

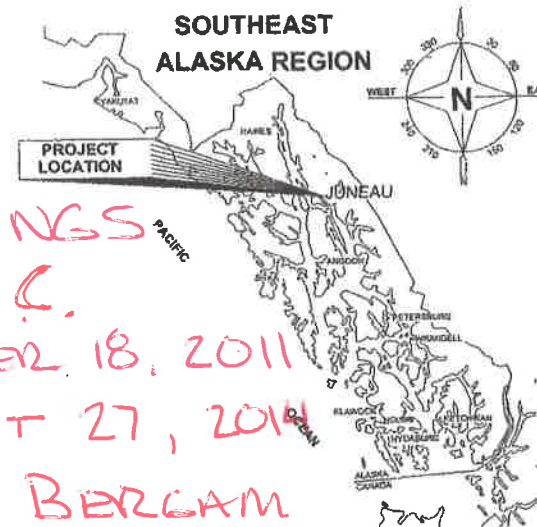
State of Alaska

Department of Transportation and Public Facilities

SOUTHEAST REGION

JUNEAU, ALASKA GLACIER HIGHWAY

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



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

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

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2-A4	SURVEY CONTROL
A5	ALIGNMENT DATA SHEET
A6-A7	EAGLE TREE LOCATIONS
B1	TYPICAL SECTION
B2	GUARDRAIL SECTIONS
B3-B6	SPECIAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D2	MISCELLANEOUS SUMMARIES
F1-F24	PLAN & PROFILE
G1-G2	TURNOUT LAYOUT
G3	DRIVEWAY LAYOUT
H1-H3	LARGE CULVERT DETAILS
J1-J8	MISCELLANEOUS DETAILS
S1-S3	TRAFFIC CONTROL PLAN
T1-T8	ESCP PRIOR TO CLEARING & GRUBBING
T9-T16	ESCP DURING CONSTRUCTION

PATH: Q:\JUN67526\PLANSET\CD PLANSET\07526 A1_TITLE STAGE 3.DWG TAB:A1

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

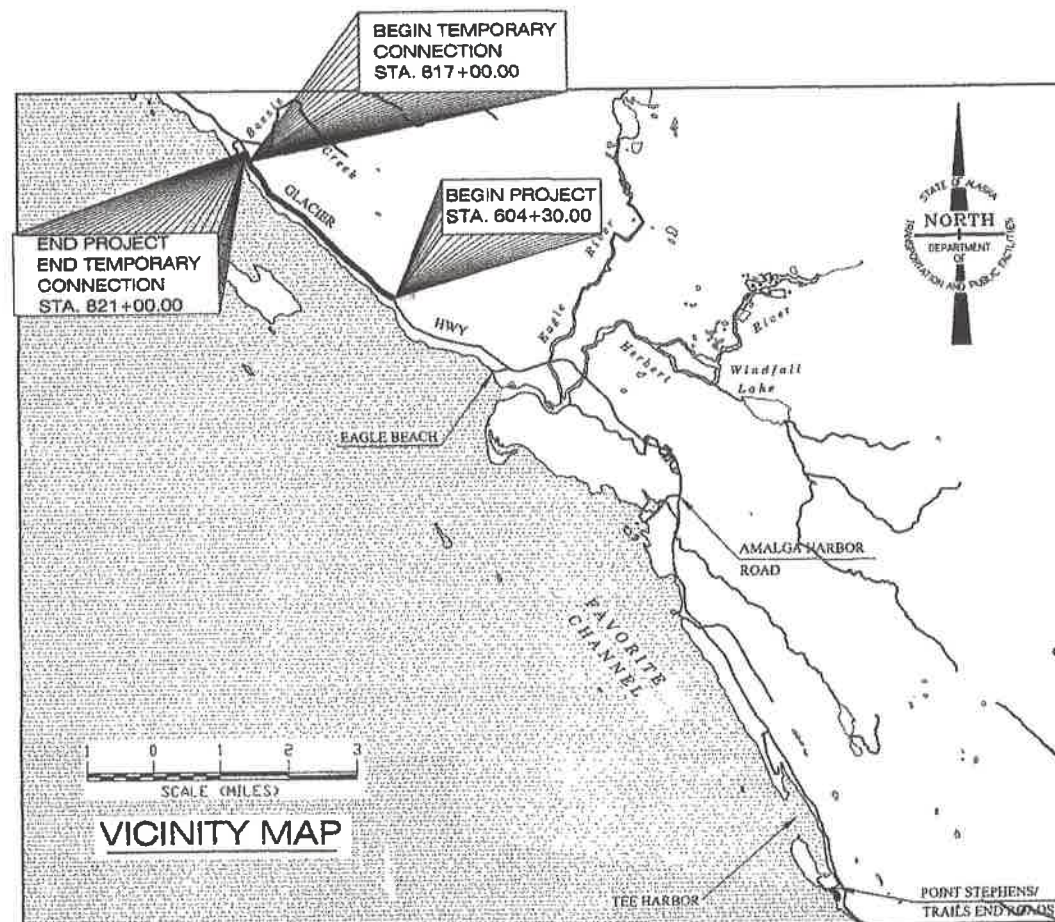


APPROVED: *Chuck Correa* 8/3/11
REGIONAL PRE-CONSTRUCTION ENGINEER
CHUCK CORREA, P.E. DATE
APPROVED: *Albert H. Clough* 8-3-2011
DIRECTOR, SOUTHEAST REGION
ALBERT H. CLOUGH, CPG DATE

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.

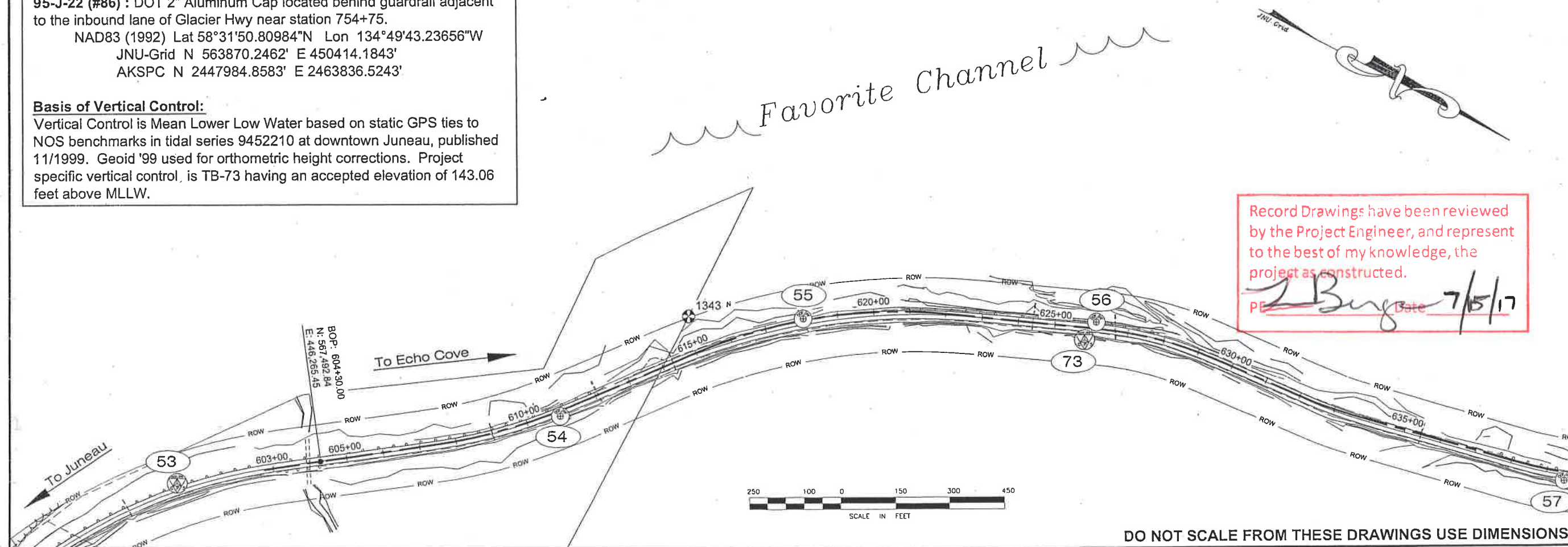
2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction 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+90.69	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



PATH:Q:\JNU\67526\PLANSET\CD3D
PLANSET\67526 A2-A4 CTRL.DWG

WEAVER, JON M (DOT)

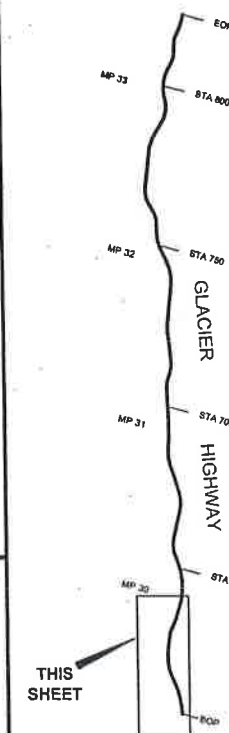
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: R. DAVIS



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

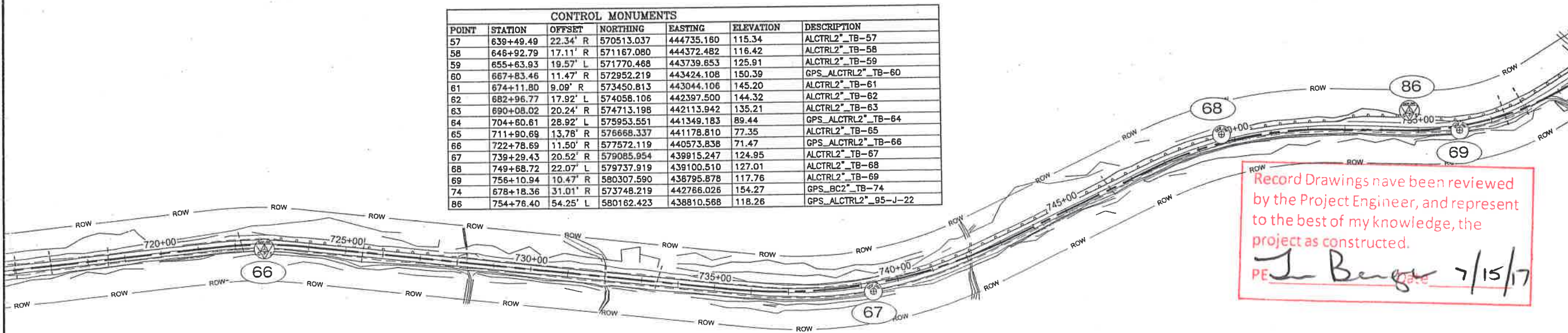
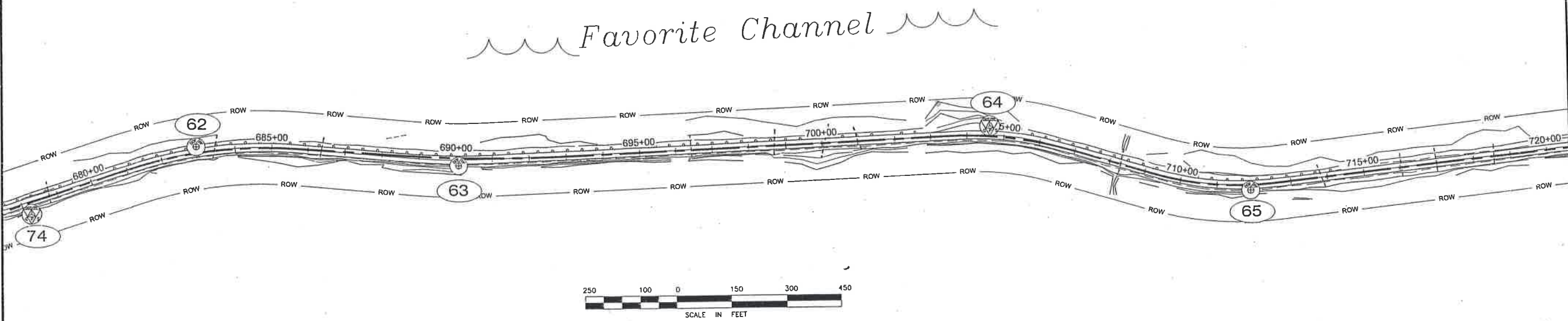
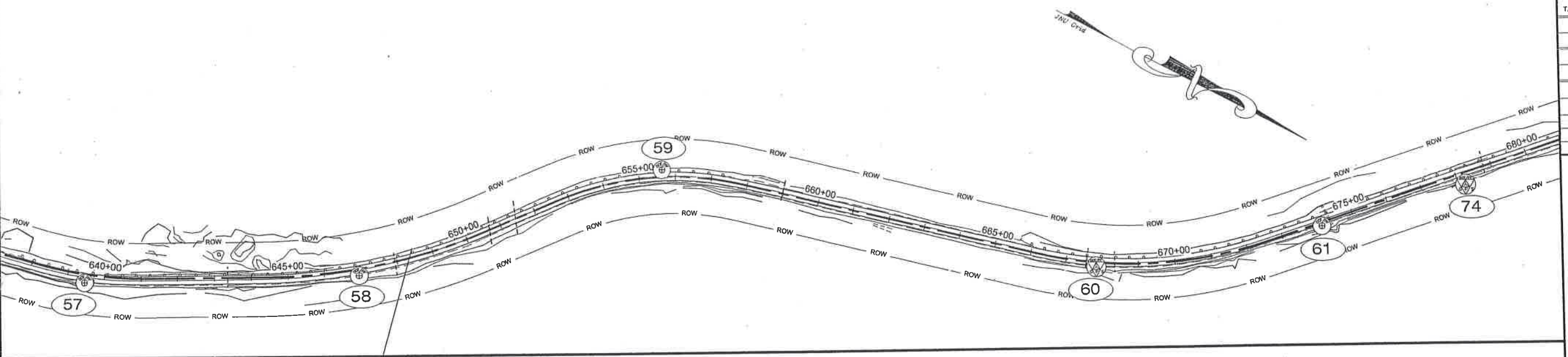
SURVEY CONTROL

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

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A2	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

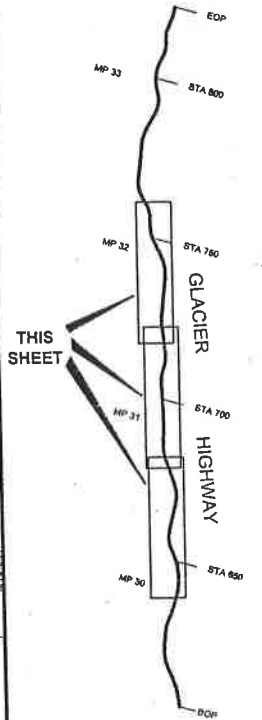
No.	DATE	DESCRIPTION



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	571770.468	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	574058.106	442397.500	144.32	ALCTRL2" TB-62
63	690+08.02	20.24' R	574713.198	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+90.69	13.78' R	576668.337	441178.810	77.35	ALCTRL2" TB-65
66	722+78.69	11.50' R	577572.119	440573.838	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	438795.878	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	438810.568	118.26	GPS_ALCTRL2" 95-J-22

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

PE *J. Berger* 7/15/17



PLAN LEGEND

CHECKED BY: R. DAVIS



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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: R. DAVIS



DESIGNED BY: T. REED

DRAWN BY: T. REED

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

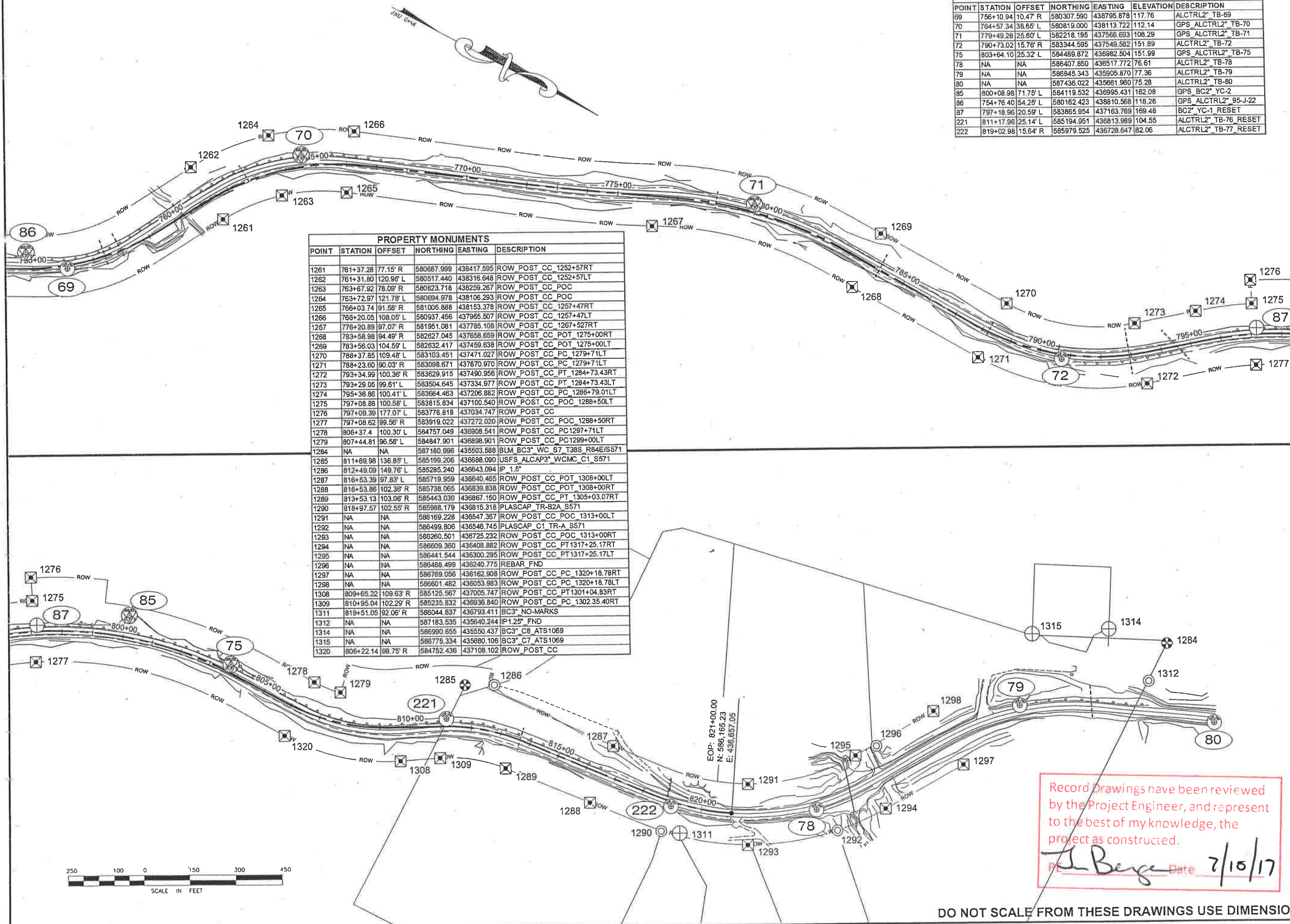
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

SURVEY CONTROL

PROJECT DESIGNATION

ACIM-093-3(28)-67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A4	73



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

PE J. Berge Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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	448265.45	309.10	N35° 18' 24"W					
PC	607+39.10	567741.04	446082.43			568853.77	444873.65	1500.00	383.42	14° 38' 44"
PT	811+22.52	568018.71	445818.60	368.95	N50° 57' 08"W					
PC	814+91.47	568251.14	445532.08			569357.82	448429.76	1425.00	719.84	28° 56' 06"
PT	822+11.12	568823.61	445108.69	410.88	N22° 01' 02"W					
PC	828+21.77	569204.32	444954.74			569603.57	445942.07	1065.00	333.96	17° 58' 00"
PT	829+55.74	569528.35	444879.73	246.19	N4° 03' 01"W					
PC	832+01.92	569773.92	444862.34			569889.16	443685.34	1200.00	167.41	7° 30' 57"
PT	833+59.33	569929.76	444840.97	452.65	N11° 33' 58"W					
PC	838+11.99	570373.22	444750.21			570159.69	443706.84	1065.00	309.11	16° 37' 46"
PT	841+21.09	570662.88	444645.46	323.16	N28° 11' 45"W					
PC	844+44.25	570947.70	444492.78			570191.72	443082.63	1600.00	617.67	22° 07' 07"
PT	850+81.92	571423.02	444104.35	203.39	N50° 18' 52"W					
PC	852+65.31	571652.89	443947.84			572195.47	444481.05	835.00	523.55	35° 55' 30"
PT	857+88.86	571987.97	443672.24	825.98	N14° 23' 21"W					
PC	866+14.84	572788.04	443466.98			572496.04	442328.84	1175.00	651.59	31° 46' 23"
PT	872+86.43	573343.67	443142.67	828.39	N46° 08' 45"W					
PC	880+94.82	573917.33	442545.14			574782.90	443376.28	1200.00	467.57	22° 19' 29"
PT	885+62.39	574287.92	442278.85	234.89	N23° 50' 15"W					
PC	887+97.08	574512.59	442183.80			573017.26	438799.43	3700.00	389.88	6° 02' 15"
PT	891+86.96	574880.28	442007.75	1173.59	N28° 52' 30"W					
PC	703+60.55	575877.90	441423.18			576408.38	442348.85	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+66.58	576717.47	441132.04	606.83	N34° 08' 28"W					
PC	721+83.41	577486.01	440623.10			578065.72	441504.65	1065.00	229.06	12° 18' 23"
PT	723+92.47	577689.91	440515.84	1157.71	N21° 49' 04"W					
PC	735+50.16	578744.69	440085.57			578224.37	438785.85	1400.00	763.10	31° 13' 49"
PT	743+13.27	578343.16	439827.45	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	438955.38	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+33.68	580517.11	438550.31	191.40	N58° 48' 24"W					
PC	761+24.97	580616.34	438358.64			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	581705.58	437772.72	287.51	N22° 06' 27"W					
PC	776+88.45	581971.85	437664.29			582503.84	438970.16	1410.00	604.19	24° 33' 05"
PT	782+92.83	582562.54	437561.39	466.49	N2° 23' 38"E					
PC	787+56.95	583028.61	437580.88			583083.49	436748.61	835.00	597.17	40° 58' 36"
PT	793+54.13	583584.24	437399.33	192.28	N38° 34' 58"W					
PC	795+46.40	583734.54	437278.42			584510.98	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+88.86	584712.84	437009.97			584720.74	436350.02	660.00	338.29	29° 27' 17"
PT	809+26.95	585036.39	436920.55	182.38	N26° 46' 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	435908.46	818.51	283.58	18° 27' 02"
EOP / POC	821+00.00	586165.23	436657.05							

STATION EQUATION:
707+05.86 BACK = 707+06.59 AHEAD

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

PATH:Q:\JH\87526\ENR\DOCS\CONSTRUCTION\REDESIGN
267526 AS ALIGNMENT LAYOUT.DWG

TRIPP, CHARLES M (DOT)
TAB: A5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	5/17/12	REALIGNMENT
2	8/15/12	REALIGNMENT TO AVOID TALUS FOUND AT STA 694

NEW SHEET (5W)

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

PE In Berger 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 #87526

ALIGNMENT LAYOUT

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE YEAR
ALASKA 2011

SHEET NUMBER TOTAL SHEETS

A5 73

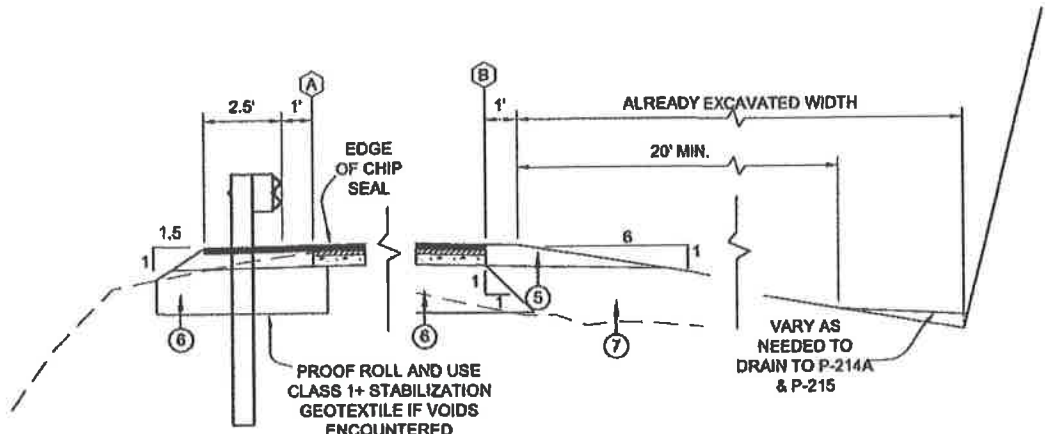
GLACIER HIGHWAY NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK ALIGNMENT LAYOUT

MATCHES CURVE IN CHANGE ORDER #4

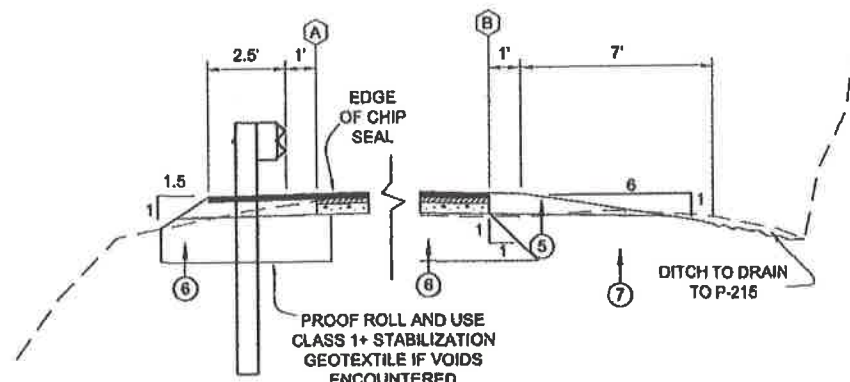
STATION EQUATION:
809+42.12 BACK = 809+44.90 AHEAD

MATCHES ALIGNMENT IN CHANGE ORDER #4

Number	START STATION	NORTHING	EASTING	TANGENT DISTANCE	TANGENT BEARING	NORTHING CENTER	EASTING CENTER	RADIUS	LENGTH	DELTA
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	197.91	N38° 34' 58"W				197.91	
PC	795+52.03	583736.94	437275.91			584487.32	438213.96	1200.00	757.83	36° 11' 01"
PT	803+09.86	584437.08	437015.01	326.30	N2° 23' 57"W				326.30	
PC	806+38.17	584763.10	437001.35			584735.47	436341.83	660.00	303.76	26° 22' 13"
PT	809+42.76	585053.12	436920.46	165.57	N26° 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+38.42	585910.89	436721.79			585838.77	435908.46	818.51	263.66	18° 27' 02"
EOP / POC	821+00.00	586165.23	436657.05							



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. Burger* Date 9/17/17

PATH: Q:\1107526\ENIDOC\CONSTRUCTION\KED 516 4 786-807526 AS ALIGNMENT LAYOUT.DWG

WEAVER, JON M (DOT)

TAB: A5(A)

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

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

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

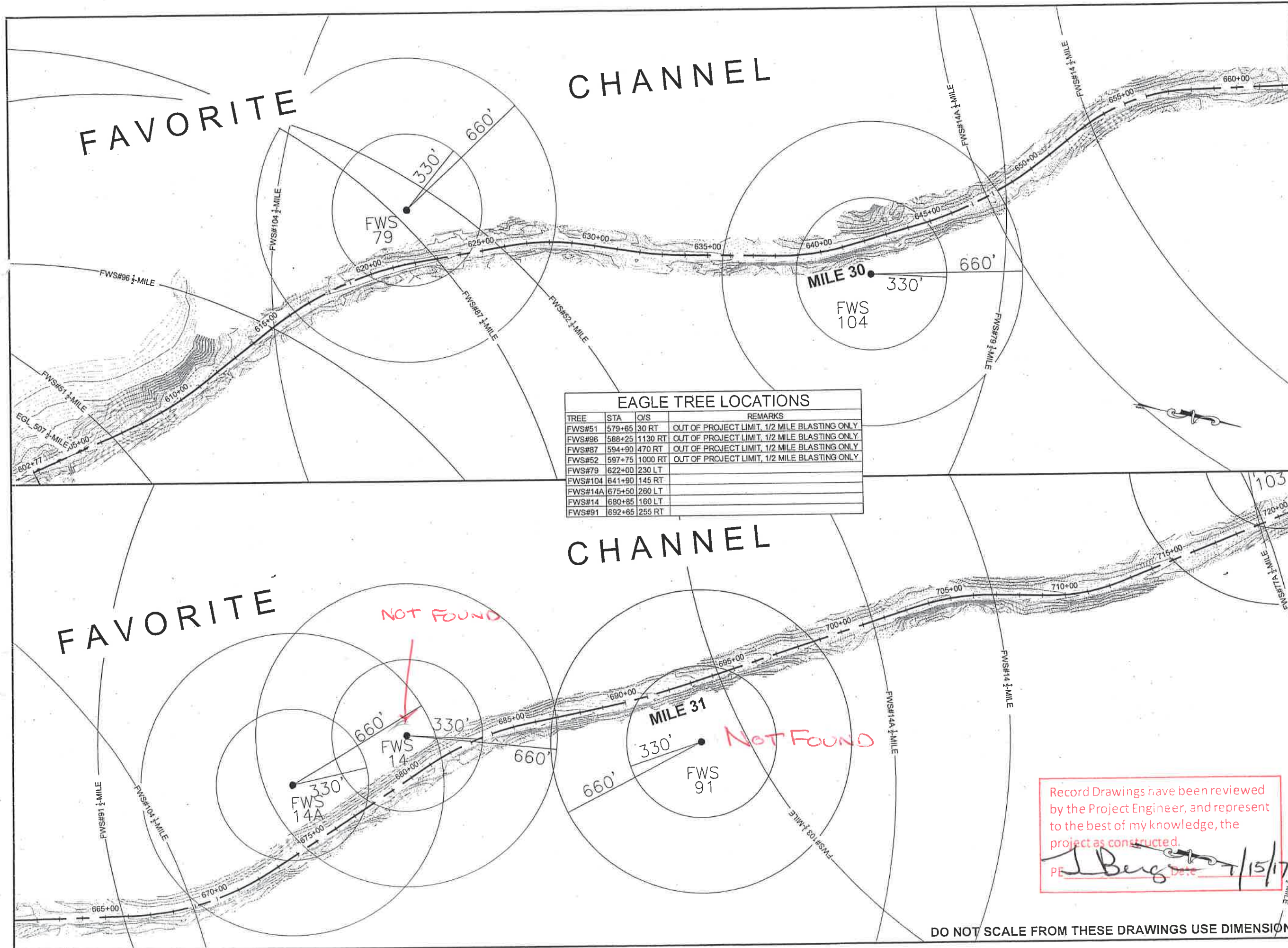
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526
CHANGE ORDER
ALIGNMENT LAYOUT
AND TYPICALS

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 *J. Berger* Date 7/15/17

PATH:Q:\JUNI67526\PLANSET\IC3D
PLANSET\67526 A6-A7 EAGLE TREES.DWG

WEAVER, JON M (DOT)
TAB: A6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

BESSIE CREEK

FAVORITE CHANNEL

THIS SHEET

KAYAK LAUNCH

PLAN LEGEND

CHECKED BY: C. TRIPP

7-5-17

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

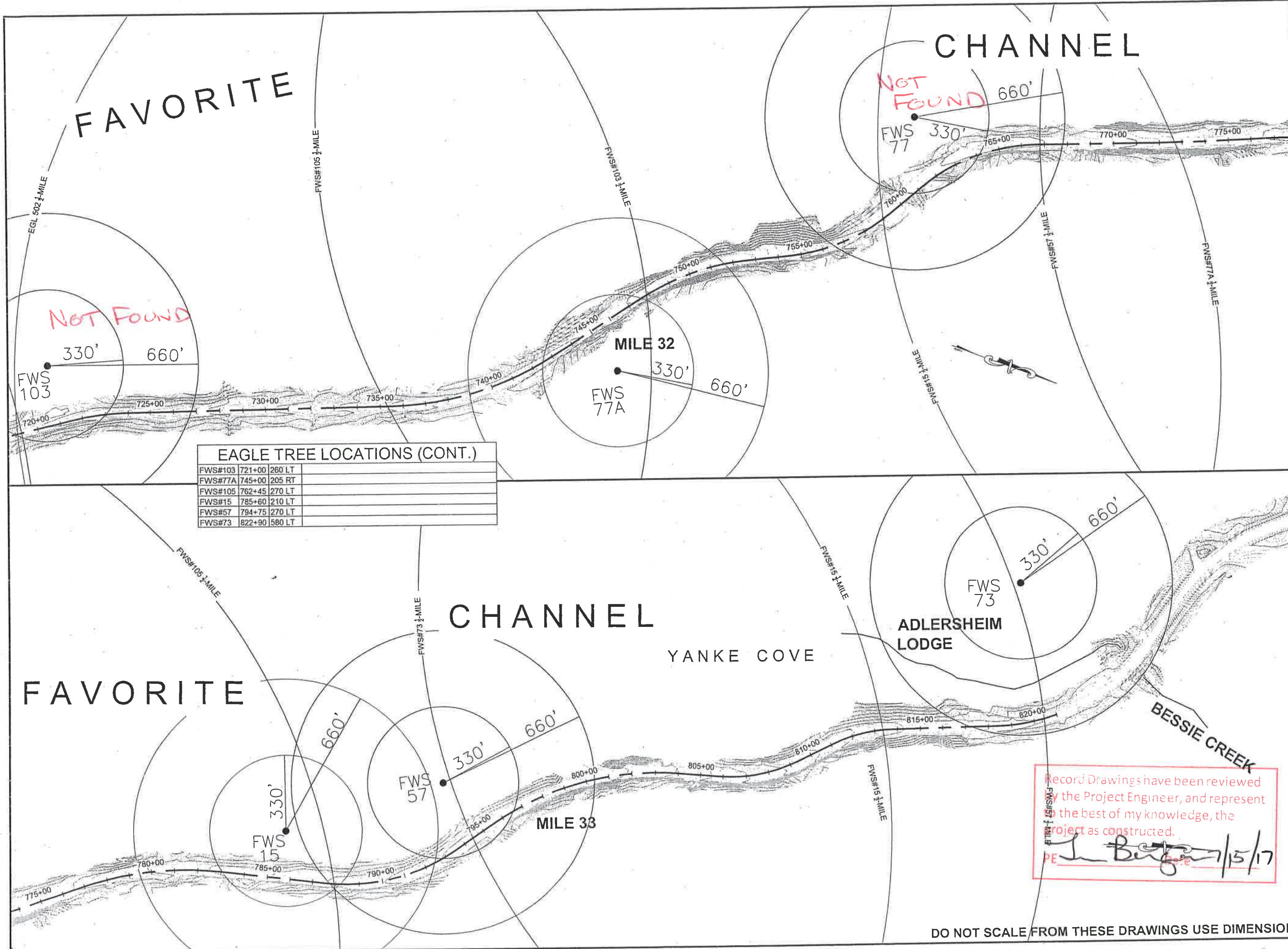
EAGLE TREE LOCATIONS

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
A6	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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

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

[Signature] 7/15/17
PE

PATH: Q:\JUN167526\PLANSET\3D PLANSET\67526 A6-A7 EAGLE TREES.DWG

WEAVER, JON M (DOT)

TAB: A7

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

BESSIE CREEK

THIS SHEET

FAVORITE CHANNEL

KAYAK LAUNCH

PLAN LEGEND

CHECKED BY: C. TRIPP

7-5-11

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

EAGLE TREE LOCATIONS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
A7	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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).

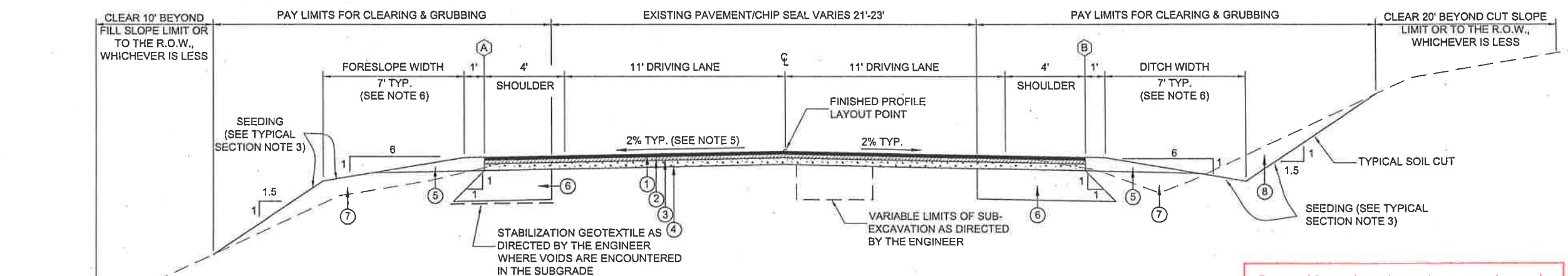
7. FILL SLOPES SHOWN ARE THE STEEPEST THAT MAY BE CONSTRUCTED. FILL SLOPES MAY BE CONSTRUCTED FLATTER WITH APPROVAL OF THE ENGINEER. FILL SLOPES MAY NOT BE CONSTRUCTED FLATTER IN WETLANDS, WITHIN 50 FEET OF STREAMS, OR WITHIN 330 FEET OF AN EAGLE TREE.
8. MAINTAIN POSITIVE DRAINAGE AWAY FROM THE ROAD.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

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 B5
652+40	652+50	656+10	656+20	RT	SEE DETAIL 	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 	AVOID SOIL CUT UPHILL. TRANSITION INTO ROCK CUT AT 692+40
694+85	695+35	697+80	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 	AVOID SOIL CUT UPHILL
747+90	748+40	756+20	756+70	RT	19'	ROCK CATCHMENT

[illegible]

NEW TYPICAL BIA

CLEARING AT CURVES
ADDITIONAL 10 FEET
CHANGE ORDER 12



ROADWAY TYPICAL SECTION

(EXCEPT WHERE MODIFIED BY OTHER TYPICAL SECTIONS)

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

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

PE T. Beyer Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

WEAVER, JON M (DOT)
TAB: B1

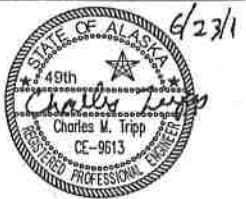
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

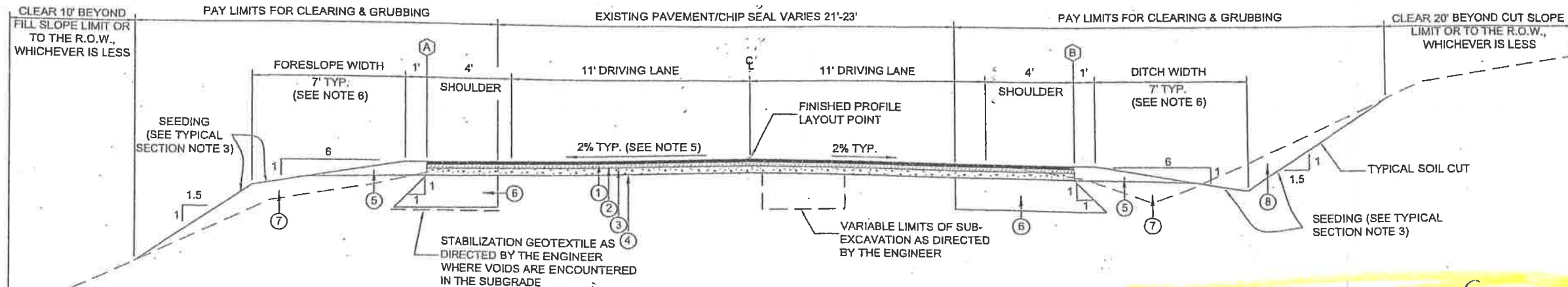
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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



MATERIAL LEGEND

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

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

PLANNED TYPICAL SECTION

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT / J. WEAVER

DRAWN BY: T. FAGNANT / J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

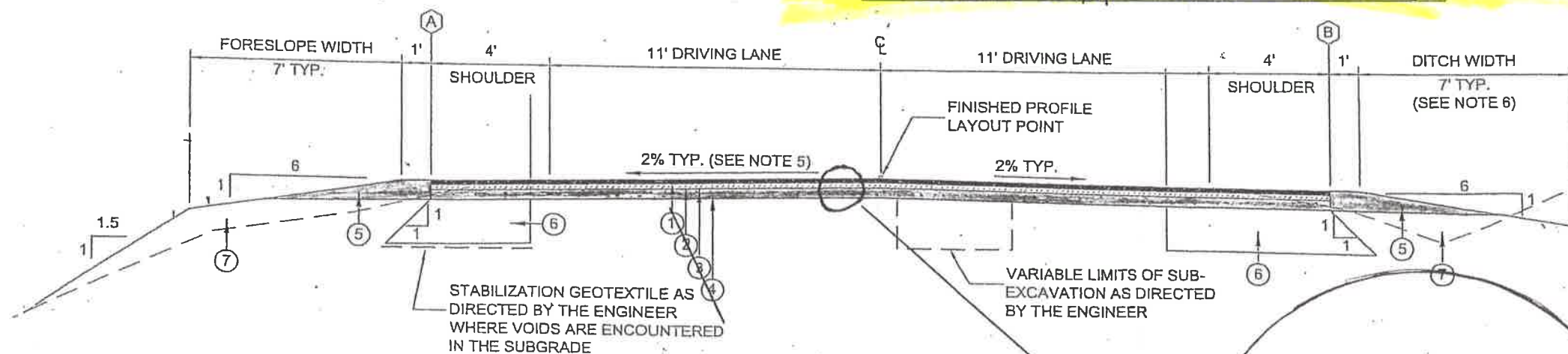
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

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

NEW PLANSHEET

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

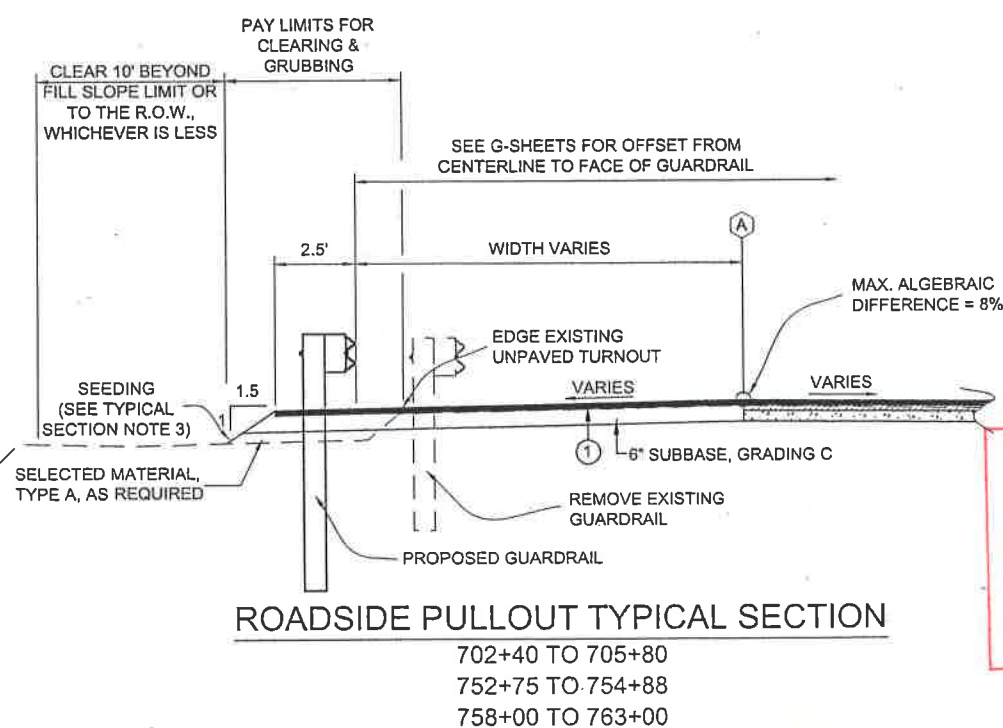
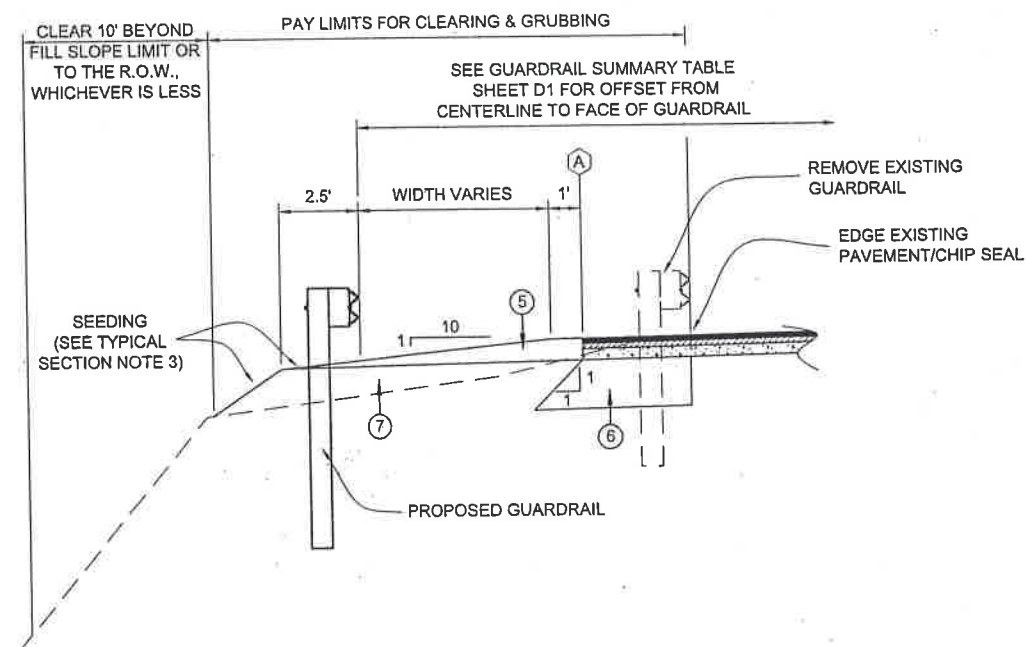
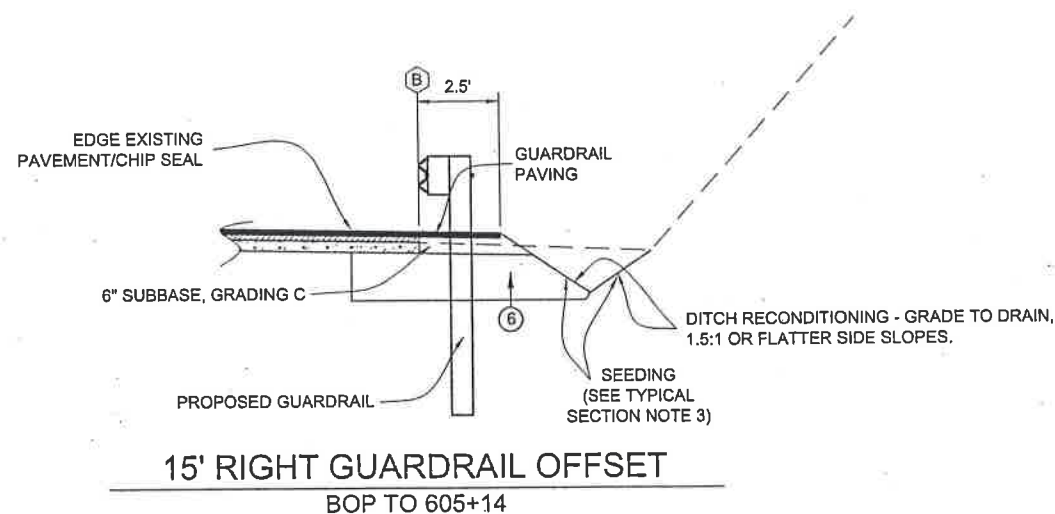
PE *[Signature]* Date 7/15/17

GUARDRAIL NOTES

- GUARDRAIL POSTS SHALL BE 8' MINIMUM.
- REFER TO G SERIES STANDARD DRAWINGS FOR GUARDRAIL DETAILS.
- NEW GUARDRAIL INSTALLATION SHALL BE CONSTRUCTED AFTER ROADWAY PAVING IS COMPLETED.
- SEE GUARDRAIL SUMMARY ON SHEET D1 FOR GUARDRAIL LOCATIONS.
- 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.

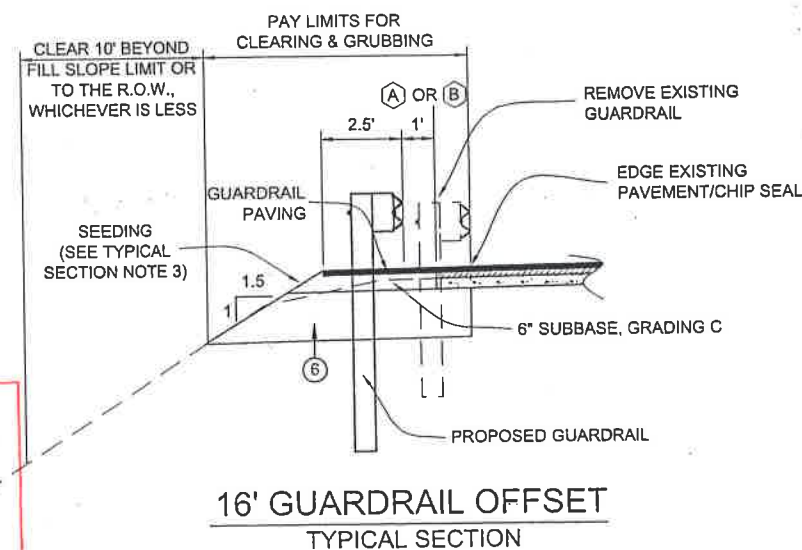
MATERIAL LEGEND

- | | |
|---|--|
| ① 2" ASPHALT CONCRETE, TYPE II; CLASS B | ⑦ USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B |
| ② STE-1 ASPHALT FOR TACK COAT | ⑧ UNCLASSIFIED EXCAVATION |
| ③ 2" ATB | ⑨ ROCK EXCAVATION |
| ④ 4" CRUSHED ASPHALT BASE COURSE | ⑩ REFERENCE POINT FOR PARTIAL SECTIONS |
| ⑤ 8" SUBBASE, GRADING C | |
| ⑥ 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1) | |



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:\UN\67526\PLANSET\3D
PLANSET\67526 B1-B6 TYPICALS.DWG

WEAVER, JON M (DOT)
TAB: B2

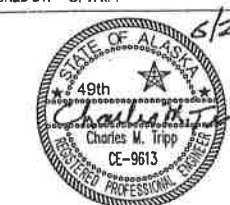
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



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.

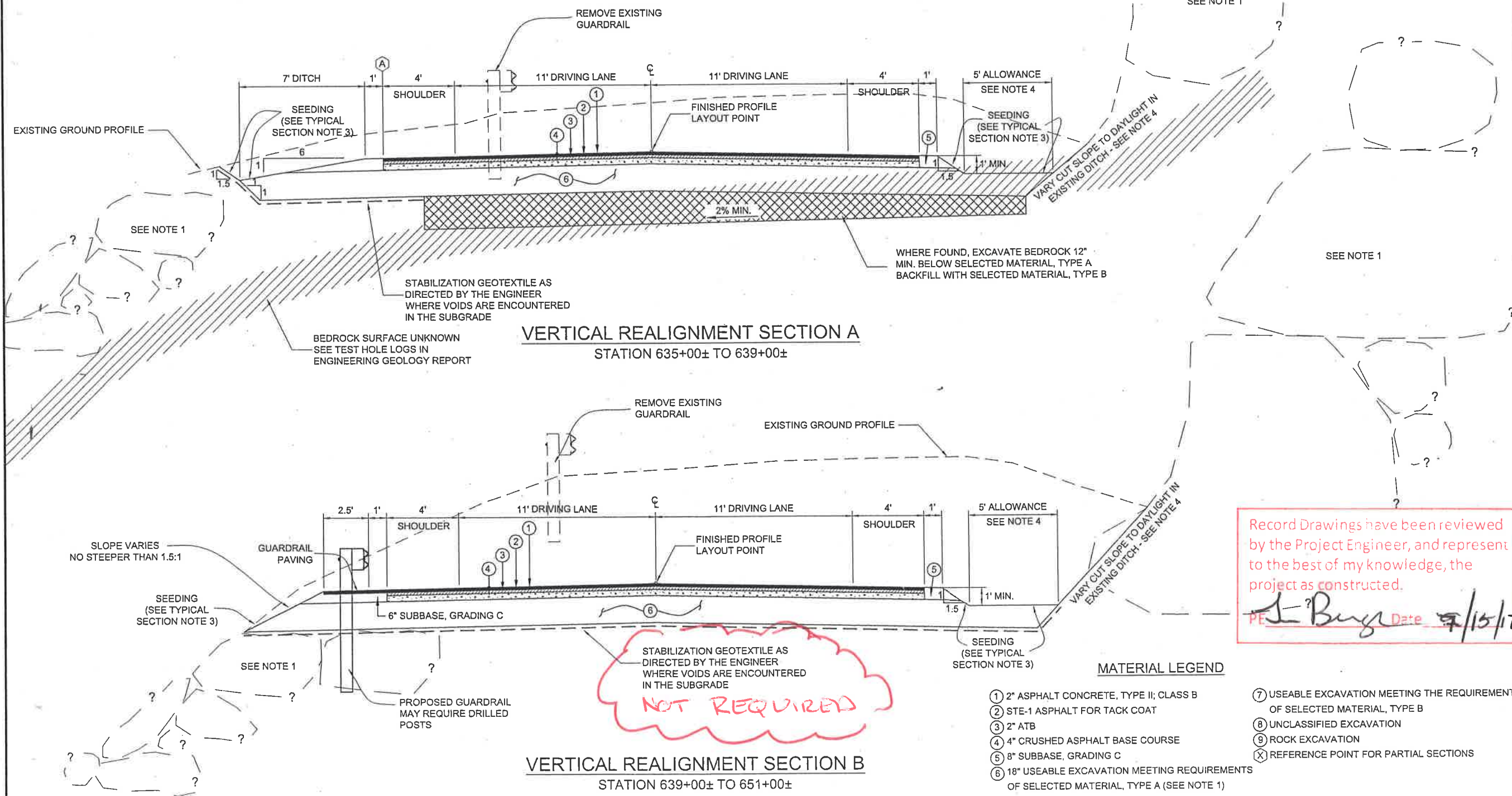
PORTIONS OF THE ROADWAY ARE BUILT ON BEDROCK AND LARGE SHOT ROCK. SOLID ROCK AND LARGE SHOT ROCK MAY BE ENCOUNTERED WHILE INSTALLING GUARDRAIL POSTS. SPECIAL EQUIPMENT AND DRILLING MAY BE REQUIRED TO ACHIEVE REQUIRED PENETRATION FOR INSTALLING GUARDRAIL POSTS.
3.

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.



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
- ⓧ

REFERENCE POINT FOR PARTIAL SECTIONS

PATH:Q:\UNU167526\PLANSET\3D
PLANSET167526 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
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

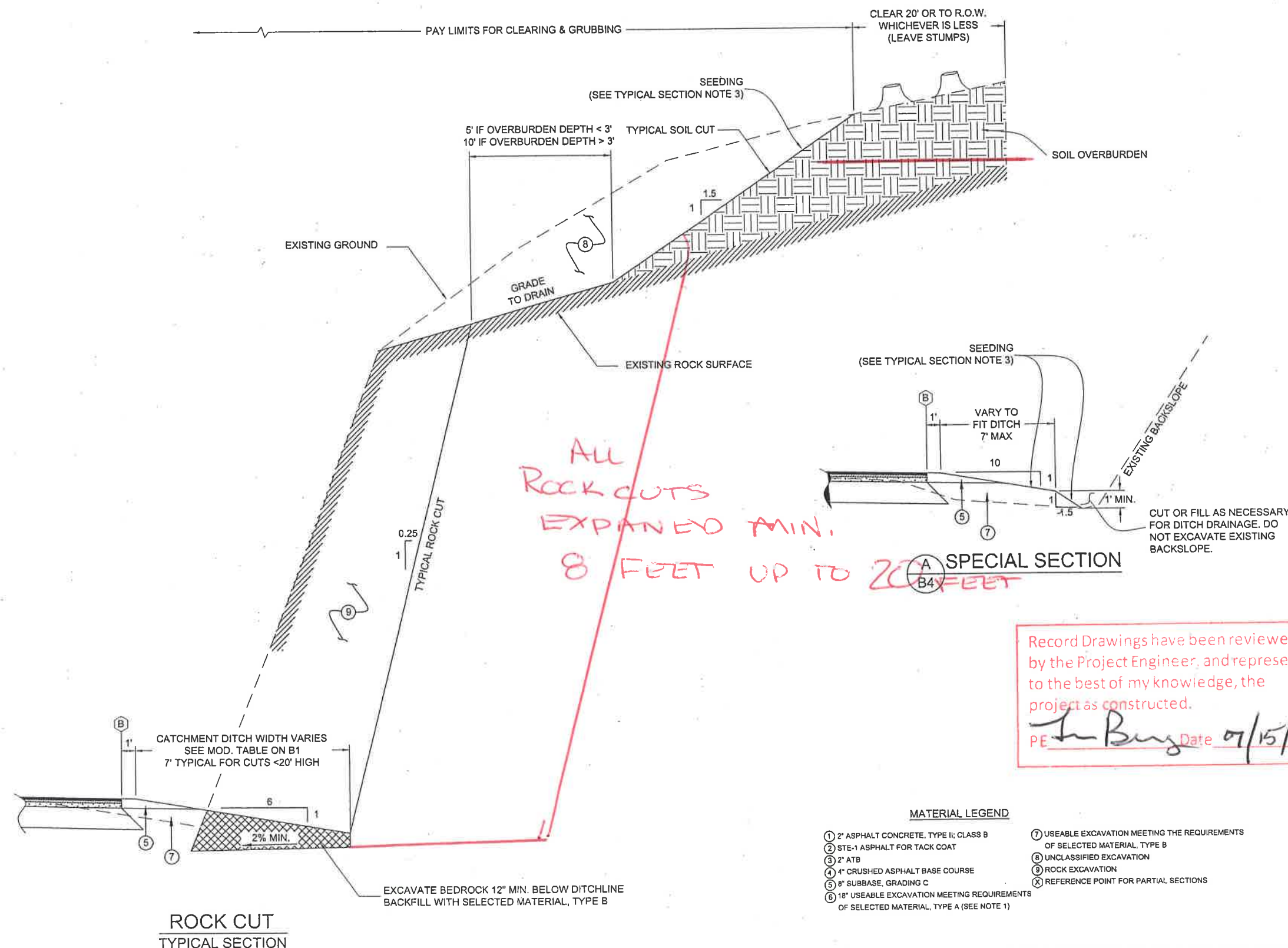
WEAVER, JON M (DOT)
TAB: B4

ADDENDUM NUMBER

ATTACHMENT NUMBER

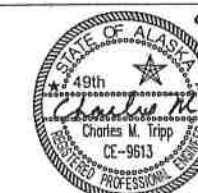
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



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CHECKED BY: C. TRIPP



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

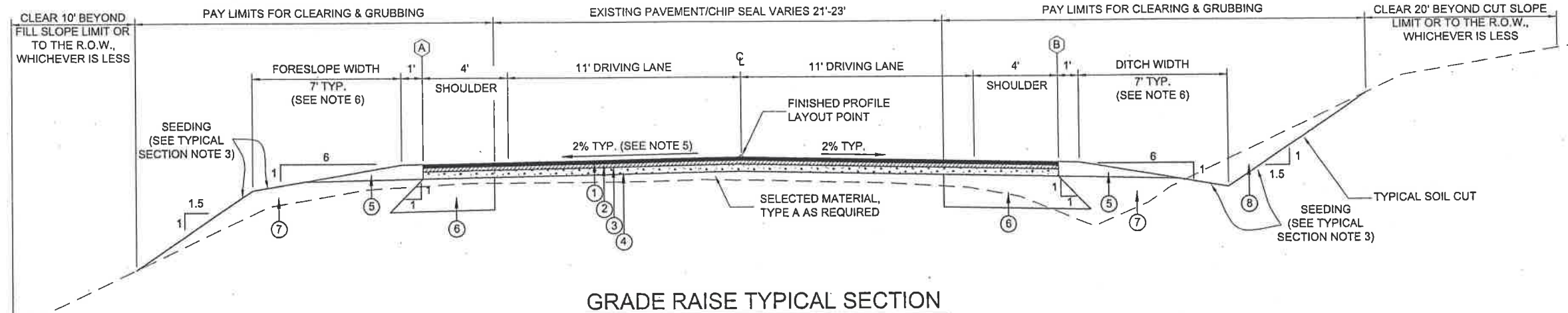
SPECIAL SECTIONS

PROJECT DESIGNATION

ACIM-093-3(28) / 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B4	73

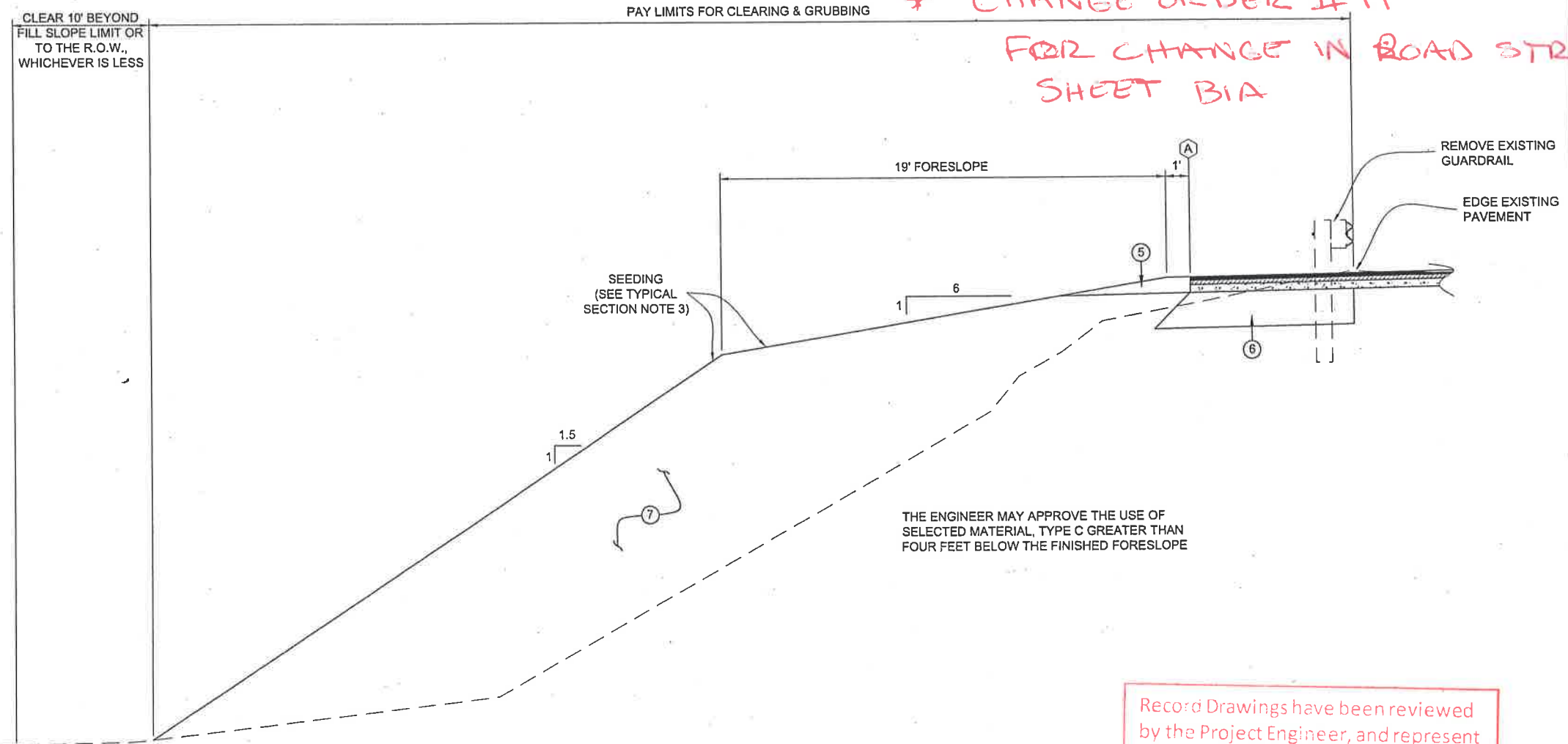
No.	DATE	DESCRIPTION



GRADE RAISE TYPICAL SECTION

* CHANGE ORDER #11

FOR CHANGE IN ROAD STRUCTURE
SHEET B1A



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
- ⓧ REFERENCE POINT FOR PARTIAL SECTIONS

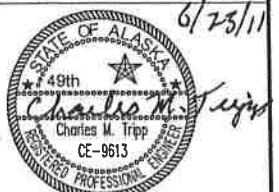
WIDENED FORESLOPE SECTION
STA 620+50 TO STA 625+00

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

PE *John Berg* Date *7/15/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP



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

WEAVER, JON M (DOT)
TAB: B6

ADDENDUM NUMBER

ATTACHMENT NUMBER

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CHECKED BY: C. TRIPP



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

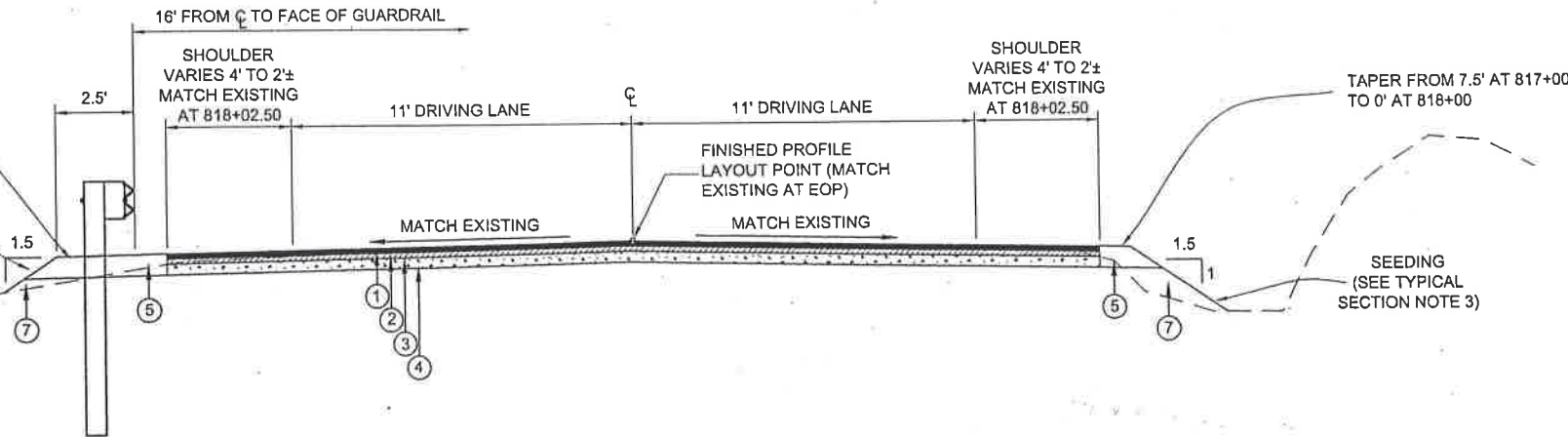
SPECIAL SECTIONS

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

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
B6	73

NOTE NO GUARDRAIL PAVING
WHERE GUARDRAIL IS PRESENT.
AFTER GUARDRAIL ENDS NEAR
818+00 1.5:1 FILL SLOPE IS FROM
EDGE OF PAVEMENT.

SEEDING
(SEE TYPICAL
SECTION NOTE 3)



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	

1. ADD WASTE / ROCK FILLS
EVERYWHERE!

WASTE FILL NOTES

- 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.
- MAINTAIN A MINIMUM 10 FEET BUFFER FROM THE TOE OF WASTE FILL TO THE RIGHT OF WAY.
- 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 ADJUT THE STREAM BUFFER.
- 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.
- 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.
- GRADE WASTE AREAS TO DRAIN AWAY FROM THE ROADWAY.
- BENCH EXISTING SLOPES AS REQUIRED TO CONSTRUCT THE TYPICAL SECTION. BENCHING FOR WASTE FILL IS NOT REQUIRED.
- TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AT WASTE SITES ARE SUBSIDIARY.
- 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.

12 MONTH LONGEVITY ROLLED
EROSION CONTROL PRODUCT,
20' WIDE CENTERED ON PIPE
SUBSIDIARY TO WASTE FILL

ADDITIONAL CULVERT TO
ACCOMMODATE WASTE
FILL IS SUBSIDIARY

SEEDING
(SEE TYPICAL
SECTION NOTE 3)

RIPRAP LINED OUTLET PER DETAIL ON SHEET J2
TO TOE OF SLOPE AT WASTE LOCATIONS.
RIPRAP AND GEOTEXTILE IS SUBSIDIARY TO
WASTE FILL UNLESS CULVERT IS LISTED IN THE
RIPRAP LINED OUTLET SUMMARY ON SHEET D1.

WASTE FILL (SEE NOTES)

ADDITIONAL CLEARING
TO ACCOMMODATE
WASTE FILL IS
SUBSIDIARY

CLEAR 10' BEYOND
FILL SLOPE LIMIT OR
TO THE R.O.W.,
WHICHEVER IS LESS

PAY LIMITS FOR CLEARING & GRUBBING

FORESLOPE WIDTH
7' TYP.

1' 6"

1' 6"

1' 6"

1' 6"

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WASTE FILL TYPICAL SECTION

MATERIAL LEGEND

- | | |
|---|--|
| ① 2" ASPHALT CONCRETE, TYPE II; CLASS B | ⑦ USEABLE EXCAVATION MEETING THE REQUIREMENTS OF SELECTED MATERIAL, TYPE B |
| ② STE-1 ASPHALT FOR TACK COAT | ⑧ UNCLASSIFIED EXCAVATION |
| ③ 2" ATB | ⑨ ROCK EXCAVATION |
| ④ 4" CRUSHED ASPHALT BASE COURSE | ⑩ REFERENCE POINT FOR PARTIAL SECTIONS |
| ⑤ 8" SUBBASE, GRADING C | |
| ⑥ 18" USEABLE EXCAVATION MEETING REQUIREMENTS OF SELECTED MATERIAL, TYPE A (SEE NOTE 1) | |

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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	8,155
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	23
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 (1)	SUBBASE, GRADING	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 OABC	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	20
603 (1-24)	24 INCH CSP	LINEAR FOOT	291
603 (9-60)	60 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	158
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	2,004
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	14,042
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	14,042
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	18
611 (1-1)	RIPRAP, CLASS 1	CUBIC YARD	2
615 (1)	STANDARD SIGN	SQUARE FOOT	91.5
615 (5)	DELINEATOR, FLEXIBLE	EACH	24
615 (6)	SALVAGE SIGN	EACH	28
618 (2)	SEEDING	POUND	355
619 (3)	BONDED FIBER MATRIX (BFM)	POUND	18,000
620 (1)	TOPSOIL	SQUARE YARD	4,458
630 (2)	GEOTEXTILE, STABILIZATION	SQUARE YARD	6,030
633 (1)	SILT FENCE	LINEAR FOOT	410
633 (2)	SEDIMENT BARRIER	LINEAR FOOT	4,650
637 (1)	ROCK CHECK DAM	EACH	157
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	HOURL	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	246.7
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 Conforming 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 J. Berge Date 7/15/17

PATH:Q:\JN\U67526\PLANSET\C3D
PLANSET\67526 C1 ESTIMATE.DWG

WEAVER, JON M (DOT)
TAB: C1

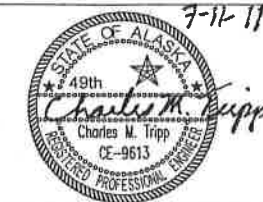
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



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	4881 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"	56	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-168	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+38.8	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	68.1	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	36.7 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

ADDED 18" CMP ADJACENT

RIPRAP LINED OUTLET SUMMARY		
PIPE	LENGTH	APPROXIMATE VOLUME
P-168	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-196	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 *[Signature]* Date 7/15/17

PATH:Q:\UNU\67526\PLANSETC3D
PLANSET\67526 D1-D2 SUMMARIES.DWG

WEAVER, JON M (DOT)
TAB: D1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
-----	------	-------------

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

MISCELLANEOUS
SUMMARIES

<

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.**

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 DELINEATORS ARE LOCATED ALONG THE PROJECT ROADSIDE. NO QUANTITY ESTIMATES HAVE BEEN MADE ON THESE SMALLER ITEMS.		

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.

PATH:Q:\JUNI67526\PLANSET\IC3D
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



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

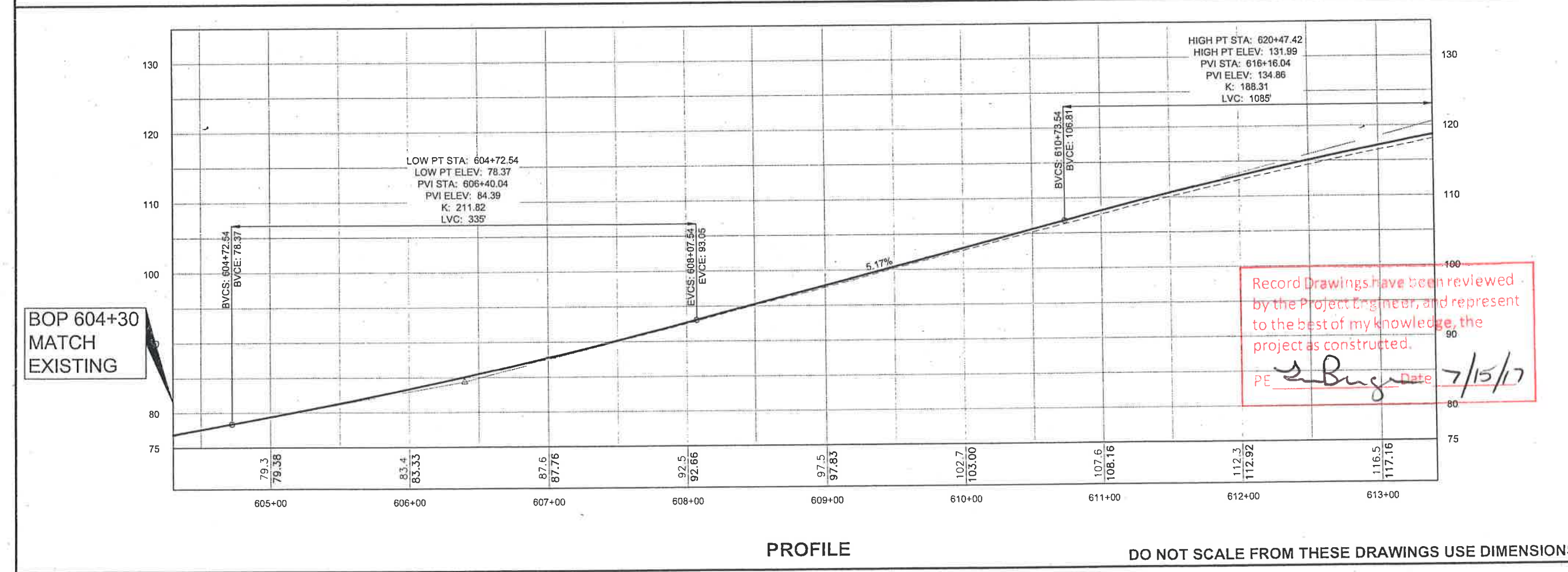
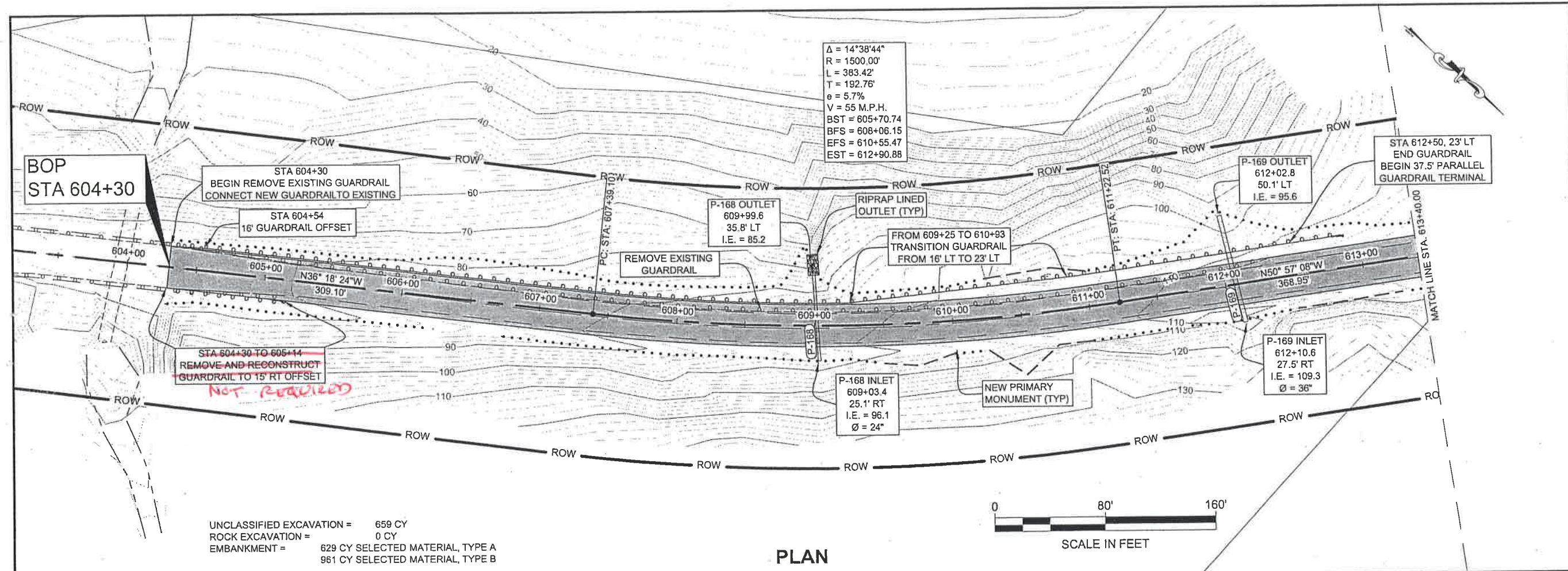
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D2	73

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

PE Tim Buge Date 7/15/12



PATH: Q:\JUNI67526\PLANSET\3D
 PLANSET\67526 F1-F25
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 WEAVER, JON M (DOT)
 TAB: F1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

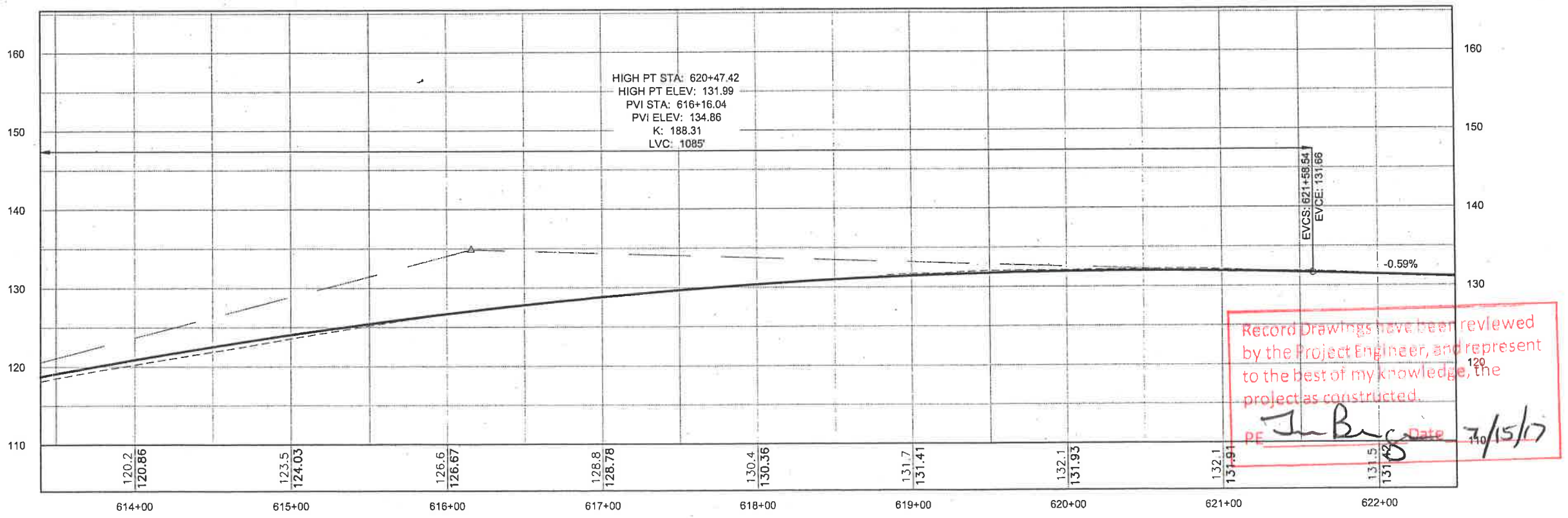
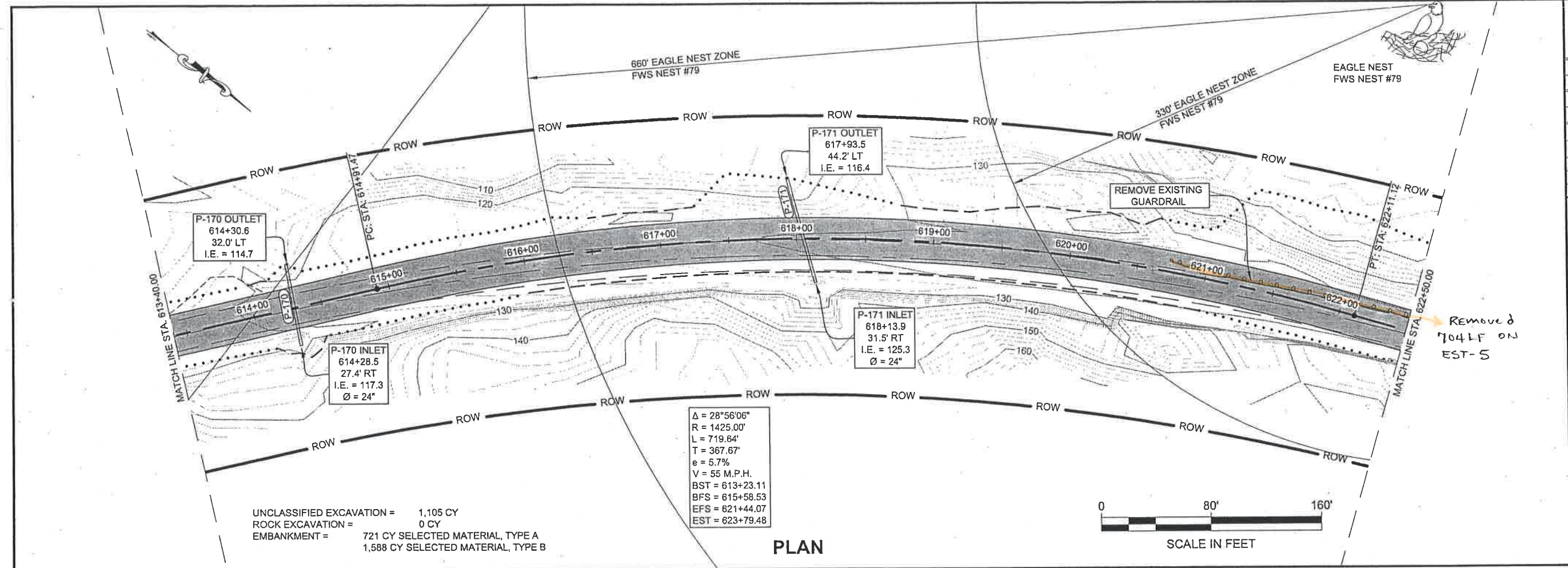
GLACIER HIGHWAY
 NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
 PROJECT #67526

PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F1	73



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

PE *J. Weaver* Date *7/15/17*

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WEAVER, JON M (DOT)
TAB: F2

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

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

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

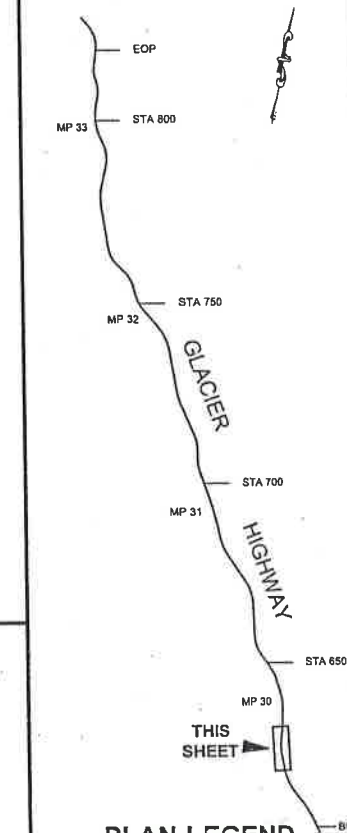
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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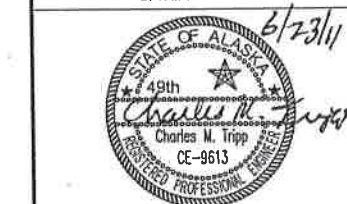
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

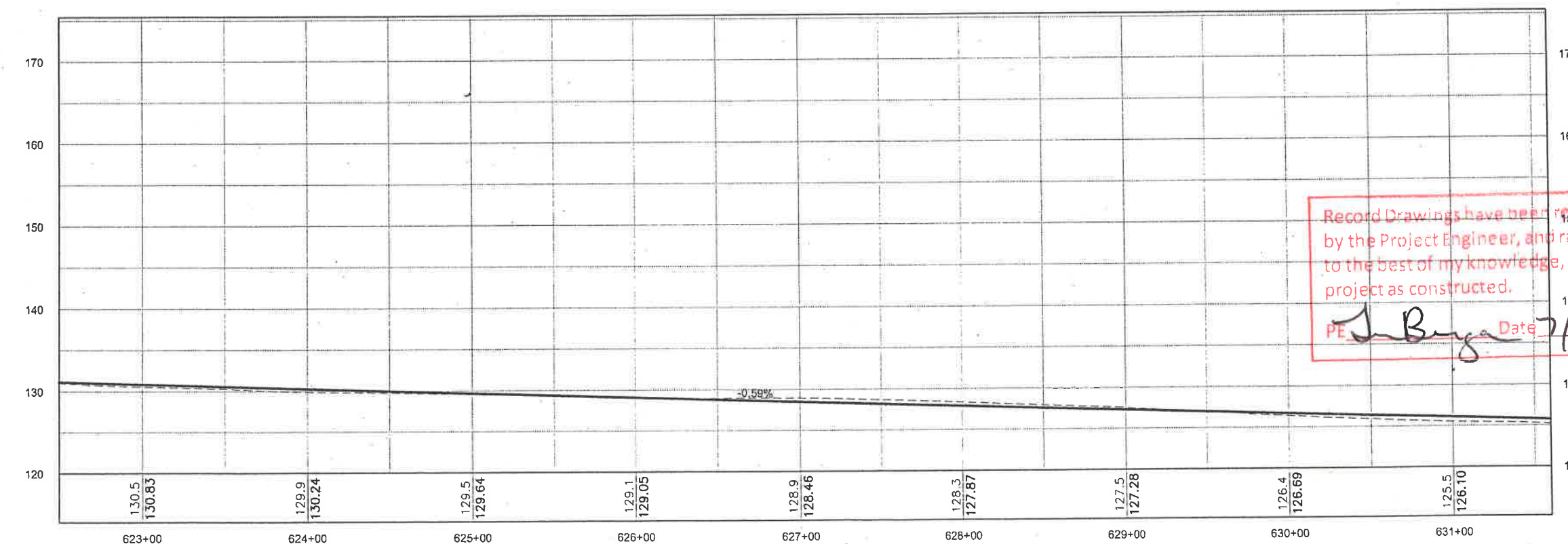
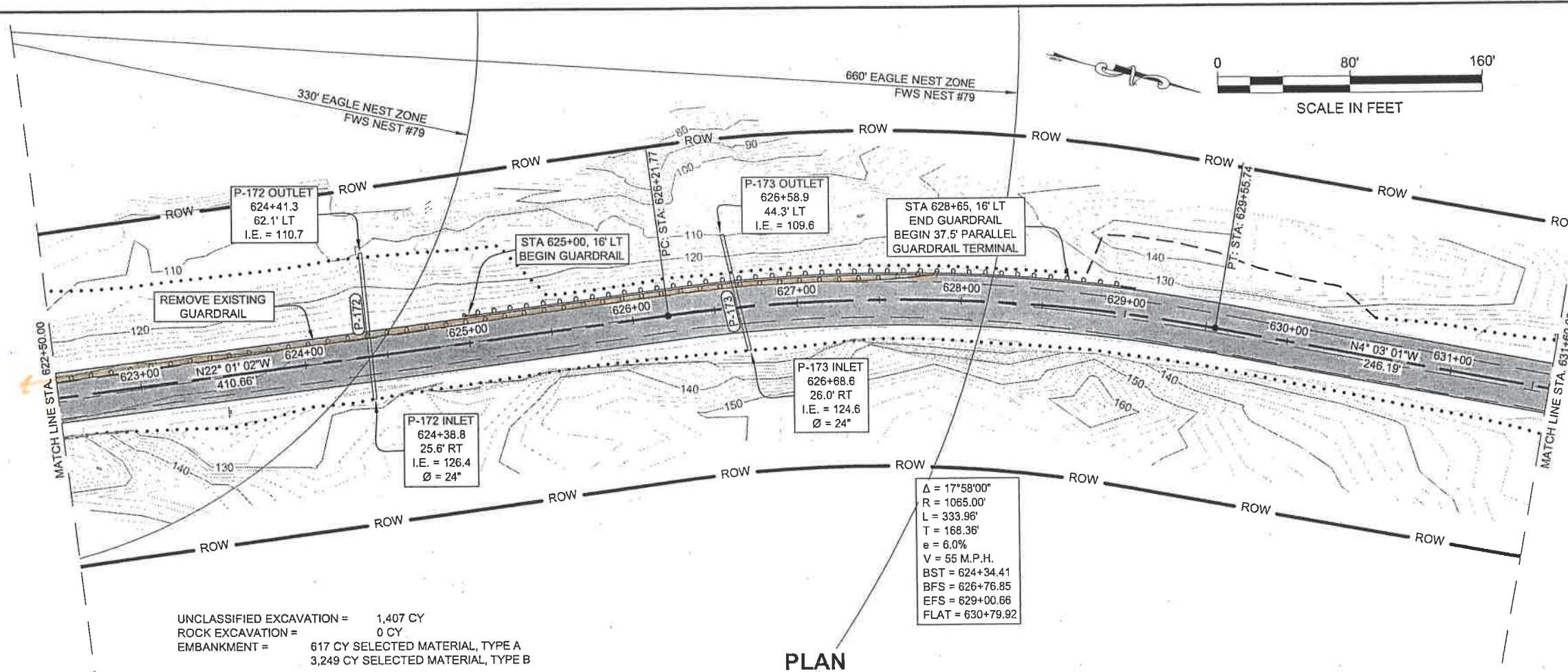
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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

PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F3	73



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 WEAVER, JON M (DOT)
 TAB: F4

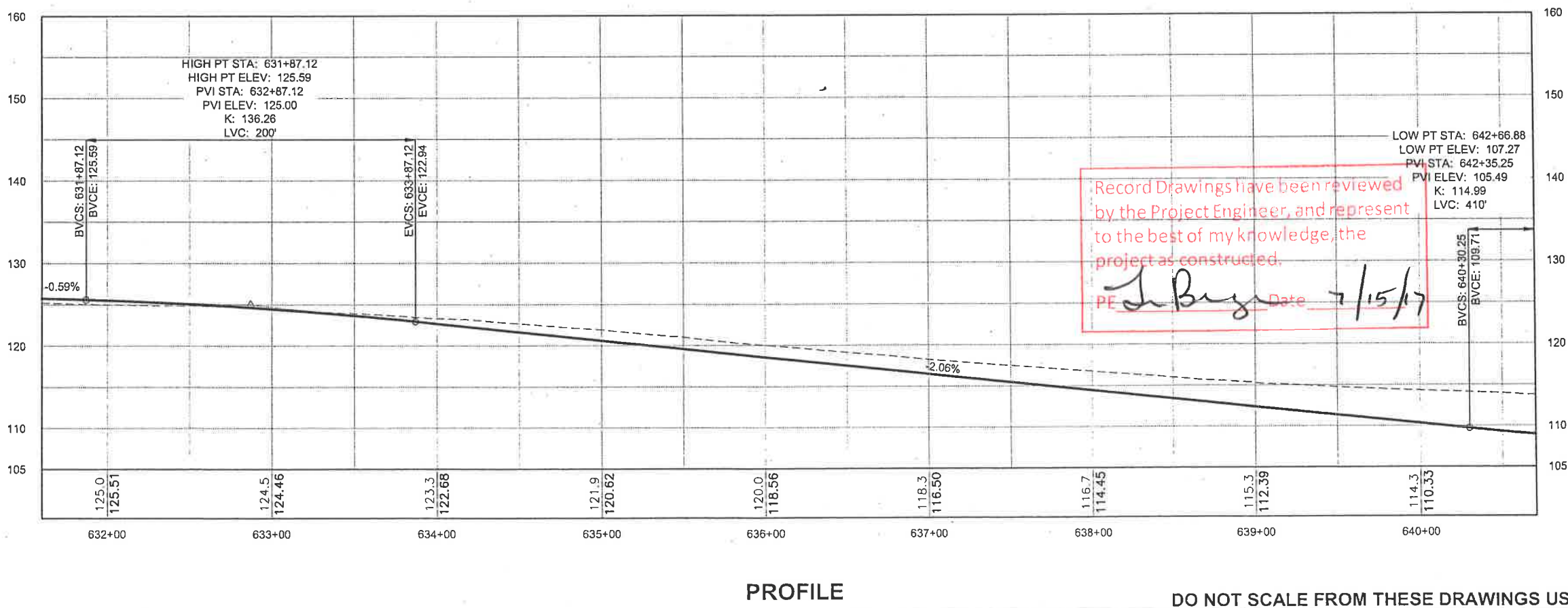
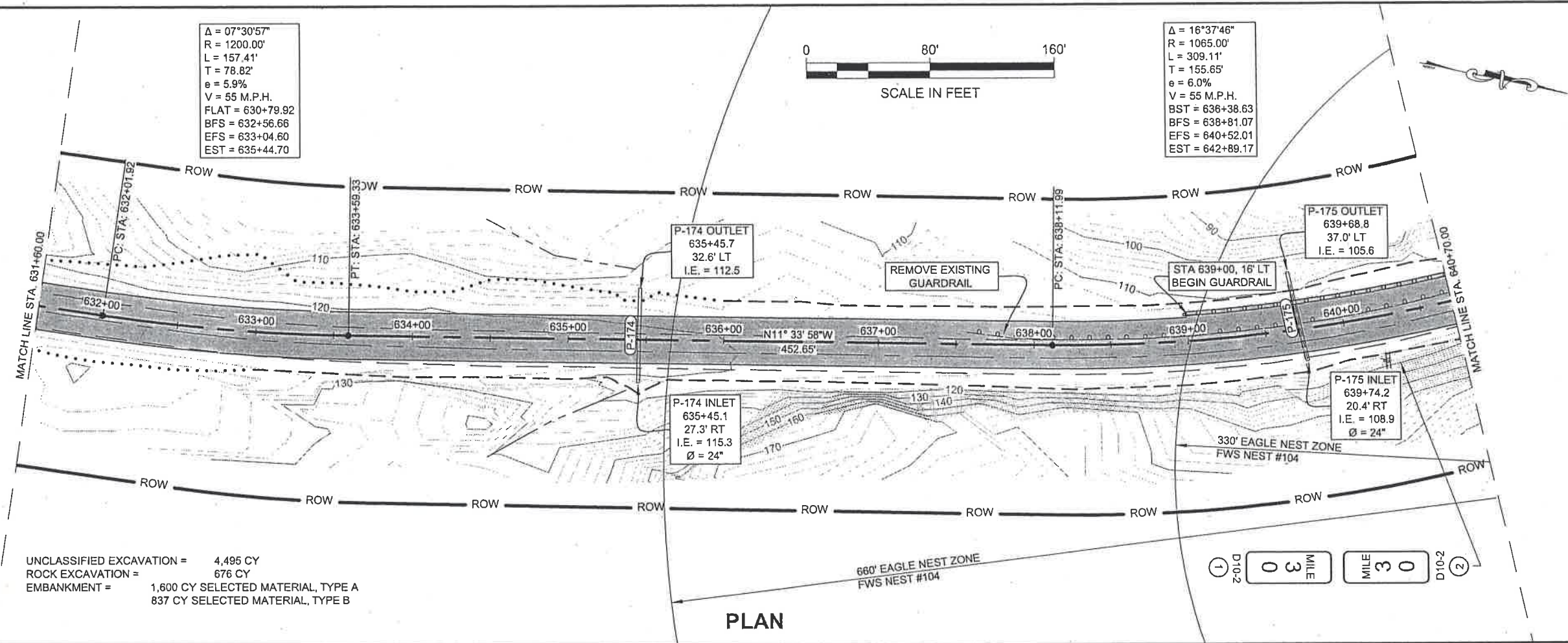
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

PLAN LEGEND
 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	2011
SHEET NUMBER	TOTAL SHEETS
F4	73

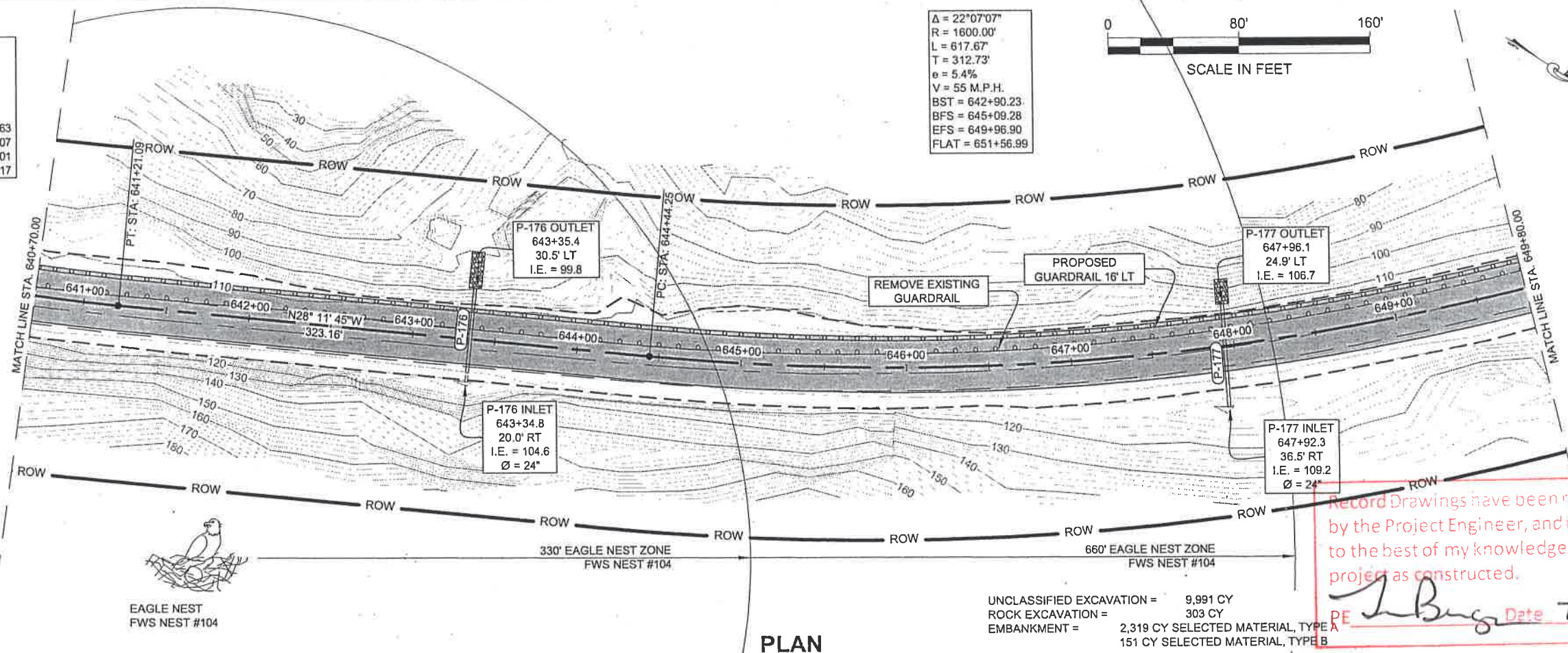


DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Δ = 16°37'46"
 R = 1065.00'
 L = 309.11'
 T = 155.65'
 e = 6.0%
 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

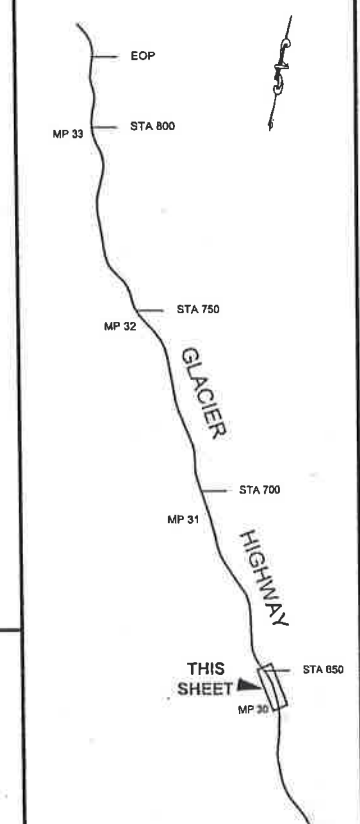
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *L. Buge* Date 7/15/17

EAGLE NEST
 FWS NEST #104

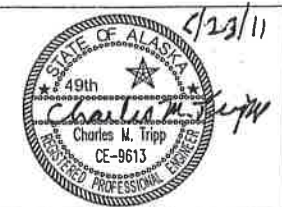
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 PLAN&PROFILE.DWG
 WEAVER, JON M (DOT)
 TAB: F5

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP



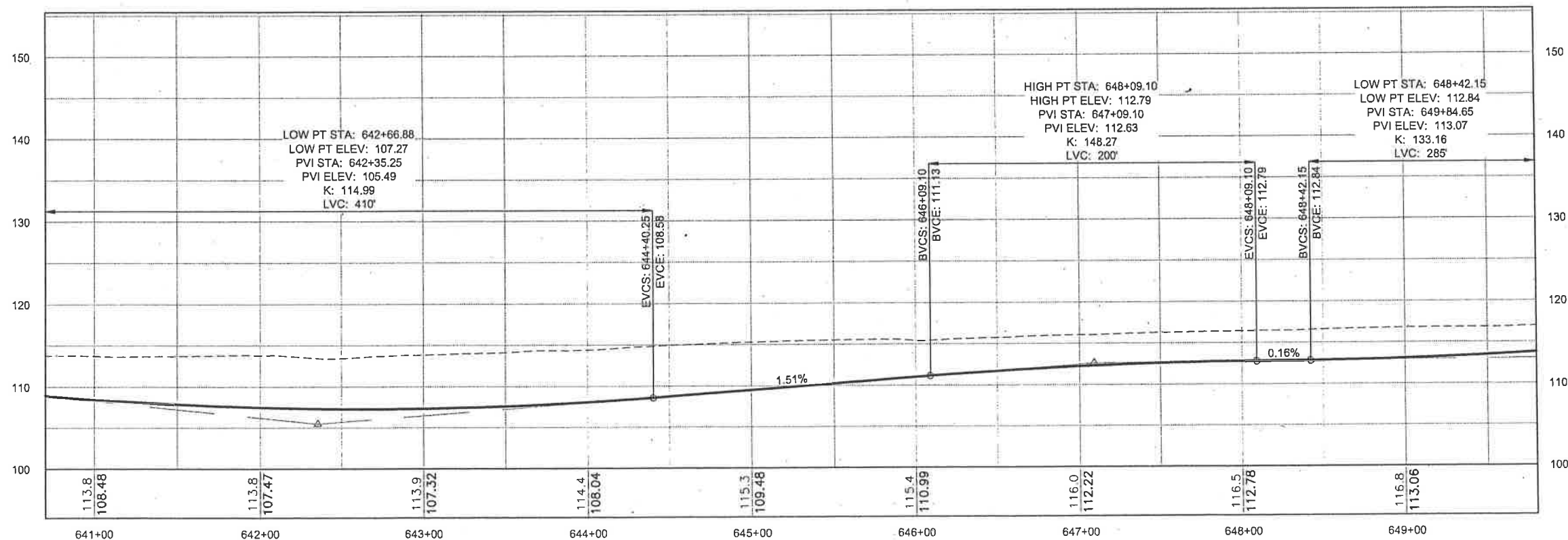
DESIGNED BY: J. WEAVER

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	2011
SHEET NUMBER	TOTAL SHEETS
F5	73



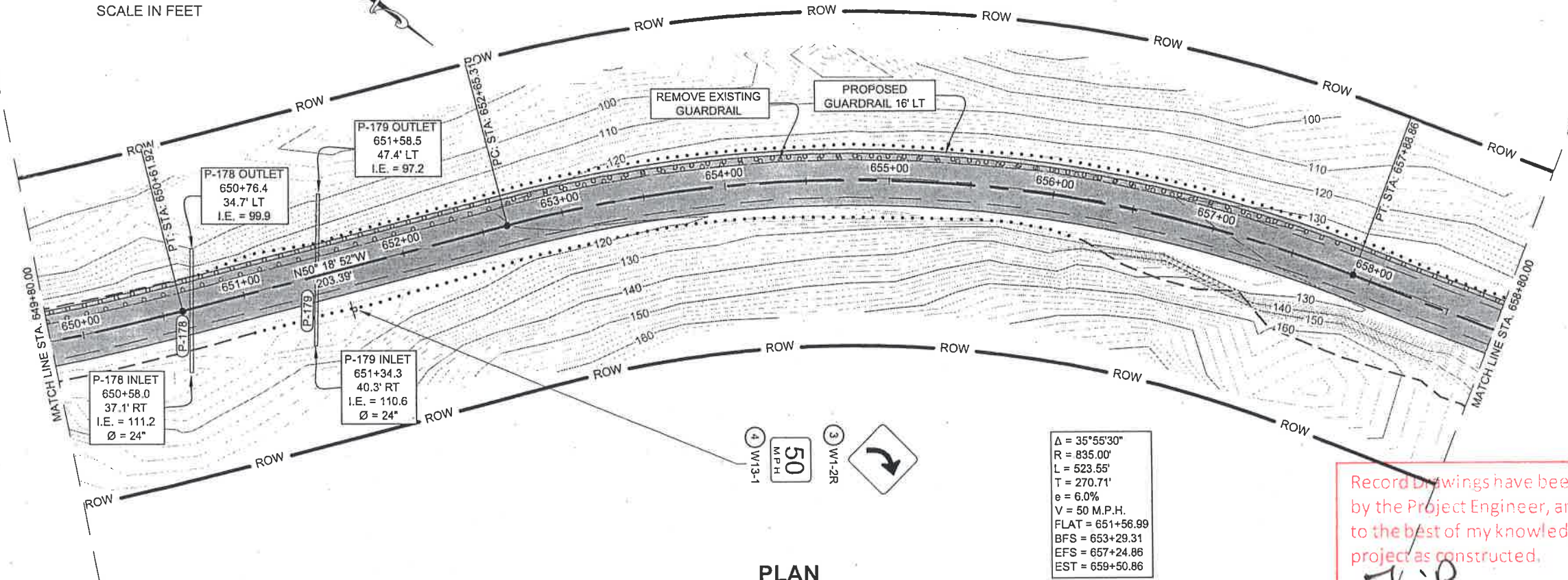
PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



$\Delta = 22^\circ 07' 07''$
 $R = 1600.00'$
 $L = 617.67'$
 $T = 312.73'$
 $e = 5.4\%$
 $V = 55 \text{ M.P.H.}$
 $BST = 642+90.23$
 $BFS = 645+09.28$
 $EFS = 649+96.90$
 $FLAT = 651+56.99$

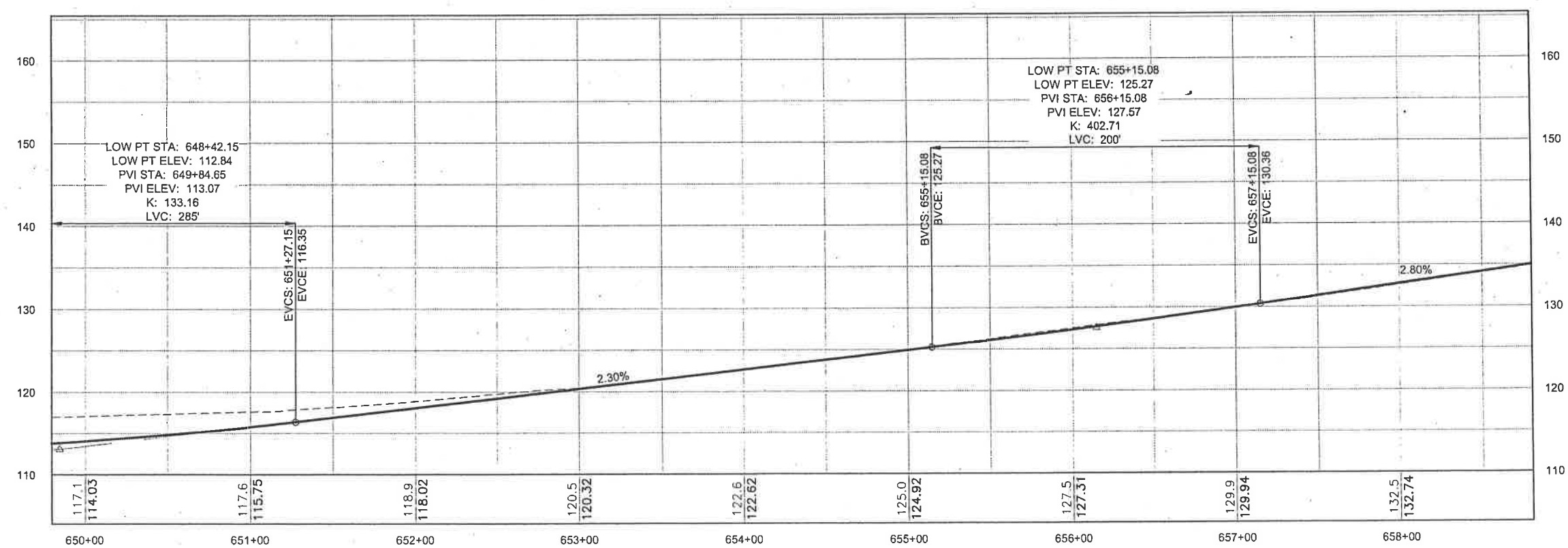
UNCLASSIFIED EXCAVATION = 2,411 CY
ROCK EXCAVATION = 1,649 CY
EMBANKMENT = 1,188 CY SELECTED MATERIAL, TYPE A
264 CY SELECTED MATERIAL, TYPE B



PLAN

$\Delta = 35^\circ 55' 30''$
 $R = 835.00'$
 $L = 523.55'$
 $T = 270.71'$
 $e = 6.0\%$
 $V = 50 \text{ M.P.H.}$
 $FLAT = 651+56.99$
 $BFS = 653+29.31$
 $EFS = 657+24.86$
 $EST = 659+50.86$

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



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUNI67526\PLANSET\IC3D
PLANSET67526 F1-F25
PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
-----	------	-------------

EOP

MP 33

STA 800

MP 32

STA 750

MP 31

STA 700

MP 30

GLACIER HIGHWAY

THIS SHEET

STA 650

BOP

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

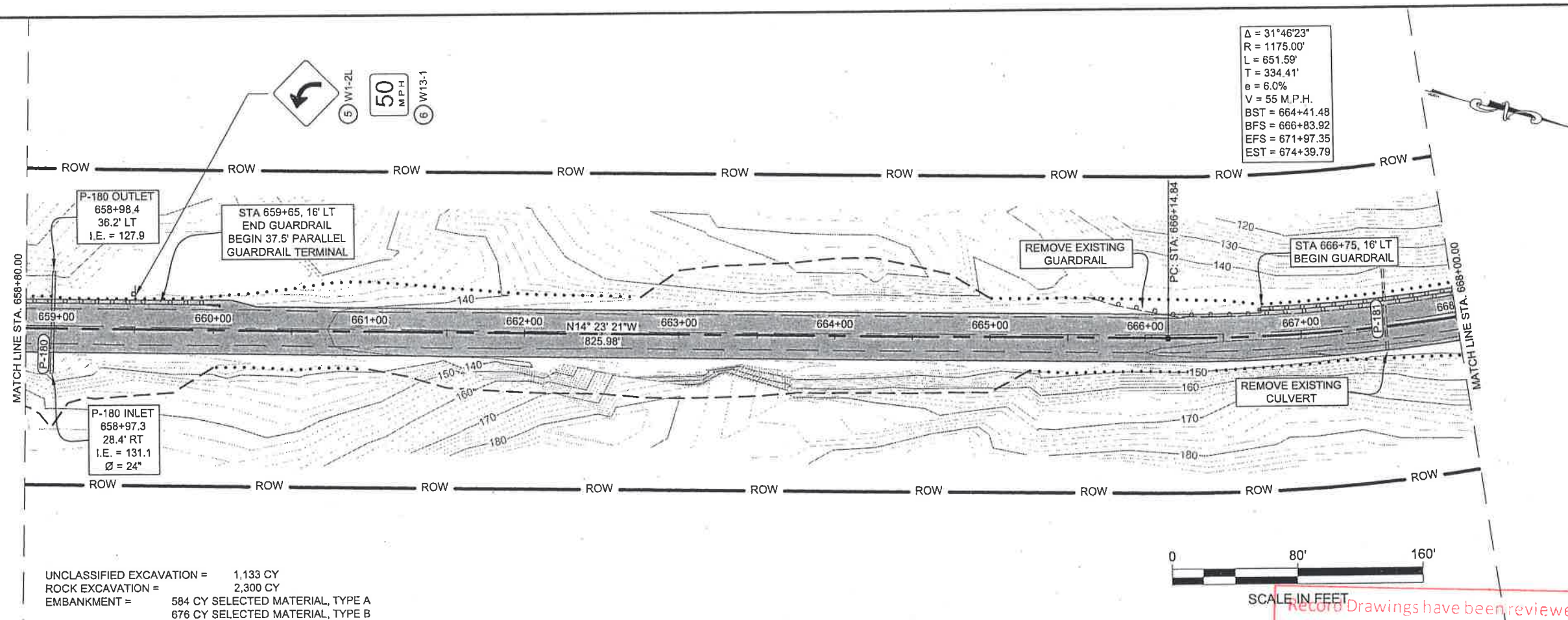
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

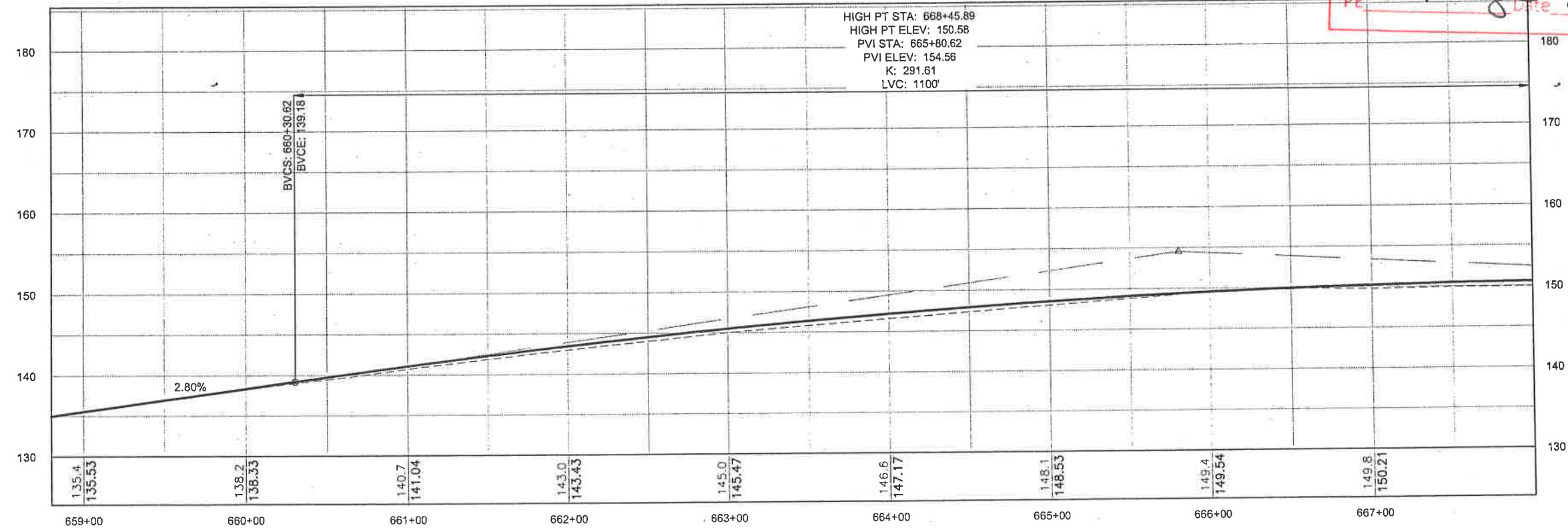
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F6	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.
J. Burger Date 7/15/17
 PE

PATH: Q:\JUN16\7526\PLANSET\3D
 PLANSET\7526 F1-F25
 PLAN&PROFILE.DWG
 WEAVER, JON M (DOT)
 TAB: F7

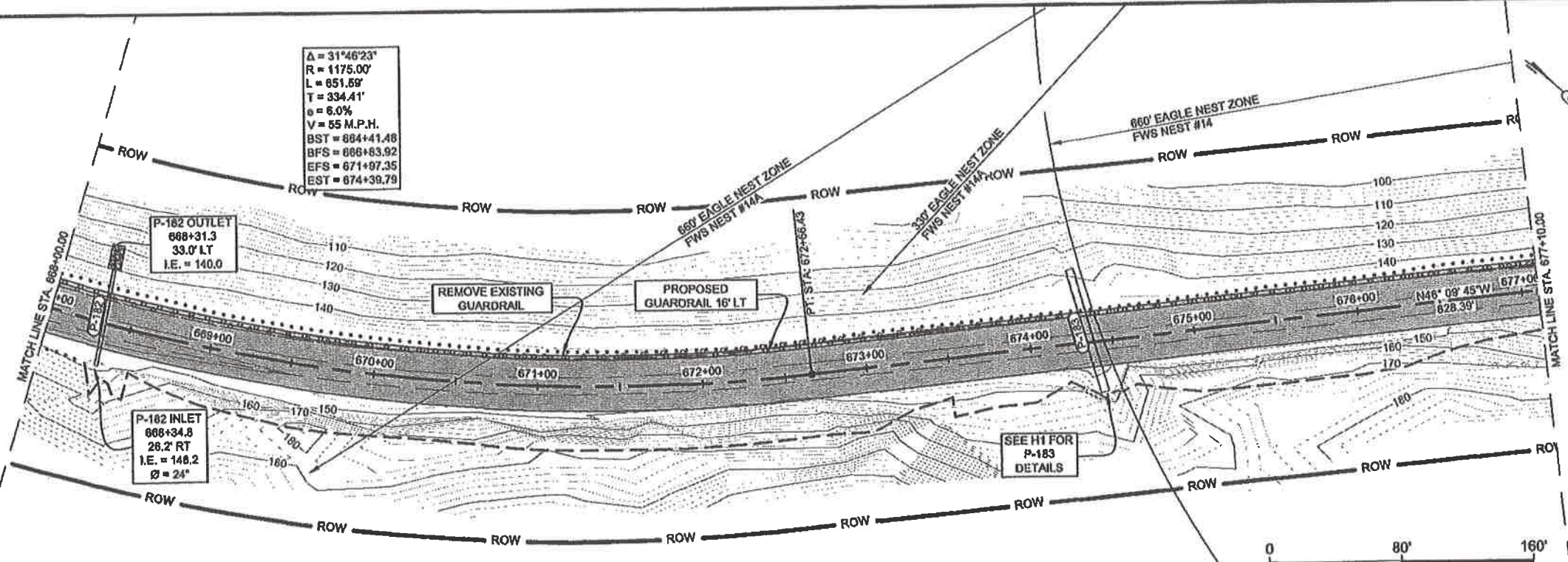
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

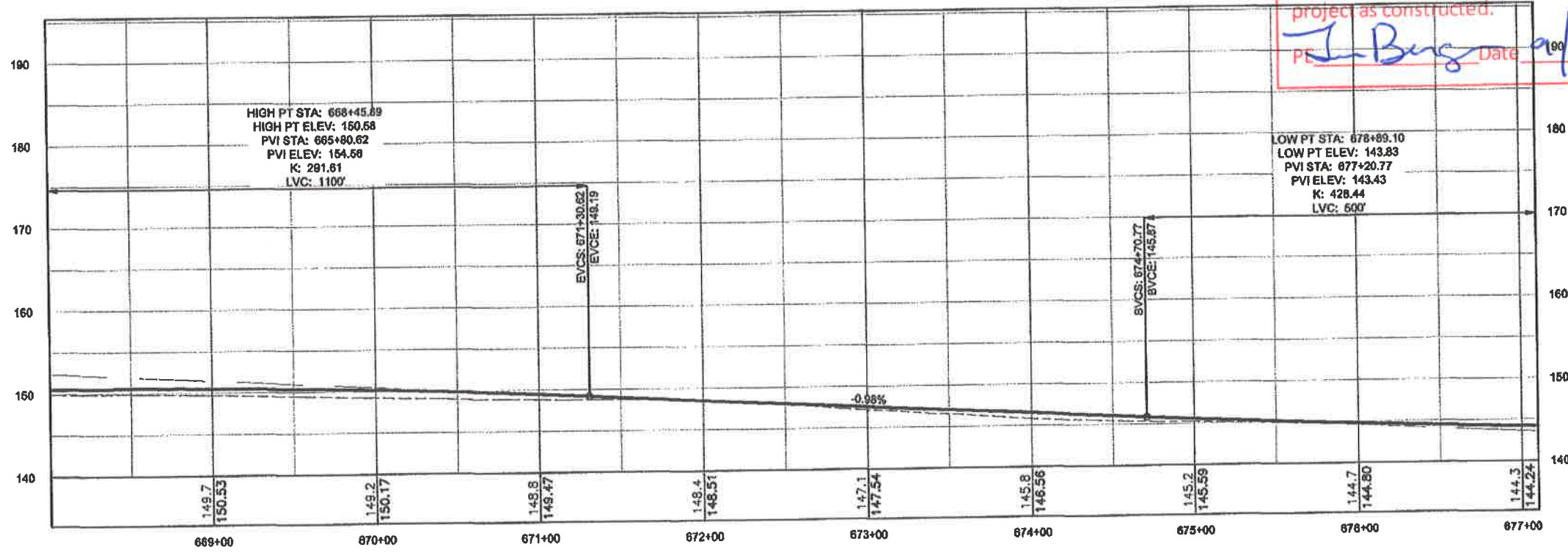
 DESIGNED BY: J. WEAVER
 DRAWN BY: J. WEAVER
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
 GLACIER HIGHWAY
 NORTH EAGLE BEACH KAYAK
 LAUNCH TO BESSIE CREEK
 PROJECT #67526

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



UNCLASSIFIED EXCAVATION = 704 CY
 ROCK EXCAVATION = 5,878 CY
 EMBANKMENT = 851 CY SELECTED MATERIAL, TYPE A
 854 CY SELECTED MATERIAL, TYPE B

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.
J. Burger Date 9/17/17

PATH: J:\JUN17\26\ENDDOC\CONSTRUCTION\DESIGN
 267526 F8-F12 PLAN&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 694

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

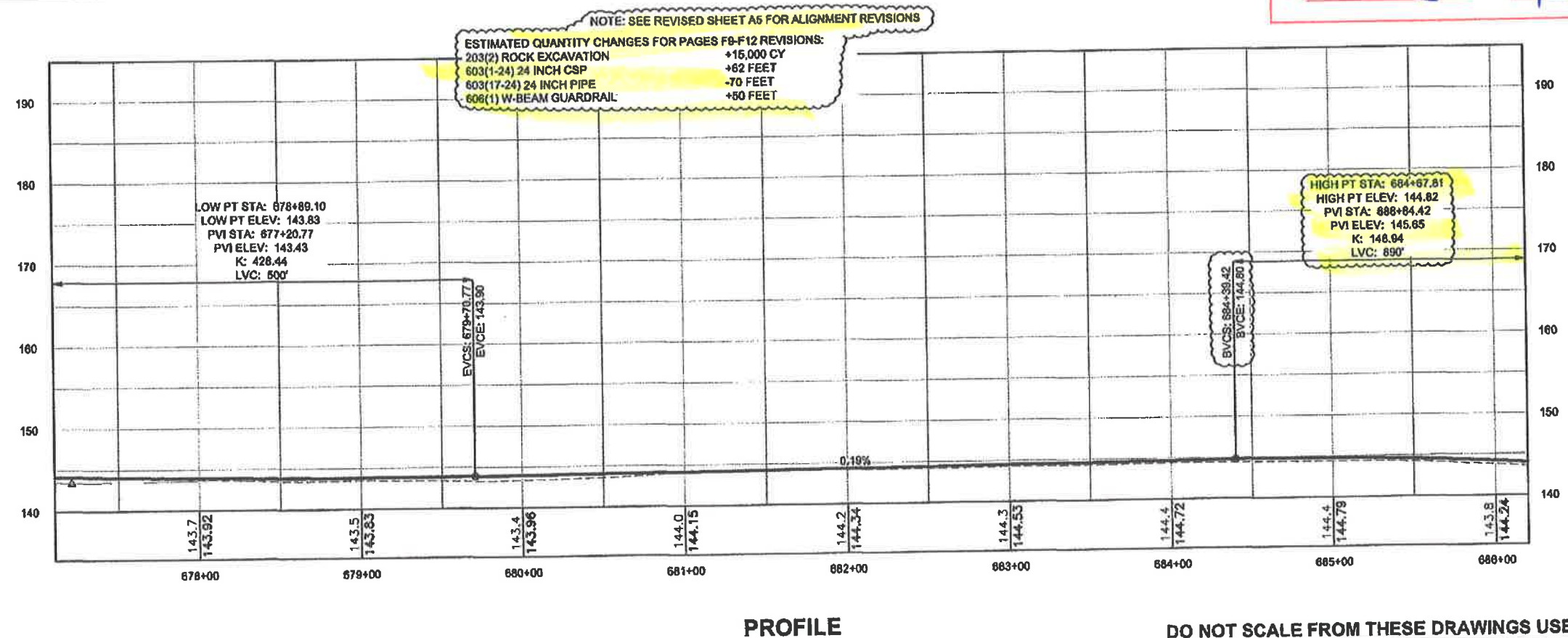
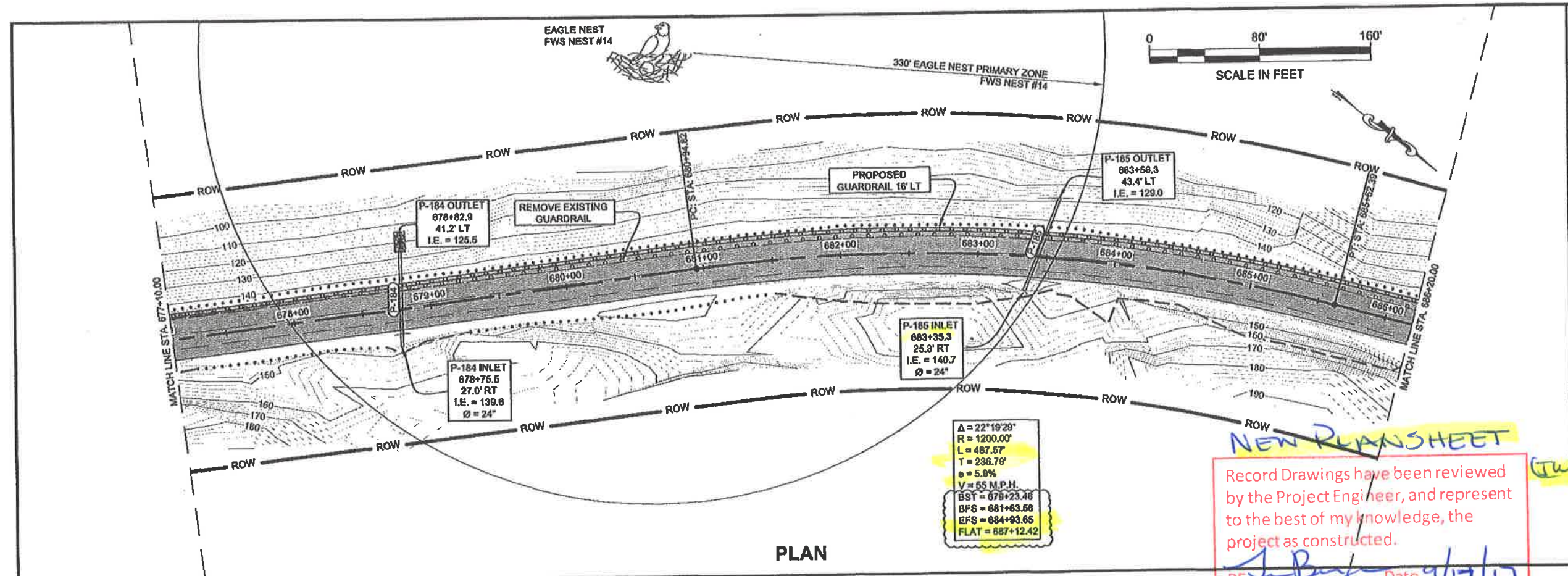
GLACIER HIGHWAY
 NORTH EAGLE BEACH KAYAK
 LAUNCH TO BESSIE CREEK
 PROJECT #67526

PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F8	73



PATH: Q:\JUN07\626\END\DOC\CONSTRUCTION\DESIGN\267526 F8-F12 PLAN&PROFILE.DWG

TRIPP, CHARLES M (DOT)
TAB: F9

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

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

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

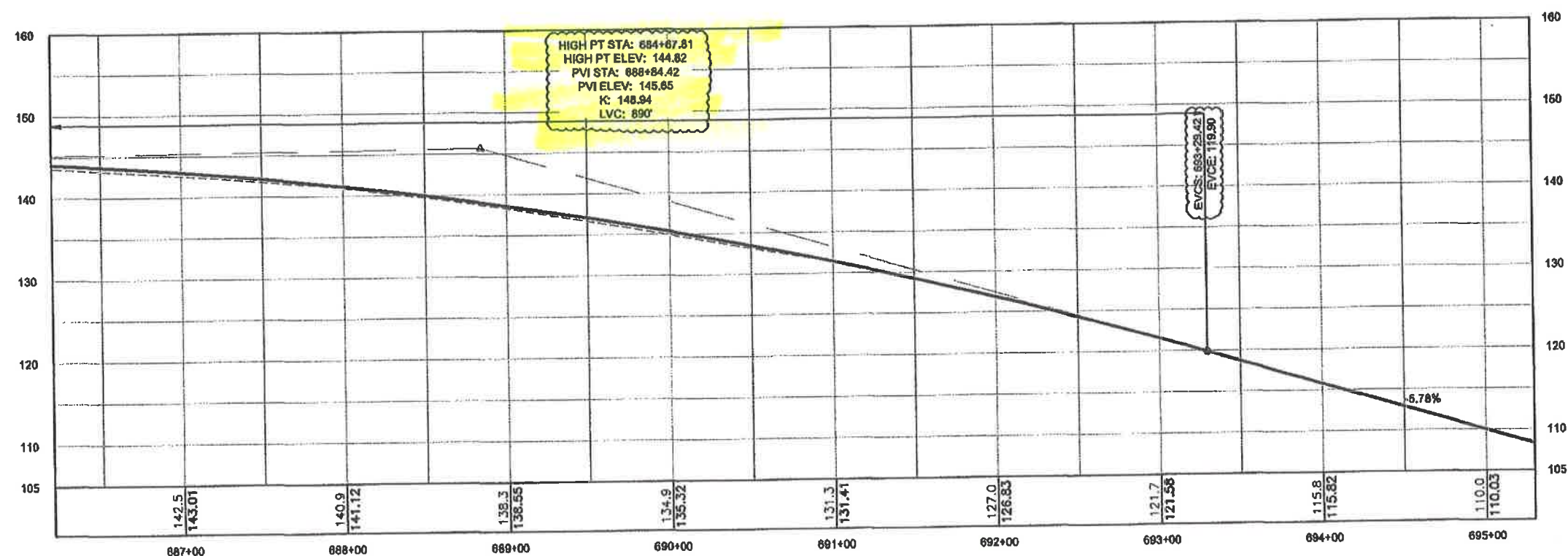
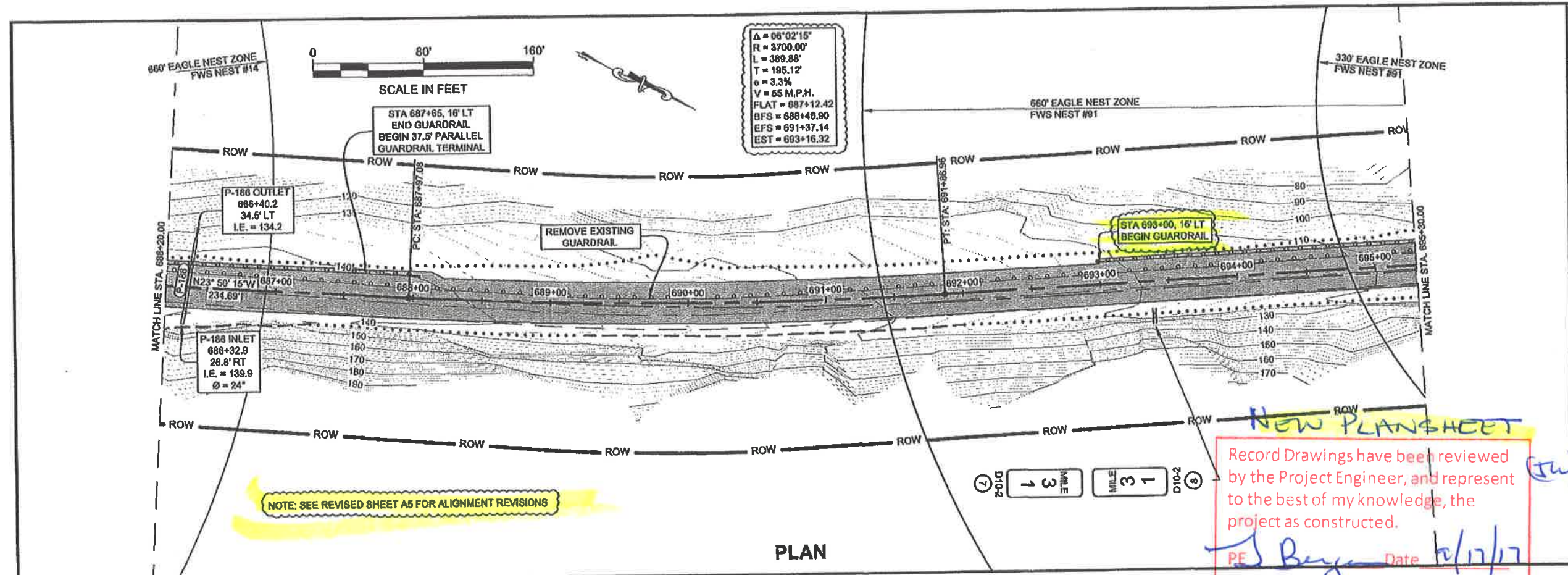
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F9	73



PATH: \\UNM67526\ENDOC\CONSTRUCTION\REGION 2\87526 F3-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

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 #87526

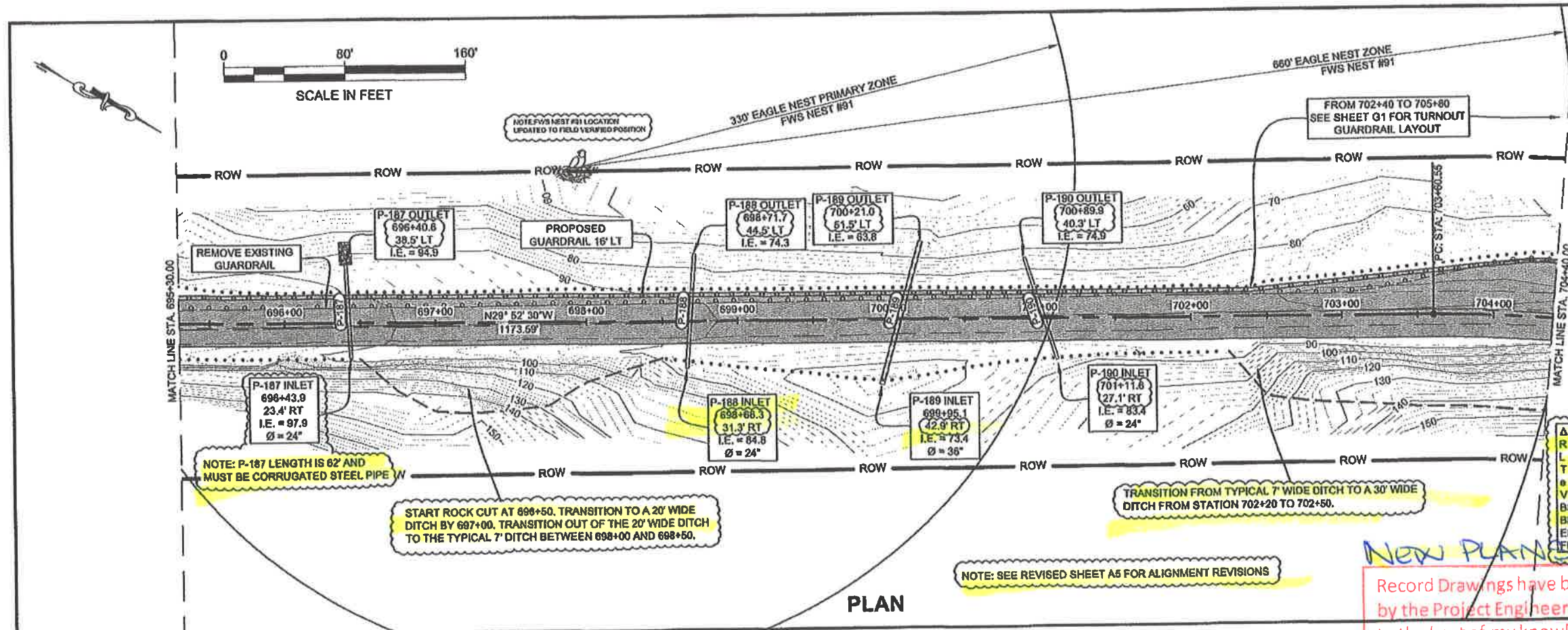
PLAN & PROFILE

PROJECT DESIGNATION

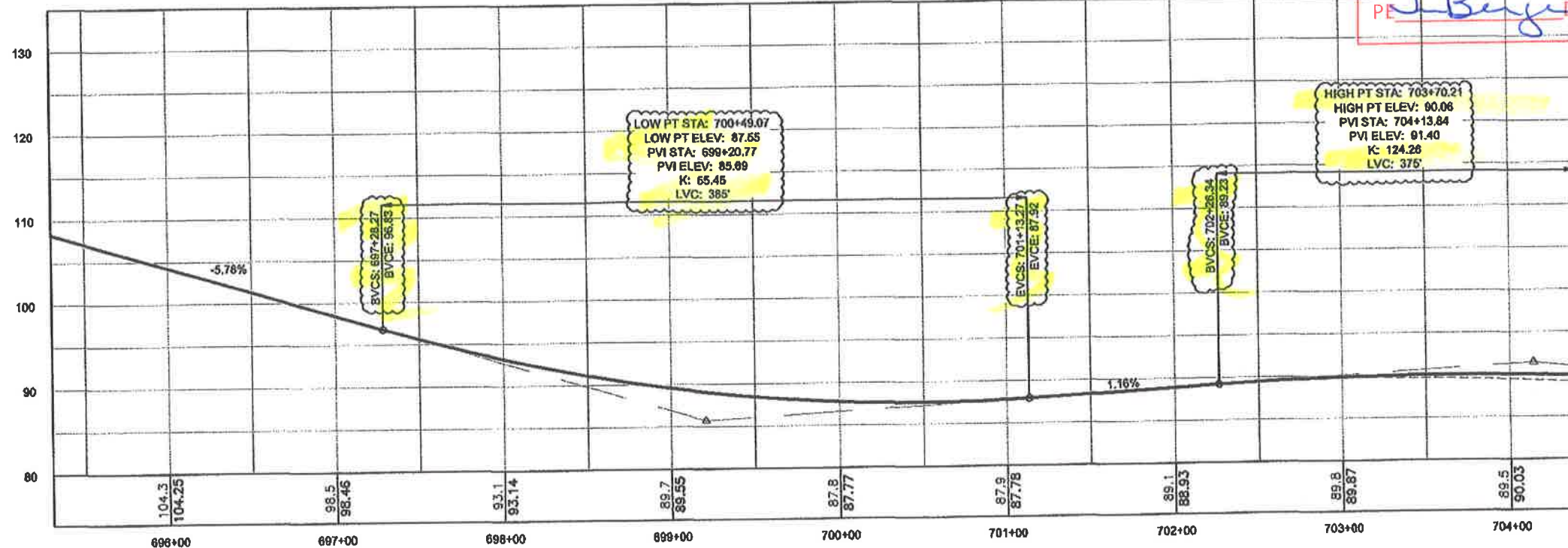
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F10	73



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN07\2008\CONSTRUCTION\REVISION 207526 F11 F12 PLAN&PROFILE.DWG

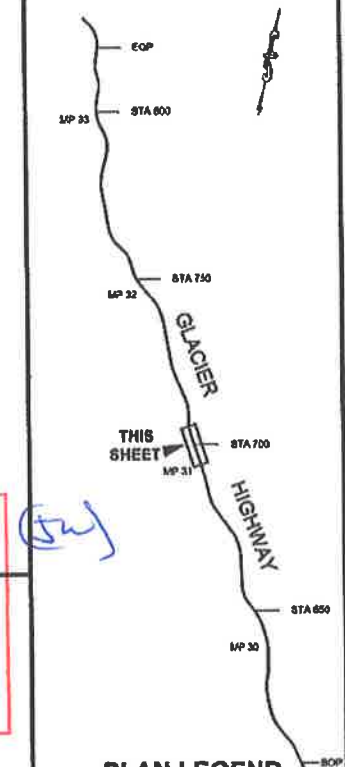
TRIPP, CHARLES M (DOT)
TAB: F11

ADDENDUM NUMBER

ATTACHMENT NUMBER

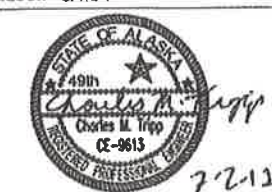
RECORD OF REVISIONS

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



PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

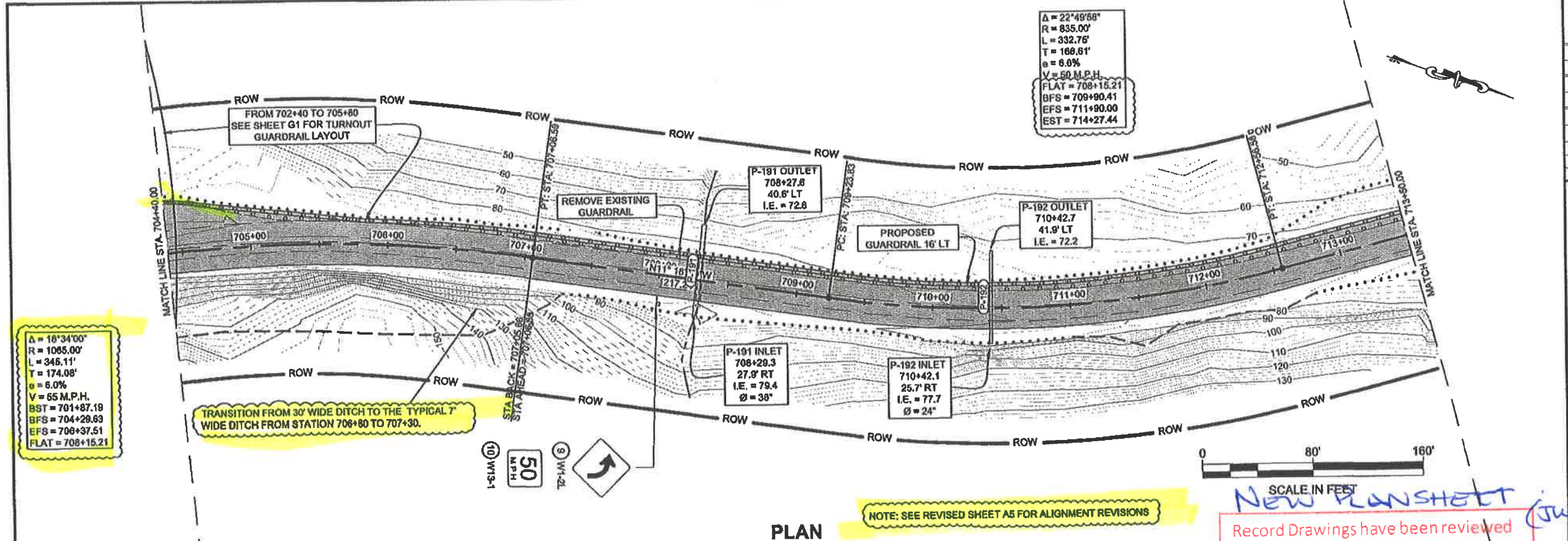
DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

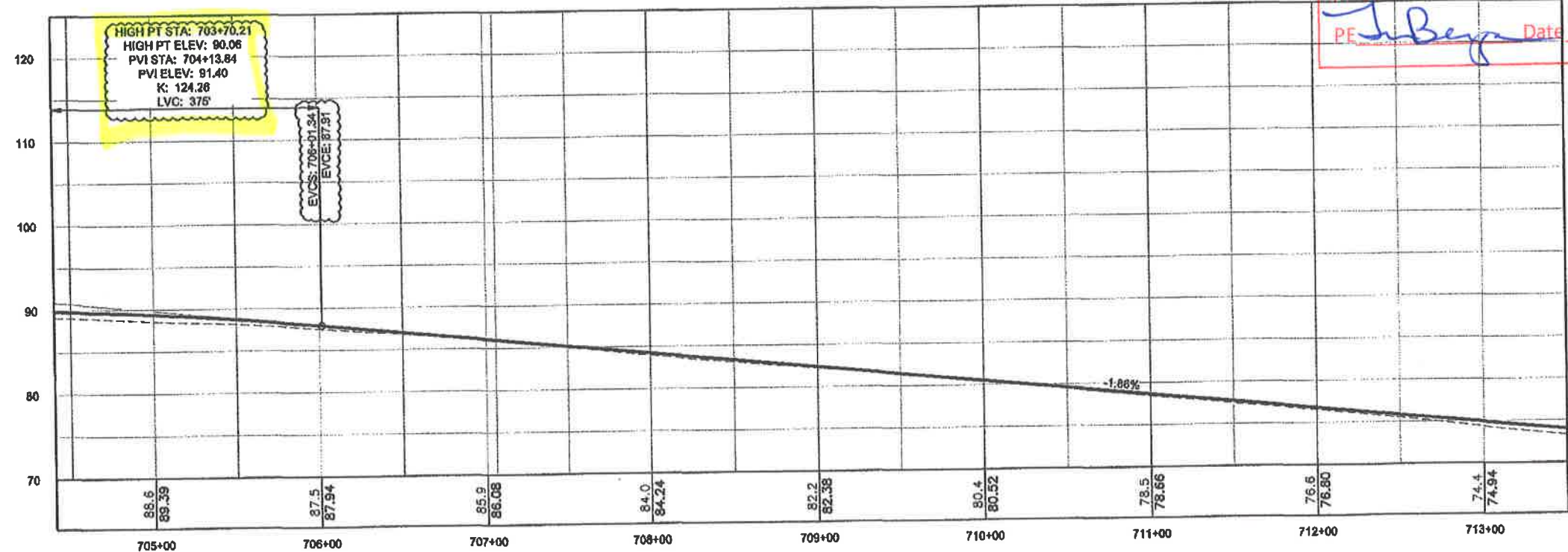
PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F11	73



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN17\26\ENDOC\CONSTRUCTION\REVISION 267526 FB-F12 PLAN&PROFILE.DWG

TRIPP, CHARLES M (DOT)
TAB: F12

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	5/15/12	REALIGN TO AVOID TALUS FOUND AT STA 694

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

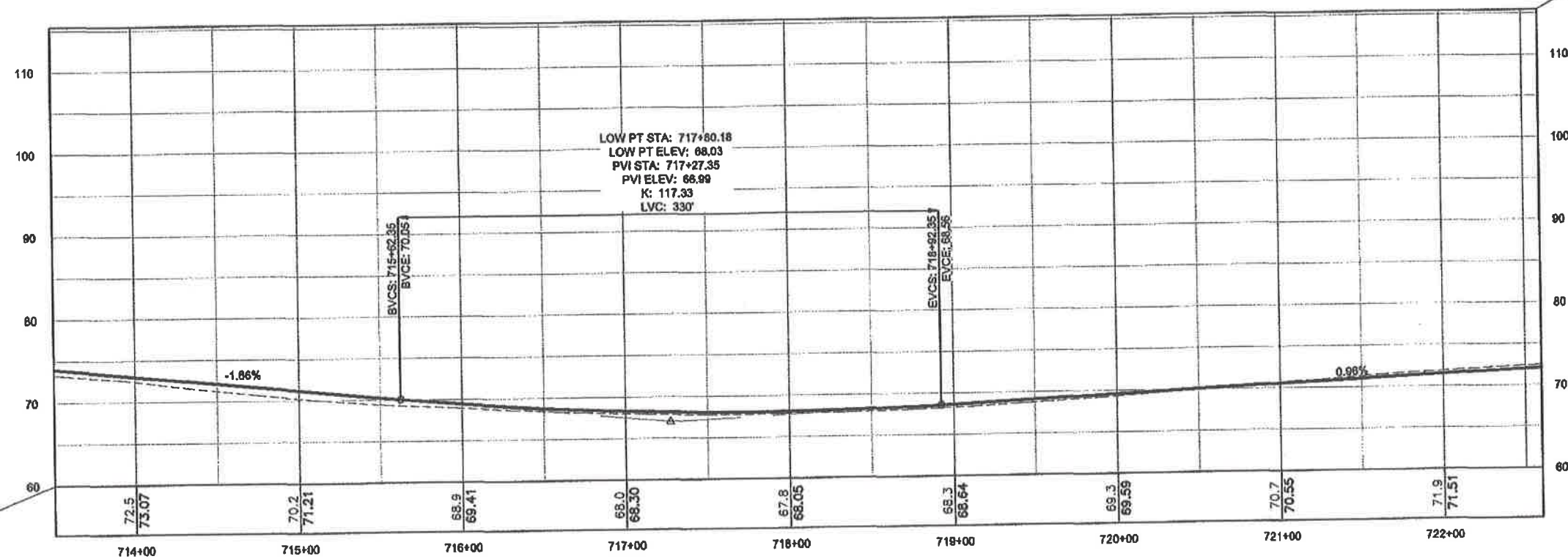
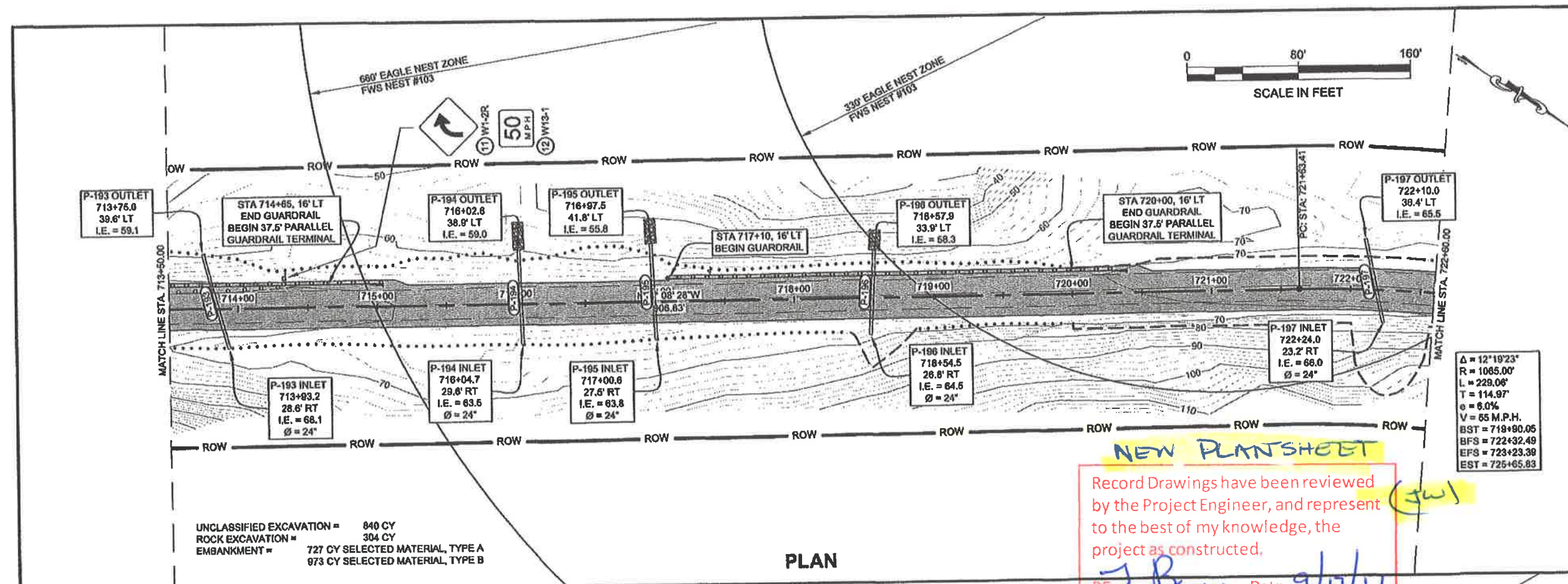
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F12	73



PATH: Q:\JUN06\7526\BESSIE\CONSTRUCTION\DESIGN\267526 P9-F12 PLAN&PROFILE.DWG

TRIPP, 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

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 #87526

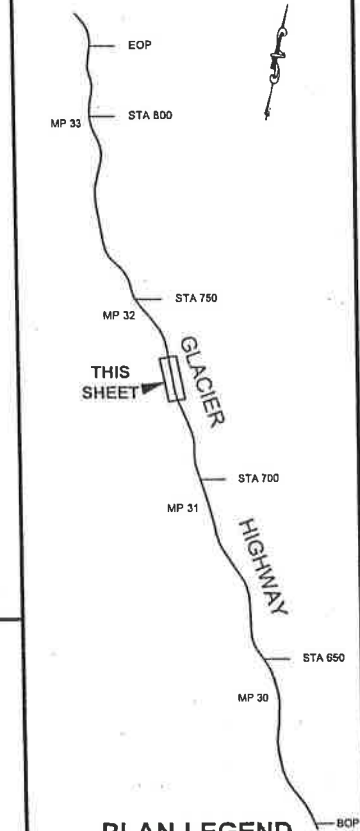
PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011

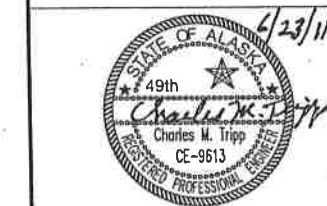
SHEET NUMBER	TOTAL SHEETS
F13	73

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

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

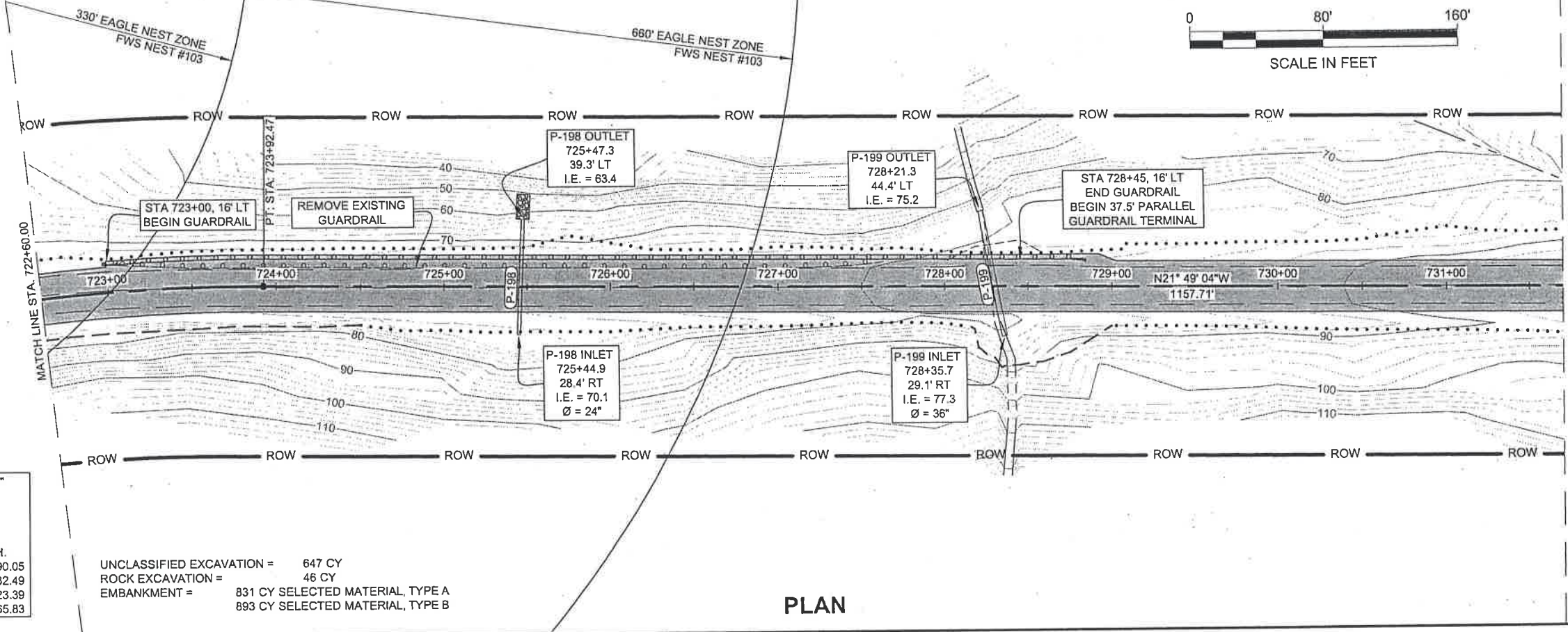
PROJECT DESIGNATION
 ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F14	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

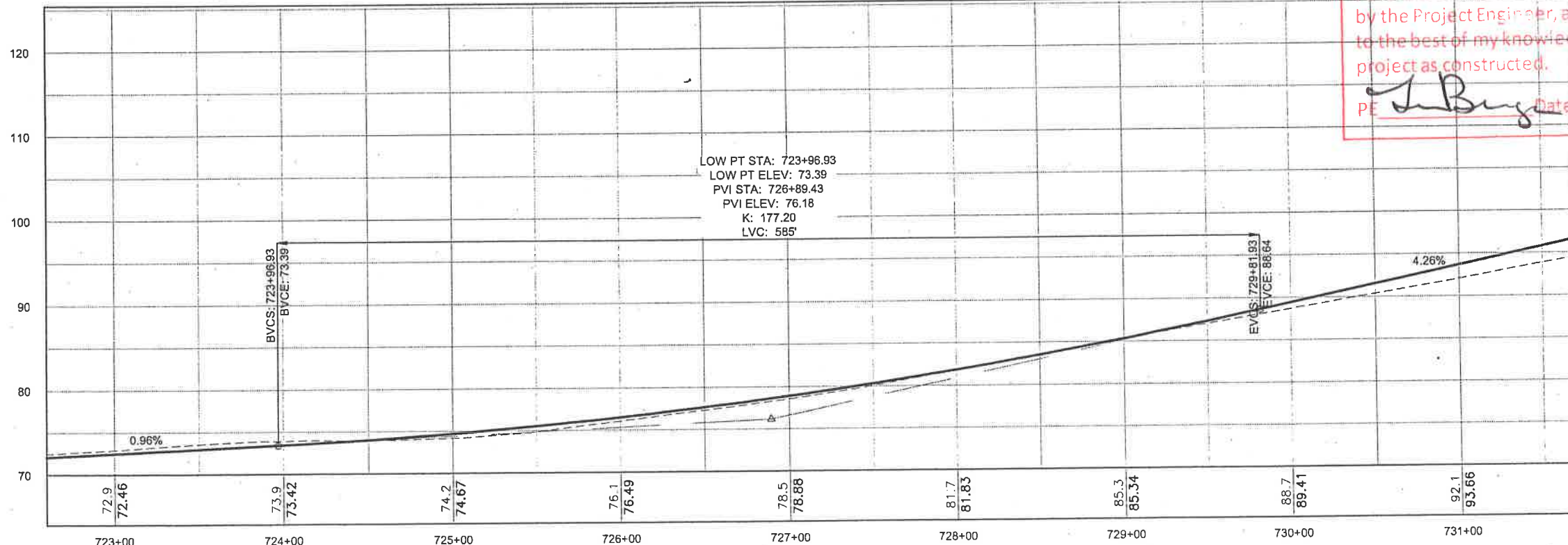
UNCLASSIFIED EXCAVATION = 647 CY
 ROCK EXCAVATION = 46 CY
 EMBANKMENT = 831 CY SELECTED MATERIAL, TYPE A
 893 CY SELECTED MATERIAL, TYPE B

PLAN



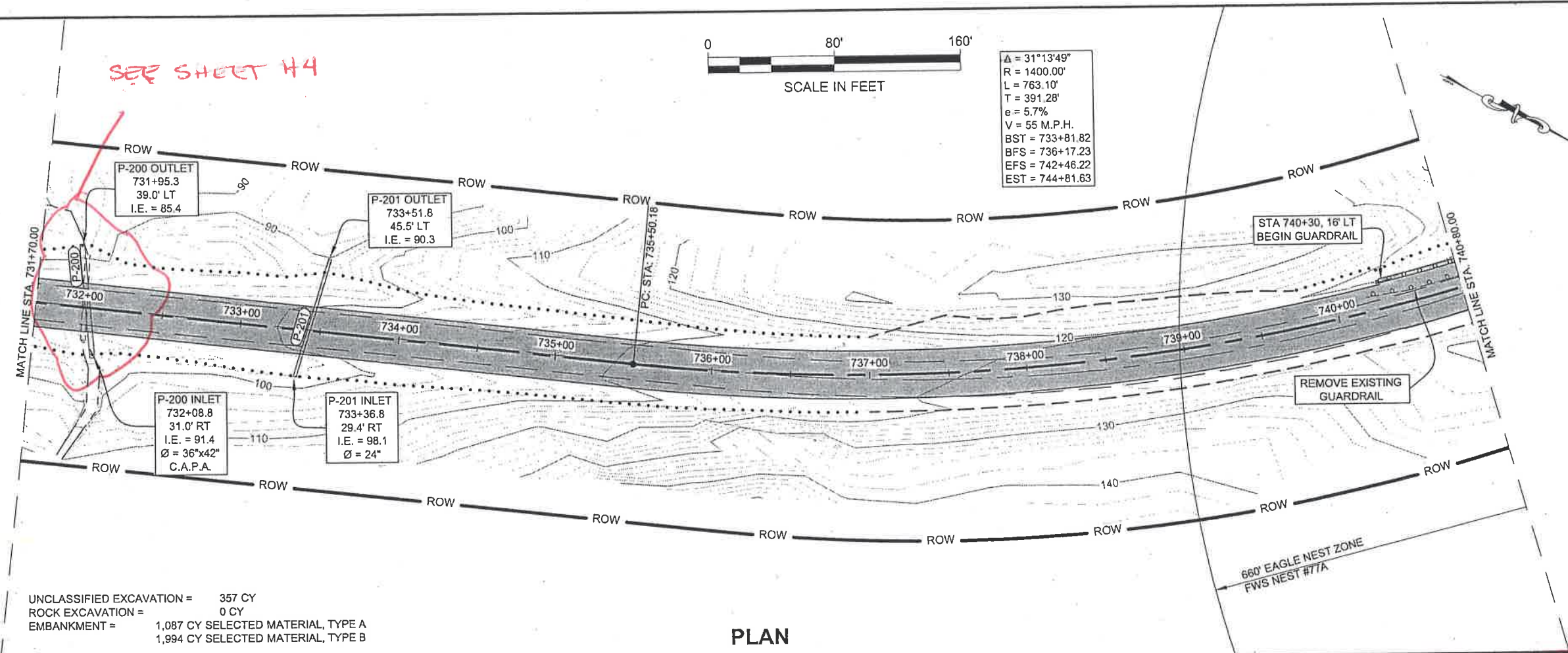
Record Drawings have been reviewed
 by the Project Engineer, and represent
 to the best of my knowledge the
 project as constructed.

PE *J. Weaver* Date 7/15/17



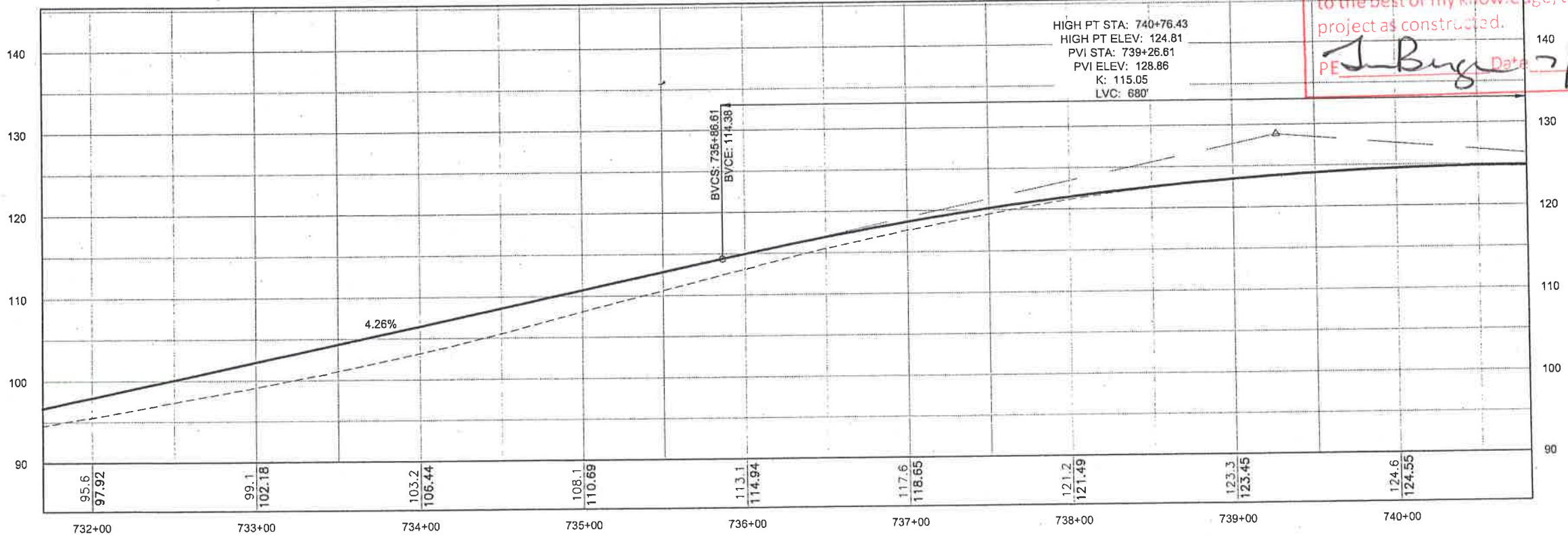
PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



UNCLASSIFIED EXCAVATION = 357 CY
 ROCK EXCAVATION = 0 CY
 EMBANKMENT = 1,087 CY SELECTED MATERIAL, TYPE A
 1,994 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. Buga* Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN16\7526\PLANSET\IC3D
 PLANSET\7526 F1-F25
 PLAN&PROFILE.DWG
 WEAVER, JON M (DOT)
 TAB: F15

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

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

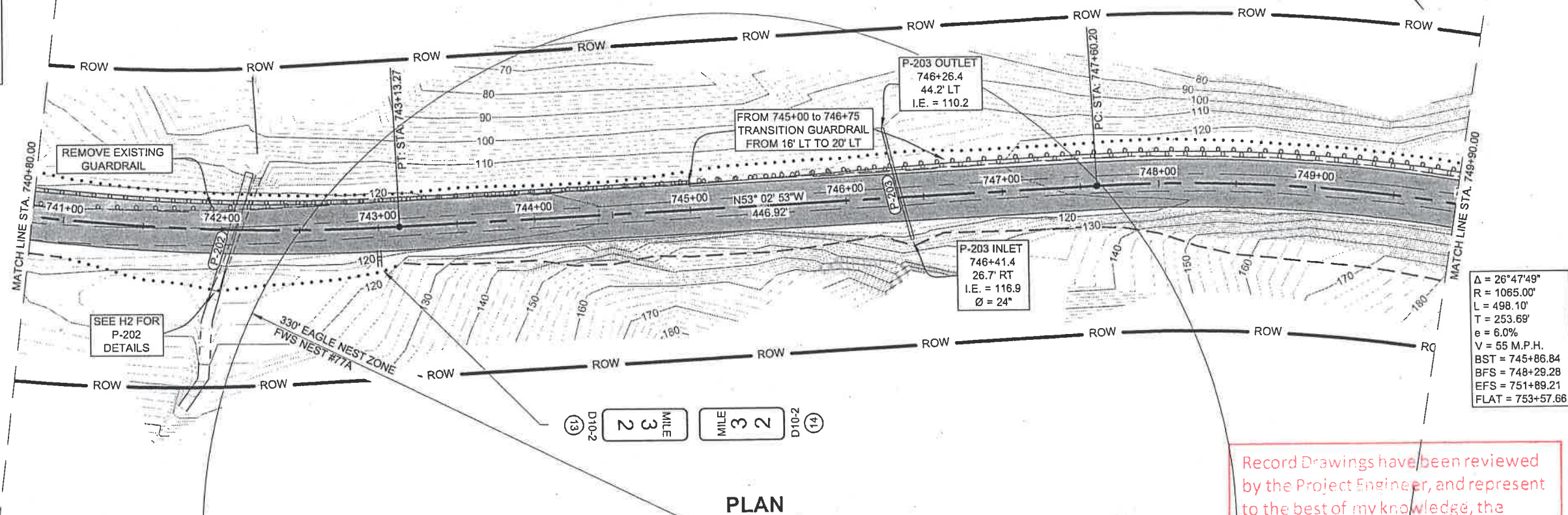
PLAN & PROFILE

PROJECT DESIGNATION	
ACIM-093-3(28) ~ 67526	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F15	73

$\Delta = 31^{\circ}13'49''$
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

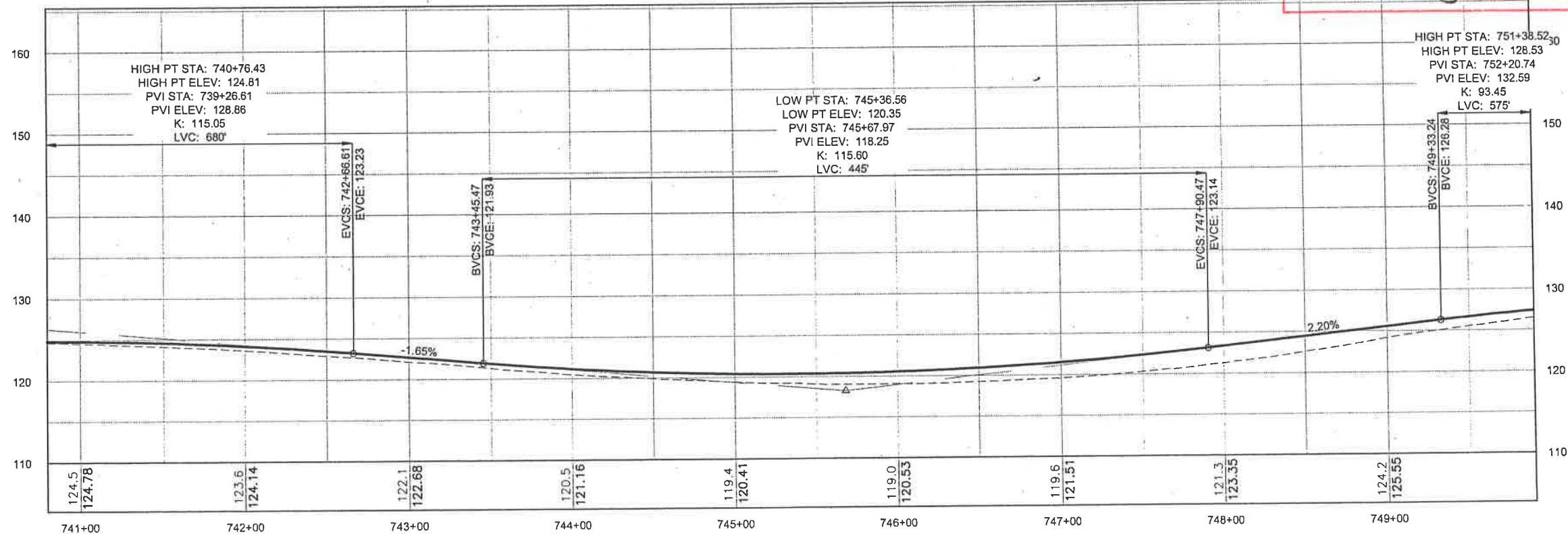
UNCLASSIFIED EXCAVATION = 258 CY
ROCK EXCAVATION = 6,042 CY
EMBANKMENT = 1,078 CY SELECTED MATERIAL, TYPE A
1,232 CY SELECTED MATERIAL, TYPE B

0 80' 160'
SCALE IN FEET



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

PE *J. Buge* Date 7/15/17



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN16\7526\PLANSET\3D
PLANSET\7526 F1-F25
PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F16

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP
MP 33 STA 800
MP 32
THIS SHEET
GLACIER
MP 31
HIGHWAY
STA 700
STA 650
MP 30
BOP

PLAN LEGEND

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

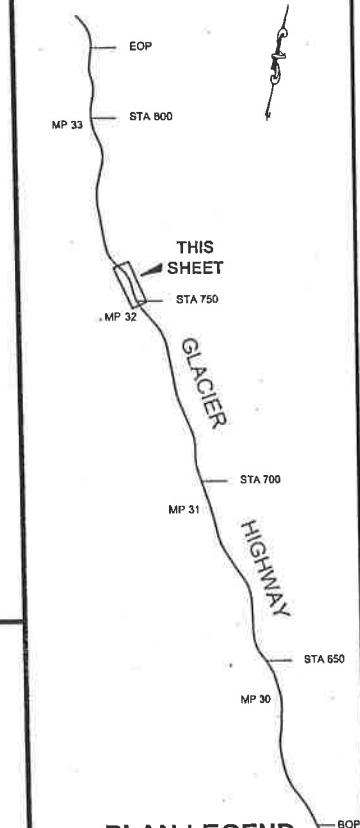
PLAN & PROFILE

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

STATE	YEAR
ALASKA	2011

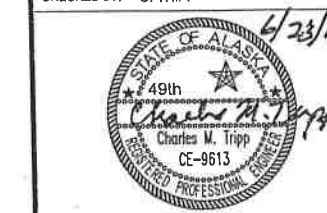
SHEET NUMBER	TOTAL SHEETS
F16	73

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

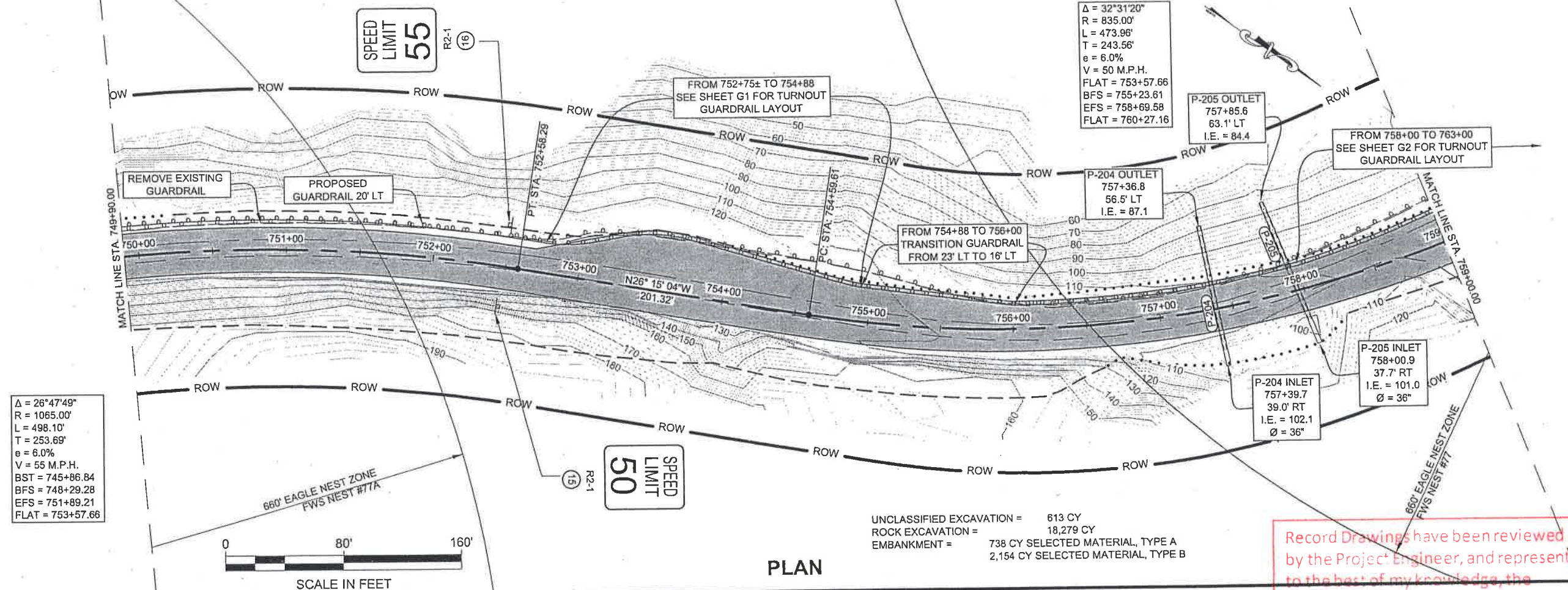
GLACIER HIGHWAY
 NORTH EAGLE BEACH KAYAK
 LAUNCH TO BESSIE CREEK
 PROJECT #67526

PLAN & PROFILE

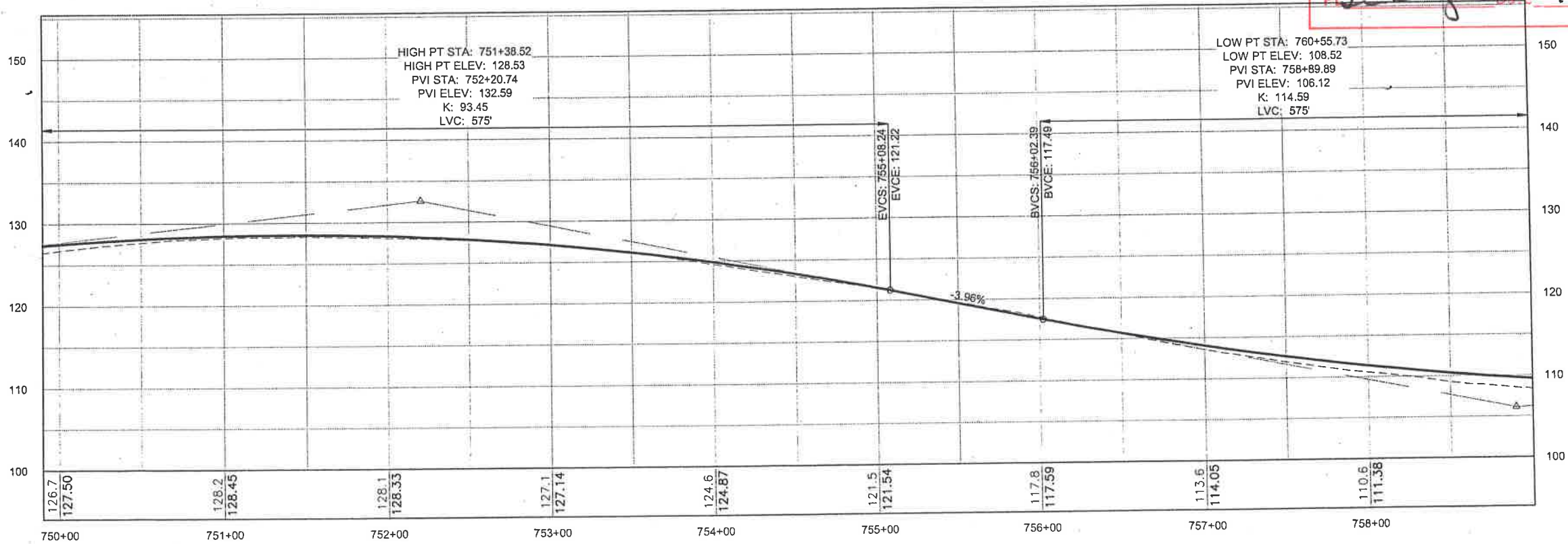
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F17	73



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

$\Delta = 32^{\circ}31'20''$
 $R = 835.00'$
 $L = 473.96'$
 $T = 243.56'$
 $e = 6.0\%$
 $V = 50 \text{ M.P.H.}$
 $\text{FLAT} = 753+57.66$
 $\text{BFS} = 755+23.61$
 $\text{EFS} = 758+69.58$
 $\text{FLAT} = 760+27.16$

FROM 758+00 TO 763+00
SEE SHEET G2 FOR TURNOUT
GUARDRAIL LAYOUT

P-207 OUTLET
762+62.5
58.3' LT
I.E. = 98.6

REMOVE EXISTING
GUARDRAIL

PROPOSED
GUARDRAIL 23' LT

STA 767+30, 23' LT
END GUARDRAIL
BEGIN 37.5' PARALLEL
GUARDRAIL TERMINAL

SEE H3 FOR
P-206
DETAILS

P-207 INLET
762+79.0
26.9' RT
I.E. = 105.5
 $\phi = 24''$

$\Delta = 37^{\circ}51'08''$
 $R = 835.00'$
 $L = 551.64'$
 $T = 286.31'$
 $e = 6.0\%$
 $V = 50 \text{ M.P.H.}$
 $\text{FLAT} = 760+26.63$
 $\text{BFS} = 761+83.68$
 $\text{EFS} = 766+07.32$
 $\text{EST} = 768+33.32$

UNCLASSIFIED EXCAVATION = 182 CY
ROCK EXCAVATION = 16,263 CY
EMBANKMENT = 1,241 CY SELECTED MATERIAL, TYPE A
1,564 CY SELECTED MATERIAL, TYPE B

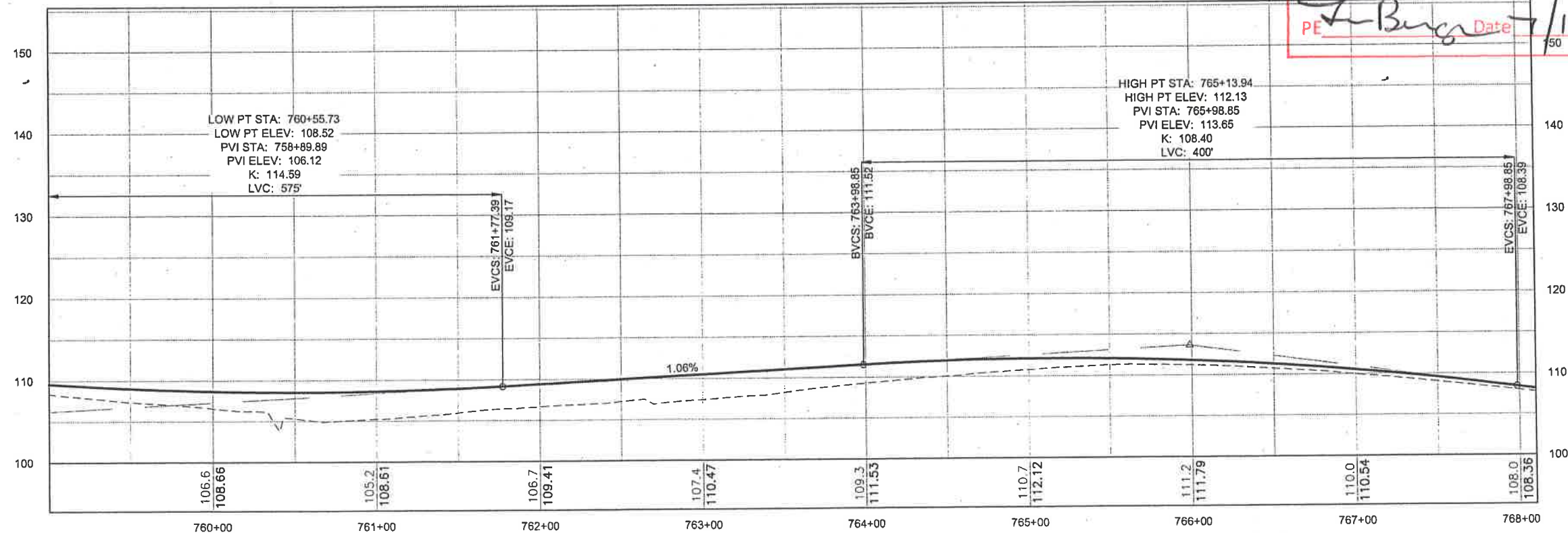


PLAN

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

PE

[Signature] Date 7/15/17



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

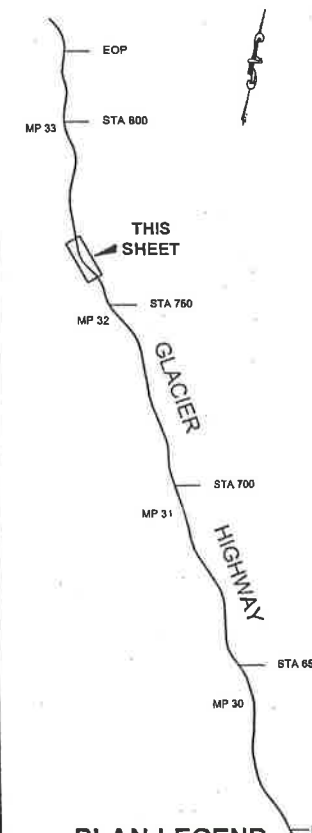
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WEAVER, JON M (DOT)
TAB: F18

ADDENDUM NUMBER

ATTACHMENT NUMBER

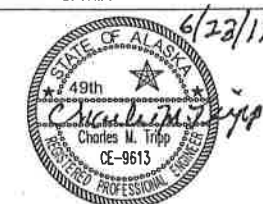
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

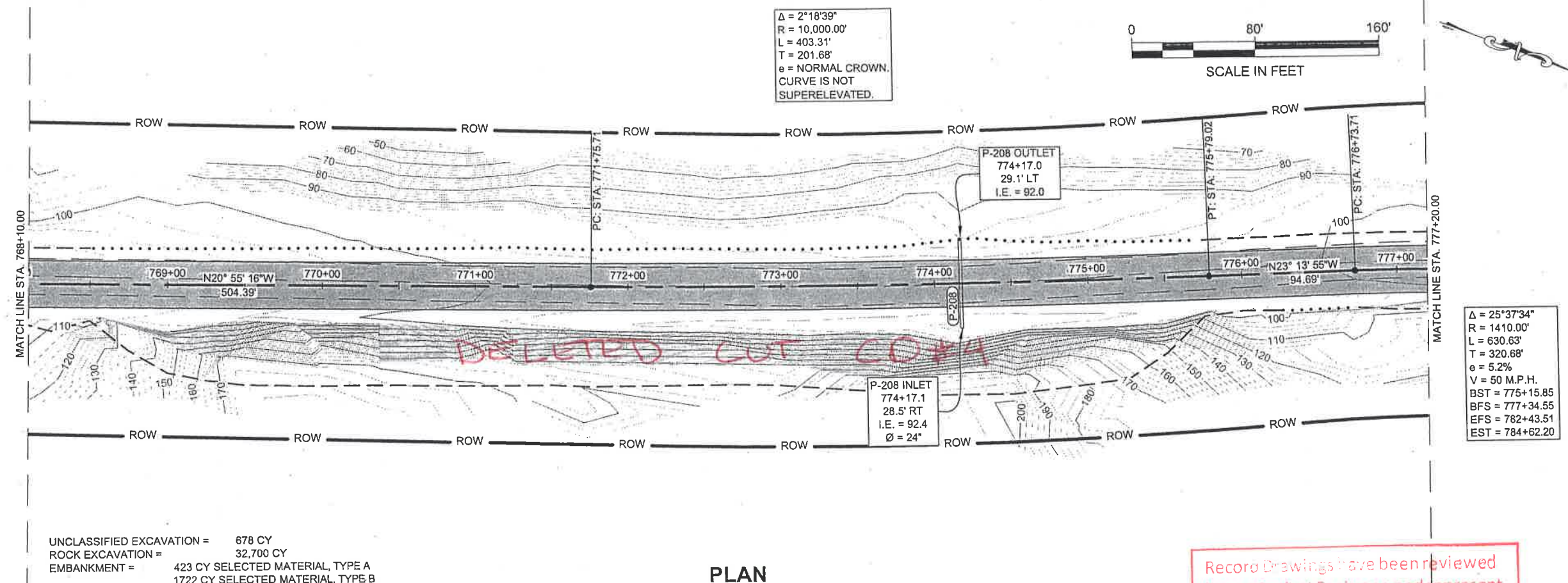
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

PROJECT DESIGNATION

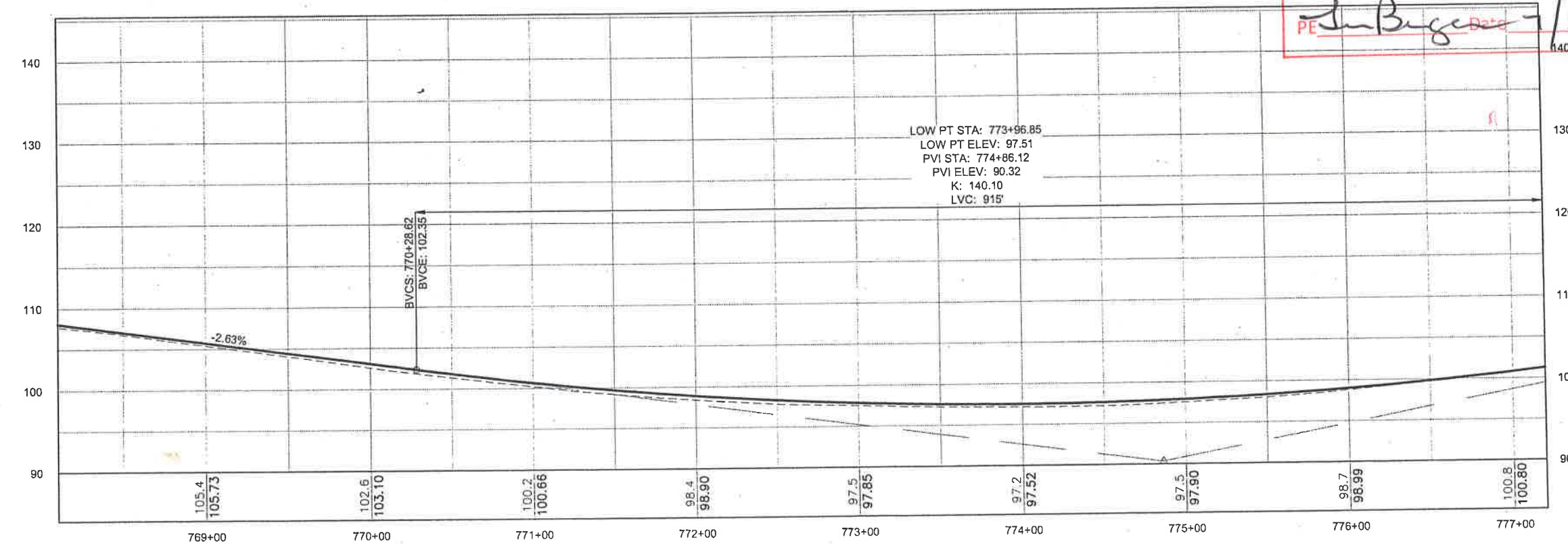
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F18	73



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 7/15/17



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\UNU\67526\PLANSET\3D
 PLANSET\67526 F1-F25
 PLAN&PROFILE.DWG
 WEAVER, JON M (DOT)
 TAB: F19

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP
 MP 33 STA 800
 THIS SHEET
 MP 32 STA 750
 GLACIER HIGHWAY
 STA 700
 MP 31
 STA 650
 MP 30
 BOP

PLAN LEGEND

CHECKED BY: C. TRIPP

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

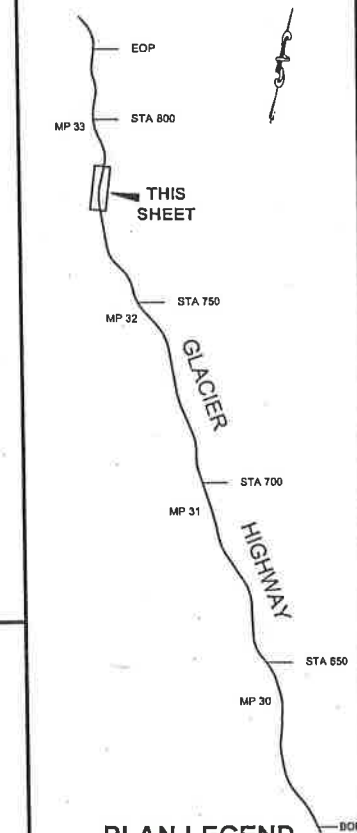
SHEET NUMBER	TOTAL SHEETS
F19	73

ADDENDUM NUMBER

ATTACHMENT NUMBER

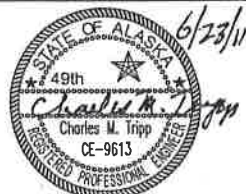
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

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

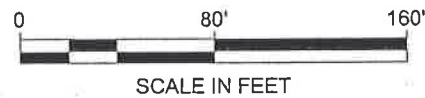
PLAN & PROFILE

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

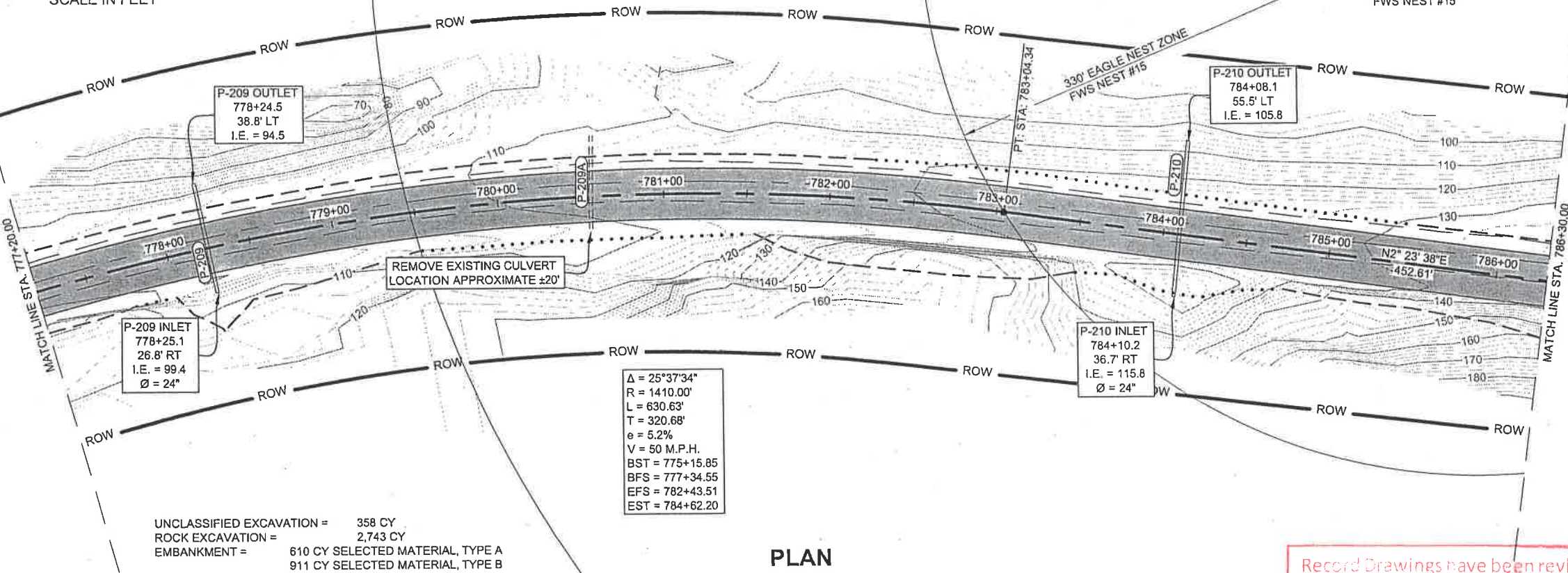
STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F20	73



660' EAGLE NEST ZONE
FWS NEST #15

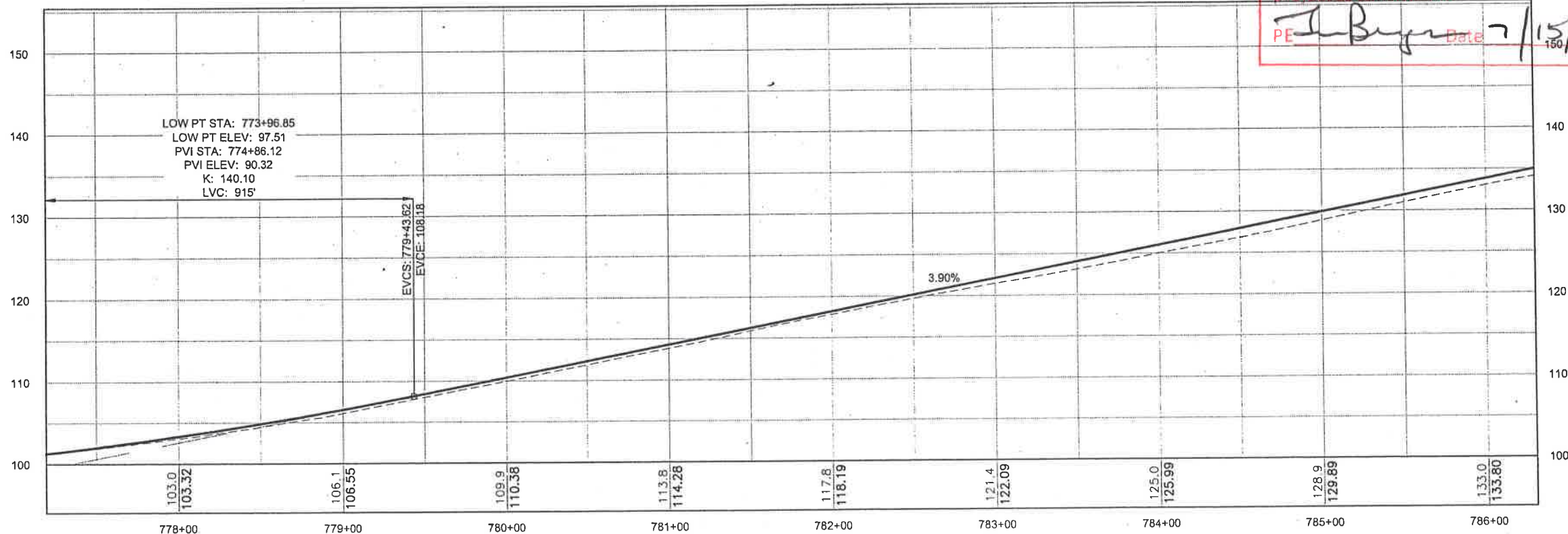
EAGLE NEST
FWS NEST #15



PLAN

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

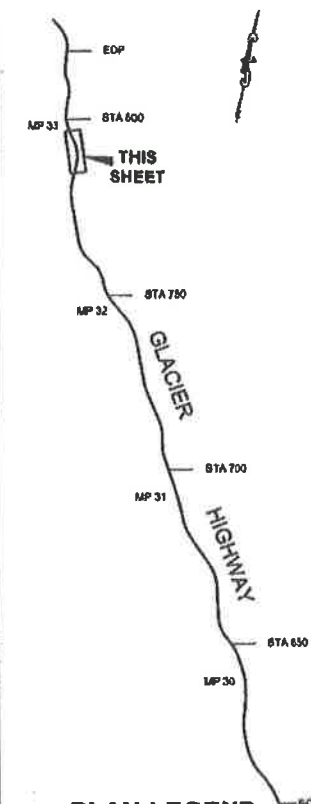
PE *J. Weaver* Date 7/15/17



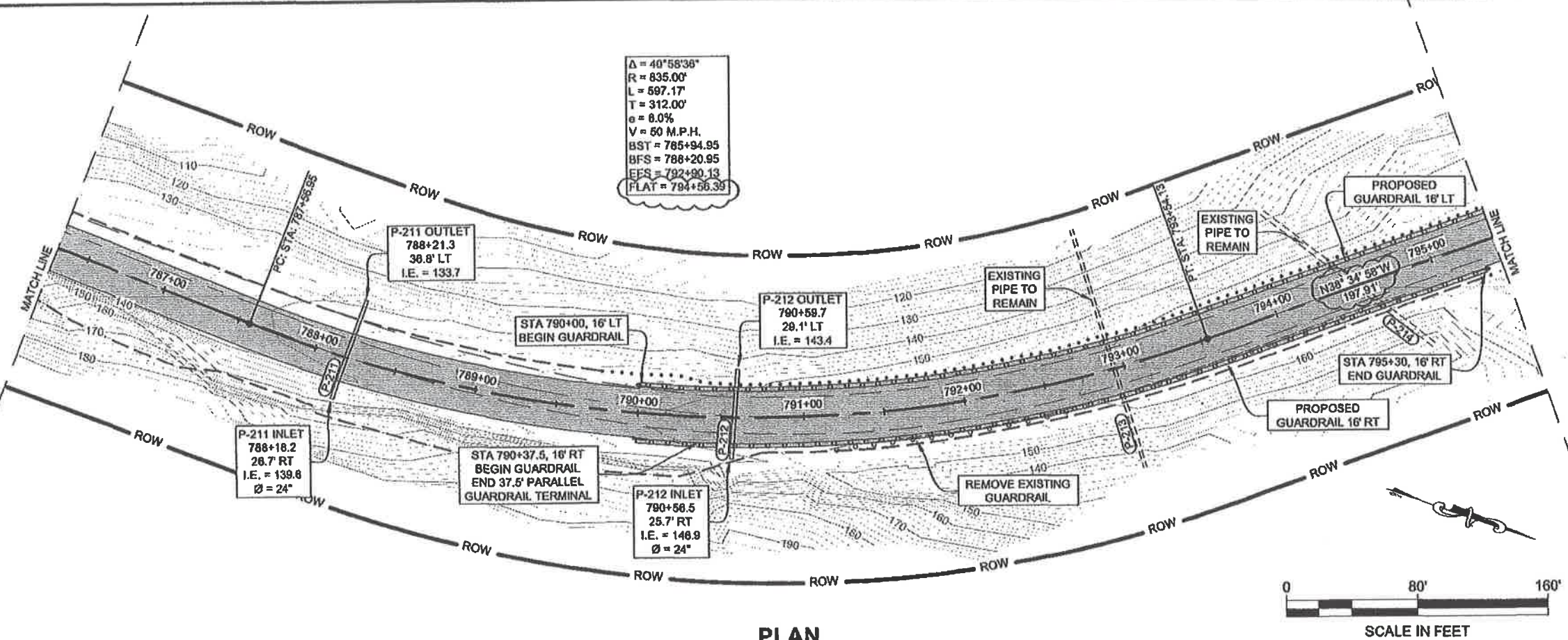
PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

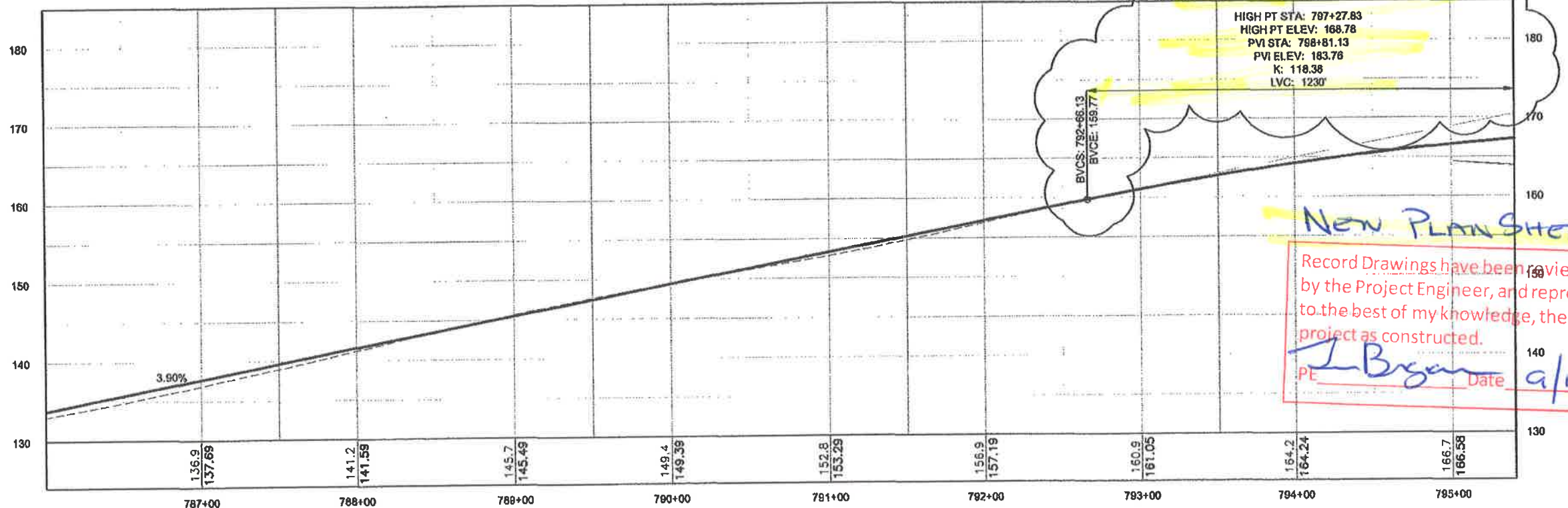
PATH: Q:\IN\067526\EN\DOCS\CONSTRUCTION\REO\0610 4 795-807\67526 F22-F24 PLAN&PROFILE.DWG WEAVER, JON M (DOT) TAB: F21		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
1	9/26/13	REALIGNED TO ELIMINATE CUT AT 804+50 TO 807+50



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
F21	73



PLAN



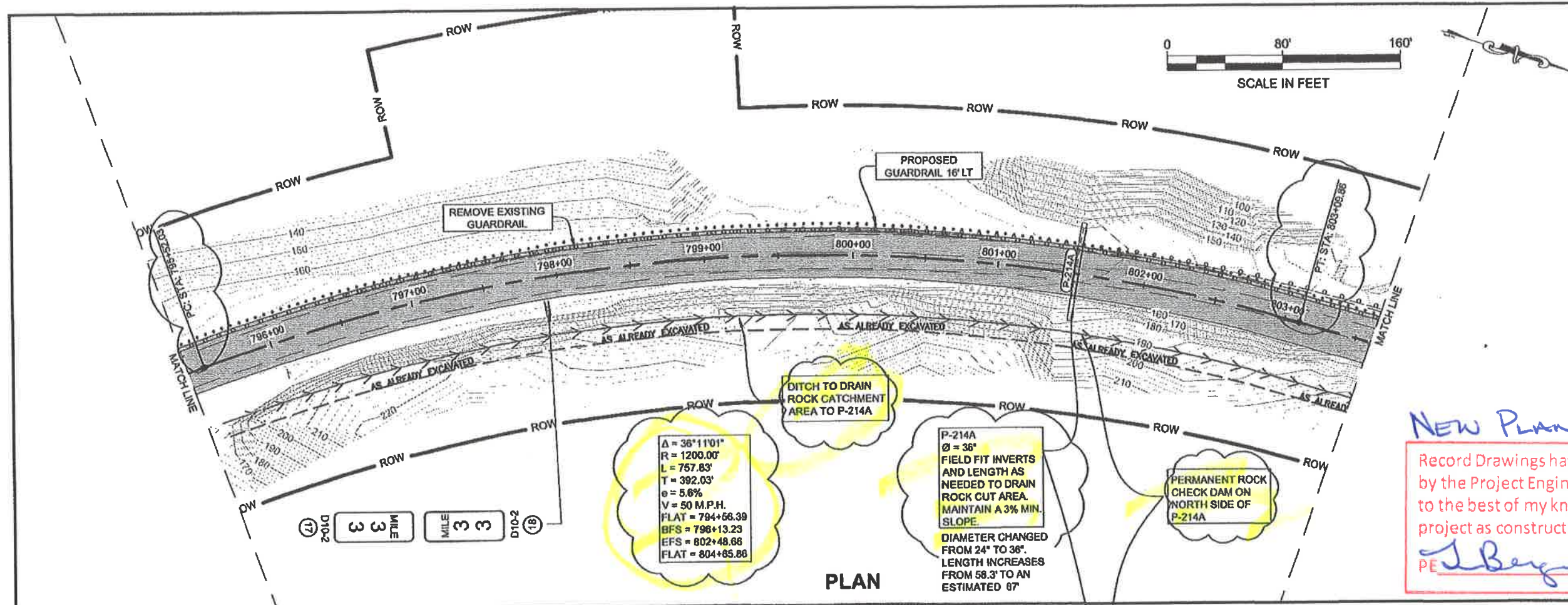
PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

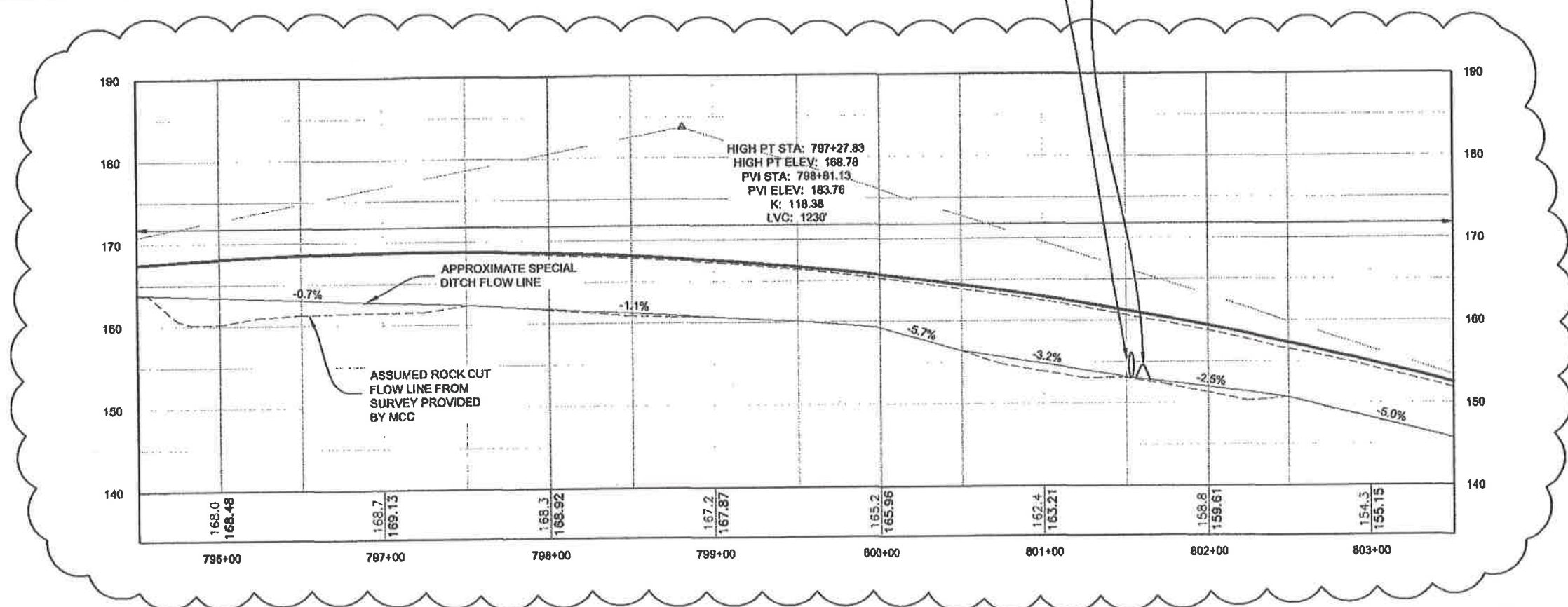
New Plan Sheet

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

PE: J. Bryan Date: 9/17/17



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\UNITS\67526\ENR\DOCS\CONSTRUCTION\F22-F24
4 786-807167526 F22-F24
PLAN&PROFILE.DWG
WEAVER, JON M (DOT)
TAB: F22

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	8/26/13	REALIGNED TO ELIMINATE CUT AT 804+50 TO 807+50

THIS SHEET

GLACIER HIGHWAY

PLAN LEGEND

CHECKED BY: C. TRUPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
A PUBLIC FACILITIES
SOUTHEAST REGION

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

PLAN & PROFILE

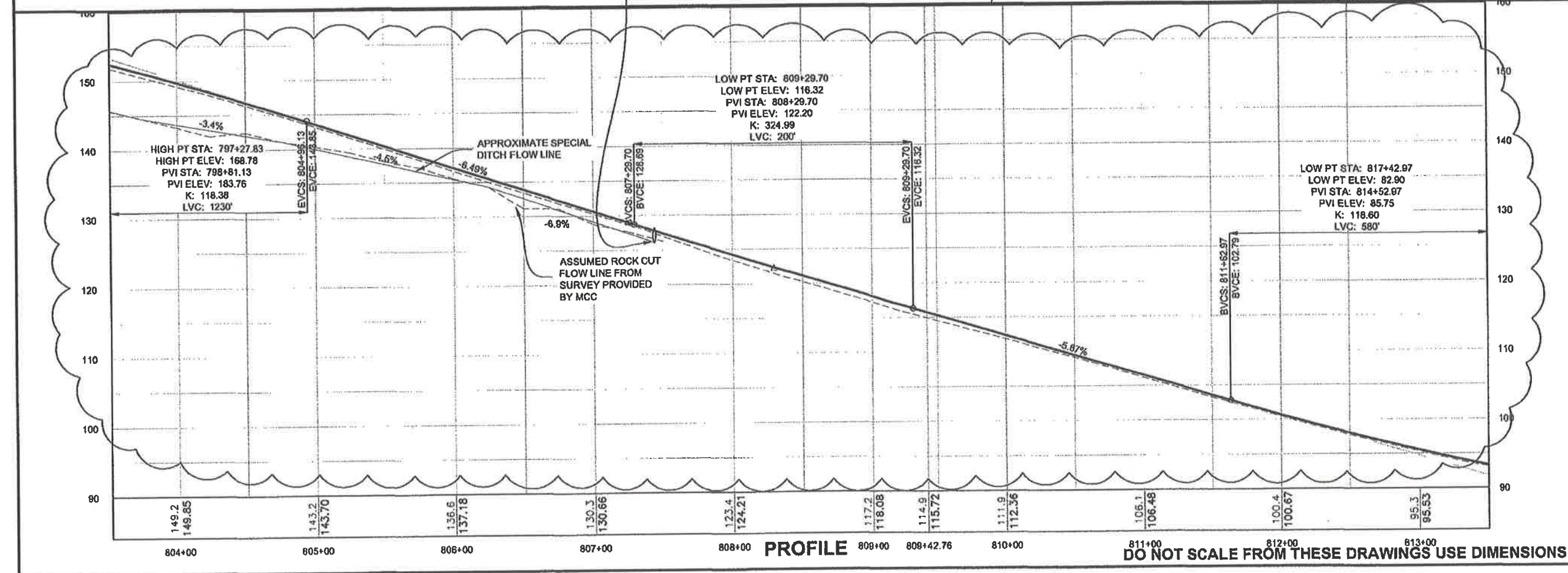
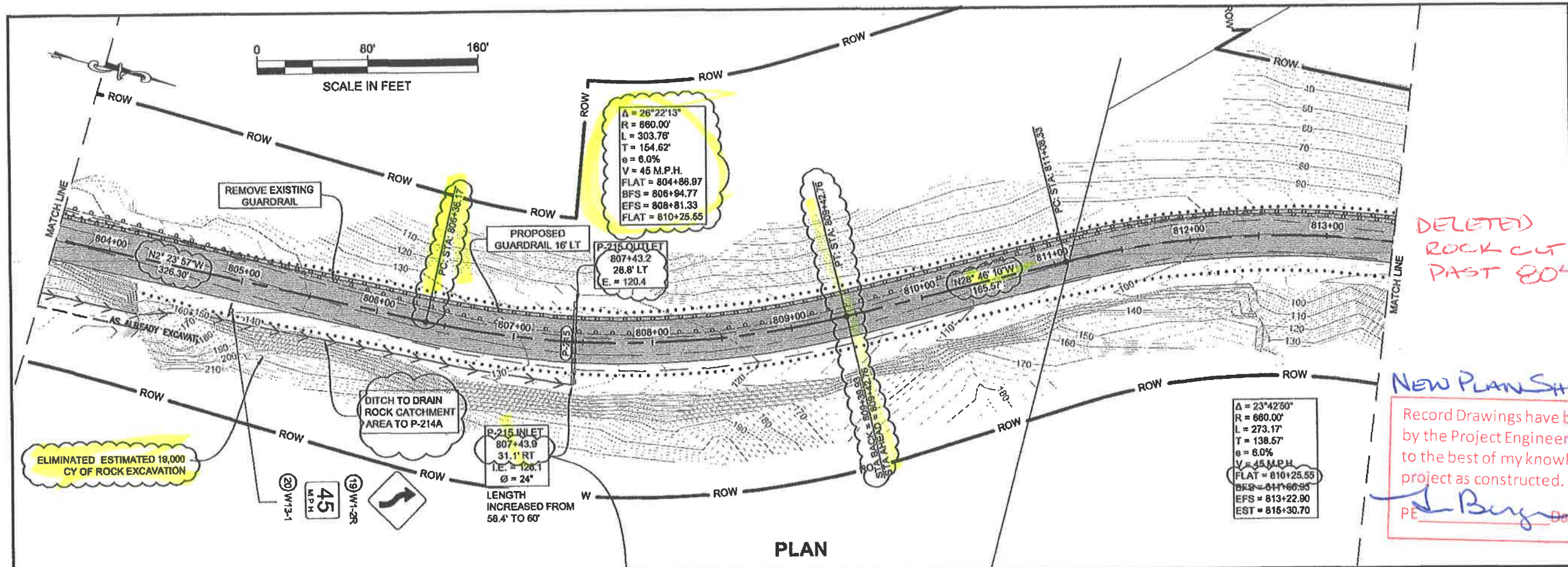
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F22	73

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. Berger Date 9/17/17



PATH: Q:\UNIV\528\ENR\DOCS\CONSTRUCTION\RED\SIG 4796-80\W\528 F22-F24 PLAN&PROFILE.DWG
WEAVER, JON H (DOT)
TAB: F23

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	9/28/13	REALIGNED TO ELIMINATE CUT AT 804+50 TO 807+50

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 *J. Buys* Date *9/17/13*

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

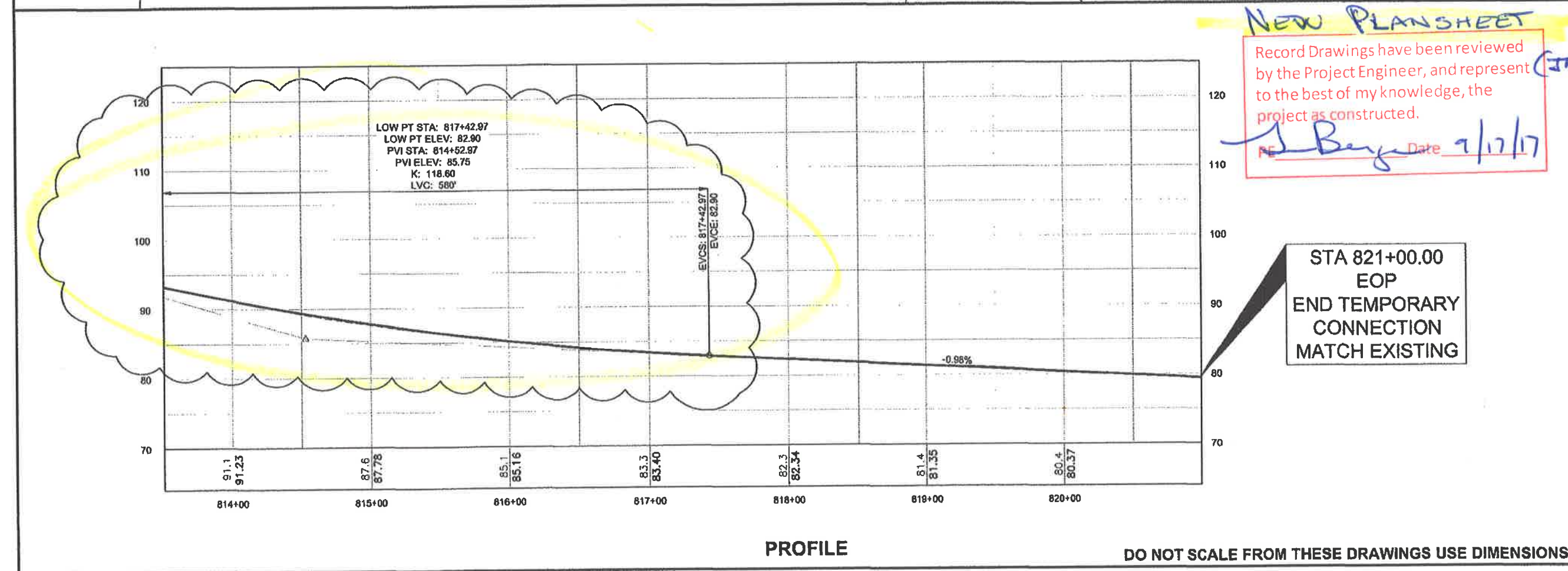
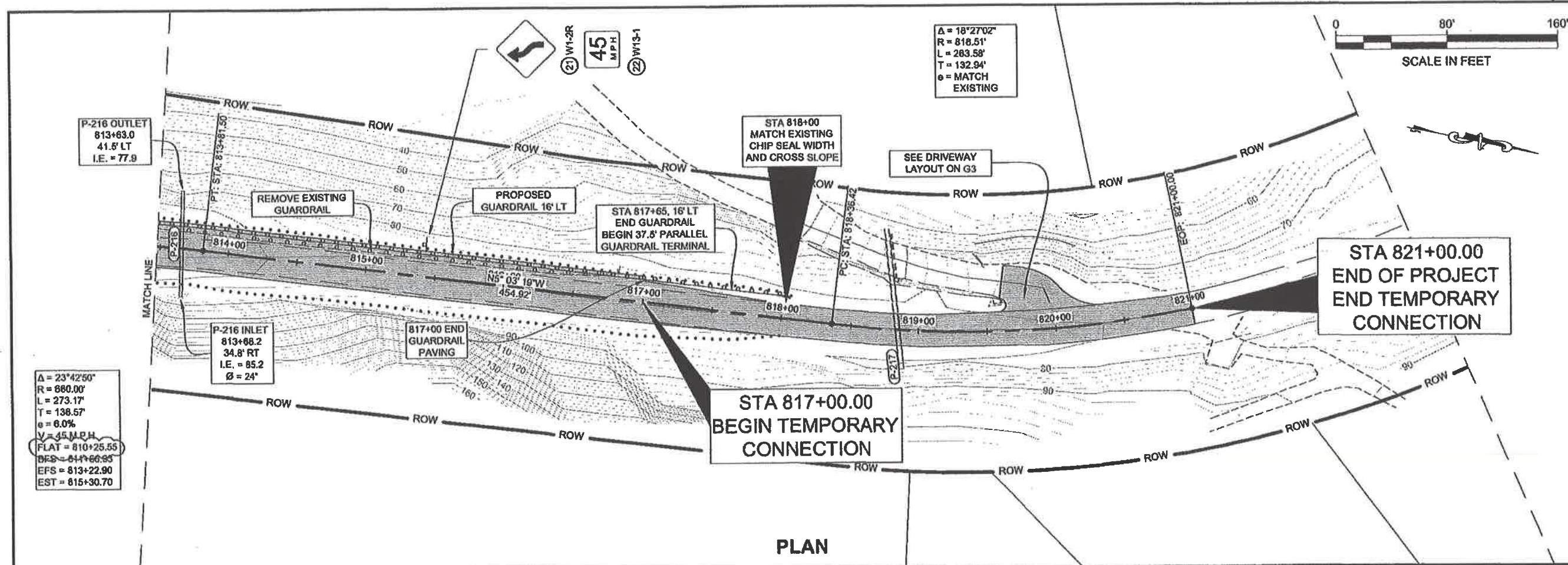
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

PLAN & PROFILE

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

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F23	73



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 PLAN&PROFILE.DWG
 WEAVER, JON M (DOT)
 TAB: F24

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
1	9/28/13	REALIGNED TO ELIMINATE CUT AT 804+50 TO 807+50

ADDENDUM NUMBER
 ATTACHMENT NUMBER

EOP THIS SHEET
 STA 800
 STA 750
 STA 700
 STA 650
 MP 30
 MP 31
 MP 32
 MP 33
 GLACIER HIGHWAY

PLAN LEGEND
 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

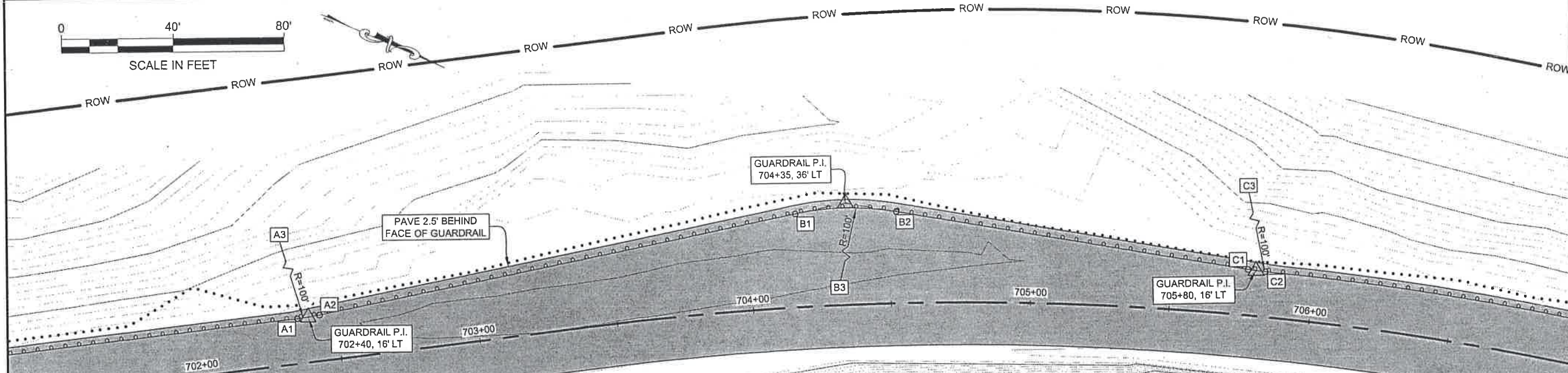
PLAN & PROFILE
 PROJECT DESIGNATION
 ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F24	73



SCALE IN FEET



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

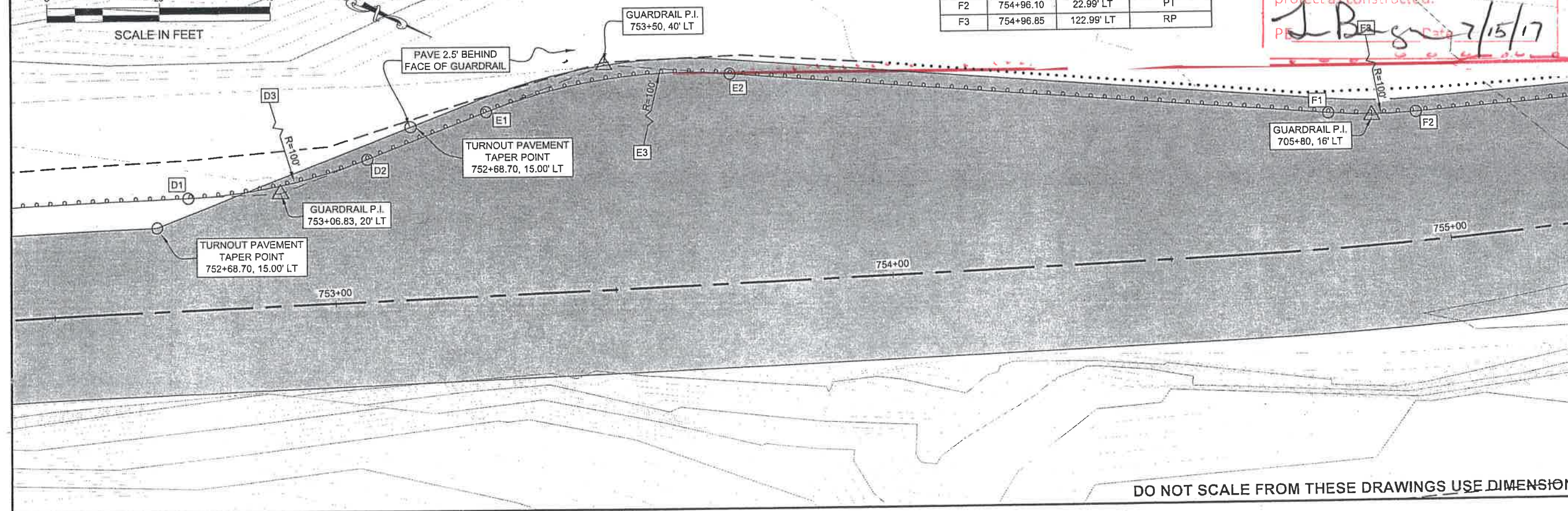
POINT	STATION	OFFSET	REMARKS
D1	752+74.64	20.00' LT	PC
D2	753+06.83	25.32' LT	PT
D3	752+74.64	120.00' LT	RP
E1	753+28.45	32.67' LT	PC
E2	753+72.60	37.28' LT	PT
E3	753+60.64	62.00' RT	RP
F1	754+79.99	24.17' LT	PC
F2	754+96.10	22.99' LT	PT
F3	754+96.85	122.99' LT	RP

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

J. B. [Signature] 7/15/17



SCALE IN FEET



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUNI67526\PLANSET\C3D
PLANSET\67526 G1-G2
INTERSECTIONS.DWG
WEAVER, JON M (DOT)
TAB: G1

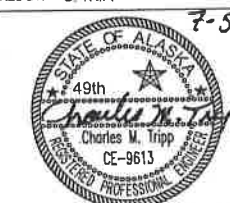
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

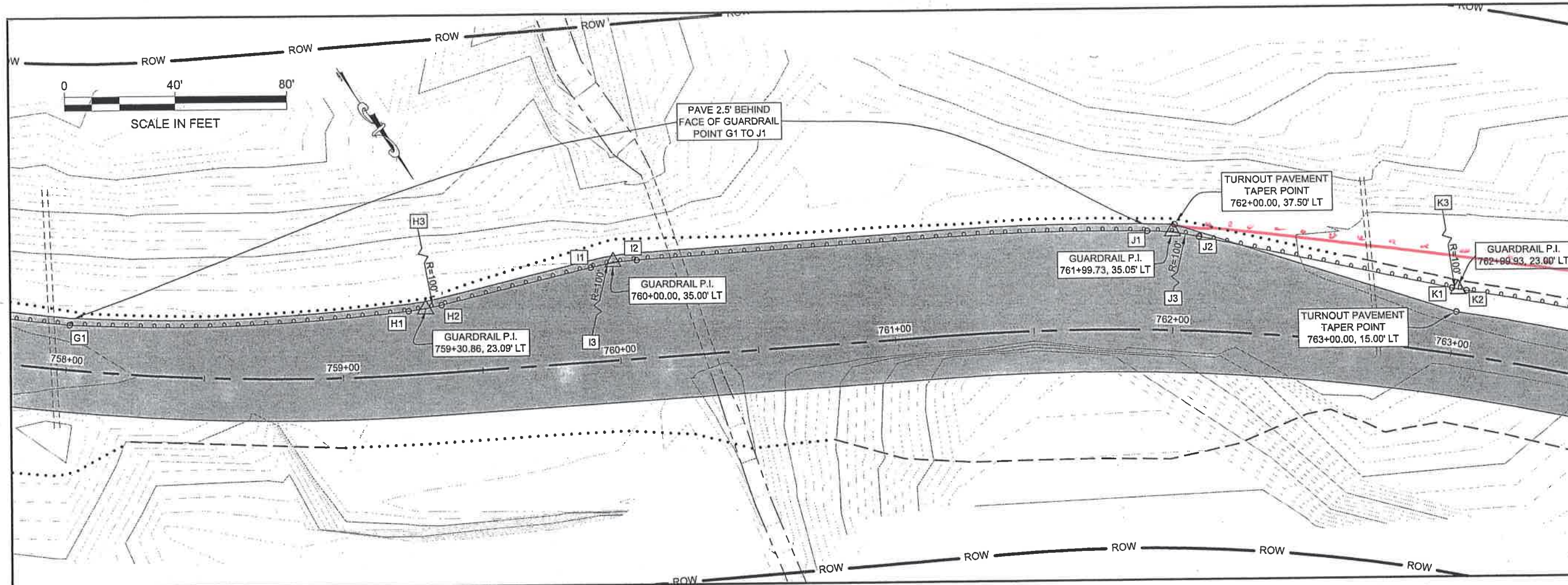
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

TURNOUT LAYOUT

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
G1	73



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

WEAVER, JON M (DOT)
TAB: G2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MOVE GUARDRAIL
OUT CO 4

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+18.5	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 18:1 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.

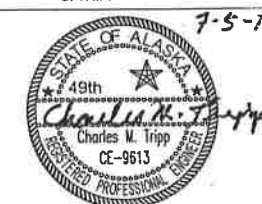
POINT LAYOUT TABLE

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 *J. Bug* Date 7/15/17

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

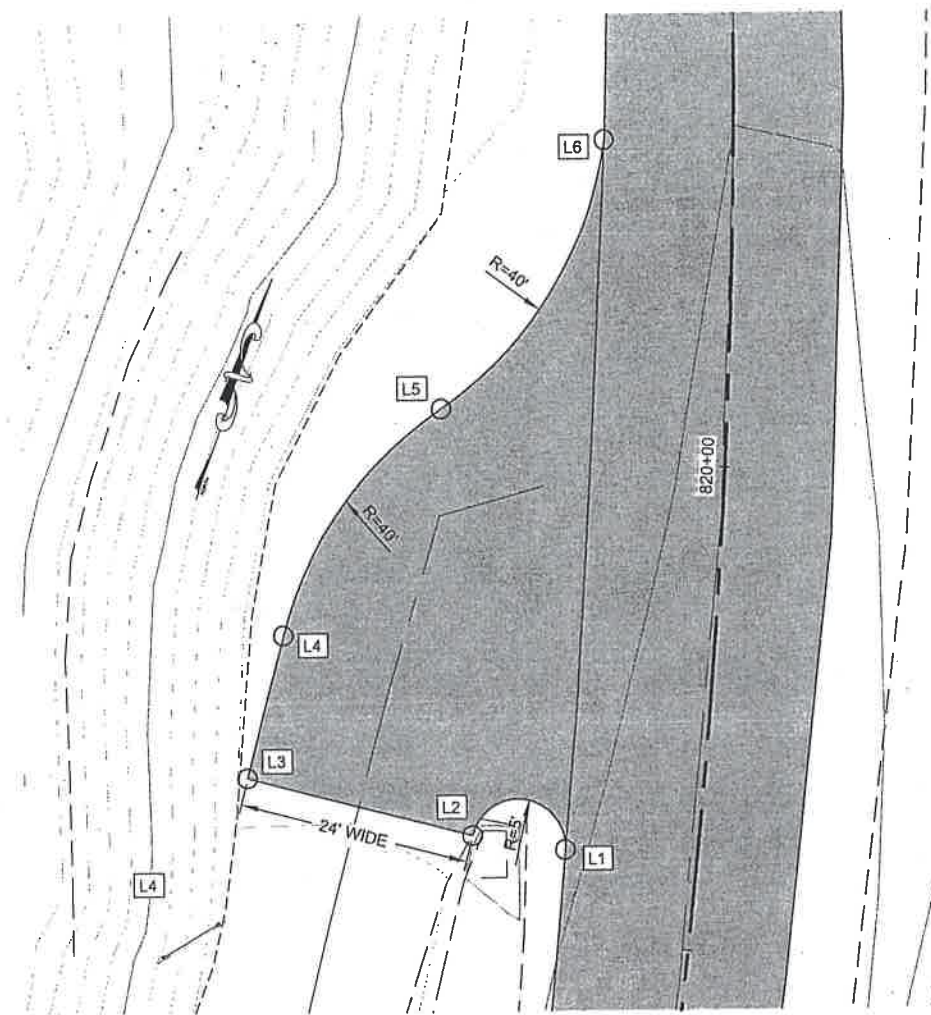
TURNOUT LAYOUT

PROJECT DESIGNATION

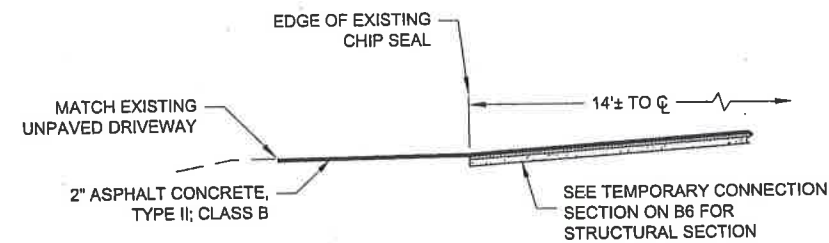
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
G2	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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 *[Signature]* Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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PLANSET\67526 G1-G2
INTERSECTIONS.DWG
WEAVER, JON M (DOT)
TAB: G3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

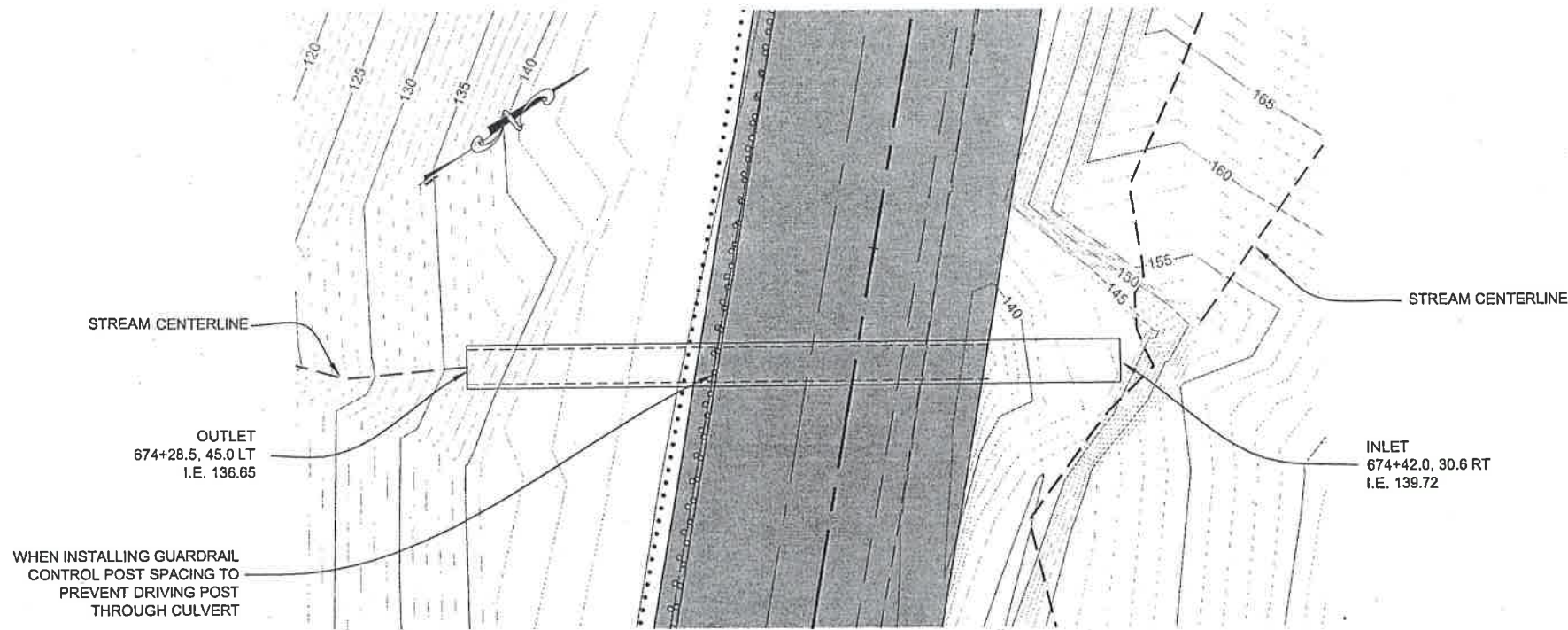
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

DRIVEWAY LAYOUT

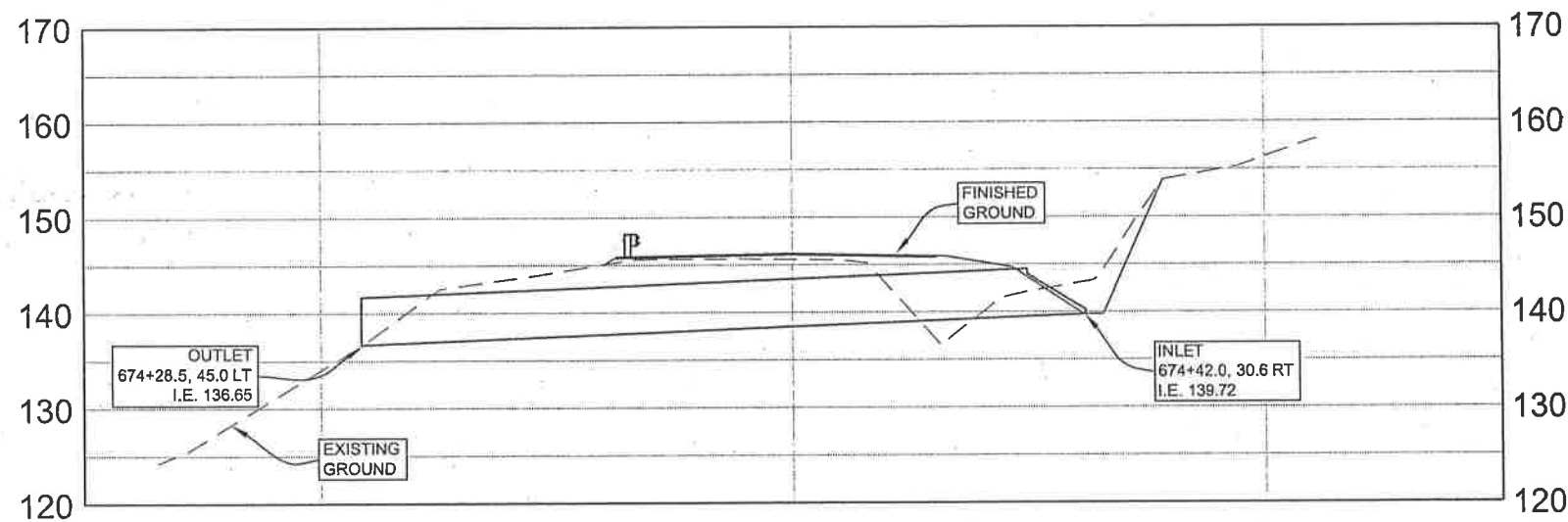
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

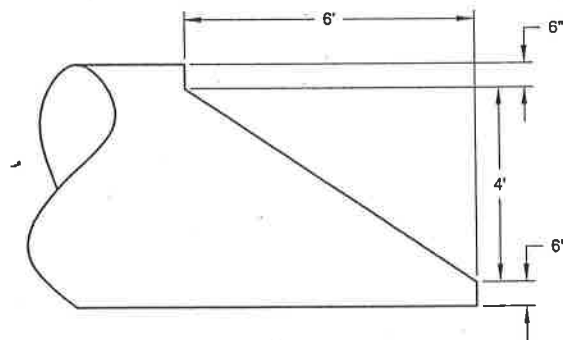
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
G3	73



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 INVERT 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 RQD 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. Burger Date 2/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CULVERT P-183 DETAILS

CHECKED BY: C. TRIPP



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

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CULVERT P-202 DETAILS

CHECKED BY: C. TRIPP



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

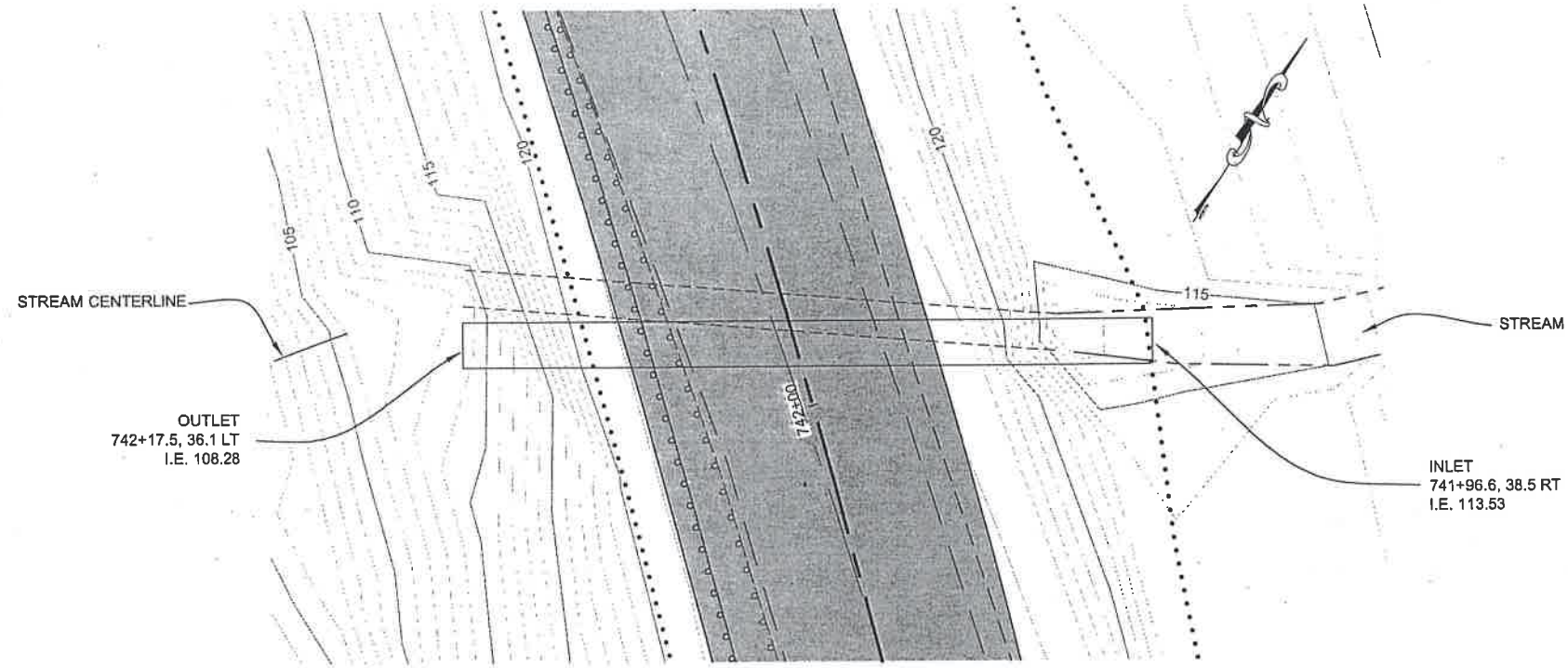
LARGE CULVERT
DETAILS

PROJECT DESIGNATION

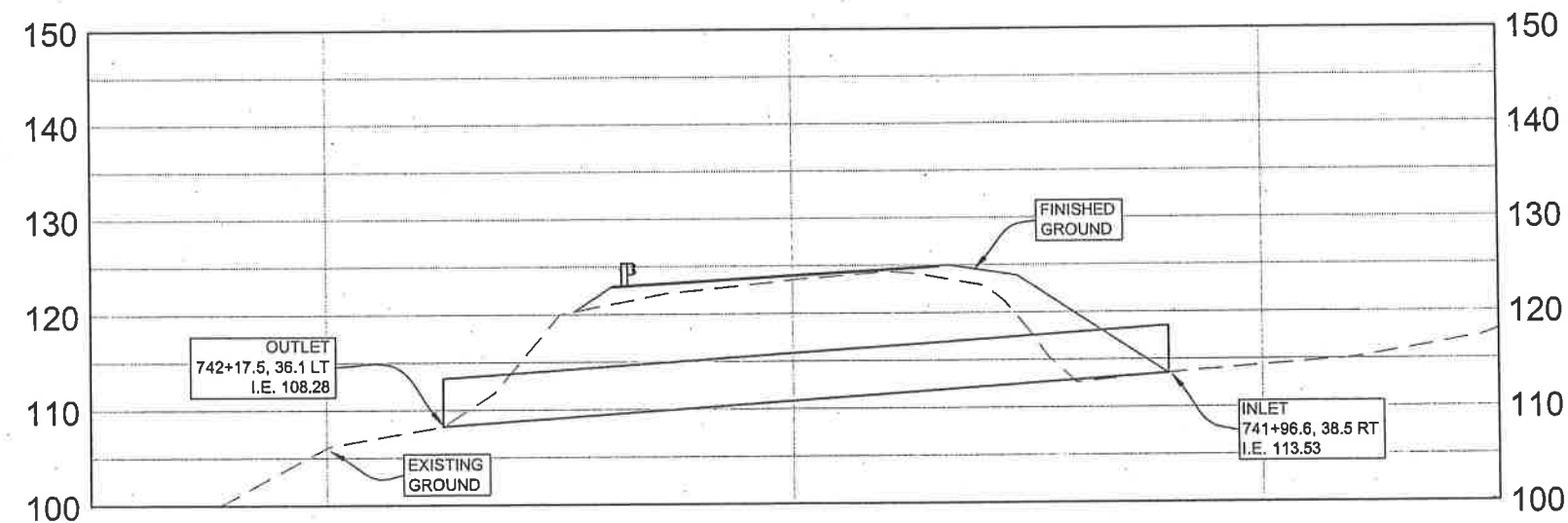
ACIM-093-3(28) ~ 67526

STATE YEAR
ALASKA 2011

SHEET NUMBER TOTAL SHEETS
H2 73



P-202 PLAN VIEW



P-202 PROFILE VIEW

HYDRAULIC SUMMARY

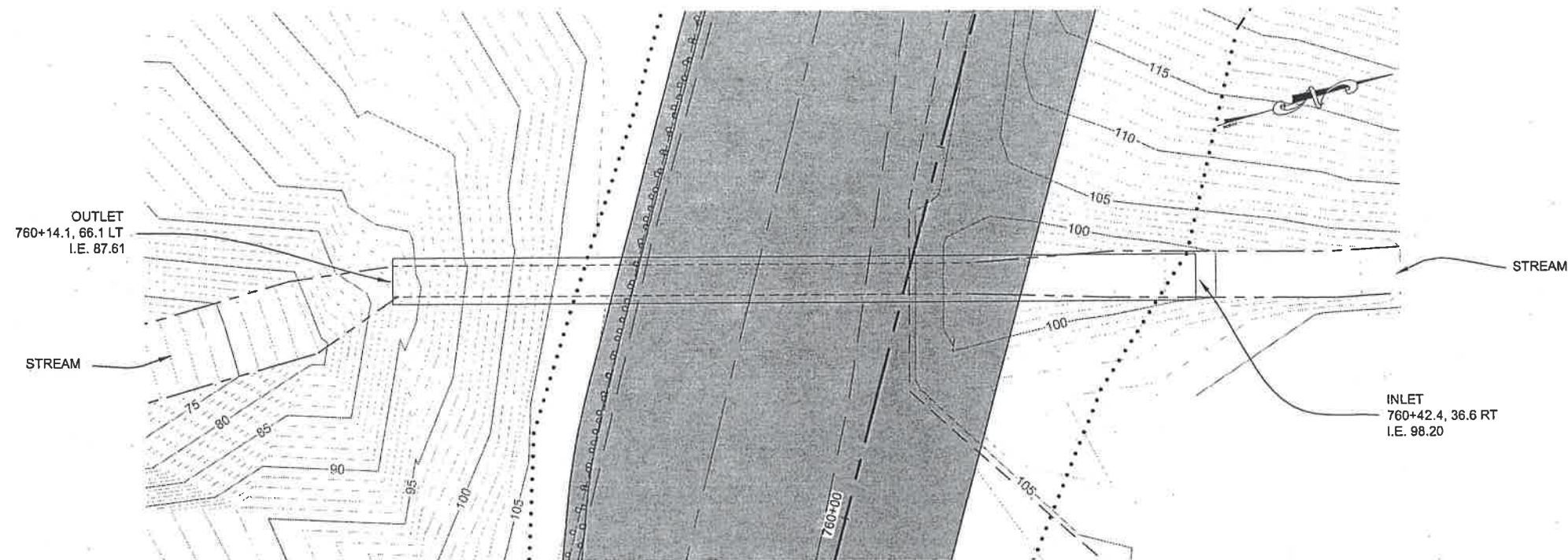
RETURN PERIOD	FLOWRATE, (CFS)	HEADWATER ELEV., (FT)
Q2	46	116.22
Q50	116	118.51
Q100	130	119.00
Q500	164	122.33
CAPACITY	> Q50 AND Q100	
DISCHARGE WHEN Hw/D = 1, CFS	116	
DISCHARGE RD TO OVERTOP ROADWAY CFS	232	
ROADWAY OVERTOPPING RECCURANCE PROBABILITY	< 0.5%	

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

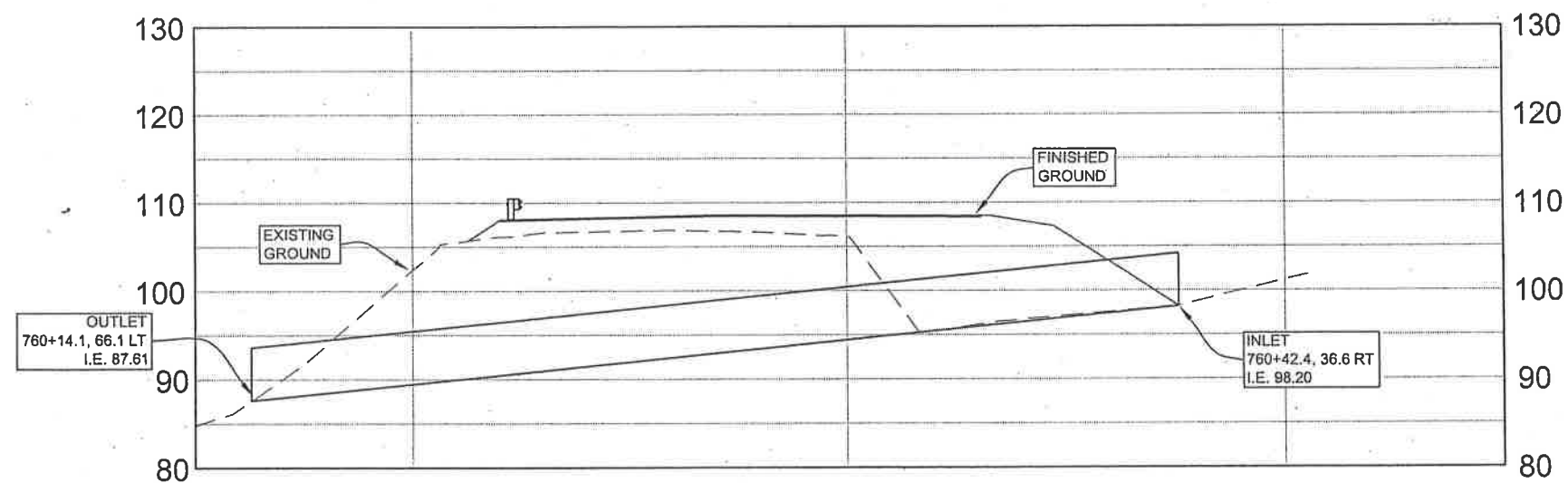
PE *J. Brewer* Date *2/15/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 INVERT ELEV. FT	108.28
Hw ELEV @ Q50, FT	118.51
Hw/D RATIO, Q50	1.00
END TREATMENT	NONE



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 INVERT ELEV, FT	87.61
Hwy ELEV @ Q50, FT	102.72
Hwy D RATIO, Q50	0.75
END TREATMENT	NONE

HYDRAULIC SUMMARY		
RETURN PERIOD	FLOWRATE, (CFS)	HEADWATER ELEV, (FT)
Q2	51	100.78
Q50	128	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%	

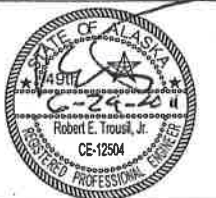
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *J. Burger* Date *7/15/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CULVERT P-206 DETAILS

CHECKED BY: C. TRIPP



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

PATH Q:\UNIV67526\ENR\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



DESIGNED BY: R. TROUSIL

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

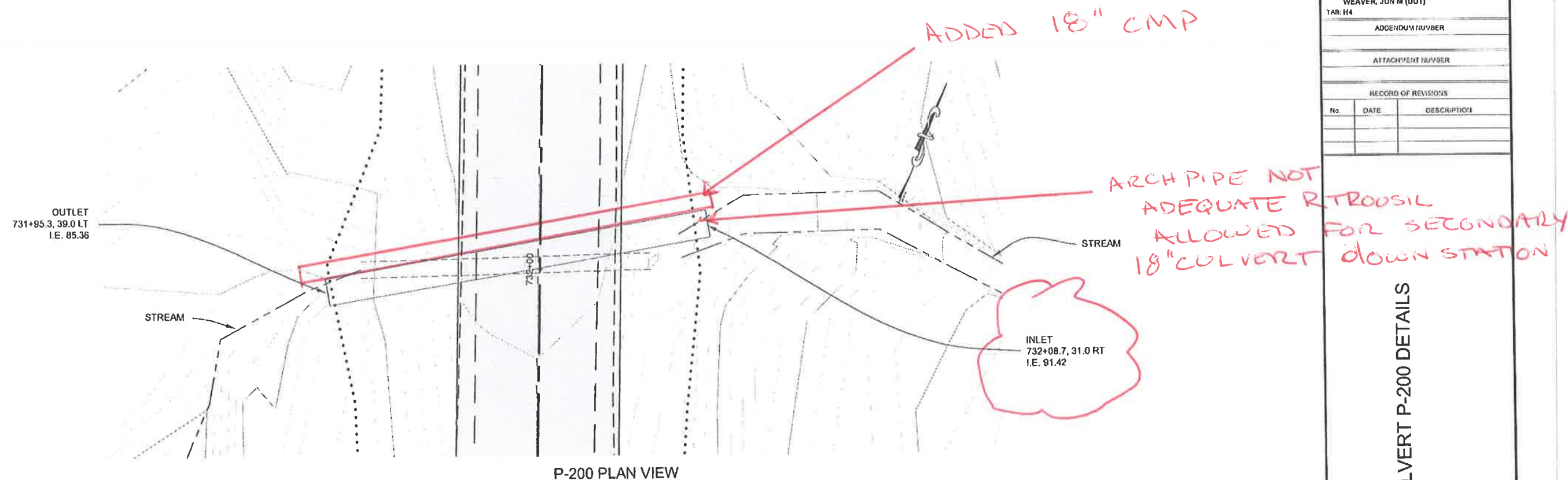
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

LARGE CULVERT
DETAILS

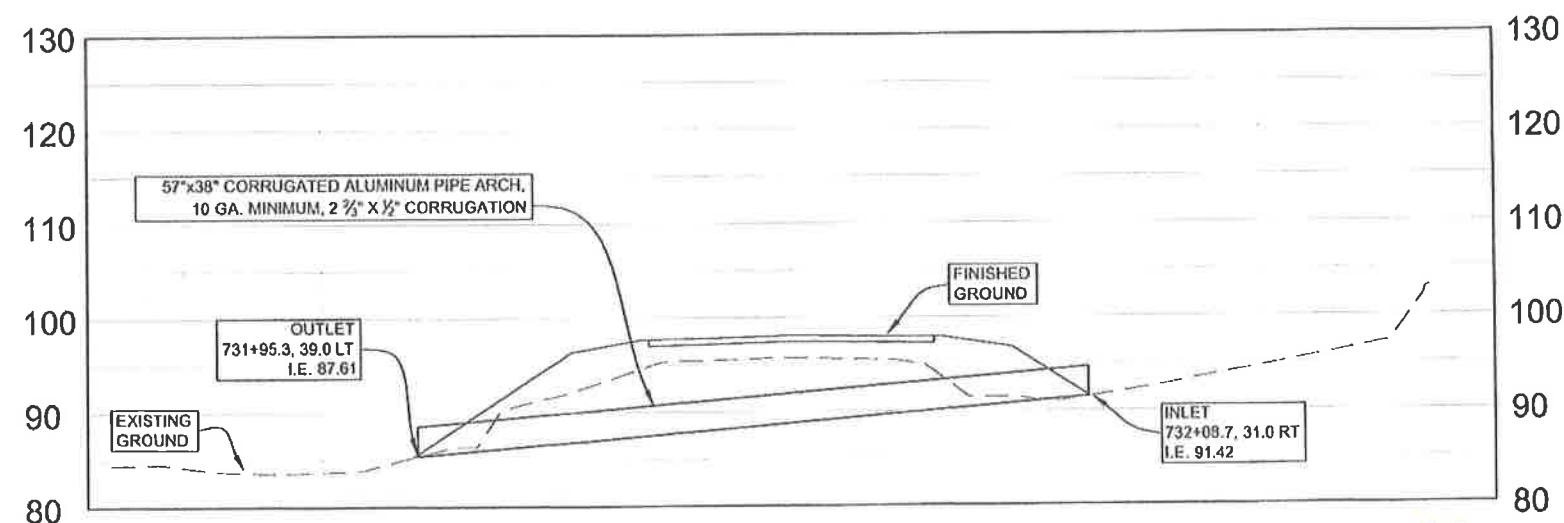
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE YEAR
ALASKA 2012

SHEET NUMBER TOTAL SHEETS
H4 73



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
HWYCL ELEV, FT	98
INLET INVERT ELEV, FT	91.42
OUTLET INVERT ELEV, FT	85.36
Hw/D RATIO, Q50	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 REQ TO OVERTOP ROADWAY, CFS	118	
ROADWAY OVERTOPPING RECCURANCE PROBABILITY	>Q500	

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

WEAVER, JON M (DOT)
TAB: J1

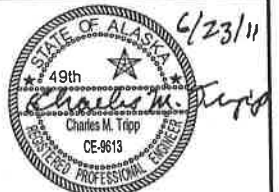
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

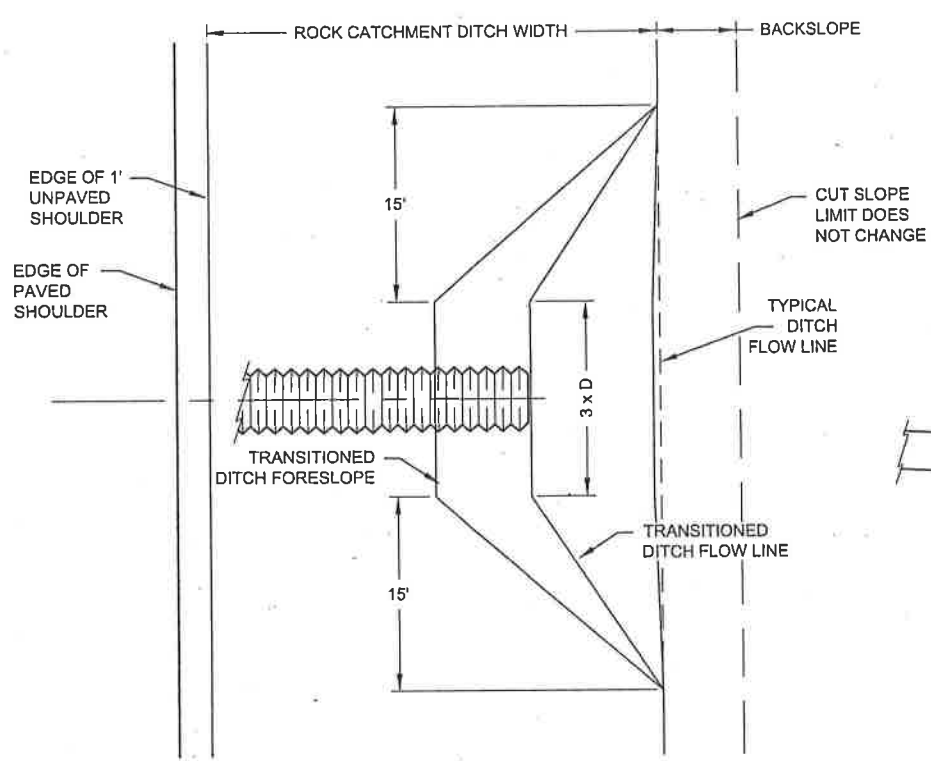
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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

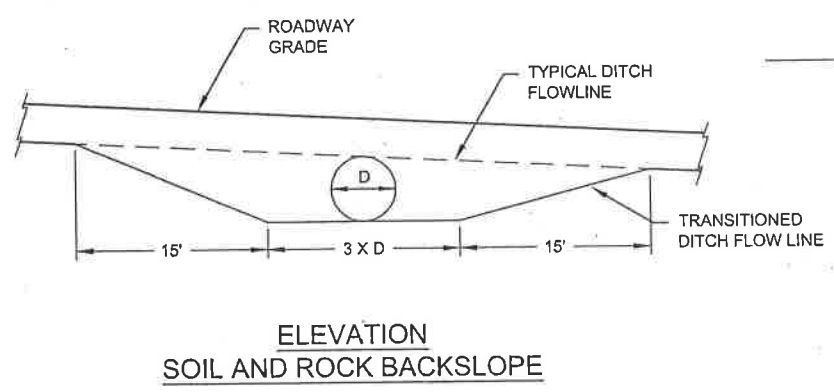
MISCELLANEOUS
DETAILS

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

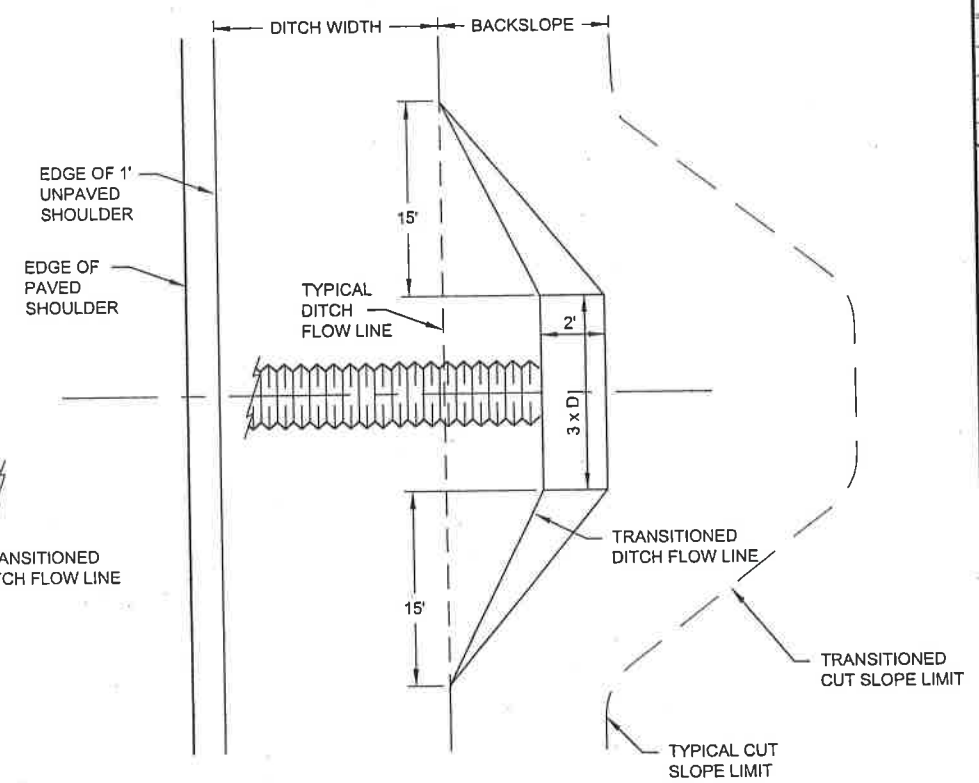
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J1	73



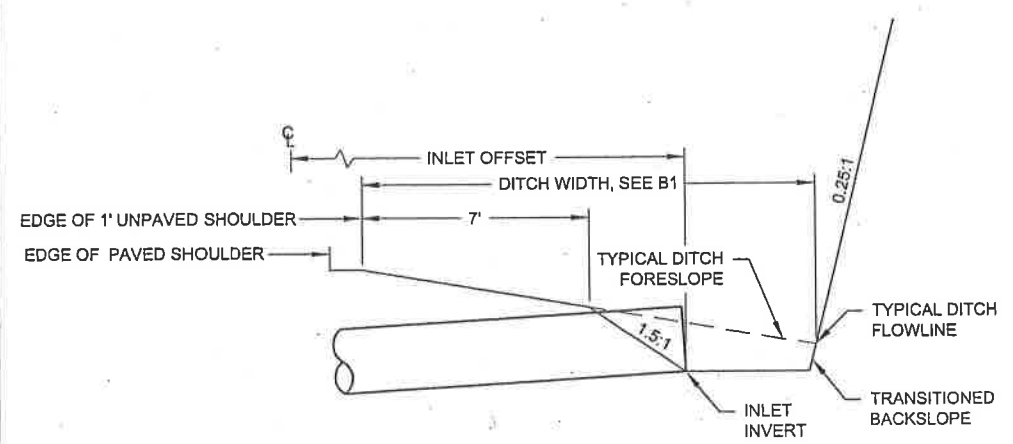
PLAN - ROCK BACKSLOPE



ELEVATION
SOIL AND ROCK BACKSLOPE



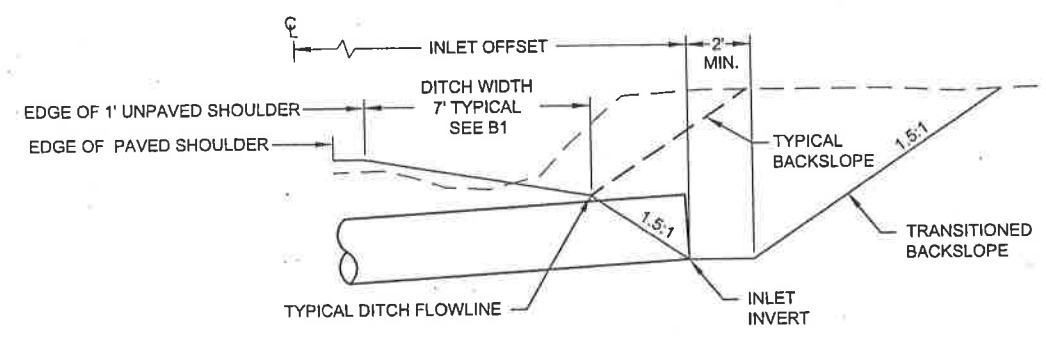
PLAN - SOIL BACKSLOPE



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

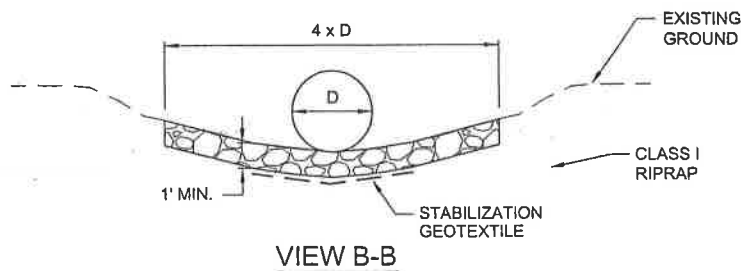


SECTION - SOIL BACKSLOPE

HILLSIDE INLET DETAILS

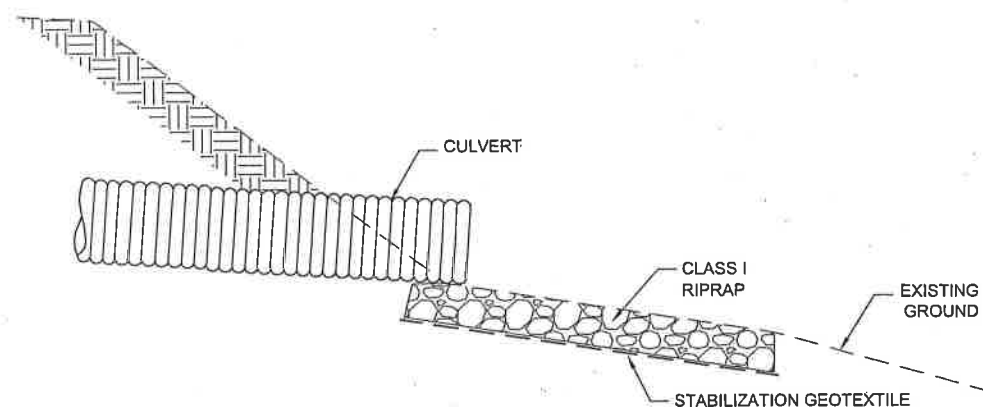
Record Drawings have been reviewed
by the Project Engineer, and represent
to the best of my knowledge, the
project as constructed.
PE *J. Weaver* Date 7/15/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

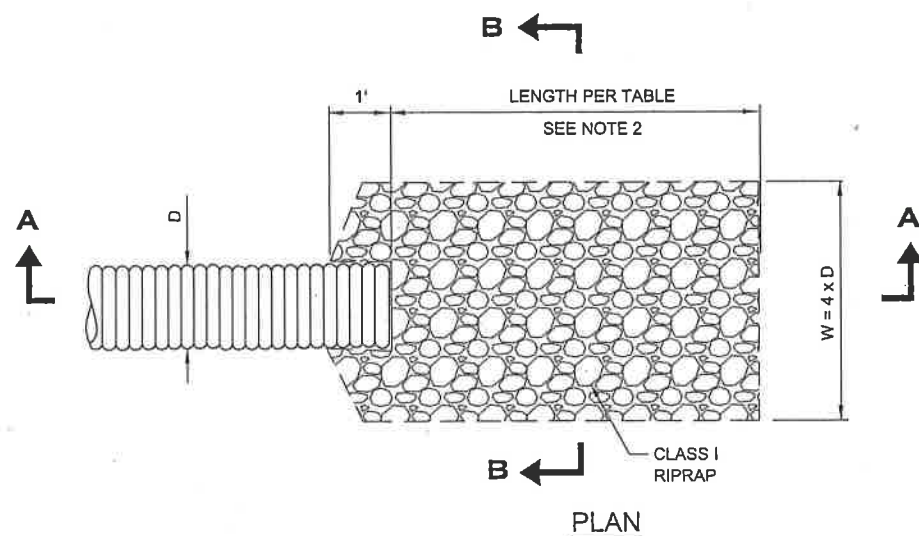


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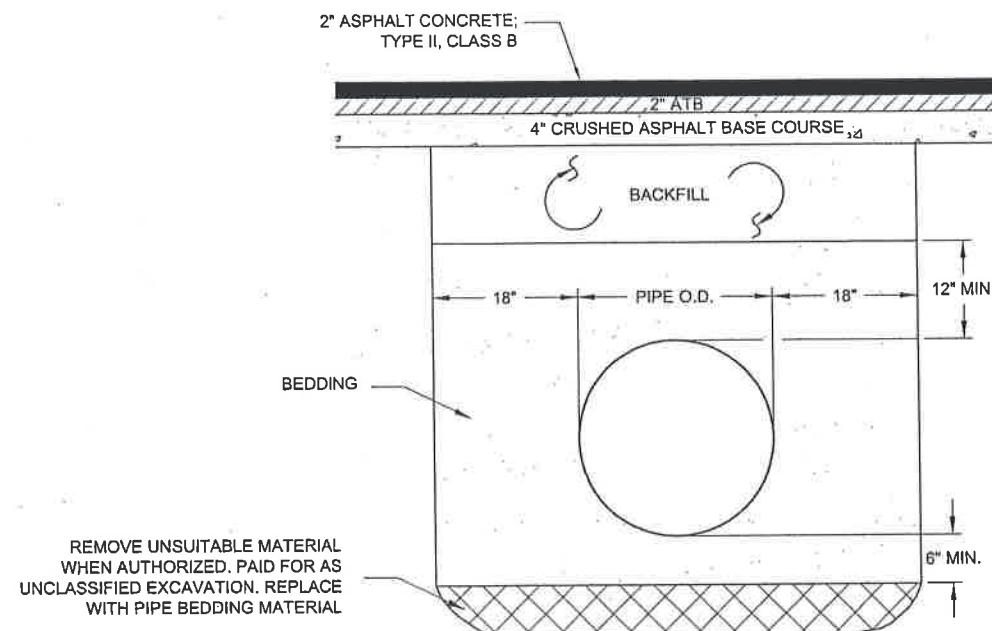
1. FOR CULVERT LOCATIONS AND REPLACEMENT SEE SHEET D1.
2. SEE RIPRAP LINED OUTLET SUMMARY ON SHEET D1



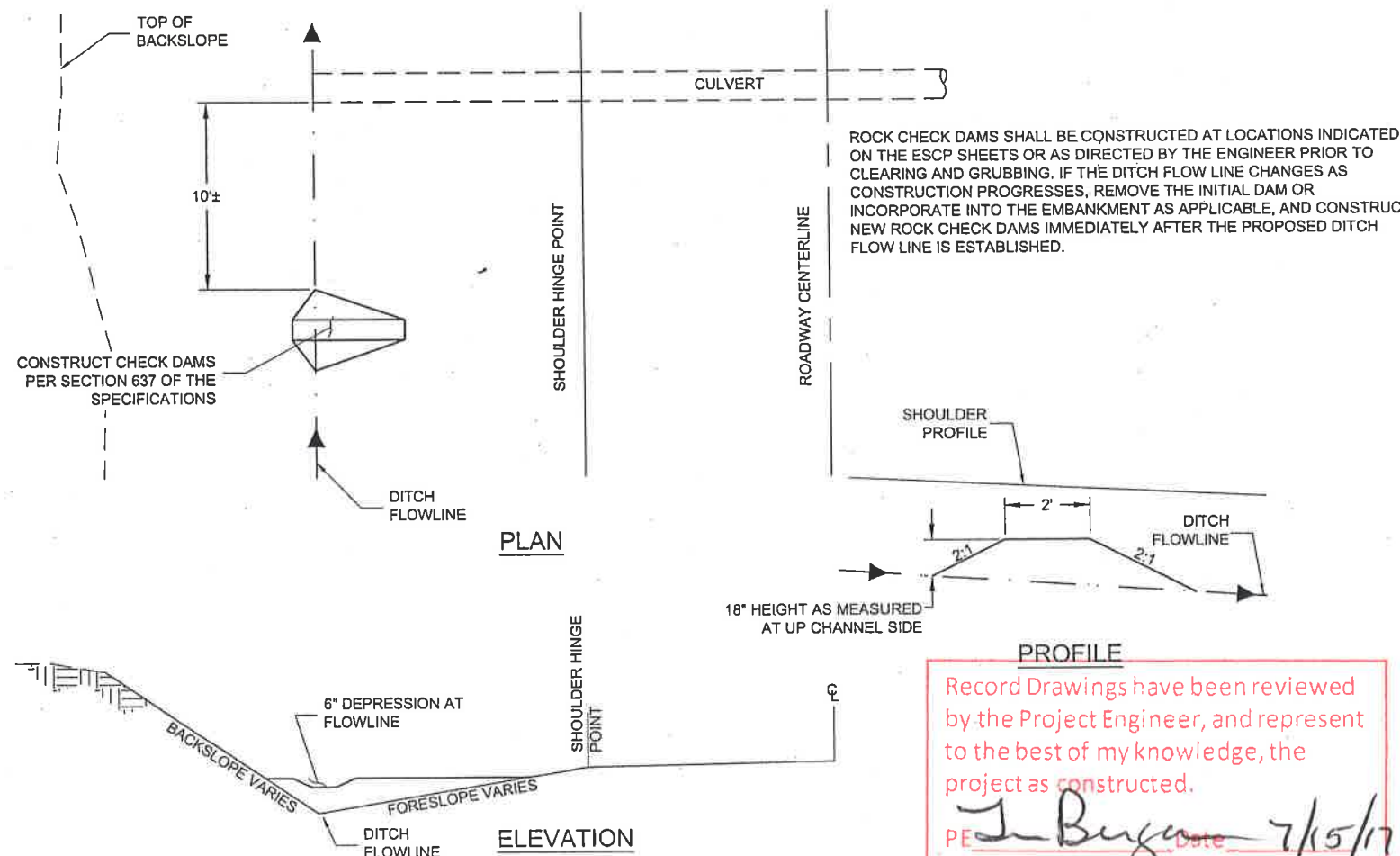
SECTION A-A



RIPRAP LINED OUTLET APRON DETAIL



CULVERT BEDDING/BACKFILL DETAIL



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

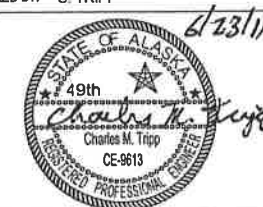
PE *J. Bugan* Date *7/15/17*

ROCK CHECK DAM DETAILS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

No.	DATE	DESCRIPTION

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

**MISCELLANEOUS
DETAILS**

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J2	73

WEAVER, JON M (DOT)

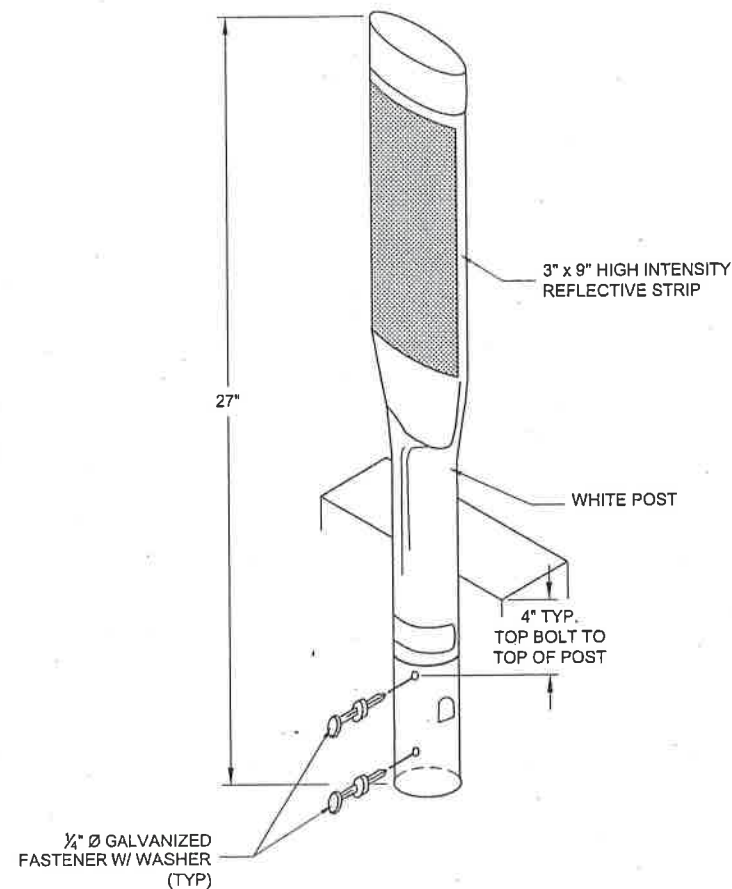
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

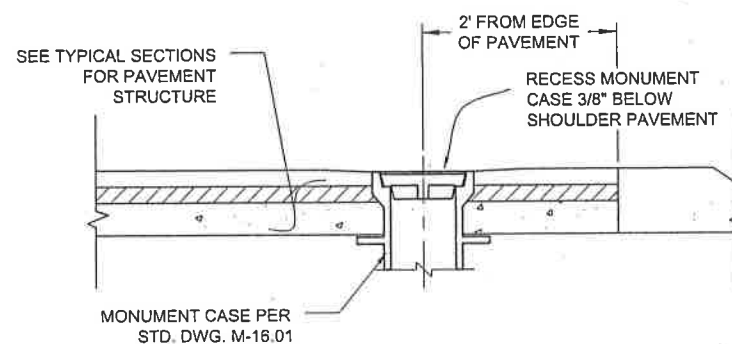
No.	DATE	DESCRIPTION



FLEXIBLE GUARDRAIL DELINEATOR NOTES:

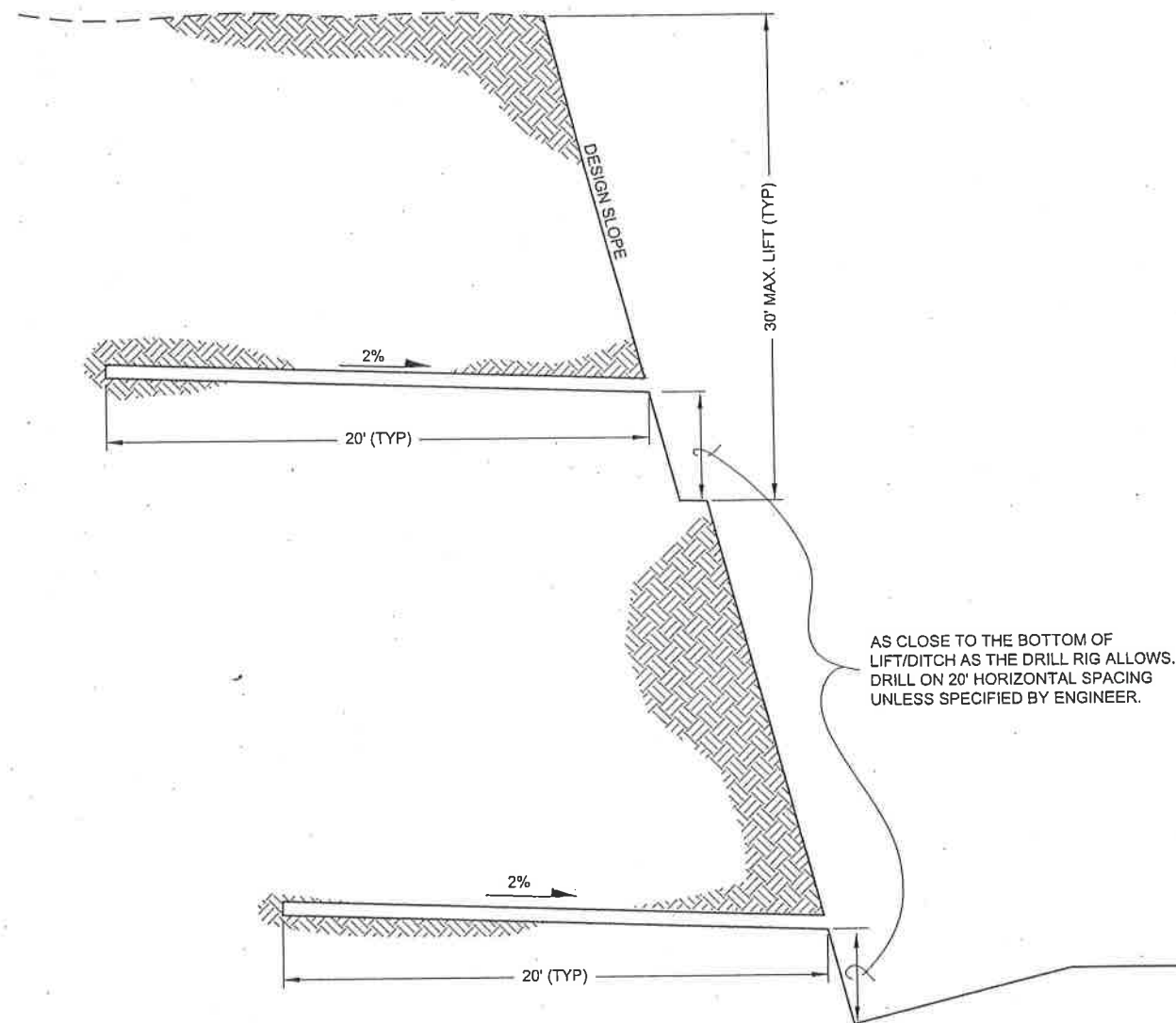
1. DELINEATORS SHALL BE WHITE IN COLOR WITH WHITE OR SILVER REFLECTIVE SHEETING.
2. REFLECTIVE SHEETING SHALL FACE ONCOMING TRAFFIC IN THE ADJACENT LANE.
3. DELINEATORS SHALL BE INSTALLED ON THE POST CLOSEST TO THE HEAD OF PARALLEL GUARDRAIL TERMINALS AND THE CRT ANCHOR POST AT DOWNSTREAM END ANCHORS.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

FLEXIBLE GUARDRAIL DELINEATOR DETAIL



MONUMENT ENCASEMENT DETAIL

REFER TO SUMMARY TABLES FOR APPROXIMATE LOCATIONS

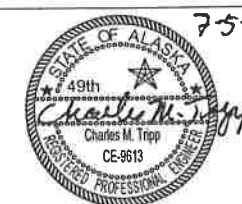


ROCK SLOPE DRAIN HOLE DETAIL

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

PE Jon Burger Date 7/15/17

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

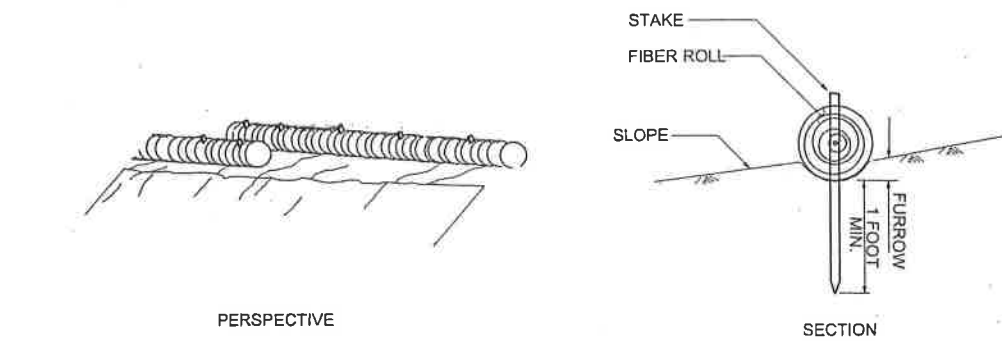
MISCELLANEOUS DETAILS

PROJECT DESIGNATION

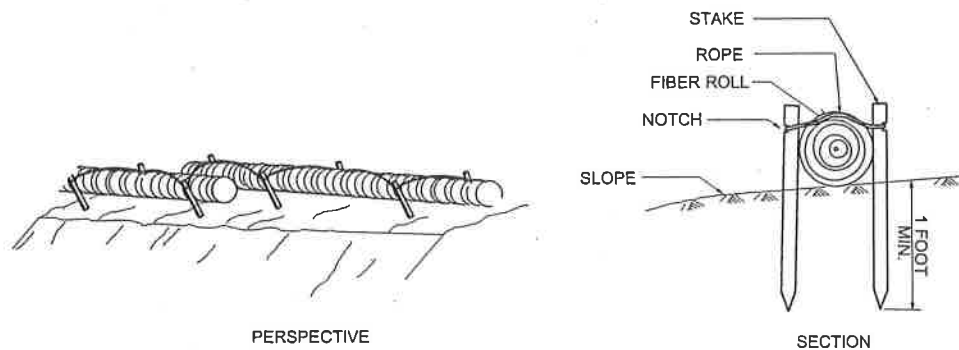
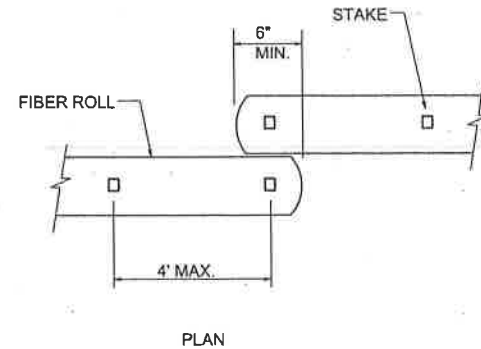
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J3	73

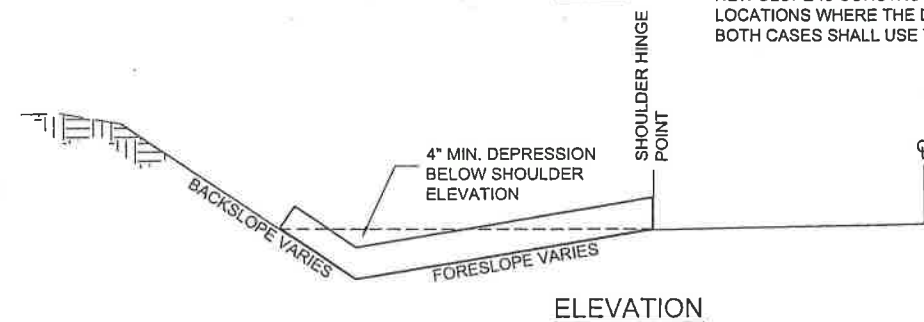
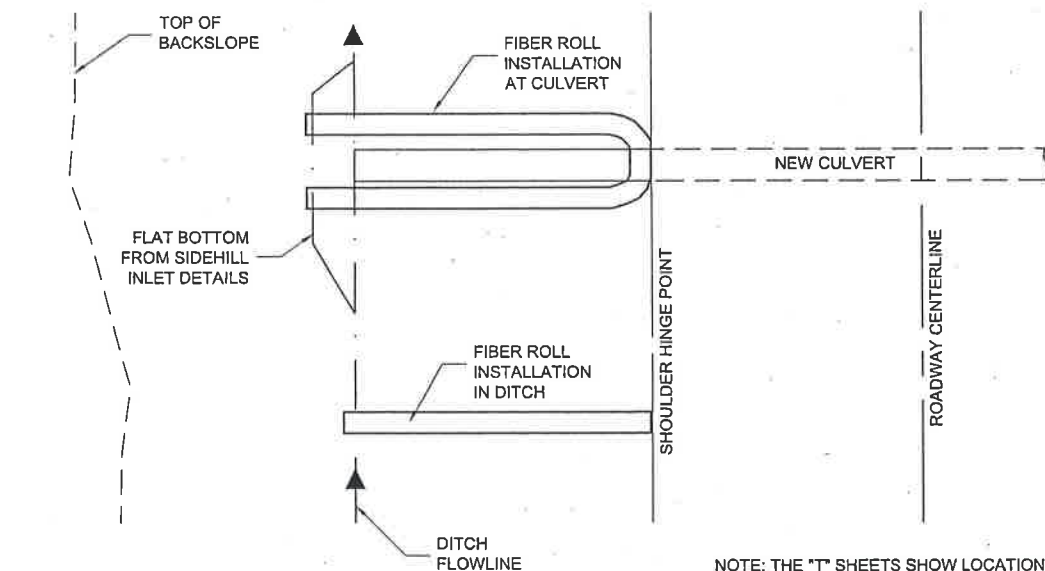
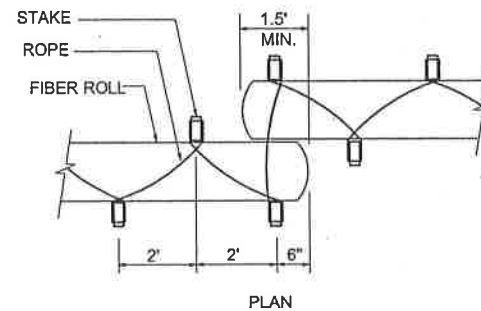
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



FIBER ROLL (TYPE 1)

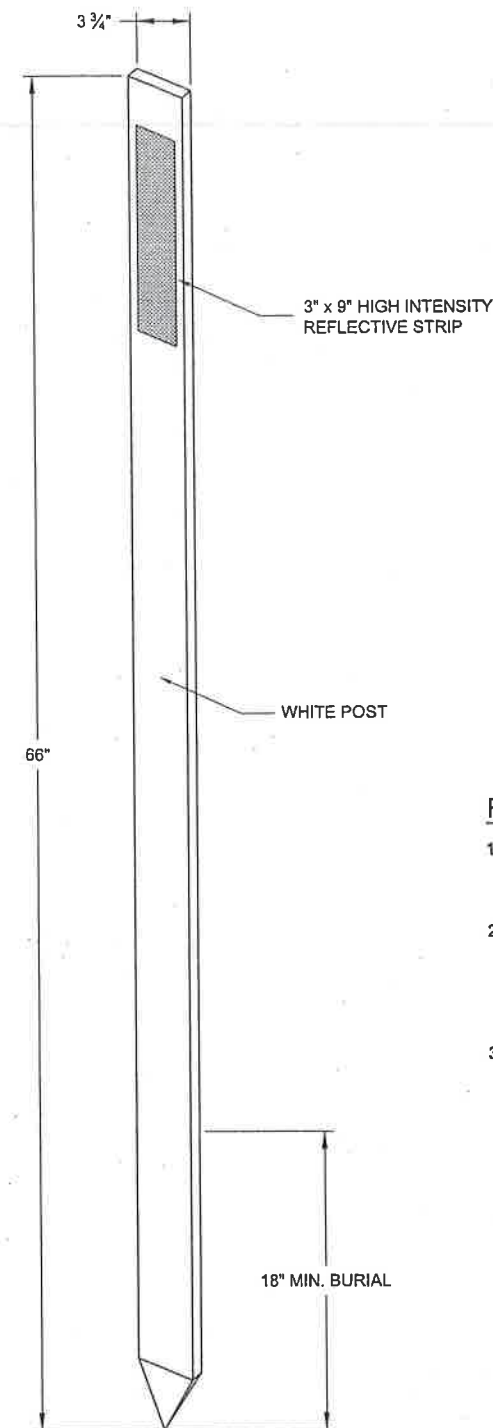


FIBER ROLL (TYPE 2)



FIBER ROLL DETAILS
WHERE FIBER ROLL IS USED IN DITCHES

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.



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 *Tim Binger* Date *7/15/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\UNU\67526\PLANSET\3D
PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)
TAB: J4

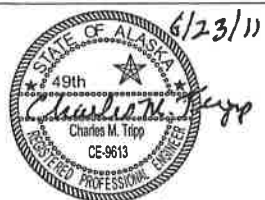
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



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

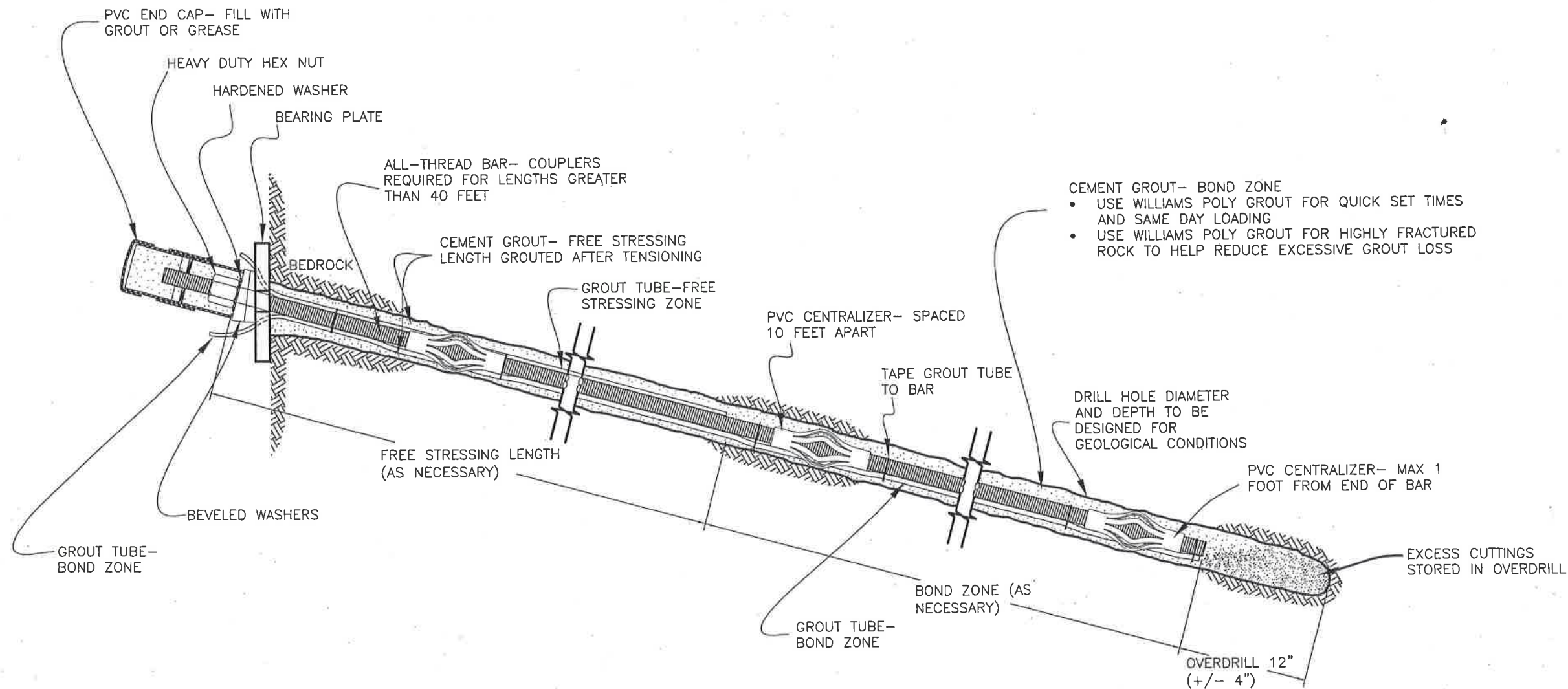
WEAVER, JON M (DOT)
TAB: J5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



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:

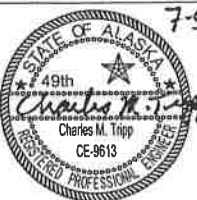
- ALL ROCK BOLT LOCATIONS, ROCK BOLT LENGTHS, BOND ZONE LENGTHS, AND DRILL HOLE ORIENTATION WILL BE PROVIDED BY THE REGIONAL ENGINEERING GEOLOGIST UPON REQUEST OF THE PROJECT ENGINEER.
- OVERDRILL HOLES ONE FOOT TO ALLOW DRILL CUTTINGS TO SETTLE.
- DRILL HOLE DIAMETER SHALL BE AT LEAST 2 INCHES GREATER 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 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 *J. Burger* Date *7/15/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

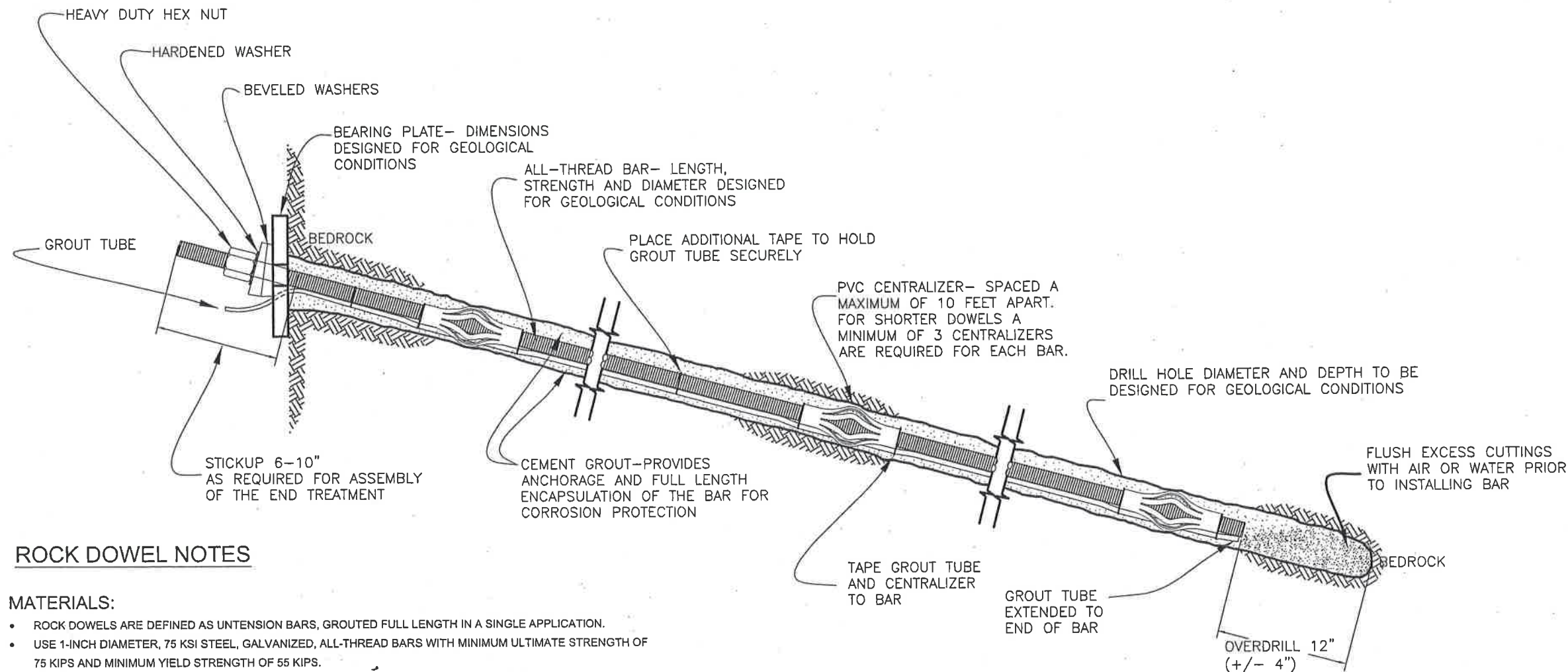
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

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.

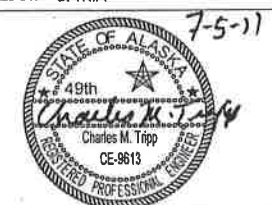
INSTALLATION:

- 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 *[Signature]* Date 7/15/17

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

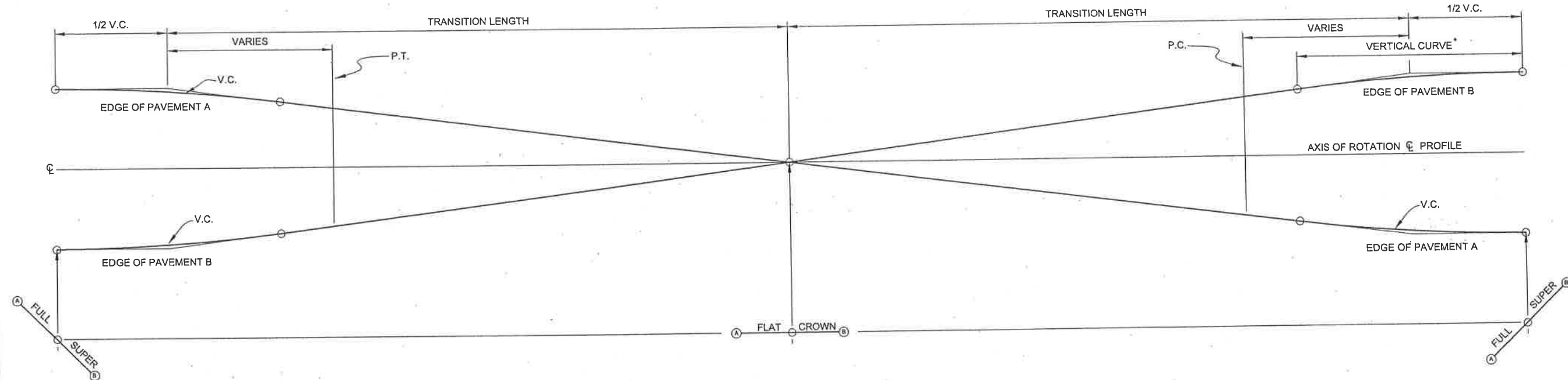
MISCELLANEOUS DETAILS

PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J6	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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. Berger* Date 9/19/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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PLANSET\67526 J1-J7 MISC DETAILS.DWG

WEAVER, JON M (DOT)
TAB: J7

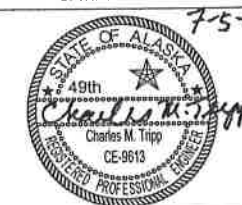
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP



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

WEAVER, JON M (DOT)
TAB: J8

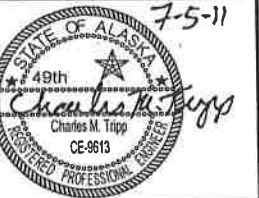
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CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

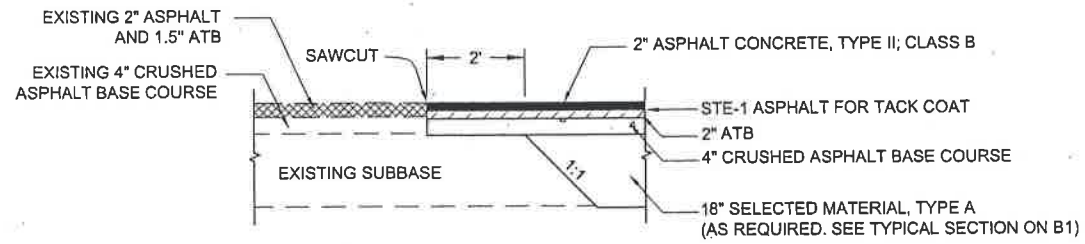
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

MISCELLANEOUS
DETAILS

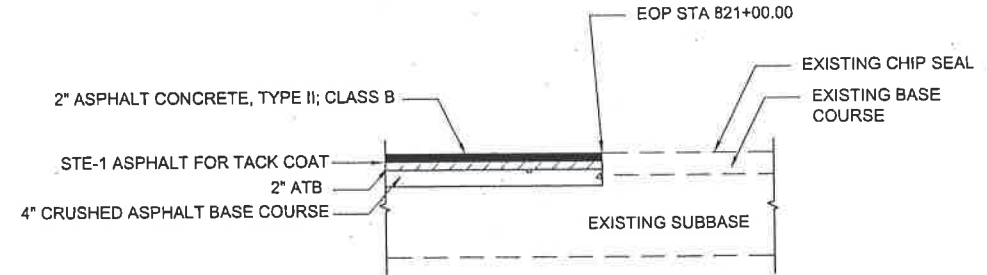
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J8	73



PAVEMENT MATCH JOINT DETAIL
BEGINNING OF PROJECT



PAVEMENT MATCH JOINT DETAIL
END OF PROJECT

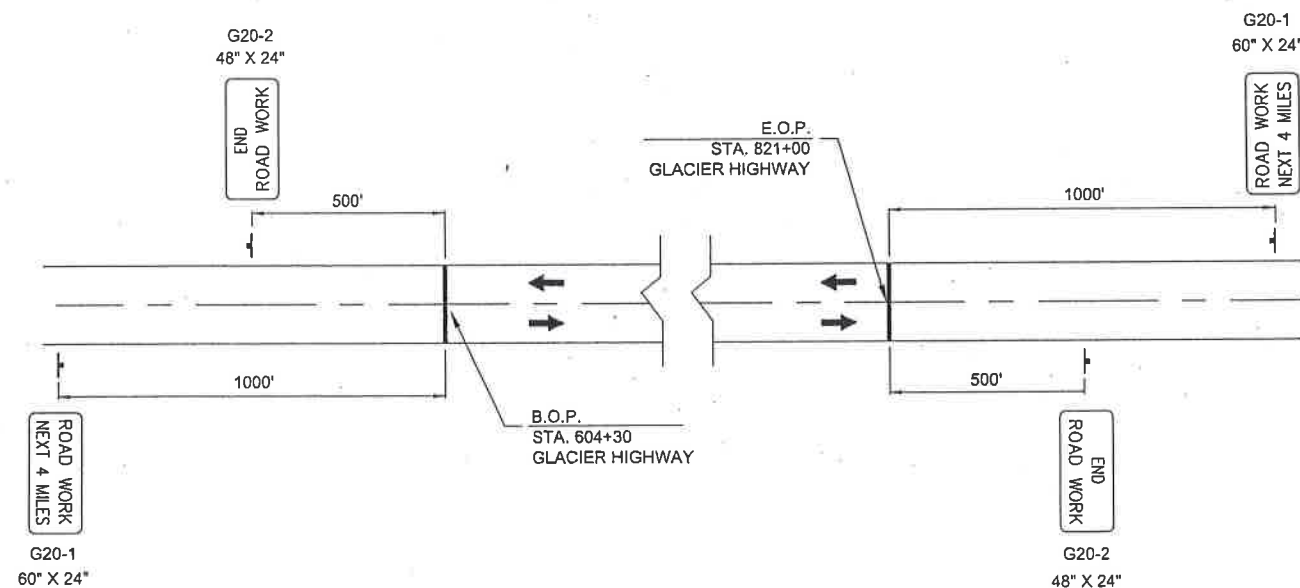
Record Drawings have been reviewed
by the Project Engineer, and represent
to the best of my knowledge, the
project as constructed.

PE *L. Burger* Date *9/17/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

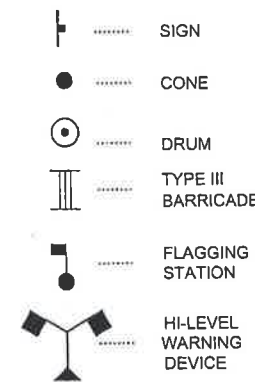
TRAFFIC CONTROL NOTES

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 SWEEPED CLEAN BEFORE OPENING TO TRAFFIC.



PERMANENT CONSTRUCTION SIGNING

TCP LEGEND



FORMULAS FOR L (TAPER LENGTH)

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

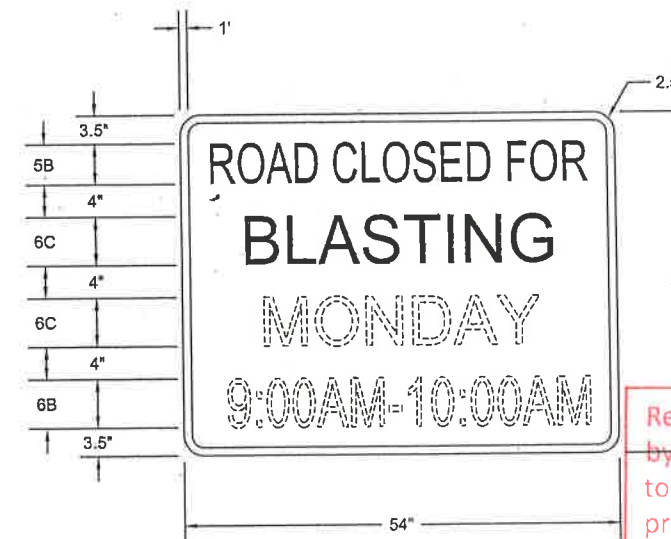
$$45 \text{ MPH OR GREATER} \quad L = W \times S$$

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



Record Drawings have been reviewed
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to the best of my knowledge, the
project as constructed.

PE *J. Bug* Date *1/17/17*

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:\JUN16\7526\PLANS\TC3D
PLANSET\67526 S1-S3 TCP.DWG

WEAVER, JON M (DOT)
TAB: S1

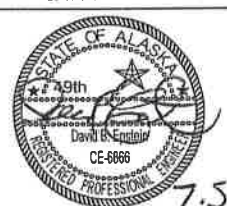
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CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

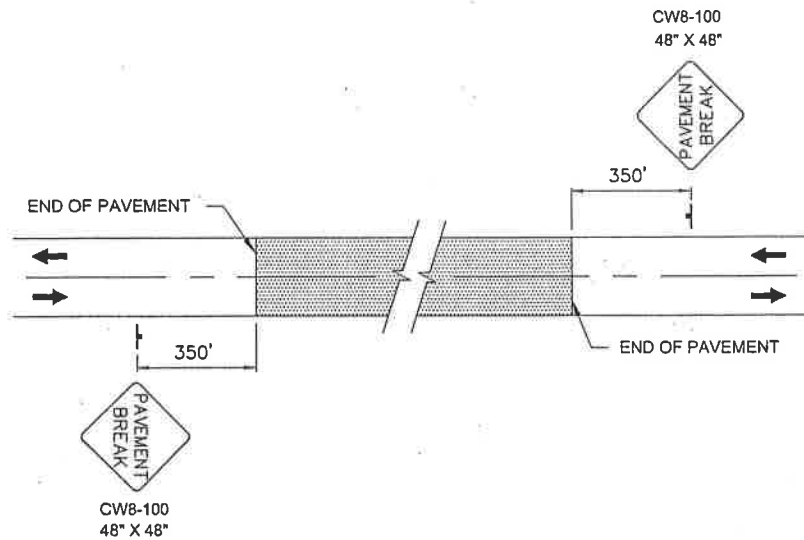
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

TRAFFIC CONTROL PLAN

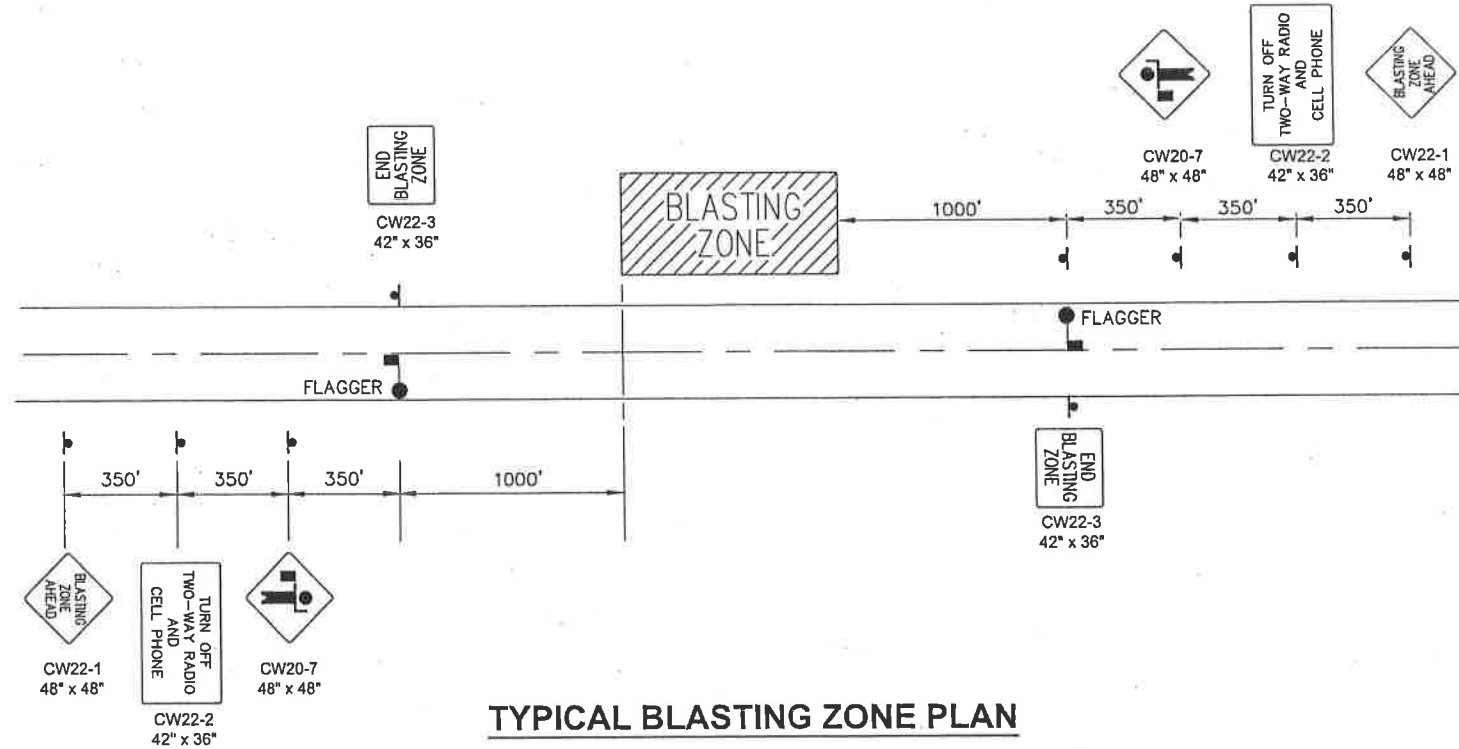
PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

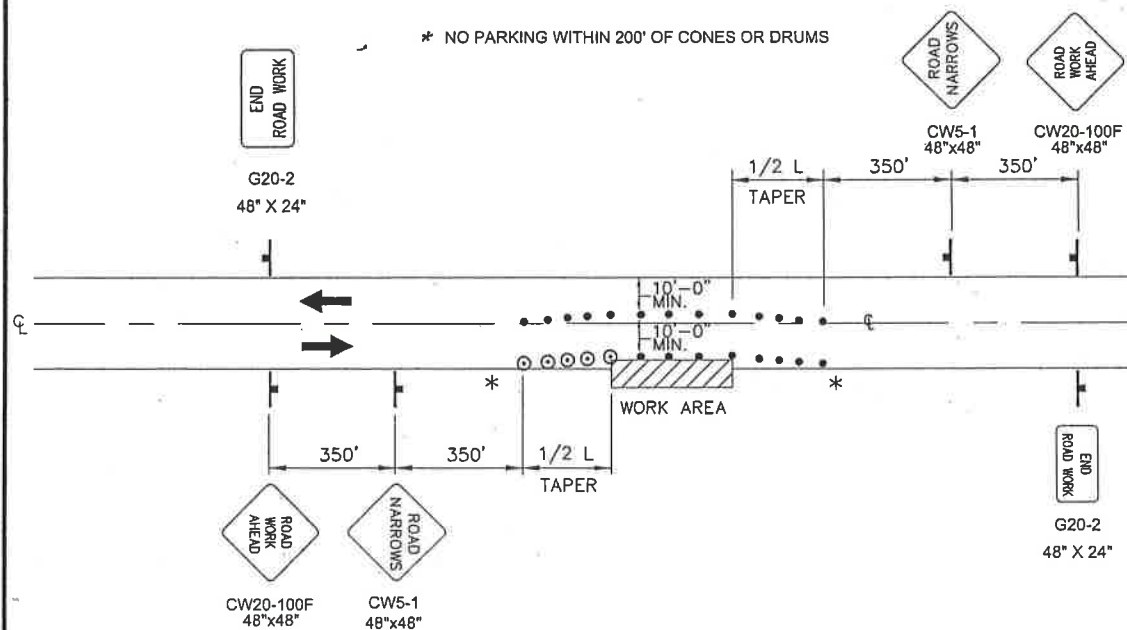
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
S1	73



SIGNING FOR UNPAVED AREA

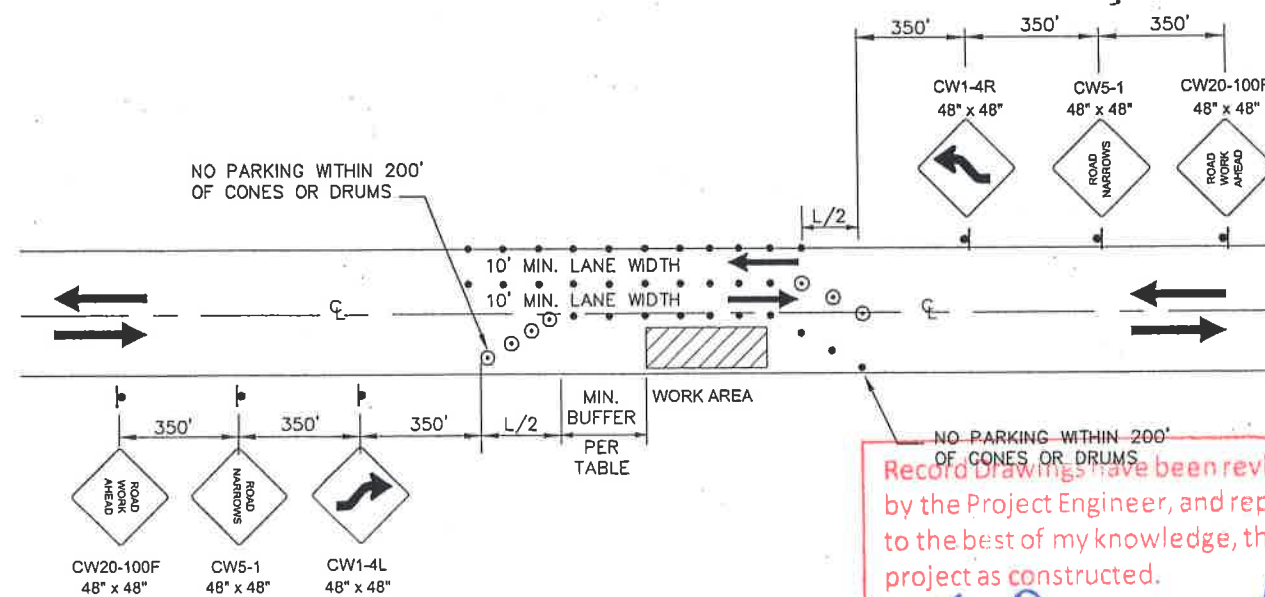


TYPICAL BLASTING ZONE PLAN



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 *Jim Berger* Date *2/17/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUNU67526\PLANSET\IC3D
PLANSET67526 S1-S3 TCP.DWG

WEAVER, JON M (DOT)
TAB: S2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

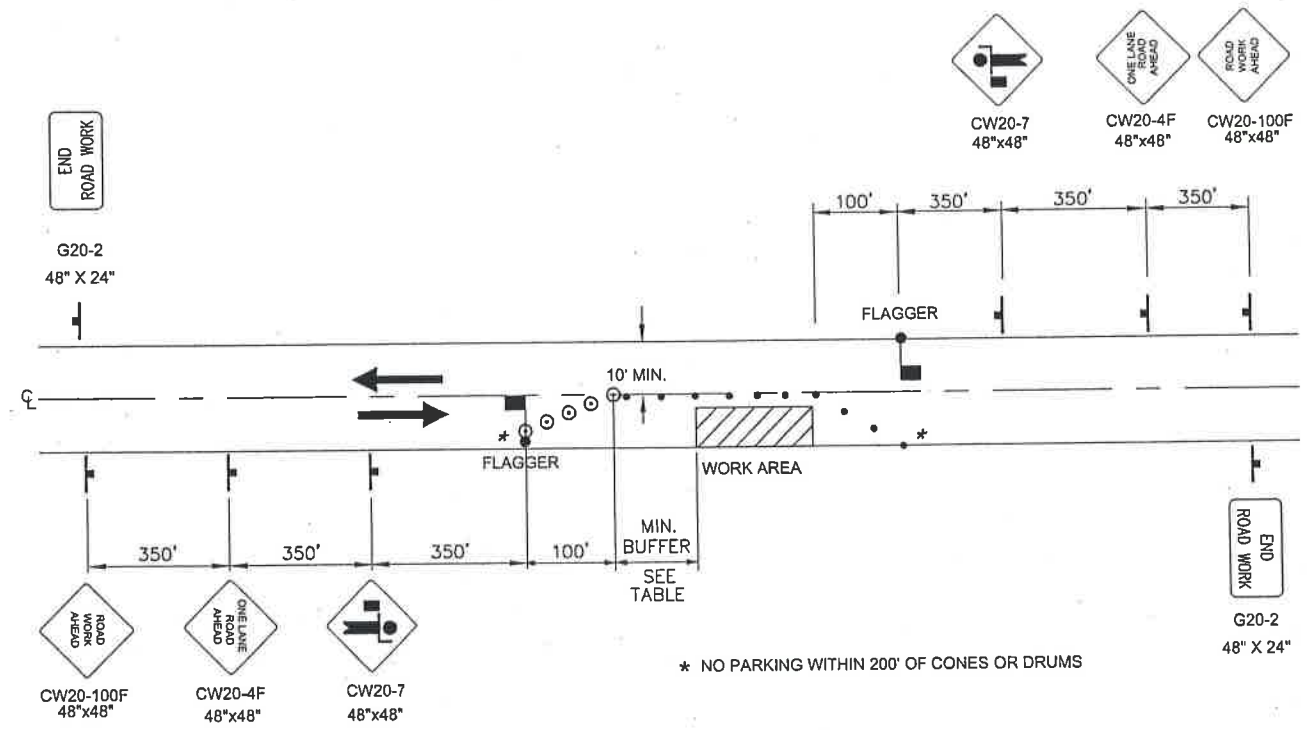
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

TRAFFIC CONTROL PLAN

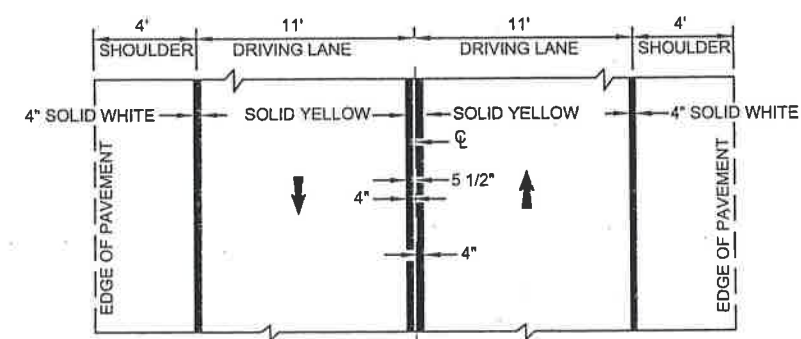
PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011

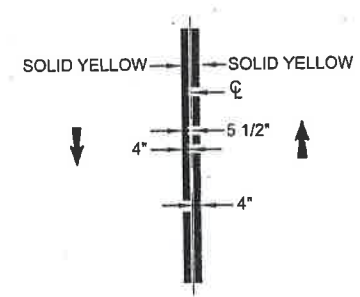
SHEET NUMBER	TOTAL SHEETS
S2	73



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 *J. Burger* Date *2/17/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

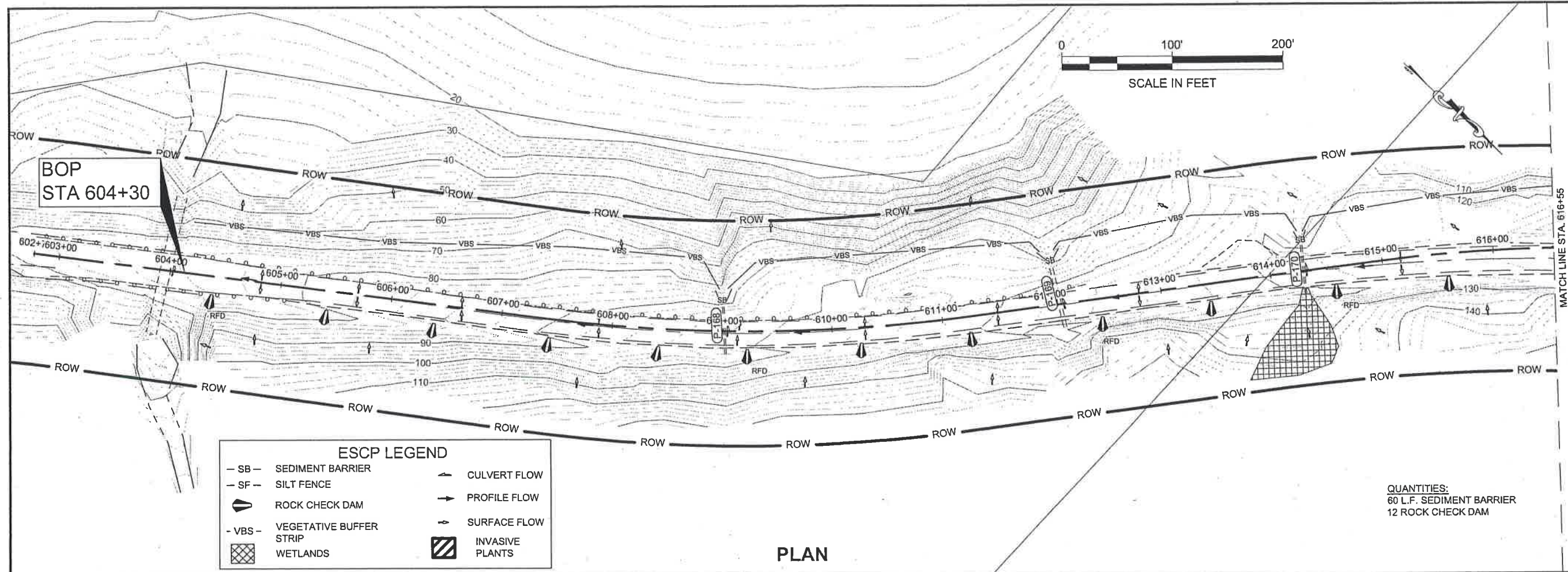
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 TAB: S3

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ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

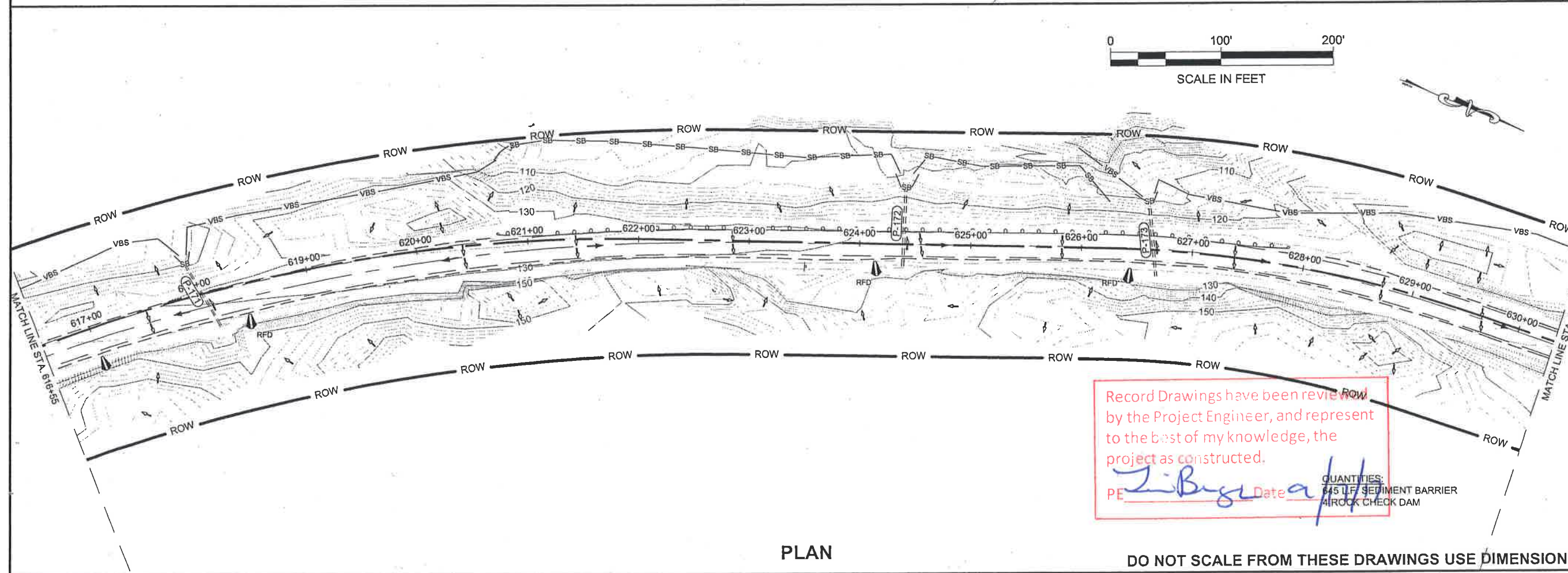
CHECKED BY: C. TRIPP

 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
TRAFFIC CONTROL PLAN
 PROJECT DESIGNATION
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
S3	73



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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WEAVER, JON M (DOT)
TAB: T1

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

ADDENDUM NUMBER

ATTACHMENT NUMBER

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

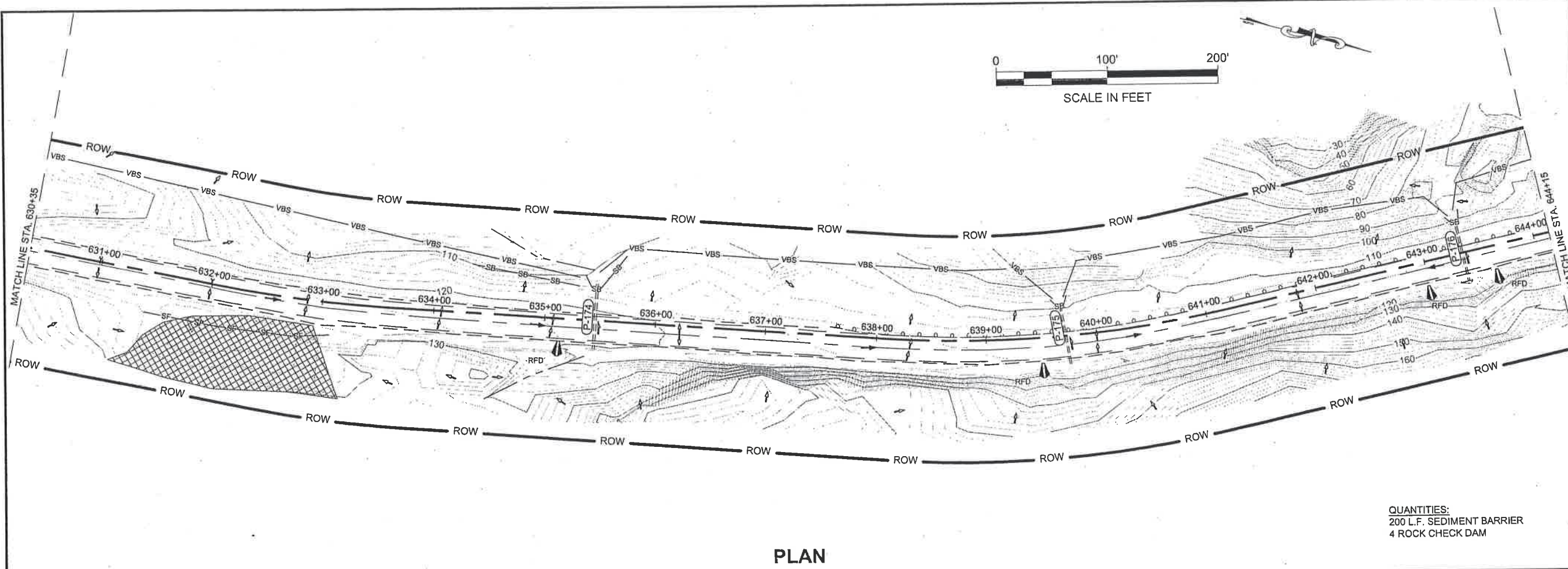
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

**ESCP
FOR CLEARING AND GRUBBING PHASE**

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

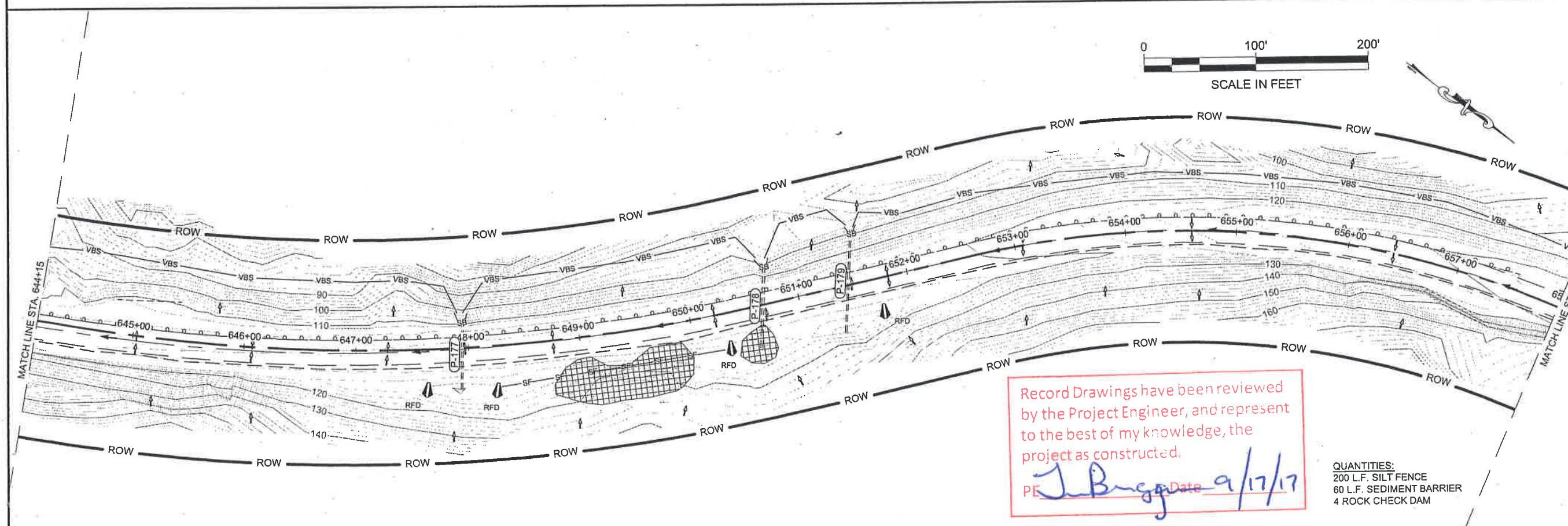
STATE	YEAR
ALASKA	2011

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 *J. Buggs* 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:\JUNI167526\PLANSET\T3\PLANSET1T-EXISTING.DWG
 WEAVER, JON M (DOT)
 TAB: T2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

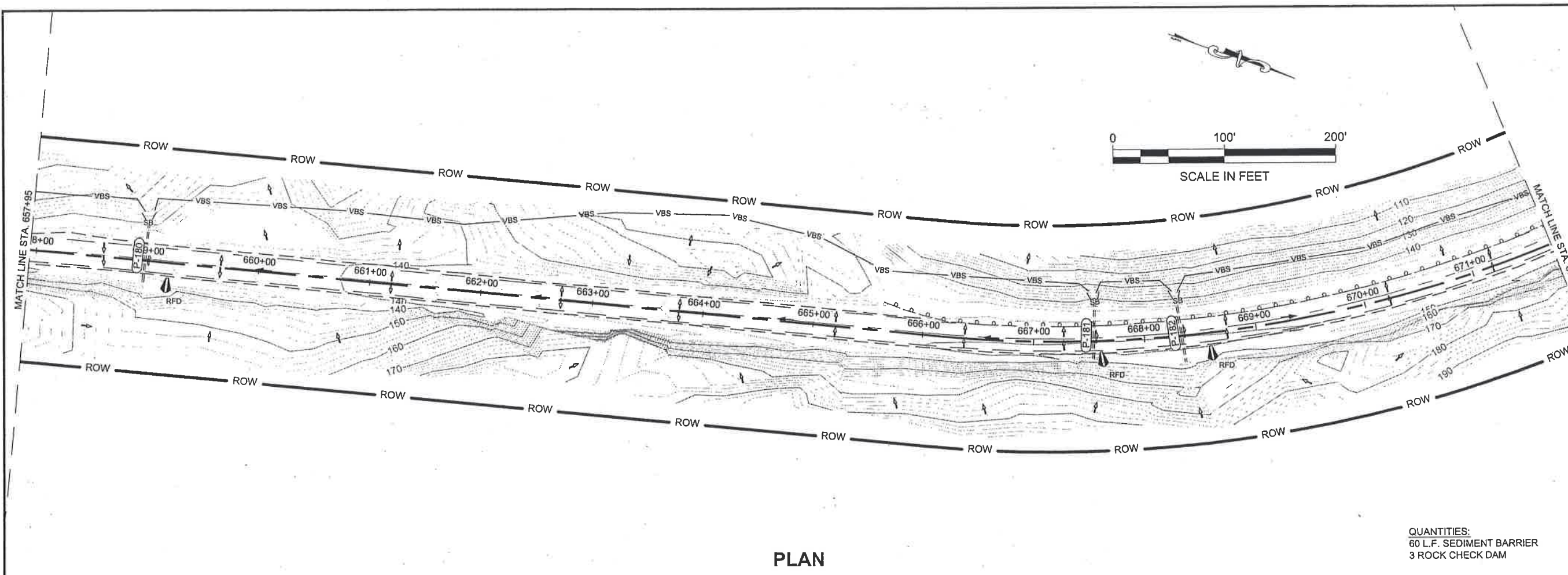
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

**ESCP
FOR CLEARING AND
GRUBBING PHASE**

PROJECT DESIGNATION

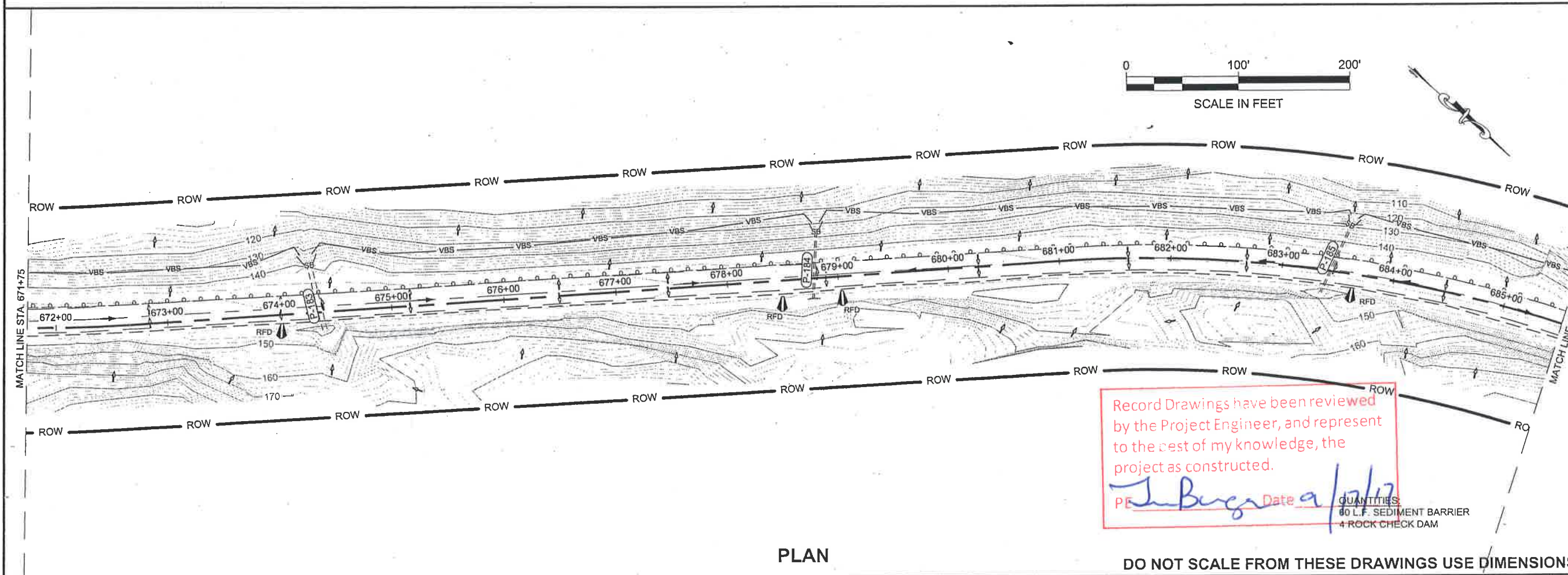
ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T2	73



PLAN

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



PLAN

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 *9/27/17*

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN16\7526\PLANSET\1\3\3D
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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
REGISTERED PROFESSIONAL ENGINEER
CE-9613

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

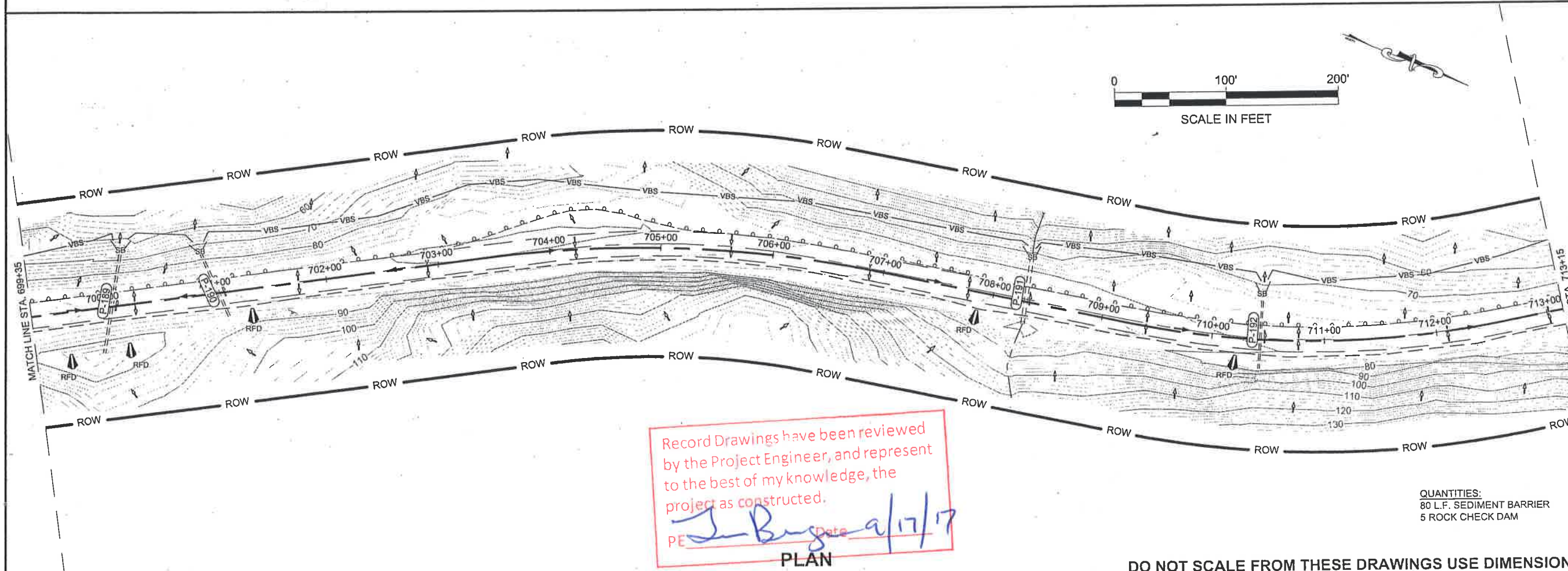
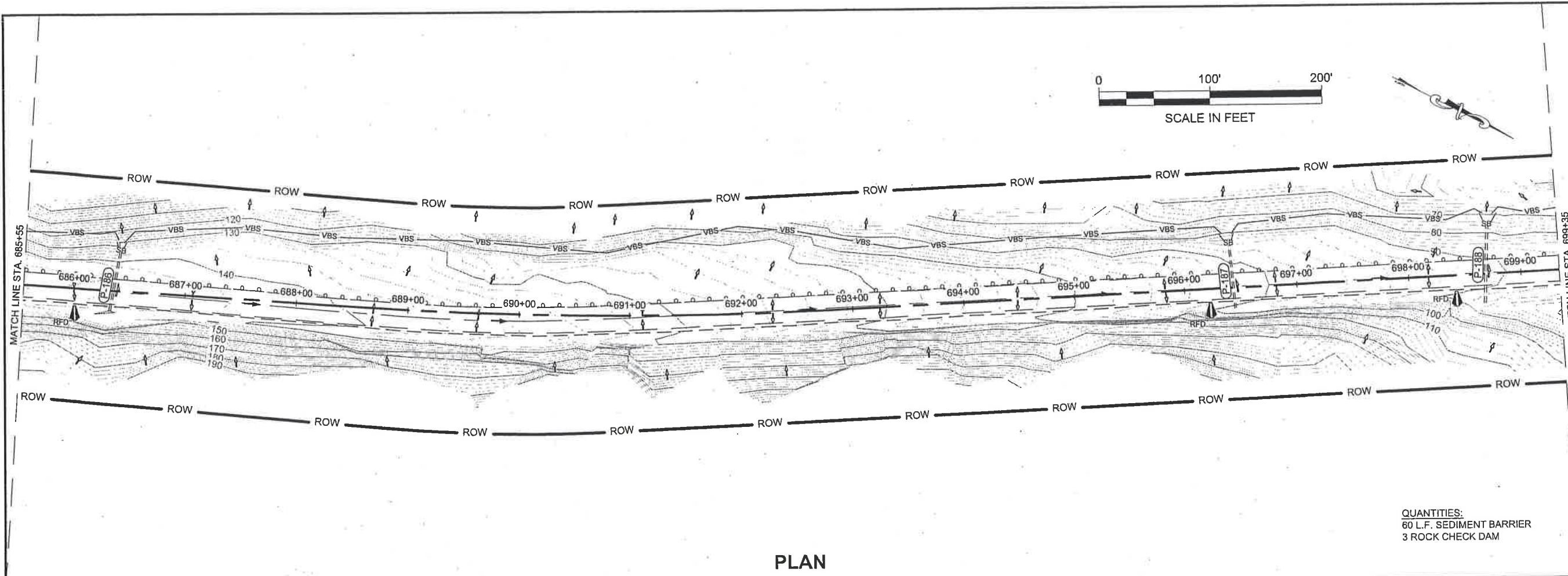
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

**ESCP
FOR CLEARING AND
GRUBBING PHASE**

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T3	73



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

PE *J. Buge* Date *9/17/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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WEAVER, JON M (DOT)

TAB: T4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

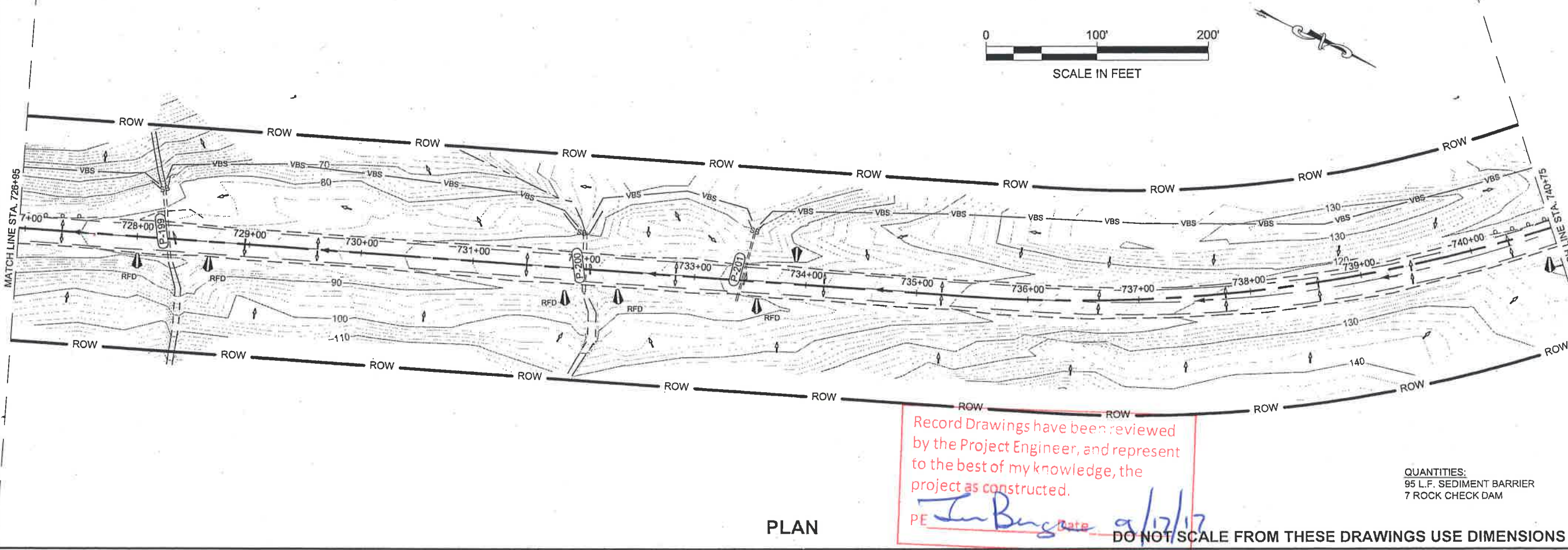
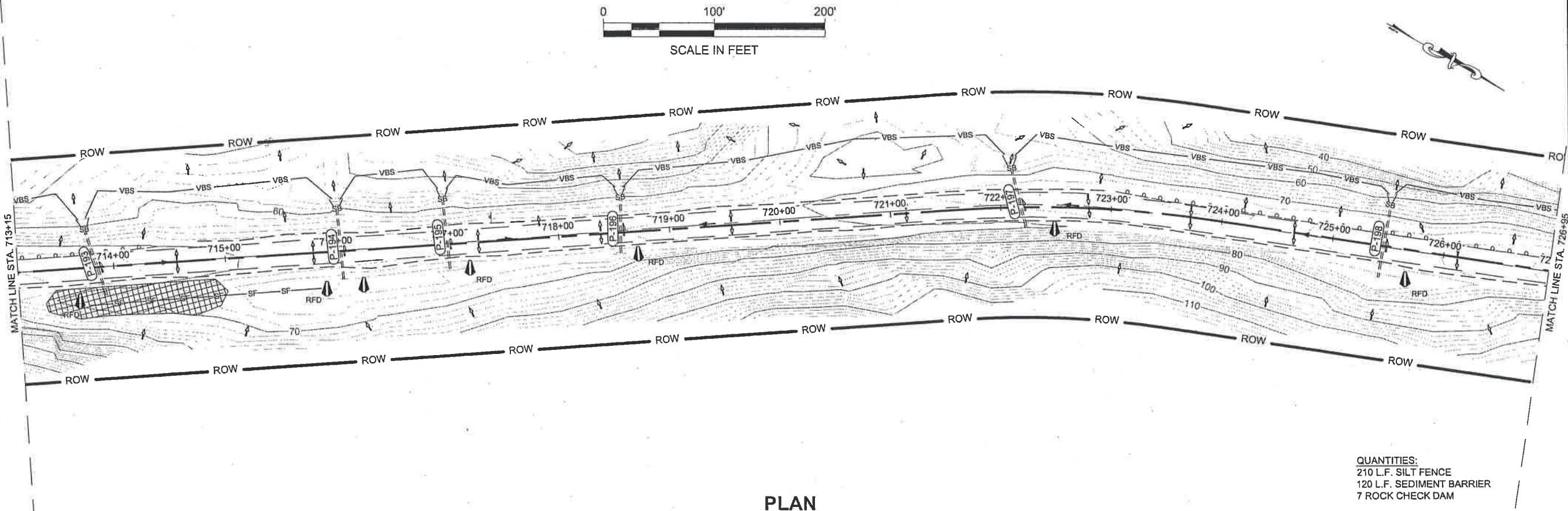
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR CLEARING AND
GRUBBING PHASE

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T4	73



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

PE *Jim Bunge* Date *9/17/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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WEAVER, JON M (DOT)

TAB: T5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

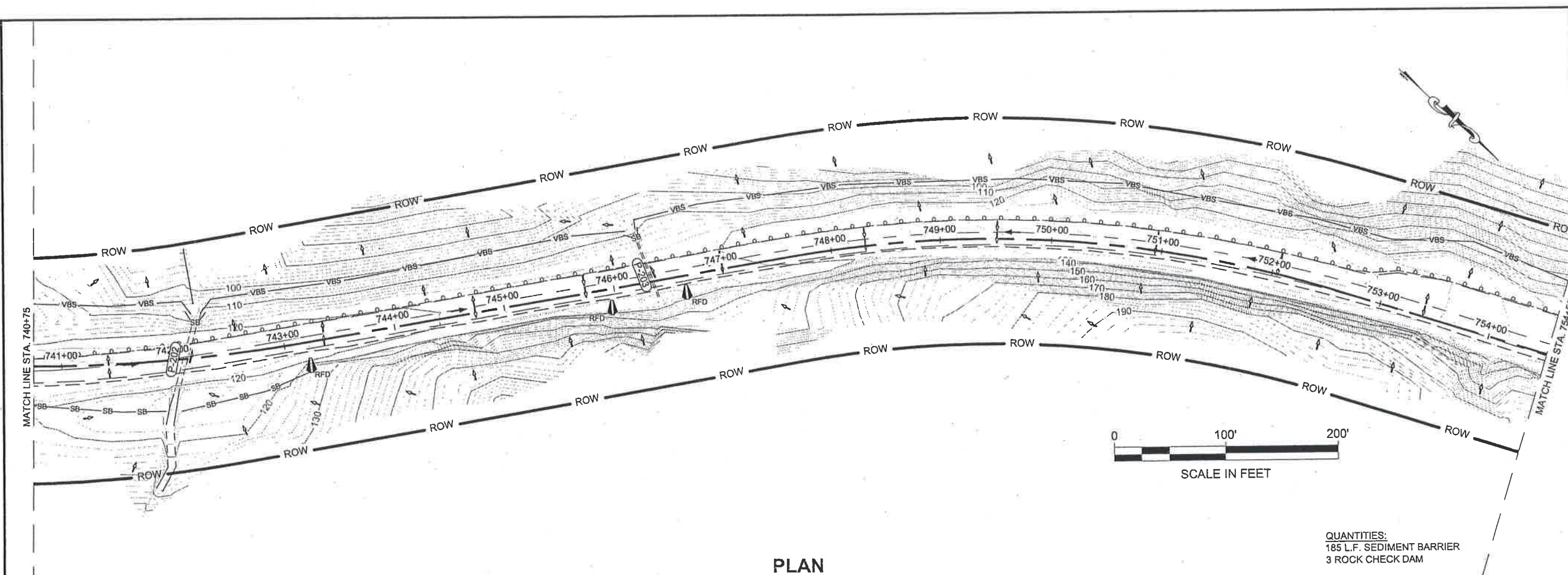
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP
FOR CLEARING AND GRUBBING PHASE

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

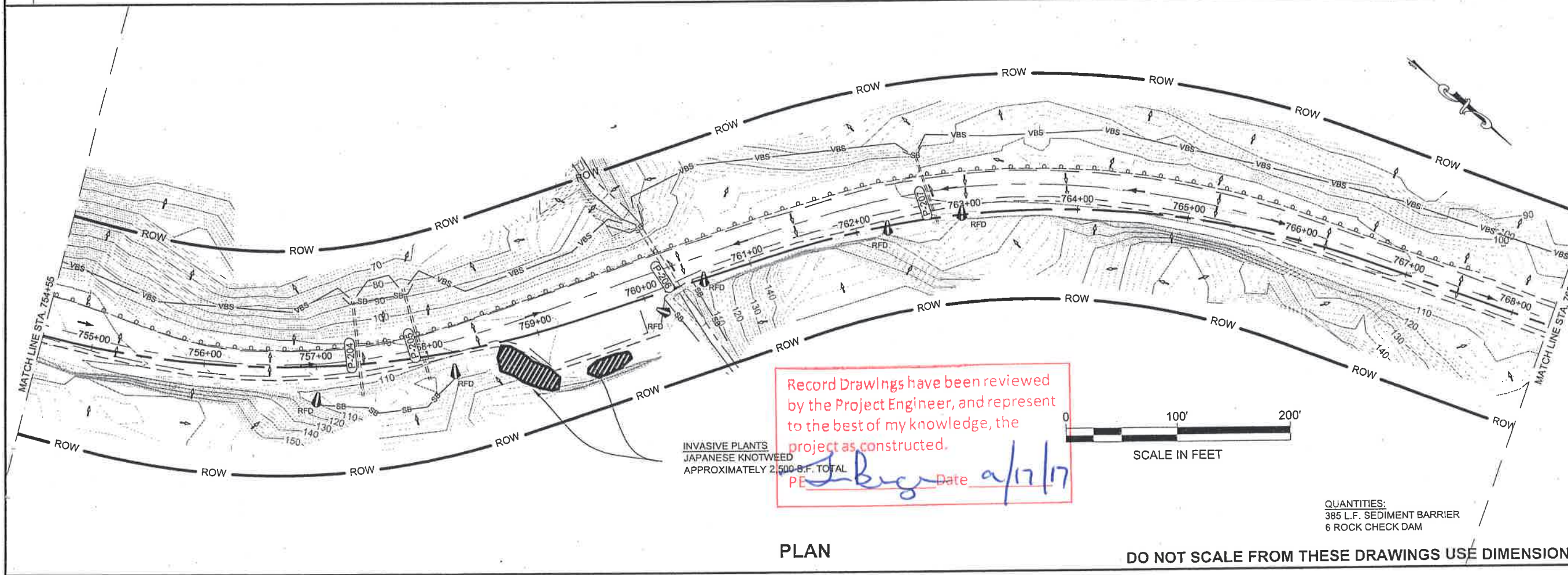
STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T5	73



PLAN

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



PLAN

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUNU\67526\PLANSET\T6.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

Charles M. Tripp

CE-9613

REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

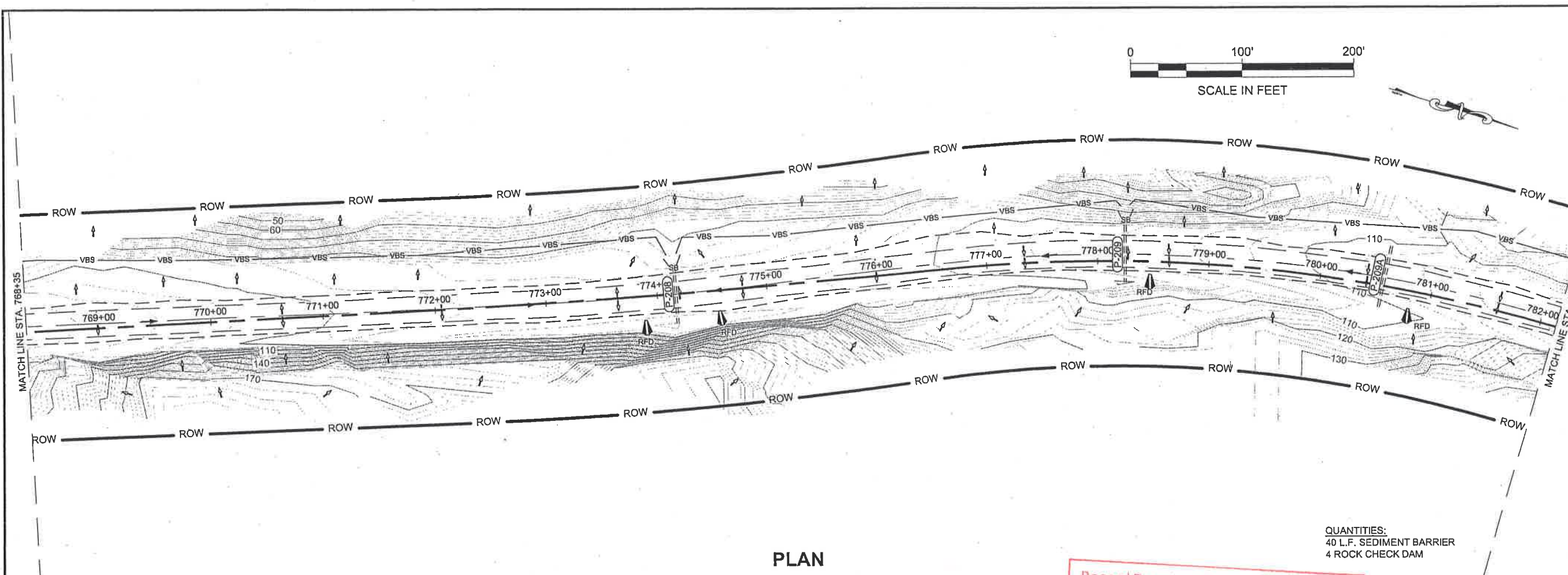
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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

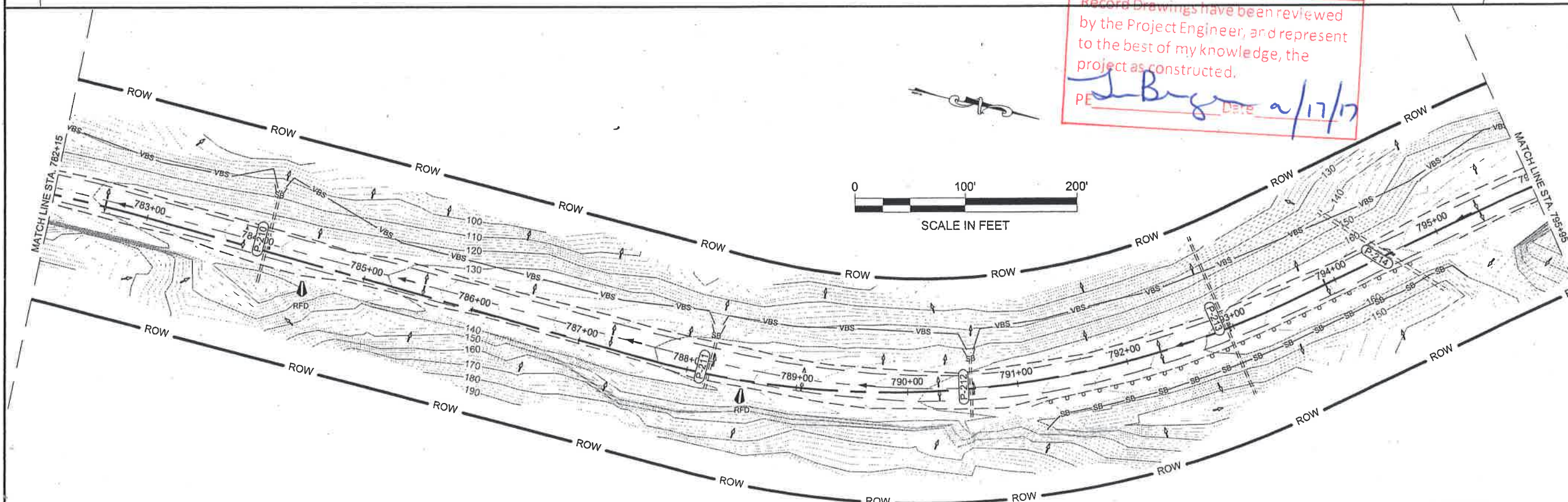
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T6	73



PLAN

QUANTITIES:
40 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 *J. Bryer* Date *2/17/17*



PLAN

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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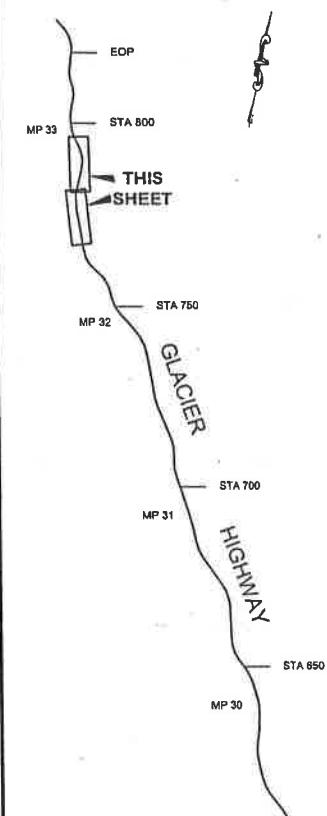
WEAVER, JON M (DOT)
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ADDENDUM NUMBER

ATTACHMENT NUMBER

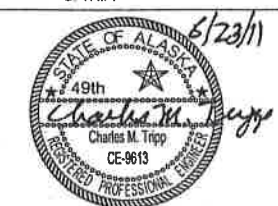
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

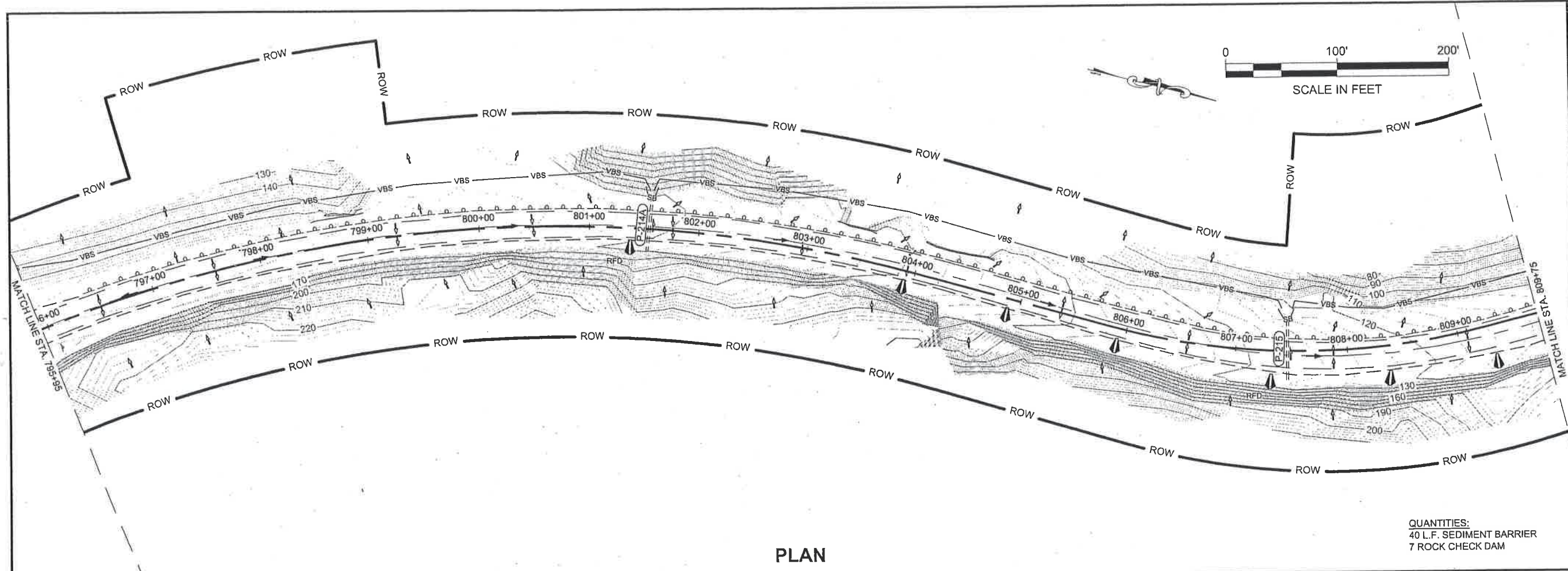
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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

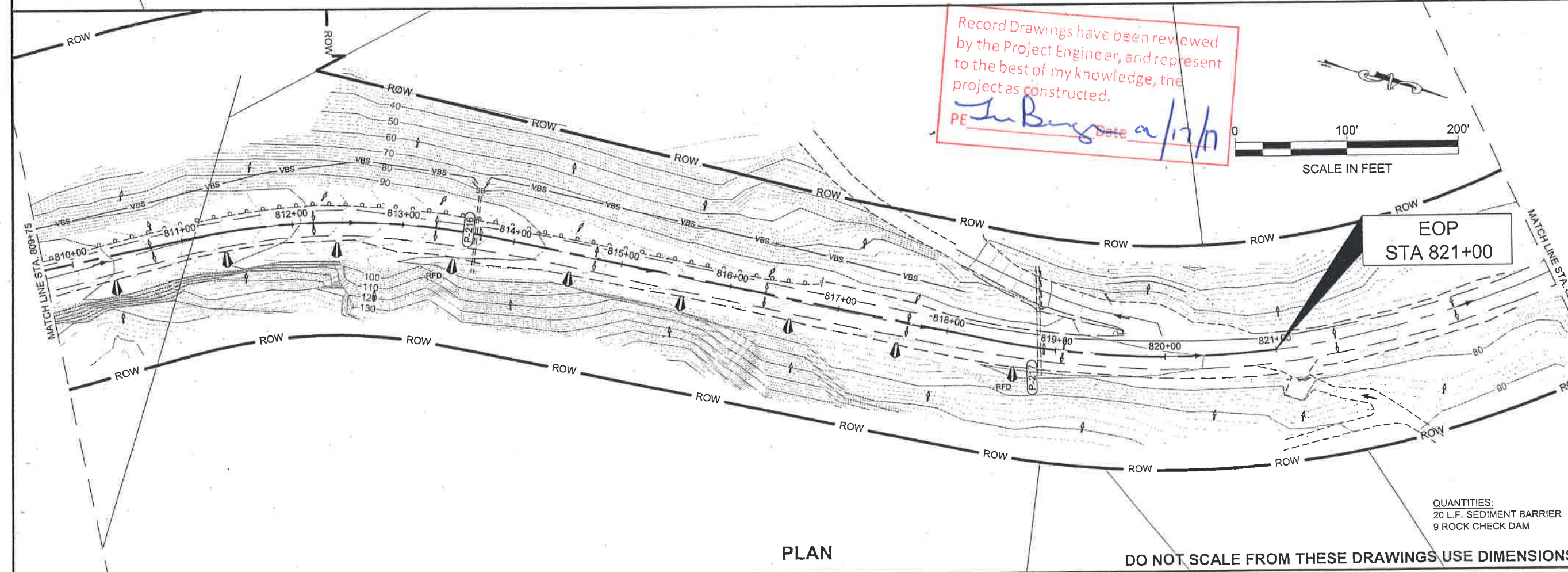
ESCP
FOR CLEARING AND
GRUBBING PHASE

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

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T7	73



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



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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH Q:\JUN16\7526\PLANSET\G3D
PLANSET\T-EXISTING.DWG

WEAVER, JON M (DOT)
TAB: T8

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MP 33
STA 800
MP 32
STA 750
MP 31
STA 700
MP 30
STA 650
BOP

GLACIER
HIGHWAY

PLAN LEGEND

CHECKED BY: C. TRIPP

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

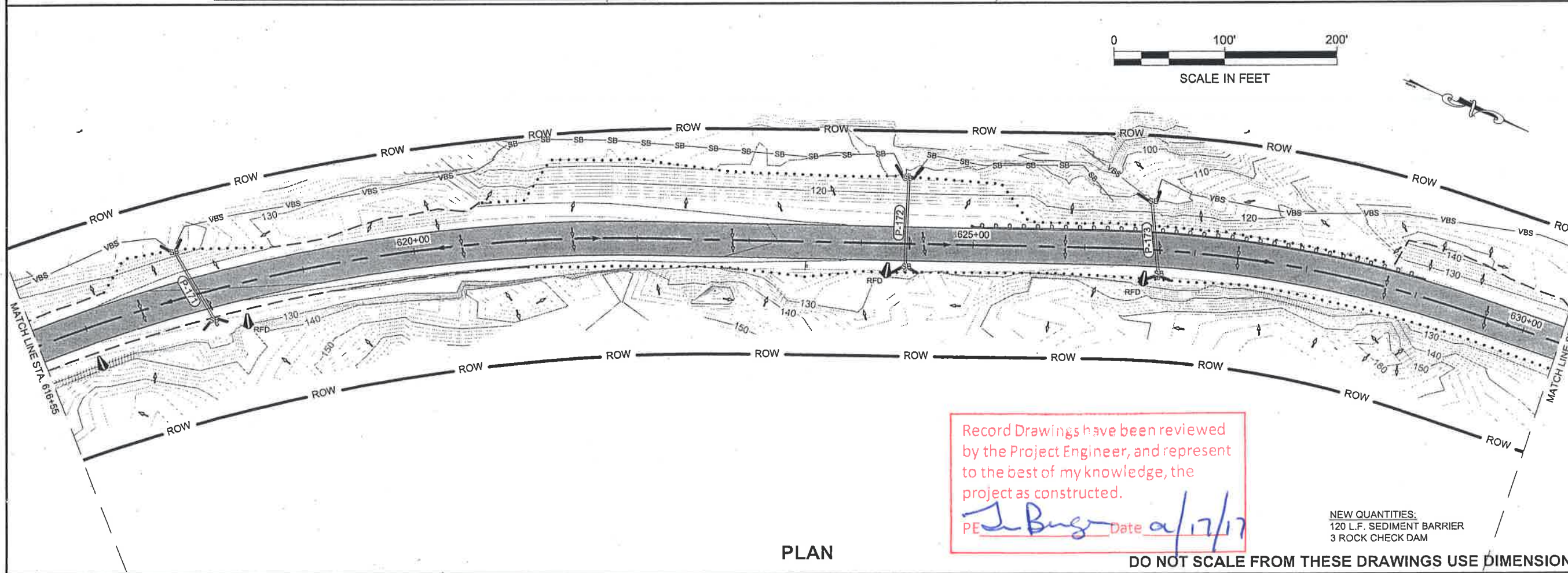
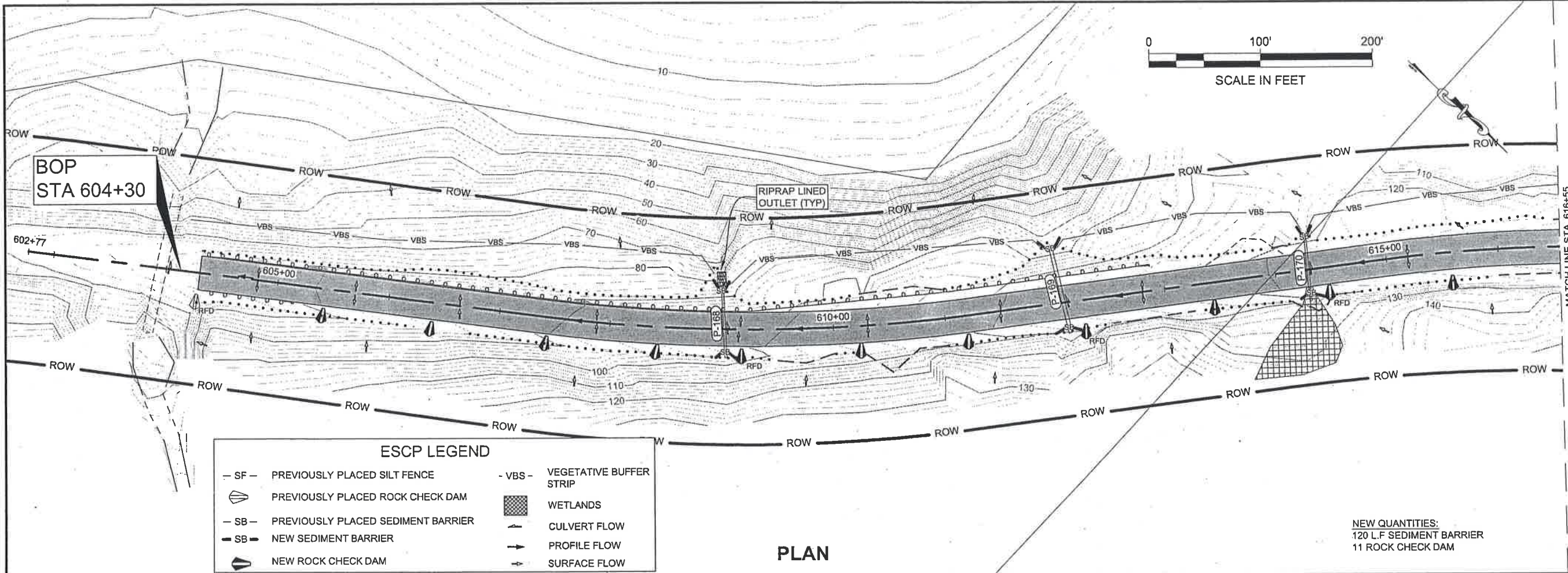
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK
LAUNCH TO BESSIE CREEK
PROJECT #67526

**ESCP
FOR CLEARING AND
GRUBBING PHASE**

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T8	73



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PLANSET: T9-PROPOSED.DWG

WEAVER, JON M (DOT)
TAB: T9

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

GLACIER HIGHWAY

STA 800

STA 760

STA 700

STA 650

THIS SHEET

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

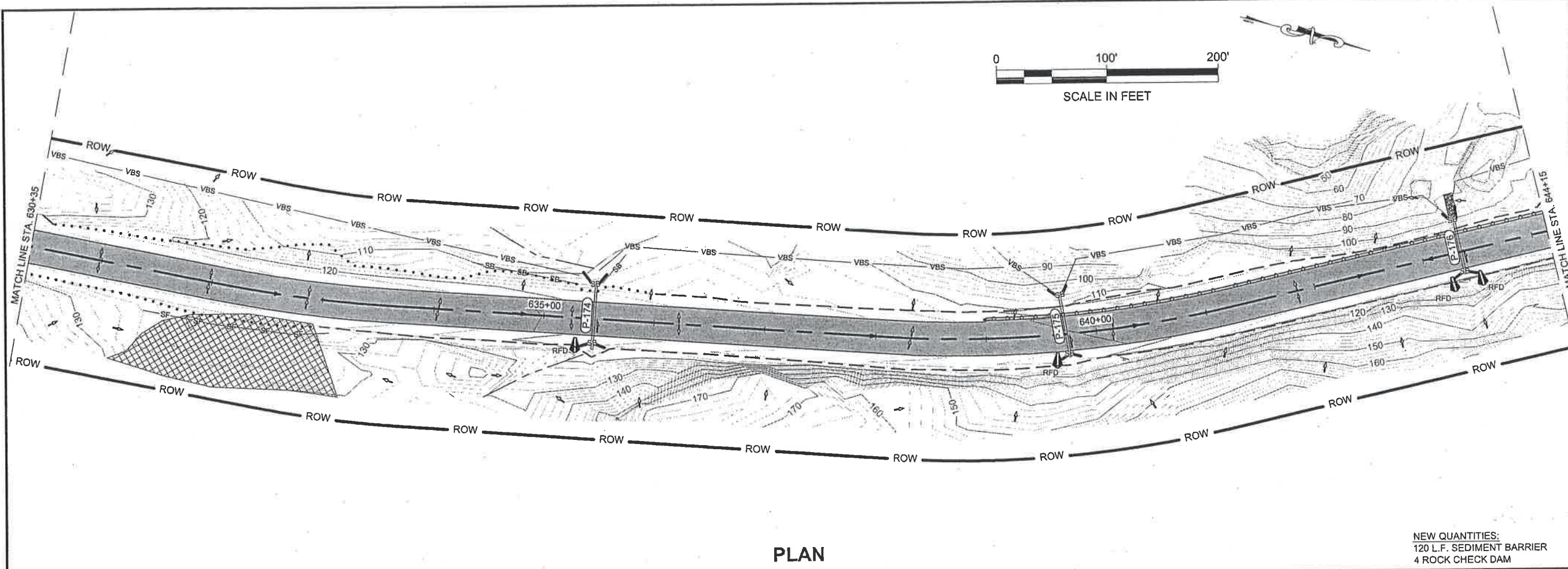
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

ESCP FOR FINAL GRADING PHASE

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

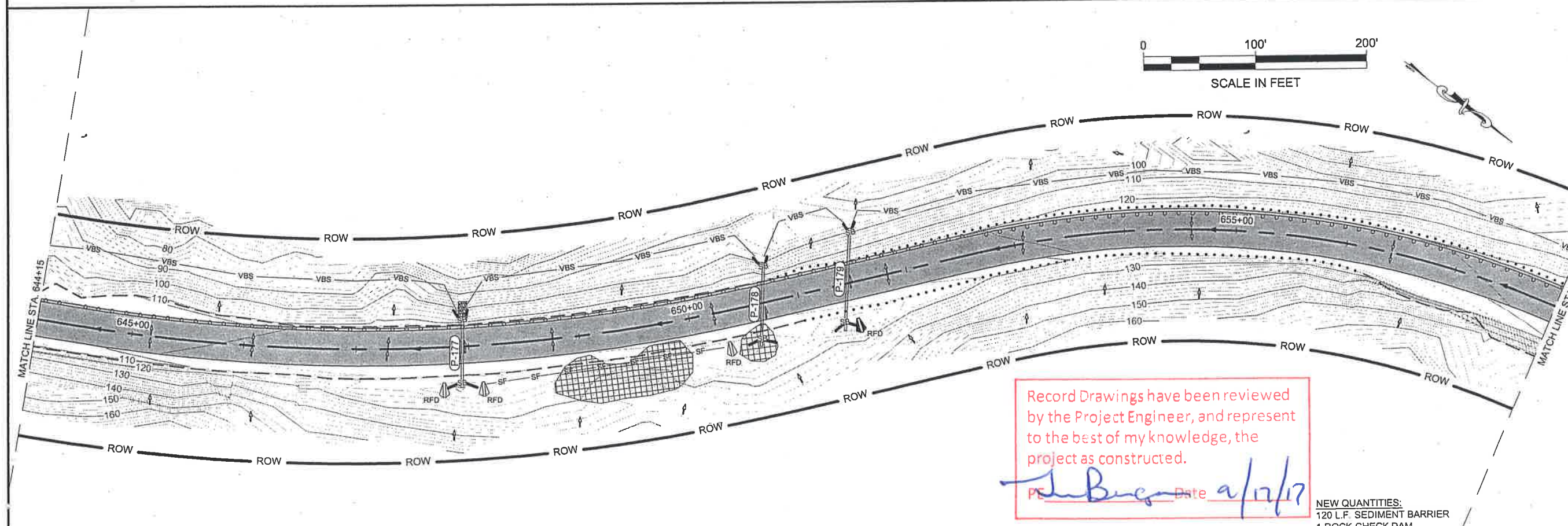
STATE	YEAR
ALASKA	2011

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 *John Bueger* Date *9/17/17*

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUNI67526\PLANSET\3D 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

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

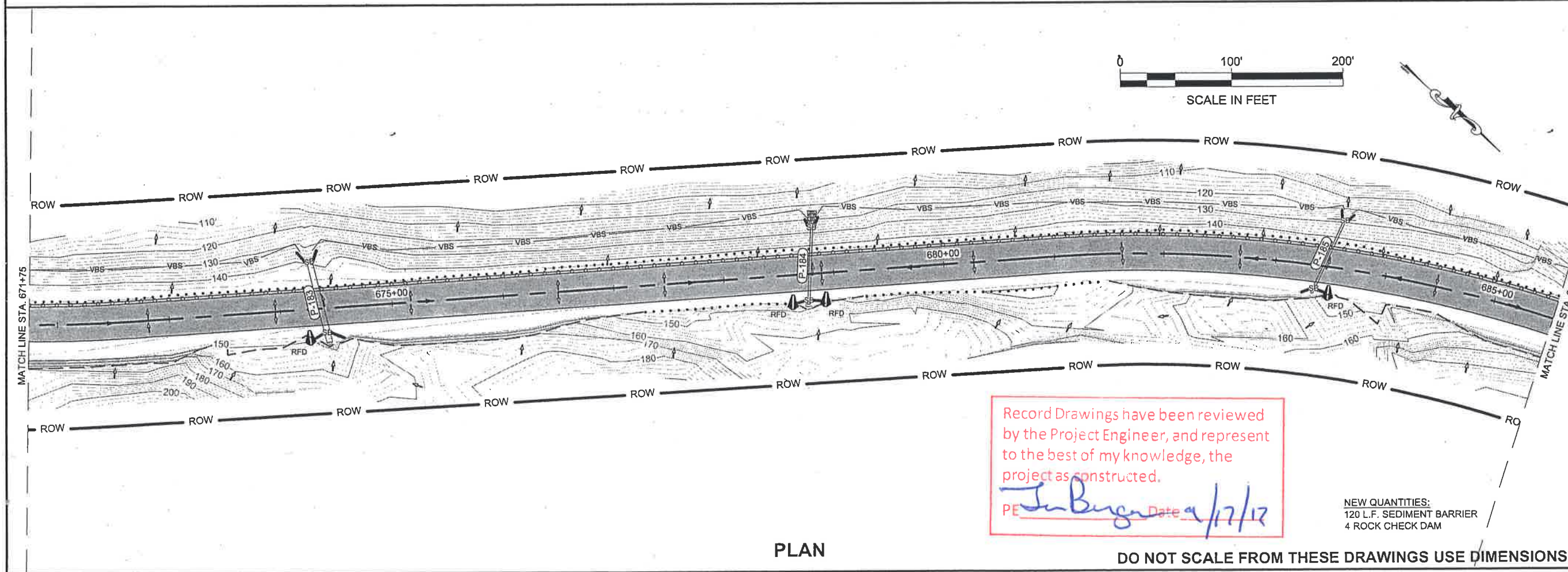
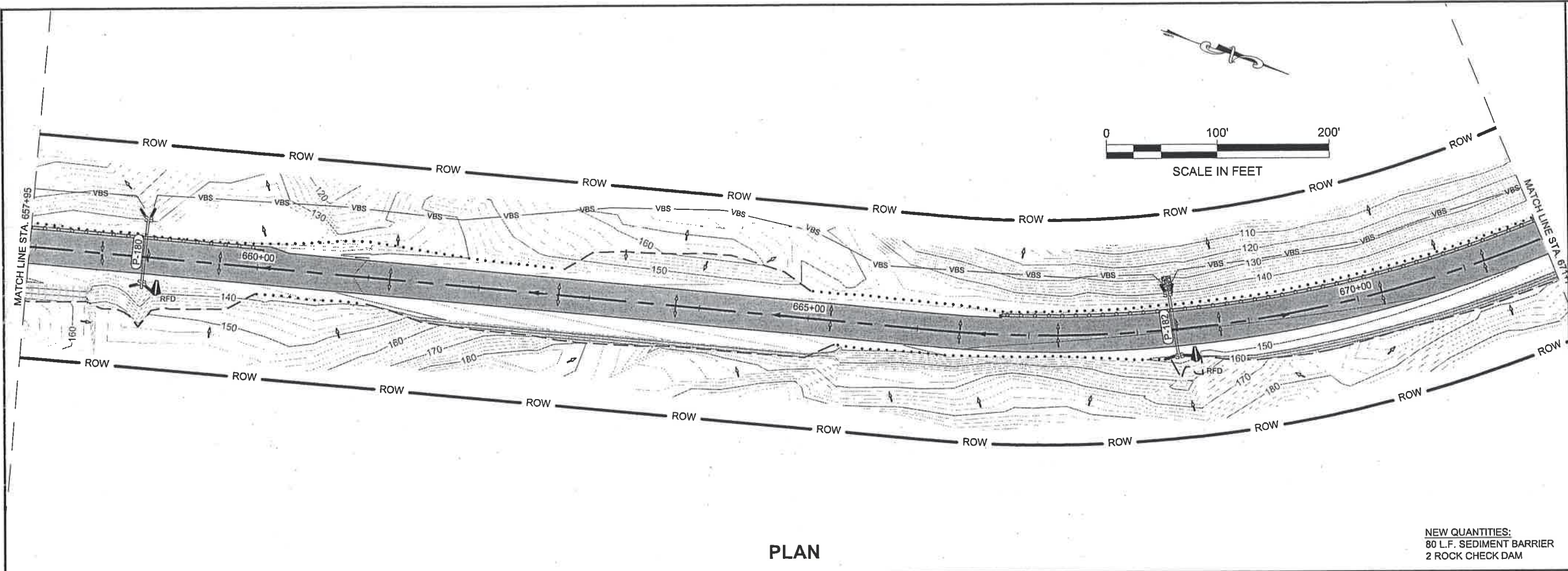
GLACIER HIGHWAY
NORTH EAGLE BEACH KAYAK LAUNCH TO BESSIE CREEK
PROJECT #67526

**ESCP
FOR FINAL
GRADING PHASE**

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

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T10	73



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 *9/17/12*

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

0 100' 200'
SCALE IN FEET

0 100' 200'
SCALE IN FEET

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

PATH: Q:\JUN16\7526\PLANSET\T11-PROPOSED.DWG

WEAVER, JON M (DOT)

TAB: T11

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

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

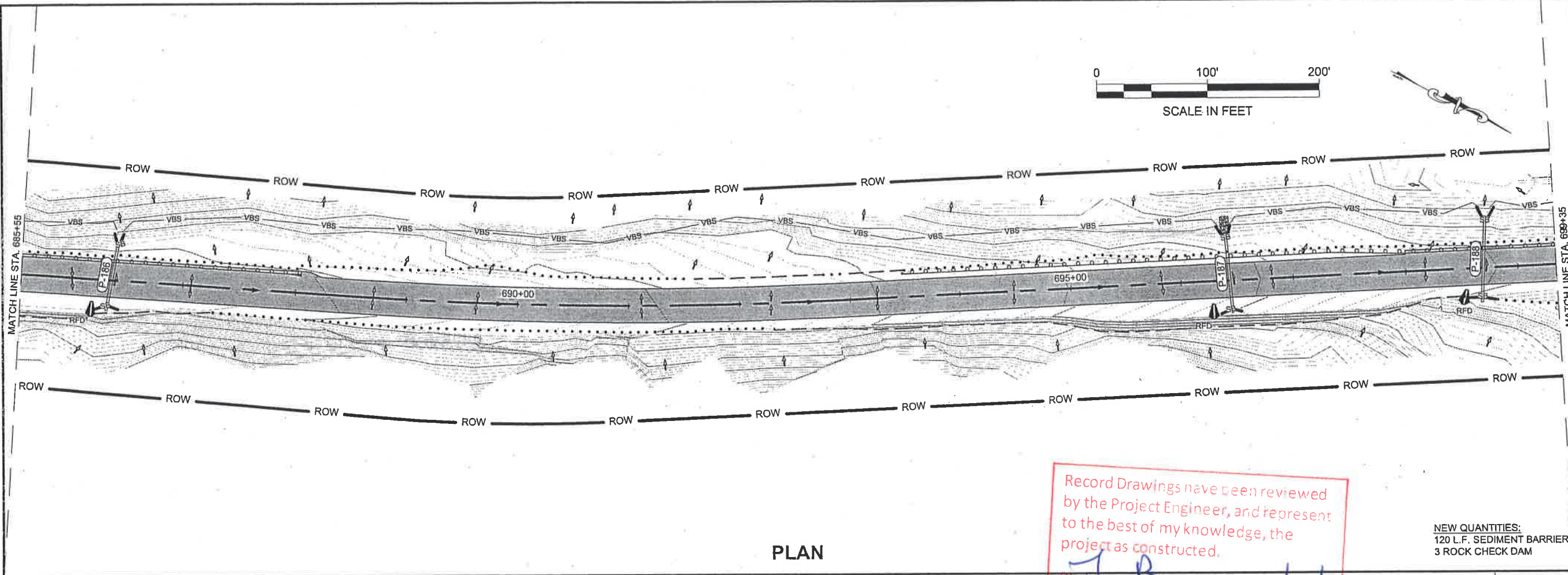
ESCP
FOR FINAL
GRADING PHASE

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

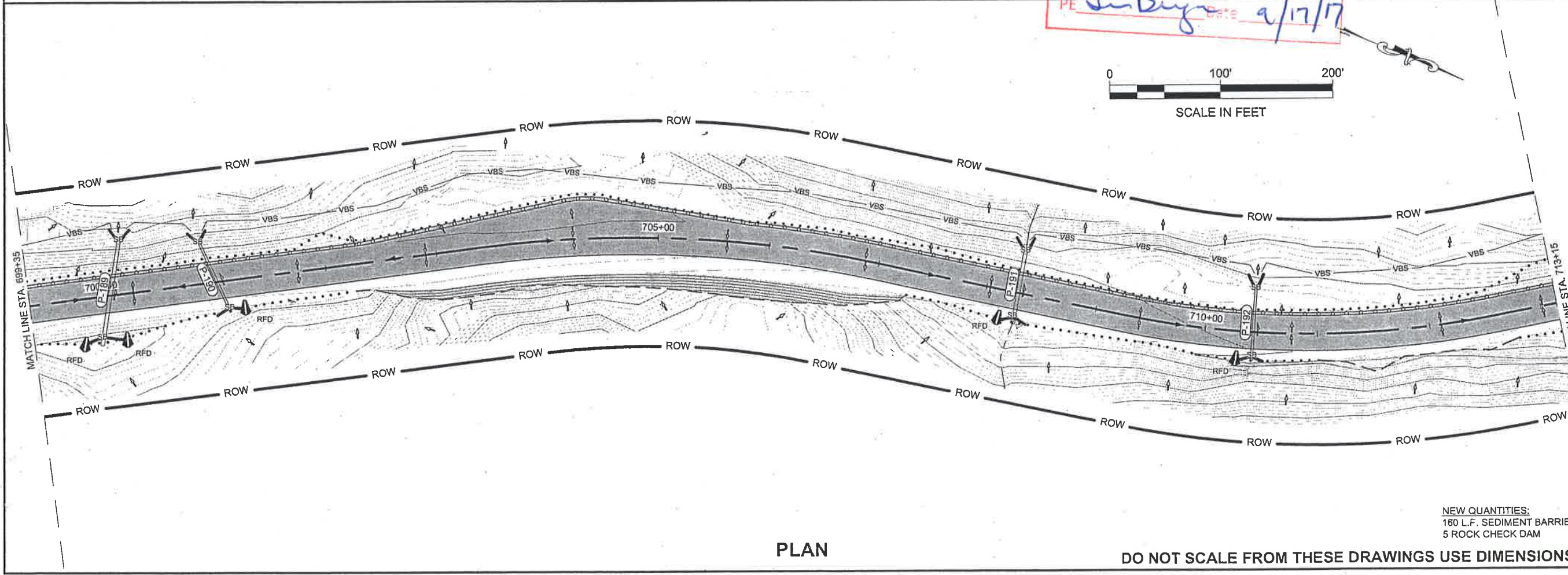
STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T11	73

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JUN16\7526\PLANSET\T12.DWG
 WEAVER, JON M (DOT)
 TAB: T12

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: J. WEAVER

DRAWN BY: J. WEAVER

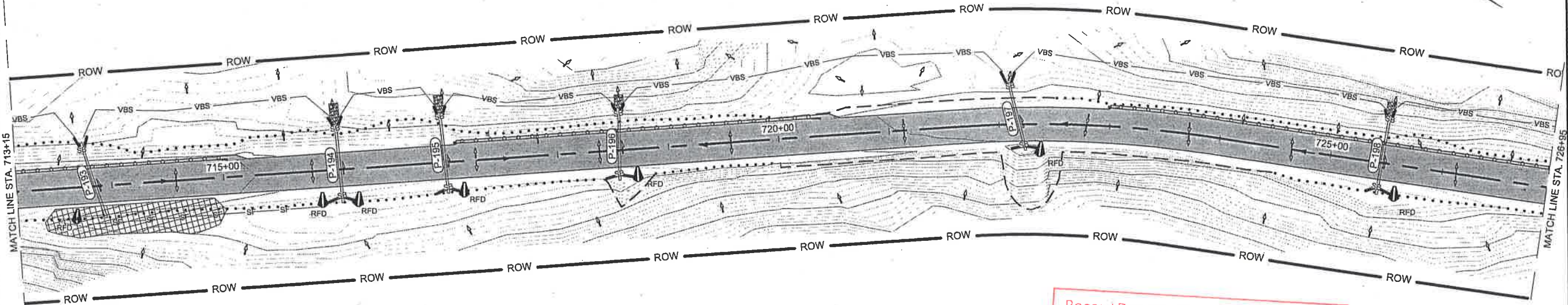
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

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

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

STATE	YEAR
ALASKA	2011

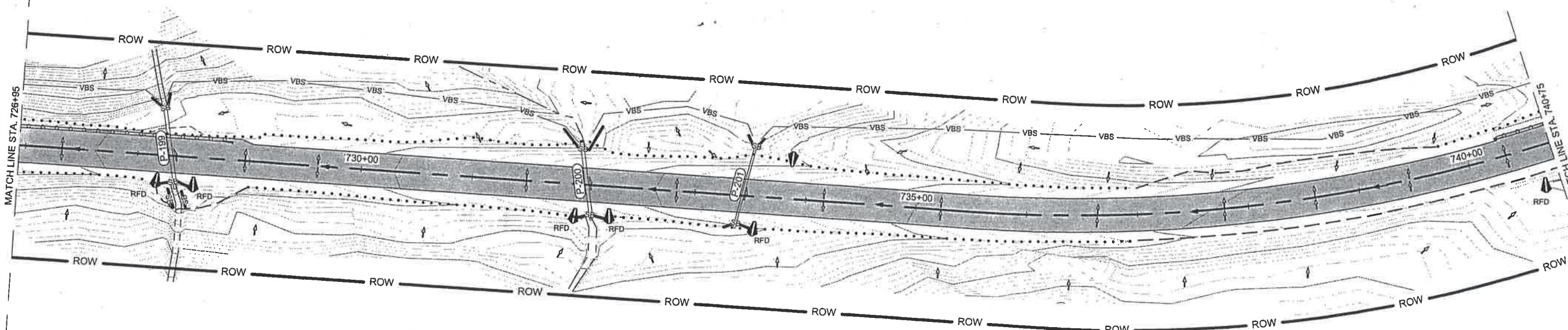
SHEET NUMBER	TOTAL SHEETS
T12	73



PLAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
J. 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:\JUNI67526\PLANSET\3D
 PLANSETT-PROPOSED.DWG
 WEAVER, JON M (DOT)
 TAB: T13
 ADDENDUM NUMBER
 ATTACHMENT NUMBER
 RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

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

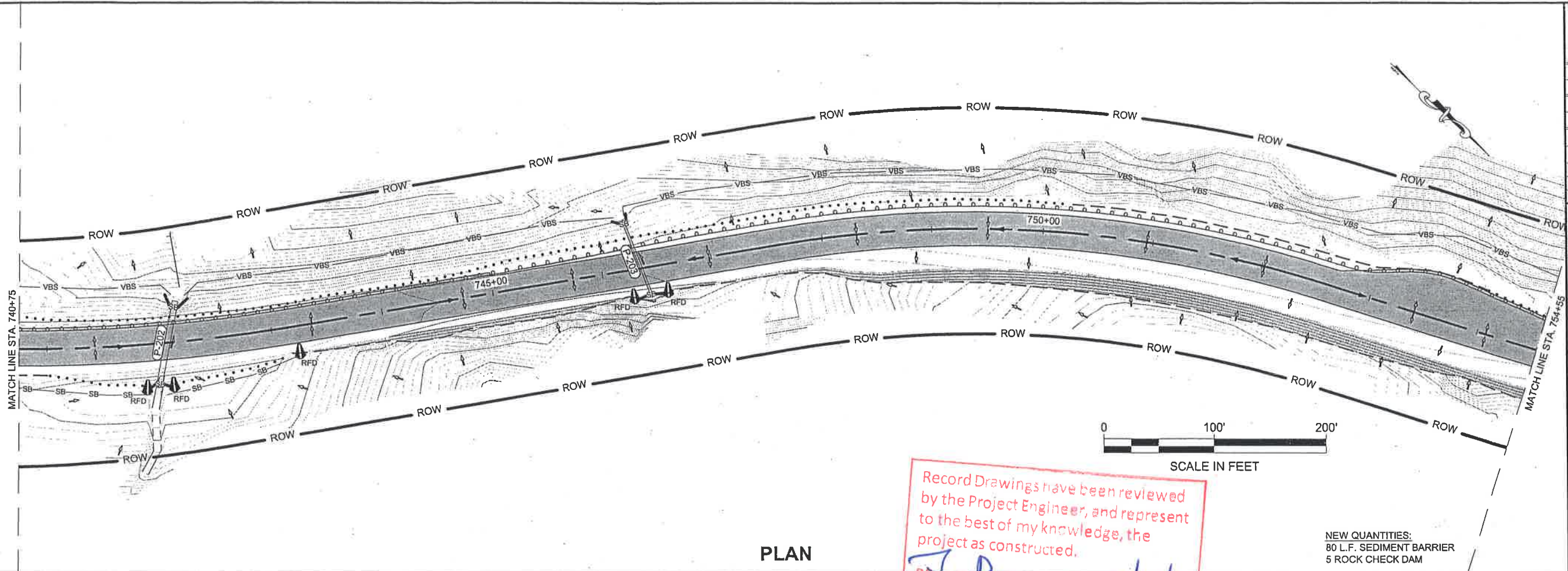
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

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

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

STATE	YEAR
ALASKA	2011

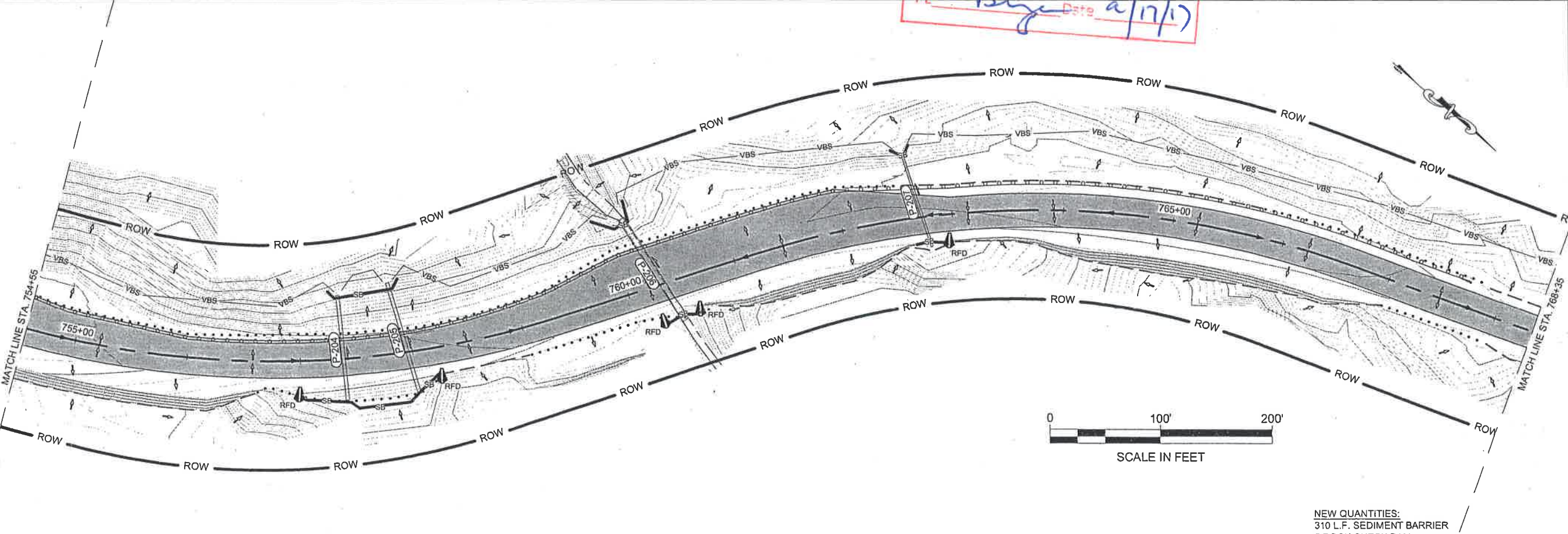
SHEET NUMBER	TOTAL SHEETS
T13	73



PLAN

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

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:\JUN167526\PLANSET\T14\PLANSET-T-PROPOSED.DWG
 WEAVER, JON M (DOT)
 TAB: T14

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

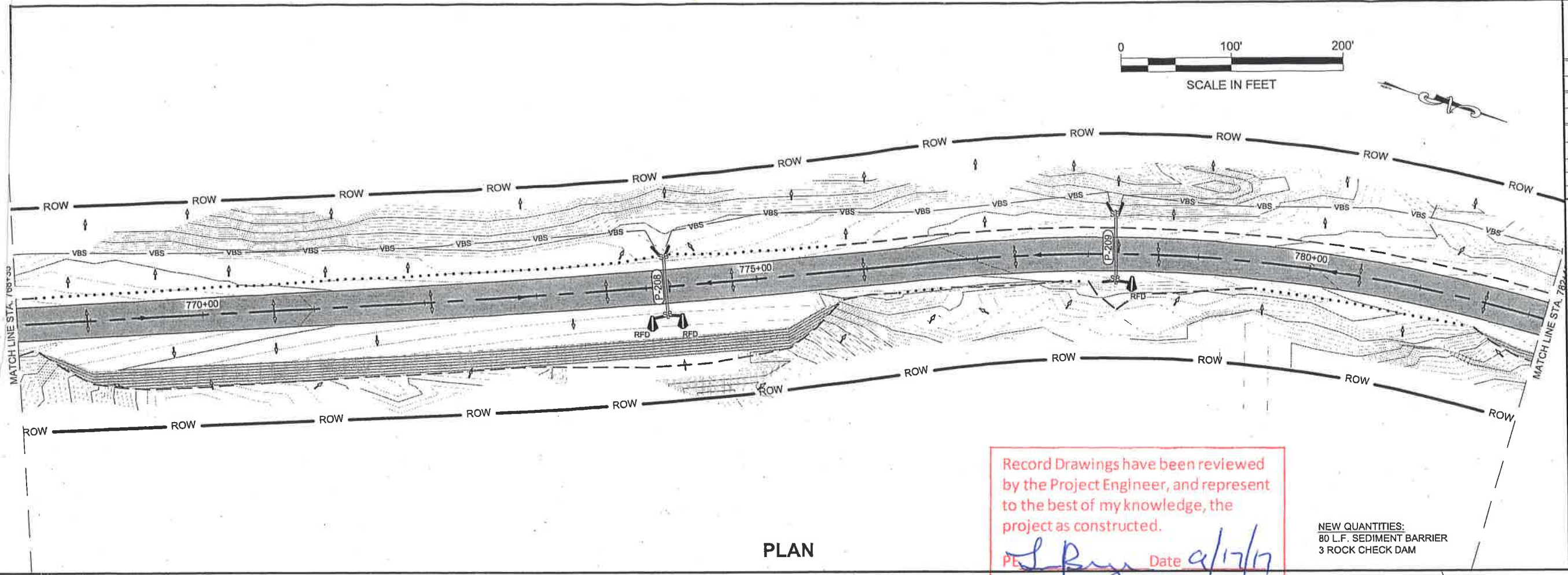
DESIGNED BY: J. WEAVER
 DRAWN BY: J. WEAVER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

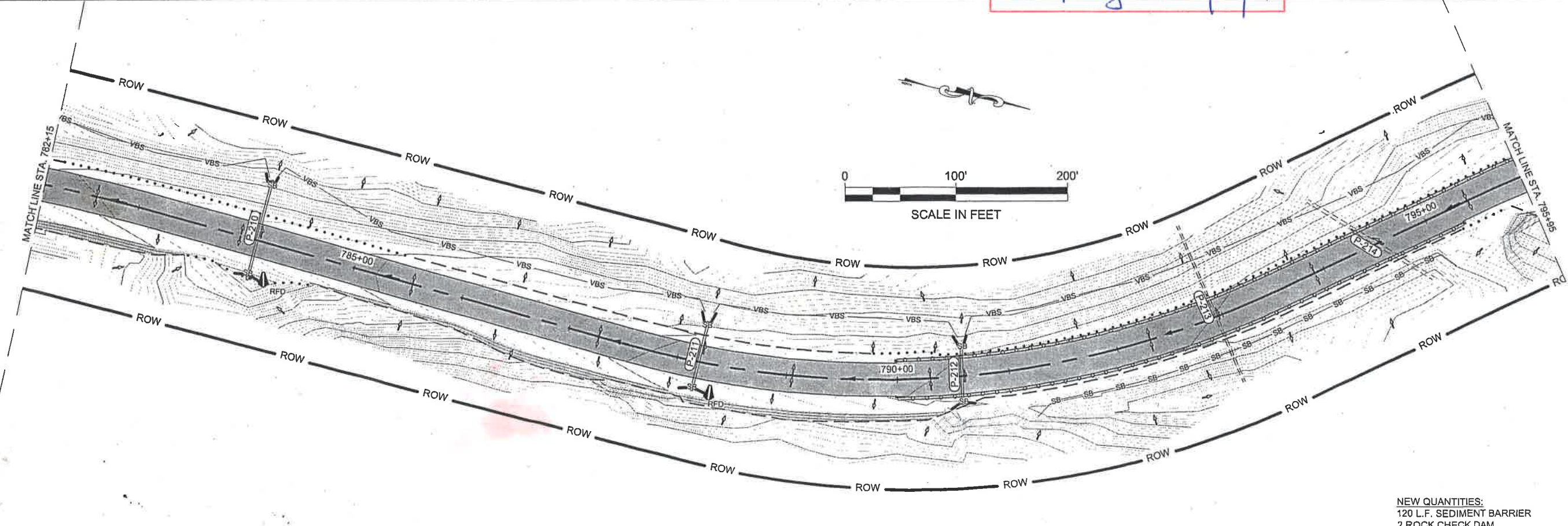
GLACIER HIGHWAY
 NORTH EAGLE BEACH KAYAK
 LAUNCH TO BESSIE CREEK
 PROJECT #67526
ESCP
FOR FINAL GRADING PHASE

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

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
T14	73



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\UNU67526\PLANSET\G3D
PLANSET-T-PROPOSED.DWG

WEAVER, JON M (DOT)
TAB: T15

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP

MP 33 STA 800

THIS SHEET

MP 32 STA 760

GLACIER

MP 31 STA 700

HIGHWAY

MP 30 STA 650

BCP

PLAN LEGEND

CHECKED BY: C. TRIPP

6/28/11

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
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PROJECT DESIGNATION

ACIM-093-3(28) ~ 67526

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
T15	73