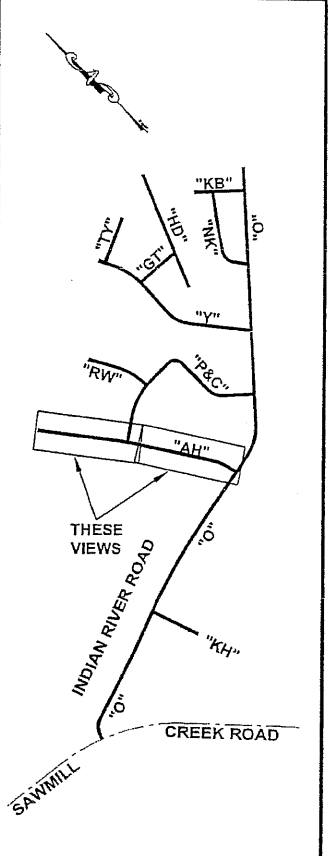
**NOTE:**  
 REFER TO SHEET F10 & F11  
 ADDITIVE ALTERNATE A FOR  
 ANDREW HOPE STREET

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *Null* Date *9/29/11*

PATH: Q:\SIT\69208\PLANSET\2\_PLAN-ALT.EDWG

CAIVANISZEK  
 TAB: V2 Wednesday, March 25, 2009 10:55:11

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: C. HOWARD

DESIGNED BY: C. IVANISZEK  
 DRAWN BY: R. SNYDER

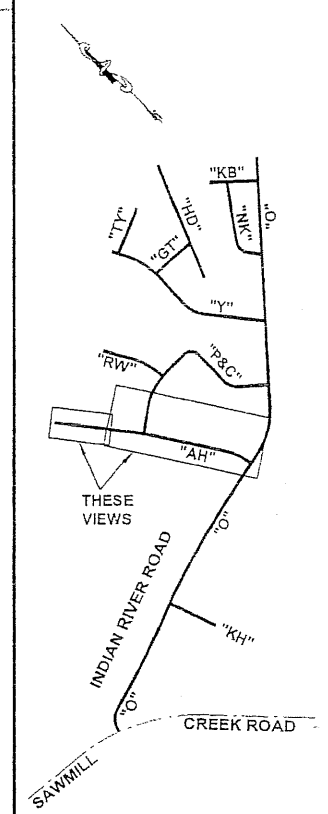
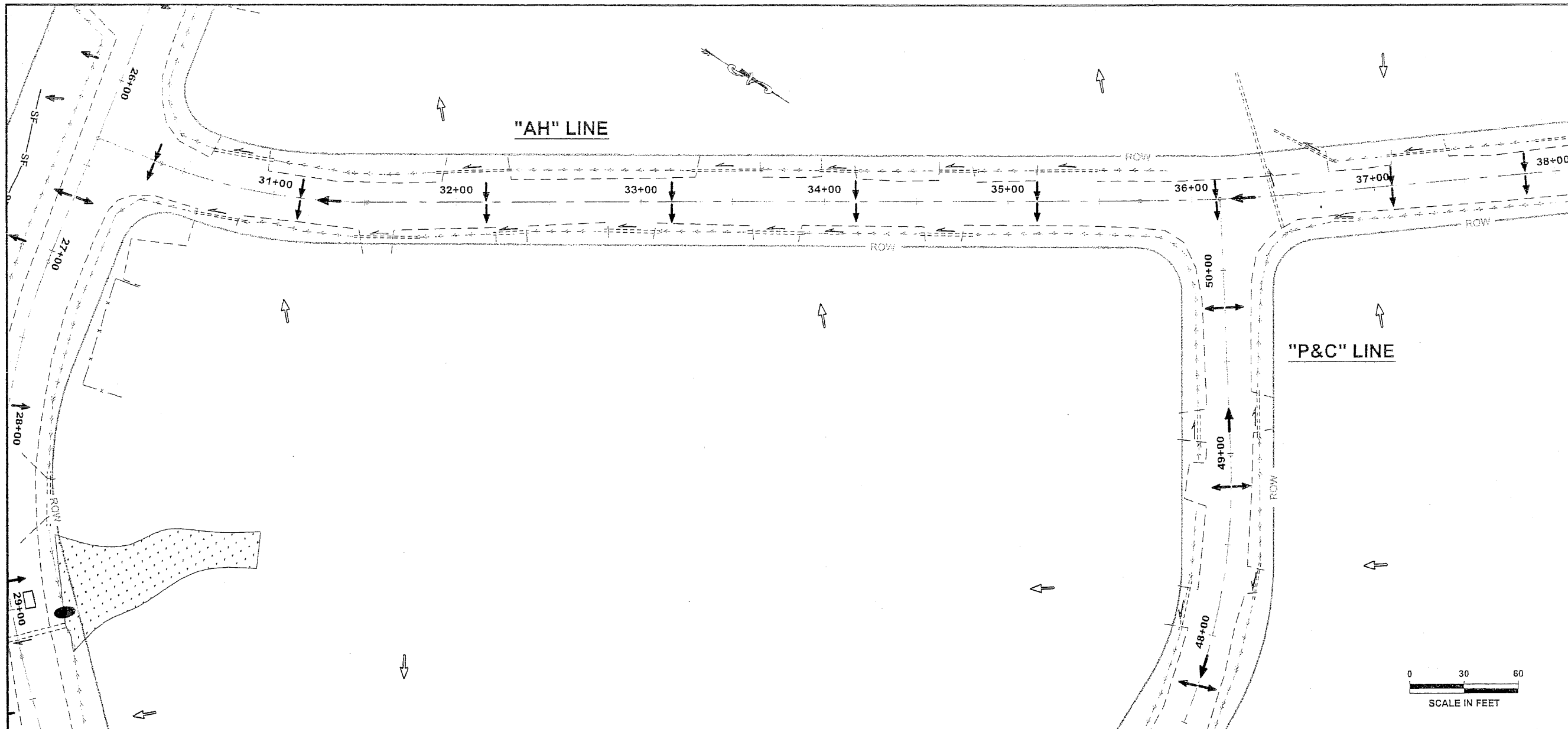
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD IMPROVEMENTS REBID  
 PROJECT # 69208 & 67733

**ADDITIVE ALTERNATE "E" "AH" LINE PLAN**

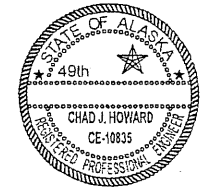
PROJECT DESIGNATION  
 HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
V2	63



PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. SNYDER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

SITKA - INDIAN RIVER ROAD  
IMPROVEMENTS REBID  
PROJECT # 69208 & 67733

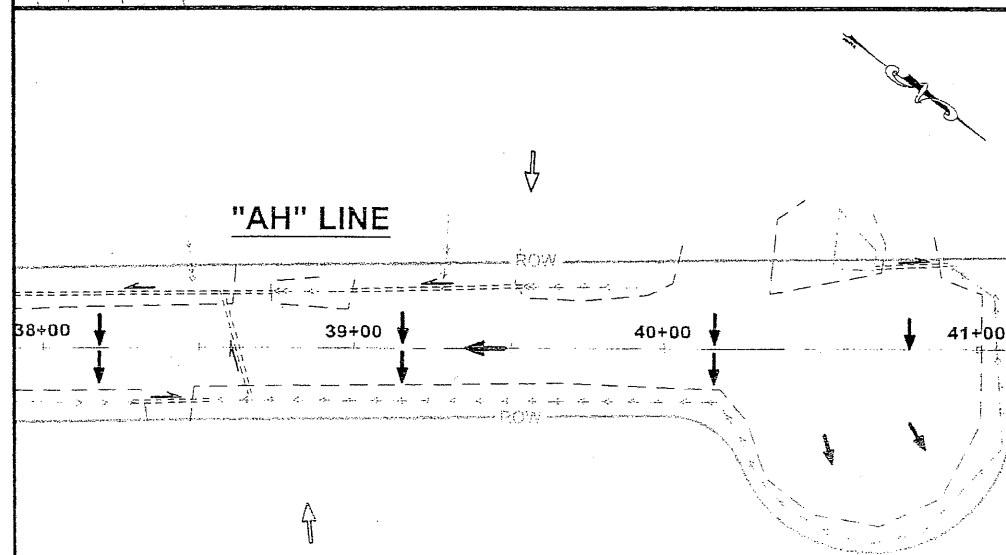
ADDITIVE ALTERNATE "E"  
EROSION & SEDIMENT  
CONTROL PLAN

PROJECT DESIGNATION

HPRM-0933(34)/HPRM-0933(35)

STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
V3	63



ADDITIVE ALTERNATE "E"  
ANDREW HOPE STREET  
"AH" LINE PLAN

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *Neil* Date *9/29/11*

LEGEND	
	EXISTING DITCH DRAINAGE PATTERN
	PROPOSED DITCH DRAINAGE PATTERN
	INLET PROTECTION
	SILT FENCE
	PROFILE DRAINAGE PATTERN
	SURFACE DRAINAGE PATTERN
	EXISTING CULVERT FLOW DIRECTION
	PROPOSED CULVERT FLOW DIRECTION
	FISH HABITAT
	ROCK CHECK DAM
	WETLANDS
	RIPRAP

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS