State of Alaska

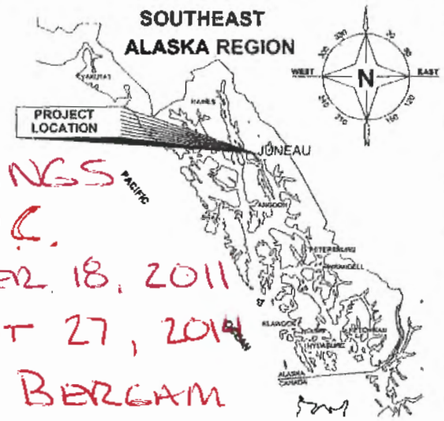
Department of Transportation and Public Facilities

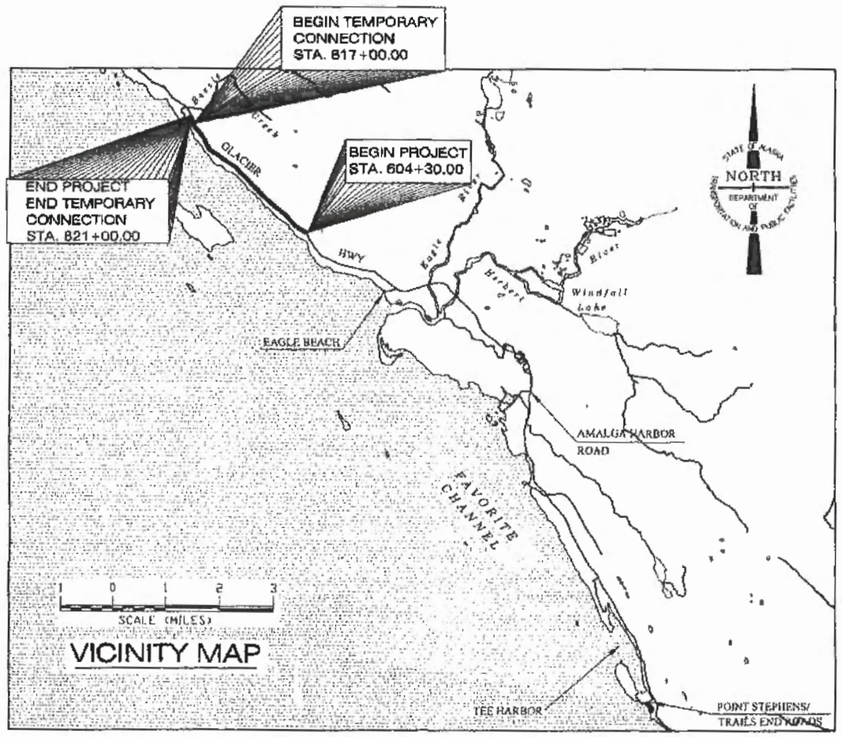
SOUTHEAST REGION

AS-BUILT DRAWINGS
CONTRACTOR: M.C.C.
START DATE: OCTOBER 18, 2011
END DATE: AUGUST 27, 2014
PROJECT ENGR: TINA BERGAM

JUNEAU, ALASKA
GLACIER HIGHWAY

NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
ACIM-093-3(28) ~ 67526





DESIGN DESIGNATION

B.O.P. (KAYAK LAUNCH) TO E.O.P. (BESSIE CREEK)

	2010	2030
AVERAGE DAILY TRAFFIC	370	730
DESIGN HOURLY VOLUME (15%)	56	111
DESIGN SPEED (MPH)	55/50	55/50
PEAK HOURLY FACTOR	0.9	0.9
DIRECTIONAL DISTRIBUTION (ENTERING/LEAVING)	55/45	55/45
PERCENT TRUCK TRAFFIC	8.5%	8.5%
EQUIVALENT AXLE LOAD: 150,000		
TURNING VEHICLE: WB50		
VEHICLE LOADING: HL93		

PROJECT SUMMARY

LENGTH OF GRADING	=	21,270 ft. (4.0 mi.)
LENGTH OF PAVING	=	21,270 ft. (4.0 mi.)
LENGTH OF TEMPORARY CONNECTIONS	=	400 ft.
WIDTH OF PAVING	=	30'
LENGTH OF PROJECT	=	21,670 ft. (4.1 mi.)

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	E-13.00	G-28.00	S-05.01
C-04.12	G-00.01	I-81.00	S-20.10
D-01.02	G-04.06S	M-13.01	S-30.03
D-04.21	G-10.01	M-16.01	T-06.00
D-07.00	G-13.00	S-00.10	
E-09.00	G-20.10	S-01.00	

INDEX

PATH: Q:\JNU\67526\PLANSET\G3D PLANSET67526 A1_TITLE STAGE 3.DWG TAB:A1

PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49TH Charles M. Tripp CE-9613 PROFESSIONAL ENGINEER — 7-5-11

APPROVED: Chuck Correa 8/3/11
REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
CHUCK CORREA, P.E.

APPROVED: M Clough 8-3-2011
DIRECTOR, SOUTHEAST REGION — DATE
ALBERT H. CLOUGH, CPG

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	ACIM-093-3(28) ~ 67526	2011	A1	73

Basis of Horizontal Control:
Horizontal Control for this project is based on the DOT/PF 2000 Juneau Grid

The DOT/PF Juneau Grid-2000 System is a local ground coordinate system based at USC&GS first order control station EDDIE. It relates to AKSPC zone 1 NAD83 through the following parameters:
Zone = NAD83 AKSPC ZONE 1
Grid Scale = 0.999928875
Convergence = -0°45'27.26"
Translation about USC&GS point EDDIE as follows:
AKSPC Northing = 2383469.17310 FT US *(726482.8570m)*
AKSPC Easting = 2512570.06318 FT US *(765832.8870m)*
Local Northing = 500000.0000 FT US *(152400.3048m)*
Local Easting = 500000.0000 FT US *(152400.3048m)*

Project Control was established with Leica 530 GPS units and Leica 2003&1101 total stations. SKI PRO static GPS processing provided the vectors and Starnet least squares adjustment was used to tie conventional measurements together with GPS measurements. Pairs of GPS points were established along the project and conventional traverse adjusted between. All units are US Survey Feet.

Project Specific Basis of Horizontal Control

TB-73 (#73): 2" Brass Cap located in bedrock adjacent to the outbound lane of Glacier Hwy near station 625+84.
NAD83(1992) Lat 58°32'42.9148"N Lon 134°51'25.6523"W
JNU-Grid N 569181.4317' E 444999.4114'
AKSPC N 2453366.7895' E 2458492.8280'

95-J-22 (#86) : DOT 2" Aluminum Cap located behind guardrail adjacent to the inbound lane of Glacier Hwy near station 754+75.
NAD83 (1992) Lat 58°31'50.80984"N Lon 134°49'43.23656"W
JNU-Grid N 563870.2462' E 450414.1843'
AKSPC N 2447984.8583' E 2463836.5243'

Basis of Vertical Control:
Vertical Control is Mean Lower Low Water based on static GPS ties to NOS benchmarks in tidal series 9452210 at downtown Juneau, published 11/1999. Geoid '99 used for orthometric height corrections. Project specific vertical control is TB-73 having an accepted elevation of 143.06 feet above MLLW.

CONTROL MONUMENT NOTES:
1. 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.

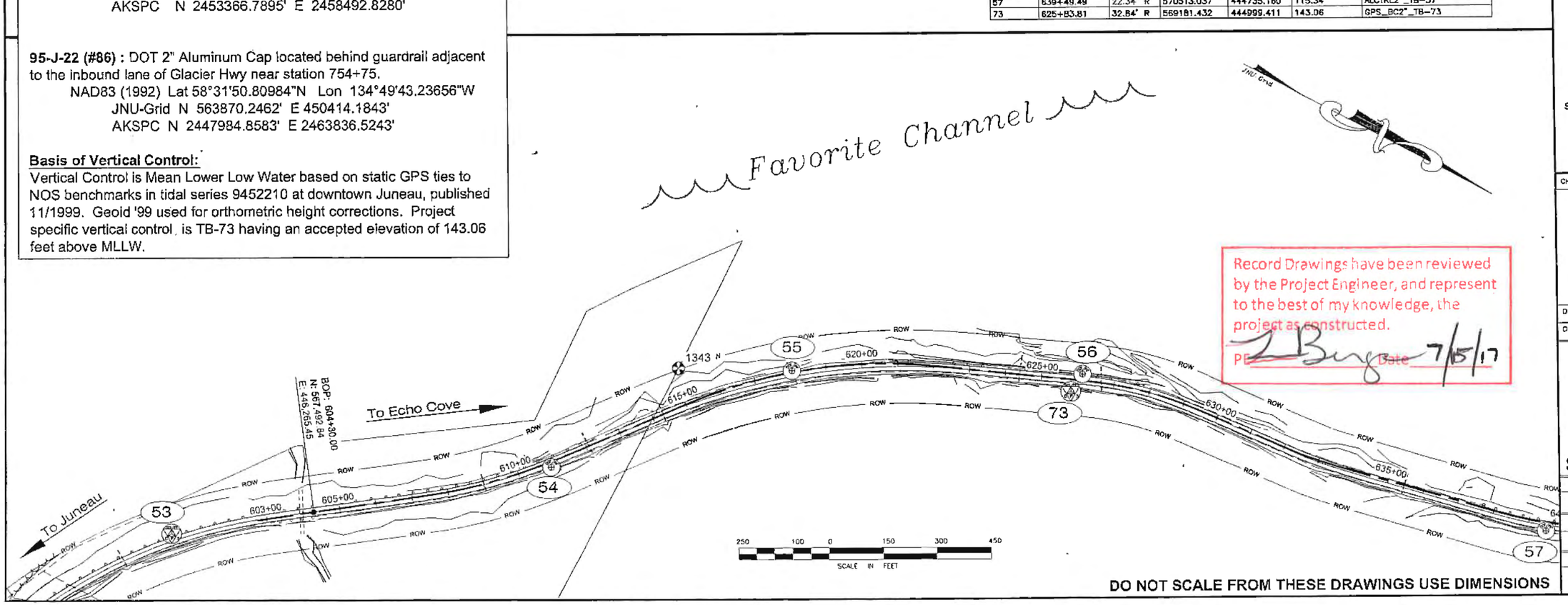
2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction 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.

PROPERTY MONUMENTS

POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
1343	615+17.90	99.42' L	568191.934	445447.641	GLO_BC3"_1/4COR_S28|S29

CONTROL MONUMENTS

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
53	NA	NA	567176.729	446499.767	62.03	GPS_ALCTRL2"_TB-53
54	610+90.89	13.54' R	568008.722	445851.855	108.00	ALCTRL2"_TB-54
55	618+06.44	4.54' L	568472.048	445307.712	129.81	ALCTRL2"_TB-55
56	626+11.31	17.91' L	569187.907	444942.056	128.71	ALCTRL2"_TB-56
57	639+49.49	22.34' R	570513.037	444735.160	115.34	ALCTRL2"_TB-57
73	625+83.81	32.84' R	569181.432	444999.411	143.06	GPS_BC2"_TB-73



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE ~~Date~~ 7/5/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\JNU\67526\PLANSET\C3D PLANSET\67526 A2-A4 CTRL.DWG

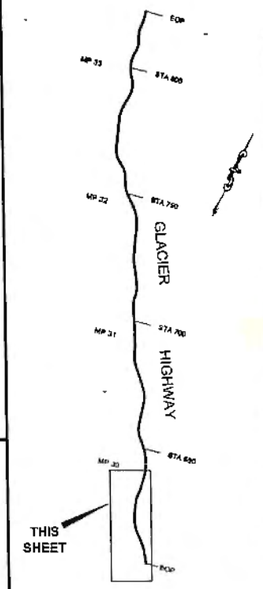
WEAVER, JON M (DOT)
TAB: A2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: R. DAVIS

7.5.11
STATE OF ALASKA
49 TH
Timothy Reed
No. 10613
REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: T. REED

DRAWN BY: T. REED

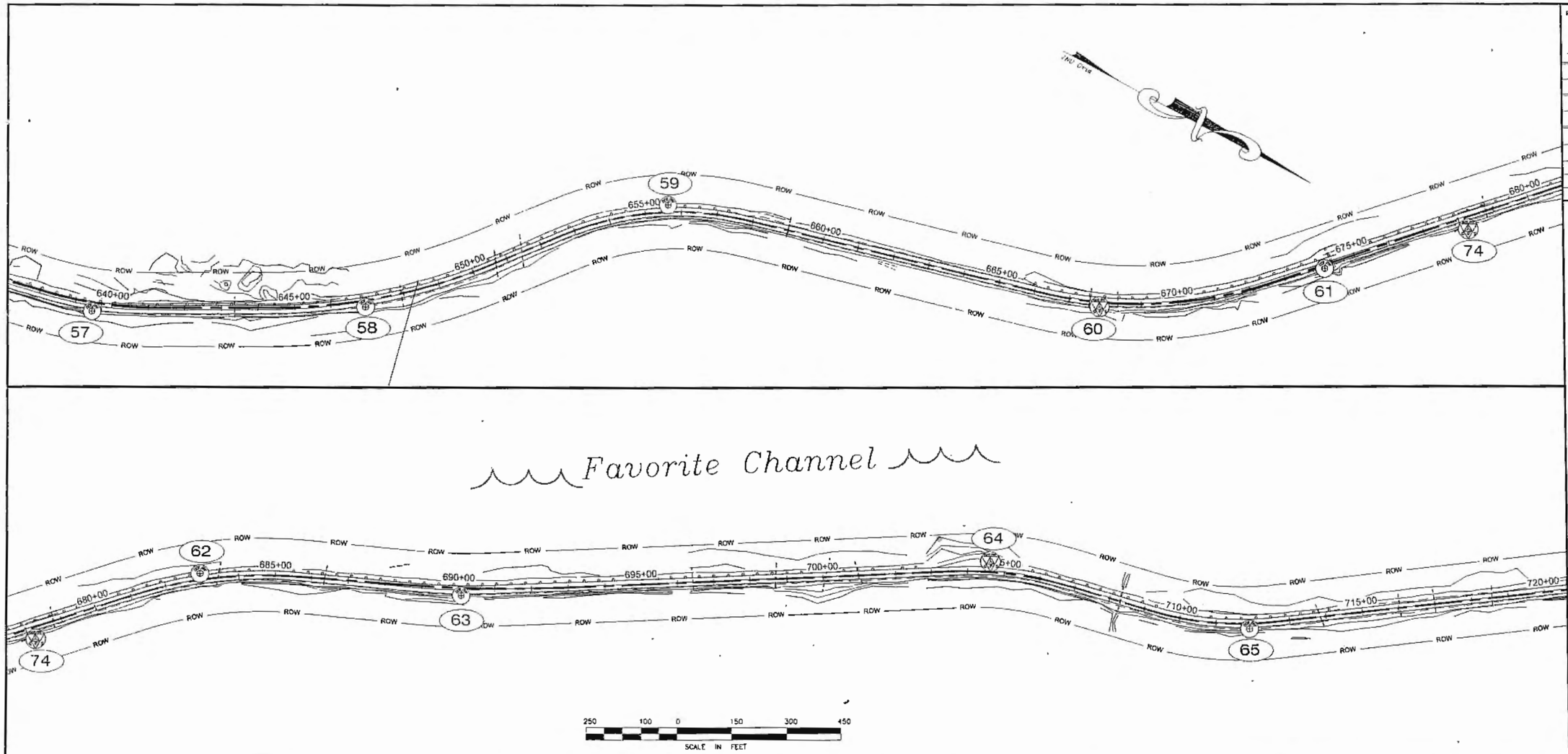
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SURVEY CONTROL

PROJECT DESIGNATION
ACIM-093-3(28)-67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A2	73



CONTROL MONUMENTS						
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
57	639+49.49	22.34' R	570513.037	444735.160	115.34	ALCTRL2"_TB-57
58	646+92.79	17.11' R	571167.080	444372.482	116.42	ALCTRL2"_TB-58
59	655+63.93	19.57' L	571770.465	443739.853	125.91	ALCTRL2"_TB-59
60	667+83.46	11.47' R	572952.219	443424.108	150.39	GPS_ALCTRL2"_TB-60
61	674+11.80	9.09' R	573450.813	443044.106	145.20	ALCTRL2"_TB-61
62	682+96.77	17.92' L	574056.105	442397.500	144.32	ALCTRL2"_TB-62
63	690+08.02	20.24' R	574713.195	442113.942	135.21	ALCTRL2"_TB-63
64	704+60.61	28.92' L	575953.551	441349.183	89.44	GPS_ALCTRL2"_TB-64
65	711+90.89	13.78' R	576668.337	441178.810	77.35	ALCTRL2"_TB-65
66	722+78.69	11.50' R	577572.119	440573.836	71.47	GPS_ALCTRL2"_TB-66
67	739+29.43	20.52' R	579085.954	439915.247	124.95	ALCTRL2"_TB-67
68	749+68.72	22.07' L	579737.919	439100.510	127.01	ALCTRL2"_TB-68
69	756+10.94	10.47' R	580307.590	438795.875	117.76	ALCTRL2"_TB-69
74	678+18.36	31.01' R	573748.219	442766.026	154.27	GPS_BC2"_TB-74
86	754+76.40	54.25' L	580162.423	438610.568	118.26	GPS_ALCTRL2"_95-J-22

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\JNU\67526\PLANSET\C3D PLANSET\67526 A2-A4 CTRL.DWG

WEAVER, JON M (DOT)

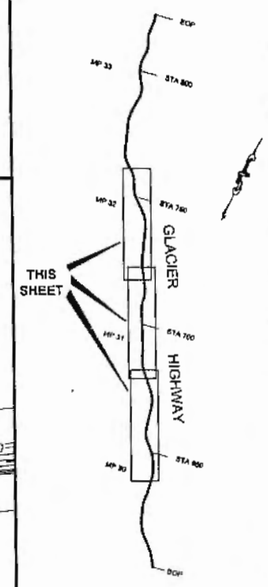
TAB: A3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: R. DAVIS

7-5-17

DESIGNED BY: T. REED

DRAWN BY: T. REED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

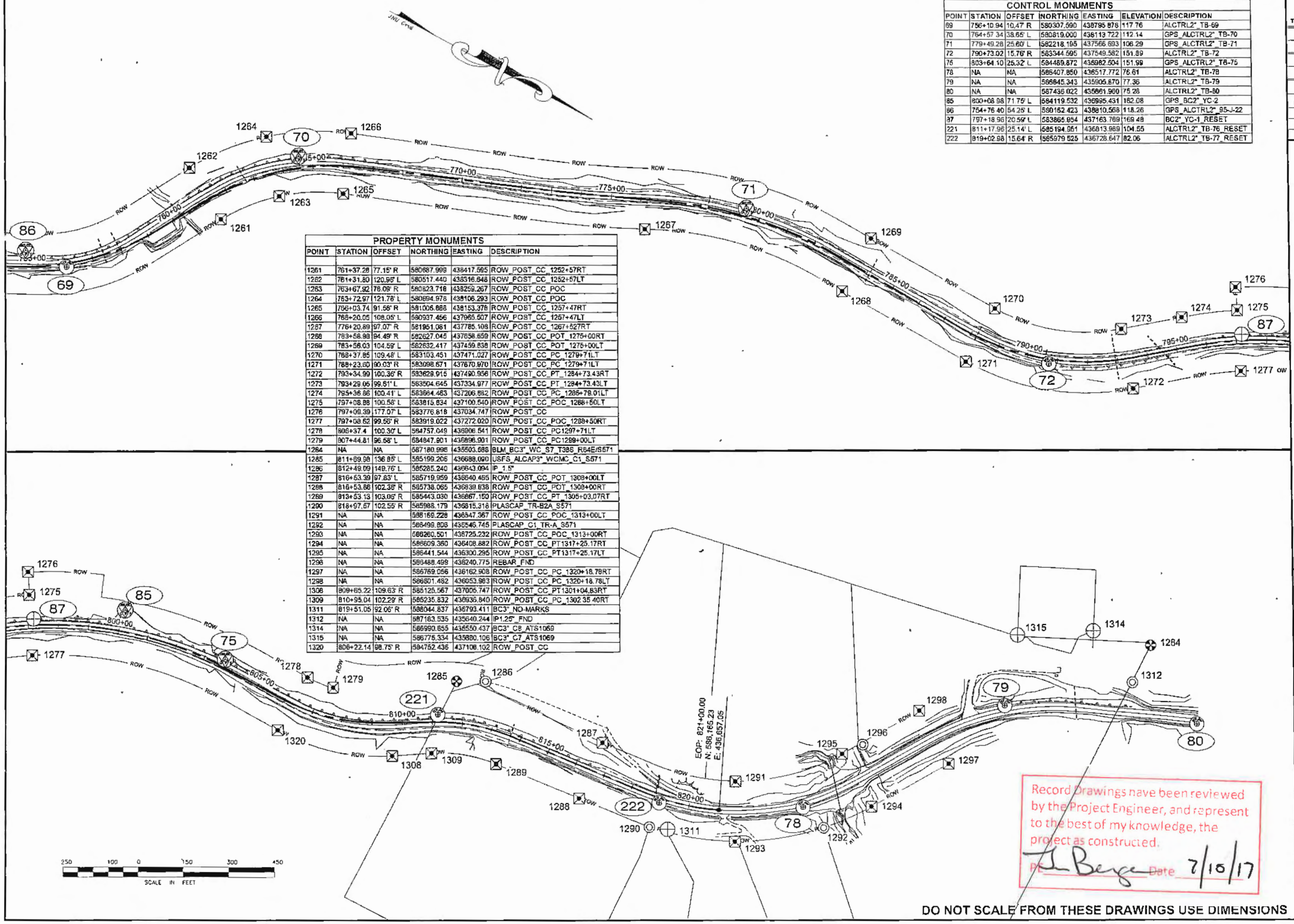
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SURVEY CONTROL

PROJECT DESIGNATION	
ACIM-093-3(28)-67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A3	73

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

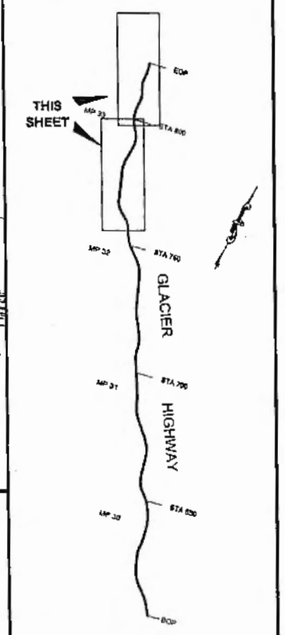


CONTROL MONUMENTS

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
69	756+10.94	10.47' R	580307.590	438795.876	117.76	ALCTRL2"_TB-69
70	764+57.34	38.65' L	580819.000	438113.722	112.14	GPS_ALCTRL2"_TB-70
71	779+49.28	25.60' L	582218.195	437566.693	106.29	GPS_ALCTRL2"_TB-71
72	790+73.02	15.76' R	583344.595	437549.582	151.89	ALCTRL2"_TB-72
75	803+64.10	25.32' L	584489.872	436982.504	151.99	GPS_ALCTRL2"_TB-75
78	NA	NA	586407.850	436517.772	76.61	ALCTRL2"_TB-78
79	NA	NA	586645.343	435905.870	77.36	ALCTRL2"_TB-79
80	NA	NA	587436.022	435661.960	75.28	ALCTRL2"_TB-80
85	800+08.98	71.75' L	584119.532	436995.431	162.08	GPS_BC2"_YC-2
86	754+76.40	54.25' L	580162.423	438810.568	118.26	GPS_ALCTRL2"_95-J-22
87	797+18.96	20.59' L	583866.954	437163.769	169.48	BC2"_YC-1_RESET
221	811+17.96	25.14' L	585194.961	436813.989	104.55	ALCTRL2"_TB-76_RESET
222	819+02.98	15.64' R	585979.525	436728.647	82.06	ALCTRL2"_TB-77_RESET

PROPERTY MONUMENTS

POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
1261	761+37.28	77.15' R	580687.909	438417.595	ROW_POST_CC_1252+57RT
1262	761+31.80	120.95' L	580517.440	438316.848	ROW_POST_CC_1252+57LT
1263	763+67.92	78.09' R	580823.716	438259.267	ROW_POST_CC_POC
1264	763+72.97	121.78' L	580694.978	438106.293	ROW_POST_CC_POC
1265	766+03.74	91.58' R	581006.888	438153.376	ROW_POST_CC_1257+47RT
1266	768+20.05	108.05' L	580937.456	437965.507	ROW_POST_CC_1257+47LT
1267	776+20.89	97.07' R	581961.081	437785.108	ROW_POST_CC_1267+52RT
1268	783+58.98	84.49' R	582627.045	437658.659	ROW_POST_CC_POT_1275+00RT
1269	783+56.03	104.59' L	582632.417	437459.838	ROW_POST_CC_POT_1275+00LT
1270	788+37.85	109.48' L	583103.451	437471.027	ROW_POST_CC_PC_1279+71LT
1271	788+23.60	90.03' R	583098.671	437670.970	ROW_POST_CC_PC_1279+71LT
1272	793+34.99	100.36' R	583628.915	437490.956	ROW_POST_CC_PT_1284+73.43RT
1273	793+29.06	99.51' L	583504.645	437334.977	ROW_POST_CC_PT_1284+73.43LT
1274	795+36.86	100.41' L	583664.463	437206.882	ROW_POST_CC_PC_1286+79.01LT
1275	797+08.85	100.58' L	583815.634	437100.540	ROW_POST_CC_POC_1288+50LT
1276	797+09.39	177.07' L	583776.818	437034.747	ROW_POST_CC
1277	797+08.62	99.58' R	583919.022	437272.020	ROW_POST_CC_POC_1288+50RT
1278	806+37.4	100.30' L	584757.049	436906.541	ROW_POST_CC_PC1297+71LT
1279	807+44.81	96.58' L	584847.901	436896.901	ROW_POST_CC_PC1299+00LT
1284	NA	NA	587180.996	435503.586	BLM_BC3"_WC_S7_T38S_R54E/S571
1285	811+69.98	136.85' L	585199.206	436688.090	USFS_ALCAP3"_WCMC_C1_S571
1286	812+49.09	149.76' L	585285.240	436643.094	IP_1.5"
1287	816+53.39	97.83' L	585719.959	436640.465	ROW_POST_CC_POT_1308+00LT
1288	816+53.86	102.38' R	585738.065	436839.838	ROW_POST_CC_POT_1308+00RT
1289	813+53.13	103.06' R	585443.030	436667.150	ROW_POST_CC_PT_1305+03.07RT
1290	818+97.57	102.55' R	585988.179	436815.318	PLASCAP_TR-B2A_S571
1291	NA	NA	586169.228	436547.367	ROW_POST_CC_POC_1313+00LT
1292	NA	NA	586499.808	436546.745	PLASCAP_C1_TR-A_S571
1293	NA	NA	586260.501	436725.232	ROW_POST_CC_POC_1313+00RT
1294	NA	NA	586609.360	436408.882	ROW_POST_CC_PT1317+25.17RT
1295	NA	NA	586441.544	436300.295	ROW_POST_CC_PT1317+25.17LT
1296	NA	NA	586488.499	436240.775	REBAR_FND
1297	NA	NA	586769.056	436162.908	ROW_POST_CC_PC_1320+18.78RT
1298	NA	NA	586601.482	436053.983	ROW_POST_CC_PC_1320+18.78LT
1308	809+65.22	109.63' R	585125.567	437005.747	ROW_POST_CC_PT1301+04.83RT
1309	810+95.04	102.29' R	585235.832	436936.840	ROW_POST_CC_PC_1302 35.40RT
1311	819+51.05	92.06' R	586044.837	436793.411	BC3"_NO-MARKS
1312	NA	NA	587163.535	435640.244	IP1.25"_FND
1314	NA	NA	586990.855	436550.437	BC3"_C8_ATS1069
1315	NA	NA	586775.334	435880.106	BC3"_C7_ATS1069
1320	806+22.14	98.75' R	584752.436	437108.102	ROW_POST_CC



PLAN LEGEND

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE T. Berge Date 7/10/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET67526 A2-A4 CTRL.DWG

WEAVER, JON M (DOT)
TAB: A4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: R. DAVIS

7-5-11

STATE OF ALASKA 49 TH Timothy Reed No. 10613 REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: T. REED

DRAWN BY: T. REED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SURVEY CONTROL

PROJECT DESIGNATION	
ACIM-093-3(28)-67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A4	73

GLACIER HIGHWAY NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK ALIGNMENT LAYOUT

Number	START STATION	NORTHING	EASTING	TANGENT DISTANCE	TANGENT BEARING	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	DELTA
BOP / POT	604+30.00	567492.84	446265.45	309.10	N36° 18' 24"W					
PC	607+39.10	567741.94	446082.43			566653.77	444873.65	1500.00	383.42	14° 38' 44"
PT	611+22.52	568016.71	445816.60	368.95	N50° 57' 08"W					
PC	614+91.47	568251.14	445532.06			569357.82	446429.76	1425.00	719.84	28° 56' 06"
PT	622+11.12	568823.61	445108.69	410.66	N22° 01' 02"W					
PC	626+21.77	569204.32	444954.74			569603.57	445942.07	1065.00	333.96	17° 58' 00"
PT	629+55.74	569528.35	444879.73	246.19	N4° 03' 01"W					
PC	632+01.92	569773.92	444862.34			569689.16	443665.34	1200.00	157.41	7° 30' 57"
PT	633+59.33	569929.76	444840.97	452.65	N11° 33' 58"W					
PC	638+11.99	570373.22	444750.21			570159.69	443706.84	1065.00	309.11	16° 37' 46"
PT	641+21.09	570662.88	444645.46	323.16	N28° 11' 45"W					
PC	644+44.26	570947.70	444492.76			570191.72	443082.63	1600.00	617.67	22° 07' 07"
PT	650+61.92	571423.02	444104.35	203.38	N50° 18' 52"W					
PC	652+65.31	571552.69	443947.84			572195.47	444481.05	835.00	523.65	35° 55' 30"
PT	657+88.86	571987.07	443672.24	826.98	N14° 23' 21"W					
PC	666+14.84	572788.04	443466.98			572496.04	442328.84	1175.00	651.59	31° 46' 23"
PT	672+66.43	573343.67	443142.07	828.39	N46° 09' 45"W					
PC	680+94.82	573917.33	442545.14			574782.90	443376.28	1200.00	467.57	22° 19' 29"
PT	685+62.39	574297.92	442276.65	234.69	N23° 50' 15"W					
PC	687+97.08	574512.59	442183.80			573017.26	438799.43	3700.00	388.88	6° 02' 15"
PT	691+66.96	574860.26	442007.75	1173.59	N29° 52' 30"W					
PC	703+60.55	575877.90	441423.18			576408.38	442346.66	1065.00	345.11	18° 34' 00"
PT	707+06.59	576199.55	441302.33	217.24	N11° 18' 30"W					
PC	709+23.83	576412.57	441259.73			576248.84	440440.94	835.00	332.75	22° 49' 58"
PT	712+56.58	576717.47	441132.04	906.83	N34° 08' 28"W					
PC	721+63.41	577468.01	440623.10			578065.72	441504.55	1065.00	229.06	12° 19' 23"
PT	723+92.47	577669.91	440515.64	1157.71	N21° 49' 04"W					
PC	735+50.18	578744.69	440085.57			578224.37	438765.85	1400.00	763.10	31° 13' 49"
PT	743+13.27	579343.16	439627.45	446.92	N53° 02' 53"W					
PC	747+60.20	579611.83	439270.30			580462.91	439910.52	1065.00	498.09	26° 47' 49"
PT	752+58.29	579991.86	438955.36	201.32	N26° 15' 04"W					
PC	754+59.61	580172.41	438866.31			579803.09	438117.43	835.00	473.96	32° 31' 20"
PT	759+33.58	580517.11	438550.31	191.40	N58° 46' 24"W					
PC	761+24.97	580616.34	438388.64			581330.37	438819.53	835.00	542.14	37° 12' 03"
PT	766+67.12	581023.35	438043.02	631.75	N21° 34' 21"W					
PC	772+98.87	581610.85	437810.74			577934.05	428511.21	10000.00	102.07	0° 35' 05"
PT	774+00.94	581705.56	437772.72	287.51	N22° 09' 27"W					
PC	776+88.45	581971.85	437664.29			582503.64	436970.16	1410.00	604.19	24° 33' 05"
PT	782+92.63	582562.54	437561.39	466.49	N2° 23' 38"E					
PC	787+56.95	583028.61	437580.88			583063.49	436746.61	835.00	597.17	40° 58' 36"
PT	793+54.13	583584.24	437399.33	192.26	N38° 34' 58"W					
PC	795+46.40	583734.54	437279.42			584510.96	438252.65	1245.00	853.27	39° 16' 05"
PT	803+99.67	584525.87	437007.73	188.99	N0° 41' 07"E					
PC	805+88.66	584712.84	437009.97			584720.74	436350.02	660.00	339.29	29° 27' 17"
PT	809+26.95	585036.39	436928.55	182.38	N28° 48' 10"W					
PC	811+08.33	585198.25	436840.77			585515.90	437419.31	660.00	273.17	23° 42' 50"
PT	813+81.50	585457.74	436761.87	454.92	N5° 03' 19"W					
PC	818+36.42	585910.89	436721.79			585838.77	435905.46	818.51	263.58	18° 27' 02"
EOP / POC	821+00.00	586165.23	436657.05							

STATION EQUATION:
707+05.66 BACK = 707+06.59 AHEAD

STATION EQUATION:
783+06.51 BACK = 783+04.34 AHEAD

NEW SHEET (JW)

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE [signature] Date 9/17/17

PATH:Q:\JHWA\71\28\EH\DOCS\CONSTRUCTION\REDESIGN
2\67526 AS ALIGNMENT LAYOUT.DWG

TRIPP, CHARLES M (DOT)
TAB: A5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	6/17/12	REALIGNMENT
2	8/15/12	REALIGNMENT TO AVOID
		TALUS FOUND AT STA 694

CHECKED BY: C. TRIPP

STATE OF ALASKA ★ 49th ★ Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

[signature] 7-2-12

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

ALIGNMENT LAYOUT

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A5	73

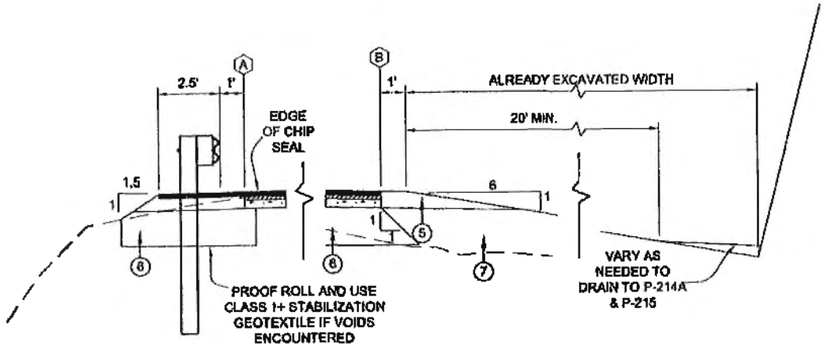
GLACIER HIGHWAY NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK ALIGNMENT LAYOUT

Number	START STATION	NORTHING	EASTING	TANGENT DISTANCE	TANGENT BEARING	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	DELTA
PC	787+58.95	583028.61	437580.86			583063.49	436746.61	835.00	597.17	40° 58' 35"
PT	793+54.13	583564.24	437399.33	197.91	N38° 34' 58"W				197.91	
PC	795+52.03	583738.94	437275.91			584487.32	438213.96	1200.00	757.93	36° 11' 01"
PT	803+09.96	584437.08	437015.01	326.30	N2° 23' 57"W				326.30	
PC	806+36.17	584763.10	437001.35			584735.47	436341.93	660.00	303.76	26° 22' 13"
PT	809+42.76	585053.12	436920.46	165.57	N28° 46' 10"W				165.57	
PC	811+08.33	585198.25	436840.77			585515.90	437419.31	660.00	273.17	23° 42' 50"
PT	813+81.50	585457.74	436761.87	454.92	N5° 03' 19"W				454.92	
PC	818+36.42	585910.89	436721.79			585838.77	435806.46	816.51	263.58	18° 27' 02"
EOP / POC	821+00.00	586165.23	436857.05							

MATCHES CURVE IN CHANGE ORDER #4

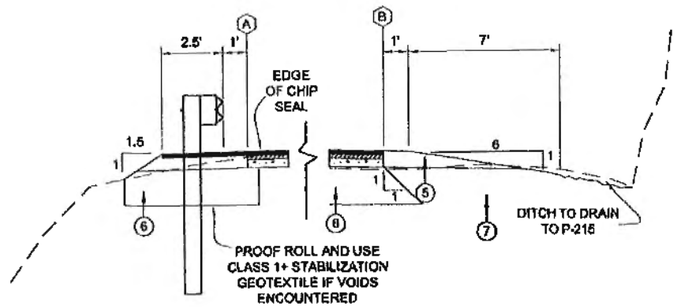
STATION EQUATION:
809+42.12 BACK = 809+44.90 AHEAD

MATCHES ALIGNMENT IN CHANGE ORDER #4



TYPICAL SECTION

START OF CUT (795+50±) TO GAP IN EXISTING ROCK SLOPE (804+50±)



TYPICAL SECTION

GAP IN EXISTING ROCK SLOPE (804+50±) TO END OF REALIGNMENT (809+42.76)

NEW PLANSHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Burg Date 9/17/17

PATH: Q:\JNU\67526\ENGDOCS\CONSTRUCTION\RED SIG 4 790-807\67526 AS ALIGNMENT LAYOUT.DWG

WEAVER, JON M (DOT)

TAB: AS(A)

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	9/26/13	SHEET CREATED FOR
		CHANGE ORDER

CHECKED BY: C. TRIPP

STATE OF ALASKA 49 TH Jonathon M. Weaver CE-13314 REGISTERED PROFESSIONAL ENGINEER 9/26/13

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

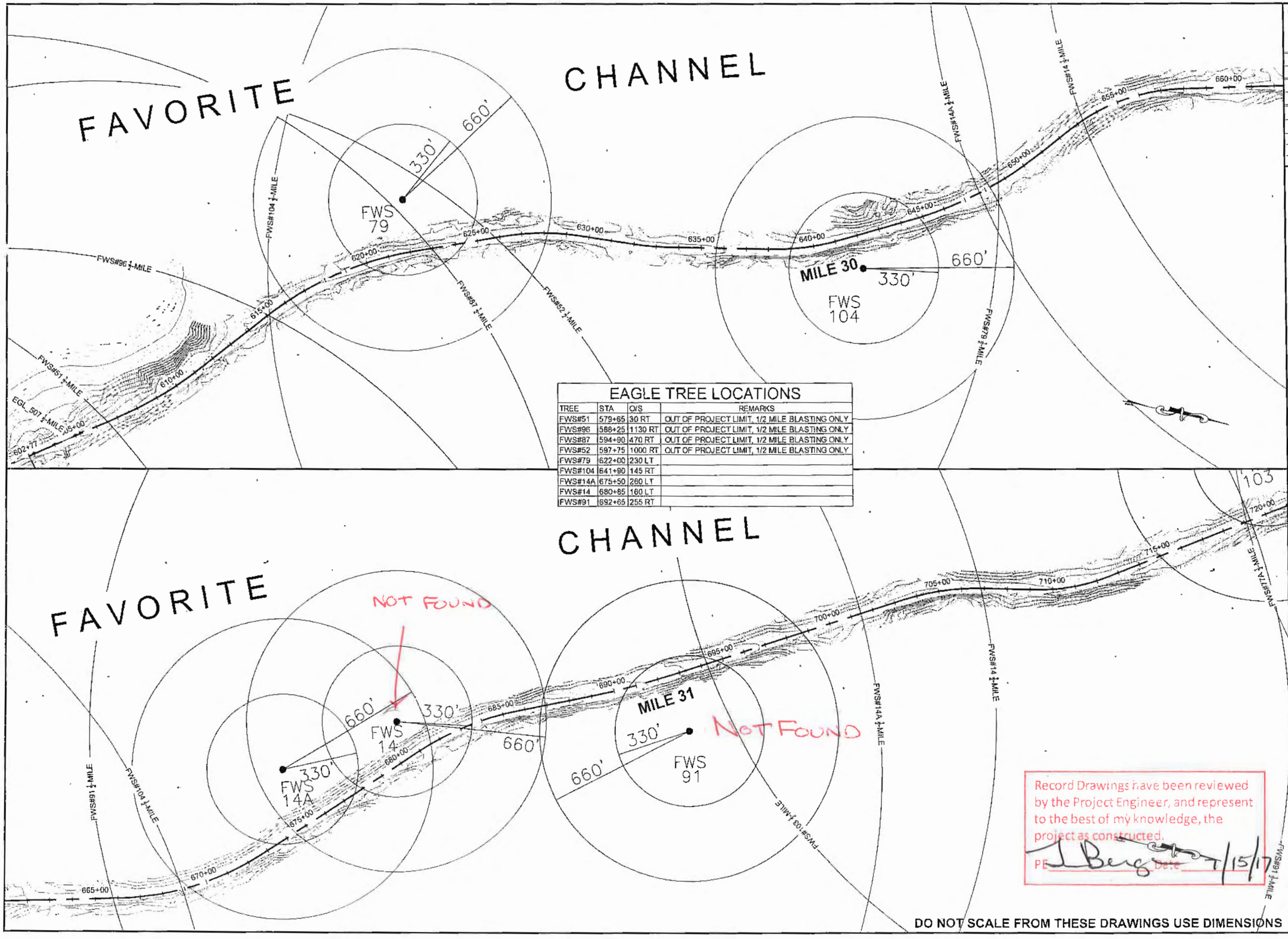
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

CHANGE ORDER ALIGNMENT LAYOUT AND TYPICALS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
A5(A)	73



EAGLE TREE LOCATIONS

TREE	STA	O/S	REMARKS
FWS#51	579+65	30 RT	OUT OF PROJECT LIMIT, 1/2 MILE BLASTING ONLY
FWS#96	588+25	1130 RT	OUT OF PROJECT LIMIT, 1/2 MILE BLASTING ONLY
FWS#87	594+90	470 RT	OUT OF PROJECT LIMIT, 1/2 MILE BLASTING ONLY
FWS#52	597+75	1000 RT	OUT OF PROJECT LIMIT, 1/2 MILE BLASTING ONLY
FWS#79	622+00	230 LT	
FWS#104	641+90	145 RT	
FWS#14A	675+50	260 LT	
FWS#14	680+85	160 LT	
FWS#91	692+65	255 RT	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

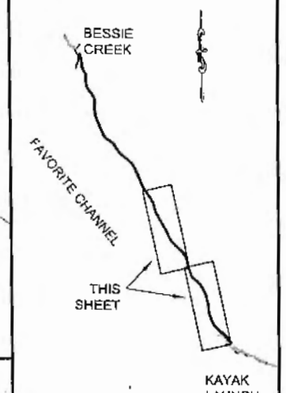
PATH:Q:\JNU\67526\PLANSET\C3D
PLANSET\67526 A6-A7 EAGLE TREES.DWG

WEAVER, JON M (DOT)
TAB: A6

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

7-5-17

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

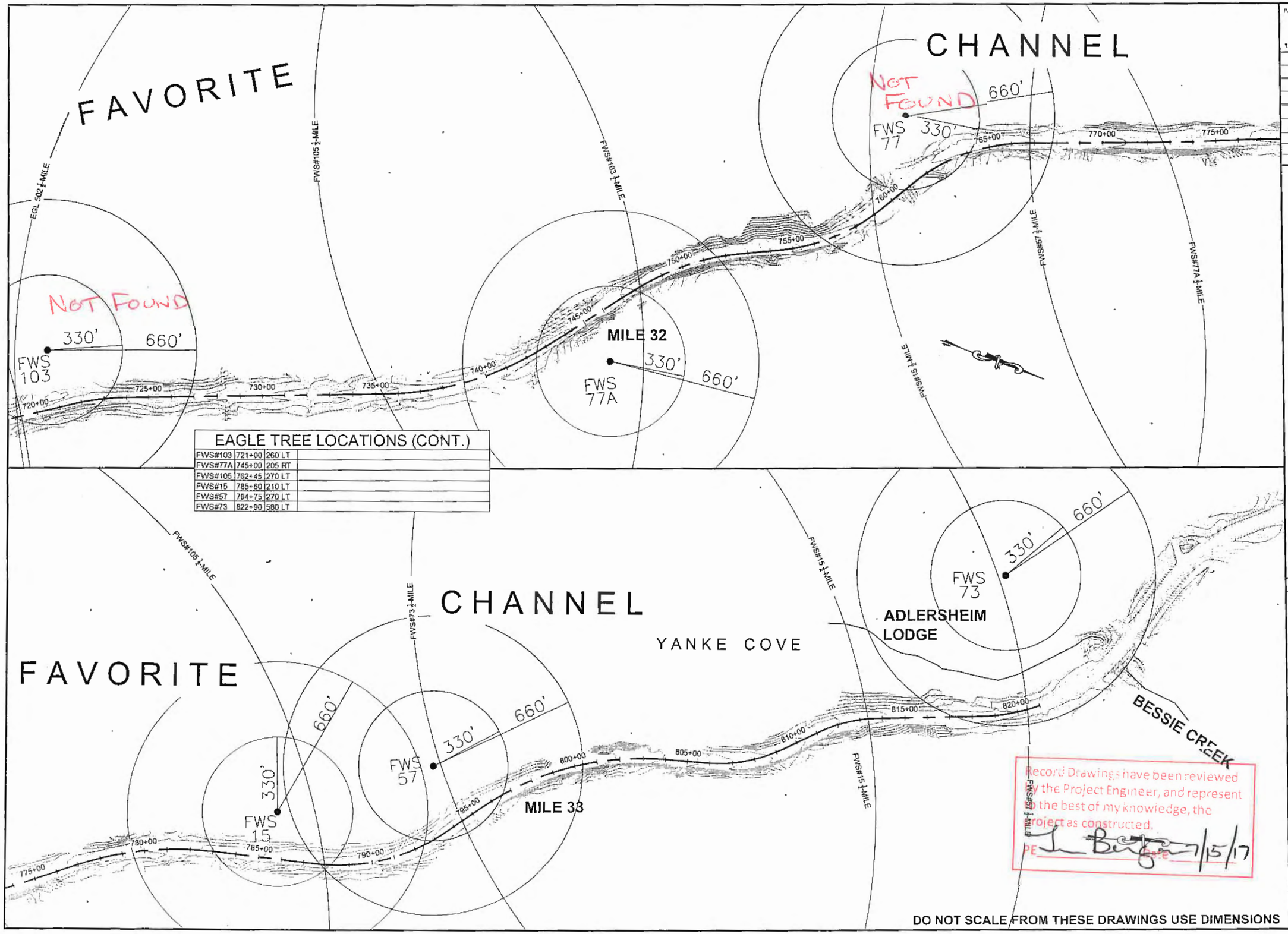
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

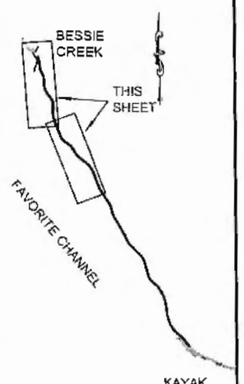
EAGLE TREE LOCATIONS

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A6	73



EAGLE TREE LOCATIONS (CONT.)

FWS#103	721+00	260 LT	
FWS#77A	745+00	205 RT	
FWS#105	762+45	270 LT	
FWS#15	785+60	210 LT	
FWS#57	794+75	270 LT	
FWS#73	822+90	580 LT	



PLAN LEGEND

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ 1/5/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 A6-A7 EAGLE TREES.DWG

WEAVER, JON M (DOT)

TAB: A7

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

EAGLE TREE LOCATIONS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A7	73

TYPICAL SECTION NOTES

1. IT IS THE INTENT OF THIS PROJECT TO INCORPORATE THE EXISTING ROAD INTO THE STRUCTURAL SECTION OF THE NEW ROAD WHERE POSSIBLE. CONSTRUCT 18" OF SELECTED MATERIAL, TYPE A OUTSIDE THE LIMITS OF EXISTING PAVEMENT/CHIP SEAL. CONSTRUCT 18" OF SELECTED MATERIAL, TYPE A TO THE FULL WIDTH IN AREAS WHERE THE FINISHED PROFILE IS GREATER THAN 24" BELOW THE EXISTING PAVEMENT.

2. THE AVERAGE THICKNESS OF EXISTING PAVEMENT IS 3", BUT VARIES IN THICKNESS UP TO 12" IN MAINTENANCE AREAS. SEE THE TEST HOLE DATA IN THE GEOTECHNICAL REPORT FOR KNOWN LOCATIONS OF PAVEMENT THICKNESS. EXISTING PAVEMENT ENDS AT STA 760+00± . BEYOND THAT STATION THE EXISTING ROAD IS CHIP SEALED.

3. ALL NON-BEDROCK CONSTRUCTION SLOPES, EXCEPT THE 1' GRAVEL SHOULDER, SHALL BE TOPSOILED (4" DEPTH) AND SEEDED . BONDED FIBER MATRIX (BFM) SHALL BE USED ON NON- BEDROCK SLOPES STEEPER THAN 4:1.

4. AT THE CONTRACTOR'S OPTION UNSUITABLE MATERIAL AND SUITABLE MATERIAL IN EXCESS OF THAT REQUIRED FOR CONSTRUCTION SHALL BE PLACED IN WASTE FILL LOCATIONS AS SHOWN ON SHEET B6 OR BE HAULED TO AN OFF SITE WASTE AREA APPROVED BY THE ENGINEER. THIS WORK IS CONSIDERED SUBSIDIARY TO OTHER ITEMS OF WORK AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

5. SUPERELEVATIONS ROTATE ABOUT THE CENTERLINE. THE RATES OF SUPERELEVATION AND THE SUPERELEVATION TRANSITION REGIONS ARE GIVEN ON THE PLAN AND PROFILE SHEETS. REFER TO CASE 1 OF STANDARD DRAWING I-81.00 AND THE DETAIL ON SHEET J7 FOR TRANSITION DETAILS.

6. REFER TO FORESLOPE/DITCH MODIFICATION TABLE (THIS SHEET), GUARDRAIL SUMMARY (D1), CULVERT INSTALLATION SUMMARY (D1), AND HILLSIDE INLET DETAIL (J1).

7. FILL SLOPES SHOWN ARE THE STEEPEST THAT MAY BE CONSTRUCTED. FILL SLOPES MAY BE CONSTRUCTED FLATTER WITH APPROVAL OF THE ENGINEER. FILL SLOPES MAY NOT BE CONSTRUCTED FLATTER IN WETLANDS, WITHIN 50 FEET OF STREAMS, OR WITHIN 330 FEET OF AN EAGLE TREE.

8. MAINTAIN POSITIVE DRAINAGE AWAY FROM THE ROAD.

9. WHEN APPROVED BY THE ENGINEER, SELECTED MATERIAL TYPE C MAY BE SUBSTITUTED FOR SELECTED MATERIAL TYPE B GREATER THAN FOUR FEET BELOW THE BOTTOM OF THE PAVEMENT STRUCTURE.

10. WHEN WAQTC FOP FOR AASHTO T 27/ T 11 IS SPECIFIED, METHOD A OR B WILL BE PERFORMED ON ALL CRUSHED AGGREGATE AND ON MATERIAL CONTAINING 3/4" NOMINAL MAXIMUM SIZE AGGREGATE OR LESS. WHEN WAQTC FOP FOR AASHTO T 180 IS SPECIFIED, METHOD D WILL BE PERFORMED UNLESS OTHERWISE STATED.

FORESLOPE / DITCH MODIFICATION TABLE

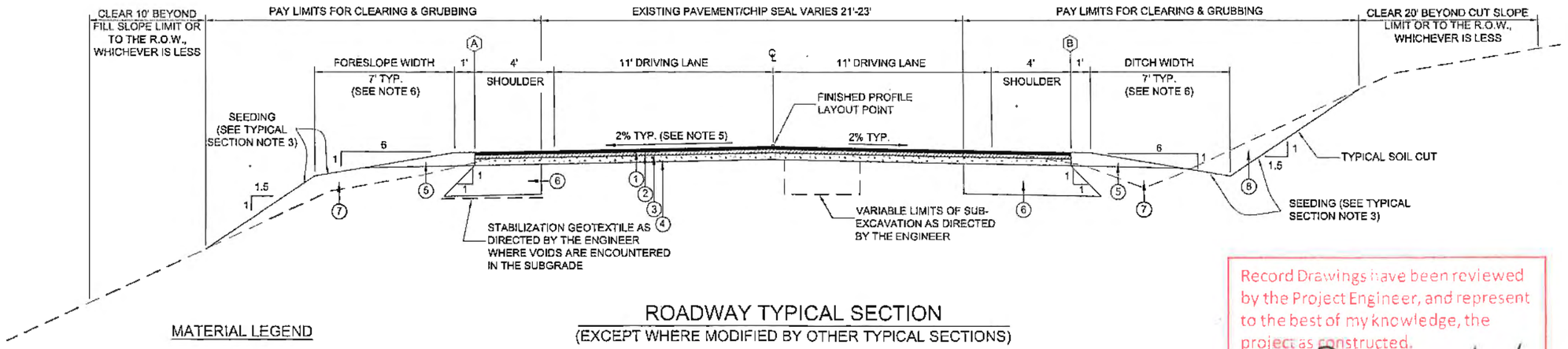
BEGIN TRANSITION	FROM STATION	TO STATION	END TRANSITION	OFFSET	FORESLOPE \ DITCH WIDTH	REMARKS
620+40	620+50	625+00	625+10	LT	19'	SEE SECTION ON B6
652+40	652+50	656+10	656+20	RT	SEE DETAIL (A/B4)	AVOID SOIL CUT UPHILL
656+20	656+70	657+50±		RT	15'	ROCK CATCHMENT, TRANSITION AS NEEDED TO AVOID CUT IN SOIL BEFORE AND TO 0.5:1.
	657+50±	658+50±		RT	15'	0.5:1 ROCK CUT. TRANSITION AS NEEDED TO NEW CULVERT
661+00	661+50	665+00	665+50	RT	15'	ROCK CATCHMENT
668+40	668+90	673+00	673+50	RT	15'	ROCK CATCHMENT
674+50	675+00	676+15	676+65	RT	15'	ROCK CATCHMENT
681+50	682+00	683+00	683+50	RT	15'	ROCK CATCHMENT
684+50	685+00	686+30	686+80	RT	15'	ROCK CATCHMENT
691+50	691+60	692+30	692+40	RT	SEE DETAIL (A/B4)	AVOID SOIL CUT UPHILL. TRANSITION INTO ROCK CUT AT 692+40
694+85	695+35	697+60	698+30	RT	15'	ROCK CATCHMENT
702+40	702+90	706+70	707+30	RT	15'	ROCK CATCHMENT
709+00	709+10	709+90	710+00	RT	SEE DETAIL (A/B4)	AVOID SOIL CUT UPHILL
747+80	748+40	756+20	756+70	RT	19'	ROCK CATCHMENT

FORESLOPE / DITCH MODIFICATION TABLE (CONTINUED)

BEGIN TRANSITION	FROM STATION	TO STATION	END TRANSITION	OFFSET	FORESLOPE \ DITCH WIDTH	REMARKS
760+45	760+95	761+70	762+55	RT	19'	ROCK CATCHMENT
763+85	764+15	766+50	767+00	RT	19'	ROCK CATCHMENT
768+50	769+00	775+25	775+75	RT	29'	ROCK CATCHMENT
781+50	782+00	783+30	783+80	RT	15'	ROCK CATCHMENT
786+05	786+55	790+40	790+90	RT	15'	ROCK CATCHMENT
795+55	796+05	800+50		RT	19'	ROCK CATCHMENT
	800+50	801+50		RT	19'	0.5:1 ROCK CUT. TRANSITION AS NEEDED 50'±
	801+50	807+00	807+50	RT	19'	ROCK CATCHMENT

NEW TYPICAL B1A.

CLEARING AT CURVES ADDITIONAL 10 FEET CHANGE ORDER 12



ROADWAY TYPICAL SECTION
(EXCEPT WHERE MODIFIED BY OTHER TYPICAL SECTIONS)

MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II; CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. 2" ATB
4. 4" CRUSHED ASPHALT BASE COURSE
5. 8" SUBBASE, GRADING C
6. 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
- X REFERENCE POINT FOR PARTIAL SECTIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J Bey Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 B1-B6 TYPICALS.DWG

WEAVER, JON M (DOT)

TAB: B1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

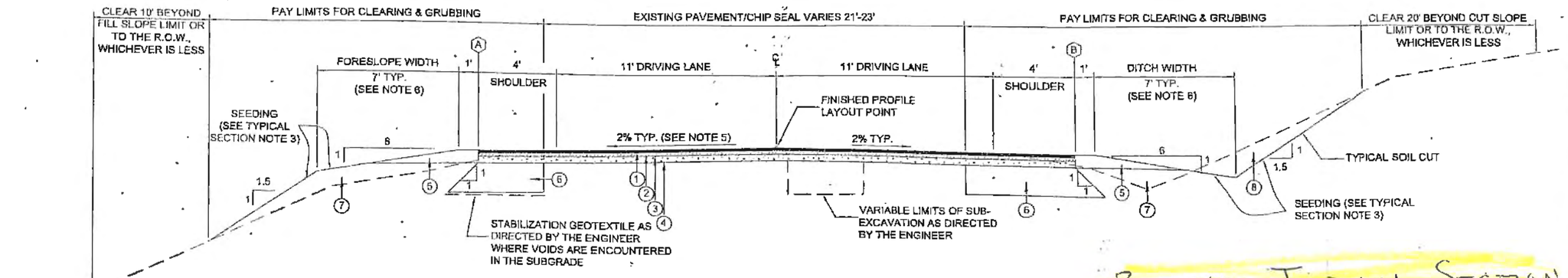
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

TYPICAL SECTION

PROJECT DESIGNATION
ACIM-093-3(28) / 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B1	73



PLANNED TYPICAL SECTION

ROADWAY TYPICAL SECTION
(EXCEPT WHERE MODIFIED BY OTHER TYPICAL SECTIONS)

MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II; CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. 2" ATB
4. 4" CRUSHED ASPHALT BASE COURSE
5. 8" SUBBASE, GRADING C
6. 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
- (X) REFERENCE POINT FOR PARTIAL SECTIONS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9513 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

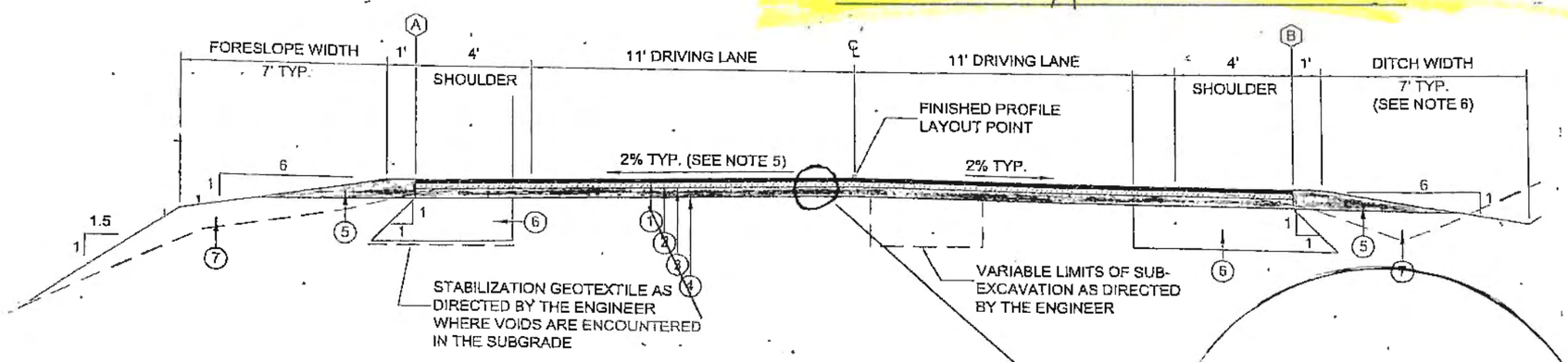
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

TYPICAL SECTION

PROJECT DESIGNATION
ACIM-093-3(28) / 67526

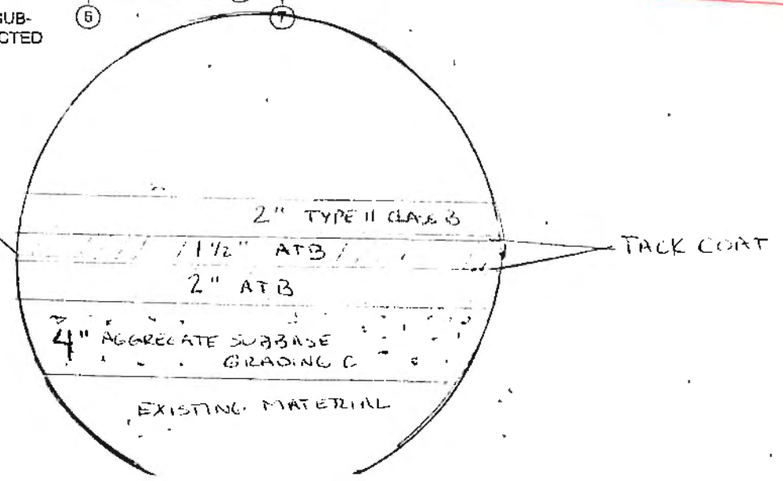
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B1	73

NEW TYPICAL SECTION



MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II; CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. 2" ATB ~~1½" ATB~~ + ~~3½" ATB~~
4. ~~4" CRUSHED ASPHALT BASE COURSE~~
5. ~~8" SUBBASE, GRADING C~~ SUBBASE GRADING C
6. ~~18"~~ USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
- (X) REFERENCE POINT FOR PARTIAL SECTIONS



NEW PLANSHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

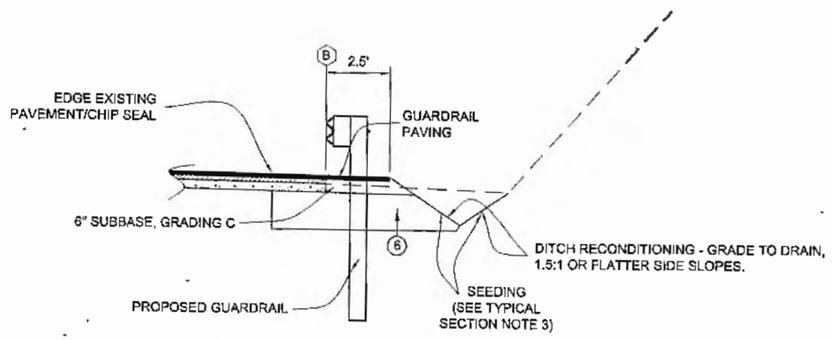
PE [signature] Date 7/15/17

GUARDRAIL NOTES

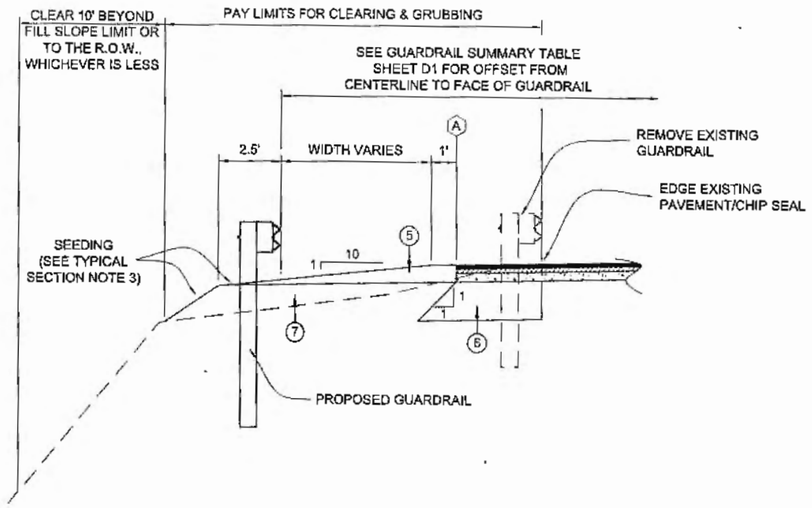
1. GUARDRAIL POSTS SHALL BE 8' MINIMUM.
2. REFER TO G SERIES STANDARD DRAWINGS FOR GUARDRAIL DETAILS.
3. NEW GUARDRAIL INSTALLATION SHALL BE CONSTRUCTED AFTER ROADWAY PAVING IS COMPLETED.
4. SEE GUARDRAIL SUMMARY ON SHEET D1 FOR GUARDRAIL LOCATIONS.
5. PORTIONS OF THE ROADWAY ARE BUILT ON BEDROCK AND LARGE SHOT ROCK. SOLID ROCK AND LARGE SHOT ROCK MAY BE ENCOUNTERED WHILE INSTALLING GUARDRAIL POSTS. SPECIAL EQUIPMENT AND DRILLING MAY BE REQUIRED TO ACHIEVE REQUIRED PENETRATION FOR INSTALLING GUARDRAIL POSTS.

MATERIAL LEGEND

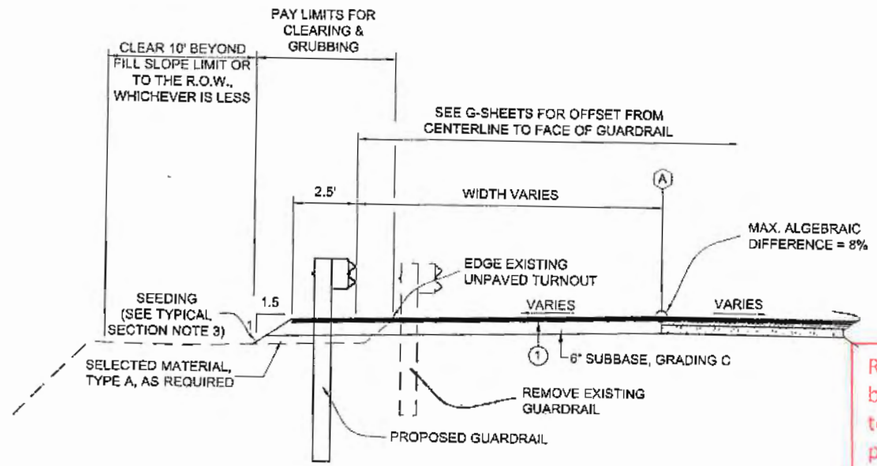
(1) 2" ASPHALT CONCRETE, TYPE II; CLASS B
(2) STE-1 ASPHALT FOR TACK COAT
(3) 2" ATB
(4) 4" CRUSHED ASPHALT BASE COURSE
(5) 8" SUBBASE, GRADING C
(6) 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
(7) USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
(8) UNCLASSIFIED EXCAVATION
(9) ROCK EXCAVATION
(X) REFERENCE POINT FOR PARTIAL SECTIONS



15' RIGHT GUARDRAIL OFFSET
BOP TO 605+14

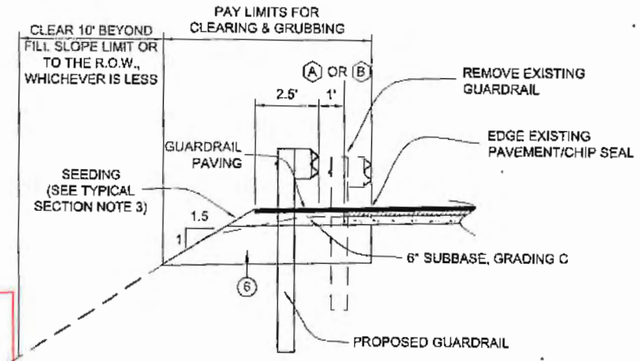


GUARDRAIL TYPICAL
(FOR ALL GUARDRAIL EXCEPT GUARDRAIL MARKED WITH A 16' OFFSET OR TURNOUTS)



ROADSIDE PULLOUT TYPICAL SECTION
702+40 TO 705+80
752+75 TO 754+88
758+00 TO 763+00

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE L Burger Date 7/15/17



16' GUARDRAIL OFFSET
TYPICAL SECTION

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 B1-B6 TYPICALS.DWG

WEAVER, JON M (DOT)
TAB: B2

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

GUARDRAIL SECTIONS

PROJECT DESIGNATION	
ACIM-093-3(28) / 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B2	73

THIS SHEET WAS ACCURATELY DEPICTED IN THE FIELD :)

TALUS EXCAVATION NOTES

1. THE AREA FROM APPROXIMATELY STA 640+00 TO STA 646+00 WILL REQUIRE SPECIAL EXCAVATION METHODS. TALUS RANGING FROM 3' TO GREATER THAN 30' IN DIAMETER IS FOUND ON THE RIGHT SLOPE. THE LEFT SLOPE CONSISTS OF OVERSTEEPEND CONSTRUCTION SIDECAST OVER TALUS. GLACIALLY POLISHED BEDROCK IS LOCATED BELOW THE SURFACE AT DEPTHS RANGING FROM 5' NEAR STA 640+60 TO 45' NEAR STA 646+00. REFER TO THE ENGINEERING GEOLOGY REPORT IN APPENDIX E OF THE SPECIFICATIONS.

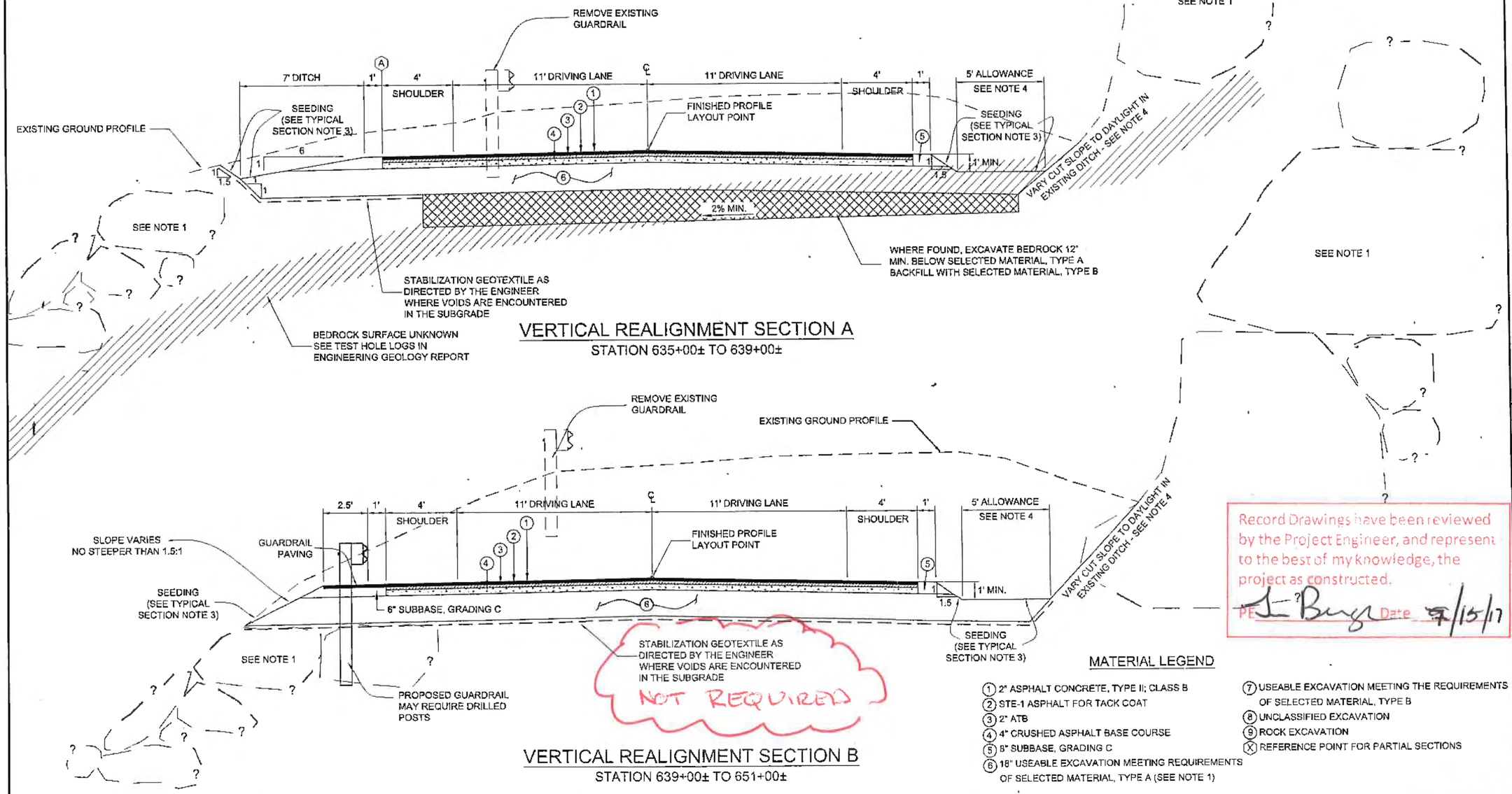
2. PORTIONS OF THE ROADWAY ARE BUILT ON BEDROCK AND LARGE SHOT ROCK. SOLID ROCK AND LARGE SHOT ROCK MAY BE ENCOUNTERED WHILE INSTALLING GUARDRAIL POSTS. SPECIAL EQUIPMENT AND DRILLING MAY BE REQUIRED TO ACHIEVE REQUIRED PENETRATION FOR INSTALLING GUARDRAIL POSTS.

3. AFTER EXCAVATION AND WHERE VOIDS ARE UNCOVERED IN THE SUBGRADE, CLOSE OFF THE VOIDS USING CLASS 1+ STABILIZATION GEOTEXTILE AND BACKFILL WITH SELECTED MATERIAL, TYPE A AS SHOWN.

4. EXCAVATION LIMITS FOR TALUS DEPOSITS WILL VARY AND WILL NOT BE A NEAT LINE. BACKSLOPES SHOULD BE PLANNED AT A SLOPE OF 1:1 OR FLATTER, WITH A 5' ALLOWANCE FOR IRREGULAR SHAPED, BLOCKY TALUS. THE SLOPE SHALL DAYLIGHT IN THE EXISTING DITCH.

   CUTS IN INDIVIDUAL MEGA BOULDERS CAN BE MADE AT 0.25:1. CUTS IN SLOPES OF MULTIPLE STACKED BOULDERS SHOULD BE MADE AT NO STEEPER THAN 1:1. IF CUTS OF 1:1 CAN NOT BE MADE THE ENGINEER WILL CONSULT DEPARTMENT GEOTECHNICAL STAFF FOR STABILIZATION METHODS.

   MINIMIZE IMPACTS TO OVERALL SLOPE STABILITY. OVERHANGS WILL NOT BE PERMITTED. INFORM THE PROJECT ENGINEER WHO WILL CONTACT DEPARTMENT GEOTECHNICAL STAFF FOR SLOPE STABILITY QUESTIONS.



VERTICAL REALIGNMENT SECTION A
STATION 635+00± TO 639+00±

VERTICAL REALIGNMENT SECTION B
STATION 639+00± TO 651+00±

MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II; CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. 2" ATB
4. 4" CRUSHED ASPHALT BASE COURSE
5. 6" SUBBASE, GRADING C
6. 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
X. REFERENCE POINT FOR PARTIAL SECTIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE ? Burgh Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 B1-B6 TYPICALS.DWG

WEAVER, JON M (DOT)

TAB: B3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER Charles M. Tripp CE-9613 — 1/23/11

DESIGNED BY: T. FAGNANT / J. WEAVER

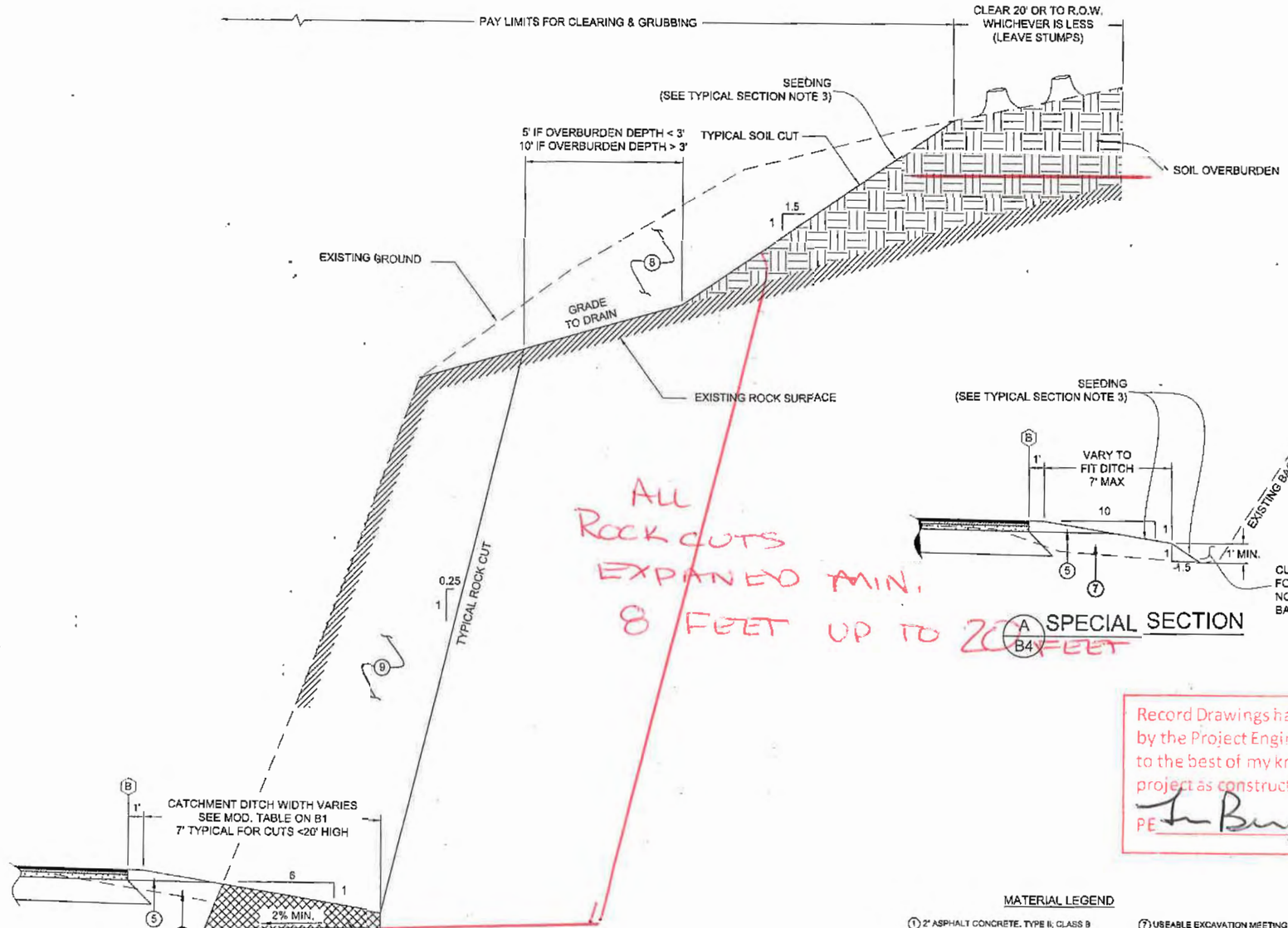
DRAWN BY: T. FAGNANT / J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SPECIAL SECTIONS

PROJECT DESIGNATION	
ACIM-093-3(28) / 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B3	73



ROCK CUT
TYPICAL SECTION

A
B4 SPECIAL SECTION

ALL ROCK CUTS EXPANDED MIN. 8 FEET UP TO 20 FEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 07/15/17

MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II, CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. 2" ATB
4. 4" CRUSHED ASPHALT BASE COURSE
5. 8" SUBBASE, GRADING C
6. 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
- X REFERENCE POINT FOR PARTIAL SECTIONS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 B1-B6 TYPICALS.DWG

WEAVER, JON M (DOT)
TAB: B4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP 6/23/11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

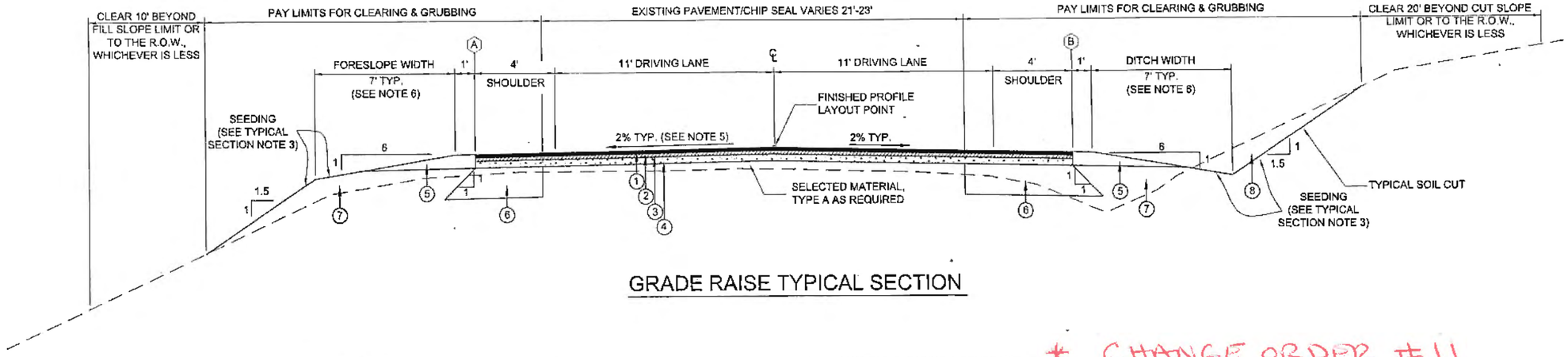
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SPECIAL SECTIONS

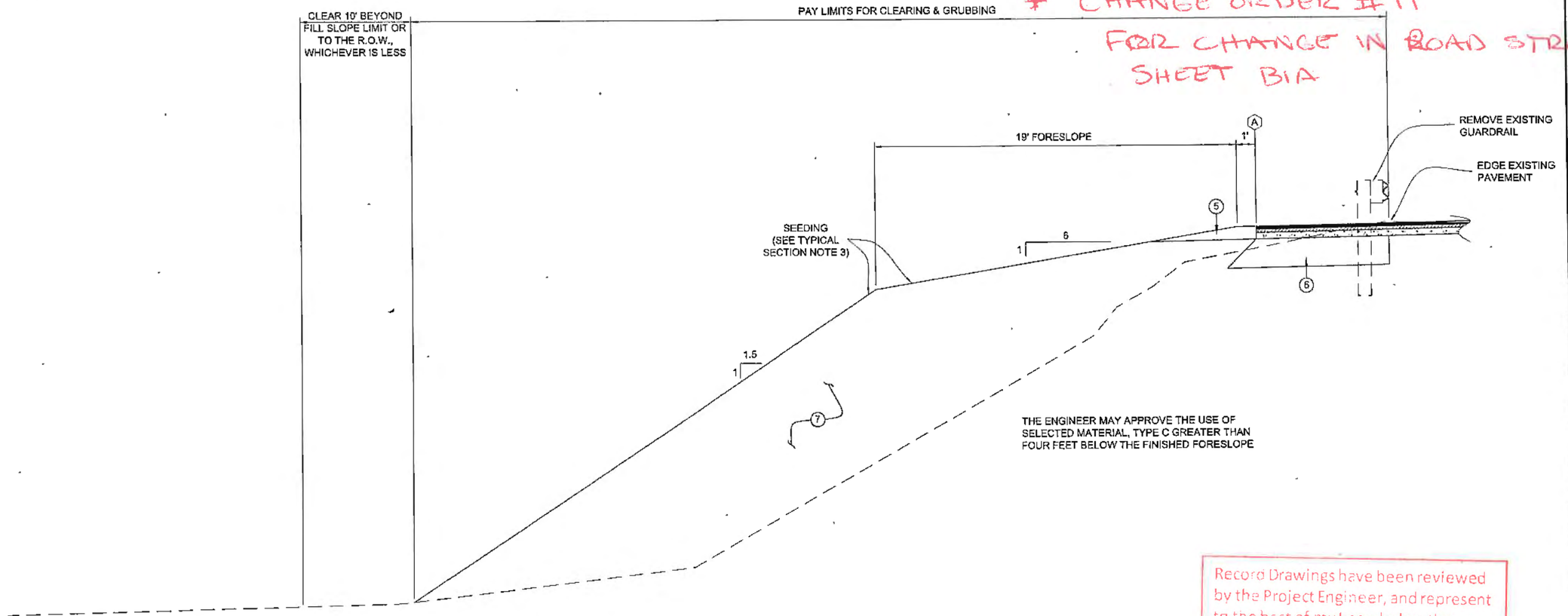
PROJECT DESIGNATION
ACIM-093-3(28) / 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B4	73



GRADE RAISE TYPICAL SECTION

* CHANGE ORDER #11
FOR CHANGE IN ROAD STRUCTURE
SHEET B1A



WIDENED FORESLOPE SECTION

STA 620+50 TO STA 625+00

MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II; CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. ~~2" ATB~~ 3 1/2" ATB
4. 4" CRUSHED ASPHALT BASE COURSE
5. 8" SUBBASE, GRADING C
6. 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
X. REFERENCE POINT FOR PARTIAL SECTIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 B1-B5 TYPICALS.DWG

WEAVER, JON M (DOT)
TAB: B5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

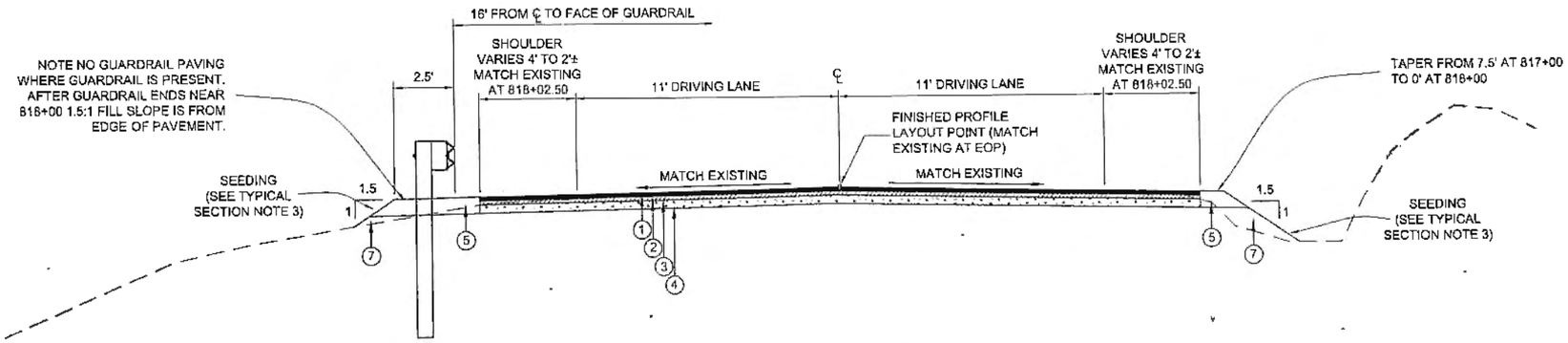
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SPECIAL SECTIONS

PROJECT DESIGNATION
ACIM-093-3(28) / 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B5	73



TEMPORARY CONNECTION

817+00 TO 821+00

NOTE: RECESSED PAVEMENT MARKERS ARE NOT TO BE INSTALLED IN THE TEMPORARY CONNECTION

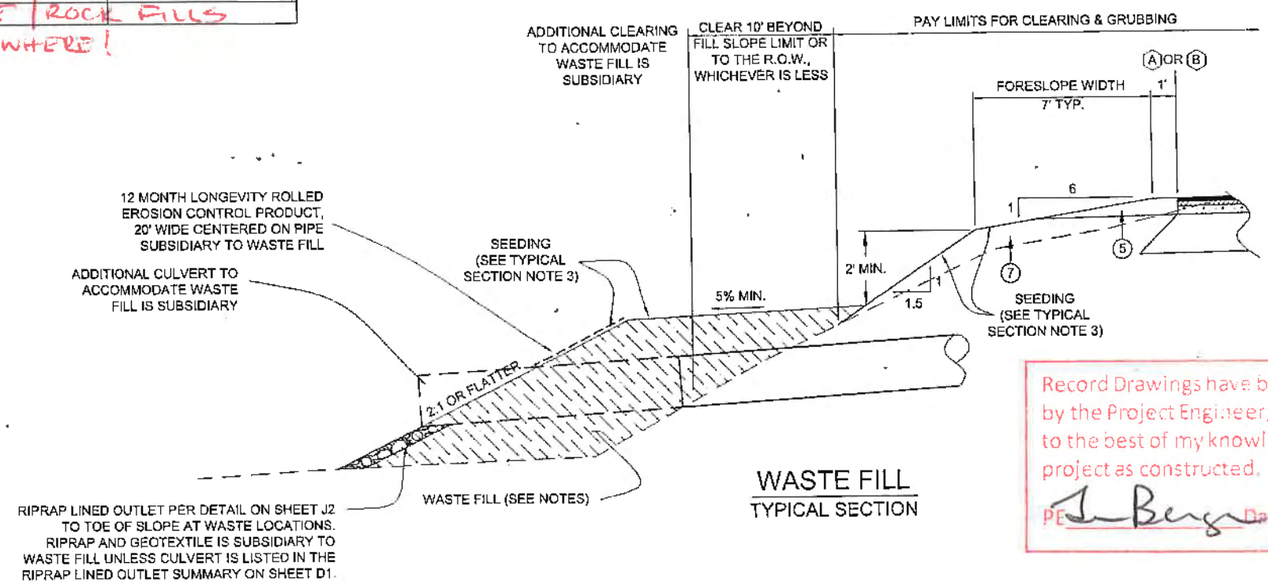
WASTE FILL LOCATIONS

FROM STATION	TO STATION	OFFSET	APPROXIMATE VOLUME (CY)	REMARKS
617+00	618+50	LT	850	
626+50	628+50	LT	500	
632+00	635+00	LT	4000	
687+00	693+00	LT	400	
713+00	717+00	LT	4700	

ADD WASTE ROCK FILLS EVERYWHERE!

WASTE FILL NOTES

1. WASTE FILL IS PROHIBITED IN WETLANDS AND WATERS OF THE UNITED STATES, WITHIN 50 FEET OF STREAMS, AND WITHIN 330 FEET OF AN EAGLE TREE.
2. MAINTAIN A MINIMUM 10 FEET BUFFER FROM THE TOE OF WASTE FILL TO THE RIGHT OF WAY.
3. LEAVE AN UNDISTURBED BUFFER OF 50 FEET FROM THE TOP BANK OF ANY STREAM CHANNELS TO THE TOE OF THE WASTE SLOPE. DO NOT EXCEED 2:1 ON THE SLOPES THAT ABUT THE STREAM BUFFER.
4. WASTE FILL LOCATIONS ARE IDENTIFIED IN THE TABLE ON THIS SHEET. THE CONTRACTOR MAY PROPOSE OTHER LOCATIONS SUBJECT TO APPROVAL BY THE ENGINEER. ALL WORK RELATED TO WASTE FILL IS SUBSIDIARY.
5. WASTE FILL LOCATIONS ARE NOT MANDATORY. EXCAVATION NOT INCORPORATED INTO THE PROJECT OR PLACED IN WASTE SITES SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE. SEE SECTION 107-1.11 OF THE SPECIFICATIONS FOR OFFSITE DISPOSAL AREA REQUIREMENTS.
6. GRADE WASTE AREAS TO DRAIN AWAY FROM THE ROADWAY.
7. BENCH EXISTING SLOPES AS REQUIRED TO CONSTRUCT THE TYPICAL SECTION. BENCHING FOR WASTE FILL IS NOT REQUIRED.
8. TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AT WASTE SITES ARE SUBSIDIARY.
9. WOODY DEBRIS NOT DISPOSED OF IN WASTE SITES SHALL BE BURNED IN APPROVED LOCATIONS WITHIN THE RIGHT OF WAY OR DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE. CONTRACTORS SHALL ABIDE BY ALL APPLICABLE STATE, CBJ, AND FOREST SERVICE FIRE REGULATIONS.



WASTE FILL
TYPICAL SECTION

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE [signature] Date 7/15/17

MATERIAL LEGEND

1. 2" ASPHALT CONCRETE, TYPE II; CLASS B
2. STE-1 ASPHALT FOR TACK COAT
3. 2" ATB
4. 4" CRUSHED ASPHALT BASE COURSE
5. 8" SUBBASE, GRADING C
6. 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1)
7. USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B
8. UNCLASSIFIED EXCAVATION
9. ROCK EXCAVATION
- X REFERENCE POINT FOR PARTIAL SECTIONS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 B1-B6 TYPICALS.DWG

WEAVER, JON M (DOT)

TAB: B6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

CHECKED BY: C TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

SPECIAL SECTIONS

PROJECT DESIGNATION
ACIM-093-3(28) / 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B6	73

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	PAY UNIT	QUANTITY
~~201 (1A)~~	~~CLEARING~~	~~ACRE~~	~~14~~
201 (3A)	CLEARING AND GRUBBING	ACRE	18
~~201 (6)~~	~~SELECTIVE TREE REMOVAL~~	~~EACH~~	34
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQUIRED
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~40,000~~
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	~~3,155~~
~~203 (2)~~	~~ROCK EXCAVATION~~	~~CUBIC YARD~~	~~126,650~~
~~203 (3)~~	~~UNCLASSIFIED EXCAVATION~~	~~CUBIC YARD~~	~~31,000~~
~~203 (10)~~	~~CONTROLLED BLASTING~~	~~LINEAR FOOT~~	~~124,000~~
203 (12)	DRAIN HOLES	LINEAR FOOT	~~12,600~~
203 (13)	STABILIZATION - ROCK BOLT	EACH	~~25~~
203 (14)	STABILIZATION - ROCK DOWL	EACH	~~80~~
203 (19)	CONTROL OF INVASIVE PLANTS	LUMP SUM	ALL REQUIRED
303 (3)	DITCH RECONDITIONING	LINEAR FOOT	1,275
~~304 (4)~~	~~SUBBASE, GRADIN~~	~~TON~~	7,700
306 (1)	ATB	TON	8,640
~~308 (1)~~	~~CRUSHED ASPHALT BASE COURSE~~	~~SQUARE YARD~~	~~72,000~~
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	TON	505
~~308 (3)~~	~~PORTLAND CEMENT~~	~~TON~~	~~162~~
~~308 (4)~~	~~AGGREGATE FOR GABG~~	~~TON~~	~~9,000~~
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	9,350
401 (2)	ASPHALT CEMENT, PG 58-28	TON	950
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401 (10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	~~30~~
603 (1-24)	24 INCH CSP	LINEAR FOOT	~~291~~
603 (9-60)	60 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	~~155~~
603 (9-72)	72 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	~~107~~
603 (10-49x33)	49 x 33 INCH CORRUGATED ALUMINUM PIPE ARCH	LINEAR FOOT	72
603 (17-24)	24 INCH PIPE	LINEAR FOOT	~~2,094~~
603 (17-36)	36 INCH PIPE	LINEAR FOOT	521
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	13,720
606 (5)	REMOVING AND RECONSTRUCTING GUARDRAIL	LINEAR FOOT	~~80~~
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	14,042
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	~~18~~
611 (1-I)	RIPRAP, CLASS 1	CUBIC YARD	~~50~~
615 (1)	STANDARD SIGN	SQUARE FOOT	91.5
615 (5)	DELINEATOR, FLEXIBLE	EACH	~~94~~
615 (6)	SALVAGE SIGN	EACH	~~20~~
618 (2)	SEEDING	POUND	355
619 (3)	BONDED FIBER MATRIX (BFM)	POUND	18,000
620 (1)	TOPSOIL	SQUARE YARD	~~44,458~~
630 (2)	GEOTEXTILE, STABILIZATION	SQUARE YARD	6,930
633 (1)	SILT FENCE	LINEAR FOOT	~~416~~
633 (2)	SEDIMENT BARRIER	LINEAR FOOT	~~4,650~~
637 (1)	ROCK CHECK DAM	EACH	~~167~~
639 (2)	COMMERCIAL DRIVEWAY	EACH	1
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
641 (1)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
~~642 (3)~~	~~THREE PERSON SURVEY PARTY~~	~~HOUR~~	100
642 (4)	SET PRIMARY MONUMENT	EACH	~~26~~
642 (10)	MONUMENT CASE	EACH	~~26~~
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643 (14)	INTERIM PAVEMENT MARKING	STATION	~~248.1~~
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
645 (1)	TRAINING PROGRAM, 2 TRAINEES/APPRENTICES	LABOR HOUR	925
646 (1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
670 (8)	RECESSED PAVEMENT MARKER	EACH	~~398~~
670 (10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE

ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTOR
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	SEE SUMMARY ON D2
306 (1)	ATB	120 LB/SY PER INCH DEPTH
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	1.7 GAL/SY; 243 GAL/TON
308 (3)	PORTLAND CEMENT	4.5 LB/SY
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	120 LB/SY PER INCH DEPTH
401 (2)	ASPHALT CEMENT, PG 58-28	4.5% OF ITEM 306 (1), 6% OF ITEM 401 (1)
402 (1)	STE-1 ASPHALT FOR TACK COAT	0.1 GAL/SY, 243 GAL/TON
619 (3)	BONDED FIBER MATRIX (BFM)	4,000 LB/ACRE
670 (10)	METHYL METHACRYLATE PAVEMENT MARKINGS	21,670 LF OF DOUBLE YELLOW 43,340 LF OF SINGLE WHITE

NEW ITEMS ADDED BY CHANGE ORDER

105(1)	Excavation Claim Settlement (CO#12)	Lump Sum	$	390,896.00	All Req'd	$ 390,896.00
201 (1B)	Clearing Lump Sum (CO#12)	Lump Sum	$	176,000.00	All Req'd	$ 176,000.00
201 (3B)	Clearing & Grubbing Lump Sum (CO#12)	Lump Sum	$	258,000.00	All Req'd	$ 258,000.00
201(6B)	Selective Tree Removal Lump Sum (CO#12)	Lump Sum	$	15,000.00	All Req'd	$ 15,000.00
201(7)	Salvage Forest Service Trees (CO #2)	Truck Load	$	650.00	60	$ 39,000.00
203(2A)	Rock Excavation Lump Sum (CO#12)	Lump Sum	$	3,150,000.00	All Req'd	$ 3,150,000.00
203(2B)	Rock Excavation Over 125% (CO #12)	Lump Sum	$	206,750.00	All Req'd	$ 206,750.00
203(3B)	Unclassified Excavation Lump Sum (CO #12)	Lump Sum	$	374,000.00	All Req'd	$ 374,000.00
203(10A)	Control Blasting Adjustment (CO #13)	Lump Sum	$	17,935.71	All Req'd	$ 17,935.71
203(11)	Eagle Disturbance Blasting Delay (CO #14)	Lump Sum	$	4,173.24	All Req'd	$ 4,173.24
203(20)	Blasting Consultant Services (CO #4)	Contingent Sum	$	8,197.67	All Req'd	$ 8,197.67
304(4)	Aggregate Subbase, Grading C (CO #11)	Lump Sum	$	353,812.40	All Req'd	$ 353,812.40
304(5)	Subbase Grading Non Conformaning Gradation Price Reduction (CO #11)	Lump Sum	$	(7,076.25)	All Req'd	$ (7,076.25)
606(1A)	Winter Guardrail Installation (CO #7)	Lump Sum	$	8,530.05	All Req'd	$ 8,530.05
615(1A)	Temp. Speed Reduction Signs (CO #6)	Lump Sum	$	4,650.00	All Req'd	$ 4,650.00
642(3)	3-Person Party Survey Lump Sum (CO #12)	Lump Sum	$	31,800.00	All Req'd	$ 31,800.00
643(29)	Winter Maintenance - Snow Plowing (CO #5)	Each Event	$	400.00	9	$ 3,600.00
644(1)	Contractor Vehicles (CO #3)	Each/Month	$	1,125.00	33.500	$ 37,687.50
		New Items by Change Order Total:				**$5,072,956.32**

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Jim Berger Date 7/15/17

PATH:Q:\JUNU67526\PLANSET\C3D PLANSET\67526 C1 ESTIMATE.DWG

WEAVER, JON M (DOT)
TAB: C1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C TRIPP

7-14-11

STATE OF ALASKA 49th Charles M. Tripp Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESTIMATE OF QUANTITIES

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
C1	73

606(6) REMOVING AND DISPOSING OF GUARDRAIL SUMMARY

BEGIN		END		REMARKS
STA	OFFSET	STA	OFFSET	
604+30	LT	612+33	LT	801 L.F.
620+73	LT	627+85	LT	712 L.F.
637+57	LT	657+54	LT	1999 L.F.
665+62	LT	714+40	LT	4861 L.F.
723+03	LT	727+63	LT	462 L.F.
740+20	LT	767+60	LT	2762 L.F.
791+09	RT	794+78	RT	375 L.F.
796+40	LT	816+81	LT	2050 L.F.

606(5) REMOVING AND RECONSTRUCTING GUARDRAIL SUMMARY

BEGIN		END		REMARKS
STA	OFFSET (FT)	STA	OFFSET (FT)	
604+30	15 RT	605+14	15 RT	REMOVE AND RECONSTRUCT EXISTING GUARDRAIL TO 15 RT

NOT REQUIRED

606(1) W-BEAM GUARDRAIL SUMMARY

BEGIN		END		REMARKS
STA	OFFSET (FT)	STA	OFFSET (FT)	
604+30	15 LT	604+54	16 LT	CONNECT TO EXISTING AT 604+30
604+54	16 LT	609+25	16 LT	
609+25	16 LT	610+93	23 LT	TRANSITION FROM 16 LT TO 23 LT
610+93	23 LT	612+50	23 LT	
612+50	23 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
625+00	16 LT	628+65	16 LT	
628+65	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
639+00	16 LT	659+65	16 LT	
659+65	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
666+75	16 LT	687+65	16 LT	
687+65	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
693+35	20 LT	697+36	20 LT	
697+36	20 LT	698+00	16 LT	TRANSITION FROM 20 LT TO 16 LT
698+00	16 LT	702+40	16 LT	
702+40		705+80		SEE TURNOUT LAYOUT ON SHEET G1
705+80	16 LT	714+65	16 LT	
714+65	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
717+10	16 LT	720+00	16 LT	
720+00	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
723+00	16 LT	728+45	16 LT	
728+45	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
740+30	16 LT	745+00	16 LT	
745+00	16 LT	746+75	20 LT	TRANSITION FROM 16 LT TO 20 LT
746+75	23 LT	753+00	20 LT	
752+75		754+88		SEE TURNOUT LAYOUT ON SHEET G1
754+88	23 LT	756+00	16 LT	TRANSITION FROM 23 LT TO 16 LT
756+00	16 LT	758+00	16 LT	
758+00		763+00		SEE TURNOUT LAYOUT ON SHEET G2
763+00	23 LT	767+30	23 LT	
767+30	23 LT	37.5' PARALLEL GUARDRAIL TERMINAL		
790+37.5	16 RT	37.5' PARALLEL GUARDRAIL TERMINAL		
790+37.5	16 RT	795+30	16 RT	
790+00	16 LT	817+65	16 LT	
817+65	16 LT	37.5' PARALLEL GUARDRAIL TERMINAL		

202(4) CULVERT REMOVAL SUMMARY

PIPE	SIZE	LENGTH (FT)	APPROX. DEPTH AT CL (FT)	REMARKS
P-168	18"	51	6	
P-169	36"	65	8	
P-170	18"	51	5	
P-171	18"	65	9	
P-172	24"	74	8	
P-173	24"	70	11	
P-174	24"	59	6	
P-175	18"	55	4	
P-176	18"	57	9	
P-177	18"	62	9	
P-178	24"	75	12	
P-179	18"	92	14	
P-180	18"	58	5	
P-181	18"	53	5	
P-182	18"	57	6	
P-183	48"	61	9	
P-184	18"	61	9	
P-185	18"	67	11	
P-186	18"	55	6	
P-187	18"	60	5	
P-188	24"	72	10	
P-189	24"	95	20	
P-190	24"	64	8	
P-191	36"	61	7	
P-192	18"	69	3	
P-193	18"	64	9	
P-194	18"	64	7	
P-195	18"	64	7	
P-196	18"	52	6	
P-197	18"	55	5	
P-198	18"	68	8	
P-199	30"	63	5	
P-200	36"x42"	54	6	
P-201	18"	66	6	
P-202	48"	67	13	
P-203	18"	60	6	
P-204	24"	86	16	
P-205	24"	86	17	
P-206	48"	77	9	
P-207	18"	64	9	
P-208	24"	50	5	
P-209	24"	57	6	
P-209A	24"	66	UNKNOWN	NOT FOUND DURING SURVEY. LOCATION MAY VARY +/-20'.
P-210	24"	84	16	
P-211	24"	50	6	
P-212	24"	55	5	
P-213	24"	EXISTING TO REMAIN		
P-214	36"	EXISTING TO REMAIN		
P-214A	30"	56	UNKNOWN	NOT FOUND DURING SURVEY. LOCATION MAY VARY +/-20' FROM PROPOSED P-214A
P-215	24"	59	4	
P-216	24"	77	11	
P-217	36"	EXISTING TO REMAIN		

603 CULVERT INSTALLATION SUMMARY

PIPE	INLET			OUTLET			LENGTH (FT)	SIZE	REMARKS
	STATION	OFFSET (FT)	INVERT ELEV.	STATION	OFFSET (FT)	INVERT ELEV.			
P-166	609+03.4	25.1 RT	96.1	609+99.6	35.8 LT	85.2	62.0	24"	
P-169	612+10.6	27.5 RT	109.3	612+02.8	50.1 LT	95.6	79.2	36"	
P-170	614+28.5	27.4 RT	117.3	614+30.6	32.0 LT	114.7	59.5	24"	
P-171	618+13.9	31.5 RT	125.3	617+93.5	44.2 LT	116.4	78.9	24"	
P-172	624+38.6	25.6 RT	126.4	624+41.3	62.1 LT	110.7	89.1	24"	
P-173	626+68.6	26.0 RT	124.6	626+58.9	44.3 LT	109.6	72.6	24"	
P-174	635+45.1	27.3 RT	115.3	635+45.7	32.6 LT	112.5	60.0	24"	
P-175	639+74.2	20.4 RT	108.9	639+68.8	37.0 LT	105.6	57.8	24"	CORRUGATED STEEL PIPE
P-176	643+34.8	20.0 RT	104.6	643+35.4	30.5 LT	99.8	50.8	24"	CORRUGATED STEEL PIPE
P-177	647+92.3	36.5 RT	109.2	647+96.1	24.9 LT	106.7	61.6	24"	
P-178	650+58.0	37.1 RT	111.2	650+76.4	34.7 LT	99.9	75.1	24"	
P-179	651+34.3	40.3 RT	110.6	651+58.5	47.4 LT	97.2	91.9	24"	
P-180	658+97.3	28.4 RT	131.1	658+98.4	36.2 LT	127.9	64.7	24"	
P-181	667+53.4	REMOVE EXISTING PIPE, DO NOT REPLACE							
P-182	668+34.8	26.2 RT	148.2	668+31.3	33.0 LT	140.0	59.8	24"	
P-183	674+42.0	30.6 RT	139.72	674+28.5	45.0 LT	136.65	76.8	60"	CORRUGATED ALUMINUM PIPE
P-184	678+75.5	27.0 RT	139.6	678+82.9	41.2 LT	125.5	70.1	24"	
P-185	683+35.3	25.3 RT	140.7	683+56.3	43.4 LT	129.0	72.9	24"	
P-186	686+32.9	26.8 RT	139.9	686+40.2	34.5 LT	134.2	62.0	24"	
P-187	696+44.5	28.4 RT	97.1	696+41.3	41.5 LT	94.9	70.0	24"	
P-188	698+66.4	30.3 RT	84.8	698+72.5	45.4 LT	74.3	76.7	24"	
P-189	699+95.1	43.1 RT	73.4	700+21.8	51.1 LT	63.8	98.4	36"	
P-190	701+11.7	28.3 RT	83.4	700+90.6	39.2 LT	74.9	71.3	24"	
P-191	708+29.3	27.9 RT	79.4	708+27.6	40.6 LT	72.8	68.9	36"	
P-192	710+42.1	25.7 RT	77.7	710+42.7	41.9 LT	72.2	67.7	24"	CORRUGATED STEEL PIPE
P-193	713+93.2	28.6 RT	66.1	713+75.0	39.6 LT	59.1	71.2	24"	
P-194	716+04.7	29.6 RT	63.5	716+02.6	38.9 LT	59.0	68.7	24"	
P-195	717+00.6	27.5 RT	63.8	716+97.5	41.8 LT	55.8	69.8	24"	
P-196	718+54.5	26.6 RT	64.5	718+57.9	33.9 LT	58.3	60.9	24"	
P-197	722+24.0	23.2 RT	66.0	722+10.0	36.4 LT	65.5	61.2	24"	
P-198	725+44.9	28.4 RT	70.1	725+47.3	39.3 LT	63.4	68.1	24"	
P-199	728+35.7	29.1 RT	77.3	728+21.3	44.4 LT	75.2	74.9	36"	
P-200	732+08.8	31.0 RT	91.4	731+95.3	39.0 LT	85.4	72.0	49" X 33" CORR. ALUM. PIPE ARCH	
P-201	733+36.8	29.4 RT	98.1	733+51.8	45.5 LT	90.3	76.8	24"	
P-202	741+96.6	38.5 RT	113.53	742+17.5	36.1 LT	108.28	77.6	60"	CORRUGATED ALUMINUM PIPE
P-203	746+41.4	26.7 RT	116.9	746+26.4	44.2 LT	110.2	72.8	24"	
P-204	757+39.7	39.0 RT	102.1	757+36.8	56.5 LT	87.1	96.7	36"	
P-205	758+00.9	37.7 RT	101.0	757+85.6	63.1 LT	84.4	103.2	36"	
P-206	760+42.4	36.6 RT	98.20	760+14.1	66.1 LT	87.61	107.0	72"	CORRUGATED ALUMINUM PIPE
P-207	767+79.0	26.9 RT	105.5	762+62.4	58.3 LT	98.6	87.1	24"	
P-208	774+17.1	28.5 RT	92.4	774+17.0	29.1 LT	92.0	57.6	24"	
P-209	778+25.1	26.8 RT	99.4	778+24.5	38.8 LT	94.5	65.8	24"	
P-209A	780+55	REMOVE EXISTING PIPE, DO NOT REPLACE. NOT FOUND DURING SURVEY. LOCATION MAY VARY +/- 20'							
P-210	784+10.2	35.7 RT	115.8	784+08.1	55.5 LT	105.8	92.8	24"	
P-211	788+18.2	26.7 RT	139.6	788+21.3	36.8 LT	133.7	63.9	24"	
P-212	790+56.5	25.7 RT	148.9	790+59.7	29.1 LT	143.4	55.3	24"	
P-213	EXISTING PIPE TO REMAIN								
P-214	EXISTING PIPE TO REMAIN								
P-214A	801+53.4	25.7 RT	156.9	801+55.1	32.2 LT	154.0	58.3	24"	CORRUGATED STEEL PIPE
P-215	807+45.4	26.3 RT	126.1	807+46.1	29.9 LT	122.0	56.4	24"	CORRUGATED STEEL PIPE
P-216	813+68.2	34.8 RT	85.2	813+63.0	41.5 LT	77.9	76.8	24"	
P-217	EXISTING PIPE TO REMAIN								

RIPRAP LINED OUTLET SUMMARY

PIPE	LENGTH	APPROXIMATE VOLUME
P-166	15	4.75 CY
P-176	22	6.8 CY
P-177	15	4.75 CY
P-182	15	4.75 CY
P-184	15	4.75 CY
P-187	15	4.75 CY
P-194	20	6.3 CY
P-195	18	5.6 CY
P-198	15	4.75 CY
P-198	15	4.75 CY

SEE DETAIL ON SHEET J2

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

ADDED 18" CMP ADJACENT

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 D1-02 SUMMARIES.DWG

WEAVER, JON M (DOT)

TAB: D1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-17

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D1	73

642 (4) SET PRIMARY MONUMENT SUMMARY

STATION	OFFSET
610+00	13' RT
618+30	13' LT
628+00	13' LT
634+00	13' RT
641+70	13' RT
648+30	13' RT
655+20	13' LT
663+00	13' LT
669+30	13' RT
684+00	13' LT
691+00	13' RT
704+00	13' LT
711+80	13' RT
722+80	13' LT
730+80	13' RT
739+20	13' RT
751+00	13' LT
757+10	13' RT
764+20	13' LT
771+85	13' RT
779+80	13' LT
790+35	13' RT
797+00	13' RT
801+35	13' LT
808+00	13' RT
813+00	13' LT

PRIMARY MONUMENT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST THE LOCATIONS IN THE FIELD TO ENSURE EACH MONUMENT HAS CLEAR LINES OF SIGHT TO AT LEAST TWO OTHER MONUMENTS. SEE RECORD OF SURVEY MON.

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	SIGN FACING	NOTES
1	MILE 30	640+22	RT	D10-2	10	27	1.875	2.5 PST	NB	MOUNT HEIGHT =4' TO BOTTOM OF SIGN
2	MILE 30	-	-	D10-2	10	27	1.875	-	SB	MOUNT TO OPPOSITE SIDE OF POST FOR SIGN #1
3	CURVE RIGHT	651+55	RT	W1-2R	30	30	6.25	2.5 PST	NB	
4	50 MPH	-	-	W13-1	24	24	4	-	NB	MOUNT BELOW SIGN #3
5	CURVE LEFT	659+50	LT	W1-2L	30	30	6.25	2.5 PST	SB	
6	50 MPH	-	-	W13-1	24	24	4	-	SB	MOUNT BELOW SIGN #5
7	MILE 31	693+41	RT	D10-2	10	27	1.875	2.5 PST	NB	6' OFFSET FROM SHOULDER; MOUNT HEIGHT = 4' TO BOTTOM OF SIGN
8	MILE 31	-	-	D10-2	10	27	1.875	-	SB	MOUNT TO OPPOSITE SIDE OF POST FOR SIGN #7
9	CURVE LEFT	708+02	RT	W1-2L	30	30	6.25	2.5 PST	NB	6' OFFSET FROM SHOULDER
10	50 MPH	-	-	W13-1	24	24	4	-	NB	MOUNT BELOW SIGN #9
11	CURVE RIGHT	714+32	LT	W1-2R	30	30	6.25	2.5 PST	SB	
12	50 MPH	-	-	W13-1	24	24	4	-	SB	MOUNT BELOW SIGN #11
13	MILE 32	743+00	RT	D10-2	10	27	1.875	2.5 PST	NB	6' OFFSET FROM SHOULDER; MOUNT HEIGHT = 4' TO BOTTOM OF SIGN
14	MILE 32	-	-	D10-2	10	27	1.875	-	SB	MOUNT TO OPPOSITE SIDE OF POST FOR SIGN #13
15	SPEED LIMIT 50	752+50	RT	R2-1	30	36	7.5	2.5 PST	NB	
16	SPEED LIMIT 55	752+50	LT	R2-1	30	36	7.5	2.5 PST	SB	
17	MILE 33	797+92	RT	D10-2	10	27	1.875	2.5 PST	NB	MOUNT HEIGHT =4' TO BOTTOM OF SIGN
18	MILE 33	-	-	D10-2	10	27	1.875	-	SB	MOUNT TO OPPOSITE SIDE OF POST FOR SIGN #17
19	REVERSE CURVE LEFT	805+02	RT	W1-4L	30	30	6.25	2.5 PST	NB	
20	45 MPH	-	-	W13-1	24	24	4	-	NB	MOUNT BELOW SIGN #19
21	REVERSE CURVE LEFT	815+45	LT	W1-4L	30	30	6.25	2.5 PST	SB	
22	45 MPH	-	-	W13-1	24	24	4	-	SB	MOUNT BELOW SIGN #21

ALL SIGN POSTS USE SLEEVE TYPE -SOIL EMBEDMENT- AND A 4'-6" EMBEDMENT DEPTH PER STD DWG S-30.03.

303 (3) DITCH RECONDITIONING SUMMARY

FROM STA	TO STA	OFFSET	
604+30	605+14±	RT	84'
652+40 ±	659+10±	RT	670'
691+50±	692+40±	RT	90'
709+00±	710+00±	RT	100'
721+30±	724+60±	RT	330'

202 (1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS SUMMARY

EXISTING MONUMENTS #:

54	62	70
55	63	71
56	64	72
57	65	87
58	66	75
59	67	221
60	68	
61	69	

2 TO 3 CY OF CONCRETE DEBRIS WAS FOUND BEHIND THE TURNOUT NEAR 705+00. THREE DISCARDED REFRIGERATORS AND A 2' X 3' METAL SAFE MAY BE WITHIN THE PROJECT FOOTPRINT. SMALL AUTOMOTIVE DEBRIS, UP TO THE SIZE OF A DOOR, DISCARDED GUARDRAIL AND SIGN POSTS, ARE LOCATED IN THE WOODS ALONG THE PROJECT. FLEXIBLE DELINEATORES ARE LOCATED ALONG THE PROJECT ROADSIDE. NO QUANTITY ESTIMATES HAVE BEEN MADE ON THESE SMALLER ITEMS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

PATH: Q:\JUNU67526\PLANSET\C3D PLANSET\67526 D1-D2 SUMMARIES.DWG

WEAVER, JON M (DOT)

TAB: D2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CC-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

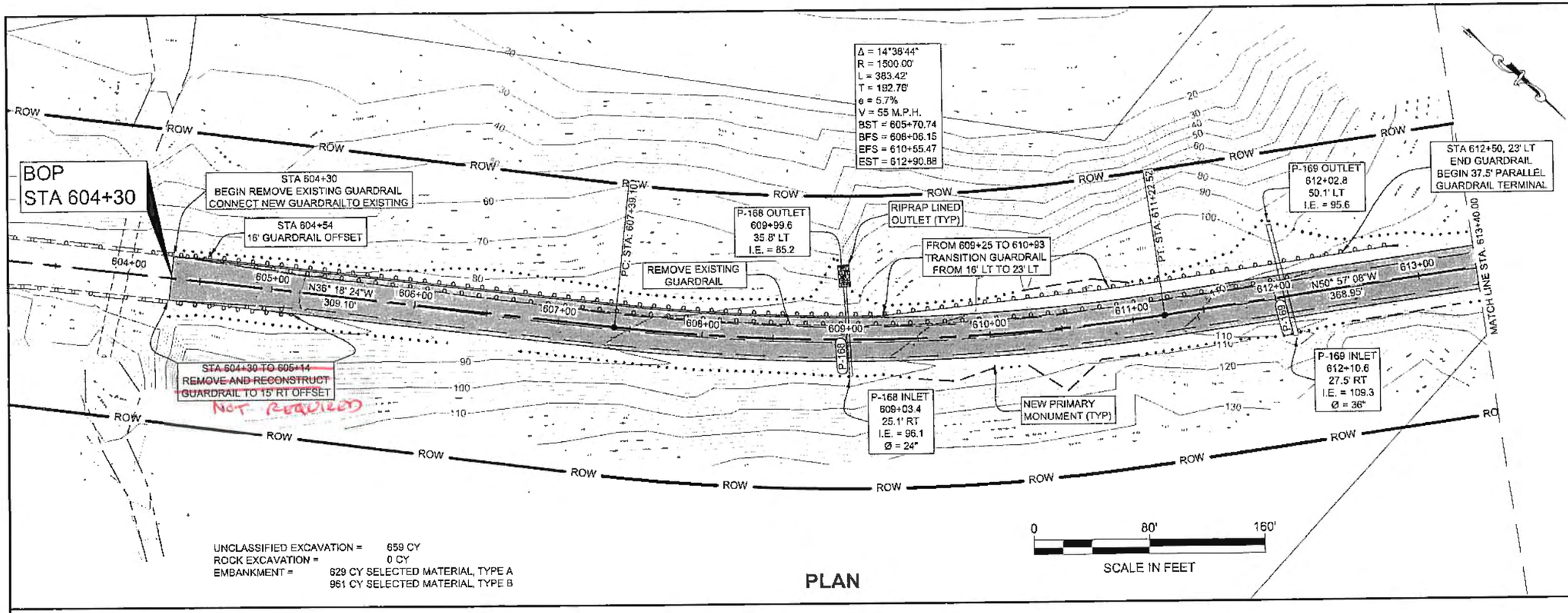
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION

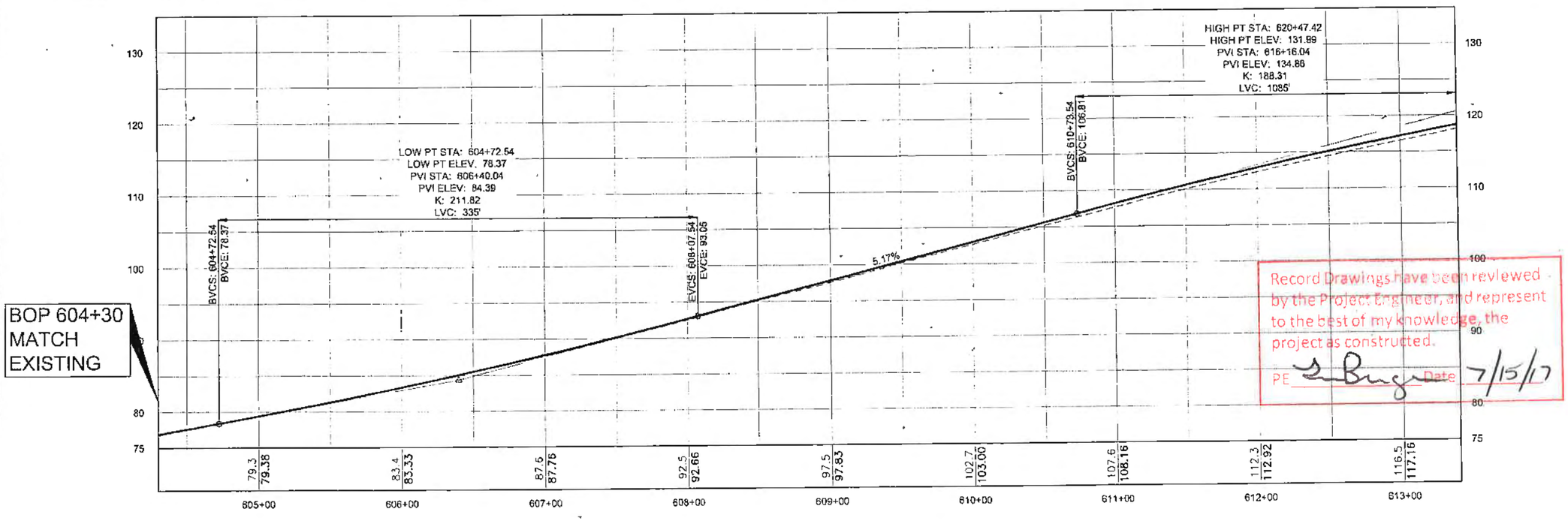
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D2	73



UNCLASSIFIED EXCAVATION = 659 CY
ROCK EXCAVATION = 0 CY
EMBANKMENT = 629 CY SELECTED MATERIAL, TYPE A
961 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

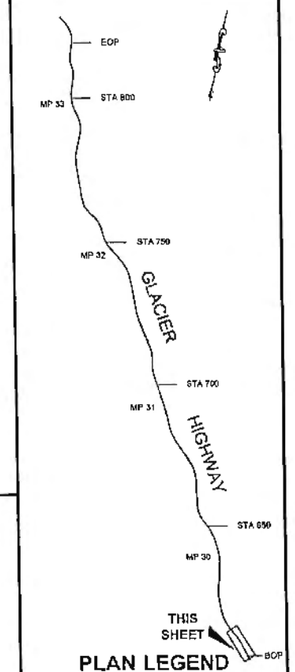
PATH: G:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

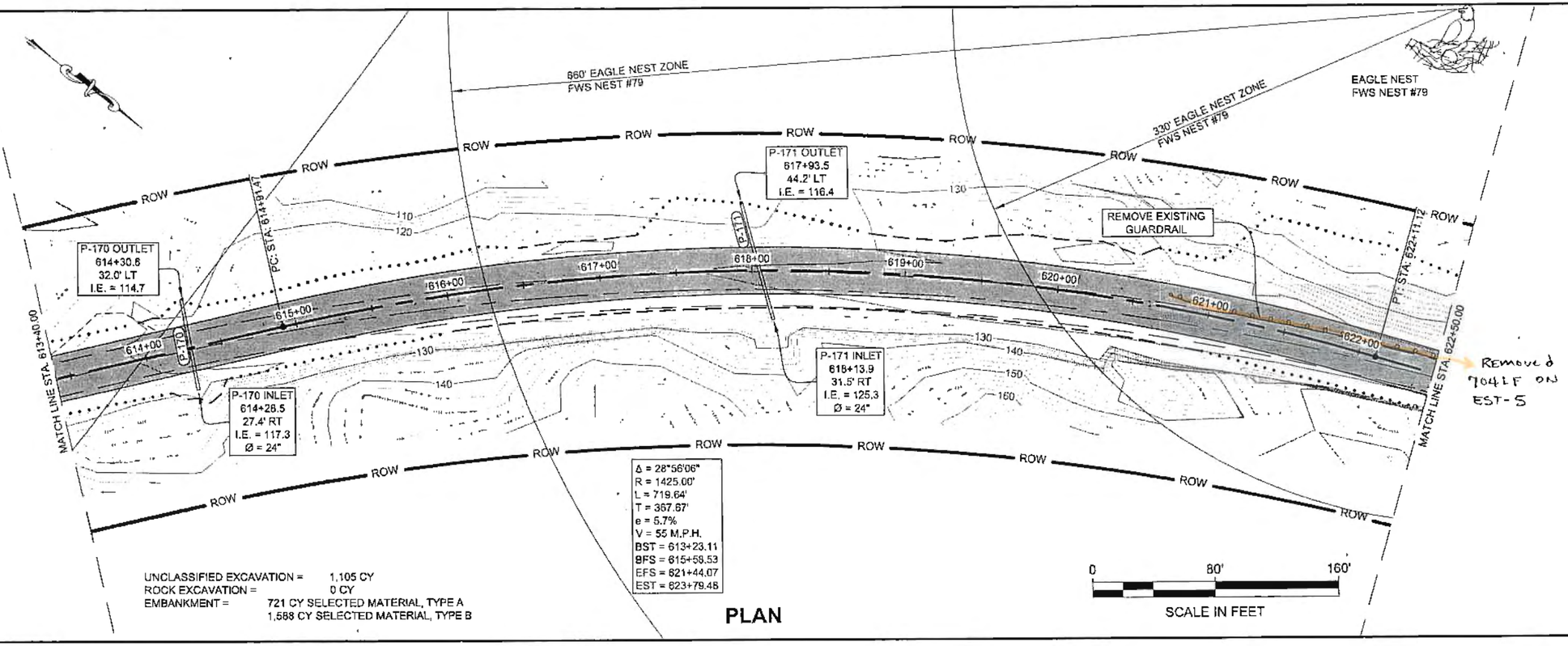
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

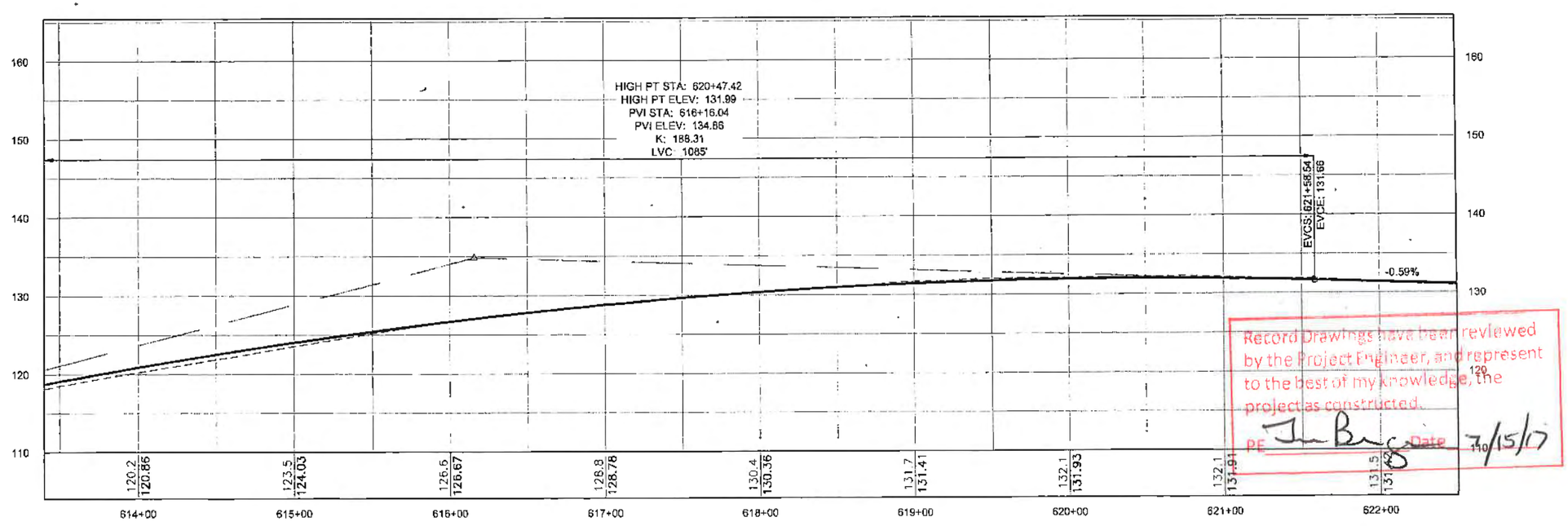
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F1	73



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

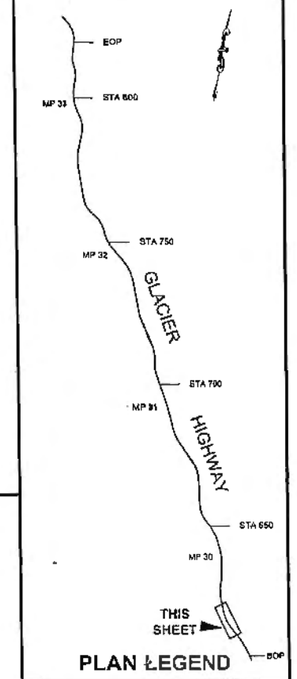
TAB: F2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: J. WEAVER

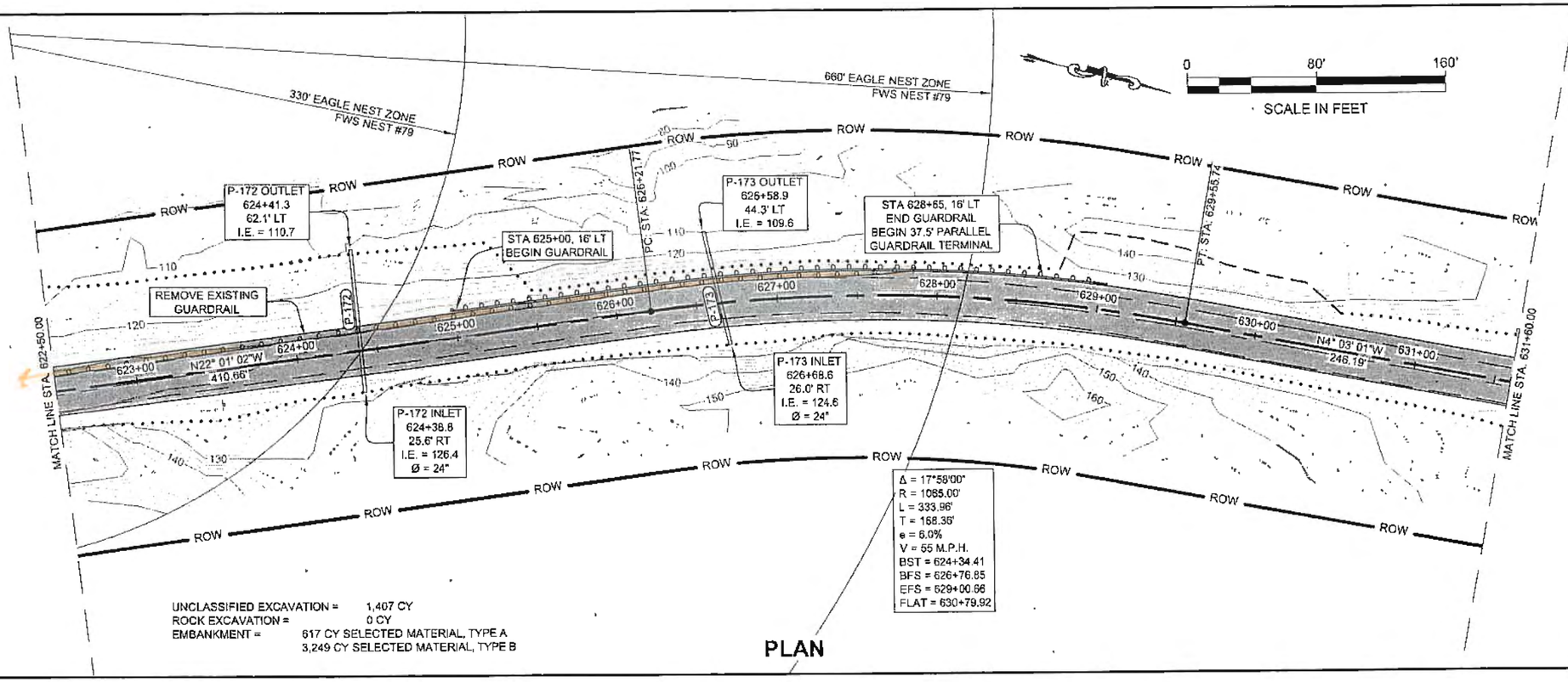
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

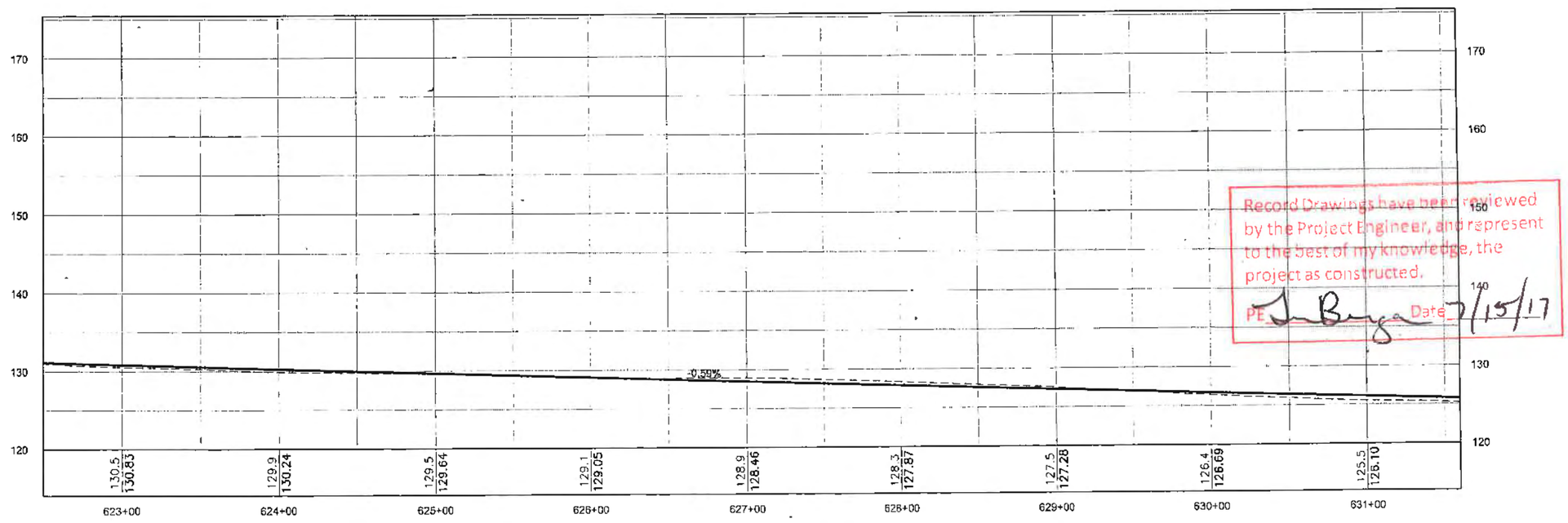
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F2	73



UNCLASSIFIED EXCAVATION = 1,407 CY
ROCK EXCAVATION = 0 CY
EMBANKMENT = 617 CY SELECTED MATERIAL, TYPE A
3,249 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE J. Bruce Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

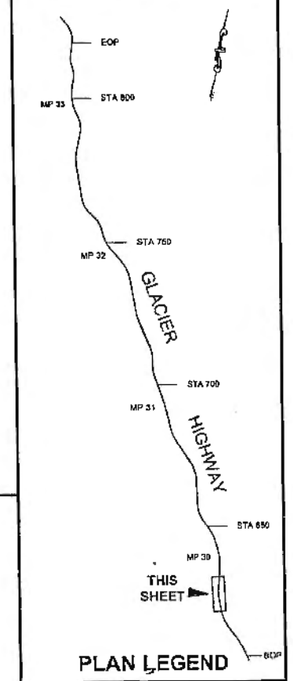
PATH: C:\JUNU\67526\PLANSET\G3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/23/11

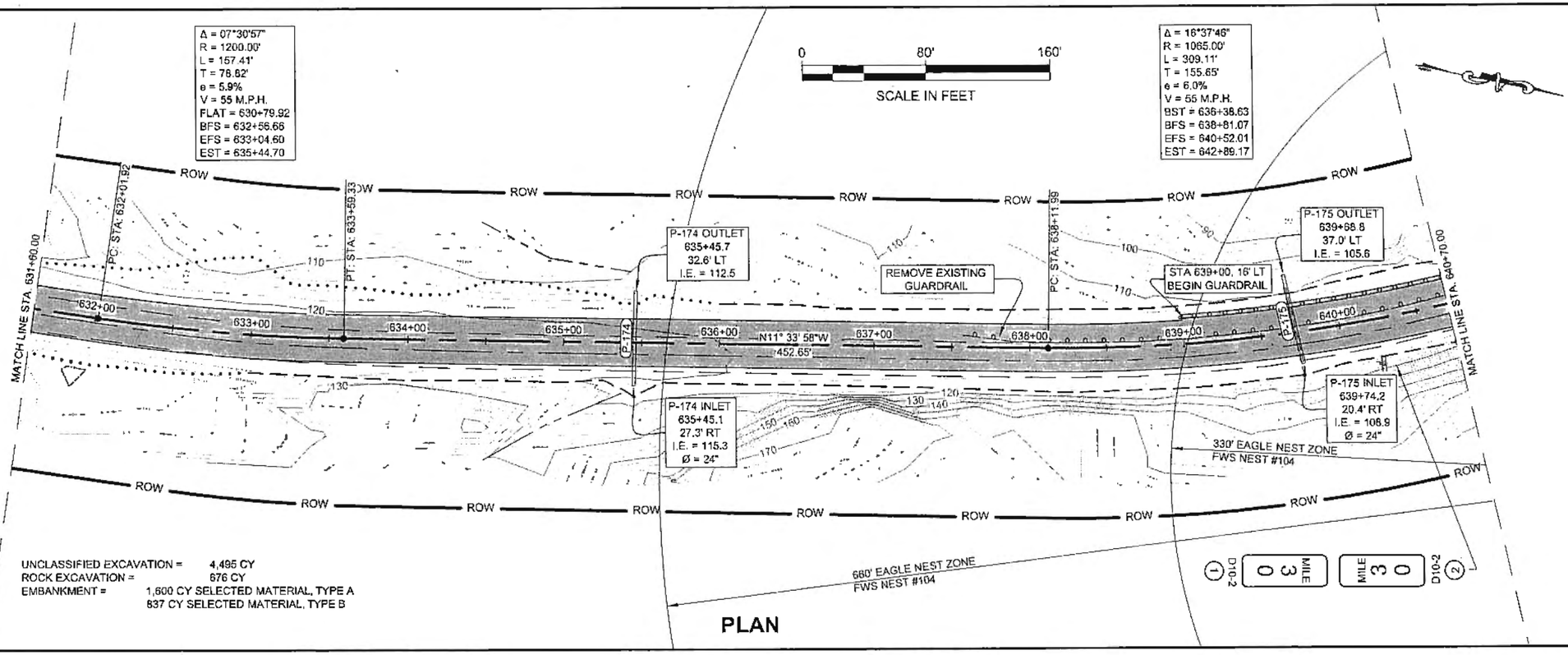
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

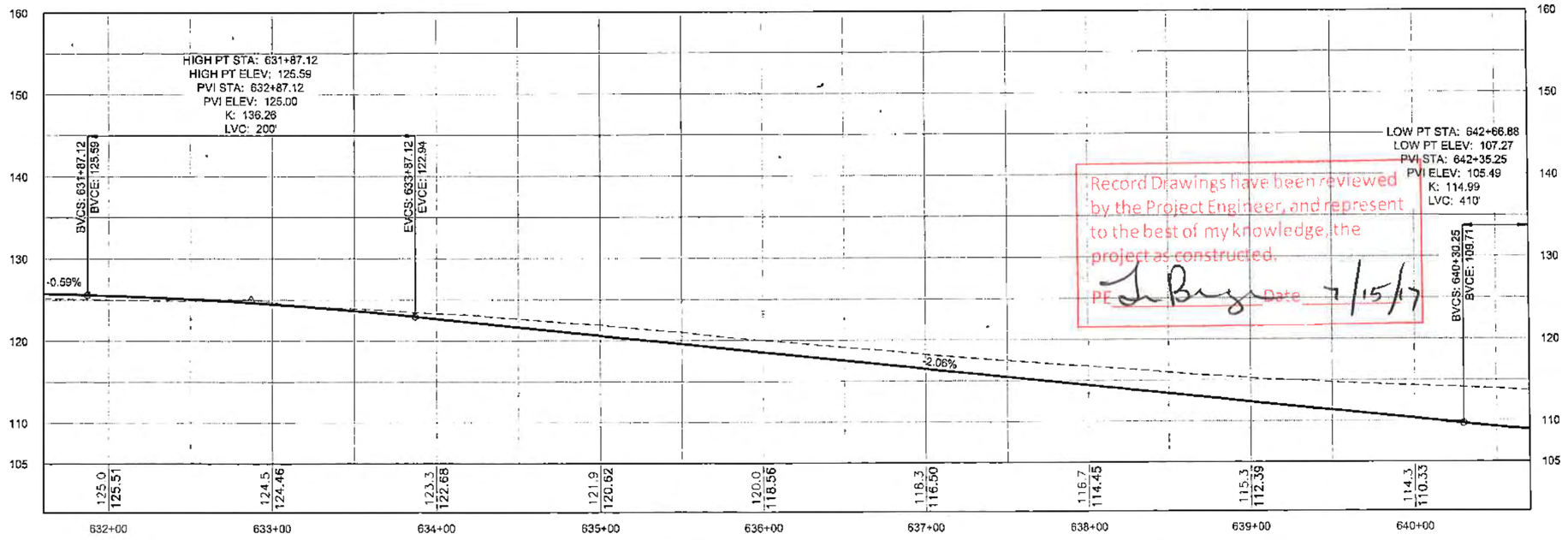
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F3	73



PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

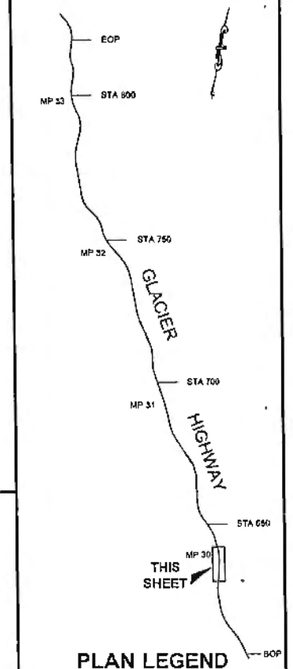
TAB: F4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA
49th
Charles M. Tripp
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

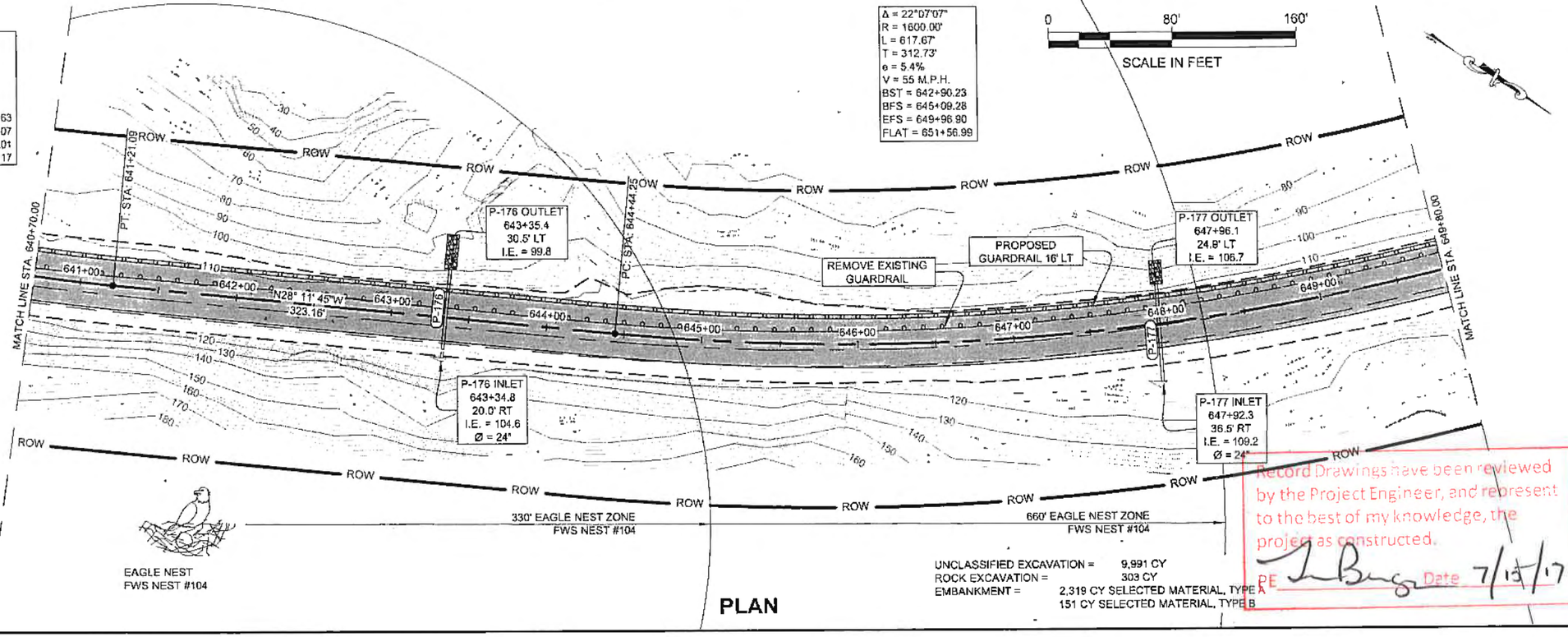
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F4	73

Δ = 16°37'46"
R = 1065.00'
L = 309.11'
T = 155.65'
e = 5.0%
V = 55 M.P.H.
BST = 636+38.63
BFS = 638+81.07
EFS = 640+52.01
EST = 642+89.17

Δ = 22°07'07"
R = 1600.00'
L = 617.67'
T = 312.73'
e = 5.4%
V = 55 M.P.H.
BST = 642+90.23
BFS = 645+09.28
EFS = 649+96.90
FLAT = 651+56.99

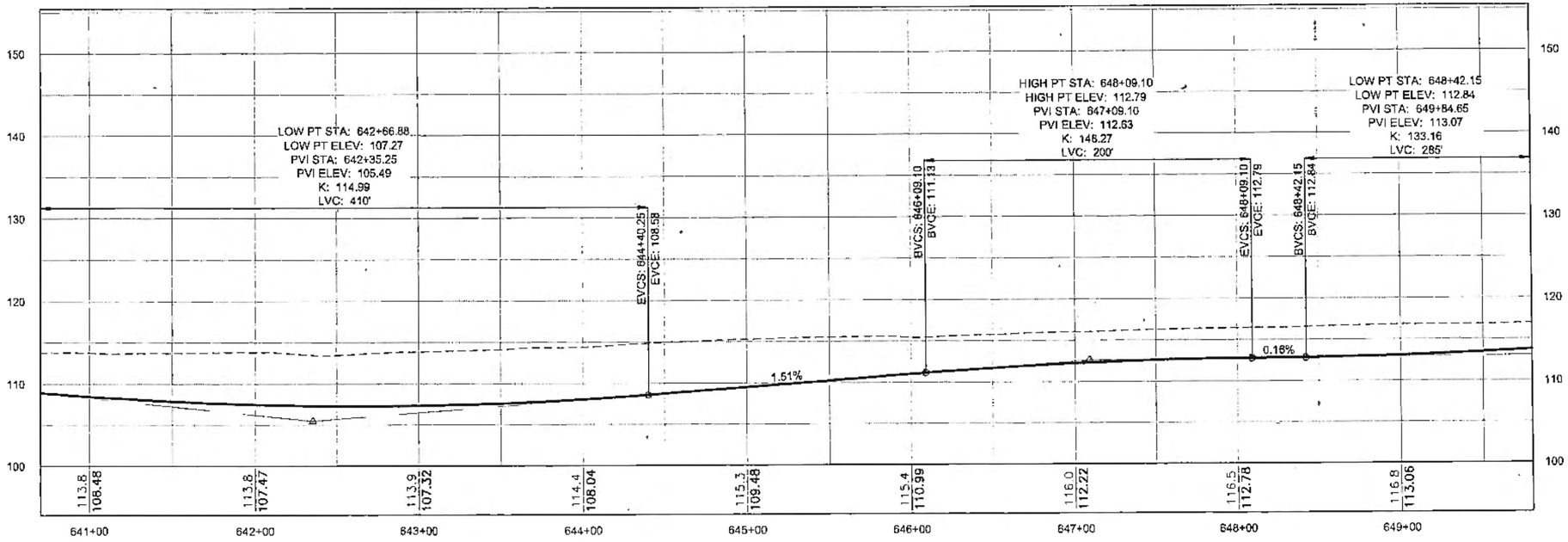
0 80' 160'
SCALE IN FEET



PLAN

UNCLASSIFIED EXCAVATION = 9,991 CY
ROCK EXCAVATION = 303 CY
EMBANKMENT = 2,319 CY SELECTED MATERIAL, TYPE A
151 CY SELECTED MATERIAL, TYPE B

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/13/17



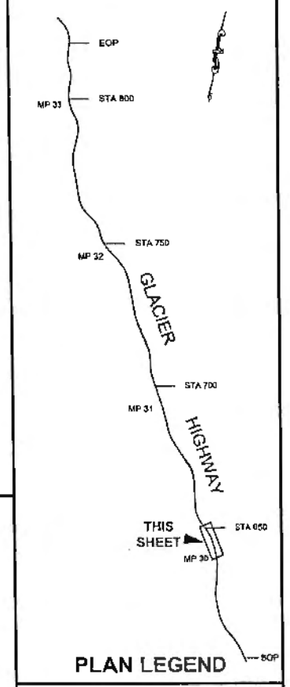
PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F5

ADDENDUM NUMBER
ATTACHMENT NUMBER
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
7/23/11

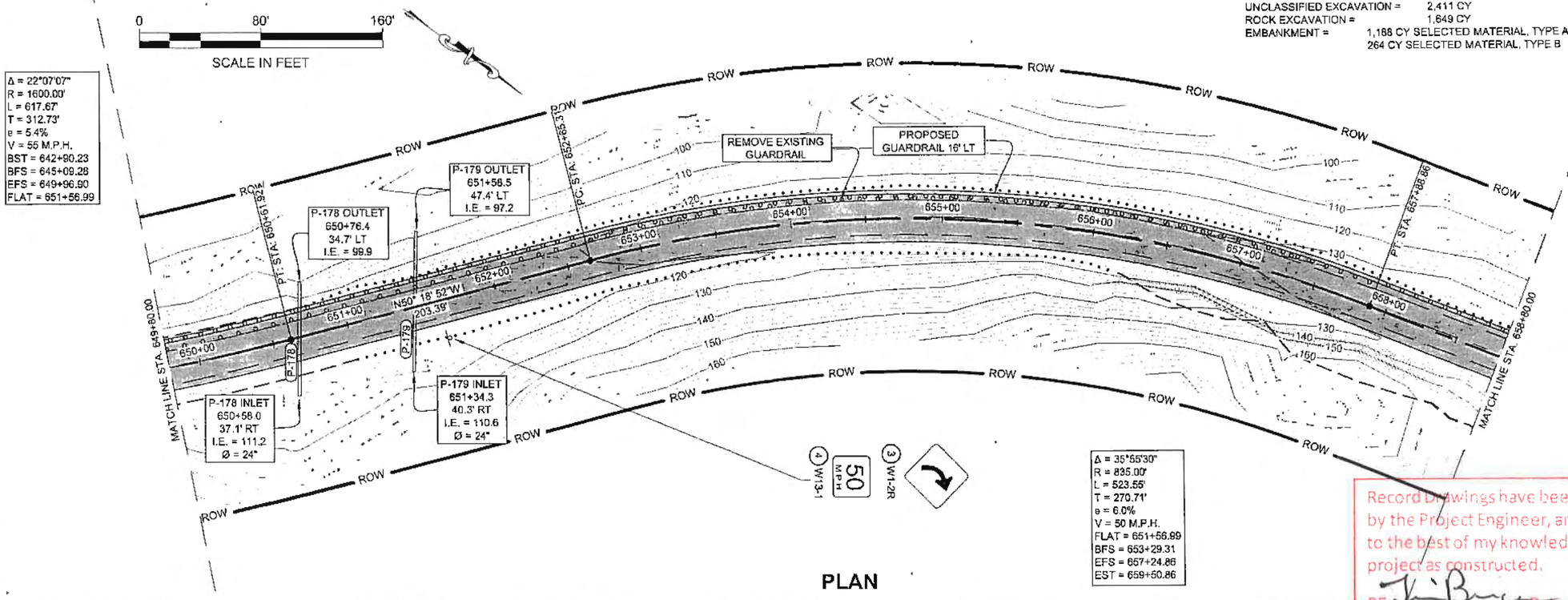
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

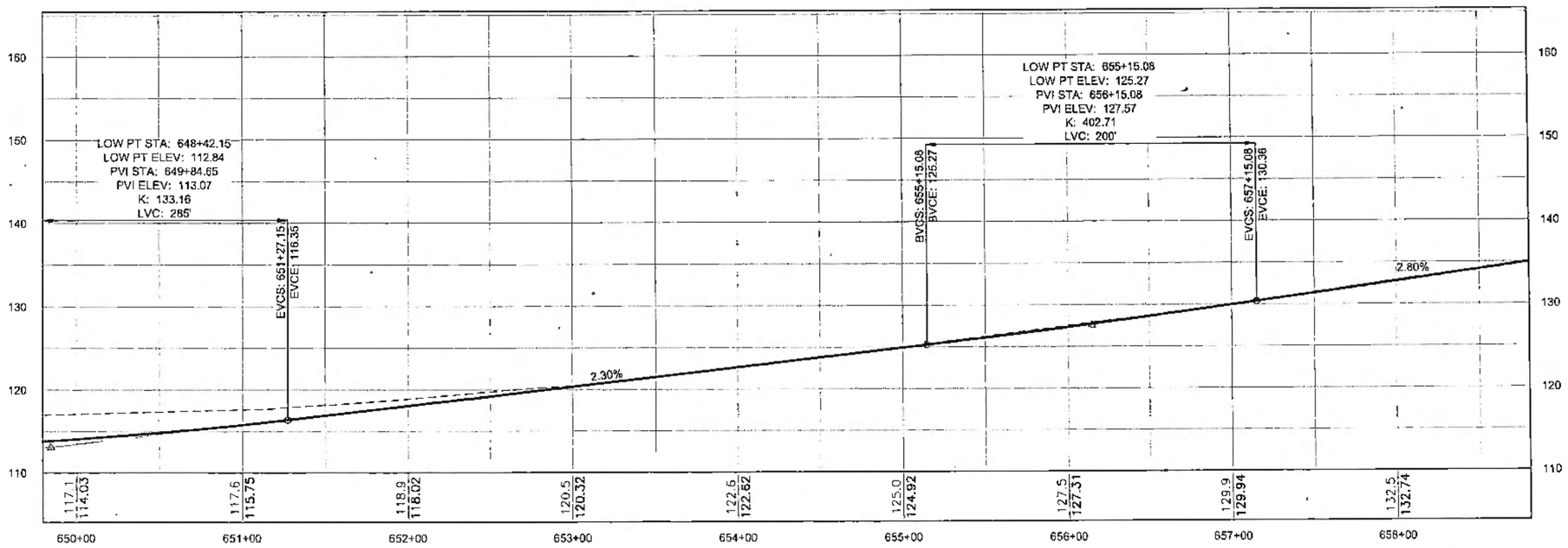
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F5	73



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

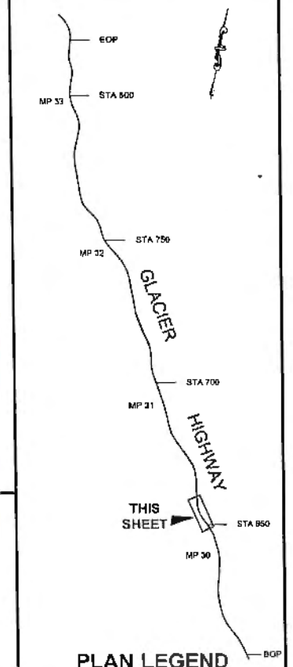
TAB: F6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

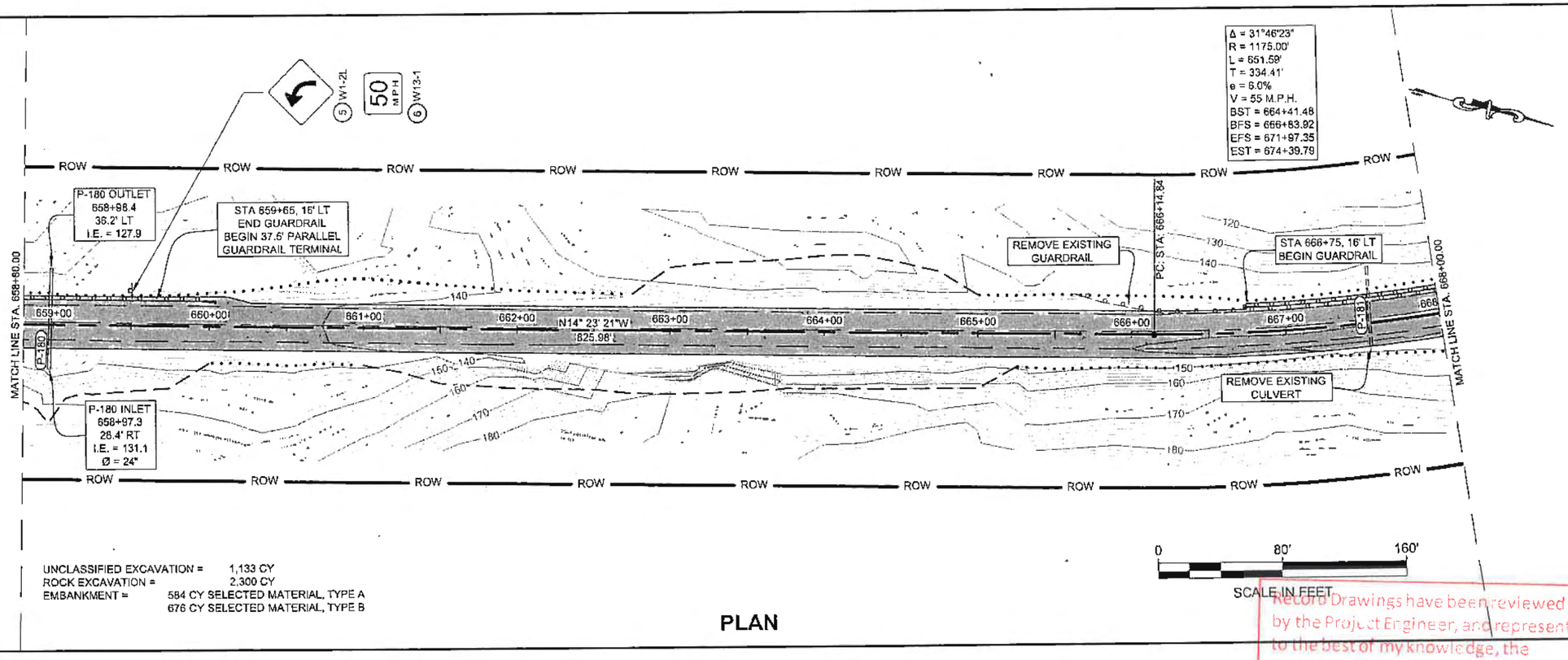
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

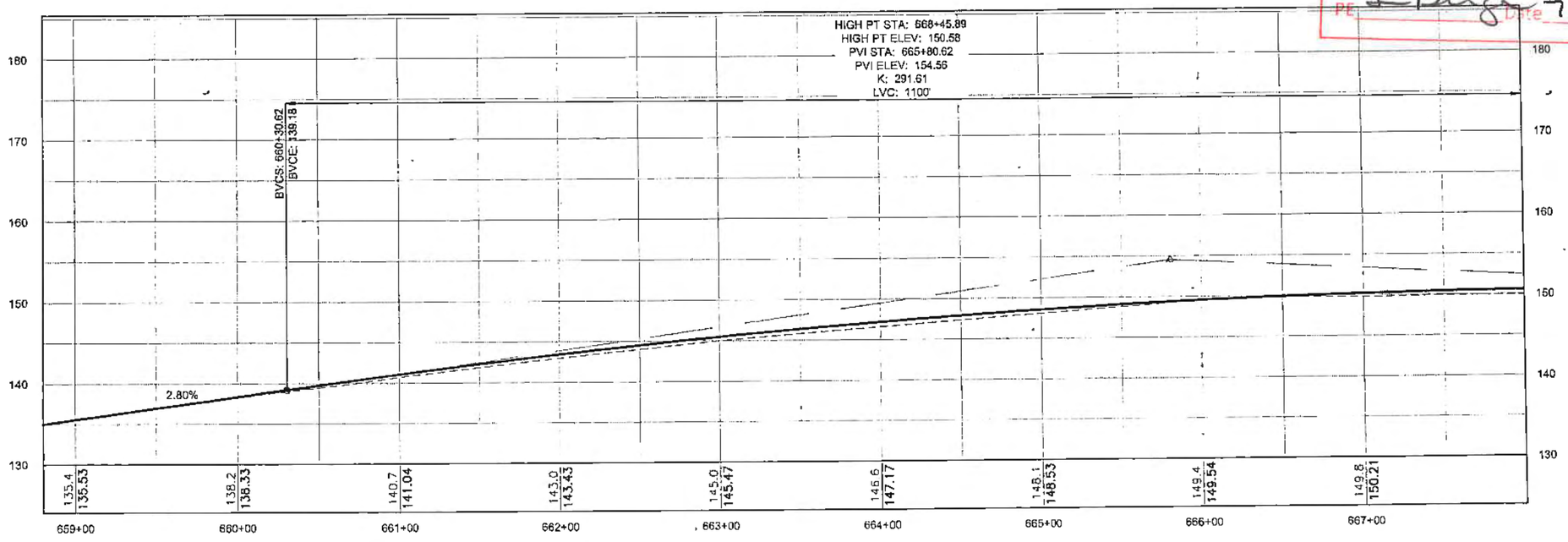
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F6	73



UNCLASSIFIED EXCAVATION = 1,133 CY
ROCK EXCAVATION = 2,300 CY
EMBANKMENT = 584 CY SELECTED MATERIAL, TYPE A
676 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE: _____ Date: 7/15/17

PATH: Q:\JNU67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

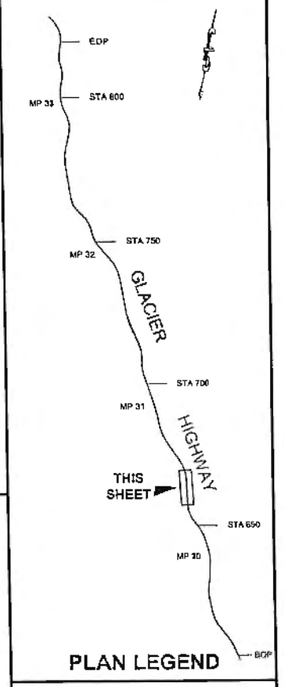
TAB: F7

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
4/23/11

DESIGNED BY: J. WEAVER

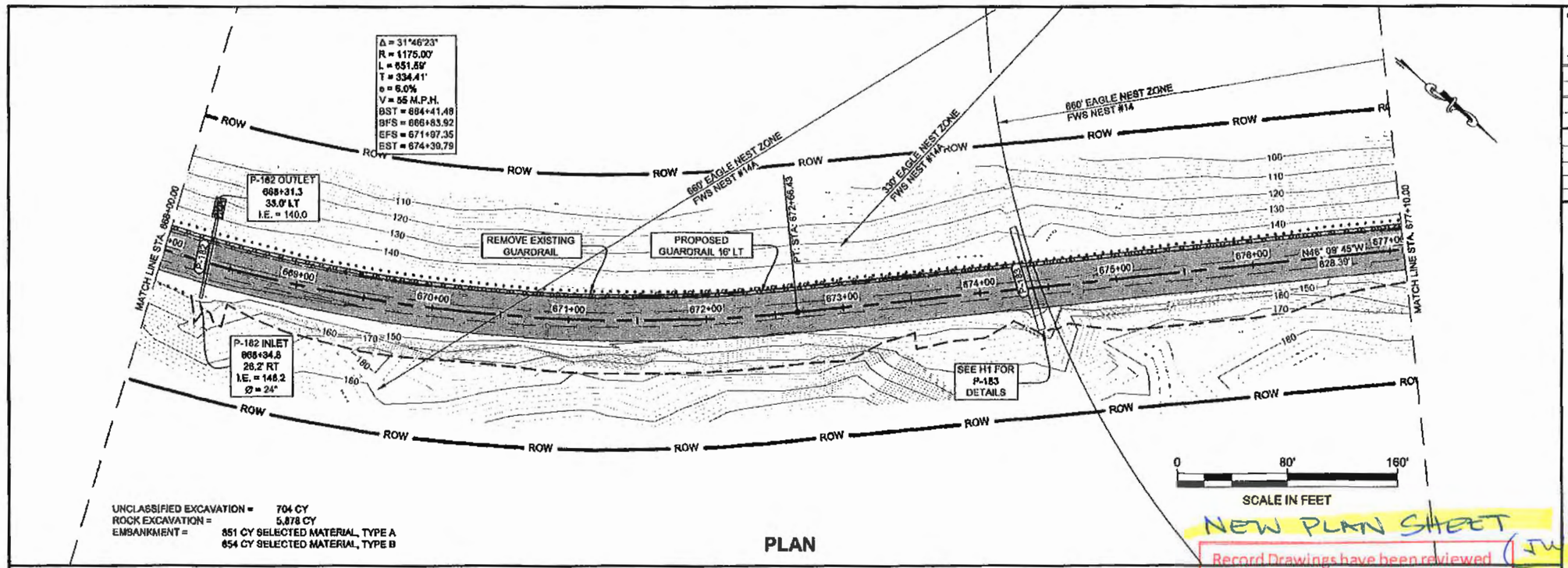
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

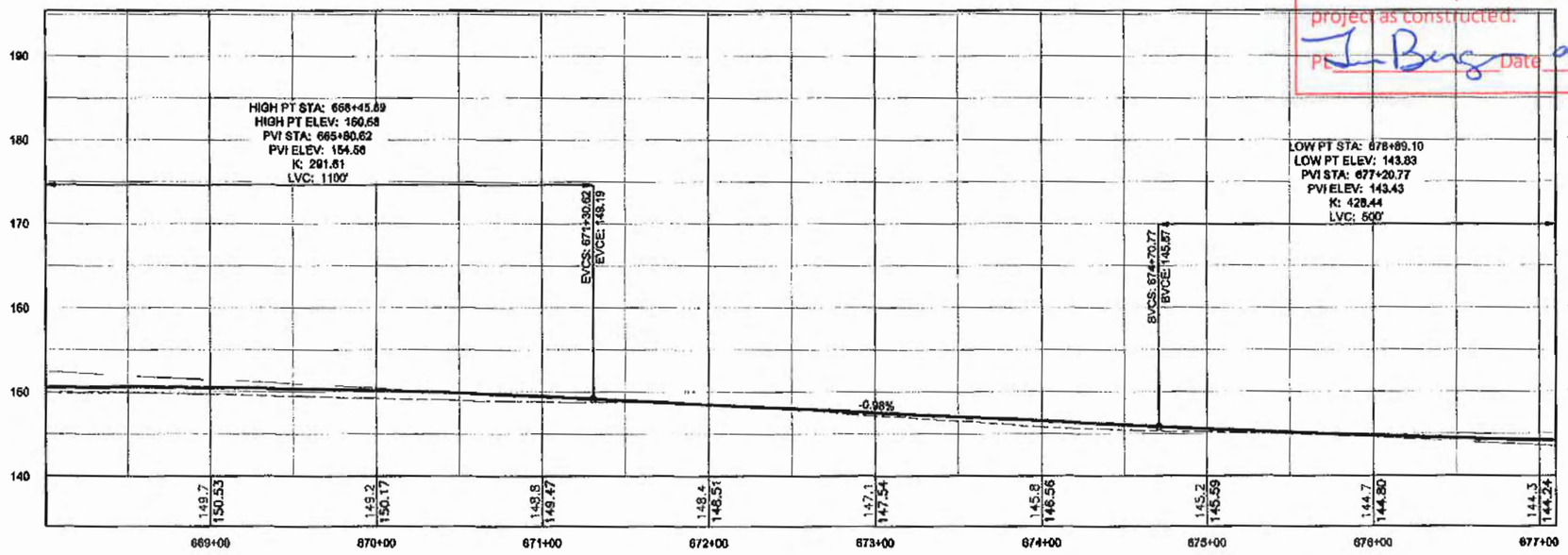
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F7	73



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

NEW PLAN SHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed. (JW)

PE _____ Date 9/17/17

PATH:Q:\INUM7526\PW\DOC\CONSTRUCTION\RE-DESIGN 7526 F8-F12 PLANS\PW\PROFILE.DWG

TRIPP, CHARLES M (DOT)

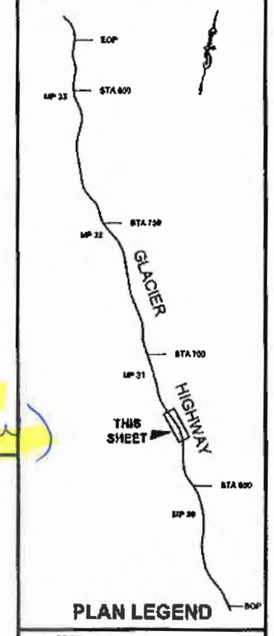
TAB: F8

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	6/15/12	REALIGN TO AVOID TALUS
		FOUND AT STA 664



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9813
REGISTERED PROFESSIONAL ENGINEER
7-2-11

DESIGNED BY: J. WEAVER

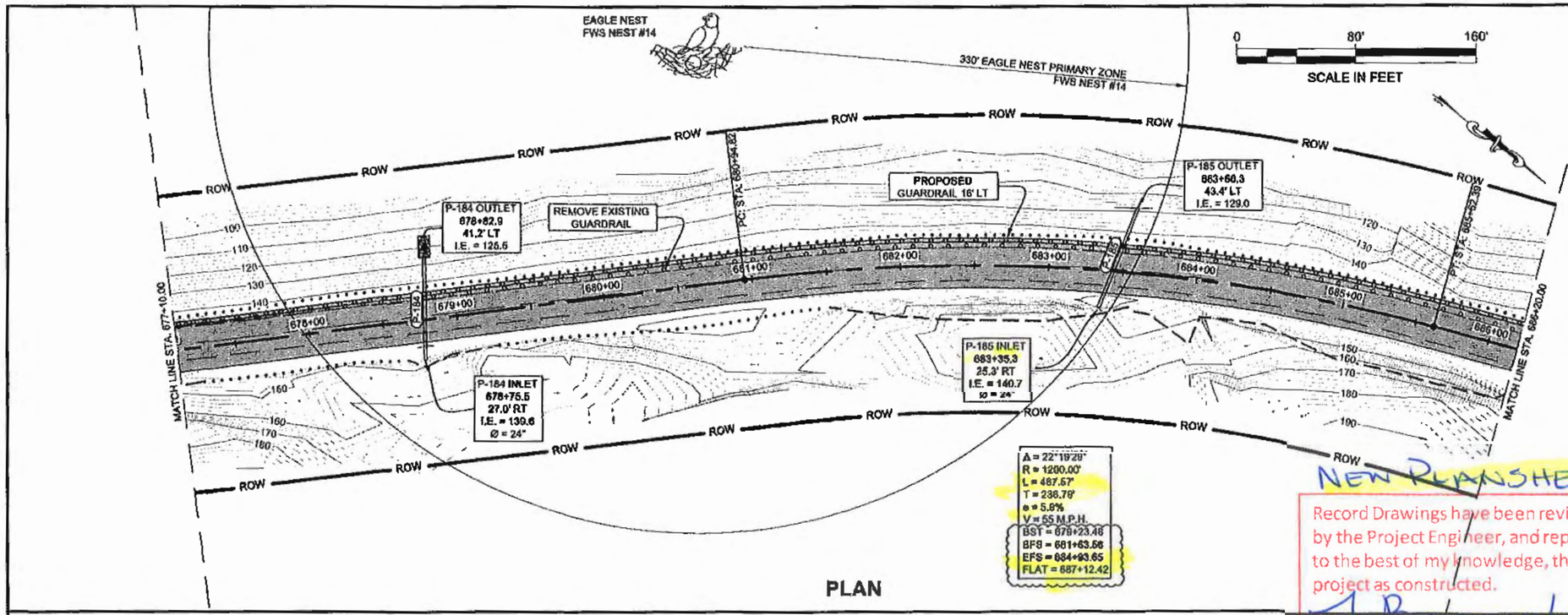
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F8	73



NEW PLANSHEET

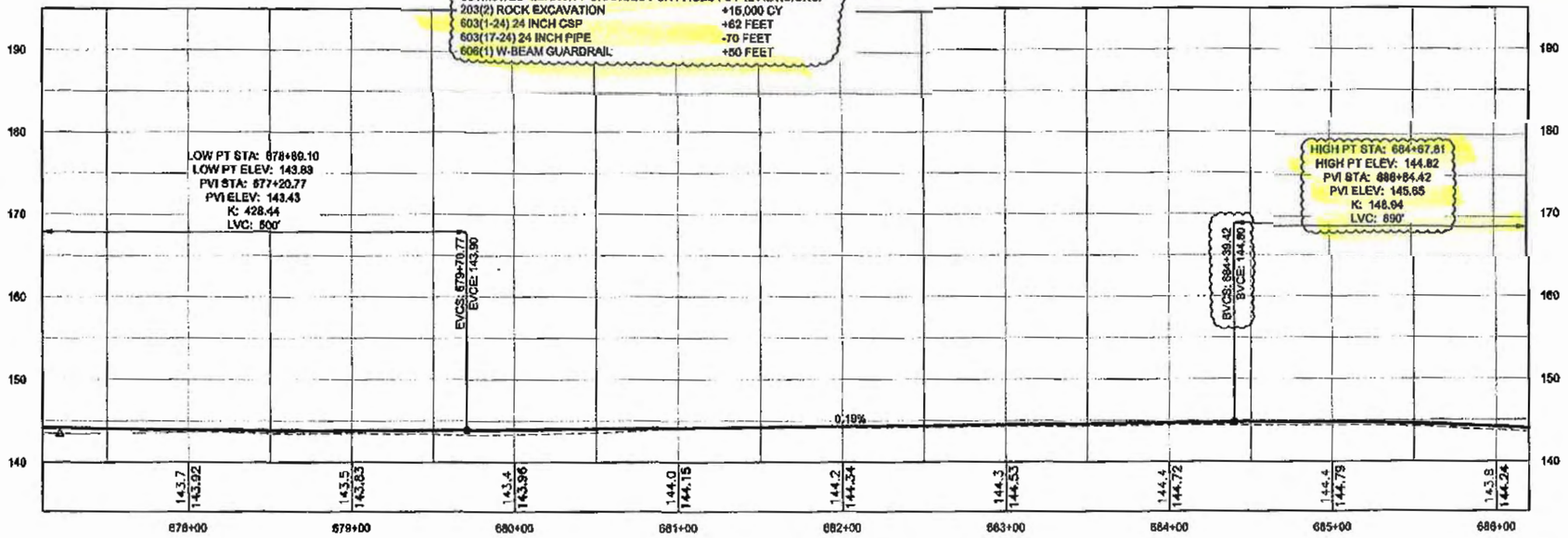
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 9/17/17 (TW)

NOTE: SEE REVISED SHEET A5 FOR ALIGNMENT REVISIONS

ESTIMATED QUANTITY CHANGES FOR PAGES F8-F12 REVISIONS:

203(2) ROCK EXCAVATION	+15,000 CY
603(1-24) 24 INCH CSP	+62 FEET
603(17-24) 24 INCH PIPE	-70 FEET
606(1) W-BEAM GUARDRAIL	+50 FEET



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

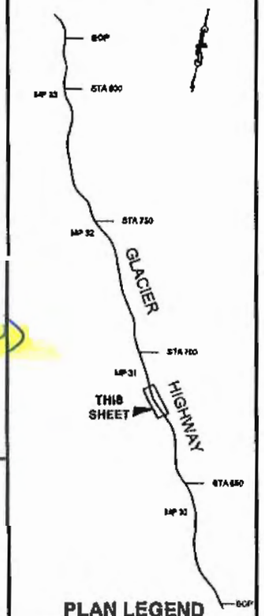
PATH:C:\LINUX\7526\ENGDOCS\CONSTRUCTION\REVISION 2\67526 F9-F12 PLAN&PROFILE.DWG

TRIPP, CHARLES M (DOT)
TAB: F9

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	6/15/12	REALIGN TO AVOID TALUS
		FOUND AT STA 684



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
7-21-12

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

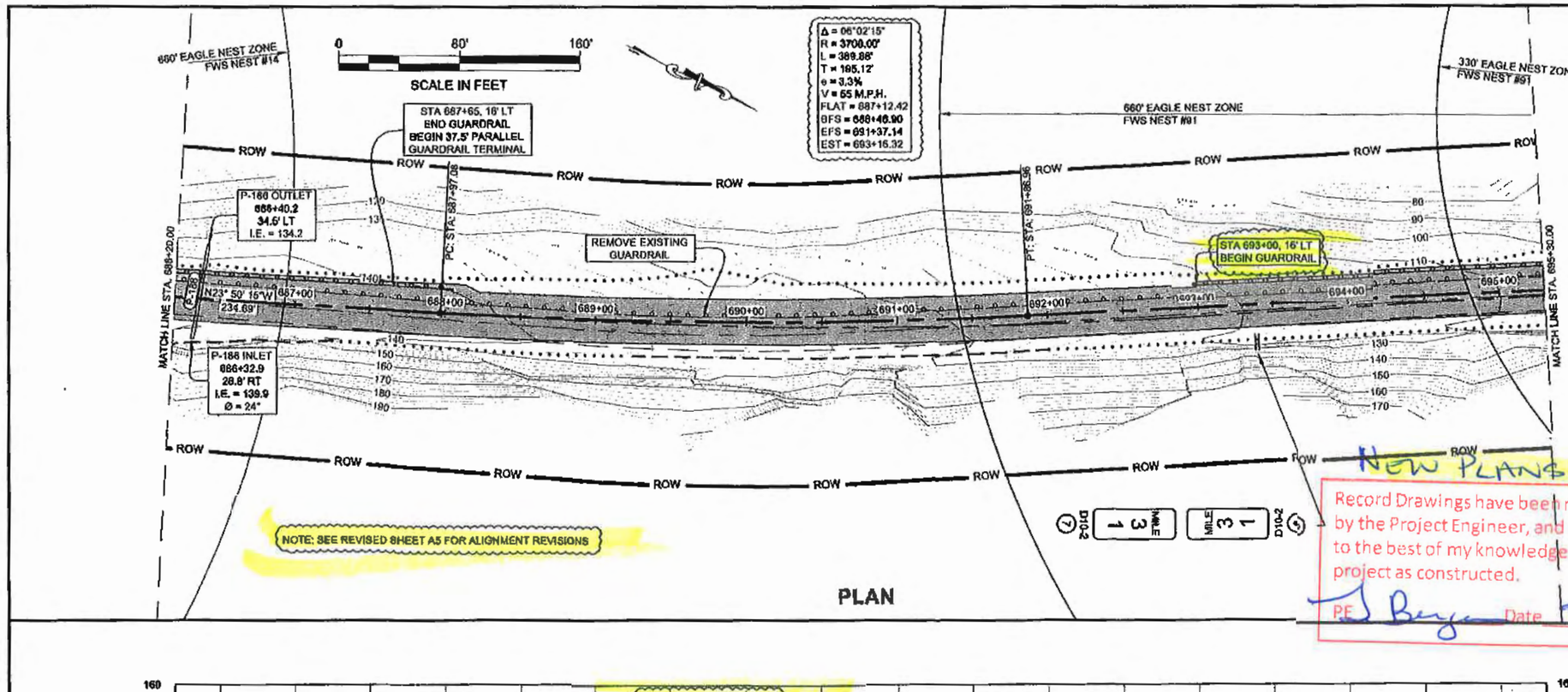
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

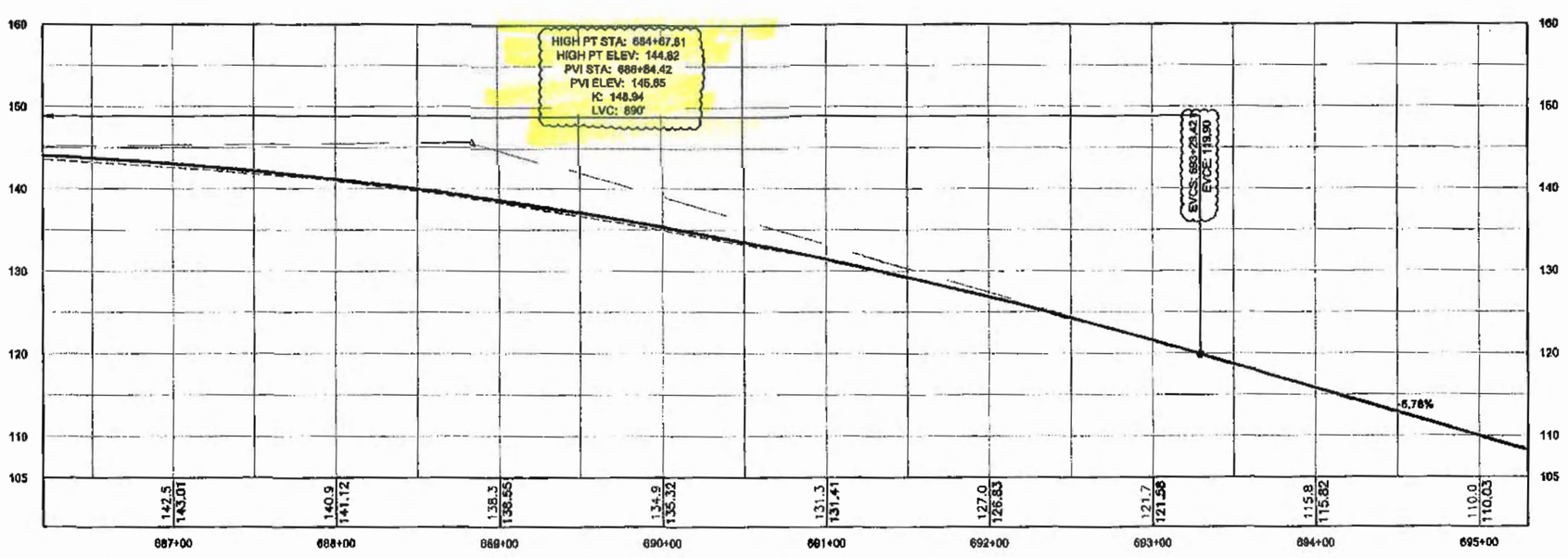
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F9	73



NEW PLANSHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Date 10/17/17



PROFILE

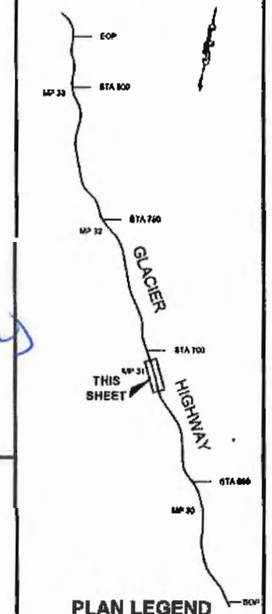
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\ENGDOCS\CONSTRUCTION\REVISION 3\67526 F9-F12 PLAN&PROFILE.DWG

TRIPP, CHARLES M (DOT)
TAB: F10

ADDENDUM NUMBER
ATTACHMENT NUMBER
RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	6/15/12	REALIGN TO AVOID TALUS
		FOUND AT STA 686



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
7-2-12

DESIGNED BY: J. WEAVER

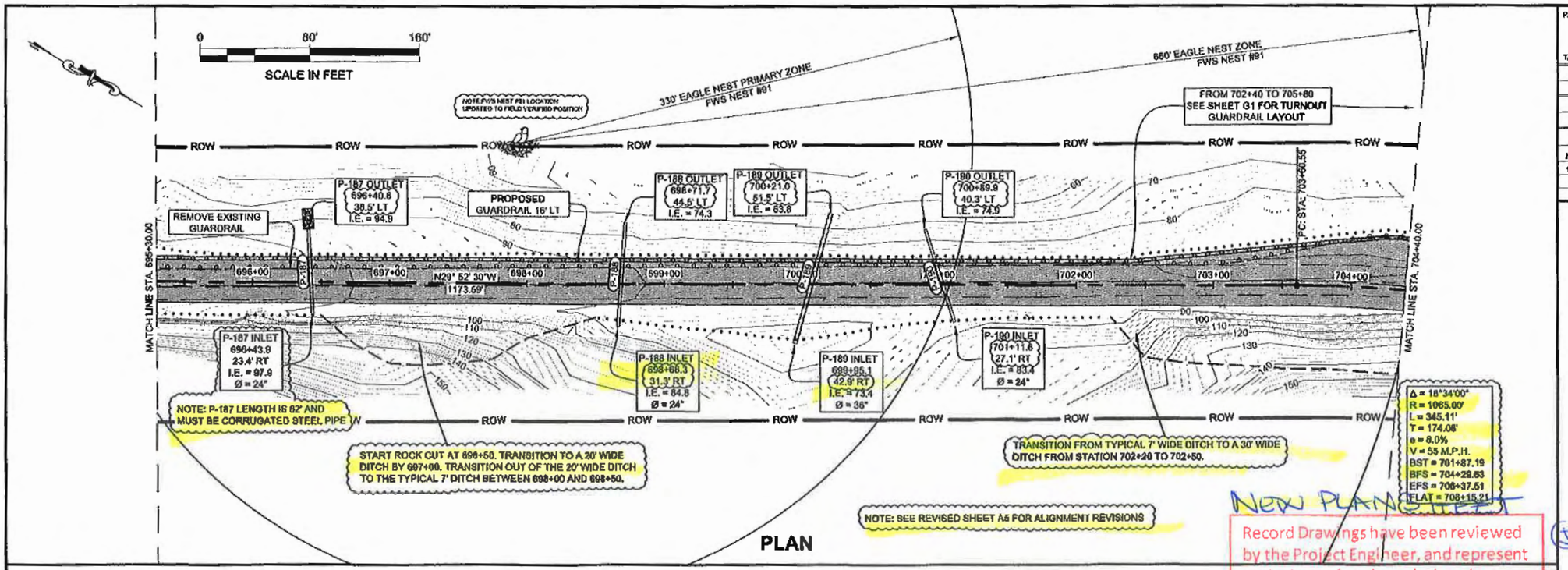
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F10	73



New PLAN SHEET (JW)

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J Berger Date 9/17/17

PATH: G:\INW\FSW\ENVDOCS\CONSTRUCTION\PROJECTION 267526 F8-F12 PLAN&PROFILE.DWG

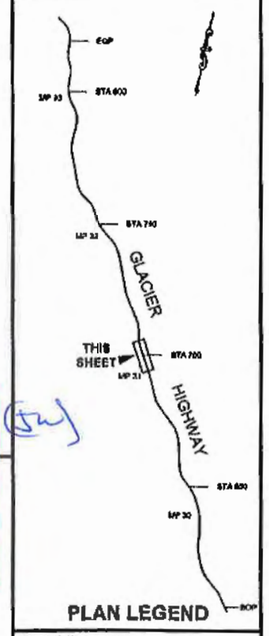
TRIPP, CHARLES M (DOT)

TAB: F11

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	8/16/12	REALIGN TO AVOID TALUS
		FOUND AT STA 694



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

7-2-13

DESIGNED BY: J. WEAVER

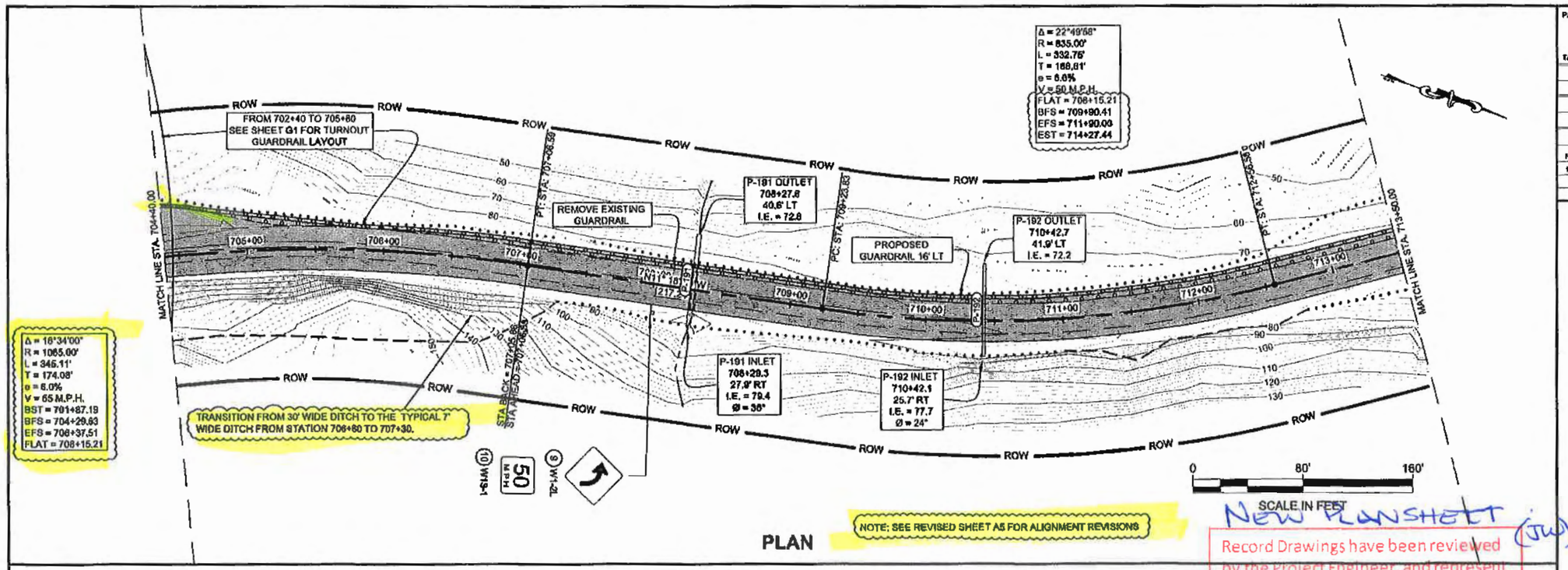
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

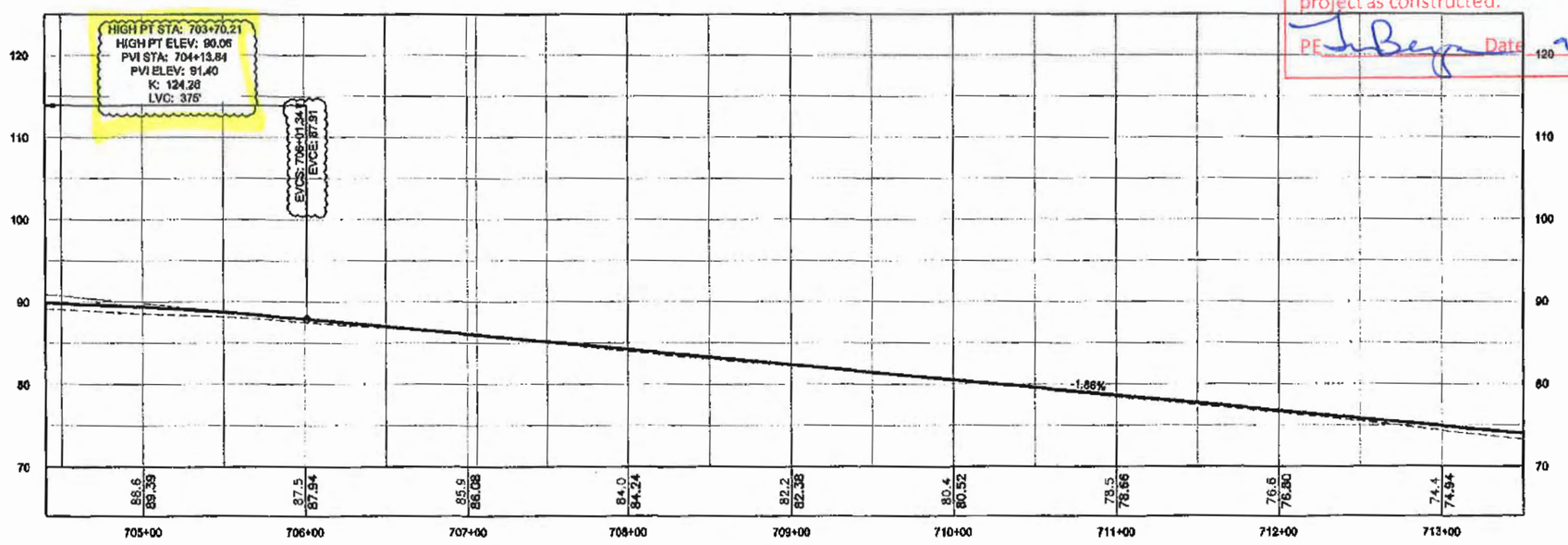
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F11	73



PLAN

NOTE: SEE REVISED SHEET A5 FOR ALIGNMENT REVISIONS



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

New Runsheet (JW)

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE [signature] Date 2/17/17

PATH: G:\MNU\67526\ENDOCAD\CONSTRUCTION\RE 8 KIN 267526 F8-F12 PLAN&PROFILE.DWG

TRIPP, CHARLES M (DOT)

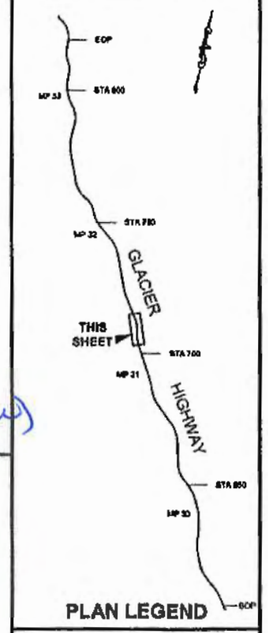
TAB: F12

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	6/1/12	REALIGN TO AVOID TALUS
		FOUND AT STA 694



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
7-2-12

DESIGNED BY: J. WEAVER

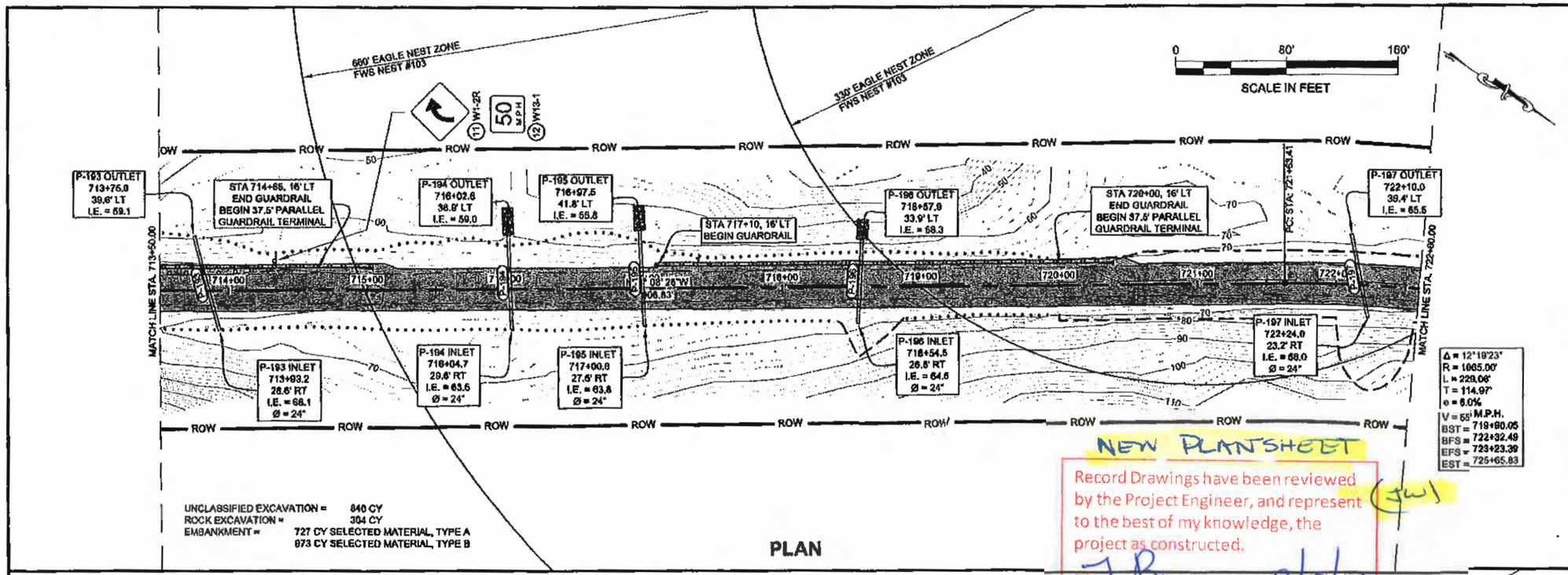
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F12	73



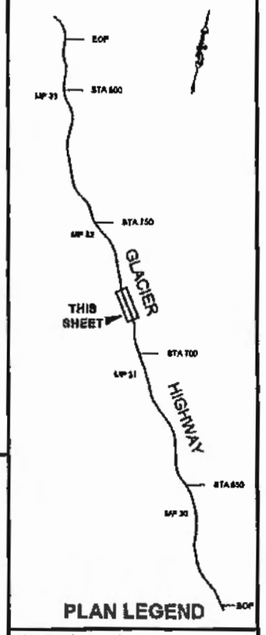
PATH:Q:\AJN\US7526\PRMD\DGN\CONSTRUCTION\REDESIGN 2\67526 F8-F13 PLANS PROFILE.DWG

TRUPP, CHARLES M (DOT)
TAB: F13

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	6/15/12	REALIGN TO AVOID TALUS
		FOUND AT STA 694



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Trupp
Charles M. Trupp
CE-9513
REGISTERED PROFESSIONAL ENGINEER

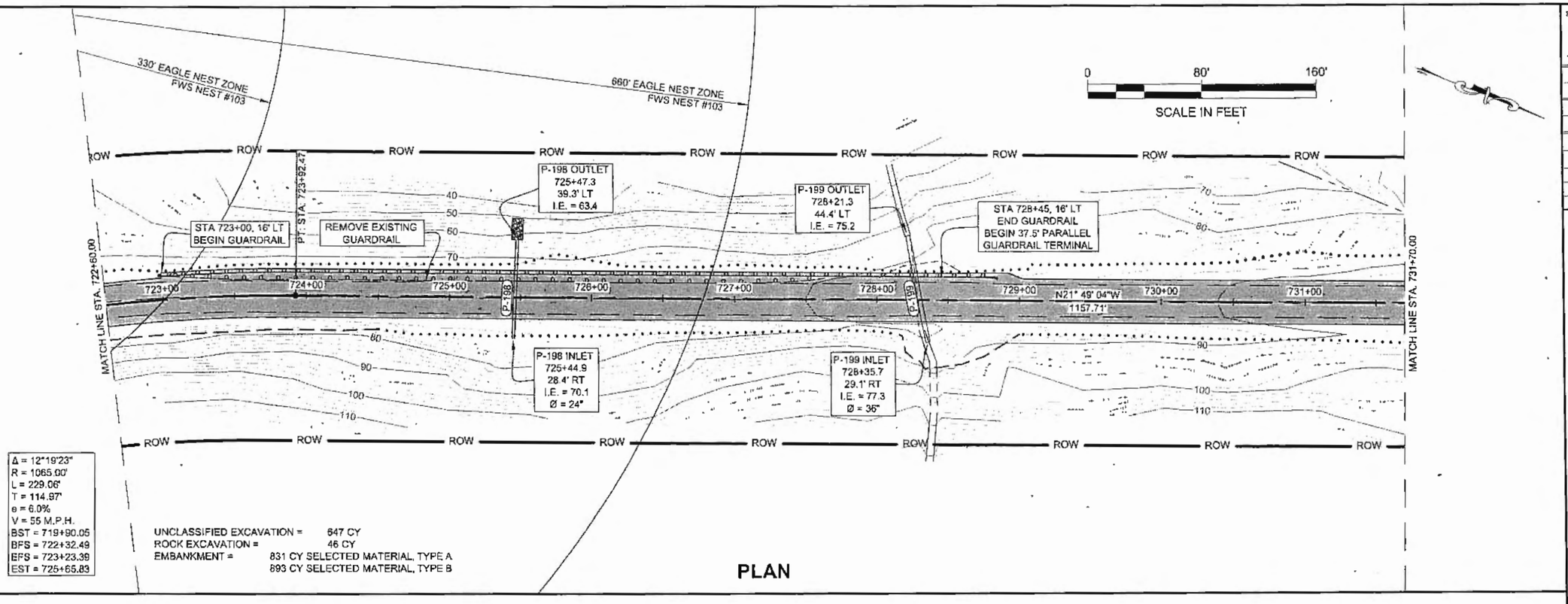
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

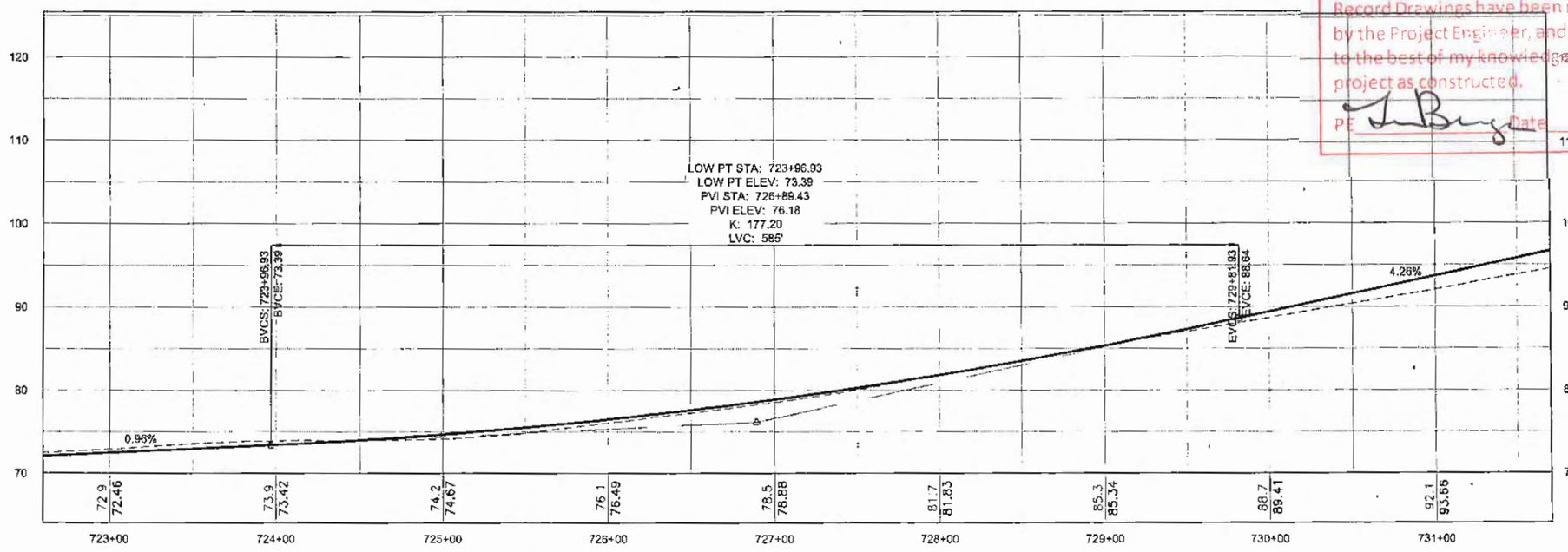
PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F13	73



Δ = 12°19'23"
R = 1065.00'
L = 229.06'
T = 114.97'
e = 6.0%
V = 55 M.P.H.
BST = 719+90.05
BFS = 722+32.49
EFS = 723+23.39
EST = 725+65.83

UNCLASSIFIED EXCAVATION = 647 CY
ROCK EXCAVATION = 46 CY
EMBANKMENT = 831 CY SELECTED MATERIAL, TYPE A
893 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

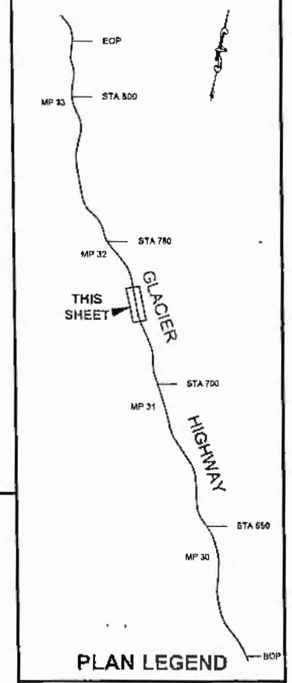
PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F14

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

4/23/11
STATE OF ALASKA
49th
Charles M. Tripp
CE-9513
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F14	73

SEE SHEET H4

0 80' 160'

SCALE IN FEET

Δ = 31°13'49"
R = 1400.00'
L = 763.10'
T = 391.28'
e = 5.7%
V = 55 M.P.H.
BST = 733+81.82
BFS = 736+17.23
EFS = 742+46.22
EST = 744+61.63

P-200 OUTLET
731+95.3
39.0' LT
I.E. = 85.4

P-201 OUTLET
733+51.8
45.5' LT
I.E. = 90.3

P-200 INLET
732+08.8
31.0' RT
I.E. = 91.4
Ø = 36"x42"
C.A.P.A.

P-201 INLET
733+36.8
29.4' RT
I.E. = 98.1
Ø = 24"

MATCH LINE STA. 731+70.00

PC: STA: 735+50.18

STA 740+30, 16' LT
BEGIN GUARDRAIL

MATCH LINE STA. 740+80.00

REMOVE EXISTING GUARDRAIL

660' EAGLE NEST ZONE
FWS NEST #77A

ROW

UNCLASSIFIED EXCAVATION = 357 CY
ROCK EXCAVATION = 0 CY
EMBANKMENT = 1,067 CY SELECTED MATERIAL, TYPE A
1,994 CY SELECTED MATERIAL, TYPE B

PLAN

HIGH PT STA: 740+76.43
HIGH PT ELEV: 124.81
PVI STA: 739+26.81
PVI ELEV: 126.86
K: 115.05
LVC: 680'

BVCS: 735+86.61
BVCE: 114.38

4.26%

95.6 97.92
99.1 102.18
103.2 105.44
108.1 110.69
113.1 114.94
117.6 118.65
121.2 121.49
123.3 123.45
124.6 124.55

PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Bryce Date 7/15/17

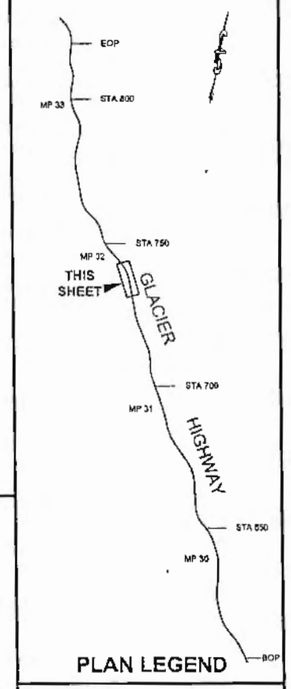
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUNU67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F15

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

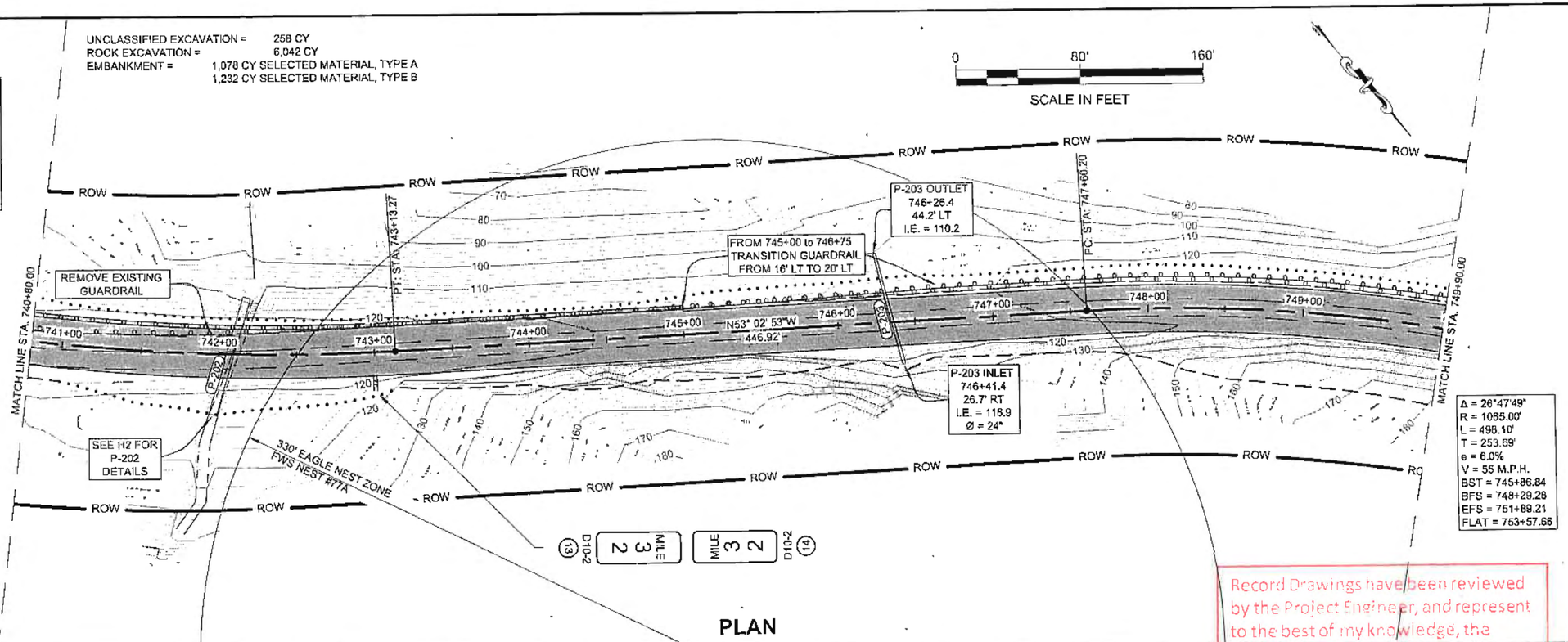
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F15	73

UNCLASSIFIED EXCAVATION = 258 CY
ROCK EXCAVATION = 6,042 CY
EMBANKMENT = 1,078 CY SELECTED MATERIAL, TYPE A
1,232 CY SELECTED MATERIAL, TYPE B

Δ = 31°13'49"
R = 1400.00'
L = 763.10'
T = 391.28'
e = 5.7%
V = 55 M.P.H.
BST = 733+81.82
BFS = 736+17.23
EFS = 742+46.22
EST = 744+81.63

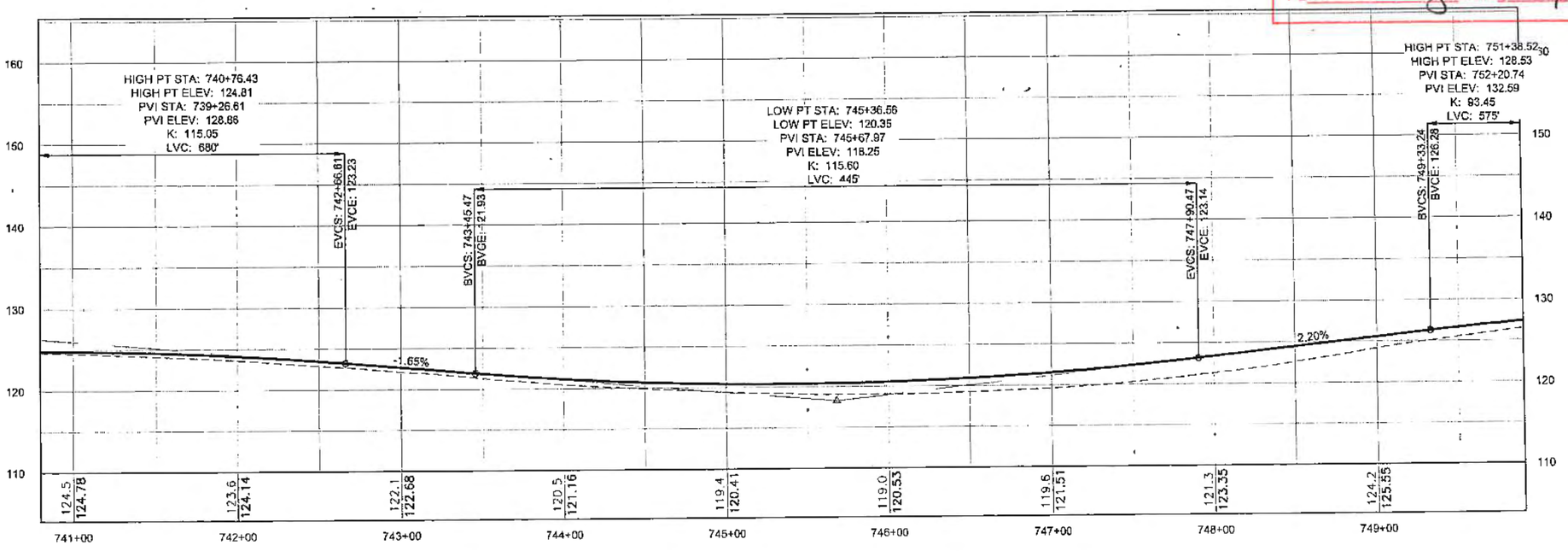
0 80' 160'
SCALE IN FEET



Δ = 26°47'49"
R = 1065.00'
L = 498.10'
T = 253.69'
e = 6.0%
V = 55 M.P.H.
BST = 745+86.84
BFS = 748+29.28
EFS = 751+89.21
FLAT = 753+57.66

PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Date 7/15/17



PROFILE

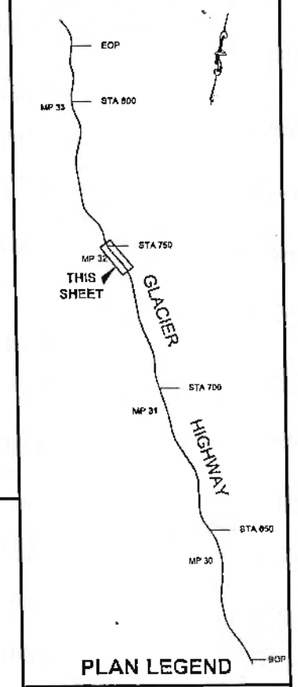
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN\67526\PLANSETC3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F16

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/23/11

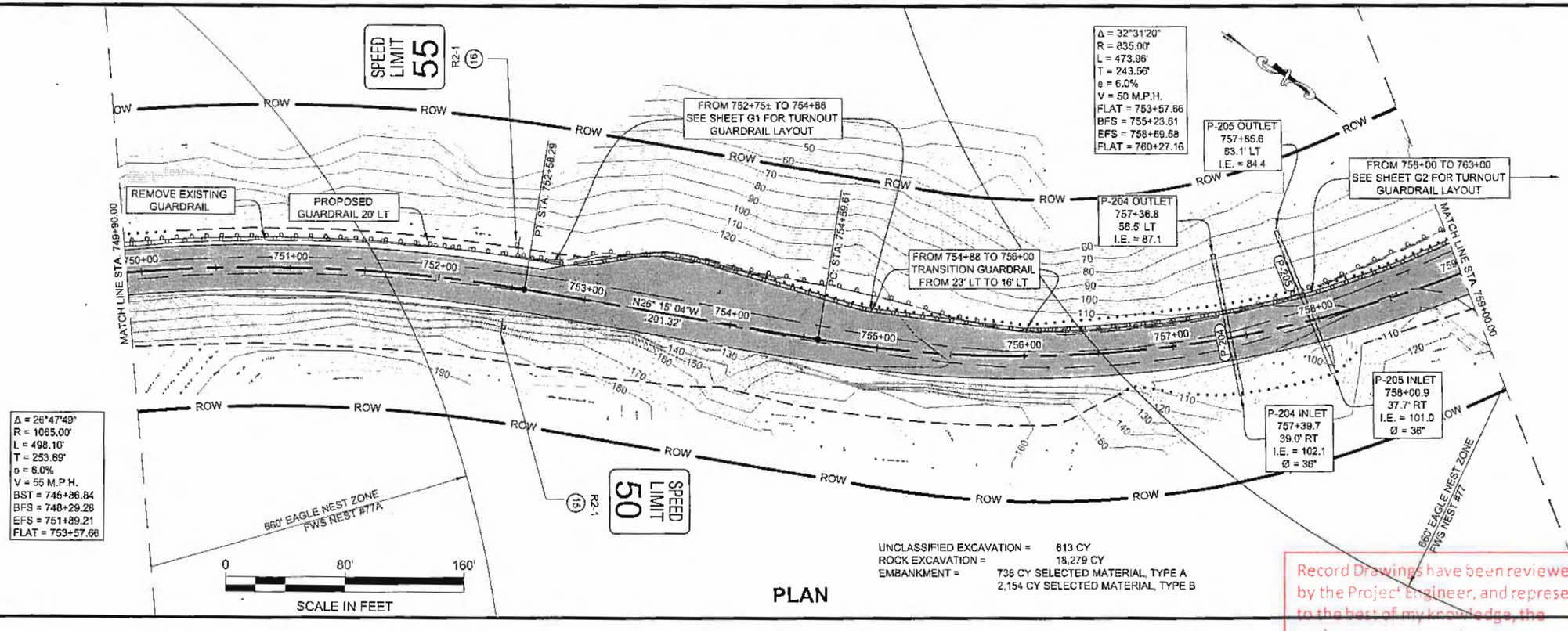
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

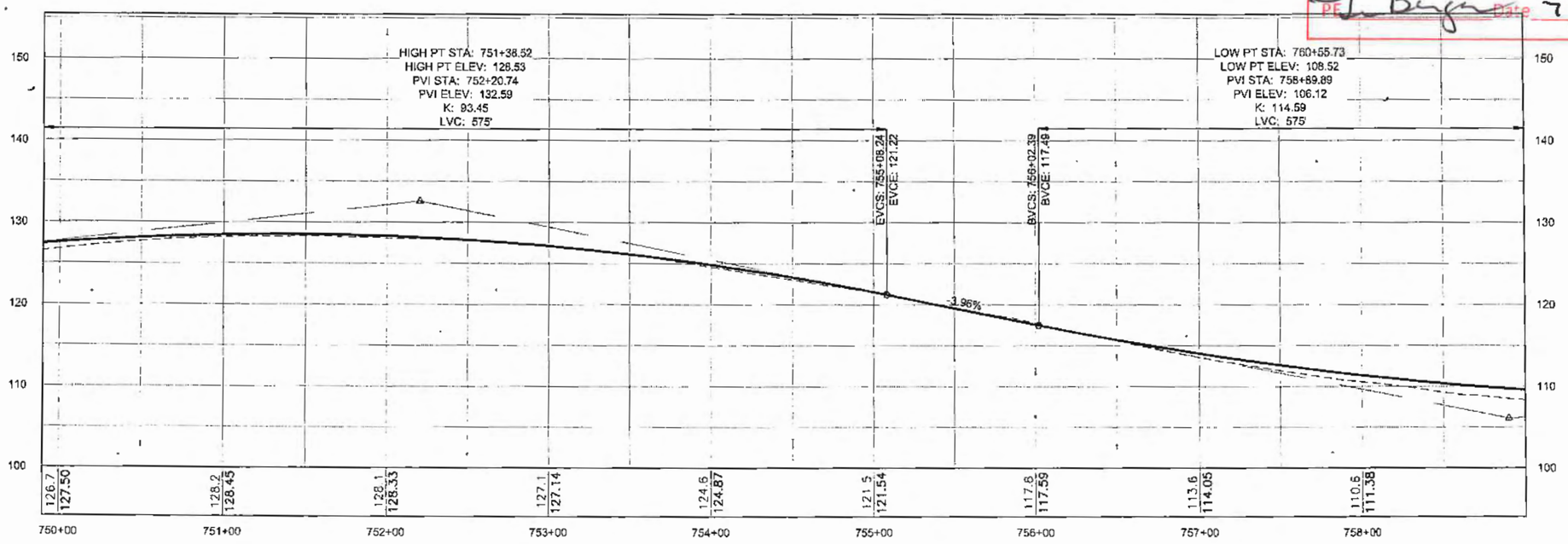
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F16	73



UNCLASSIFIED EXCAVATION = 613 CY
ROCK EXCAVATION = 18,279 CY
EMBANKMENT = 738 CY SELECTED MATERIAL, TYPE A
2,154 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

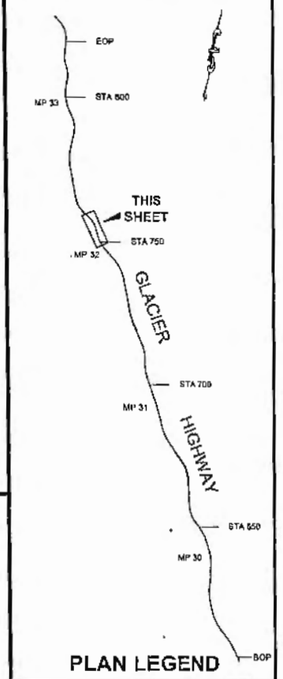
PATH: Q:\JUN\67526\PLANSET\C3D
PLANSET\67526 F1-F25
PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F17

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

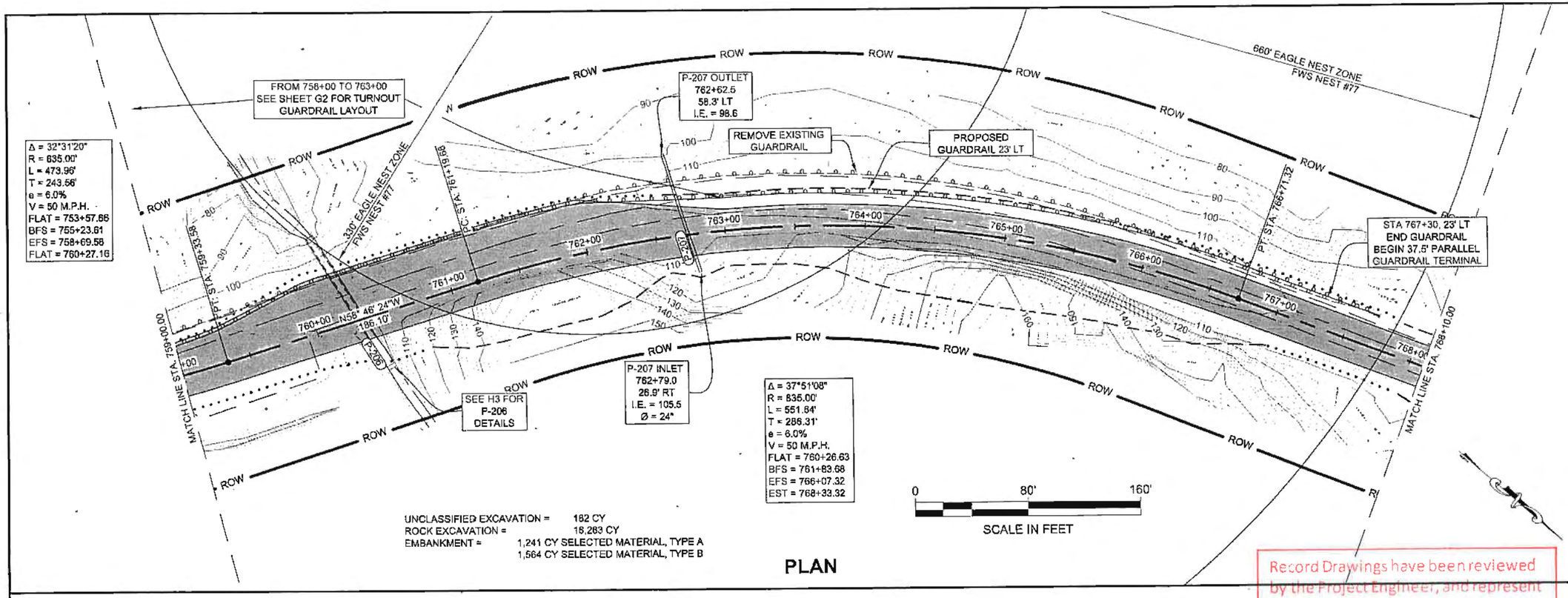
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

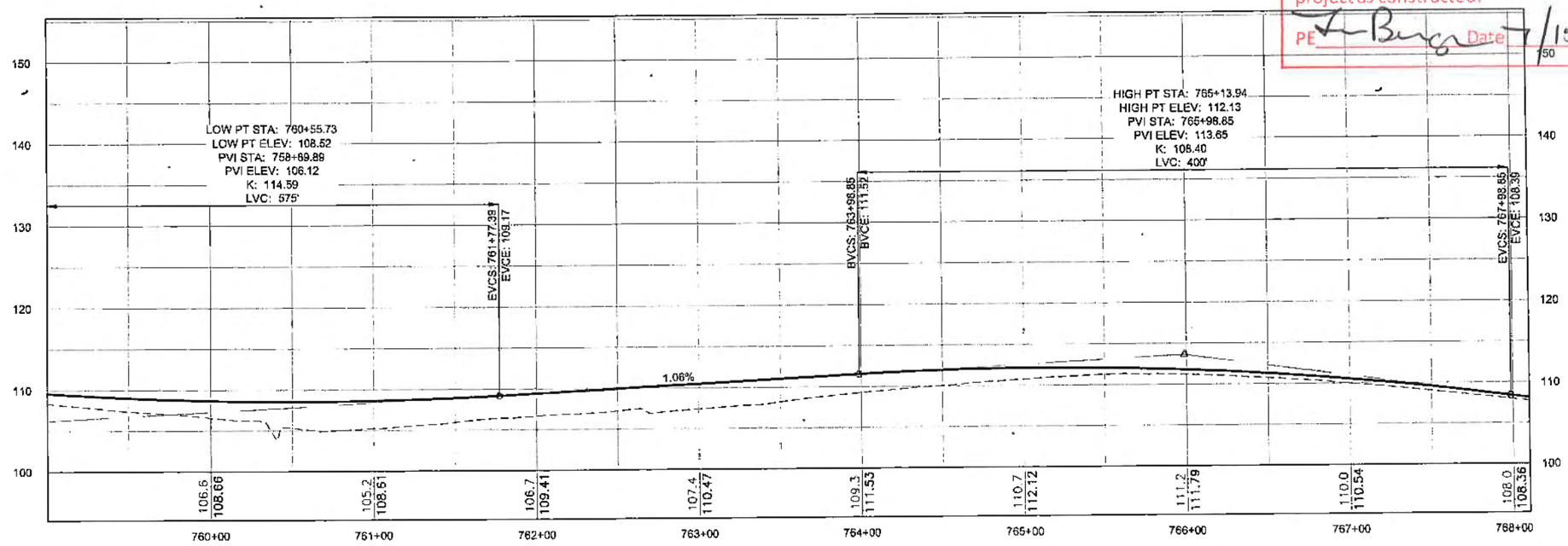
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F17	73



UNCLASSIFIED EXCAVATION = 182 CY
ROCK EXCAVATION = 18,283 CY
EMBANKMENT = 1,241 CY SELECTED MATERIAL, TYPE A
1,564 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Date 7/10/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: G:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

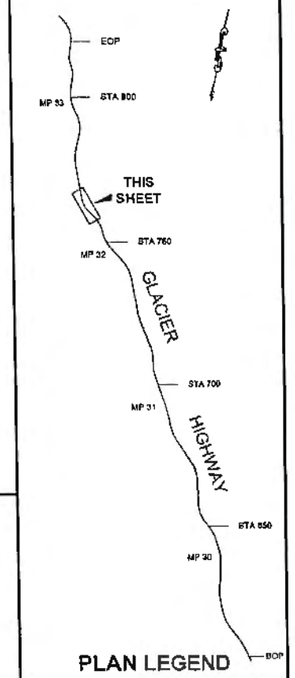
TAB: F18

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP 6/28/11

STATE OF ALASKA 49th Charles M. Tripp CE-9513 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

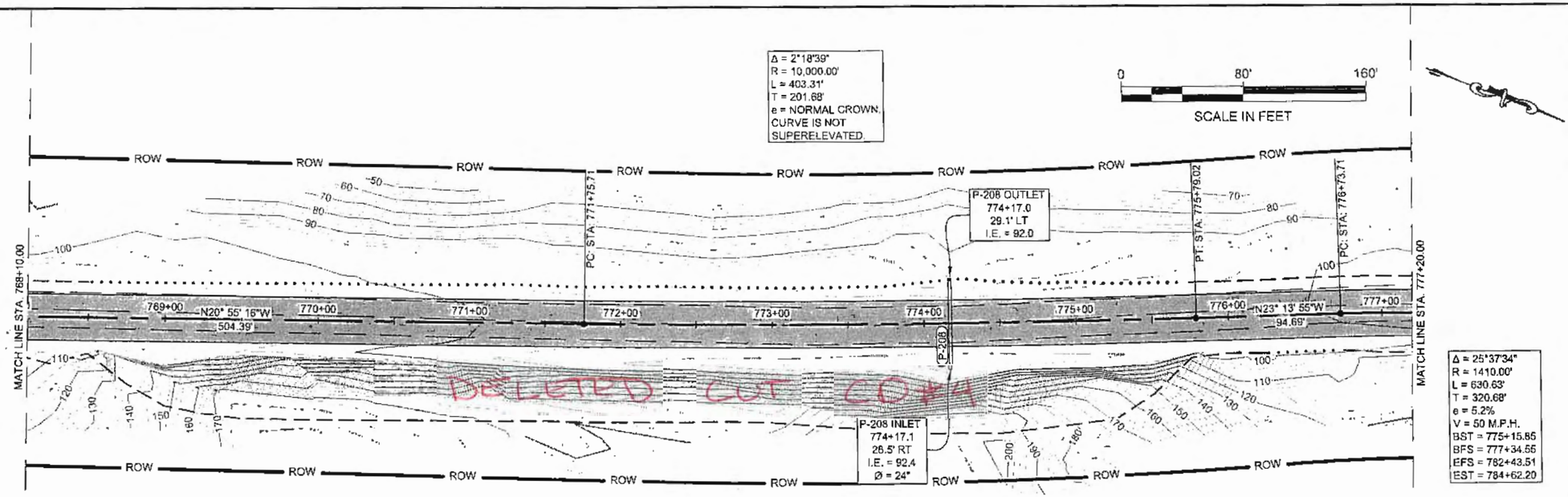
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

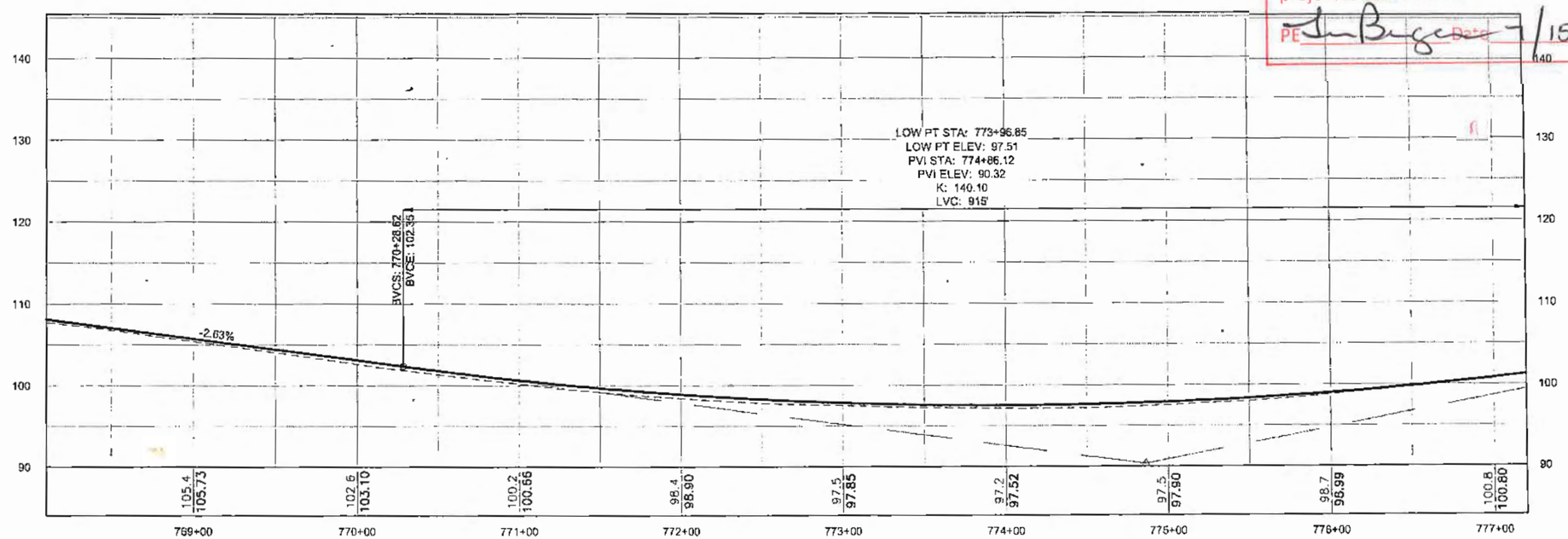
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F18	73



UNCLASSIFIED EXCAVATION = 675 CY
ROCK EXCAVATION = 32,700 CY
EMBANKMENT = 423 CY SELECTED MATERIAL, TYPE A
1722 CY SELECTED MATERIAL, TYPE B

PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Jon Burger Date 7/15/19

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 F1-F25 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

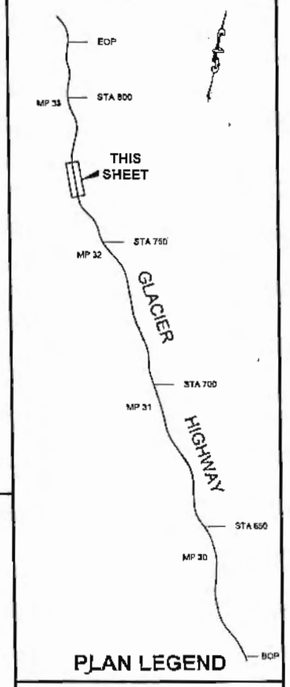
TAB: F19

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: J. WEAVER

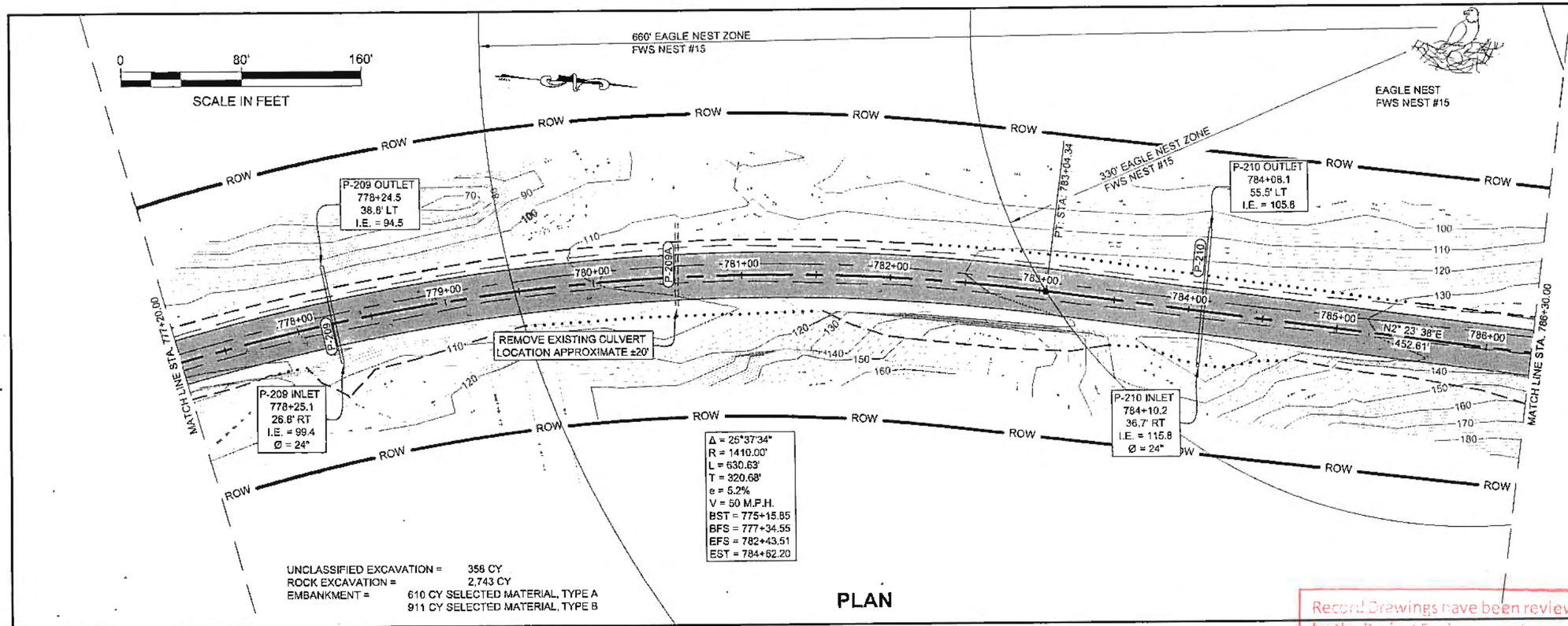
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

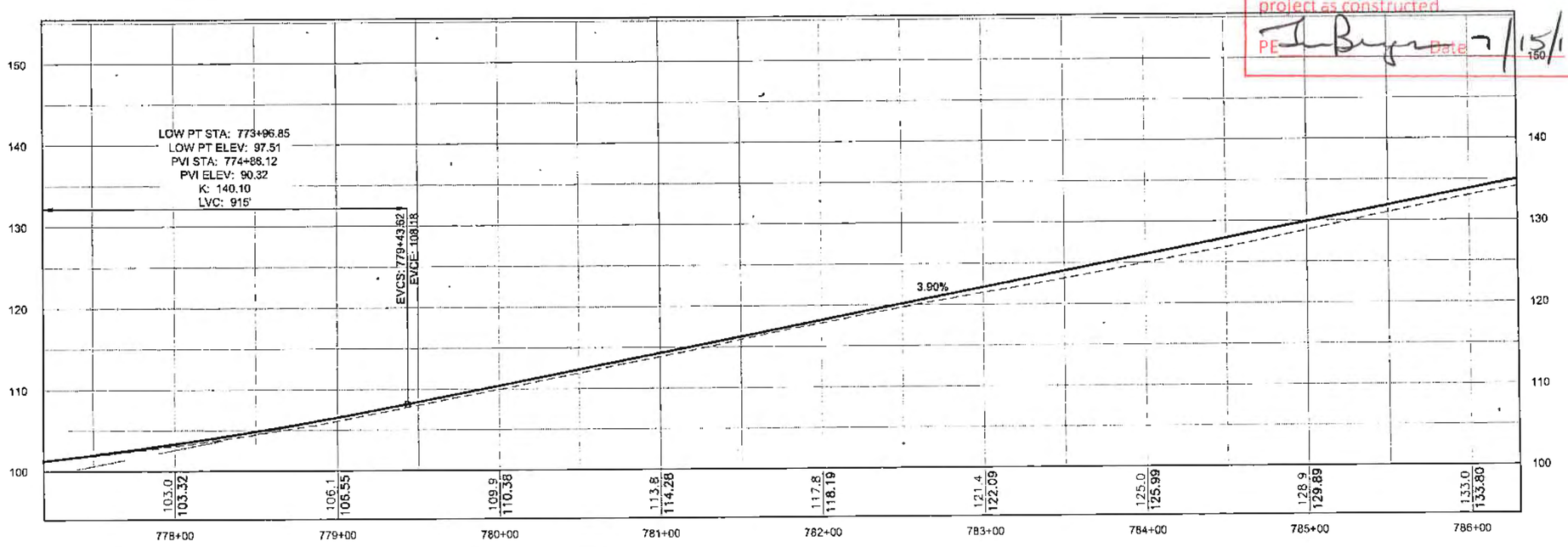
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F19	73



PLAN



PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

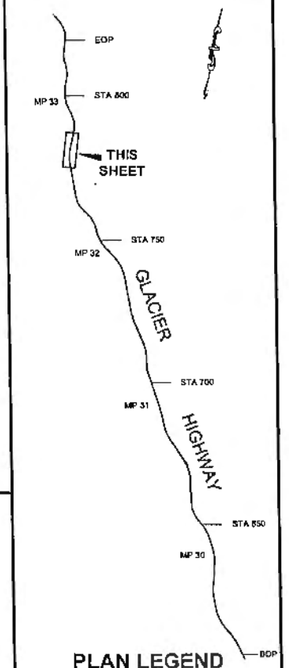
PATH: G:\JNU\67526\PLANSET\C3D
PLANSET67526 F1-F25
PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F20

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/23/11

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

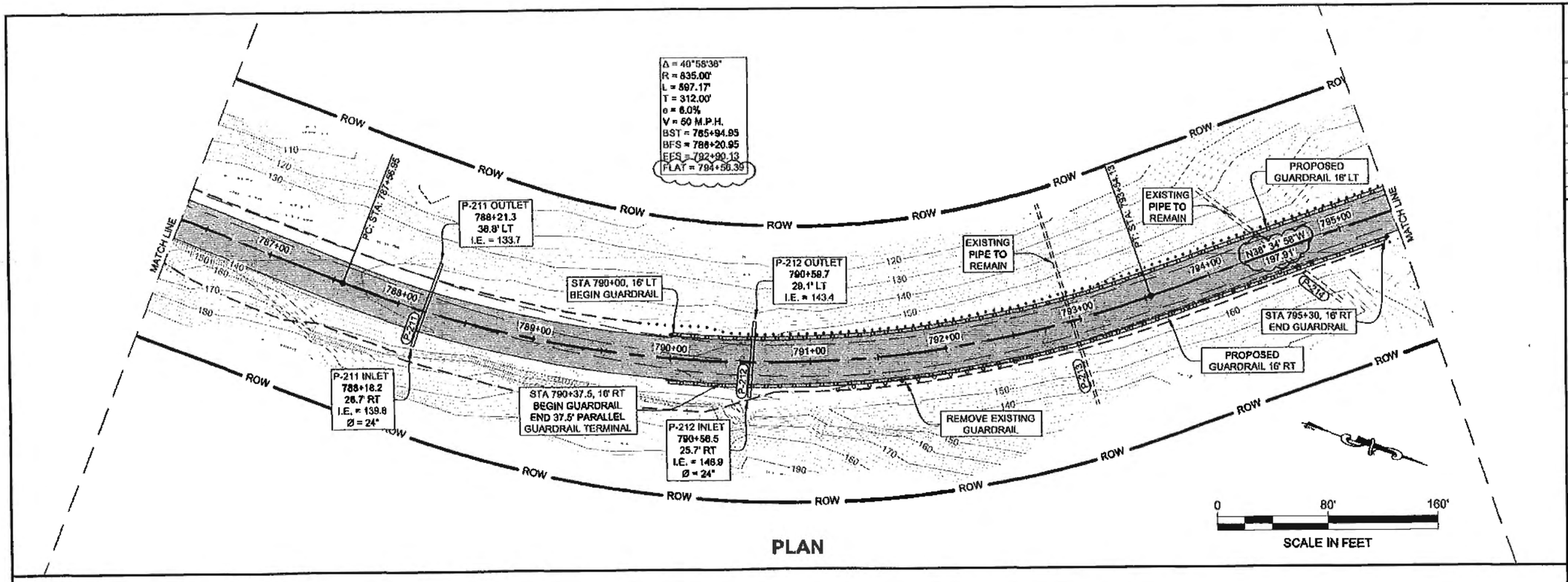
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

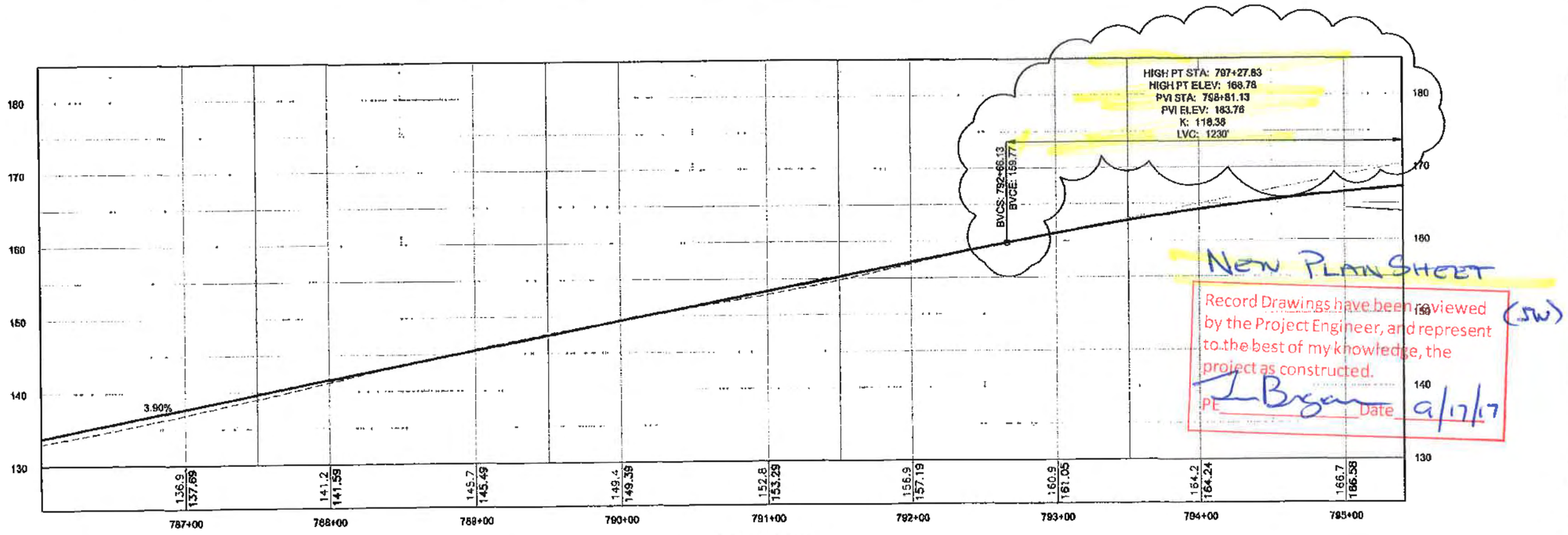
PLAN & PROFILE

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F20	73

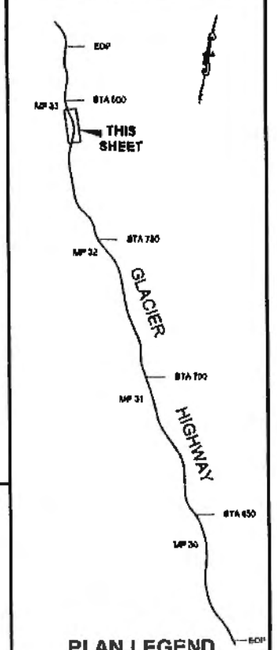


PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: G:\JNU\67526\ENDOCS\CONSTRUCTION\REDESIGN 4.795-807\67526 F22-F24 PLAN&PROFILE.DWG

WEAVER, JON M (DOT)

TAB: F21

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	8/28/13	REALIGNED TO ELIMINATE
		CUT AT 804+50 TO 807+50

CHECKED BY: C. TRIPP

STATE OF ALASKA
7749 TH
Jonathon M. Weaver
OE-13314
REGISTERED PROFESSIONAL ENGINEER
9/4/13

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

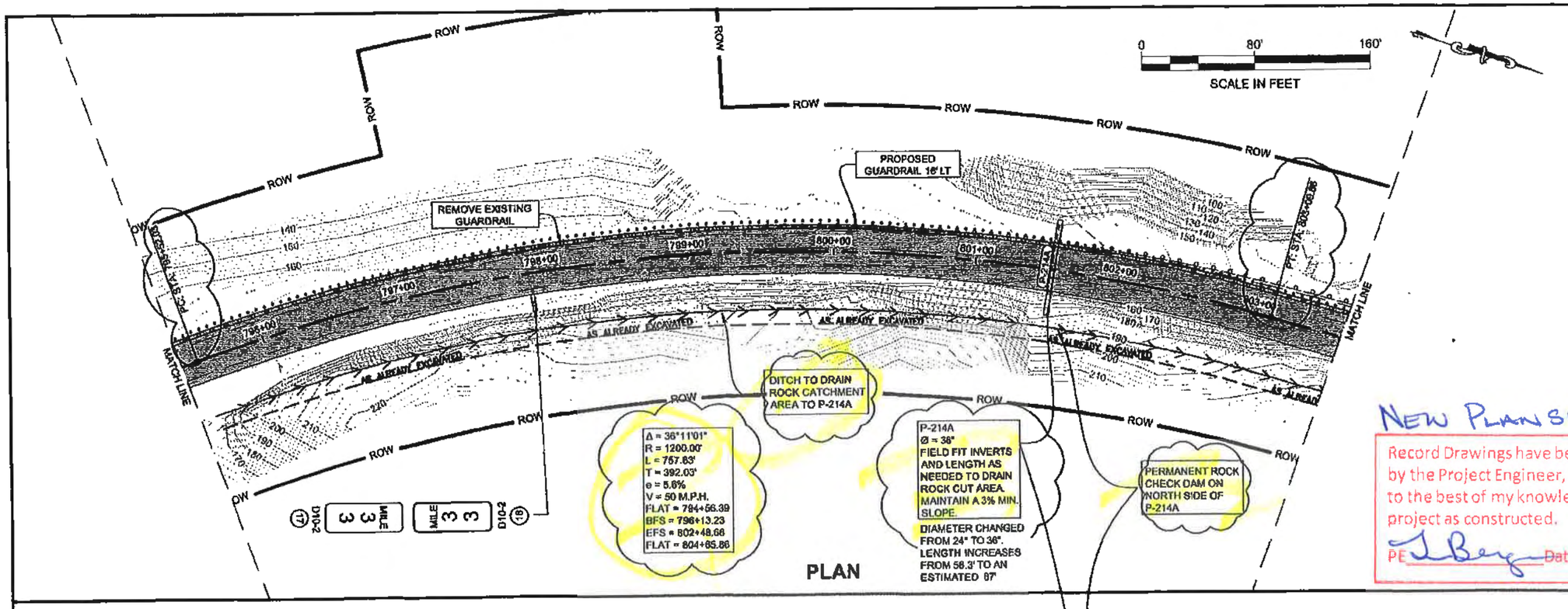
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

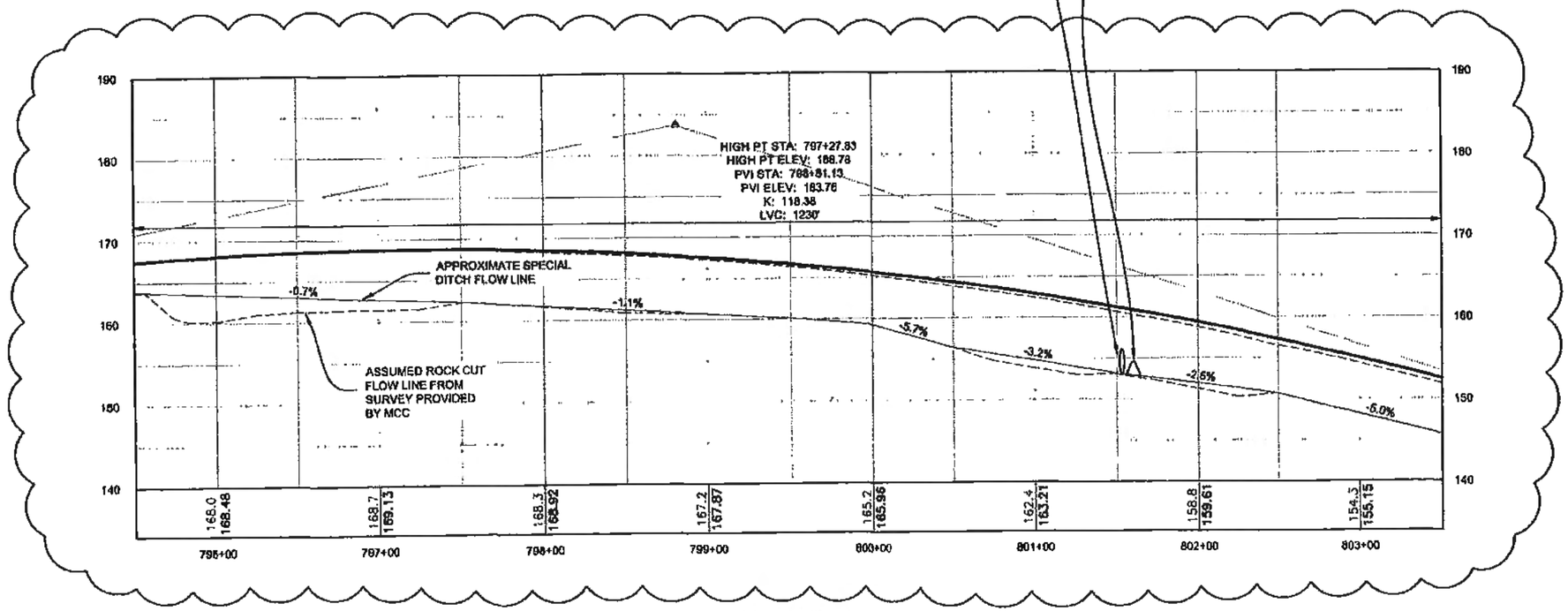
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F21	73

NEW PLAN SHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed. (JW)

PE J Bryan Date 9/17/17





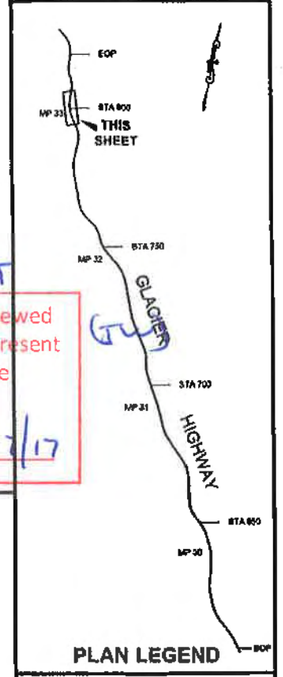
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\LING\67526\ENV\DOCS\CONSTRUCTION\RSO-2530 & 796-807\67526 F22-F24 PLAN&PROFILE.DWG
WEAVER, JON N (DOT)
TAB: F22

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	9/26/13	REALIGNED TO ELIMINATE CUT AT 804+50 TO 807+50



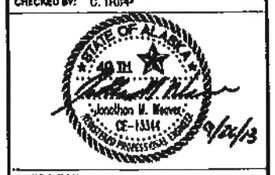
PLAN LEGEND

NEW PLAN SHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J Beyer Date 9/17/17

CHECKED BY: C. TRIPP



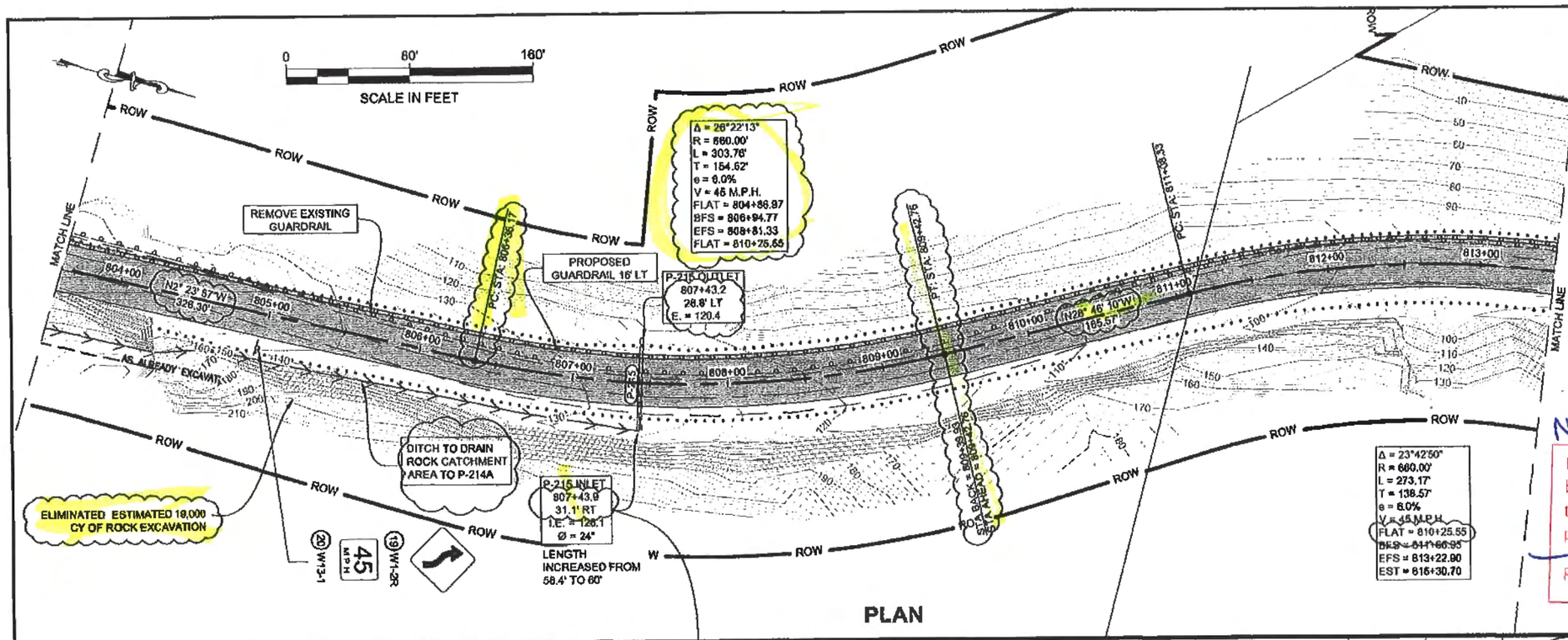
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F22	73

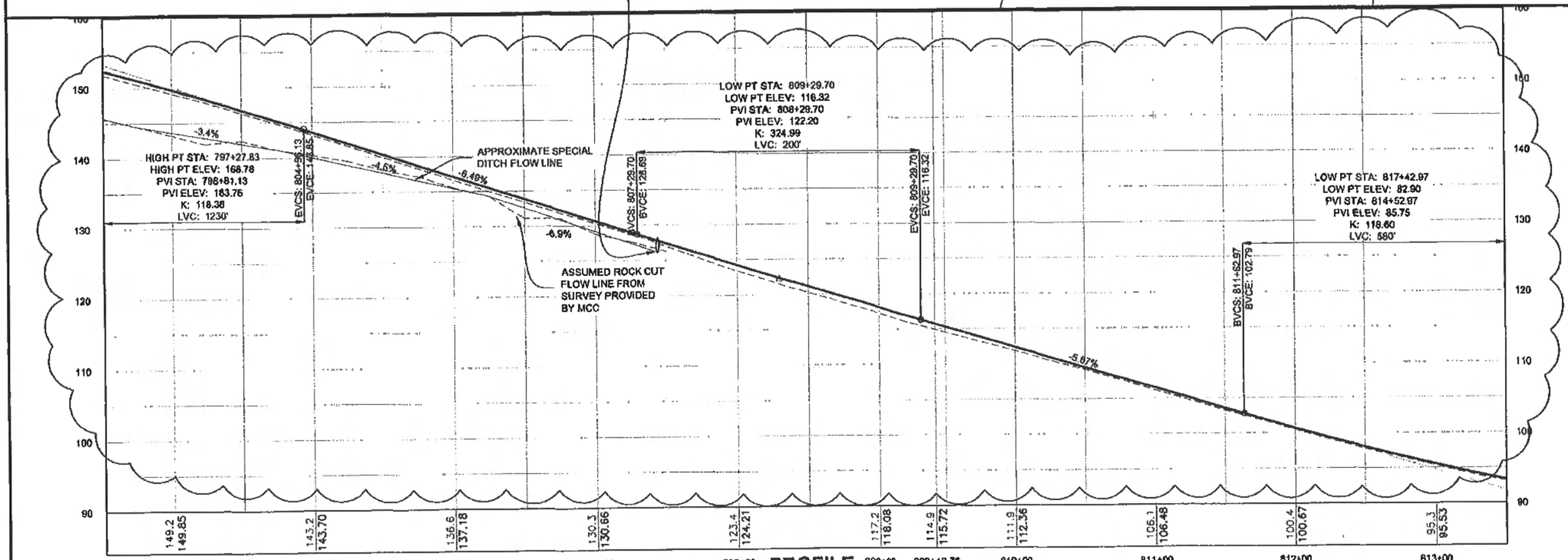


DELETED ROCK CUT PAST 804+00

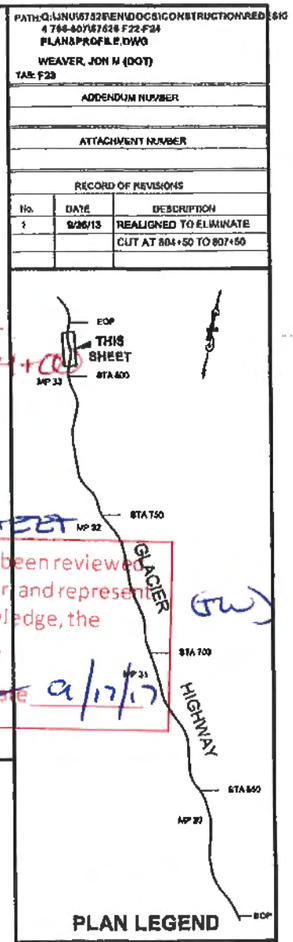
NEW PLAN SHEET

Record Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE _____ Date 9/17/17 (GW)



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH: Q:\JNU\67526\ENV\DOCS\CONSTRUCTION\RED 2016 4 766-80\67526 F22-F24 PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F23

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	9/26/13	REALIGNED TO ELIMINATE CUT AT 804+50 TO 807+50

CHECKED BY: G. TRIPP

STATE OF ALASKA 49TH — Jonathon M. Weaver, CE-13344, REGISTERED PROFESSIONAL ENGINEER — 9/26/13

DESIGNED BY: J. WEAVER

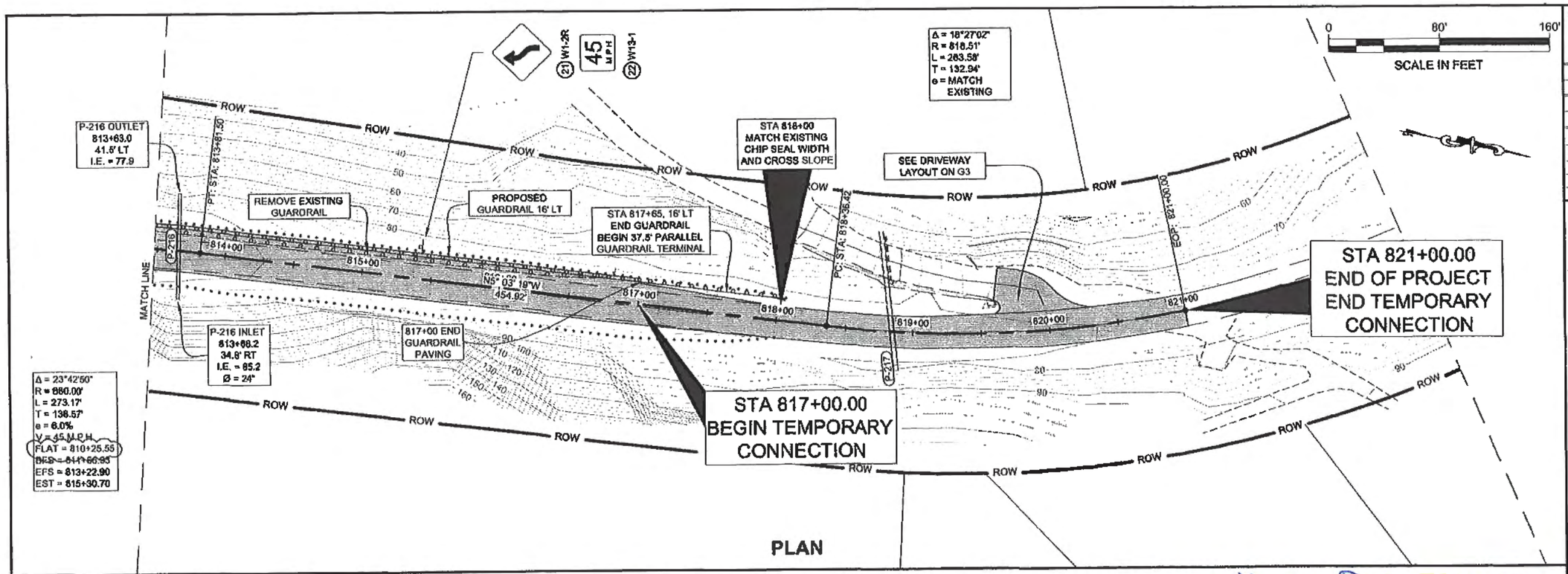
DRAWN BY: J. WEAVER

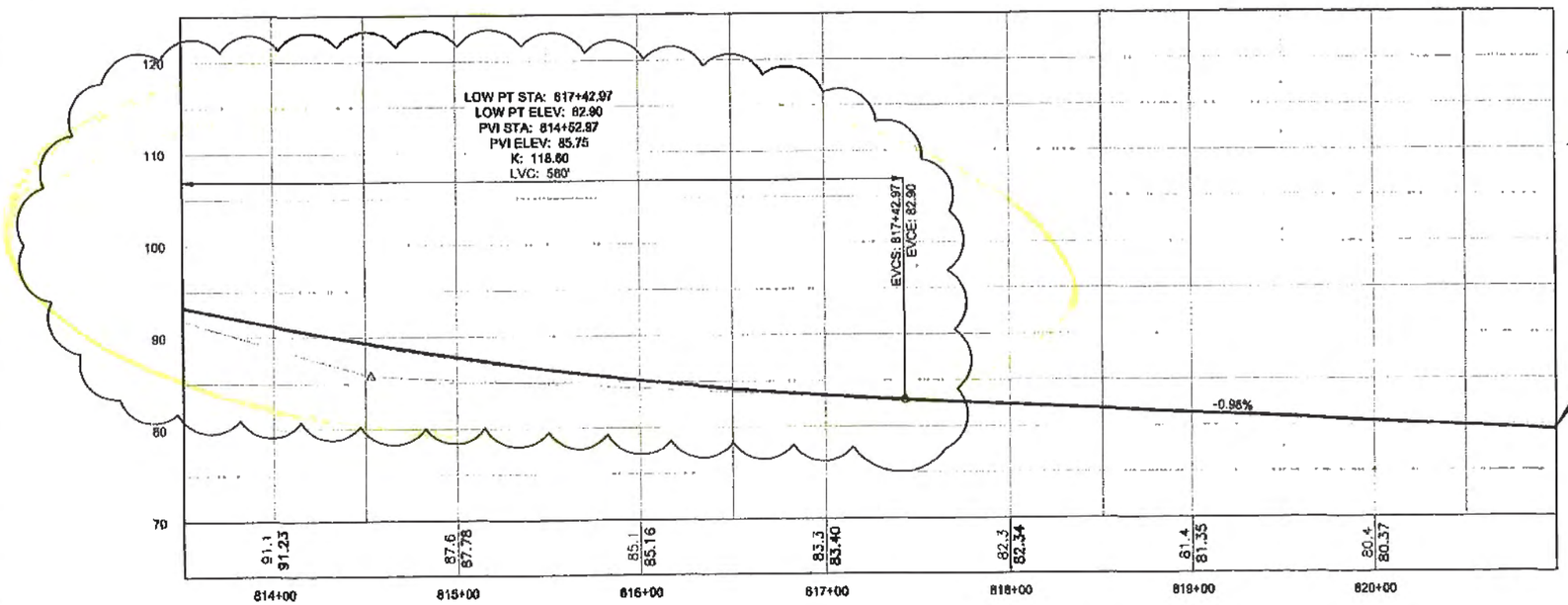
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F23	73

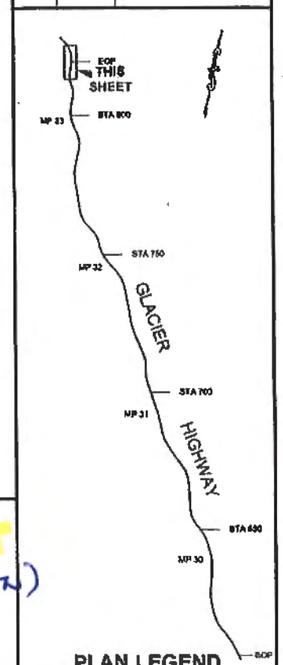




NEW PLANSHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed. (JN)

PE _____ Date 9/17/17



PLAN LEGEND

PATH: G:\JN\67526\ENGDOCS\CONSTRUCTION\REDLINE
4 796-807#7526 P22-F34
PLAN&PROFIL E.DWG
WEAVER, JOHN N (DOT)
TAB: F24

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	9/26/13	REALIGNED TO ELIMINATE
		CUT AT 804+50 TO 807+50

CHECKED BY: C. TRIPP

STATE OF ALASKA
49TH
Jonathon M. Weaver
CE-13314
REGISTERED PROFESSIONAL ENGINEER
9/26/13

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

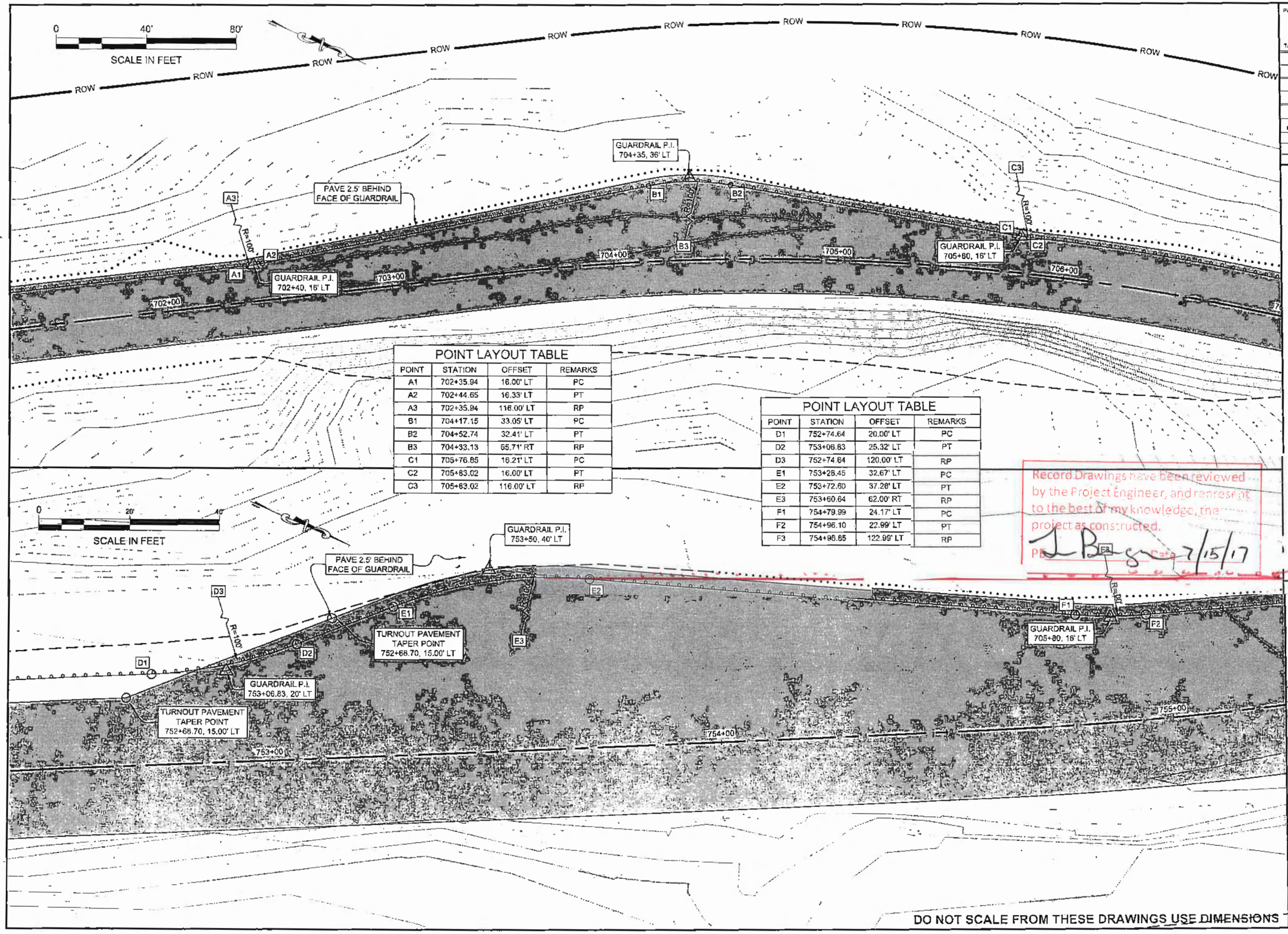
PLAN & PROFILE

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F24	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



POINT LAYOUT TABLE

POINT	STATION	OFFSET	REMARKS
A1	702+35.94	16.00' LT	PC
A2	702+44.65	16.33' LT	PT
A3	702+35.94	116.00' LT	RP
B1	704+17.15	33.05' LT	PC
B2	704+52.74	32.41' LT	PT
B3	704+33.13	65.71' RT	RP
C1	705+76.85	16.21' LT	PC
C2	705+83.02	16.00' LT	PT
C3	705+83.02	116.00' LT	RP

POINT LAYOUT TABLE

POINT	STATION	OFFSET	REMARKS
D1	752+74.64	20.00' LT	PC
D2	753+06.83	25.32' LT	PT
D3	752+74.64	120.00' LT	RP
E1	753+28.45	32.67' LT	PC
E2	753+72.60	37.28' LT	PT
E3	753+60.64	62.00' RT	RP
F1	754+79.99	24.17' LT	PC
F2	754+96.10	22.99' LT	PT
F3	754+96.85	122.99' LT	RP

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J Bryan Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 G1-G2 INTERSECTIONS.DWG

WEAVER, JON M (DOT)

TAB: G1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

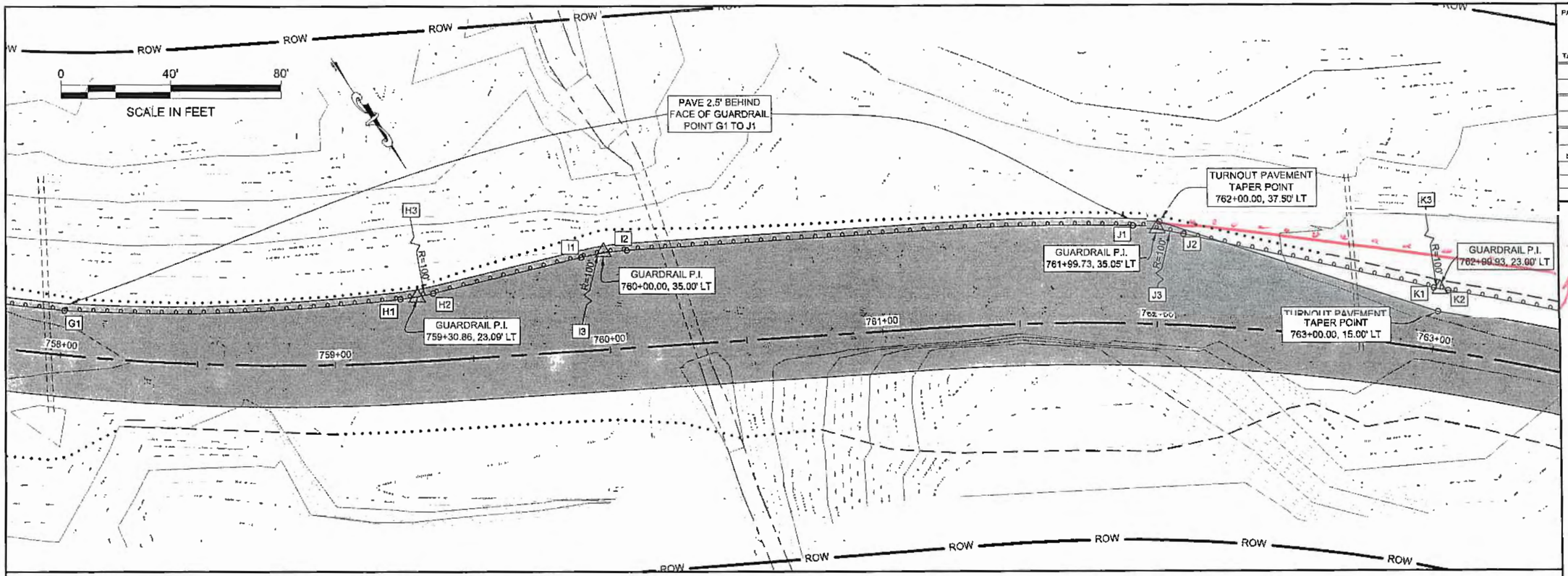
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

TURNOUT LAYOUT

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
G1	73



TRANSITION LAYOUT TABLE					
STATION	OFFSET	STATION	OFFSET	STATION	OFFSET
758+00.0	16.00' LT	758+43.75	17.82' LT	758+87.5	20.43' LT
758+06.25	16.26' LT	758+50.0	18.08' LT	758+93.75	20.82' LT
758+12.5	16.52' LT	758+56.25	18.47' LT	759+00.0	21.21' LT
758+15.5	16.78' LT	758+62.5	18.86' LT	759+06.25	21.60' LT
758+25.0	17.04' LT	758+68.75	19.26' LT	759+12.5	21.99' LT
758+31.25	17.30' RT	758+75.0	19.65' LT	759+18.75	22.38' LT
758+37.5	17.56' LT	758+81.25	20.04' LT	759+25.0	22.77' LT

THE GUARDRAIL TRANSITIONS AT A RATE OF 24:1 (LONGITUDINAL TO TRANSVERSE) RELATIVE TO CENTERLINE FROM 16' LT AT 758+00 (POINT G1) TO 18.2' LT NEAR 758+56. IT THEN TRANSITIONS AT A RATE OF 16:1 RELATIVE TO CENTERLINE TO THE GUARDRAIL P.I. NEAR 23' LT, 759+30. THIS TABLE SHOWS STATION AND OFFSET EVERY 6'-3", APPROXIMATING GUARDRAIL POST LOCATION. THIS SHOULD BE MODIFIED IN THE FIELD TO ACHIEVE THE TRANSITION RATES DESCRIBED ABOVE.

POINT LAYOUT TABLE			
POINT	STATION	OFFSET	REMARKS
G1	758+00.00	16.00' LT	BEGIN TRANSITION
H1	759+24.67	22.75' LT	PC
H2	759+36.89	24.12' LT	PT
H3	759+17.56	122.54' LT	RP
I1	759+91.57	33.55' LT	PC
I2	760+08.55	35.00' LT	PT
I3	760+08.55	65.00' RT	RP
J1	761+90.76	35.00' LT	PC
J2	762+08.57	33.47' LT	PT
J3	761+90.76	65.00' RT	RP
K1	762+97.38	23.15' LT	PC
K2	763+02.48	23.00' LT	PT
K3	763+02.48	123.00' LT	RP

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\JNU\67526\PLANSET\C3D PLANSET\67526 G1-G2 INTERSECTIONS.DWG
WEAVER, JON M (DOT)
TAB: G2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP 7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9513 REGISTERED PROFESSIONAL ENGINEER

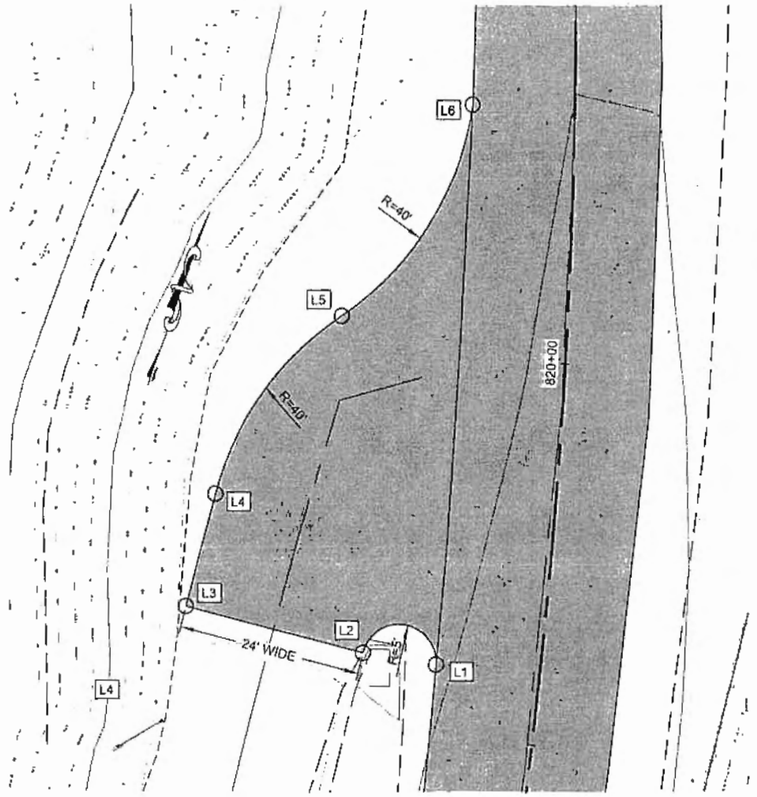
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

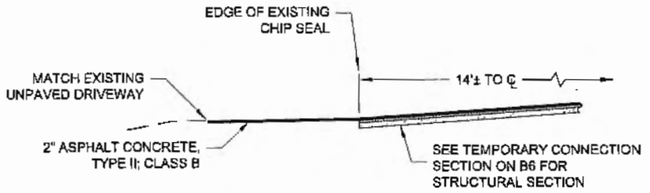
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

TURNOUT LAYOUT

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
G2	73



PLAN



PROFILE

POINT LAYOUT TABLE			
POINT	STATION	OFFSET	REMARKS
L1	819+56.1	13.8' LT	
L2	819+59.5	23.8' LT	ADJUST AS NEEDED TO AVOID IMPACTING ROCKERY WALL
L3	819+63.2	47.4' LT	
L4	819+79.1	45.0' LT	
L5	820+04.6	30.0 LT	
L6	820+33.5	13.6' LT	

ADLERSHEIM LODGE DRIVEWAY

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE T. Burger Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67525 G1-G2 INTERSECTIONS.DWG
WEAVER, JON M (DOT)
TAB: G3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-17
STATE OF ALASKA 49th
Charles M. Tripp
CE-9513
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

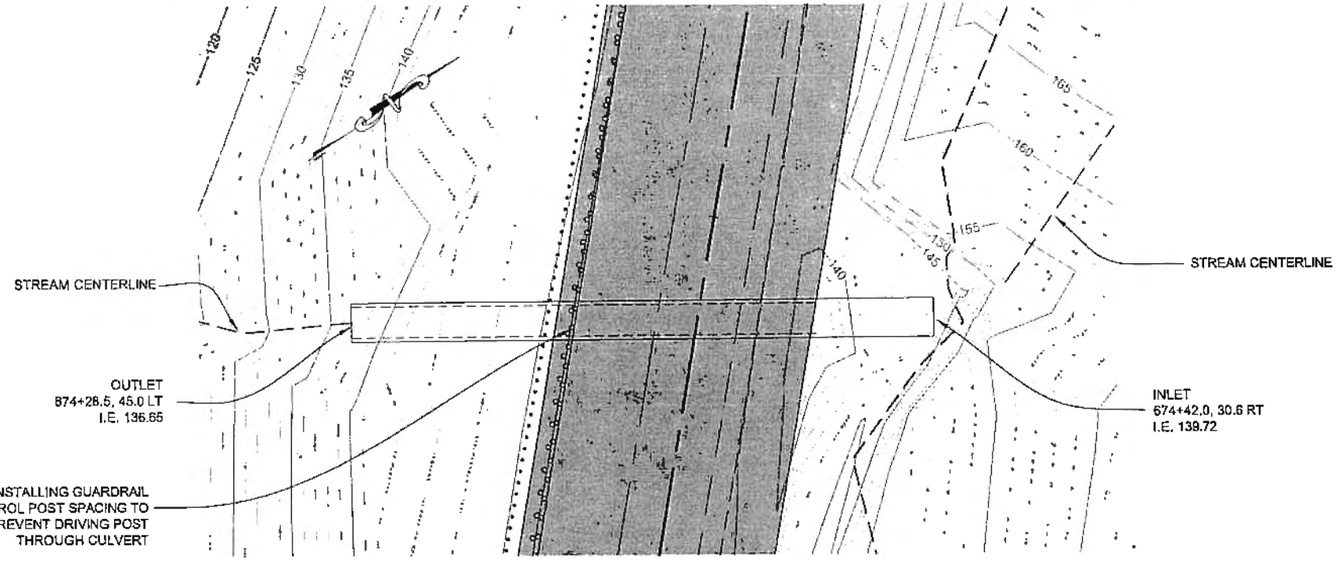
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

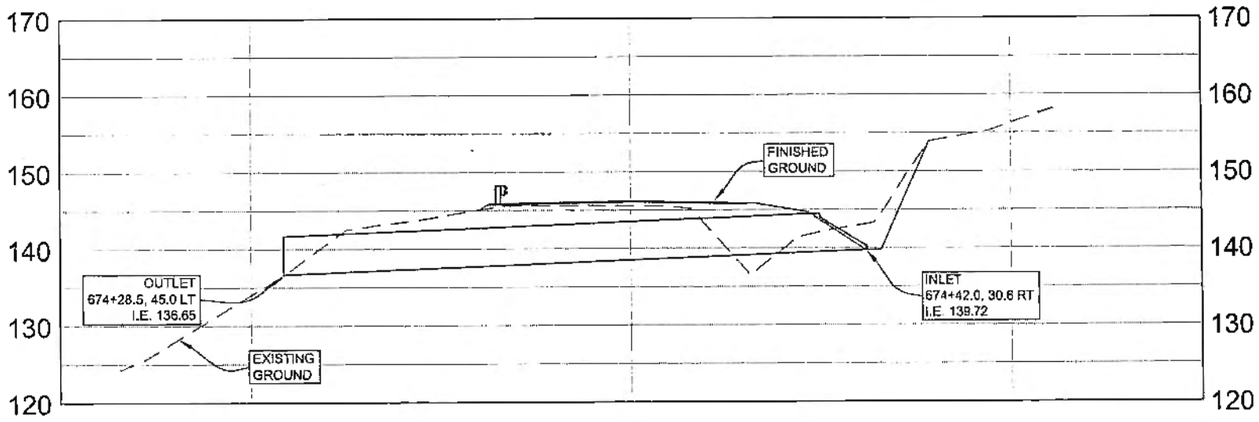
DRIVEWAY LAYOUT

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

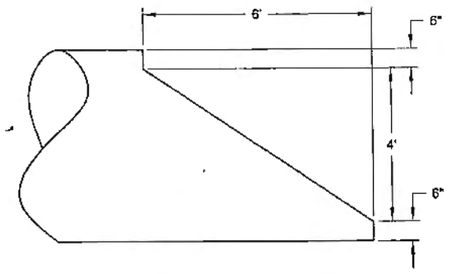
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
G3	73



P-183 PLAN VIEW



P-183 PROFILE VIEW



INLET MITER DETAIL

CULVERT DATA	
CULVERT ID	P-183
CULVERT DIA, IN	60
DRAINAGE AREA, AC	135
LENGTH, FT	76.78
HWY CL ELEV, FT	146.20
INLET INVERT ELEV, FT	139.72
OUTLET INVET ELEV, FT	136.65
Hw ELEV @ Q50, FT	144.34
Hw/D RATIO, Q50	1.07
END TREATMENT	MITER INTAKE

HYDRAULIC SUMMARY		
RETURN PERIOD	FLOWRATE, (CFS)	HEADWATER ELEV, (FT)
Q2	41	142.30
Q50	103	144.34
Q100	116	144.77
Q500	146	145.87
CAPACITY	> Q50 AND Q100	
DISCHARGE WHEN Hw/D = 1, CFS	116	
DISCHARGE REQ'D TO OVERTOP ROADWAY, CFS	154	
ROADWAY OVERTOPPING RECCURANCE PROBABILITY	< 0.5%	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Bruce Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 H1-H4 LARGE CULVERT LAYOUTS.DWG

WEAVER, JON M (DOT)

TAB: H1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CULVERT P-183 DETAILS

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Robert E. Trousil, Jr. CE-12504 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

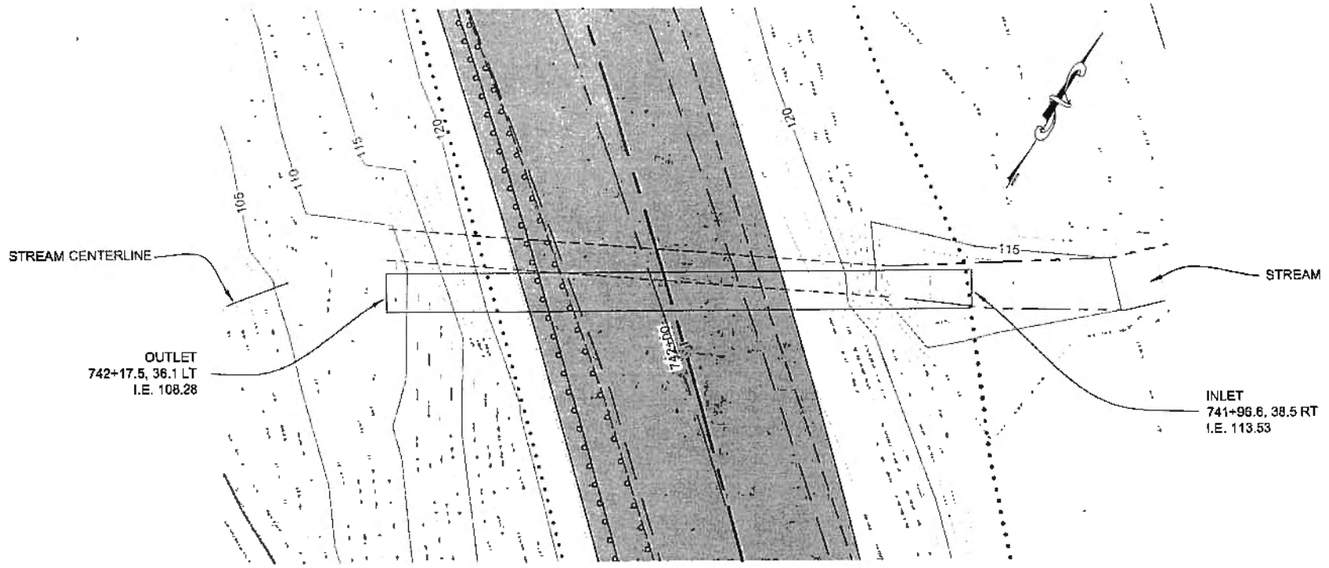
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

LARGE CULVERT DETAILS

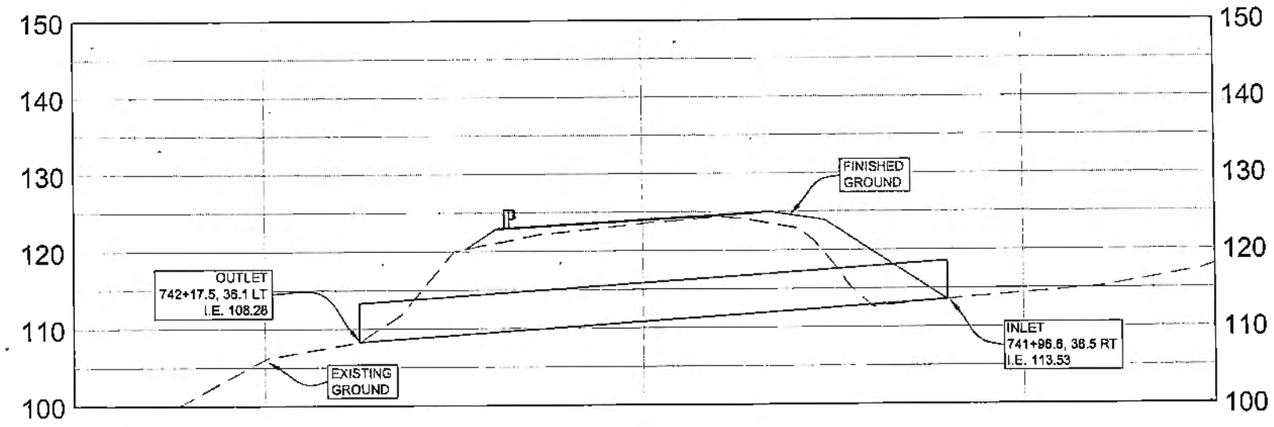
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
H1	73



P-202 PLAN VIEW



P-202 PROFILE VIEW

CULVERT DATA	
CULVERT ID	P-202
CULVERT DIA, IN	60
DRAINAGE AREA, AC	155
LENGTH, FT	77.45
HWY CL ELEV, FT	124.06
INLET INVERT ELEV, FT	113.53
OUTLET INVET ELEV, FT	108.28
Hw ELEV @ Q50, FT	118.51
Hw/D RATIO, Q50	1.00
END TREATMENT	NONE

HYDRAULIC SUMMARY		
RETURN PERIOD	FLOWRATE, (CFS)	HEADWATER ELEV, (FT)
Q2	46	116.22
Q50	116	118.51
Q100	130	119.00
Q500	164	122.33
CAPACITY	> Q50 AND Q100	
DISCHARGE WHEN Hw/D = 1, CFS	116	
DISCHARGE RQD TO OVERTOP ROADWAY, CFS	232	
ROADWAY OVERTOPPING RECCURANCE PROBABILITY	< 0.5%	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Brown Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 H1-H4 LARGE CULVERT LAYOUTS.DWG

WEAVER, JON M (DOT)

TAB: H2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

LARGE CULVERT P-202 DETAILS

CHECKED BY: C. TRIPP

STATE OF ALASKA 49TH Robert E. Trousil, Jr. CE-12504 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL

DRAWN BY: J. WEAVER

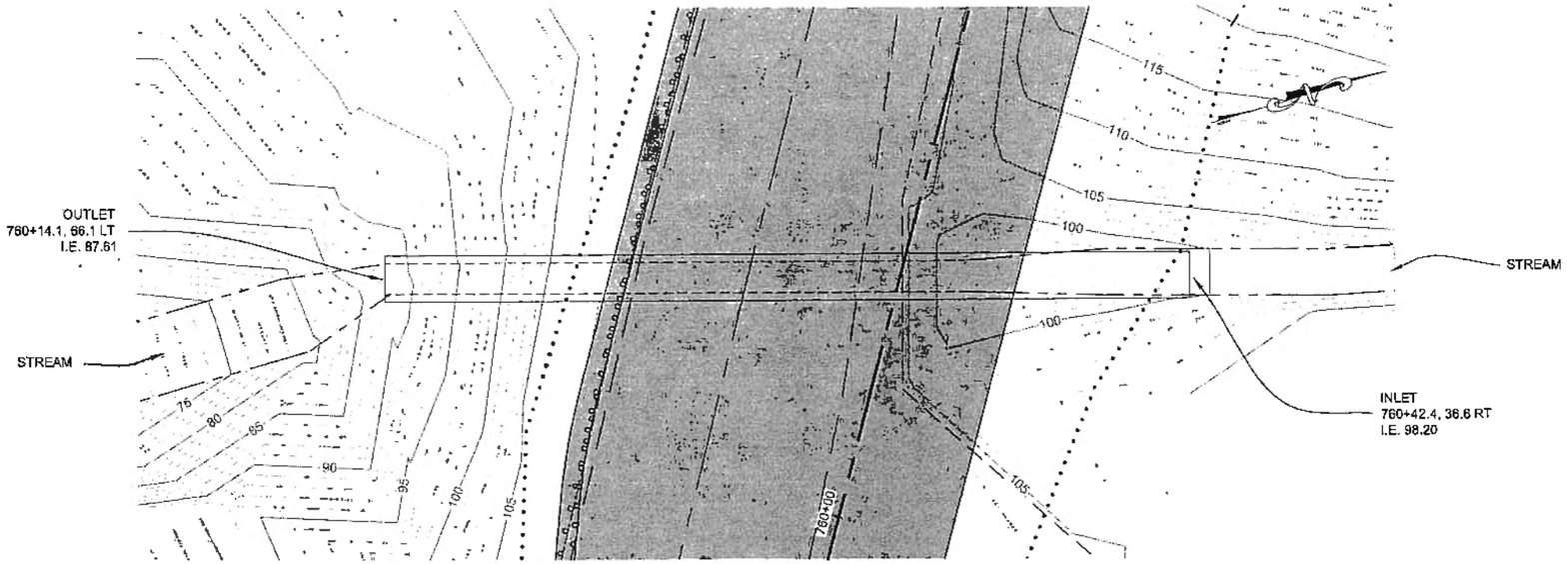
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

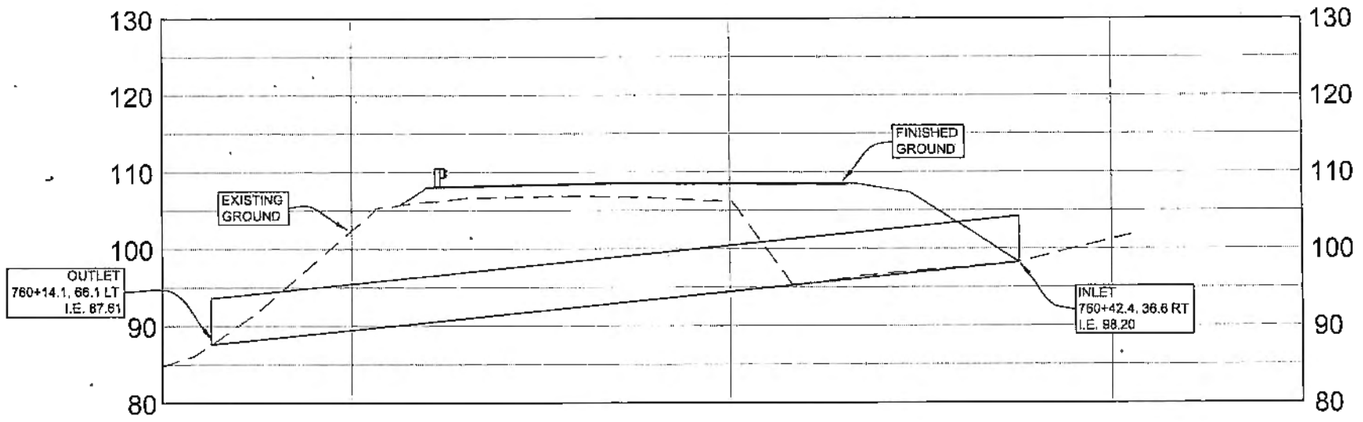
LARGE CULVERT DETAILS

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
H2	73



P-206 PLAN VIEW



P-206 PROFILE VIEW

CULVERT DATA	
CULVERT ID	P-206
CULVERT DIA, IN	72
DRAINAGE AREA, AC	209
LENGTH, FT	107.14
HWY CL ELEV, FT	108.55
INLET INVERT ELEV, FT	98.20
OUTLET INVET ELEV, FT	87.61
Hw ELEV @ Q50, FT	102.72
Hw/D RATIO, Q50	0.75
END TREATMENT	NONE

HYDRAULIC SUMMARY		
RETURN PERIOD	FLOWRATE, (CFS)	HEADWATER ELEV, (FT)
Q2	51	100.78
Q50	126	102.72
Q100	143	103.09
Q500	181	104.03
CAPACITY	> Q50 AND Q100	
DISCHARGE WHEN Hw/D = 1, CFS	190	
DISCHARGE RQD TO OVERTOP ROADWAY, CFS	319	
ROADWAY OVERTOPPING RECCURANCE PROBABILITY	< 0.5%	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 H1-H4 LARGE CULVERT LAYOUTS.DWG

WEAVER, JON M (DOT)

TAB: H3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CULVERT P-206 DETAILS

CHECKED BY: C. TRIPP

STATE OF ALASKA — 12504 — 6-24-21 — Robert E. Trousil, Jr. — CE-12504 — REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

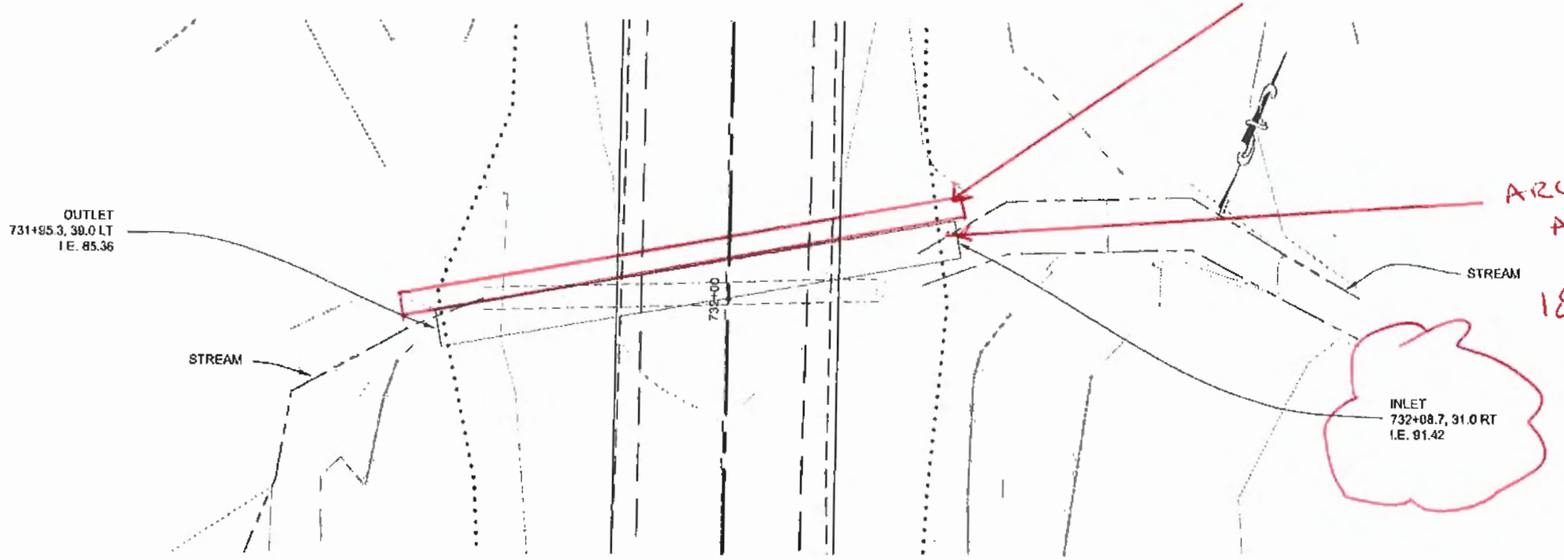
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

LARGE CULVERT DETAILS

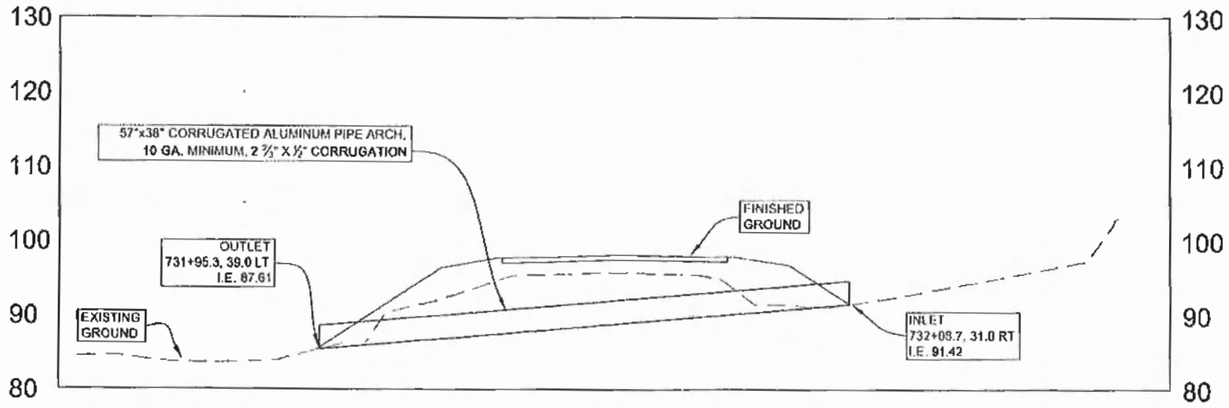
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
H3	73



P-200 PLAN VIEW



P-200 PROFILE VIEW

CULVERT DATA	
CULVERT ID	P-200
CULVERT STA	732+08
CULVERT SIZE	57x38
DRAINAGE AREA, AC	91.21
LENGTH, FT	71.54
HWY CL ELEV, FT	98
INLET INVERT ELEV, FT	91.42
OUTLET INVET ELEV, FT	85.36
Hw ELEV @ Q50, FT	95.10
Hw/D RATIO, Q50	1.16
END TREATMENT	NONE

HYDRAULIC SUMMARY		
RETURN PERIOD	FLOWRATE, (CFS)	HEADWATER ELEV, (FT)
Q2	30	93.3
Q50	75	95.1
Q100	84	95.7
Q500	106	97.0
DISCHARGE WHEN Hw/D = 1, CFS	65	
DISCHARGE RQD TO OVERTOP ROADWAY, CFS	118	
ROADWAY OVERTOPPING RECCURANCE PROBABILITY	>Q500	

ADDED 18" CMP

ARCH PIPE NOT ADEQUATE R.TROUSIL ALLOWED FOR SECONDARY 18" CULVERT down station

NEW PLANSHEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J Bing Date 9/12/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\NU\67526\ENV\DOCS\CONSTRUCTION\REDESIG 3 P-200\67526 H4 LARGE CULVERT LAYOUTS.DWG

WEAVER, JON M (DOT)

TAB: H4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

CULVERT P-200 DETAILS

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th STATE Robert E. Trousil Jr. CE-12104 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

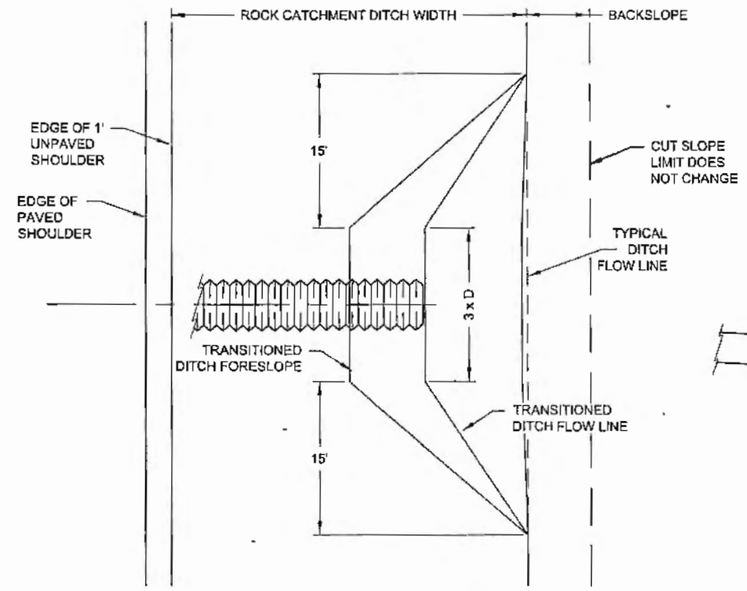
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

LARGE CULVERT DETAILS

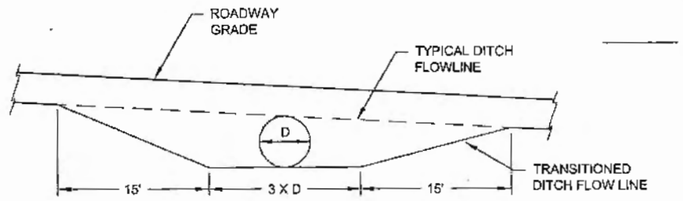
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2012

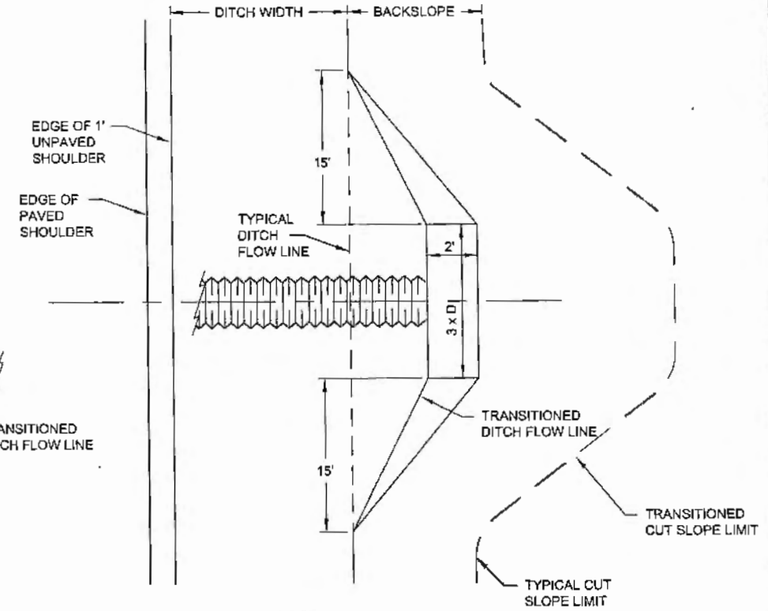
SHEET NUMBER	TOTAL SHEETS
H4	73



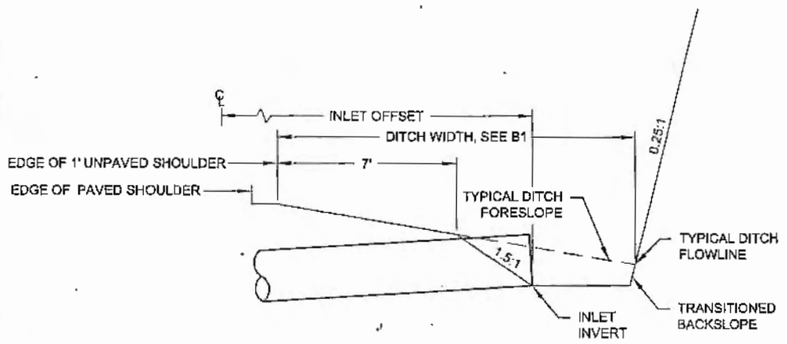
PLAN - ROCK BACKSLOPE



ELEVATION
SOIL AND ROCK BACKSLOPE



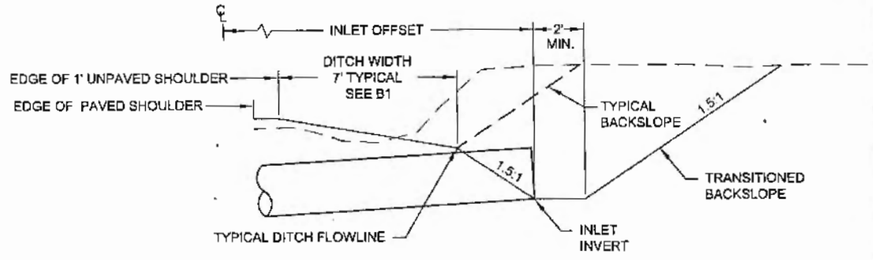
PLAN - SOIL BACKSLOPE



SECTION - ROCK BACKSLOPE

HILLSIDE INLET NOTES:

1. SOIL BACKSLOPE DITCH GRADE TRANSITIONS FROM V BOTTOM DITCH TO 2' FLAT BOTTOM DITCH.
2. D = CULVERT DIAMETER



SECTION - SOIL BACKSLOPE

HILLSIDE INLET DETAILS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: G:\JNU\67526\PLANSETC3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

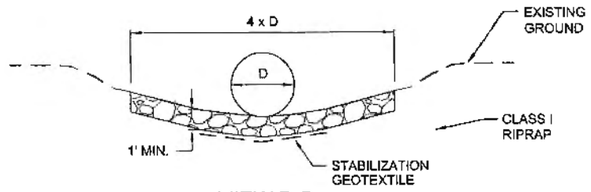
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS DETAILS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

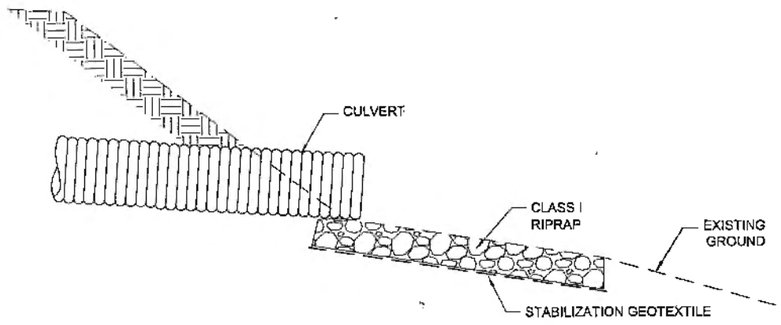
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J1	73



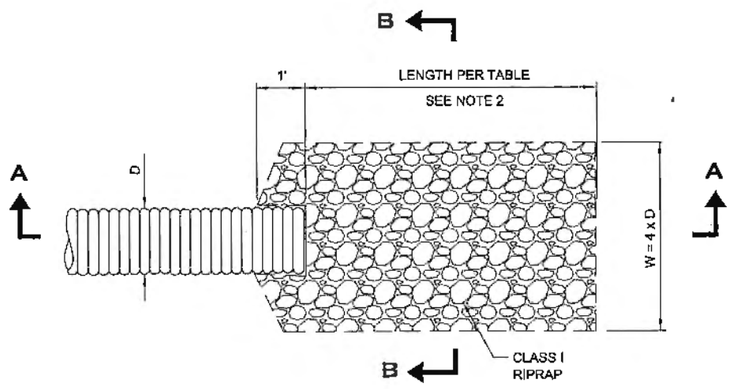
VIEW B-B

NOTES:

1. FOR CULVERT LOCATIONS AND REPLACEMENT SEE SHEET D1.
2. SEE RIPRAP LINED OUTLET SUMMARY ON SHEET D1

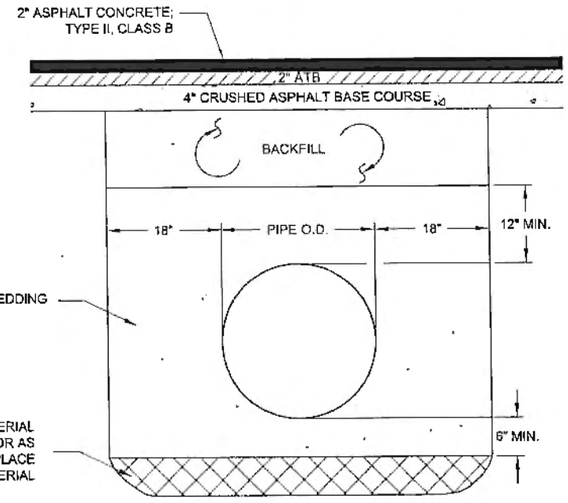


SECTION A-A

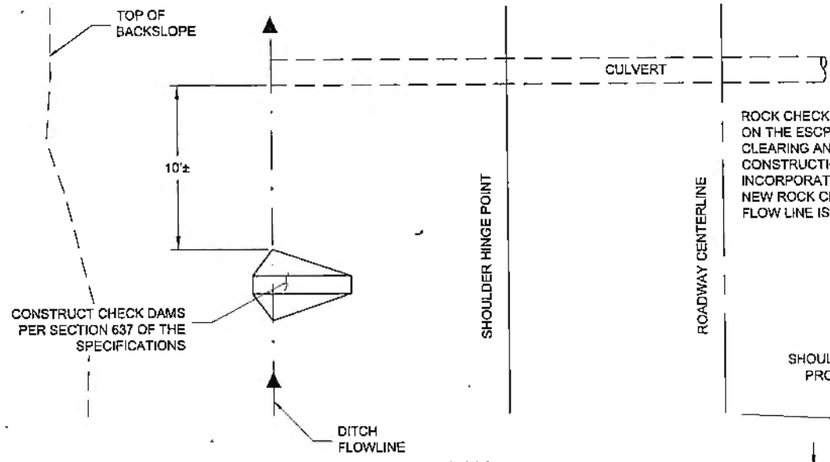


PLAN

RIPRAP LINED OUTLET APRON DETAIL

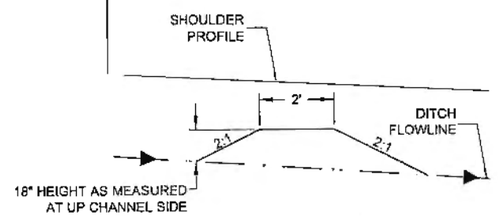


CULVERT BEDDING/BACKFILL DETAIL

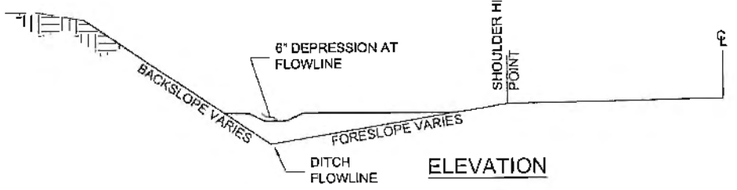


PLAN

ROCK CHECK DAMS SHALL BE CONSTRUCTED AT LOCATIONS INDICATED ON THE ESCP SHEETS OR AS DIRECTED BY THE ENGINEER PRIOR TO CLEARING AND GRUBBING. IF THE DITCH FLOW LINE CHANGES AS CONSTRUCTION PROGRESSES, REMOVE THE INITIAL DAM OR INCORPORATE INTO THE EMBANKMENT AS APPLICABLE, AND CONSTRUCT NEW ROCK CHECK DAMS IMMEDIATELY AFTER THE PROPOSED DITCH FLOW LINE IS ESTABLISHED.



PROFILE



ELEVATION

ROCK CHECK DAM DETAILS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/5/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J2

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA 49th Charles M. Tripp CE-9813 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

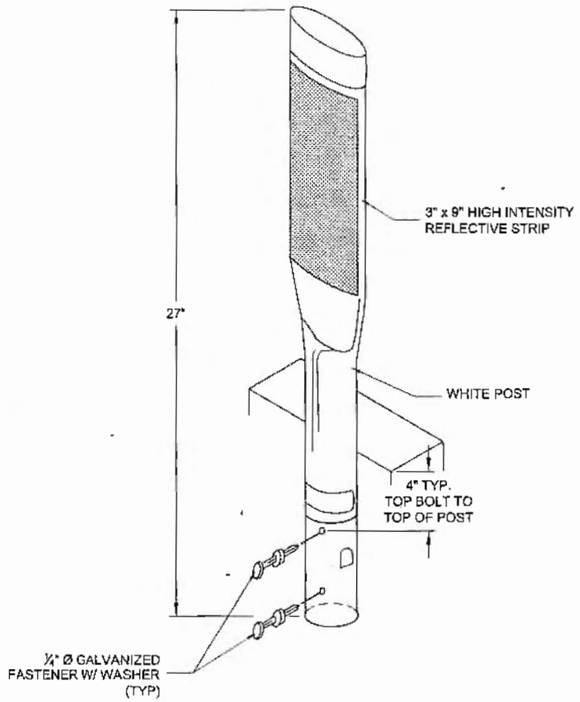
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS DETAILS

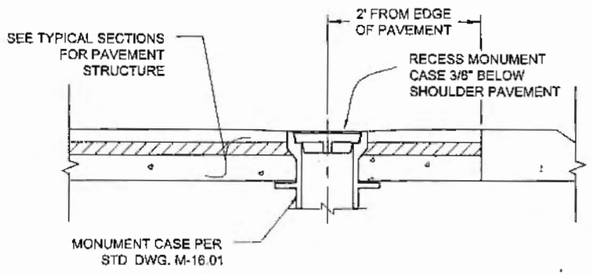
PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J2	73



FLEXIBLE GUARDRAIL DELINEATOR DETAIL

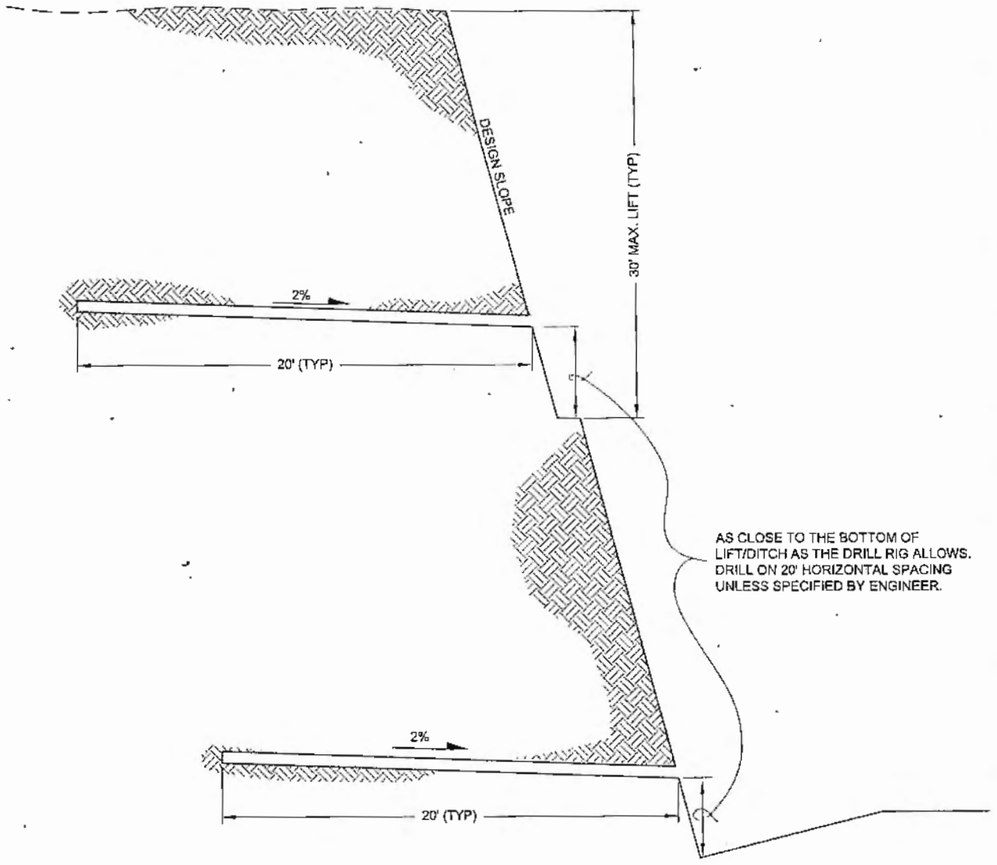
FLEXIBLE GUARDRAIL DELINEATOR NOTES:

1. DELINEATORS SHALL BE WHITE IN COLOR WITH WHITE OR SILVER REFLECTIVE SHEETING.
2. REFLECTIVE SHEETING SHALL FACE ONCOMING TRAFFIC IN THE ADJACENT LANE.
3. DELINEATORS SHALL BE INSTALLED ON THE POST CLOSEST TO THE HEAD OF PARALLEL GUARDRAIL TERMINALS AND THE CRT ANCHOR POST AT DOWNSTREAM END ANCHORS.
4. STEEL POST GUARDRAIL SHALL BE PRE-DRILLED PRIOR TO SECURING DELINEATOR WITH SELF-TAPPING SCREWS.
5. DELINEATORS ARE SUBSIDIARY TO GUARDRAIL.



MONUMENT ENCASEMENT DETAIL

REFER TO SUMMARY TABLES FOR APPROXIMATE LOCATIONS



ROCK SLOPE DRAIN HOLE DETAIL

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J3

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

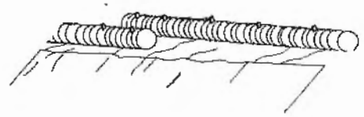
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

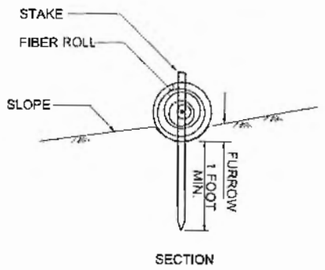
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS DETAILS

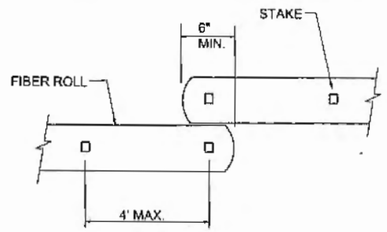
PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J3	73



PERSPECTIVE

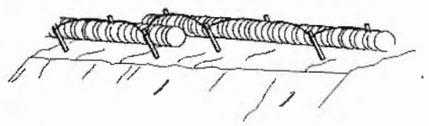


SECTION

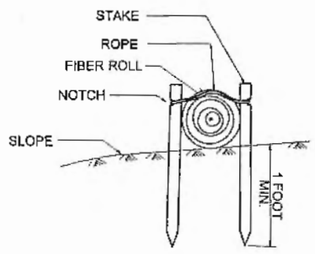


PLAN

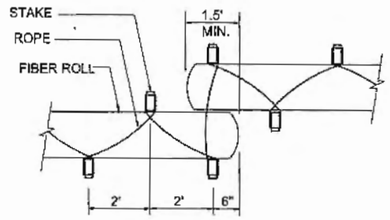
FIBER ROLL (TYPE 1)



PERSPECTIVE

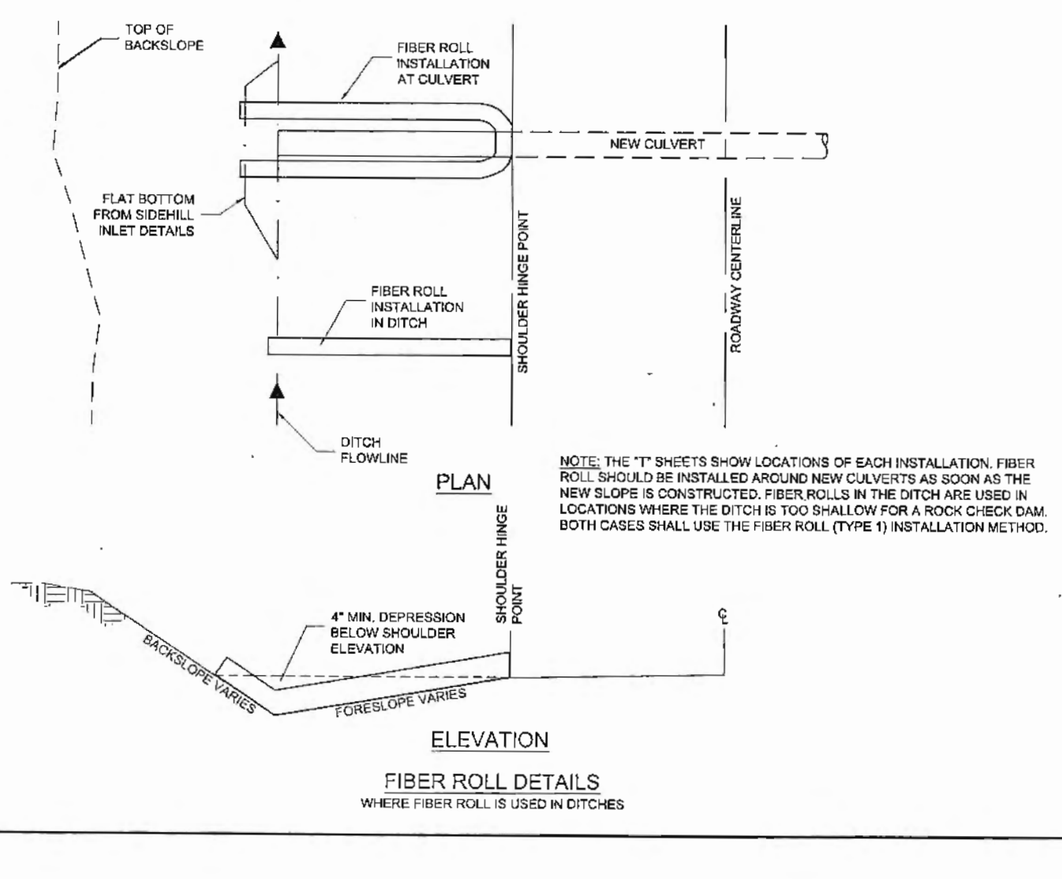


SECTION



PLAN

FIBER ROLL (TYPE 2)



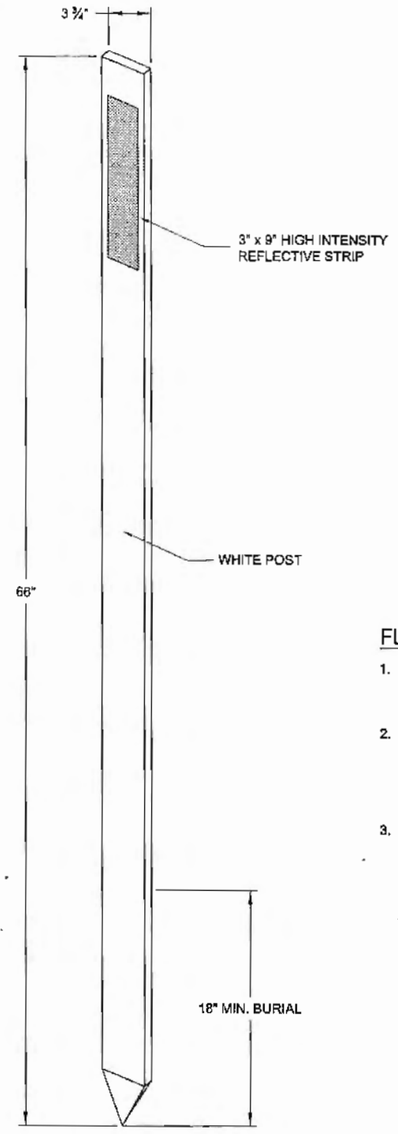
PLAN

NOTE: THE "T" SHEETS SHOW LOCATIONS OF EACH INSTALLATION. FIBER ROLL SHOULD BE INSTALLED AROUND NEW CULVERTS AS SOON AS THE NEW SLOPE IS CONSTRUCTED. FIBER ROLLS IN THE DITCH ARE USED IN LOCATIONS WHERE THE DITCH IS TOO SHALLOW FOR A ROCK CHECK DAM. BOTH CASES SHALL USE THE FIBER ROLL (TYPE 1) INSTALLATION METHOD.

ELEVATION

FIBER ROLL DETAILS

WHERE FIBER ROLL IS USED IN DITCHES



FLEXIBLE DELINEATOR NOTES:

1. FLEXIBLE DELINEATORS SHALL BE WHITE IN COLOR WITH WHITE OR SILVER REFLECTIVE SHEETING.
2. LOCATE ON BOTH SIDES OF THE PAVEMENT 2' FROM THE SHOULDER. DISTANCE BETWEEN DELINEATORS SHALL BE APPROXIMATELY 500' ON TANGENTS AND 250' ON CURVES.
3. FLEXIBLE DELINEATORS ARE NOT REQUIRED WHERE GUARDRAIL IS PRESENT.

FLEXIBLE DELINEATOR DETAIL

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J4

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

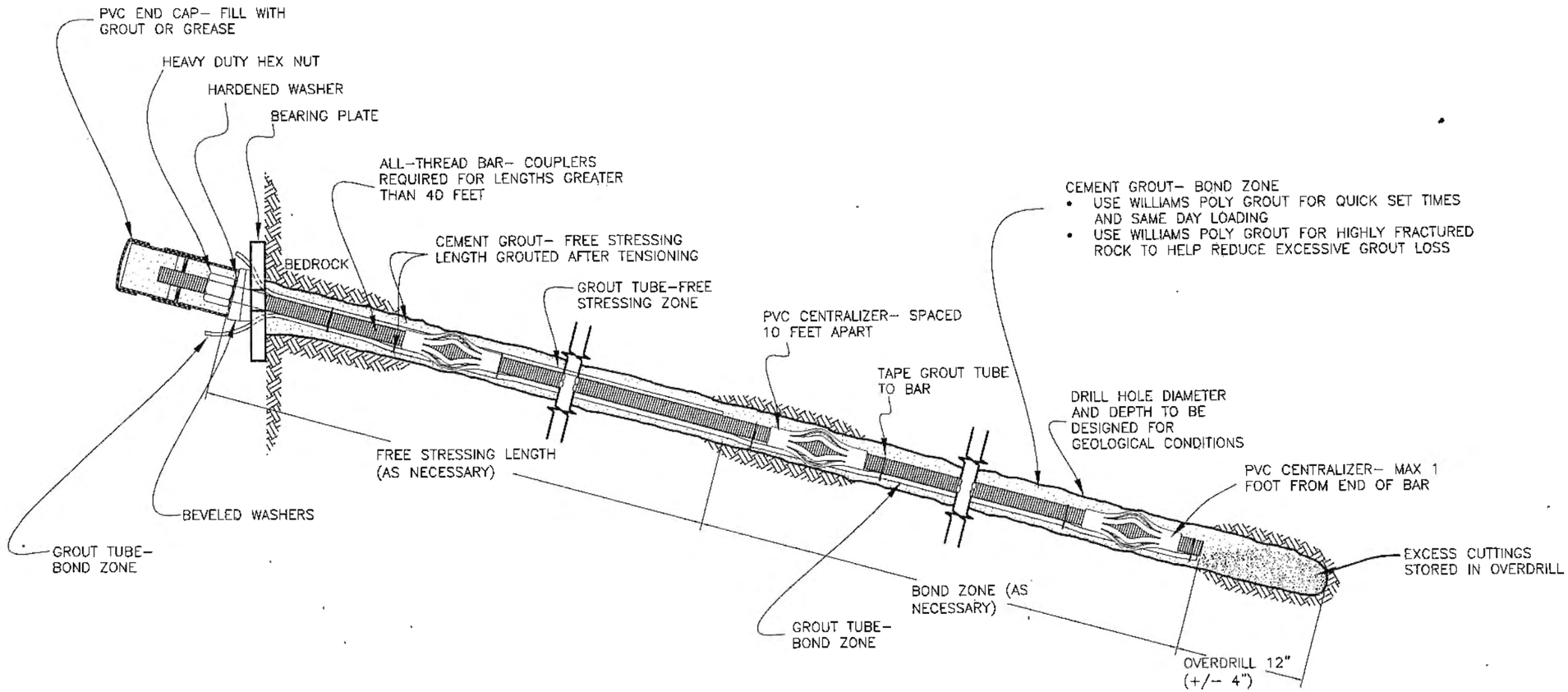
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS DETAILS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J4	73



ROCK BOLT NOTES

MATERIALS:

- ROCK BOLTS ARE DEFINED AS TENSION BARS, GROUTED FULL LENGTH IN TWO STAGES TO PROVIDE A BOND ZONE AND A FREE STRESS ZONE.
- USE 1-INCH DIAMETER, 75 KSI STEEL, GALVANIZED, ALL-THREAD BARS WITH MINIMUM ULTIMATE STRENGTH OF 75 KIPS AND MINIMUM YIELD STRENGTH OF 55 KIPS.
- BARS MAY BE PROVIDED IN 40-50 FOOT LENGTHS AND CUT TO SIZE ON SITE. THE USE OF COUPLERS IS ALLOWED TO JOIN TWO BARS. JOINING MORE THAN TWO BARS TOGETHER REQUIRES APPROVAL BY THE ENGINEER.
- ALL BARS SHALL MEET THE REQUIREMENTS OF ASTM A615.
- USE 8" x 8" DOUBLE KEY HOLE, GALVANIZED, BEARING PLATES SUPPLIED BY THE ROCK BOLT MANUFACTURER.
- ALL STEEL ACCESSORIES SHALL BE GALVANIZED.
- CEMENT GROUT SHALL HAVE A MINIMUM STRENGTH OF 3000 PSI AT THE TIME THE ANCHOR IS STRESSED.

INSTALLATION:

- ALL ROCK BOLT LOCATIONS, ROCK BOLT LENGTHS, BOND ZONE LENGTHS, AND DRILL HOLE ORIENTATION WILL BE PROVIDED BY THE REGIONAL ENGINEERING GEOLOGIST UPON REQUEST OF THE PROJECT ENGINEER.
- OVERDRILL HOLES ONE FOOT TO ALLOW DRILL CUTTINGS TO SETTLE.
- DRILL HOLE DIAMETER SHALL BE AT LEAST 2 INCHES GREATER THAN THE BAR DIAMETER TO ALLOW FOR A MINIMUM OF 1-INCH OF GROUT ENCAPSULATION. FOR 1-INCH DIAMETER BARS A MINIMUM 3-INCH DIAMETER HOLE IS REQUIRED.
- PROBE DRILL HOLE PRIOR TO INSERTING THE ASSEMBLED ROCK BOLT TO INSURE HOLE IS CLEAR TO THE REQUIRED DEPTH.
- FINISHED ROCK BOLTS SHALL NOT EXTEND MORE THAN 6-INCHES BEYOND THE BEARING PLATE.
- PRIMARY GROUTING OF THE CALCULATED BOND ZONE SHOULD BE COMPLETED AS SOON AS POSSIBLE AFTER THE ROCK BOLT IS INSTALLED. GROUT HOLES FROM THE BOTTOM. LEAVE THE ROCK BOLT UNDISTURBED UNTIL THE GROUT HAS CURED. SOME METHOD OF VERIFYING THE LEVEL OF THE PRIMARY GROUT MUST BE PROVIDED.
- THE PRIMARY GROUT SHALL BE LEFT FOR A MINIMUM OF THREE DAYS BEFORE THE ROCK BOLT CAN BE TENSIONED. THIS PERIOD MAY BE MODIFIED BASED ON THE RESULTS OF GROUT CUBE TESTING. MAKING GROUT CUBES IS OPTIONAL AND WILL BE DONE AT THE DIRECTION OF THE PROJECT ENGINEER.
- INSTALL FINISHING HARDWARE INCLUDING THE BEARING PLATE, WASHERS, AND HEX NUT. TORQUE THE ROCK BOLT ACCORDING TO THE MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- SECONDARY GROUTING TO FILL THE FREE STRESSING LENGTH SHALL BE COMPLETED AFTER THE ANCHOR HAS BEEN LOCKED OFF AT THE DESIGN LOAD. AFTER GROUTING IS COMPLETED CUT GROUT TUBES OFF FLUSH WITH WITH THE BEARING PLATE AND CLEAN EXCESS GROUT OFF THE ROCK SLOPE.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

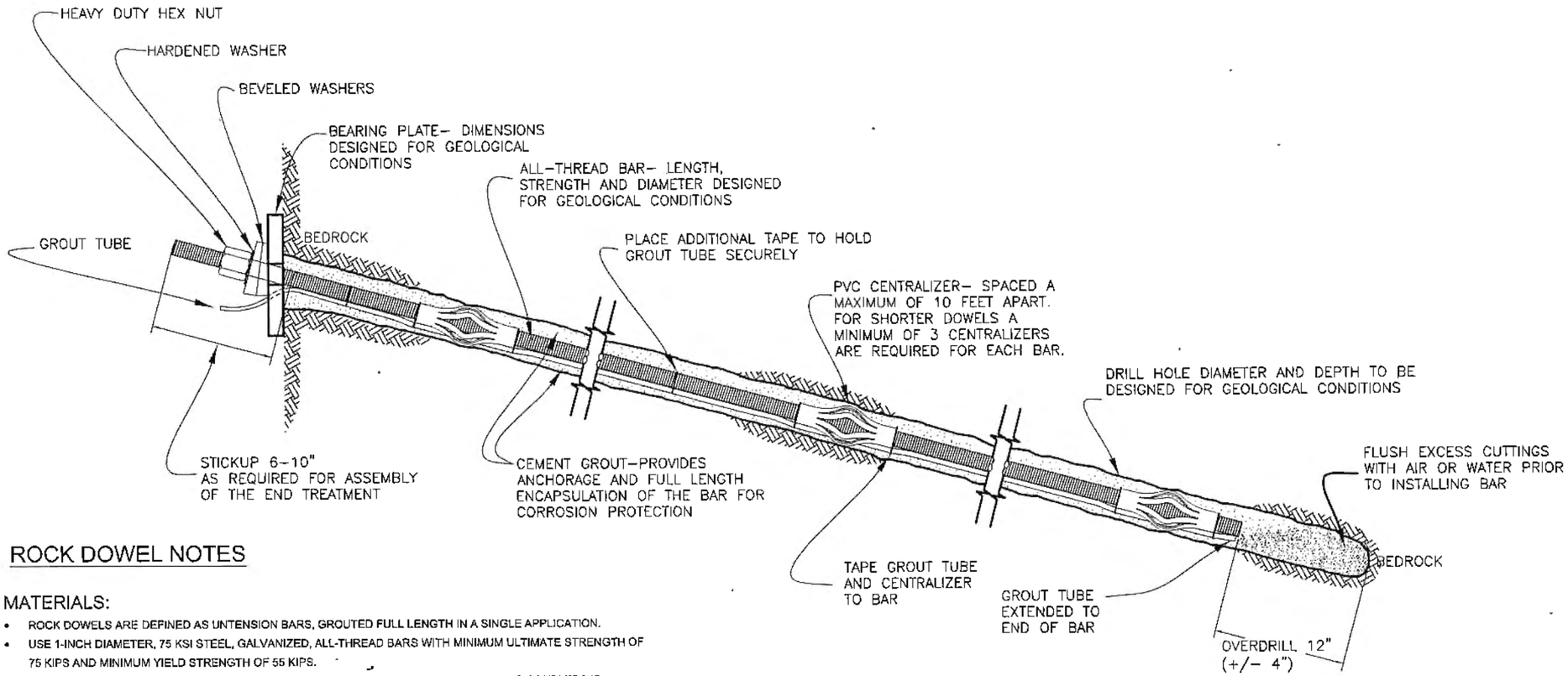
MISCELLANEOUS DETAILS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
J5	73



ROCK DOWEL NOTES

MATERIALS:

- ROCK DOWELS ARE DEFINED AS UNTENSION BARS, GROUTED FULL LENGTH IN A SINGLE APPLICATION.
- USE 1-INCH DIAMETER, 75 KSI STEEL, GALVANIZED, ALL-THREAD BARS WITH MINIMUM ULTIMATE STRENGTH OF 75 KIPS AND MINIMUM YIELD STRENGTH OF 55 KIPS.
- BARS MAY BE PROVIDED IN 40-50 FOOT LENGTHS AND CUT TO SIZE ON SITE. THE USE OF COUPLERS IS ALLOWED TO JOIN TWO BARS. JOINING MORE THAN TWO BARS TOGETHER REQUIRES APPROVAL BY THE ENGINEER.
- ALL BARS SHALL MEET THE REQUIREMENTS OF ASTM A615.
- USE 8" x 8" DOUBLE KEY HOLE, GALVANIZED, BEARING PLATES SUPPLIED BY THE ROCK DOWEL MANUFACTURER.
- ALL STEEL ACCESSORIES SHALL BE GALVANIZED.
- CEMENT GROUT SHALL HAVE A MINIMUM STRENGTH OF 3000 PSI AT THE TIME THE ANCHOR IS STRESSED.

INSTALLATION:

- ALL ROCK DOWEL LOCATIONS, ROCK DOWEL LENGTHS, AND DRILL HOLE ORIENTATION WILL BE PROVIDED BY THE REGIONAL ENGINEERING GEOLOGIST UPON REQUEST OF THE PROJECT ENGINEER.
- OVERDRILL HOLES ONE FOOT TO ALLOW DRILL CUTTINGS TO SETTLE.
- DRILL HOLE DIAMETER SHALL BE AT LEAST 2 INCHES GREATER THAN THE BAR DIAMETER TO ALLOW FOR A MINIMUM OF 1-INCH OF GROUT ENCAPSULATION. FOR 1-INCH DIAMETER BARS A MINIMUM 3-INCH DIAMETER HOLE IS REQUIRED.
- PROBE DRILL HOLE PRIOR TO INSERTING THE ASSEMBLED ROCK DOWEL TO INSURE HOLE IS CLEAR TO THE REQUIRED DEPTH.
- FINISHED ROCK DOWELS SHALL NOT EXTEND MORE THAN 6-INCHES BEYOND THE BEARING PLATE.
- GROUTING SHOULD BE COMPLETED AS SOON AS POSSIBLE AFTER THE ROCK DOWEL IS INSTALLED. GROUT HOLES FROM THE BOTTOM. LEAVE THE ROCK DOWEL UNDISTURBED UNTIL THE GROUT HAS CURED.
- INSTALL FINISHING HARDWARE INCLUDING THE BEARING PLATE, WASHERS, AND HEX NUT. TIGHTEN THE NUT TO THE MANUFACTURER'S WRITTEN RECOMMENDATIONS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D
PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)
TAB: J6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-17

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

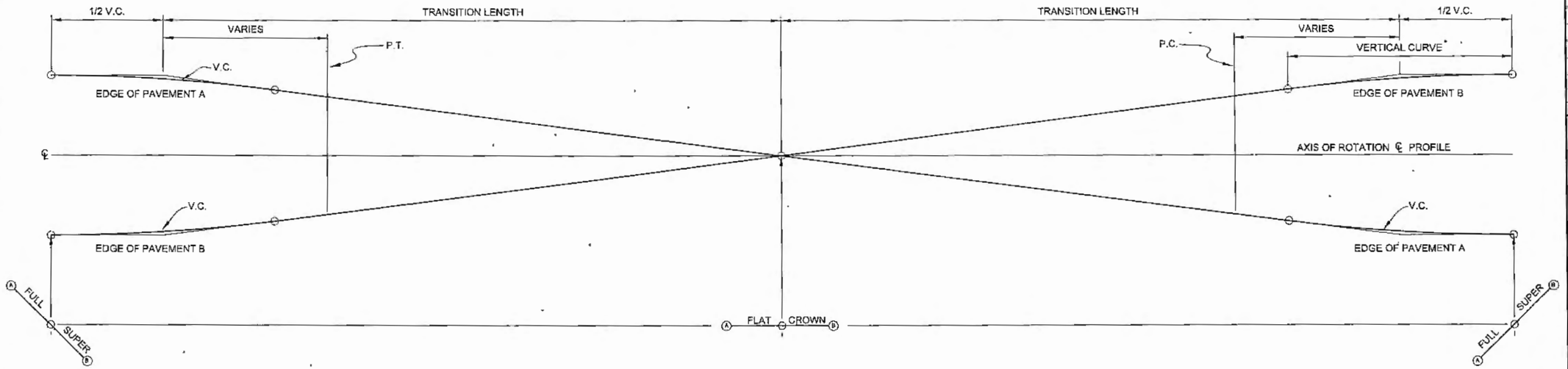
MISCELLANEOUS DETAILS

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
J6	73

* SEE GENERAL NOTE 4



GENERAL NOTES

1. THIS SUPERELEVATION TRANSITION IS TO BE USED WHEN ADJACENT CURVES SHOW A "FLAT" STATION. CURVES WITH A BST/EST STATION SHALL HAVE THEIR SUPERELEVATION TRANSITION FOLLOW CASE I OF STANDARD DRAWING I-81.00.
2. LOCATION OF TRANSITION LENGTH RELATIVE TO HORIZONTAL CURVES IS SHOWN ON THE PLANS.
3. WIDENING FOR GUARDRAIL OR CURVATURE WILL NOT CHANGE THE LOCATION OF THE AXIS OF ROTATION.
4. MINIMUM VERTICAL CURVE (V.C.) LENGTH IN FEET SHALL BE THE NUMERICAL VALUE OF THE DESIGN SPEED IN MPH.
5. SUPERELEVATION SHALL BE BUILT INTO THE SUBGRADE AND CARRIED THROUGH THE SHOULDERS.

SUPERELEVATION TRANSITION WITHOUT RETURNING TO NORMAL CROWN

FOR CURVES WITH A "FLAT" TRANSITION STATION

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Berg Date 9/19/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J7

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

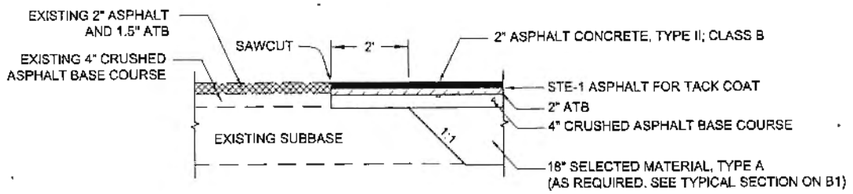
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

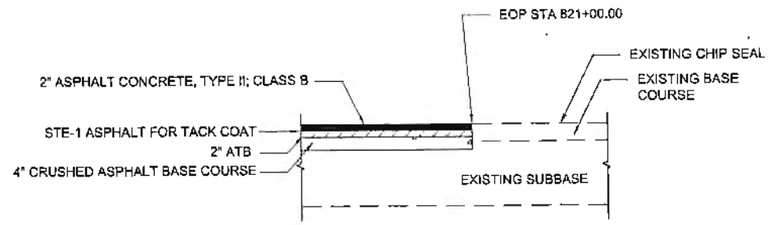
MISCELLANEOUS DETAILS

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J7	73



PAVEMENT MATCH JOINT DETAIL

BEGINNING OF PROJECT



PAVEMENT MATCH JOINT DETAIL

END OF PROJECT

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE C. Tripp Date 9/17/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)

TAB: J8

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

7-5-11

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS DETAILS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J8	73

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 AND SUBMITTED FOR APPROVAL BY THE ENGINEER PRIOR TO USE.
2. TWO LANES SHALL BE MAINTAINED AT ALL TIMES THE CONTRACTOR IS NOT ACTIVELY WORKING. FLAGGERS MUST BE PRESENT FOR ANY LANE CLOSURES. FLAGGER STATIONS MUST BE ILLUMINATED AT NIGHT.
3. TEMPORARY TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
4. MAXIMUM LENGTH OF ONE-LANE ROAD CLOSURE IS 1000 FEET.
5. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED. CONSTRUCTION SIGNS SHALL BE PLACED SUCH THAT THEY DO NOT OBSCURE EXISTING TRAFFIC SIGNS.
6. THE UNEVEN LANES (CW8-11) SIGN SHOULD BE USED DURING OPERATIONS THAT CREATE A DIFFERENCE IN ELEVATION OF 1.5 INCHES OR GREATER BETWEEN ADJACENT LANES.
7. WORK ZONE DOUBLE TRAFFIC FINES SIGNS SHALL BE USED AS DIRECTED BY THE ENGINEER AND PER STANDARD DRAWING C-04.12.
8. WARNING LIGHTS SHALL BE USED ON ALL CHANNELIZING DEVICES PLACED ALONG OR AROUND ROADWAY HAZARDS AS DIRECTED BY THE ENGINEER.
9. KEEP THE PUBLIC INFORMED OF CONSTRUCTION ACTIVITIES. SEE SECTION 643-3.03 OF THE SPECIAL PROVISIONS.
10. 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.
11. TRAFFIC DELAYS SHALL NOT EXCEED 15 MINUTES UNLESS APPROVED BY THE ENGINEER.
12. WHEN ROAD CLOSURES ARE REQUIRED FOR BLASTING EVENTS AND RELATED WORK, THEY SHALL NOT BE LONGER THAN 2 HOURS IN DURATION.
13. SEE SECTION 201-3.01 OF THE SPECIAL PROVISIONS FOR LIMITATIONS ON PAVEMENT REMOVAL AND REPAVING. REPAVED SECTIONS REQUIRE INTERIM PAVEMENT MARKINGS PER SECTION 643-3.09 OF THE SPECIFICATIONS.
14. ALL PAVED SECTIONS OF ROADWAY SHALL BE SWEPT CLEAN BEFORE OPENING TO TRAFFIC.

TCP LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION
- HI-LEVEL WARNING DEVICE

FORMULAS FOR L (TAPER LENGTH)

40 MPH OR LESS $L = \frac{W \times S^2}{60}$

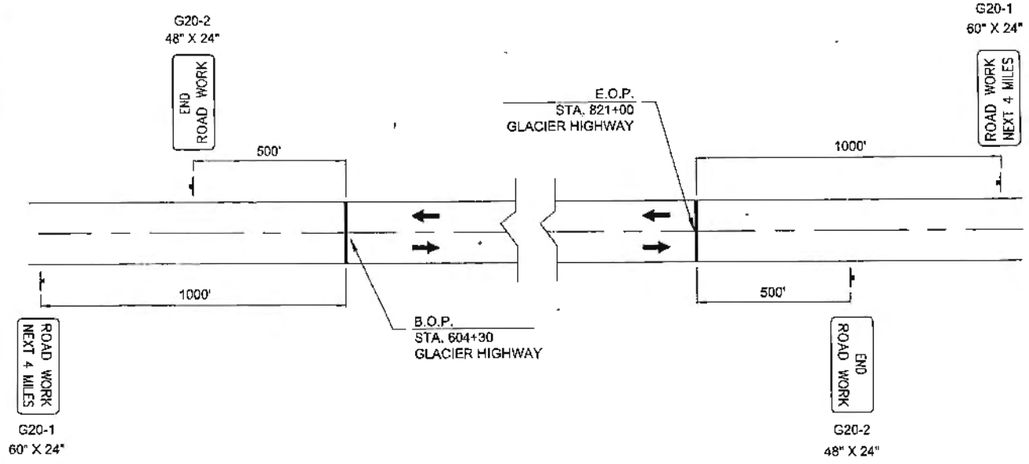
45 MPH OR GREATER $L = W \times S$

WHERE W= WIDTH OF OFFSET

S= POSTED SPEED LIMIT OR ANTICIPATED OPERATING SPEED

MAXIMUM DRUM OR CONE SPACING = S (IN FEET) FOR TAPERS
= 2S (IN FEET) FOR TANGENTS

MIN. BUFFER	
S	LENGTH
20	115
25	115
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



PERMANENT CONSTRUCTION SIGNING

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE [signature] Date 7/17/11

SIGN FOR 48 HOUR ADVANCED NOTICE OF BLASTING

SIGNS SHALL BE ORANGE BACKGROUND WITH BLACK BORDER AND TEXT. SIGNS SHALL INCLUDE THE DAY OF CLOSURE, BEGINNING TIME OF CLOSURE, AND EXPECTED TIME THE ROAD WILL REOPEN. SIGNS SHALL BE IN PLACE A MINIMUM OF 48 HOURS PRIOR TO ROAD CLOSURE. REMOVABLE PANELS MAY BE USED TO CHANGE THE DAY AND TIME. SIGN LETTERING IS DESIGNATED BY SIZE AND FHWA "SERIES 2000" LETTER SERIES. (EG "6C" MEANS A LETTER HEIGHT OF 6 INCHES WITH A SERIES C WIDTH)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH=Q:\JNU\67526\PLANSET\C3D PLANSET\67526 S1-S3 TCP.DWG

WEAVER, JON M (DOT)
TAB: S1

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th David B. Engineer CE-5666 REGISTERED PROFESSIONAL ENGINEER 7.5.11

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

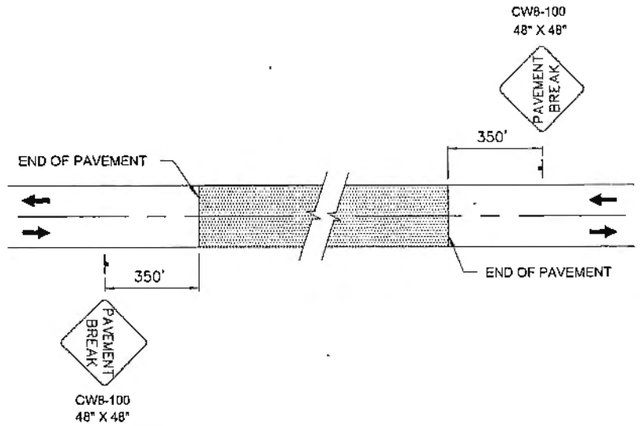
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

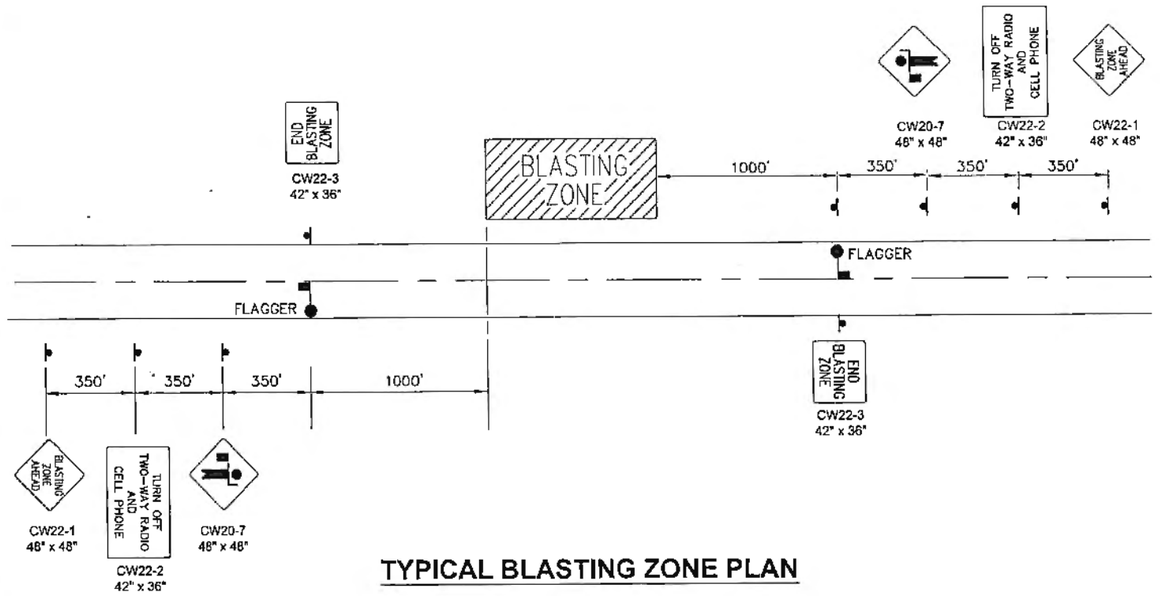
TRAFFIC CONTROL PLAN

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

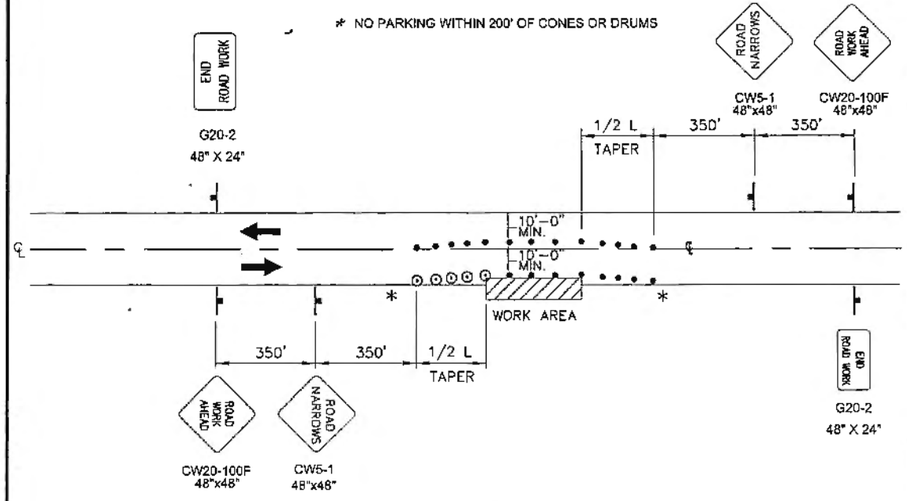
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
S1	73



SIGNING FOR UNPAVED AREA

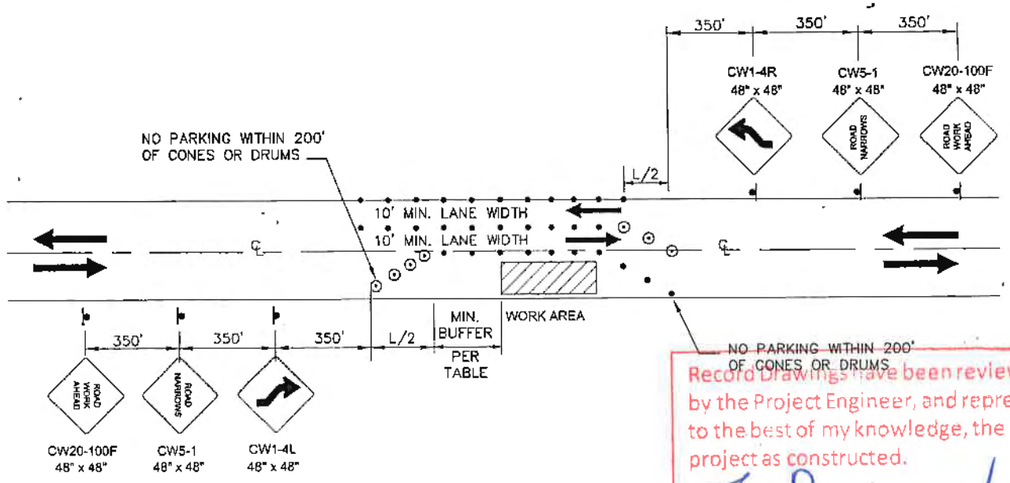


TYPICAL BLASTING ZONE PLAN



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.



TWO-WAY TRAFFIC

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Jon Bunge Date 9/17/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\67526 S1-S3 TCP.DWG

WEAVER, JON M (DOT)
TAB: S2

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th David B. Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER 7511

DESIGNED BY: J. WEAVER

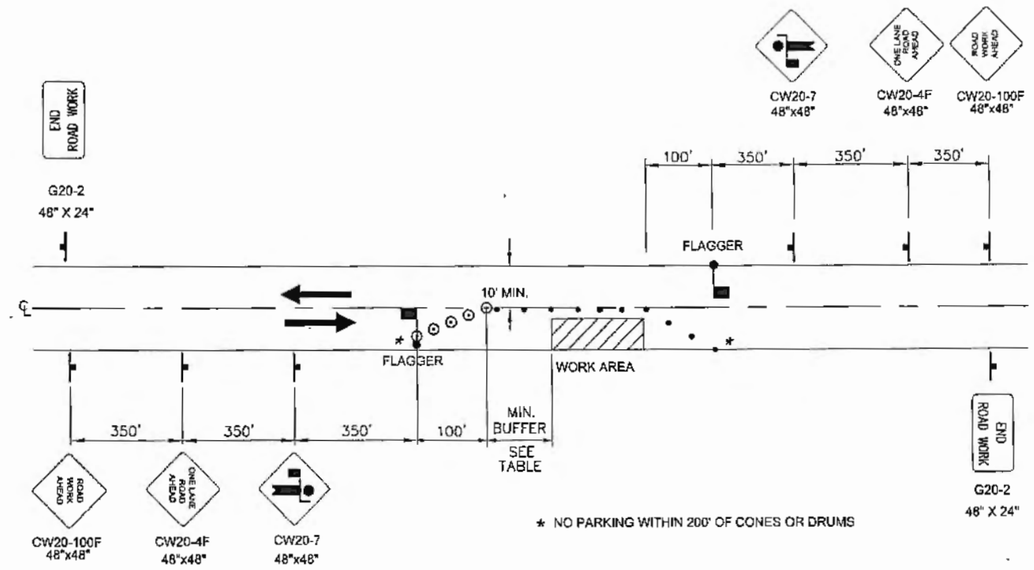
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67525

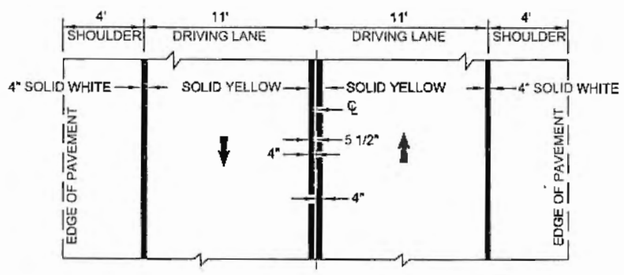
TRAFFIC CONTROL PLAN

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
S2	73

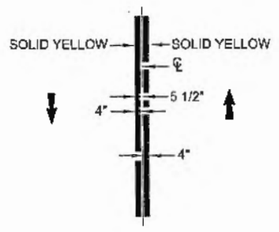


TWO LANE ROAD - SINGLE LANE CLOSURE

DOUBLE FLAGGER



STRIPING DETAIL



INTERIM PAVEMENT MARKINGS DETAIL

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 9/17/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\67525 S1-S3 TCP.DWG

WEAVER, JON M (DOT)

TAB: S3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th David [illegible] CE-8866 REGISTERED PROFESSIONAL ENGINEER

7-5-17

DESIGNED BY: J. WEAVER

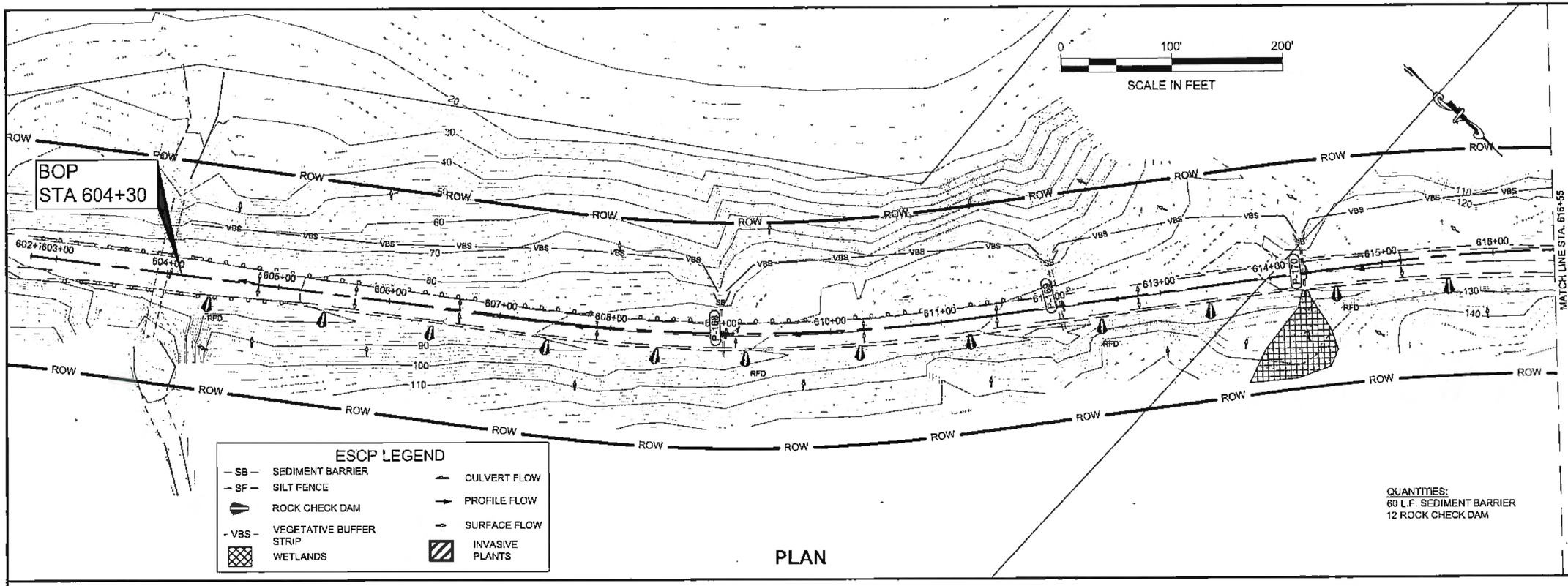
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

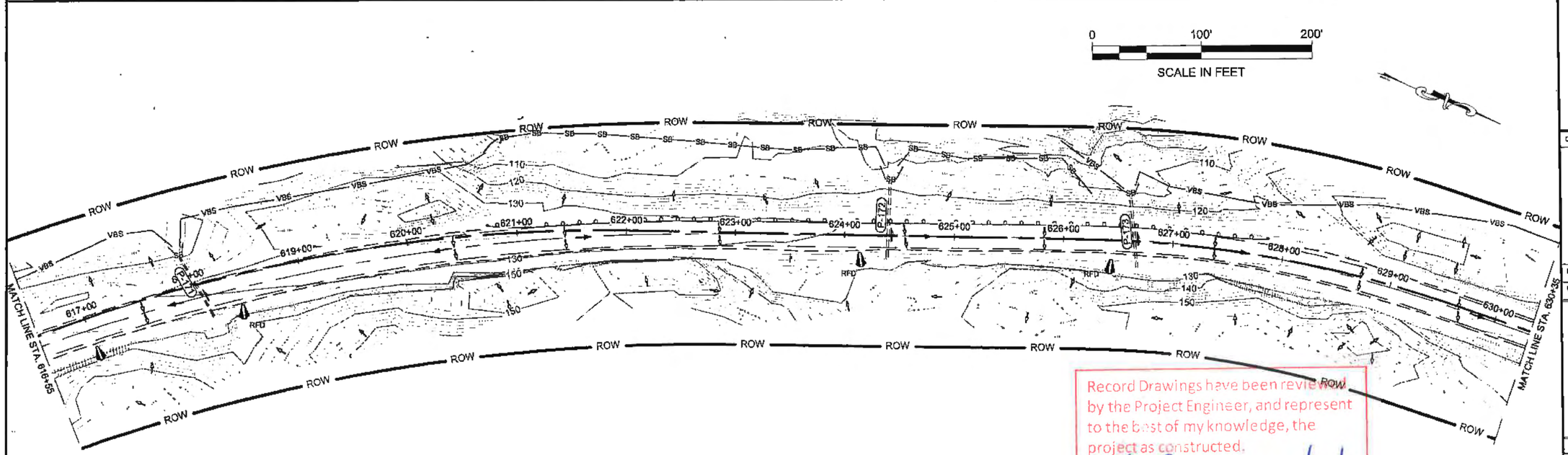
TRAFFIC CONTROL PLAN

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
S3	73



PLAN

QUANTITIES:
60 L.F. SEDIMENT BARRIER
12 ROCK CHECK DAM



PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date _____

QUANTITIES:
645 L.F. SEDIMENT BARRIER
41 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

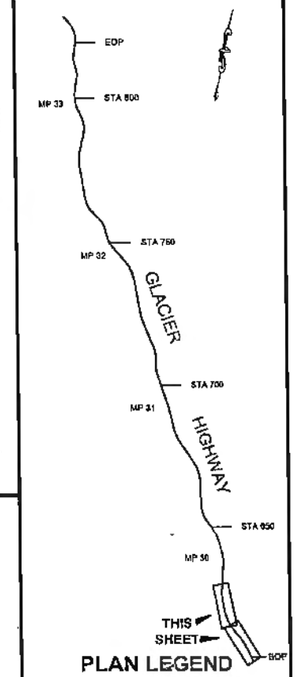
WEAVER, JON M (DOT)
TAB: T1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/26/11

STATE OF ALASKA
49th
Charles M. Tripp
CE-9913
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

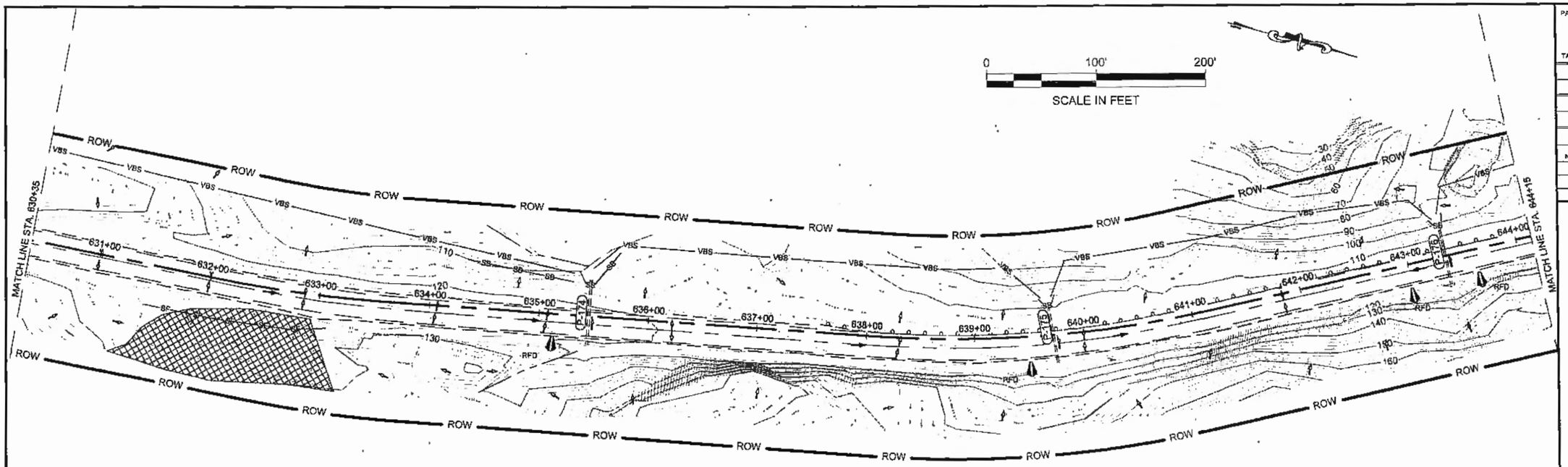
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR CLEARING AND GRUBBING PHASE

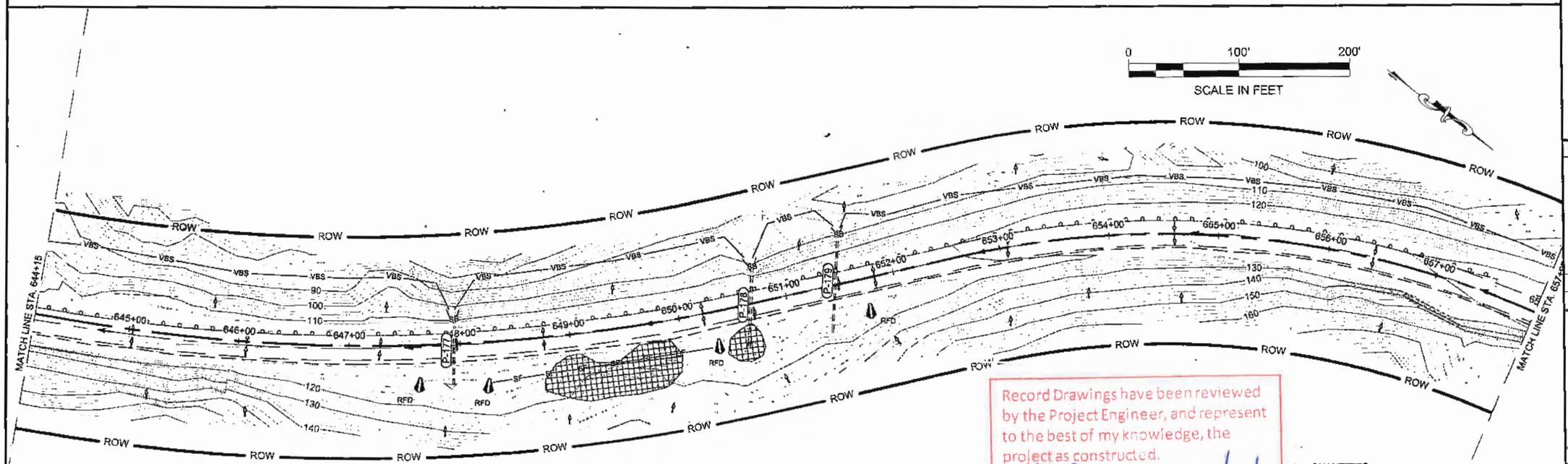
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T1	73



PLAN

QUANTITIES:
200 L.F. SEDIMENT BARRIER
4 ROCK CHECK DAM



PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Date 9/17/17

QUANTITIES:
200 L.F. SILT FENCE
60 L.F. SEDIMENT BARRIER
4 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

WEAVER, JON M (DOT)

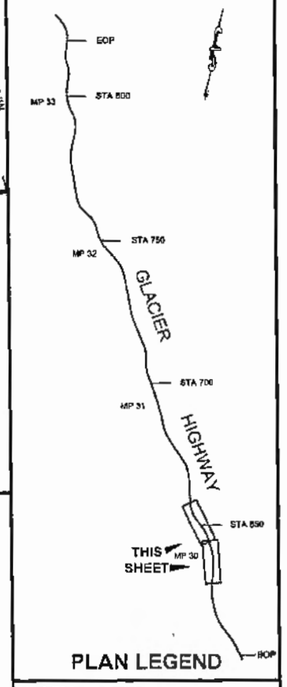
TAB: T2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/17

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

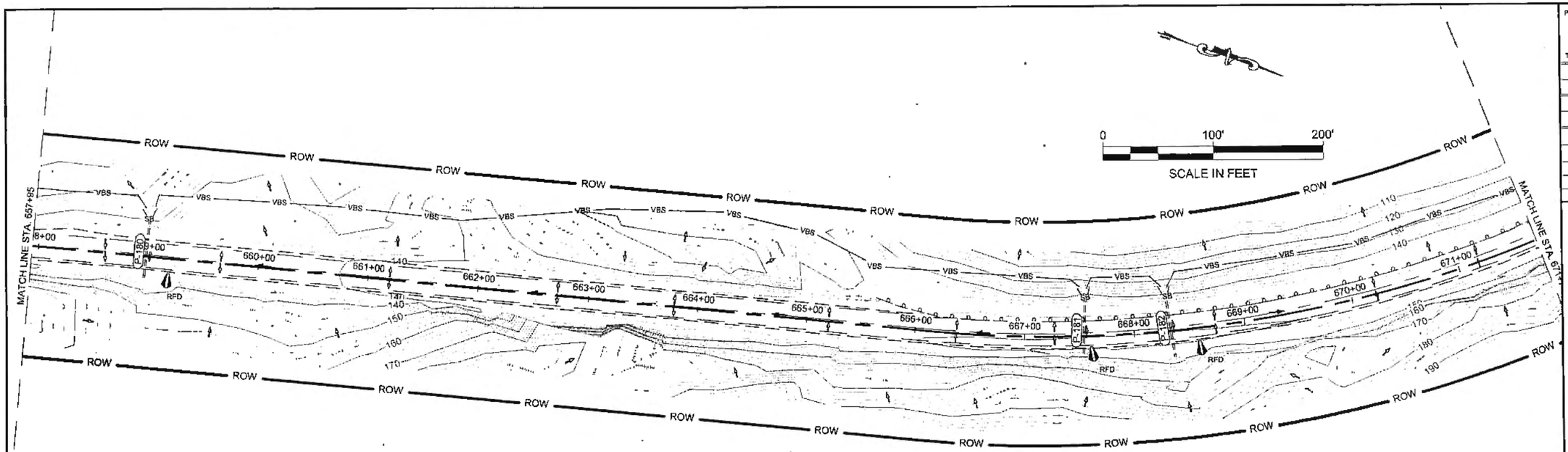
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR CLEARING AND GRUBBING PHASE

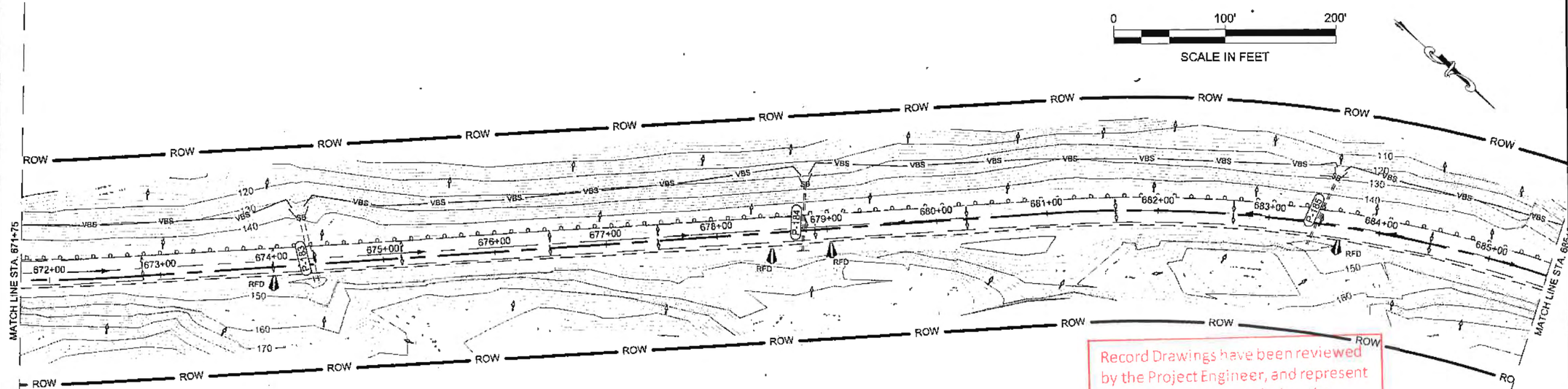
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T2	73



PLAN

QUANTITIES:
60 L.F. SEDIMENT BARRIER
3 ROCK CHECK DAM



PLAN

QUANTITIES:
60 L.F. SEDIMENT BARRIER
4 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 9/17/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

WEAVER, JON M (DOT)

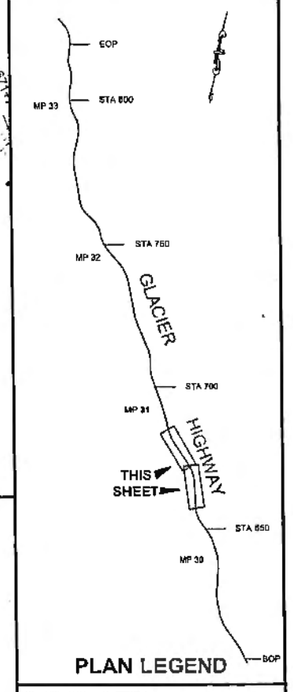
TAB: T3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

NO	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/22/11

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

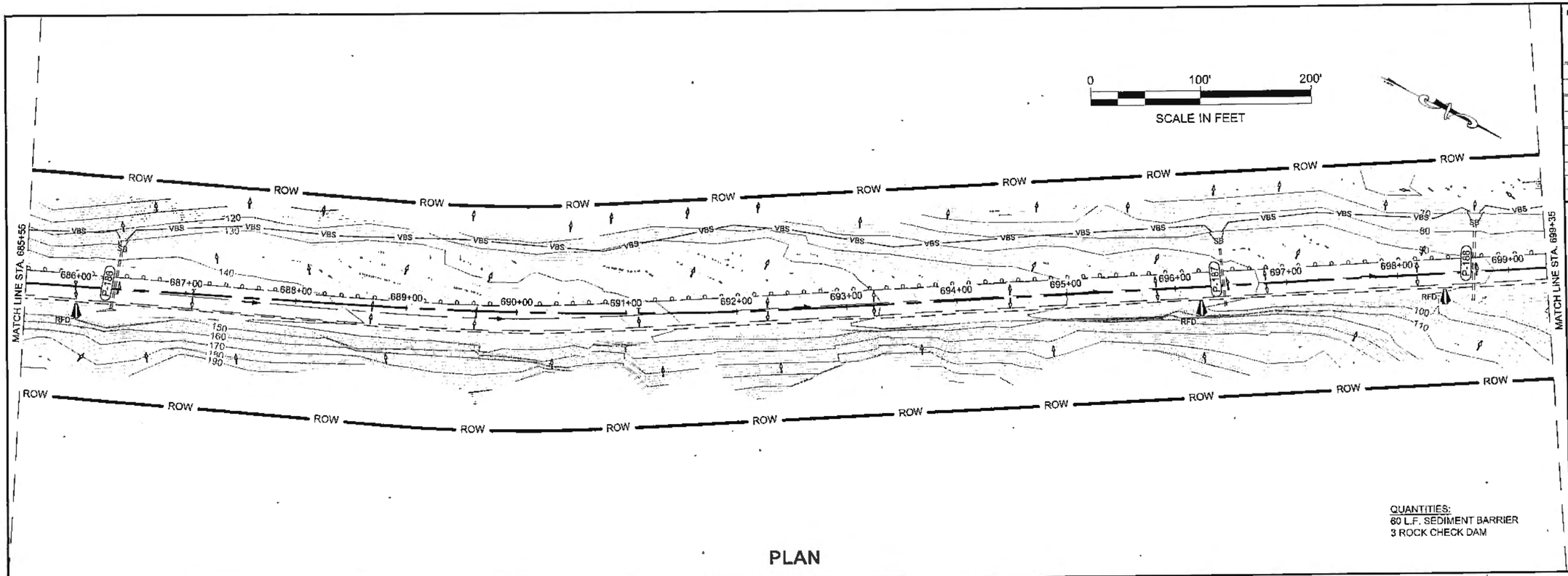
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP FOR CLEARING AND GRUBBING PHASE

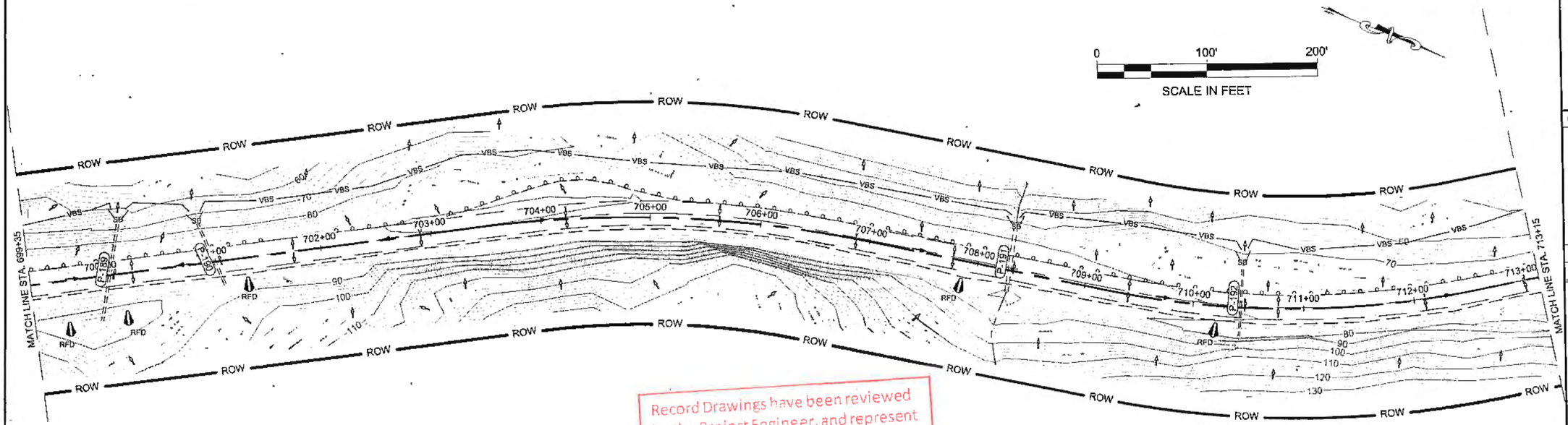
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T3	73



PLAN

QUANTITIES:
60 L.F. SEDIMENT BARRIER
3 ROCK CHECK DAM



PLAN

QUANTITIES:
80 L.F. SEDIMENT BARRIER
5 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 9/17/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

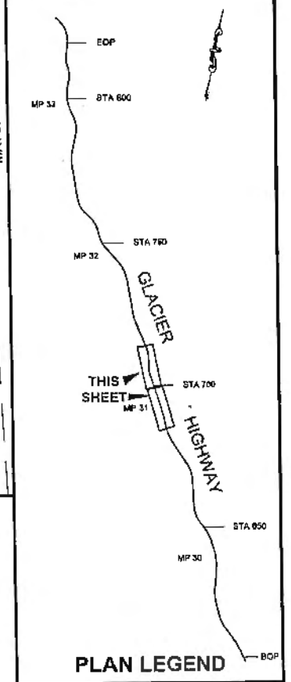
WEAVER, JON M (DOT)
TAB: T4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9913
REGISTERED PROFESSIONAL ENGINEER
6/23/11

DESIGNED BY: J. WEAVER

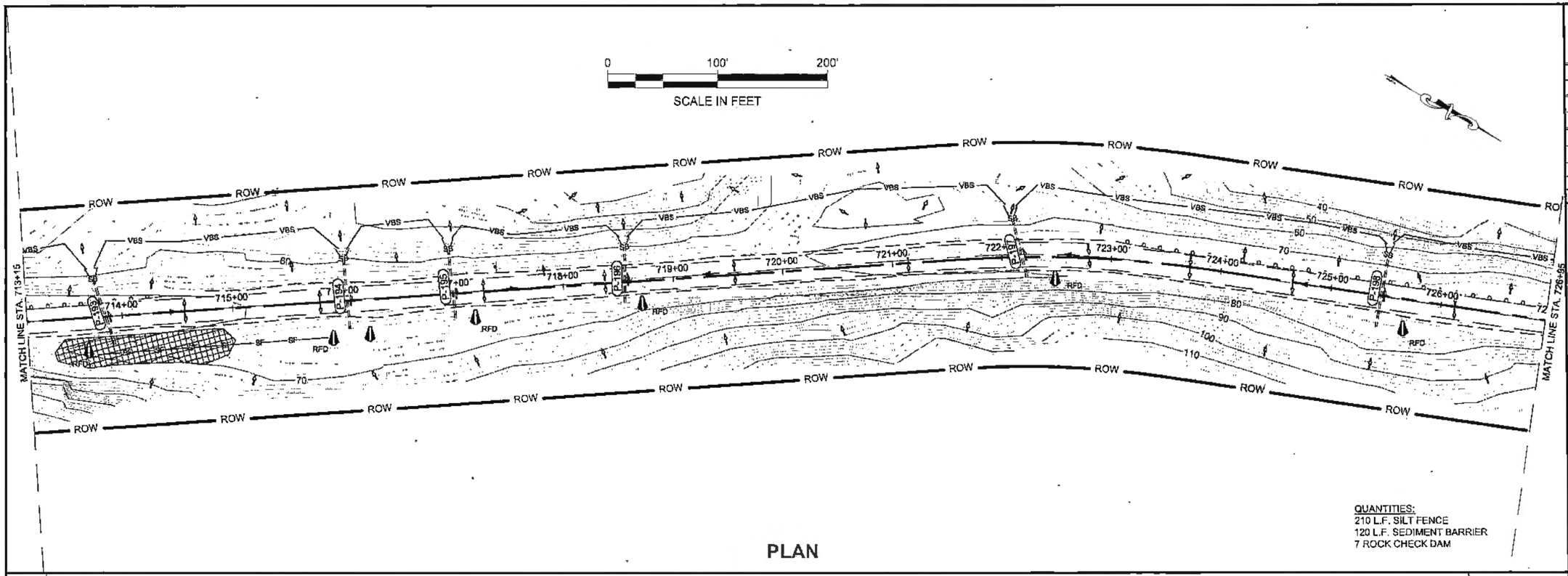
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

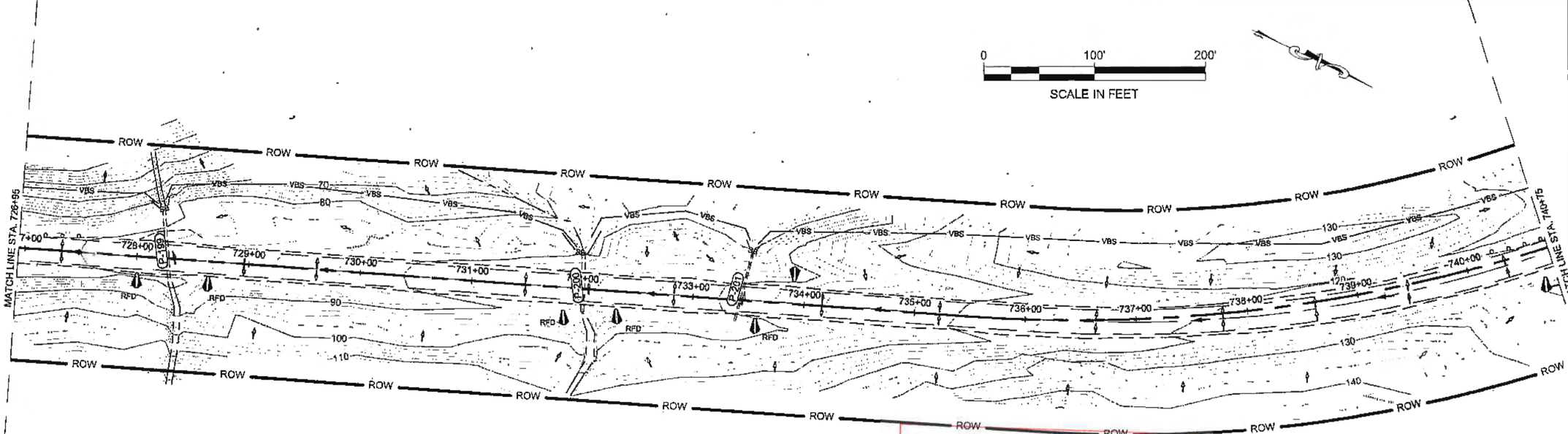
ESCP FOR CLEARING AND GRUBBING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T4	73



PLAN

QUANTITIES:
210 L.F. SILT FENCE
120 L.F. SEDIMENT BARRIER
7 ROCK CHECK DAM



PLAN

QUANTITIES:
95 L.F. SEDIMENT BARRIER
7 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Jim Bing Date 9/17/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

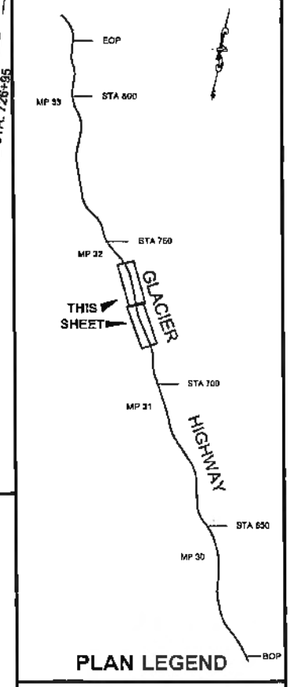
PATH: Q:\JNU\67526\PLANSET\C3D PLANSET1-EXISTING.DWG

WEAVER, JON M (DOT)
TAB: T5

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
48th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/23/11

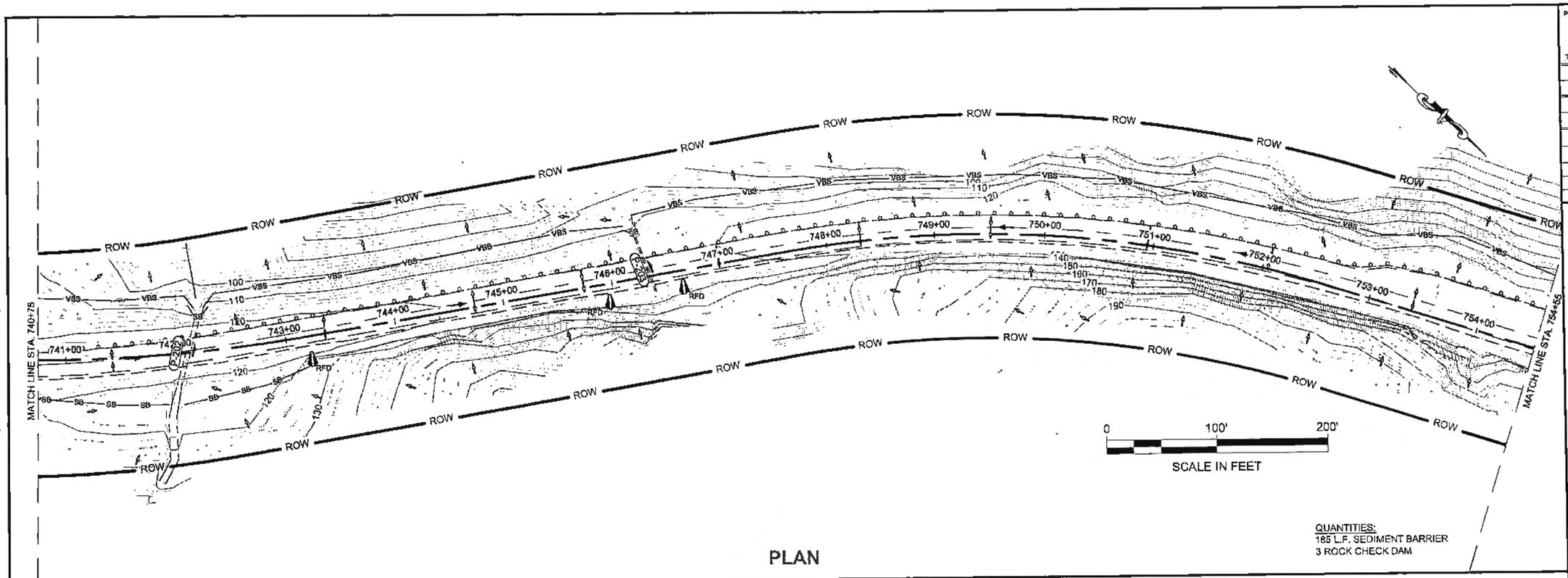
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

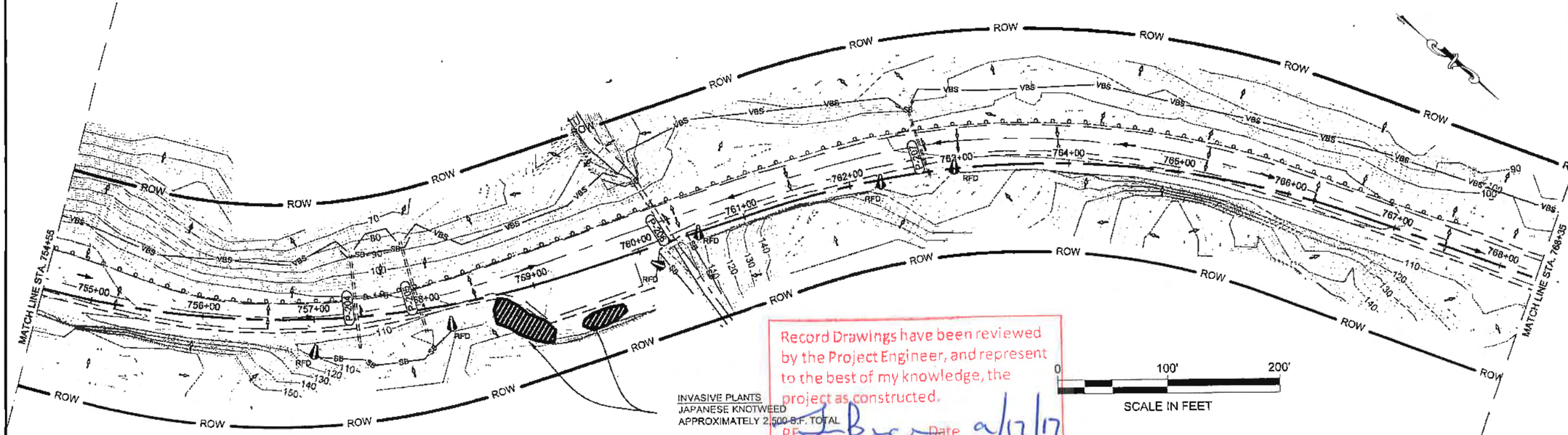
ESCP
FOR CLEARING AND GRUBBING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T5	73



PLAN

QUANTITIES:
165 L.F. SEDIMENT BARRIER
3 ROCK CHECK DAM



INVASIVE PLANTS
JAPANESE KNOTWEED
APPROXIMATELY 2,500 S.F. TOTAL

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 9/17/17

PLAN

QUANTITIES:
385 L.F. SEDIMENT BARRIER
6 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

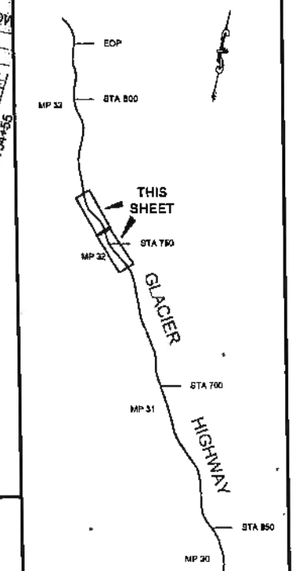
WEAVER, JON M (DOT)
TAB: T6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/23/11

DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

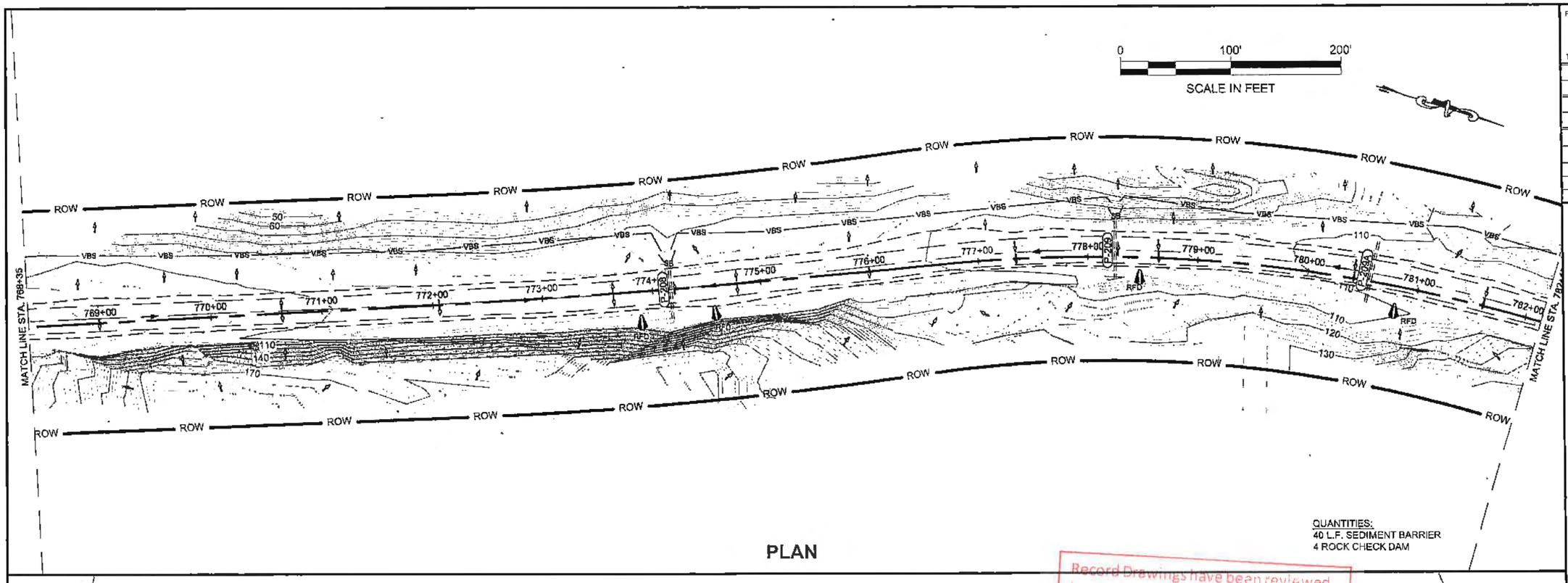
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP FOR CLEARING AND GRUBBING PHASE

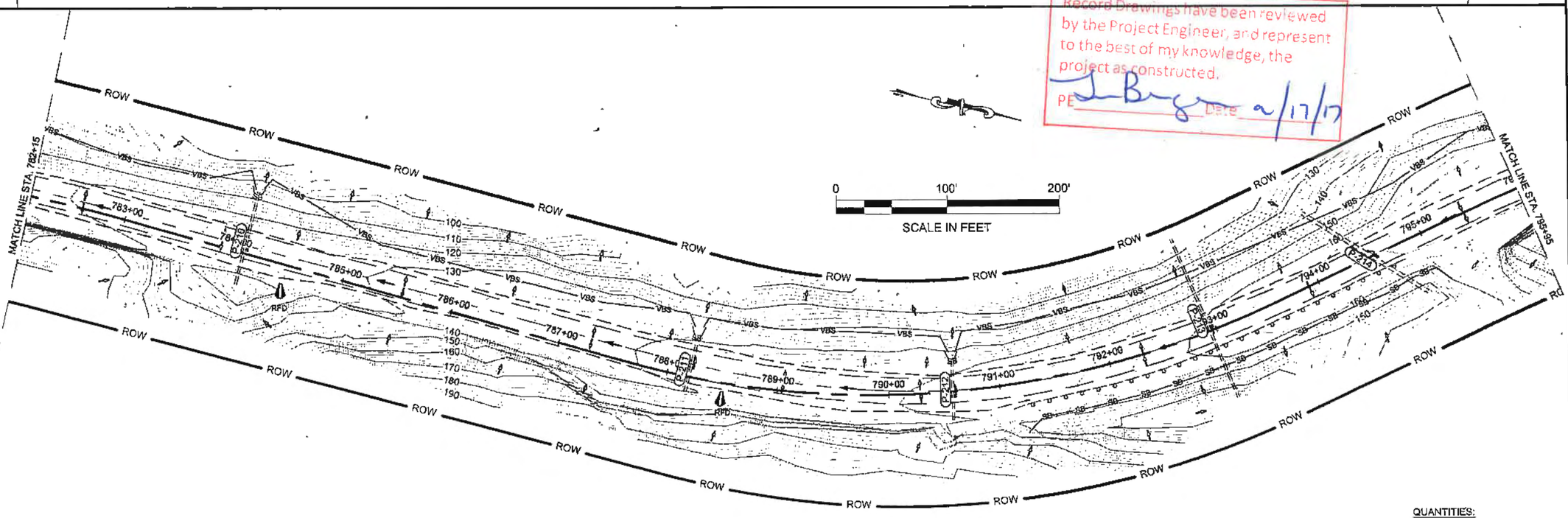
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T6	73



PLAN

QUANTITIES:
40 L.F. SEDIMENT BARRIER
4 ROCK CHECK DAM



PLAN

QUANTITIES:
470 L.F. SEDIMENT BARRIER
2 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Burger Date 9/17/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

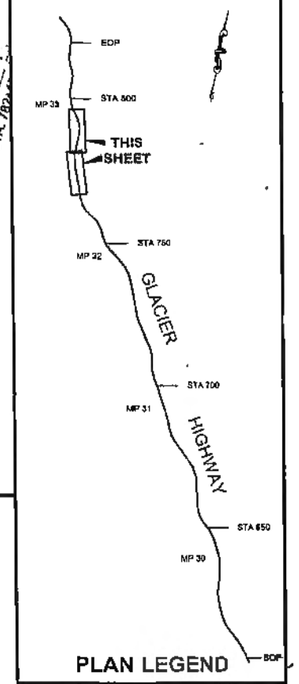
WEAVER, JON M (DOT)
TAB: T7

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/23/11

DESIGNED BY: J. WEAVER

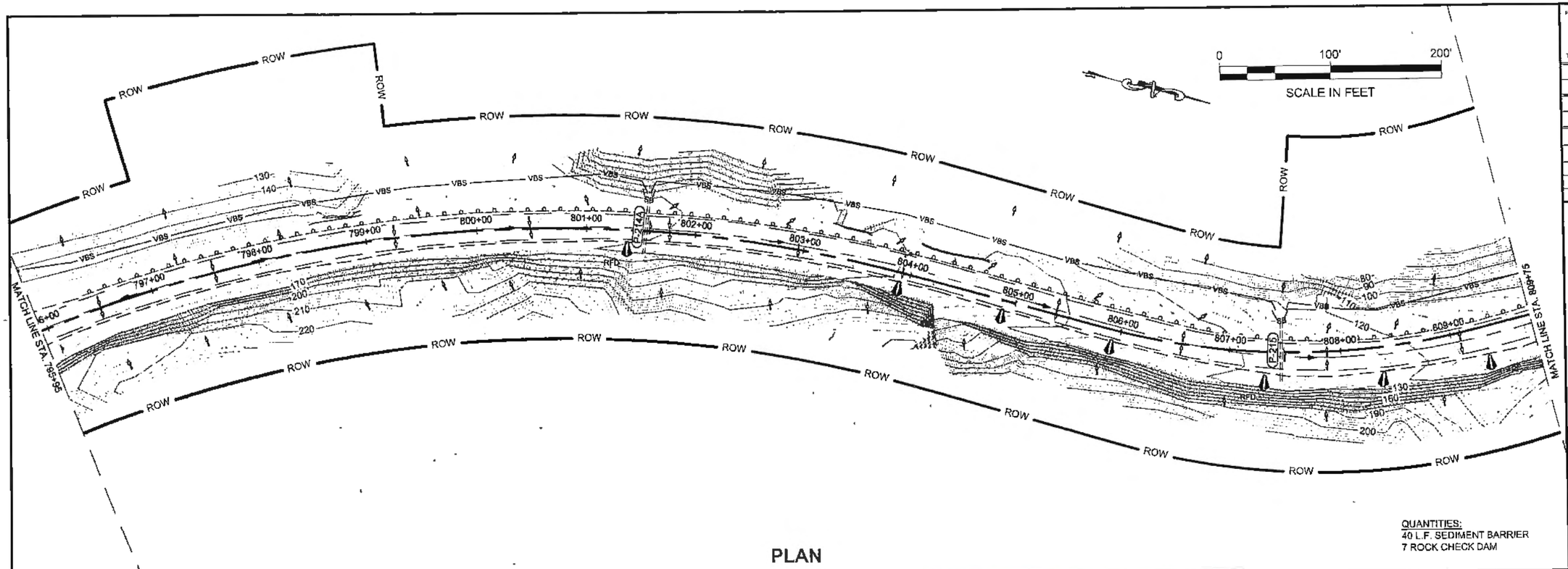
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

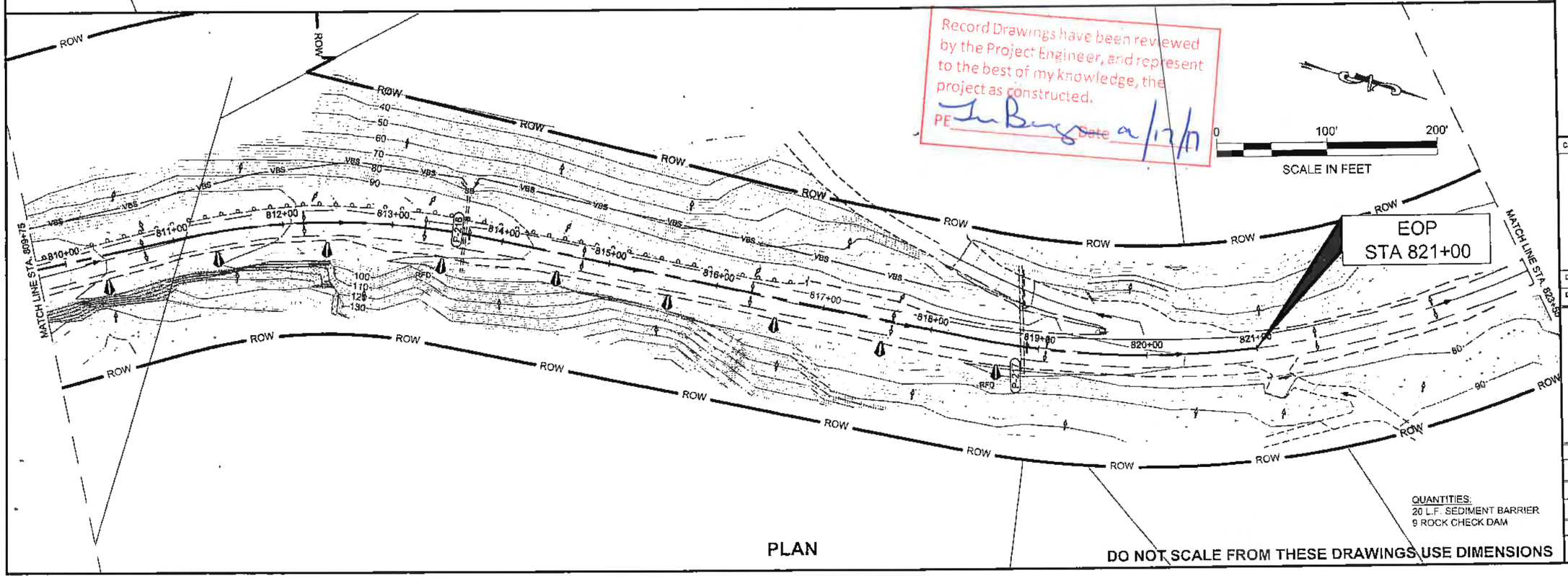
ESCP FOR CLEARING AND GRUBBING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T7	73



PLAN

QUANTITIES:
40 L.F. SEDIMENT BARRIER
7 ROCK CHECK DAM



PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 9/12/11

QUANTITIES:
20 L.F. SEDIMENT BARRIER
9 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\JNU\67526\PLANSET\C3D PLANSET\T-EXISTING.DWG

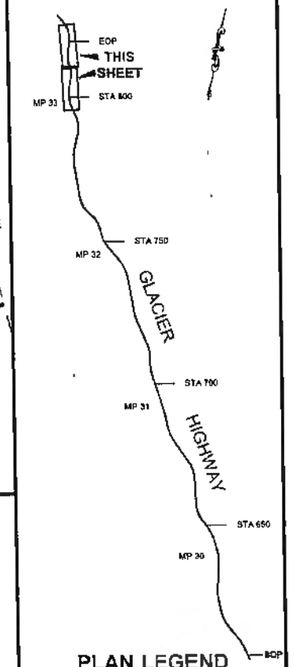
WEAVER, JON M (DOT)
TAB: T8

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
9/12/11

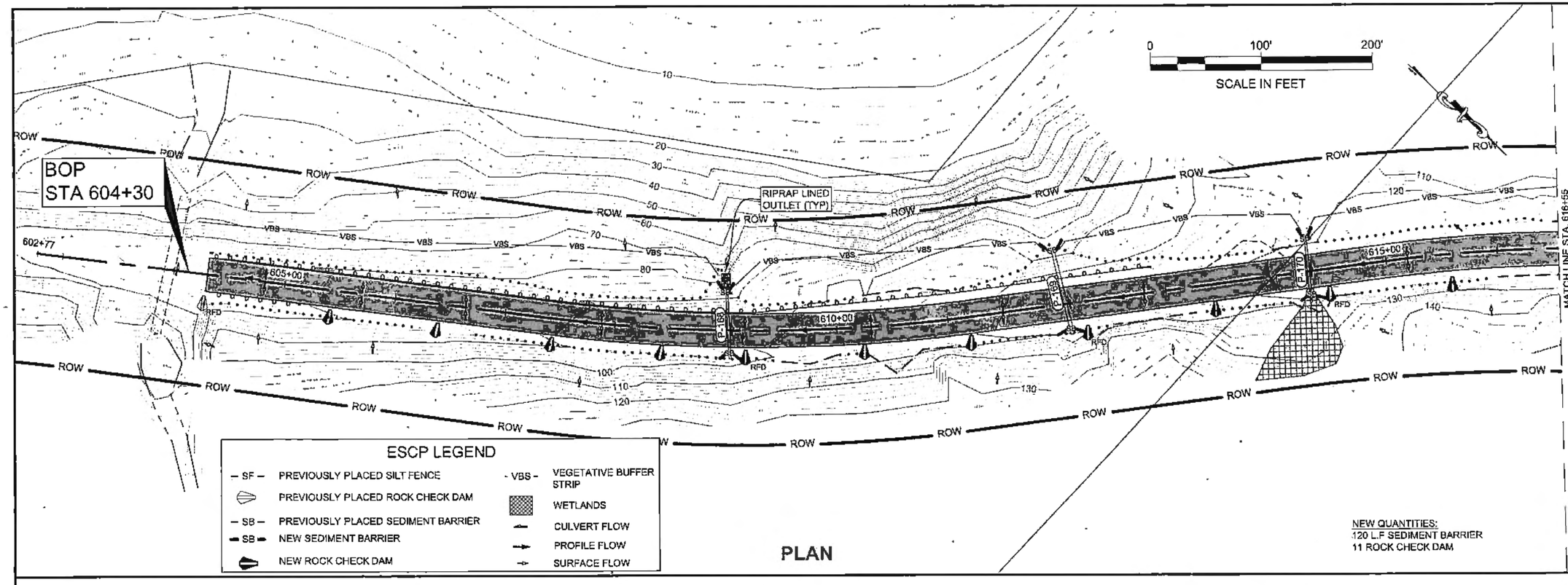
DESIGNED BY: J. WEAVER
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR CLEARING AND GRUBBING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T8	73

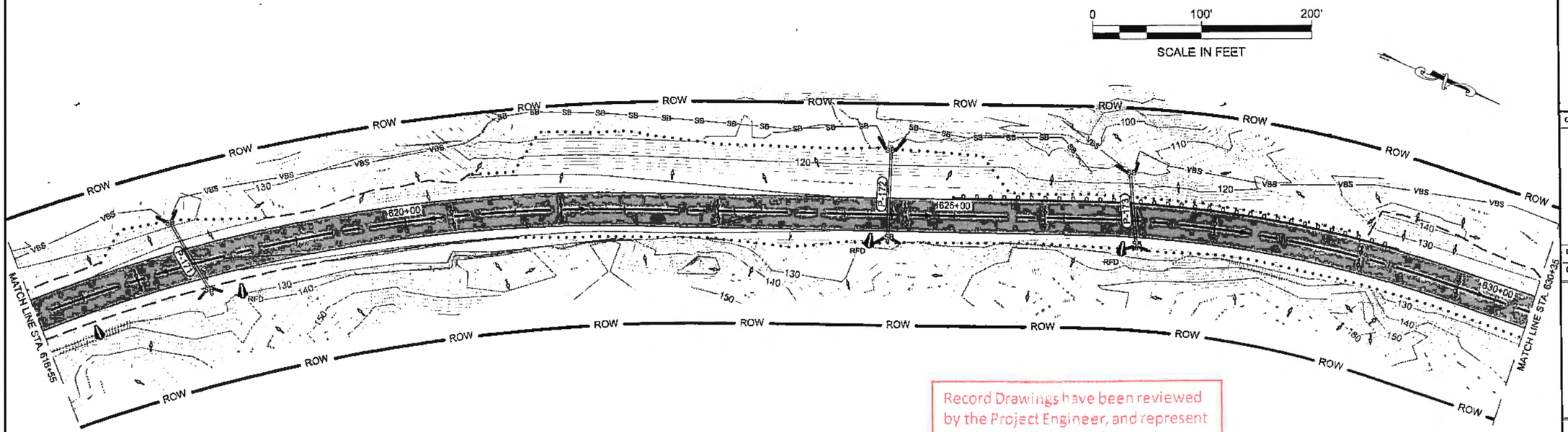


ESCP LEGEND

– SF –	PREVIOUSLY PLACED SILT FENCE	- VBS -	VEGETATIVE BUFFER STRIP
	PREVIOUSLY PLACED ROCK CHECK DAM		WETLANDS
– SB –	PREVIOUSLY PLACED SEDIMENT BARRIER		CULVERT FLOW
– SB –	NEW SEDIMENT BARRIER		PROFILE FLOW
	NEW ROCK CHECK DAM		SURFACE FLOW

PLAN

NEW QUANTITIES:
120 L.F SEDIMENT BARRIER
11 ROCK CHECK DAM



PLAN

NEW QUANTITIES:
120 L.F. SEDIMENT BARRIER
3 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE J. Burgo Date 6/17/11

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

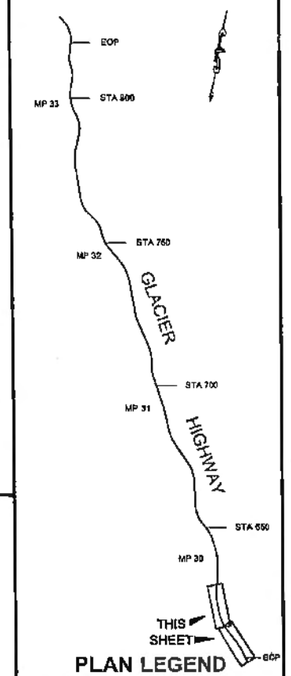
PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

WEAVER, JON M (DOT)
TAB: T9

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 249th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 6/23/11

DESIGNED BY: J. WEAVER

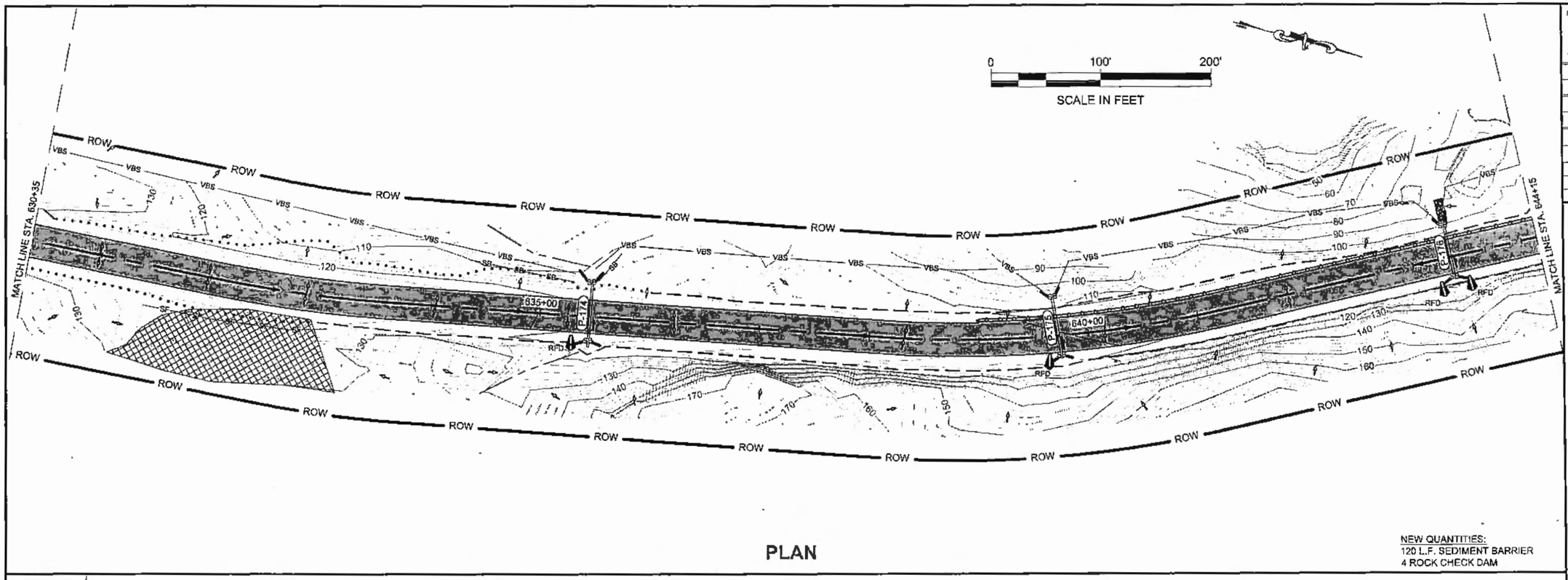
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

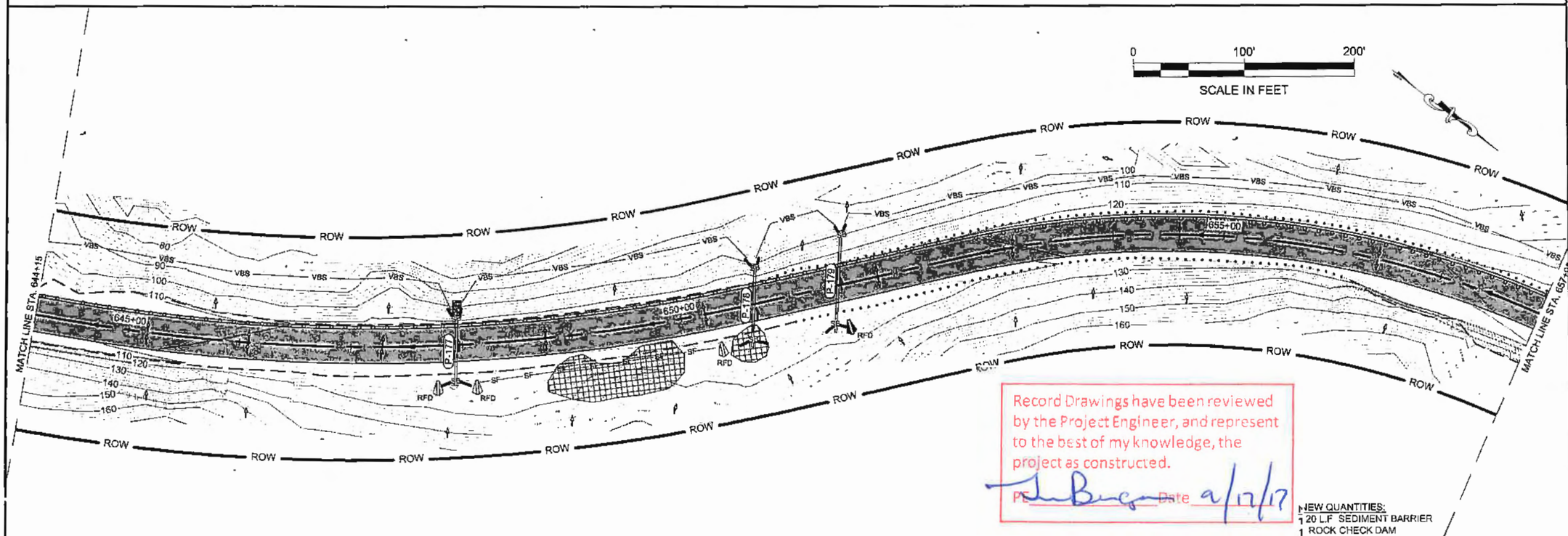
ESCP FOR FINAL GRADING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T9	73



PLAN

NEW QUANTITIES:
120 L.F. SEDIMENT BARRIER
4 ROCK CHECK DAM



PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 9/12/17

NEW QUANTITIES:
1 20 L.F. SEDIMENT BARRIER
1 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:C:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

WEAVER, JON M (DOT)

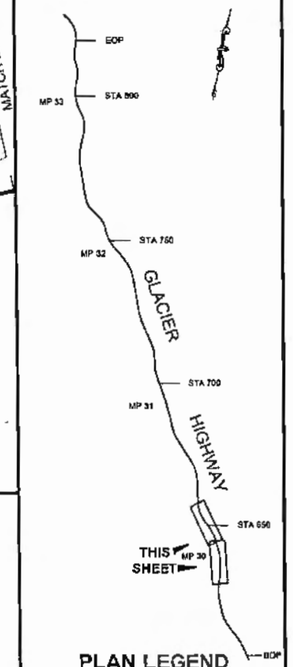
TAB: T10

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA
49th
Charles M. Tripp
CE-9513
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

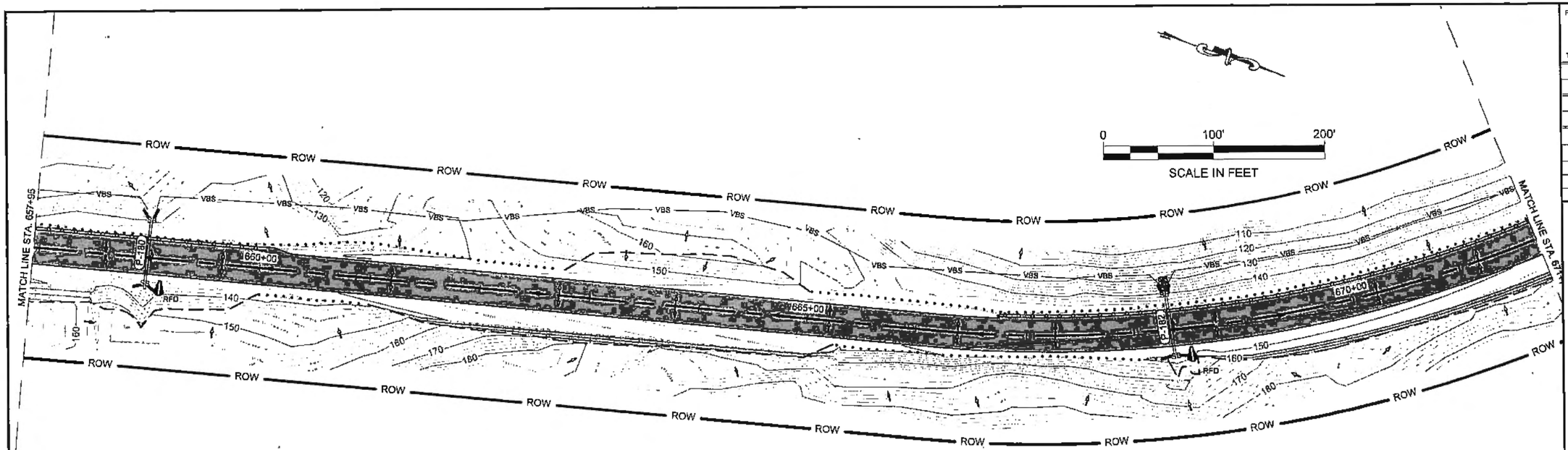
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

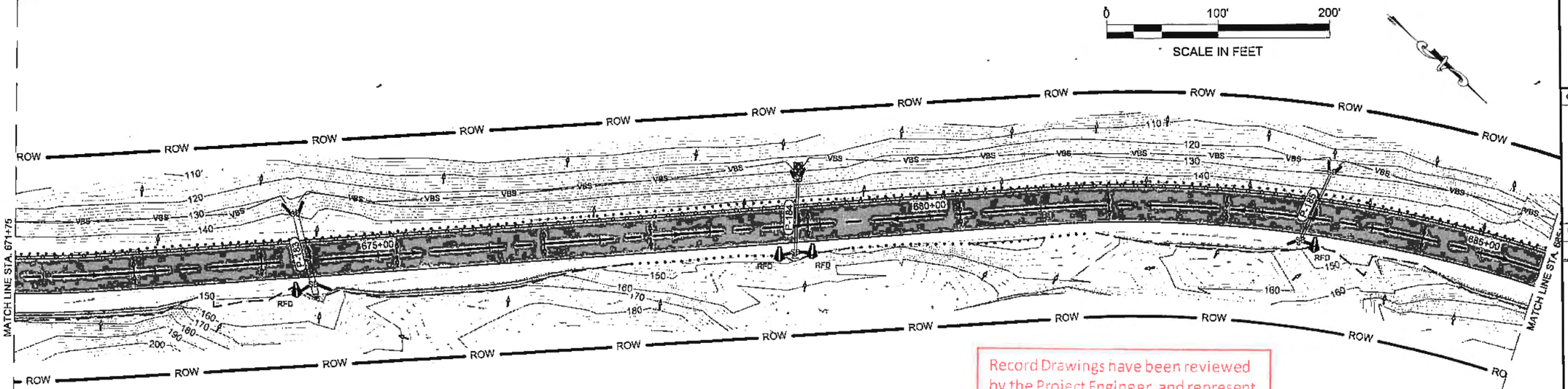
ESCP FOR FINAL GRADING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T10	73



PLAN

NEW QUANTITIES:
80 L.F. SEDIMENT BARRIER
2 ROCK CHECK DAM



PLAN

NEW QUANTITIES:
120 L.F. SEDIMENT BARRIER
4 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 9/17/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

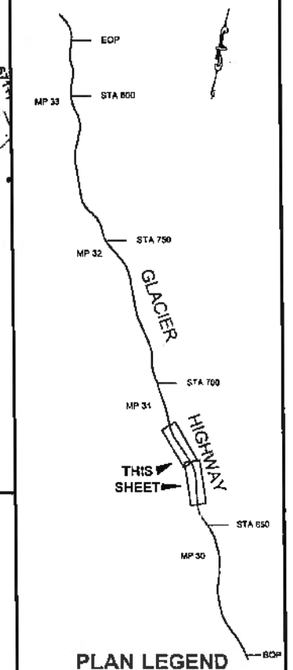
WEAVER, JON M (DOT)
TAB: T11

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9813
REGISTERED PROFESSIONAL ENGINEER
6/23/11

DESIGNED BY: J. WEAVER

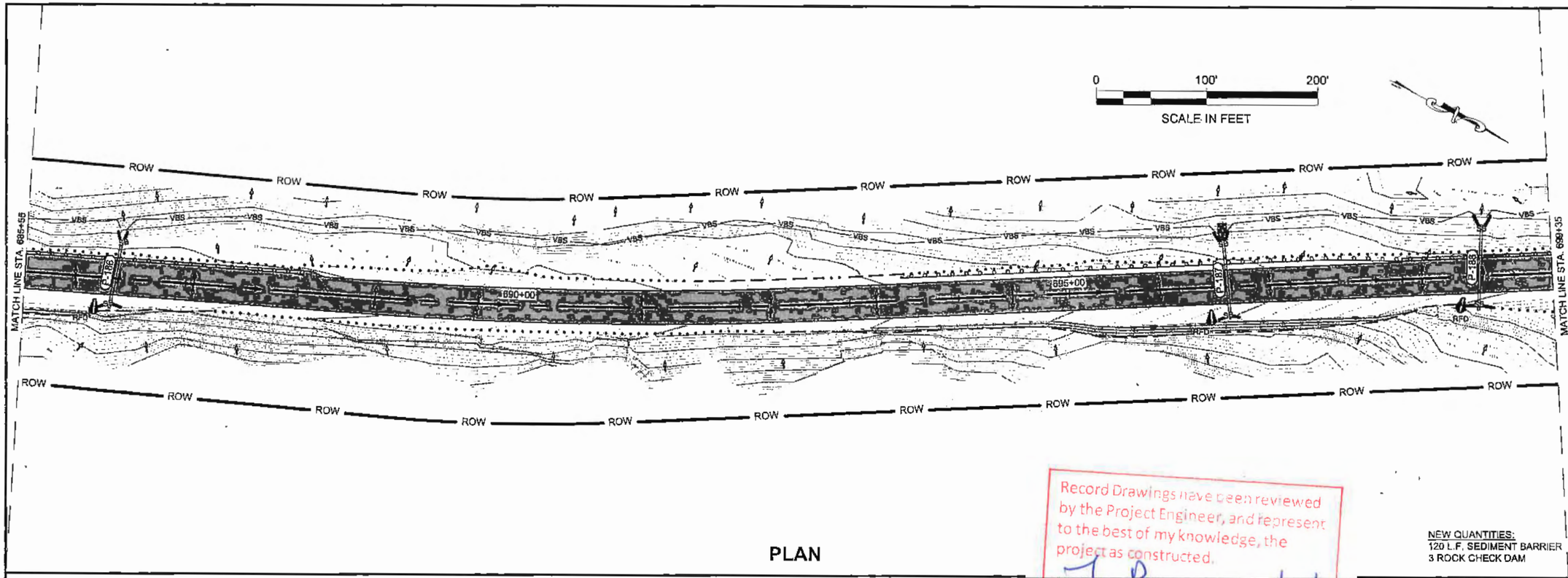
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526
ESCP FOR FINAL GRADING PHASE

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

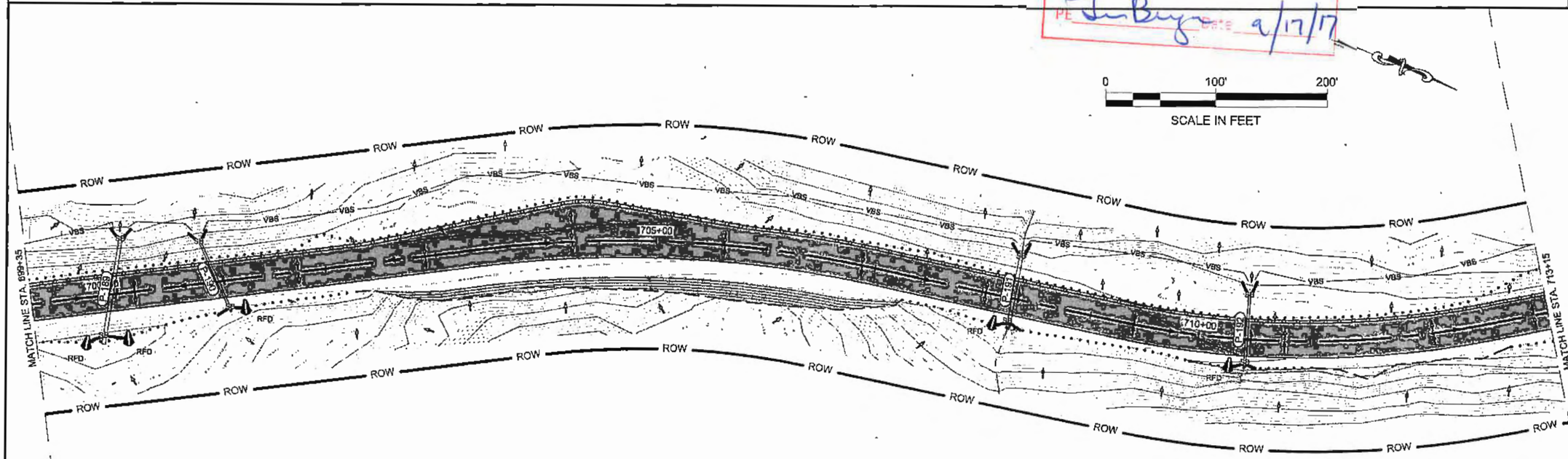
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T11	73



PLAN

NEW QUANTITIES:
120 L.F. SEDIMENT BARRIER
3 ROCK CHECK DAM

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Jim Bruce Date 9/17/17



PLAN

NEW QUANTITIES:
160 L.F. SEDIMENT BARRIER
5 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

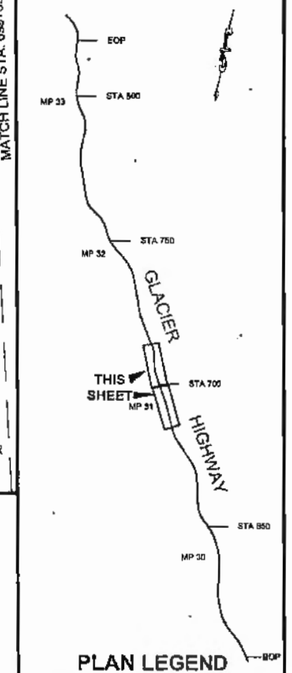
PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

WEAVER, JON M (DOT)
TAB: T12

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
6/24/11

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

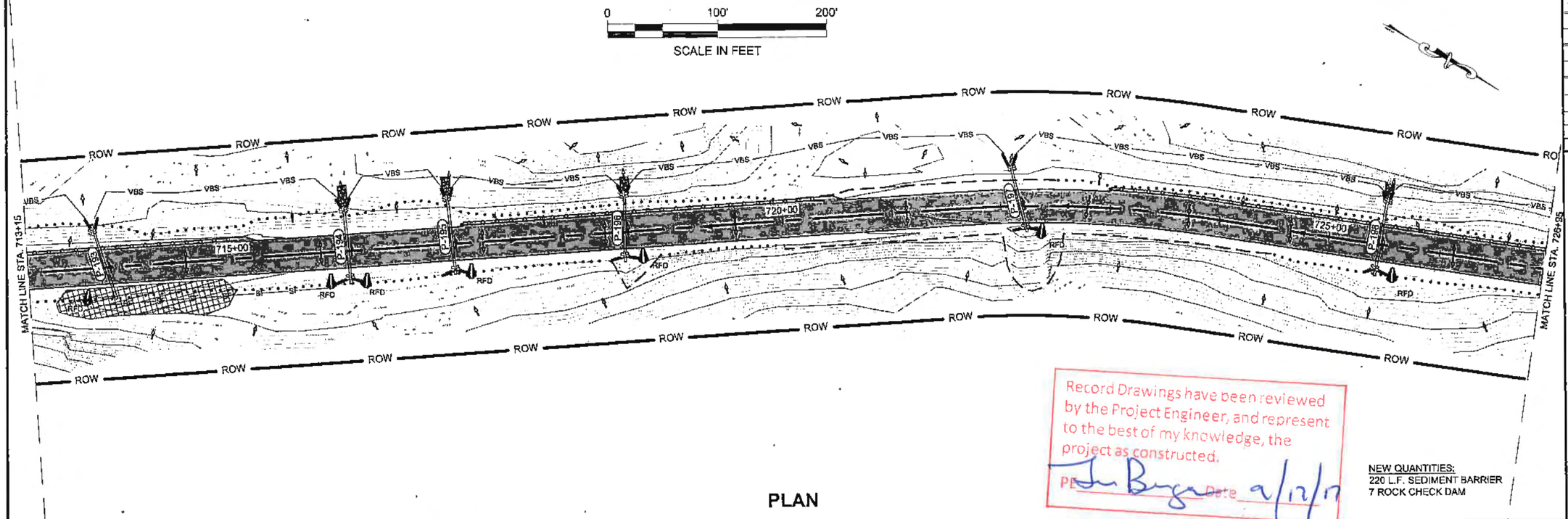
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR FINAL
GRADING PHASE

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T12	73

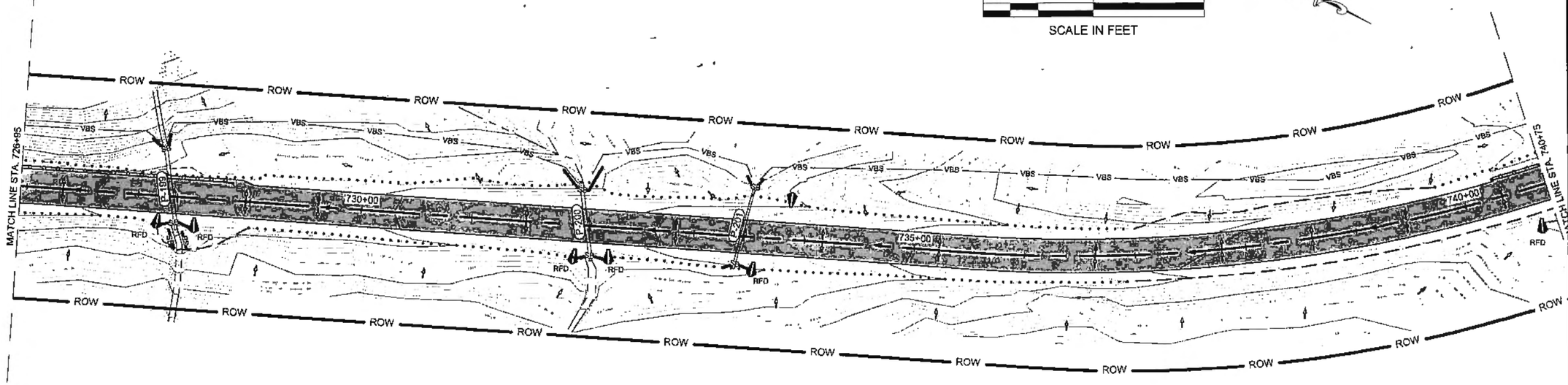


PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE Jon Burger Date 9/12/17

NEW QUANTITIES:
220 L.F. SEDIMENT BARRIER
7 ROCK CHECK DAM



PLAN

NEW QUANTITIES:
180 L.F. SEDIMENT BARRIER
7 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

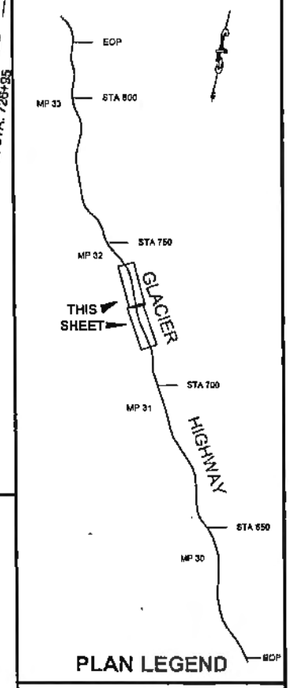
WEAVER, JON M (DOT)
TAB: T13

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
CE-9813
REGISTERED PROFESSIONAL ENGINEER
4/28/11

DESIGNED BY: J. WEAVER

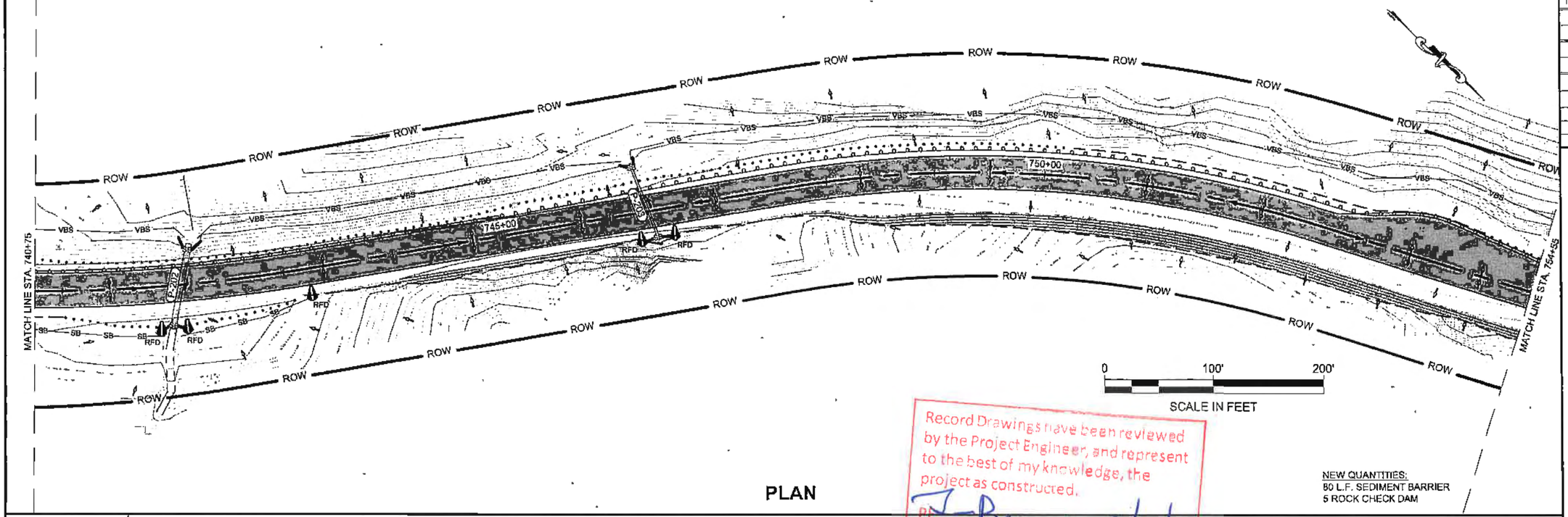
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP FOR FINAL GRADING PHASE

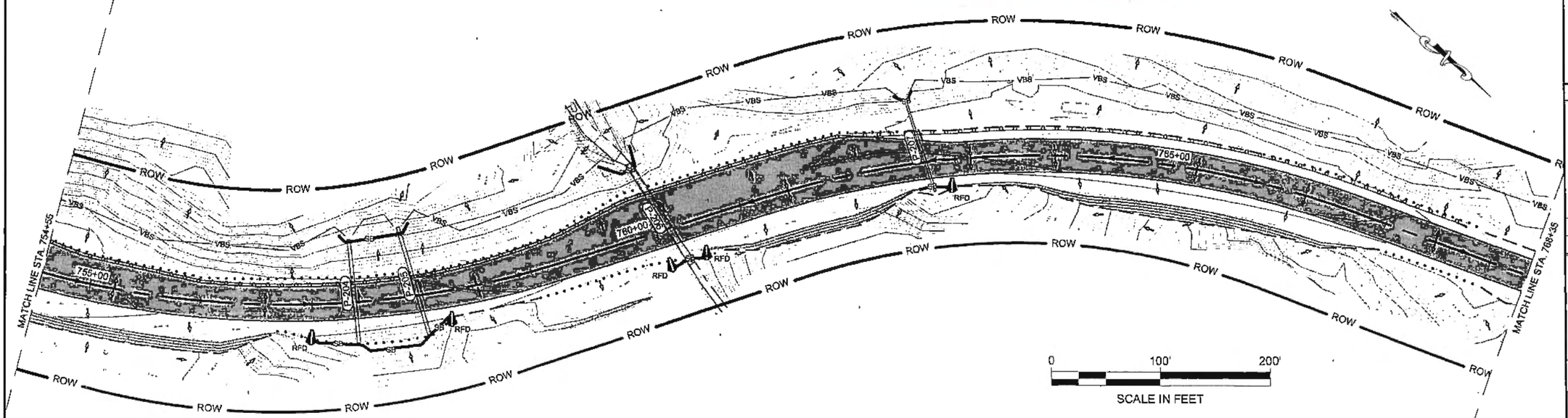
PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T13	73



PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 6/17/17

NEW QUANTITIES:
80 L.F. SEDIMENT BARRIER
5 ROCK CHECK DAM



PLAN

NEW QUANTITIES:
310 L.F. SEDIMENT BARRIER
5 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

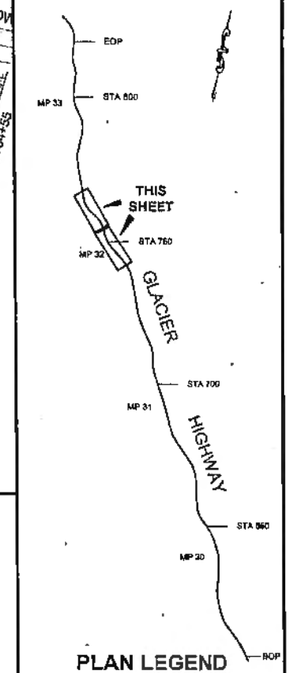
WEAVER, JON M (DOT)
TAB: T14

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

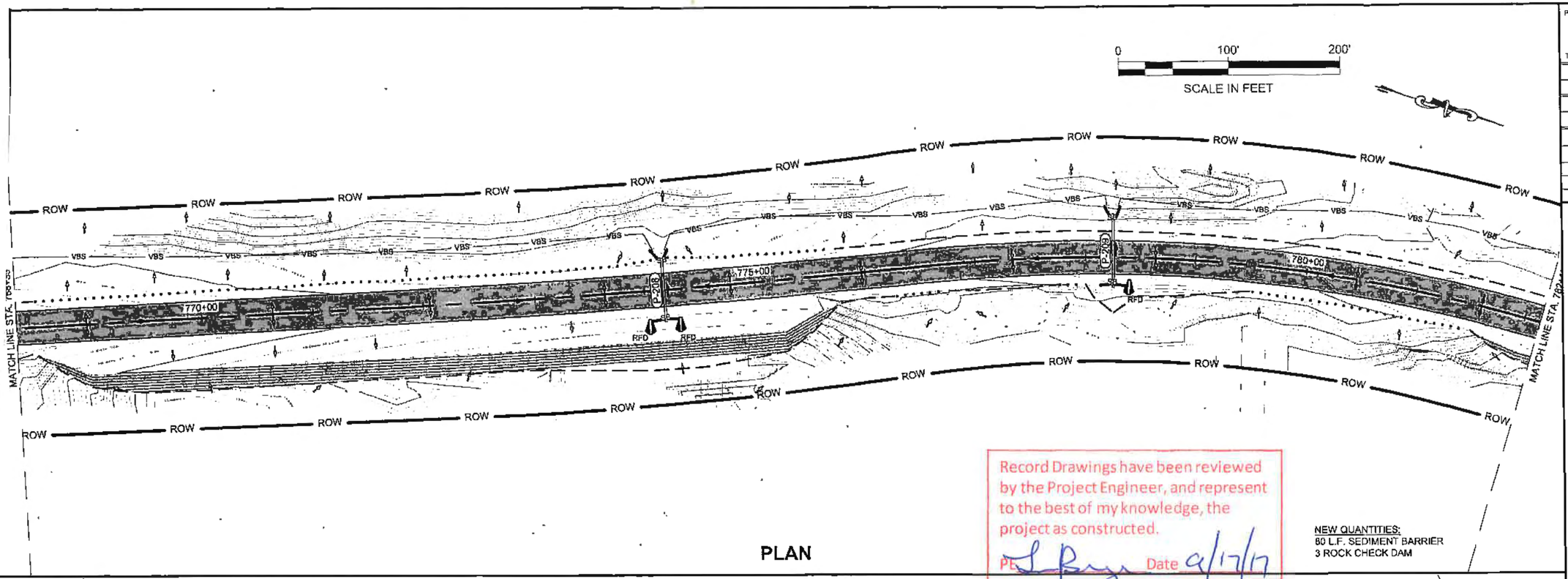
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR FINAL GRADING PHASE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T14	73

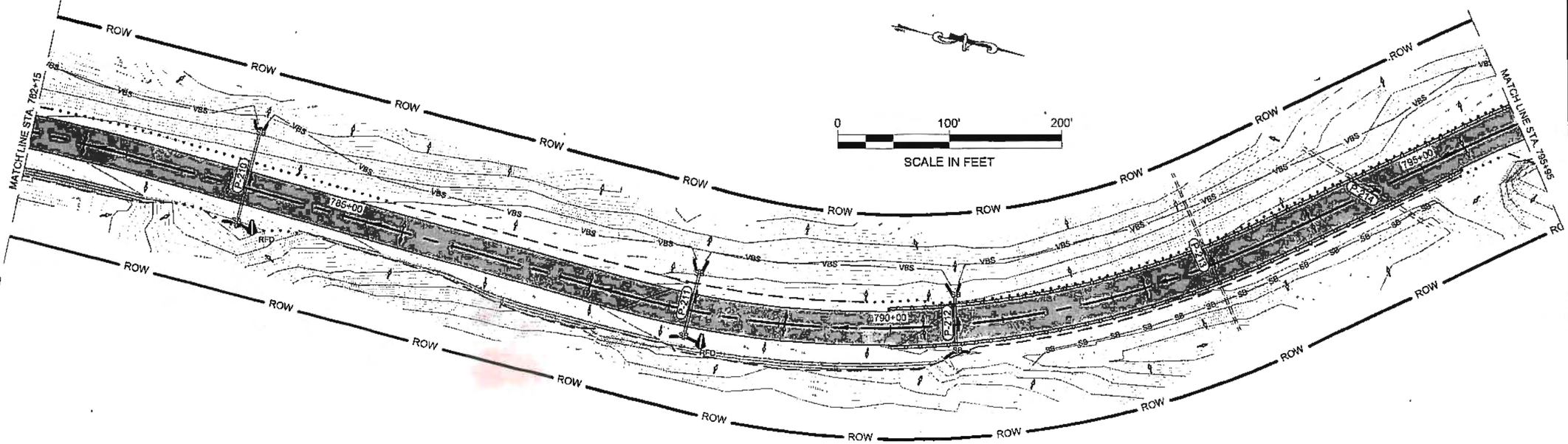


PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE L Bryn Date 9/17/17

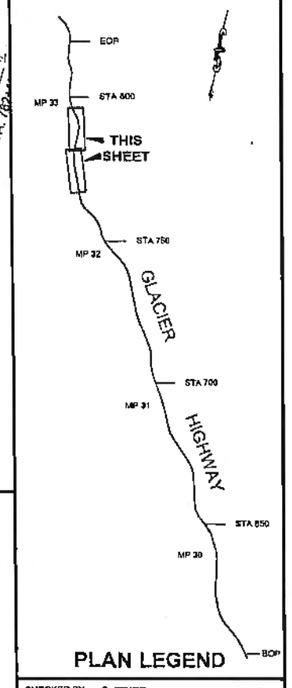
NEW QUANTITIES:
80 L.F. SEDIMENT BARRIER
3 ROCK CHECK DAM



PLAN

NEW QUANTITIES:
120 L.F. SEDIMENT BARRIER
2 ROCK CHECK DAM

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\JNU\67526\PLANSET\C3D PLANSET\T-PROPOSED.DWG

WEAVER, JON M (DOT)
TAB: T15

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

6/23/11

STATE OF ALASKA 49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP FOR FINAL GRADING PHASE

PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T15	73