

State of Alaska

Department of Transportation and Public Facilities

SOUTHCOAST REGION

JUNEAU, ALASKA

January 19, 2016

EGAN DRIVE PAVEMENT REHABILITATION - 10TH STREET TO MENDENHALL LOOP ROAD PROJECT NO. NH-0932(049)~68129



SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS PROJECT NO. EBL-0932(051)~67595

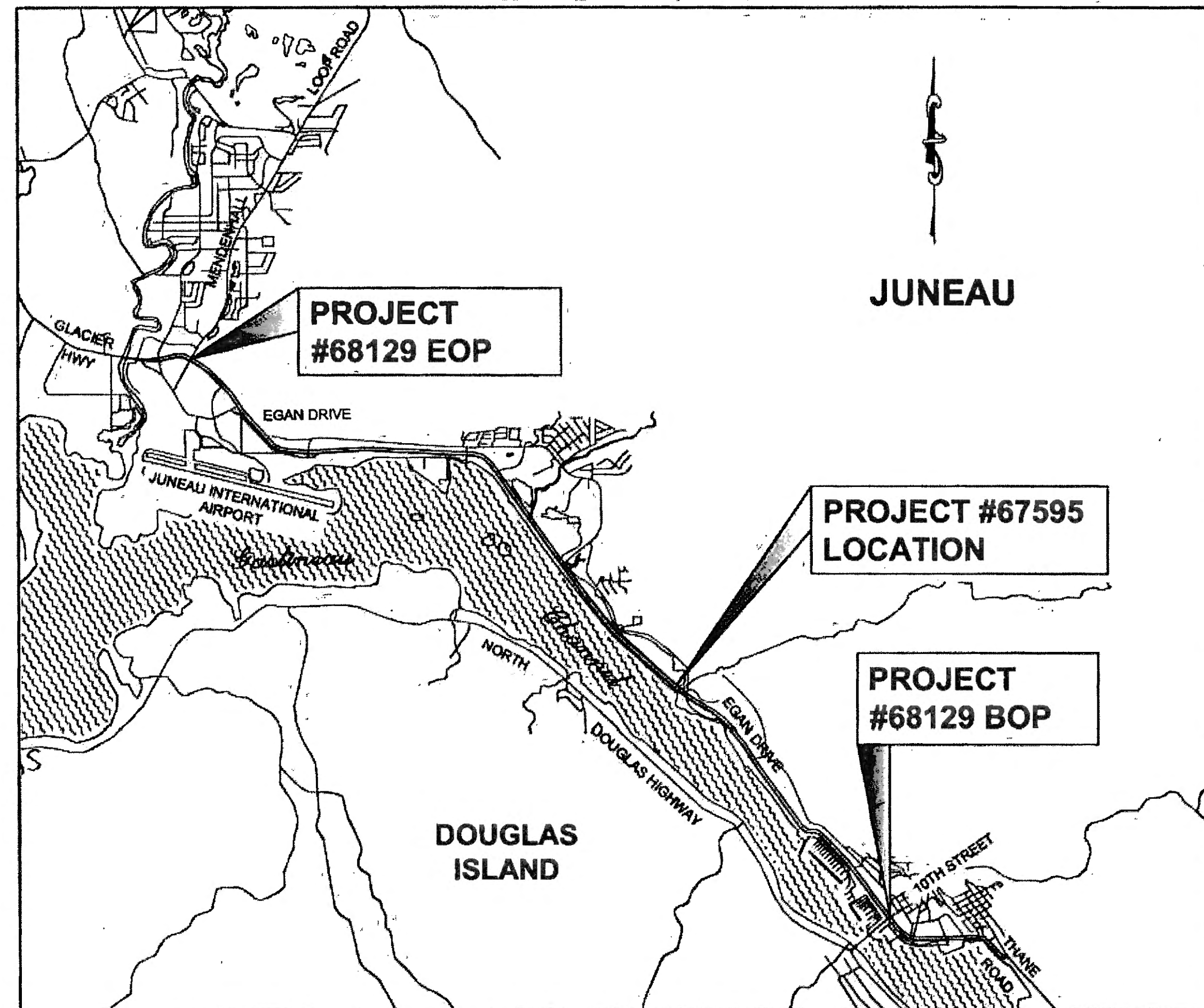
The undersigned hereby certifies that this duplicated document is an exact and true copy of the original.

Cody Sutter

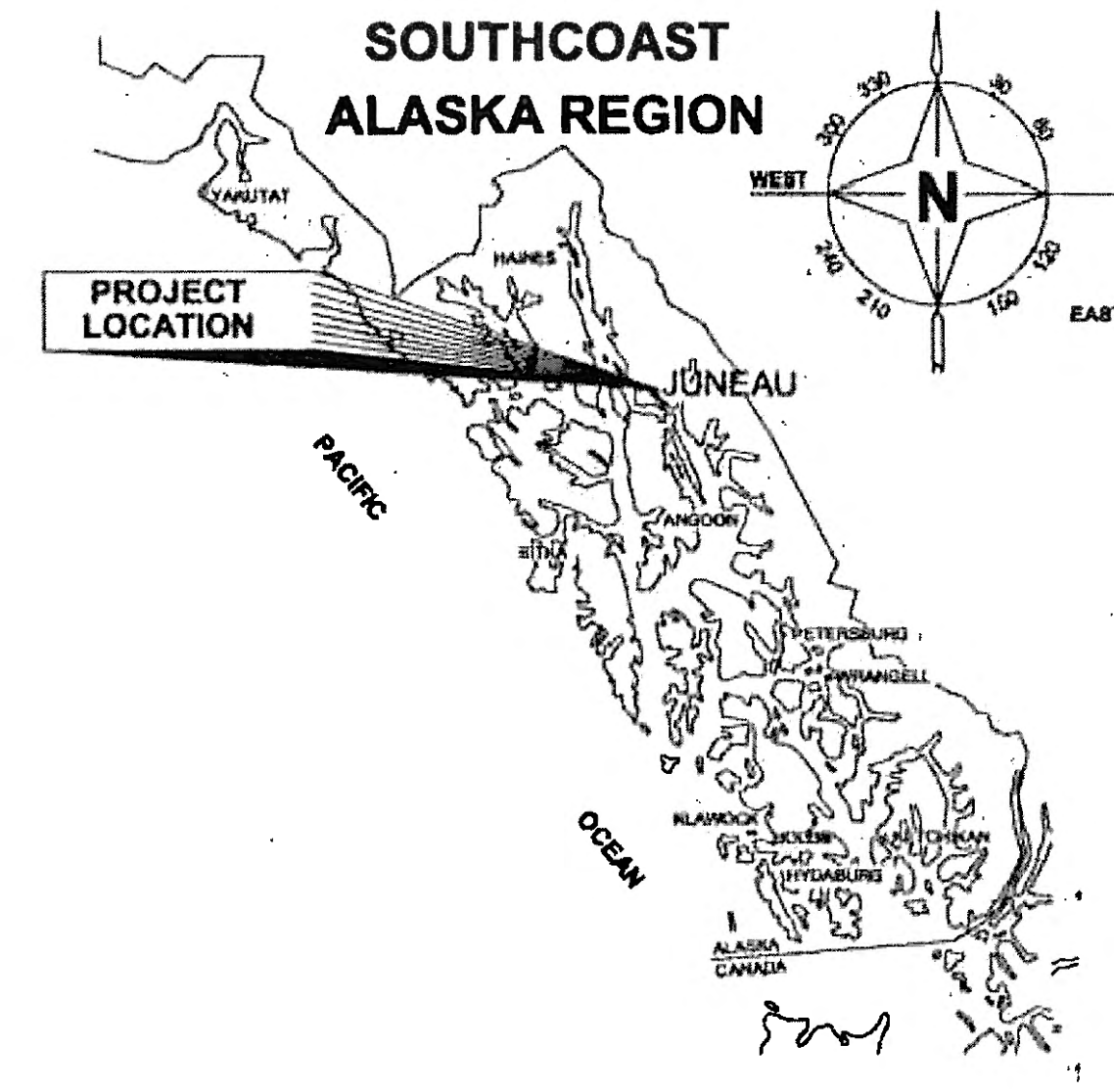
AS-BUILT PLANS

CONTRACTOR - SECON
PROJECT ENGINEER - STEVE MIELKE
BEGIN DATE - APRIL 13, 2016
END DATE - OCTOBER 8, 2016

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PLOT: PSPACE OR MSPACE: 1=1(F)	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION	
 	
APPROVED: <i>Pat Carroll</i>	DATE: 11/19/15
PAT CARROLL, P.E. REGIONAL PRE-CONSTRUCTION ENGINEER	
APPROVED: <i>Chuck Correa</i>	DATE: 11/19/15
CHUCK CORREA, P.E. DIRECTOR OF DESIGN AND CONSTRUCTION, SOUTHCOAST REGION	
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:	
CONSTRUCTION PROJECT MANAGER	DATE
STATE: ALASKA	PROJECT DESIGNATION: NH-0932(049)~68129 EBL-0932(051)~67595
YEAR: 2015	SHEET NO.: AA1
TOTAL SHEETS: 3	



VICINITY MAP




THE FOLLOWING STANDARD DRAWINGS APPLY TO THESE PROJECT:

C-04.12	D-23.01	G-10.01	I-81.00	S-05.01
C-05.20	D-26.02	G-13.00	L-03.10	S-20.10
D-01.02	E-13.00	G-20.11	L-23.01	S-23.00
D-04.21	F-01.02	G-30.01	M-20.13	S-30.03
D-07.00	G-00.02	G-31.01	M-23.12	T-6.00
D-20.03	G-04.10S	G-46.11	S-00.11	T-20.03
D-22.01	G-04.10W	I-20.15	S-01.00	T-21.03
		I-21.03		

ESTIMATE OF QUANTITIES					
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	EGAN DRIVE PAVEMENT REHABILITATION 10TH STREET TO MENDENHALL LOOP Z681290000 PLAN QUANTITY	JNU SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS Z675950000 PLAN QUANTITY	COMBINED TOTALS
201(3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
201(7)	INVASIVE SPECIES CONTROL, REMOVAL, AND DISPOSAL	SQUARE YARD	-160 0	-230 227.26	-390 227.26
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	4,952 3466.40	1780 6,219.25	6,732 9,685.65
202(3)	REMOVAL OF SIDEWALK, CO 10	SQUARE YARD	492 227.80	0	492 227.80
202(9)	REMOVAL OF CURB AND GUTTER, CO 10	LINEAR FOOT	-576 384.30	436 122	-140 506.30
203(3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	0	-5400 10,765.80	-5400 10,765.80
203(6)	BORROW	TON	0	-675 4,809.86	-675 4,809.86
203(19)	FILTER COURSE	TON	0	-3200 2,180.95	-3200 2,180.95
205(6)	STRUCTURAL FILL	CUBIC YARD	0	-446 505.52	-446 505.52
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	-96 293.01	-1250 2,656.54	-1346 2,949.55
303(3)	LINEAR GRADING	STATION	-803 943.78	0	-803 943.78
304(1A)	SUBBASE, GRADING A	TON	0	-5300 1,387.94	-5300 1,387.94
304(1C)	SUBBASE, GRADING C	TON	-44 0	0	-44 0
306(1)	ATB	TON	0	-776 503.55	-776 503.55
401(1SP)	HMA, SP, TYPE B, CO 4	TON	-20,400 38,913.95	225 3,131.58	-20,175 41,645.53
401(4)	ASPHALT BINDER, GRADE PG 64-28, CO 4	TON	-2,442 2,689.57	92 571.76	-2,350 3,231.33
401(8SP)	HMA PRICE ADJUSTMENT, SP, TYPE B	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
401(9)	LONGITUDINAL JOINT DENSITY PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
401(10)	PAVEMENT SMOOTHNESS PRICE ADJUSTMENT, METHOD 2	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
401(15)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
401(17)	PRELEVEL FOR RUTS, DELAMINATIONS, & DEPRESSIONS	SQUARE YARD	-80 65	0	-80 65
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	-143 112.89	3 9.57	-140 122.36
408(1)	2" PAVEMENT COLD PLANING	SQUARE YARD	-114,240 122,390.90	0	-114,240 122,390.90
408(2)	1/2" PAVEMENT COLD PLANING	SQUARE YARD	-266,200 264,065.10	0	-266,200 264,065.10
409(1)	LONGITUDINAL JOINT REPAIR	LINEAR FOOT	-172,280 112,049.00	0	-172,280 112,049.00
410(1I)	HMA, TYPE II, CLASS B	TON	-12,300 8,058.00	700 1,328.62	-11,600 9,386.62
410(8I)	HMA PRICE ADJUSTMENT, TYPE II, CLASS B	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
501(1)	CLASS A CONCRETE	LUMP SUM	0	ALL REQUIRED	LUMP SUM
501(7)	PRECAST CONCRETE MEMBER (59'-4"x4'-2" BULB-TEE)	EACH	0	8	8
503(1)	REINFORCING STEEL	LUMP SUM	0	ALL REQUIRED	ALL REQUIRED
503(2)	EPOXY-COATED REINFORCING STEEL	LUMP SUM	0	ALL REQUIRED	ALL REQUIRED
503(3)	DRILL AND BOND DOWELS	EACH	0	152	152
505(5)	FURNISH STRUCTURAL STEEL PILES (1'6"x0.375" PIPE PILES)	LINEAR FOOT	0	-722 748.52	-722 748.52
505(6)	DRIVE STRUCTURAL STEEL PILES (1'6"x0.375" PIPE PILES)	EACH	0	12	12
505(12)	BUILDING SURVEY	EACH	0	4	4
507(1)	STEEL BRIDGE RAILING	LINEAR FOOT	0	243	243
507(7)	STEEL BRIDGE RAILING REPLACEMENT	LINEAR FOOT	725.40	0	725.40
508(1)	WATERPROOFING MEMBRANE	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
510(1)	REMOVAL OF CONCRETE BRIDGE DECK	SQUARE FOOT	0	-607 600	-607 600
603(9)-12	12 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	25 35	0	25 35
603(22)-18	18 INCH LINER PIPE	LINEAR FOOT	4,330 1,351.07	0	4,330 1,351.07
603(22)-24	24 INCH LINER PIPE	LINEAR FOOT	444 196	0	444 196
603(22)-36	36 INCH LINER PIPE	LINEAR FOOT	436 134.60	0	436 134.60
603(22)-48	48 INCH LINER PIPE	LINEAR FOOT	-332 356	0	-332 356
603(22)-60	60 INCH LINER PIPE	LINEAR FOOT	4,042 1,049.90	0	4,042 1,049.90
604(4)	ADJUST EXISTING MANHOLE	EACH	6	0	6
604(8)	MANHOLE FRAME AND COVER REPLACEMENT	EACH	2 1	0	2 1
606(1)	W-BEAM GUARDRAIL, CO 7	LINEAR FOOT	-37,627 36,529.20	-1544 1,135.80	-39,171 37,665.00
606(6)	REMOVING AND DISPOSING OF GUARDRAIL, CO 7	LINEAR FOOT	-40,806 36,304	-1682.5 1,118	-42,488.5 37,422.00
606(8)	DOUBLE-FACED, W-BEAM GUARDRAIL	LINEAR FOOT	-2,202 2,118.74	0	-2,202 2,118.74
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	-9 8	0	-9 8
606(16)	TRANSITION RAIL	EACH	8	4	12

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Mathis* Date *2/18/20*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JNU EGAN DRIVE PAVEMENT REHABILITATION, PROJECT #68129 SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS, PROJECT #67595 ESTIMATE OF QUANTITIES							
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PROJECT DESIGNATION: NH-0932(049)~68129 EBL-0932(051)~67595							
PATH: Q:\JNU\68129\PLANSET\ADDENDUM (12-4-15)\68129_67595_CC1_EST.DWG TAB: CC1 Wednesday, December 09, 2015 4:21:32 PM GEARY, NATE (DOT)		YEAR: 2015	SHEET NO: CC1						
REVISIONS: <table border="1"> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>12-09-15</td> <td>MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 804 ITEMS</td> </tr> </table>		NO	DATE	DESCRIPTION	1	12-09-15	MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 804 ITEMS	TOTAL SHEETS: CC2	
NO	DATE	DESCRIPTION							
1	12-09-15	MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 804 ITEMS							

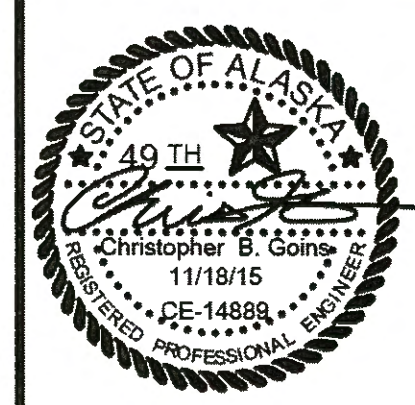
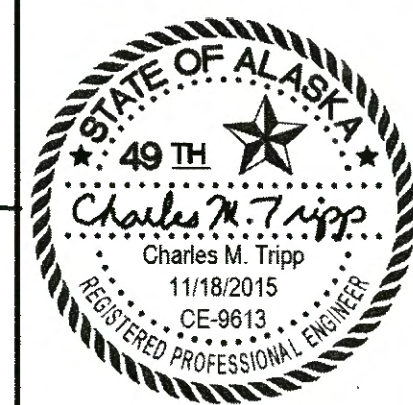
NEW ITEMS ADDED BY CHANGE ORDER

ESTIMATE OF QUANTITIES

ITEM No.	ITEM DESCRIPTION	PAY UNIT	NEW ITEMS ADDED BY CHANGE ORDER		ITEM NO.	ITEM DESCRIPTION	PAY UNIT	ESTIMATE OF QUANTITIES		COMBINED TOTALS
			Z68129 0000	Z69575 0000				EGAN DRIVE PAVEMENT REHABILITATION 10TH ST TO MENDENHALL LOOP QUANTITY	JNU SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS Z675950000 PLAN QUANTITY	
111(1)	Late Payment Interest, CO 16	LUMP SUM	ALL REQ'D		608(1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	-369 344.79	0	-369 344.79
111(1)	Disputed Quantities Equitable Adjustment, CO 21	LUMP SUM	ALL REQ'D	ALL REQ'D	608(3)	ASPHALT SIDEWALK	SQUARE YARD	201 257.30	0	201 257.30
111(2)	Late Payment Interest II, CO 22	LUMP SUM	ALL REQ'D		608(6)	CURB RAMP	EACH	28 27	0	28 27
202(13)	Removal of Guardrail Pavement, CO 4	SQUARE YARD	5,135.10		609(1)	CURB, TYPE EXPRESSWAY	LINEAR FOOT	0	-207 297.90	-207 297.90
202(14)	Removal of Buried Tank, CO 20	LUMP SUM	ALL REQ'D	ALL REQ'D	609(2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	-566 474.53	0	-566 474.53
202(301)	Non-Par Items, CO 10	LUMP SUM	ALL REQ'D		611(2-1)	RIPRAP, CLASS I	TON	0	-730 878.54	-730 878.54
401(20)	Asphalt Blister Repair, CO 17	LUMP SUM	ALL REQ'D		611(2-1)	RIPRAP, CLASS II	TON	0	-2000 1,387.42	-2000 1,387.42
408(1a)	Pavement Cold Planing Standby, CO 18	LUMP SUM	ALL REQ'D		611(3)	STREAMBED MATERIAL FOR RIPRAP	TON	0	104 99.78	104 99.78
501(9)	Concrete Sinkhole Repair, CO 8	LUMP SUM	ALL REQ'D		615(1)	STANDARD SIGN	SQUARE FOOT	-2,490 2,589.09	-123 124.93	-2,613 2,714.02
503(1a)	Reinforcing Steel modification, CO 27	LUMP SUM	ALL REQ'D	ALL REQ'D	615(5)	DELINEATOR, FLEXIBLE	EACH	-107 94	16	113 110
505(5a)	Furnish Additional Pile Piles, CO 26	LUMP SUM	ALL REQ'D	ALL REQ'D	618(2)	SEEDING	POUND	0	-45 149.08	-45 149.08
505(6a)	Pile Driving Standby, CO 25	LUMP SUM	ALL REQ'D	ALL REQ'D	619(3)	BONDED FIBER MATRIX (BFM)	POUND	0	970 4,483.58	970 4,483.58
507(1a)	Revised Bronze Bridge No. Plates, CO 6	LUMP SUM	ALL REQ'D		620(2)	TOPSOIL	CUBIC YARD VEHICLE MEASURE	0	-134 494.28	-134 494.28
508(2)	Furnish Waterproof Membrane, CO 15	LUMP SUM	ALL REQ'D	ALL REQ'D	621(2)	SHRUB	EACH	0	224	224
508(3)	Waterproof Membrane Repair Complete, CO 15	LUMP SUM	ALL REQ'D	ALL REQ'D	629(1)	GUARDRAIL PAVING	LINEAR FOOT	-35,973 33,094.20	-1565 15	-37,538 33,094.20
603(22)	Furnish Additional HDPE Liner Pipe, CO 9	LUMP SUM	ALL REQ'D		640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
606(18)	Remove and Salvage Radius Rail, CO 19	LUMP SUM	ALL REQ'D		641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
606(19)	Guardrail modifications, CO 14	LUMP SUM	ALL REQ'D		641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
606(20)	Removing and Reconstruction Guardrail, CO 19	LUMP SUM	ALL REQ'D		641(5)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
611(4)	Abutment Protection, Class I, CO 15	LUMP SUM	ALL REQ'D	ALL REQ'D	641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
640(901)	Progress Schedules, CO 10	LUMP SUM	ALL REQ'D		642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
642(1a)	Additional Construction Surveying, CO 11	HOUR	48.94	52.32	642(4)	SET PRIMARY MONUMENT	EACH	6 0	0	6 0
643(35)	Removal of Portable Concrete Barriers, CO 8	LUMP SUM	ALL REQ'D		642(9)	REFERENCE EXISTING MONUMENT	EACH	8 0	0	8 0
643(901)	Traffic Maintenance Price Reduction, CO 10	CONTINGENT SUM	ALL REQ'D		642(13)	ADJUST EXISTING PRIMARY MONUMENT	EACH	2 0	0	2 0
643(902)	Non-Par Traffic Maintenance, CO 10	CONTINGENT SUM	ALL REQ'D		642(14)	DRAFT RECORD OF MONUMENT FORM	EACH	6 0	0	6 0
643(903)	Added Phasing Costs, CO 10	LUMP SUM	ALL REQ'D		643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
646(1)	CMR Scheduling, CO 10	LUMP SUM	ALL REQ'D	ALL REQ'D	643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
660(13a)	Relocate Electrolier Modifications, CO 3	LUMP SUM	ALL REQ'D	ALL REQ'D	643(13)	INTERIM PAVEMENT MARKING	STATION	-2,355 4,604.34	406 727.71	2,460 5,332.05
660(13a)	Electrolier Foundation Credit, CO 13	LUMP SUM	ALL REQ'D		643(15)	FLAGGING	CONTINGENT SUM	0	ALL REQUIRED	ALL REQUIRED
660(15)	Bore Three 2-Inch Conduits, CO 5	LUMP SUM	ALL REQ'D		643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
660(16)	Electrical System Credit, CO 5	LUMP SUM	ALL REQ'D		643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
660(17)	Re-route Directional Bore Conduit, CO 14	LUMP SUM	ALL REQ'D		643(33)	PUBLIC INFORMATION PROGRAM	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
660(18)	Pedestrian Signal System Modification, CO 24	LUMP SUM	ALL REQ'D		643(34)	PORTABLE CONCRETE BARRIER	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
660(20)	Adjust J-Box, Type 1A, CO 14	LUMP SUM	ALL REQ'D		644(1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
660(21)	Relocate and Repair Conduit and Conductors, CO 23	LUMP SUM	ALL REQ'D		645(1)	TRAINING PROGRAM, 3 TRAINEES/APPRENTICES	LABOR HOUR	1,300	200	1,500
					646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
					660(1)	TRAFFIC SIGNAL SYSTEM COMPLETE (MCNUGGET & LOOP INTERSECTIONS)	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
					660(13)	RELOCATE ELECTROLIER	EACH	0	9	9
					660(14)	TRAFFIC SIGNAL SYSTEM MODIFICATIONS (SALMON CK INTERSECTION)	LUMP SUM	0	ALL REQUIRED	ALL REQUIRED
					670(1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
					670(13)	INLAID METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Stu Thiel* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION
 	JNU EGAN DRIVE PAVEMENT REHABILITATION, PROJECT #68129 SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS, PROJECT #67595 ESTIMATE OF QUANTITIES
DESIGNED BY: CT, CI, NG, TF	
DRAWN BY: RG, NG, TF	
PATH: Q:\JNU\68129\PLANSET\68129_67595_CC1_EST.DWG	
TAB: CC2 Wednesday, November 18, 2015 2:55:03 PM	GEARY, NATE (DOT)
REVISIONS	PROJECT DESIGNATION
NO. DATE DESCRIPTION	NH-0932(049)-68129
	EBL-0932(051)-67595
	YEAR 2015
	SHEET NO. CC2
	TOTAL SHEETS CC2

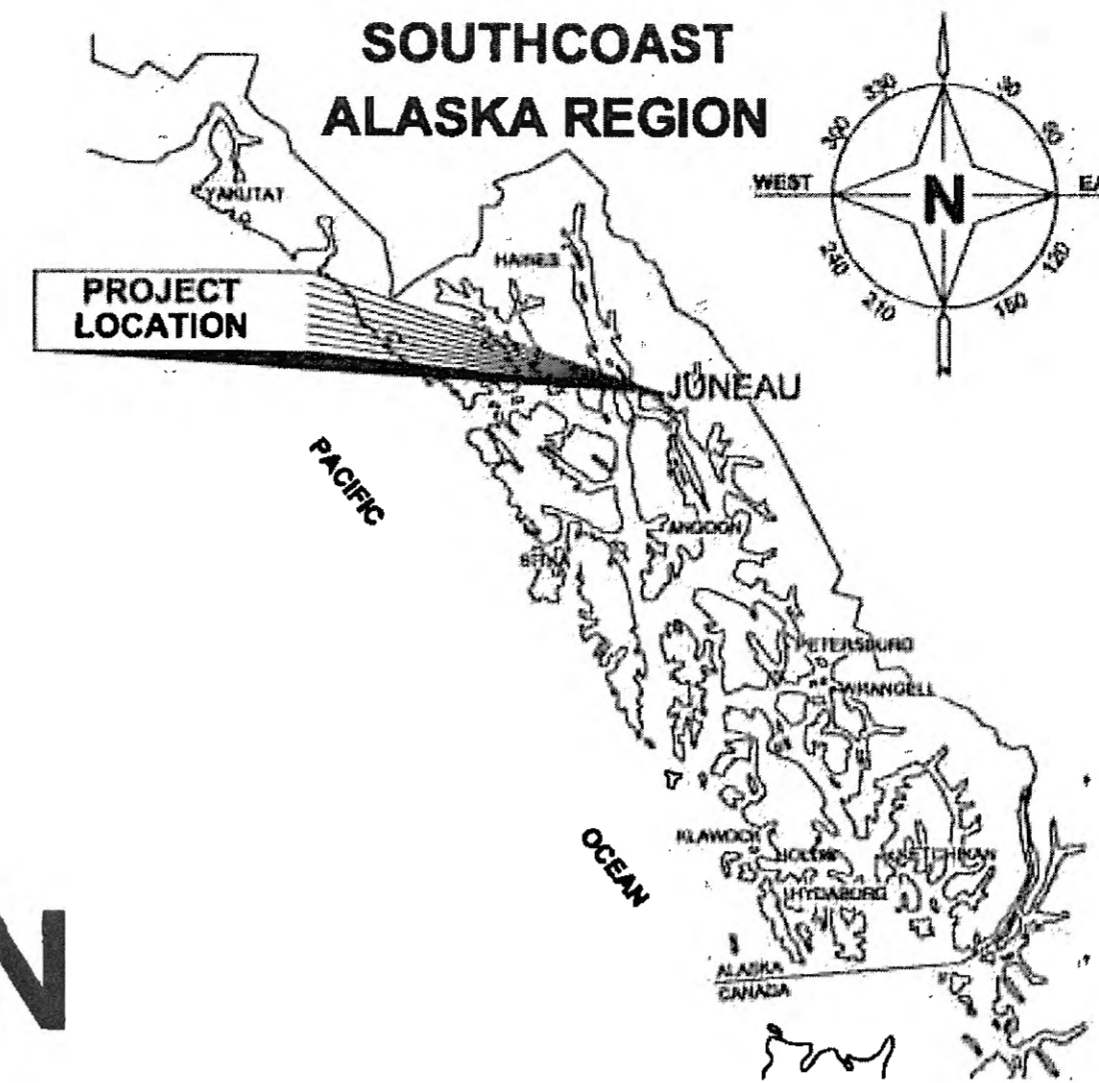
State of Alaska

Department of Transportation and Public Facilities

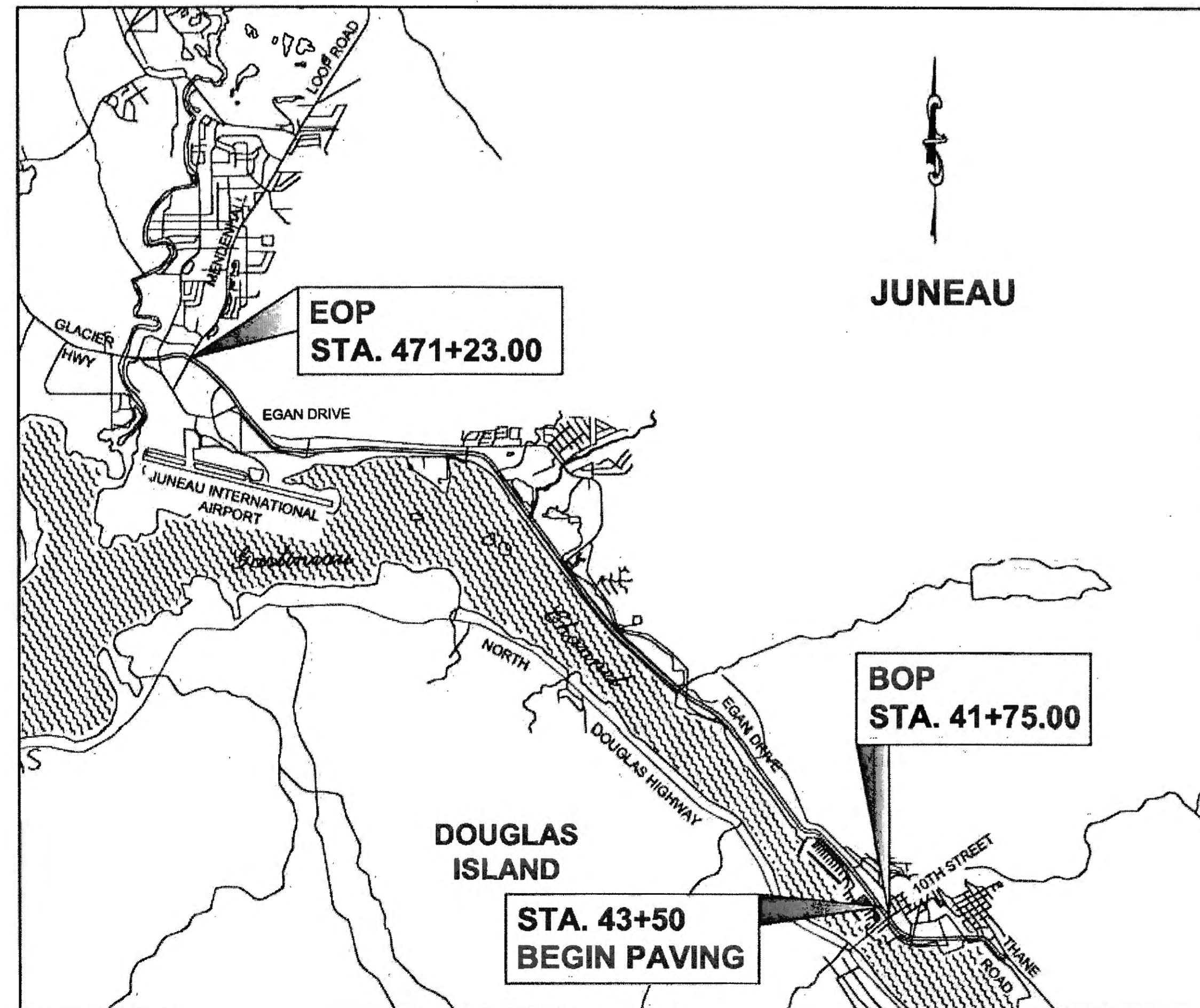
SOUTHCOAST REGION

JUNEAU, ALASKA EGAN DRIVE PAVEMENT REHABILITATION

10TH STREET TO MENDENHALL LOOP ROAD PROJECT NO. NH-0932(049)~68129



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T1-T16	TRAFFIC CONTROL PLAN



VICINITY MAP

DESIGN DESIGNATION

PROJECT TYPE	=	PREVENTIVE MAINTENANCE
FUNCTIONAL CLASSIFICATION	=	URBAN PRINCIPAL ARTERIAL
PRESENT A.D.T. (2011)	=	25,810
DESIGN YEAR A.D.T. (2035)	=	28,530
MID DESIGN YEAR A.D.T. (2025)	=	27,140
D.H.V. (12%) (2035)	=	3,420
PERCENT COMMERCIAL TRUCKS	=	11.5%
DIRECTIONAL DISTRIBUTION	=	55/45
V	=	40 & 55 M.P.H.
E.A.L.	=	5,900,000
PAVEMENT DESIGN YEAR	=	2025
DESIGN VEHICLE: TURNING	=	WB-50
DESIGN VEHICLE: LOADING	=	HS25
DESIGN V	=	40 & 70 M.P.H.

PROJECT SUMMARY

LENGTH OF PROJECT	=	42,773 FT (8.10 MILES)
LENGTH OF RESURFACING	=	42,773 FT (8.10 MILES)
WIDTH OF RESURFACING	=	48 FT - 72 FT (VARIES)

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

C-05.20	D-26.02	G-20.11	M-20.13	S-30.03
D-01.02	E-13.00	G-30.01	M-23.12	T-06.00
D-04.21	G-00.02	G-31.01	S-00.11	T-20.03
D-07.00	G-04.10S	G-46.11	S-01.00	T-21.03
D-20.03	G-04.10W	I-20.15	S-05.01	
D-22.01	G-10.01	I-21.03	S-20.10	
D-23.01	G-13.00	I-81.00		

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

PE *Steve Smith* Date 2/18/20

USE THESE PLANS IN CONJUNCTION WITH THE STATE OF ALASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2015 EDITION AND THE PROJECT SPECIAL PROVISIONS.

PATH: Q:\JUNU68129\PLANSET\68129_A1_TITLE.DWG TAB:A1

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHCOAST REGION



APPROVED: *Pat Carroll* 11/19/15
PAT CARROLL, P.E.
REGIONAL PRE-CONSTRUCTION ENGINEER DATE

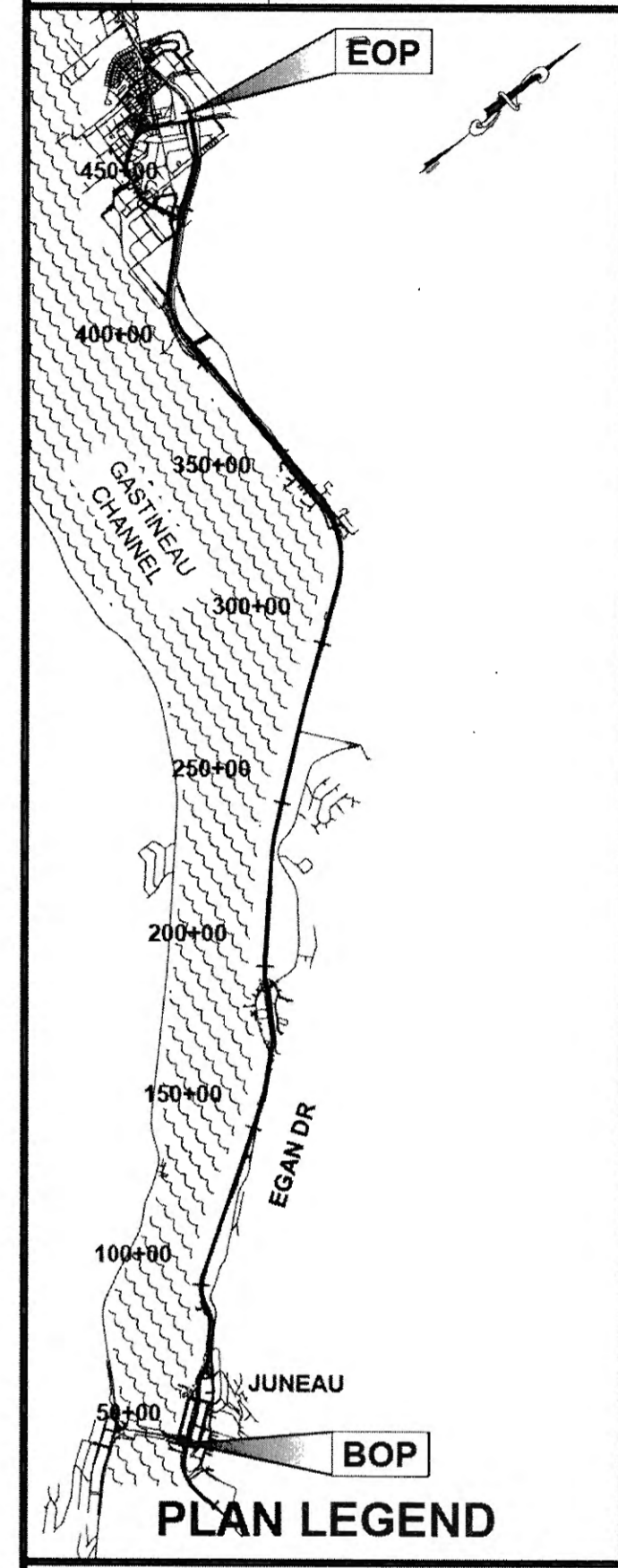
APPROVED: *Chuck Correa* 11/19/15
CHUCK CORREA, P.E.
DIRECTOR OF DESIGN AND CONSTRUCTION, SOUTHCOAST REGION DATE

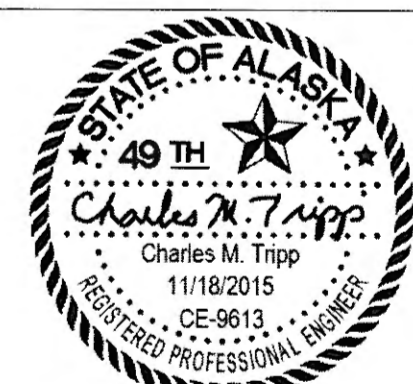
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(049)~68129	2015	A1	84

NOTE:
 NO IMPLICATIONS TO CONSTRUCTION ARE ANTICIPATED AS A RESULT OF THE EAGLE NEST LOCATIONS. SEE PERMIT INFORMATION IN APPENDIX B.

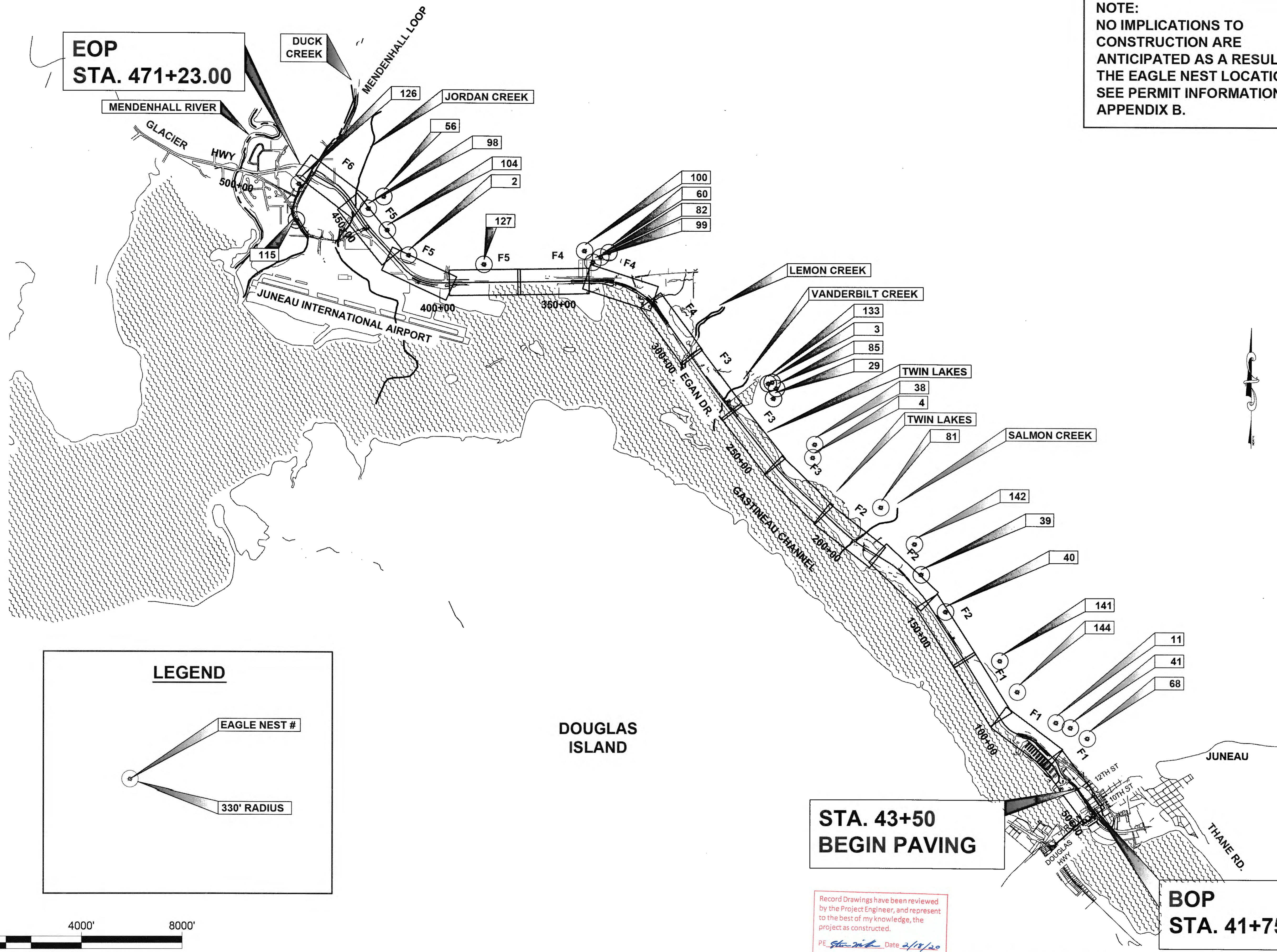


CHECKED BY: C. TRIPP


DESIGNED BY: C. IVANISZEK
 DRAWN BY: R. GRANTHAM
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOAST REGION
 JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

SHEET LAYOUT

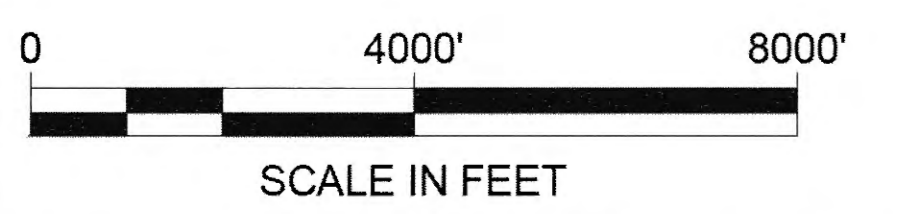
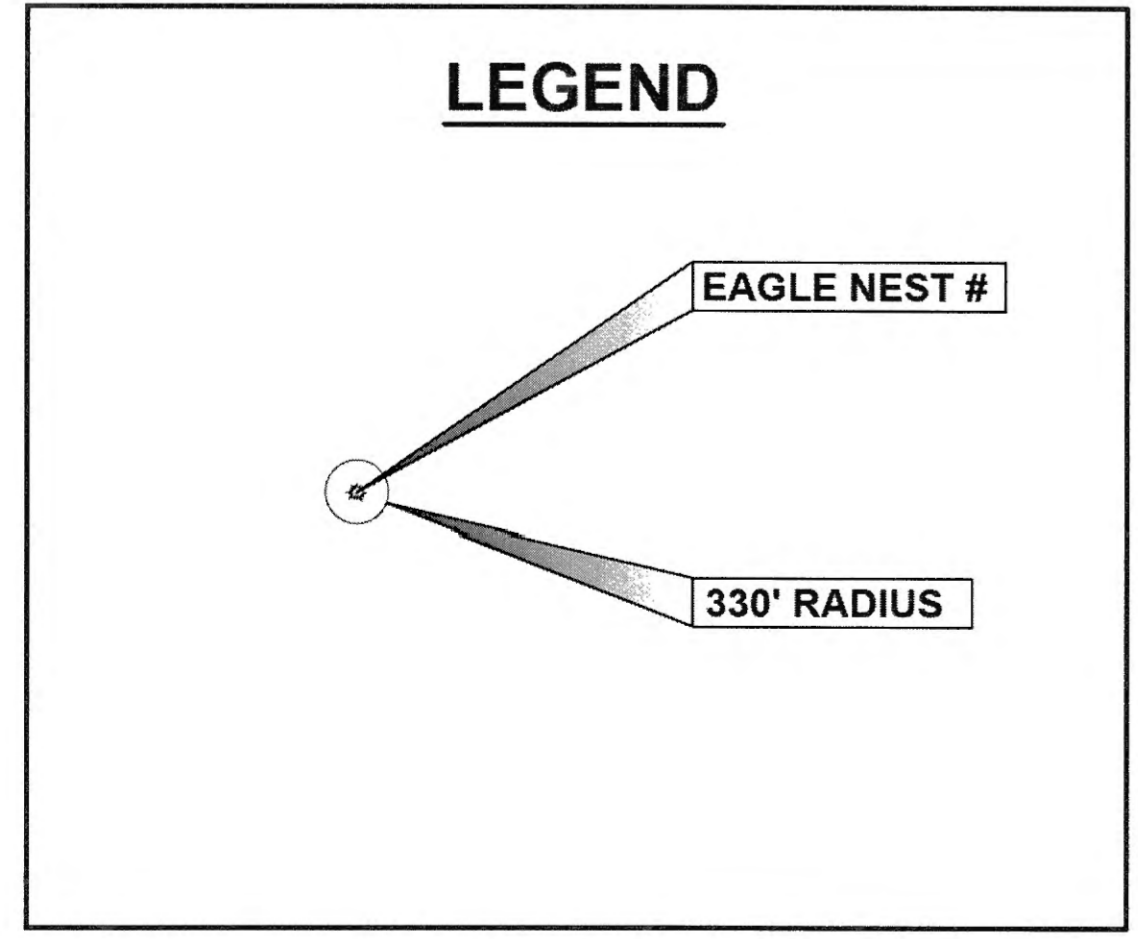
PROJECT DESIGNATION	
NH-0932(049)~68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A2	75



EOP
STA. 471+23.00

STA. 43+50
BEGIN PAVING

BOP
STA. 41+75.00



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stan Wick* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

FILE: C:\nuh\68129\Plan\set\68129_A3_Layout.dwg
 DATE: 7/20/2015 16:23 LAYOUT: A3
 DESIGNED: CHECKED: DRAFTED:

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(049)/68129	2015	A3	105

	RECOVERED	SET
BLM MONUMENT		
GLO MONUMENT		
USC&GS MONUMENT		
PRIMARY MONUMENT		
CENTERLINE MONUMENT IN CASING		
PRIMARY R.O.W. MONUMENT		
BEARING OBJECT		
MISCELLANEOUS MONUMENT		
LINE OF SIGHT MONUMENT		
CONCRETE R.O.W. MONUMENT		
BENCHMARK		
REBAR AND CAP		
REBAR		
IRON PIPE		
PK NAIL		
SPIKE		
HUB AND TACK		
CONSTRUCTION CENTERLINE		
MICELLANEOUS CENTERLINE		
STATION EQUATION	$\frac{L+48+97.23 \text{ POT BK} = O+48+97.23 \text{ PC AHD}}{R/W}$	
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY LINE		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
EXISTING EASEMENT LINE		
PROPOSED EASEMENT LINE		
PROPOSED CUT SLOPE LIMIT		
PROPOSED FILL SLOPE LIMIT		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
TOWNSHIP & RANGE LINE		
MEANDER LINE		

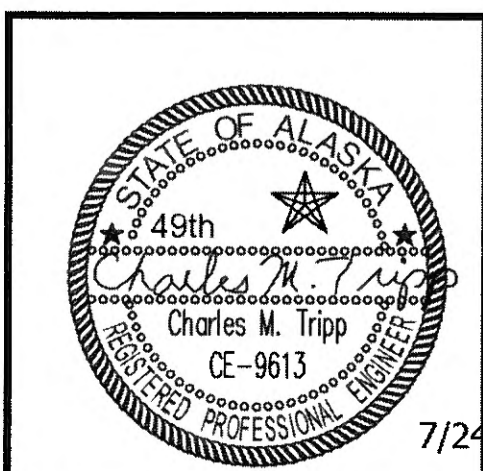
	EXISTING	PROPOSED
SANITARY SEWER (FLOW DIRECTION →)		
FUEL LINE		
GAS LINE		
WATER LINE		
METER, VALVE, FIRE HYDRANT		
EXISTING STORM DRAIN (FLOW DIRECTION →)		
PROPOSED STORM DRAIN		
FIBER OPTIC LINE		
DIRECT BURIAL TELEPHONE CABLE		
DIRECT BURIAL ELECTRIC CABLE		
ELECTRIC LINE (OVERHEAD)		
POWER POLE LINE		
JOINT USE POWER & TELEPHONE		
TELEPHONE POLE LINE		
POLE ANCHOR		
STUB POLE (POWER OR TELEPHONE)		
TELEPHONE DUCT		
TELEPHONE PEDESTAL		
BURIED CABLE MARKER		
PIPELINE MARKER OR VALVE		
CATCH BASIN OR DROP INLET		
MANHOLE		
SANITARY SEWER CLEAN OUT		
PIPE CULVERT		

	EXISTING	PROPOSED
ROADWAY/PAVEMENT EDGE		
FENCE		
CURB AND GUTTER		
DETECTABLE WARNINGS		
GUARDRAIL		
CULVERT PIPE		
SIGN		
MAILBOX		
RAILROAD TRACKS		
RAILROAD DEVICES		
TREE LINE		
WATER BOUNDARY		
ORDINARY HIGH WATER LINE		
FLOW CENTERLINE		
FLOW DIRECTION		
WETLANDS		
EXISTING BUILDINGS		
POST OR BOLLARD		
WELL OR MONITORING WELL		
SEPTIC PIPE		
FUEL TANK FILL PIPE/VENT		
SATELLITE DISH		
TEST HOLE		
CONIFER TREE		
DECIDUOUS TREE		
GRAVE		
THERMOSIPHON		
PARKING METER		
VEHICLE PLUG-IN		
DELINEATOR/GUIDE MARKER		

	EXISTING	PROPOSED
JUNCTION BOX, TYPE IA		
JUNCTION BOX, TYPE II		
JUNCTION BOX, TYPE III		
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
LOOP DETECTOR		
VIDEO DETECTOR		
RADAR DETECTOR		
OPTICOM DETECTOR		
PEDESTRIAN PUSH BUTTON		
SIGNAL POST W/O MAST ARM		
SIGNAL POLE W/MAST ARM		
SIGNAL CONTROLLER		
LOAD CENTER		
LUMINAIRE		
RIGID METAL CONDUIT		

H = HOUSE
 G = GARAGE
 M = MERCHANT/STORE
 B = BARN
 S = SHED
 P = PRIVY
 SS = SERVICE STATION
 W = WAREHOUSE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Steve Miller* Date: 2/18/20



7/24/2015

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**JUNEAU EGAN DRIVE PAVEMENT
 REHABILITATION
 PROJECT #68129**
 LEGEND / SYMBOLS

EGAN 10th TO LOOP DESIGN ALIGNMENT								
SEGMENT	STATION	NORTHING	EASTING	DISTANCE	BEARING	STATION	RADIUS	LENGTH
L1	41+75.00	479772.89	527899.24	1029.08	N35° 15' 05"W	52+04.08		
C1	52+04.08	480613.26	527305.29			55+28.51	1450.25	324.43
L2	55+28.51	480854.90	527089.82	517.97	N48° 44' 44"W	60+46.48		
C2	60+46.48	481196.45	526700.42			63+18.27	573.22	271.79
L3	63+18.27	481416.56	526545.35	268.27	N21° 33' 34"W	65+86.53		
C3	65+86.53	481666.06	526446.78			68+93.05	716.20	306.51
L4	68+93.05	481918.77	526277.47	433.31	N46° 04' 50"W	73+26.36		
L5	73+26.36	482219.34	525965.35	518.93	N46° 04' 50"W	78+45.29		
C4	78+45.29	482579.29	525591.56			83+37.16	881.79	491.87
L6	83+37.16	482806.77	525162.63	223.94	N78° 22' 54"W	85+61.10		
C5	85+61.10	482851.87	524943.28			94+46.70	1092.31	885.60
L7	94+46.70	483344.12	524236.21	3863.20	N32° 00' 16"W	133+09.90		
L8	133+09.90	486620.14	522188.77	1836.34	N33° 11' 10"W	151+46.24		
C6	151+46.24	488156.97	521183.63			154+32.96	1658.53	286.72
L9	154+32.96	488384.67	521009.98	1110.92	N42° 16' 57"W	165+43.88		
C7	165+43.88	489206.57	520262.57			172+90.87	2829.18	746.99
L10	172+90.87	489674.95	519683.45	1214.32	N58° 35' 53"W	185+05.19		
C8	185+05.19	490307.66	518646.98			194+77.70	4405.50	972.51
L11	194+77.70	490901.52	517879.34	2884.30	N47° 25' 14"W	223+62.00		
C9	223+62.00	492853.07	515755.52			232+75.50	5736.92	913.49
L12	232+75.50	493521.98	515134.82	3109.98	N38° 18' 38"W	263+85.48		
C10	263+85.48	495962.27	513206.87			274+93.17	36109.46	1107.69
L13	274+93.17	496842.12	512534.01	3433.59	N35° 33' 59"W	309+26.76		
C11	309+26.76	499635.14	510536.88			327+98.71	2875.73	1871.95
C12	327+98.71	500710.54	509045.00			337+02.75	2845.97	904.05
L14	337+02.75	500836.41	508153.59	1081.45	S88° 58' 51"W	347+84.20		
L15	347+84.20	500817.17	507072.31	5288.67	S88° 59' 06"W	400+72.87		
C13	400+72.87	500723.48	501784.47			416+74.32	1902.14	1601.45
L16	416+74.32	501335.18	500355.31	1943.94	N42° 42' 53"W	436+18.26		

EGAN 10th TO LOOP DESIGN ALIGNMENT								
SEGMENT	STATION	NORTHING	EASTING	DISTANCE	BEARING	STATION	RADIUS	LENGTH
C14	436+18.26	502763.47	499036.64			440+39.22	2817.62	420.96
L17	440+39.22	503092.91	498775.20	1087.24	N34° 11' 25"W	451+26.47		
C15	451+26.47	503992.25	498164.23			459+91.55	1908.25	865.08
L18	459+91.55	504575.25	497535.14	928.30	N60° 08' 34"W	469+19.85		
C16	469+19.85	505037.39	496730.06			469+49.85	25477.49	30.00
C17	469+49.85	505052.31	496704.03			469+64.85	6370.33	15.00
C18	469+64.85	505059.75	496691.00			469+89.86	5308.82	25.01
C19	469+89.86	505072.07	496669.25			470+09.87	3398.11	20.01
C20	470+09.87	505081.84	496651.78			470+33.88	2912.85	24.01
C21	470+33.88	505093.41	496630.75			470+54.89	2230.45	21.01
C22	470+54.89	505103.38	496612.25			470+78.48	2002.98	23.59
C23	470+78.48	505114.34	496591.36			470+99.92	1655.58	21.45
C24	470+99.92	505124.07	496572.25			471+23.27	1525.50	23.35
C25	471+23.27	505134.38	496551.30			471+44.96	1315.53	21.69
C26	471+44.96	505143.63	496531.68			478+19.93	1275.09	674.96
C27	478+19.93	505255.27	495873.98			478+41.61	1315.53	21.69
C28	478+41.61	505253.00	495852.41			478+64.97	1525.50	23.35
C29	478+64.97	505250.19	495829.23			478+86.41	1655.58	21.45
C30	478+86.41	505247.31	495807.98			479+10.00	2002.98	23.59
C31	479+10.00	505243.85	495784.65			479+31.01	2230.45	21.01
C32	479+31.01	505240.55	495763.90			479+55.02	2912.85	24.01
C33	479+55.02	505238.57	495740.22			479+75.03	3398.11	20.01
C34	479+75.03	505233.11	495720.51			480+00.03	5308.82	25.01
C35	480+00.03	505228.66	495695.90			480+15.04	6370.33	15.00
C36	480+15.04	505225.94	495681.15			480+45.04	25477.48	30.00
L19	480+45.04	505220.44	495651.66	899.79	S79° 24' 31"W	489+44.82		
C37	489+44.82	505055.05	494767.20			494+61.08	1271.96	516.25
L20	494+61.08	505064.32	494254.57	2933.51	N77° 20' 12"W	523+94.59		

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 (Destroyed). It relates to AKSPC zone 1 NAD83 (1992) through the following parameters:

- Zone = NAD83 (1992) AKSPC ZONE 1
- Grid Scale = 0.999928875
- Convergence = -0°45'27"
- Translation about USC&GS point EDDIE (Destroyed) as follows:
- AKSPC Northing = 2383469.17 FT US
- AKSPC Easting = 2512570.06 FT US
- Local Northing = 500000.00 FT US
- Local Easting = 500000.00 FT US

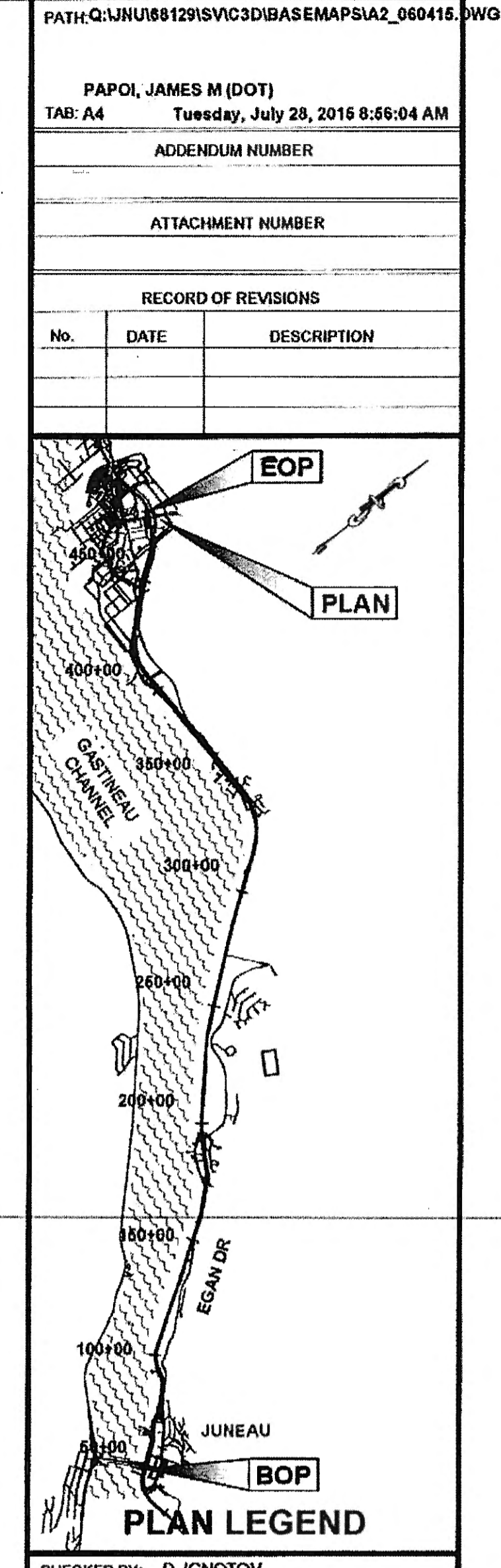
VERTICAL CONTROL

The Vertical Datum for JNU Grid-2000 is Mean Lower Low Water = 0.00' Gastineau Channel - Stephens Pass tidal datum based on NOAA NOS tidal benchmark series 9452210. The tidal epoch is 1960-1978, time period 1994-1998, published 11/1999. The latest NOS publication (May 2014) on the 2007 - 2011 tidal epoch, time period 2007-2011 indicates the tidal benchmark series has risen 0.56' at benchmark 9452210 C.

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.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 2/18/20



PATH: Q:\JNU\68129\SVIC3D\BASEMAPS\A2_060415.DWG

PAPOL, JAMES M (DOT)
 TAB: A4 Tuesday, July 28, 2015 8:56:04 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. IGNOTOV

DESIGNED BY: J. PAPOL
 DRAWN BY: J. PAPOL

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
 PROJECT #68129

SURVEY CONTROL INTERSECTION PLAN

PROJECT DESIGNATION
 NH-0932(049)-68129

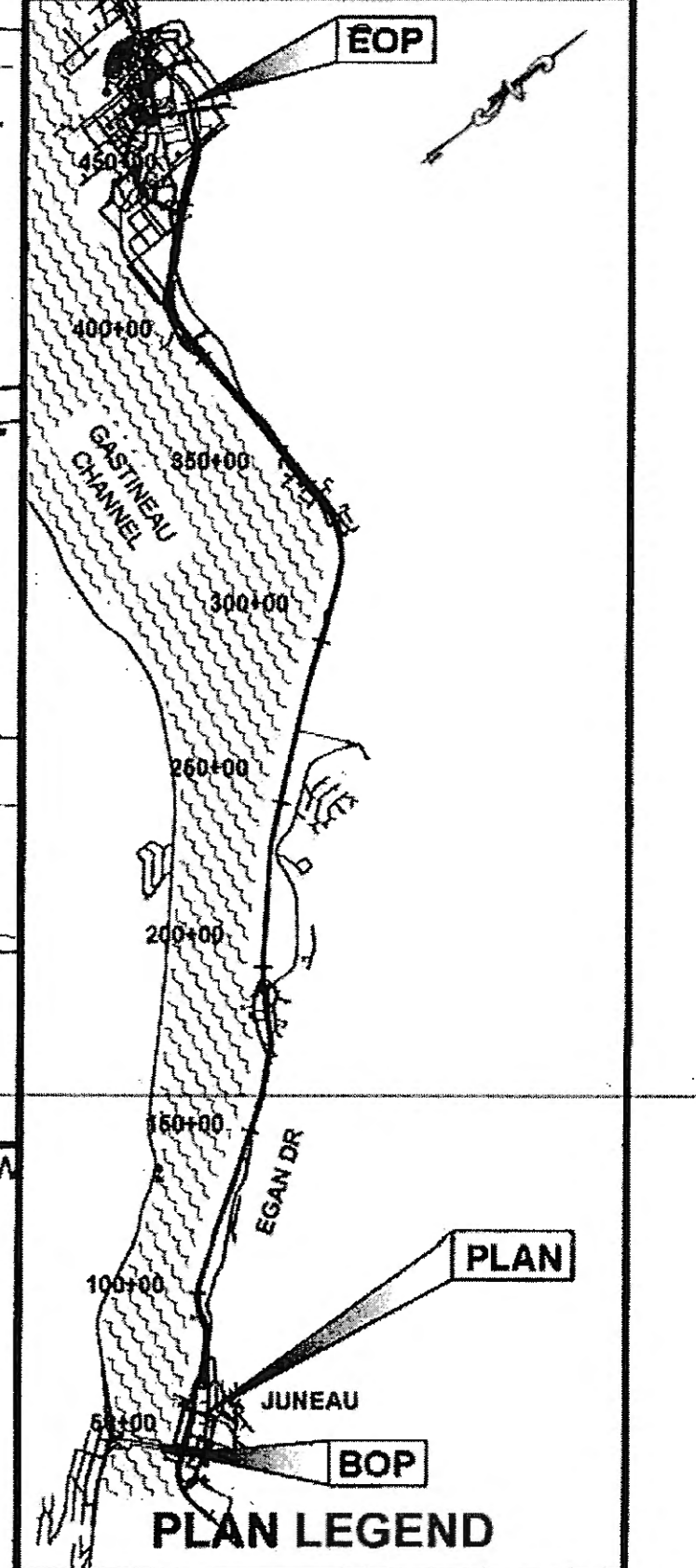
STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
A4	A7

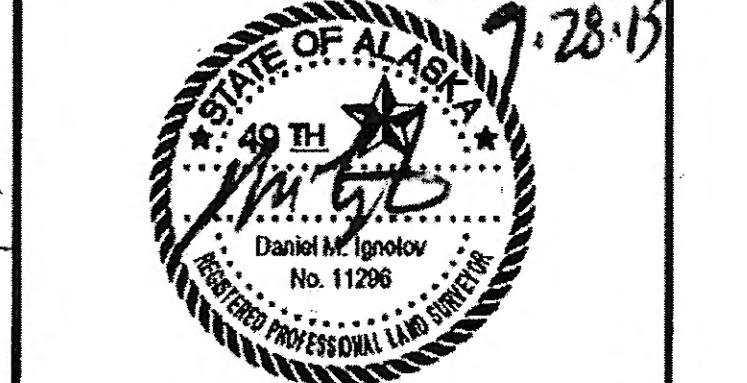
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ADDENDUM NUMBER
 ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: D. IGNOTOV



DESIGNED BY: D. IGNOTOV
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOST REGION
 JNU EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

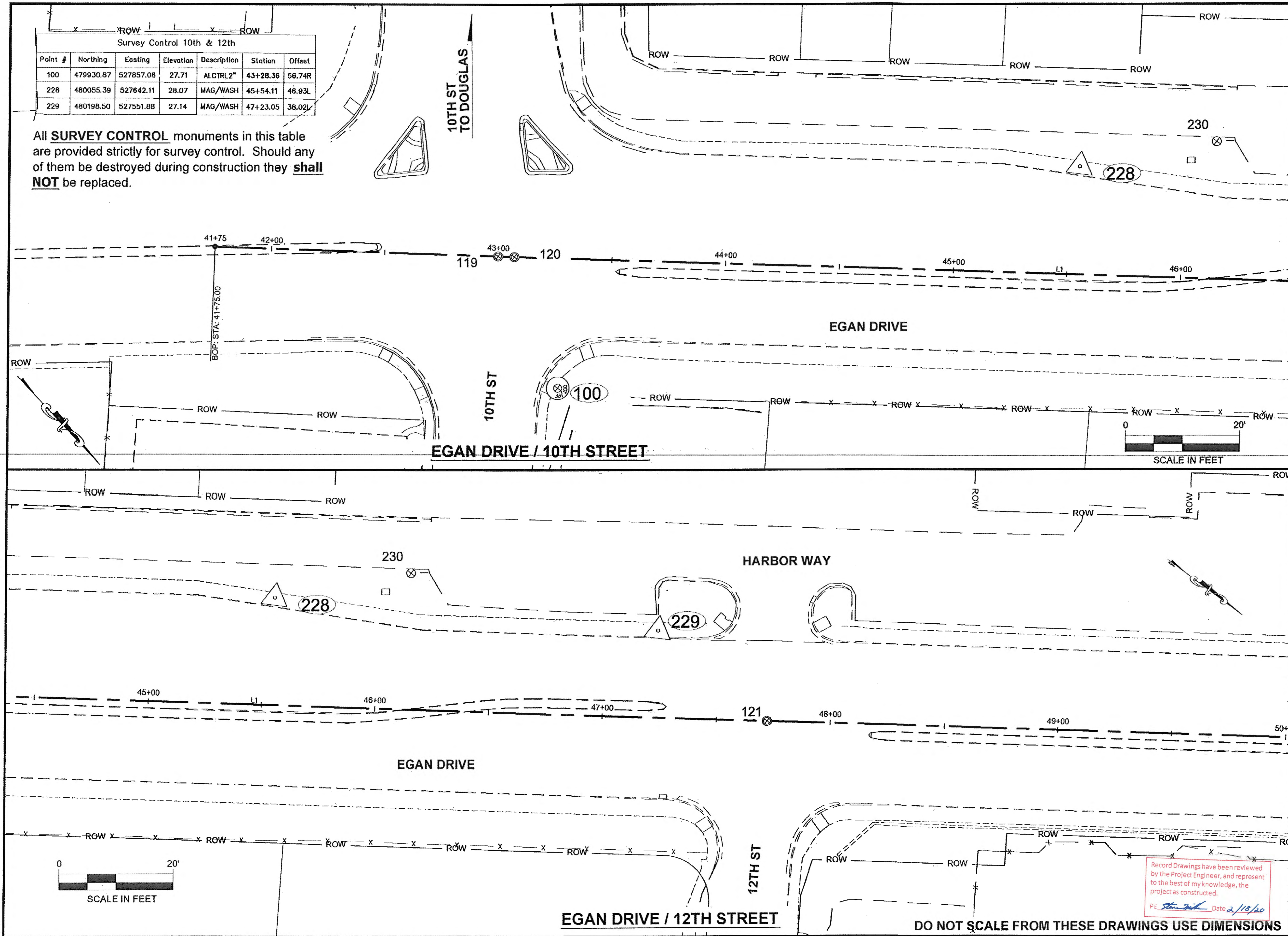
**SURVEY CONTROL
 INTERSECTION PLAN**

PROJECT DESIGNATION	
NH-0932(049)~68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A5	A7

Record Drawings have been reviewed
 by the Project Engineer, and represent
 to the best of my knowledge, the
 project as constructed.
 PE: *[Signature]* Date: 2/18/20

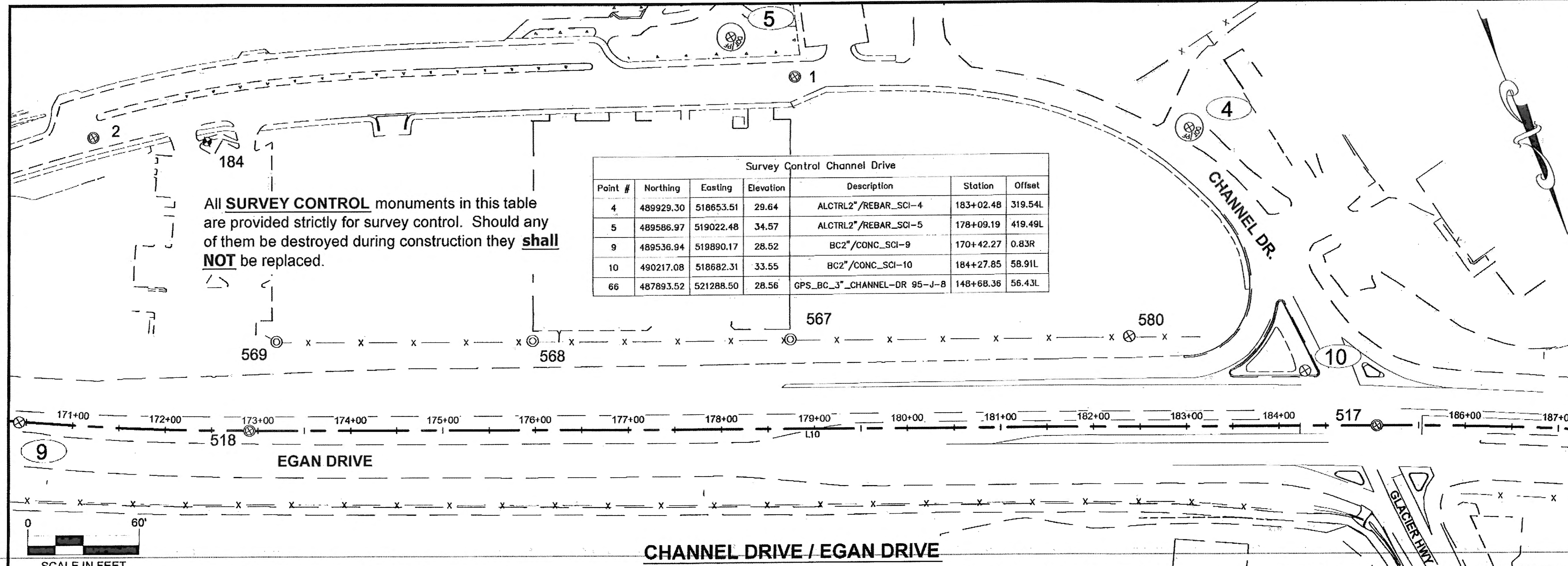
Survey Control 10th & 12th						
Point #	Northing	Easting	Elevation	Description	Station	Offset
100	479930.87	527857.06	27.71	ALCTRL2"	43+28.36	56.74R
228	480055.39	527642.11	28.07	MAG/WASH	45+54.11	46.93L
229	480198.50	527551.88	27.14	MAG/WASH	47+23.05	38.02L

All **SURVEY CONTROL** monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they **shall NOT** be replaced.



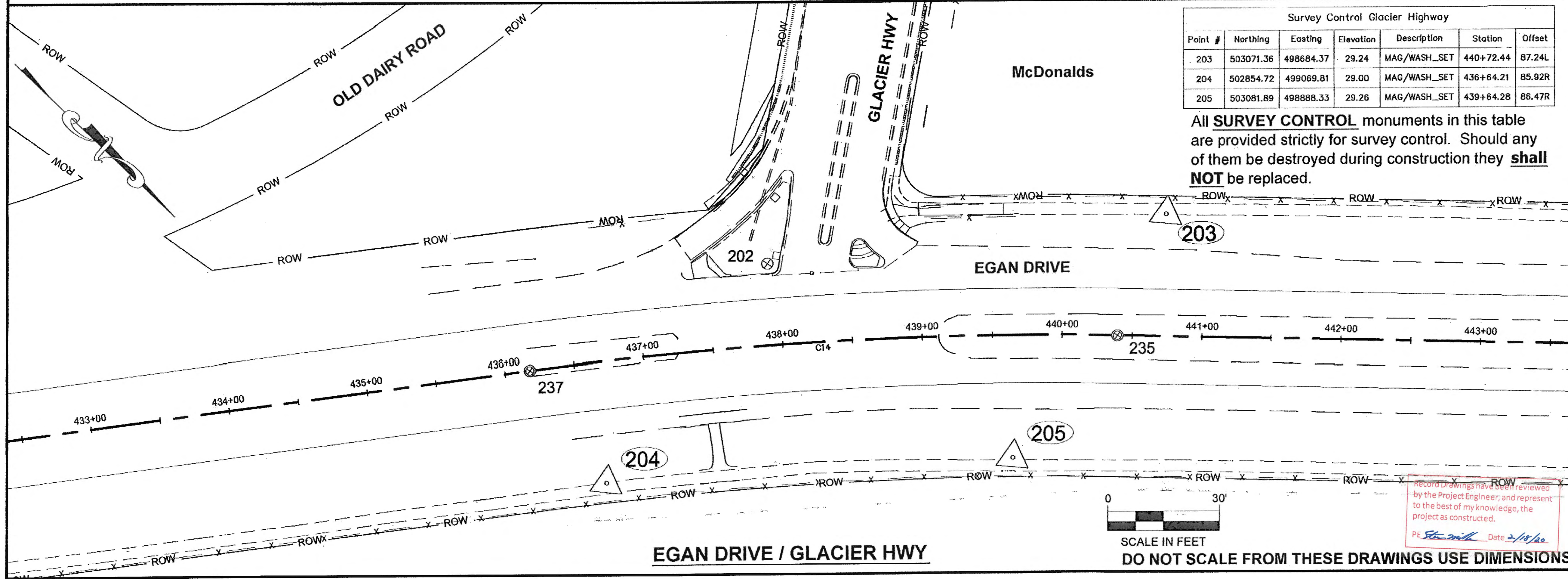
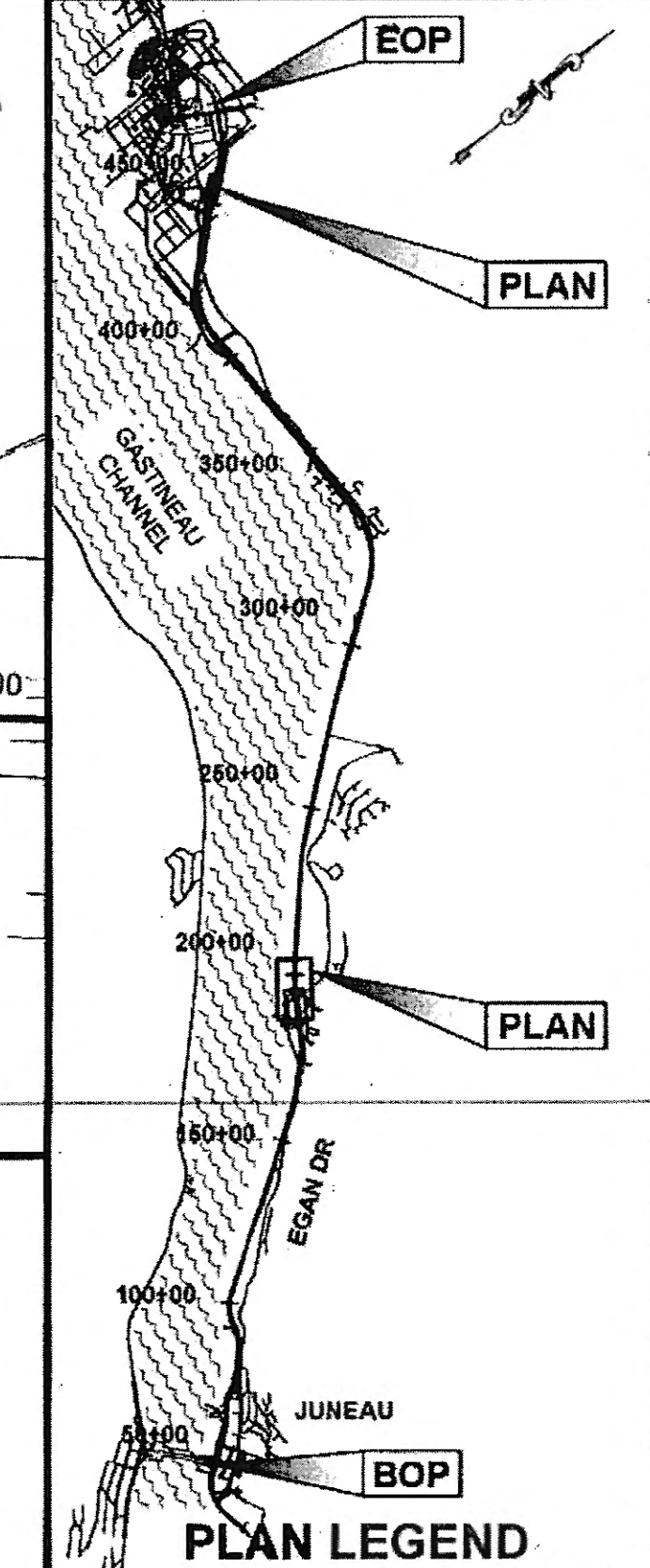
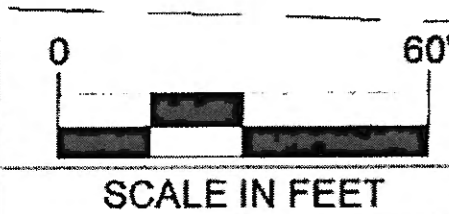
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PAPOL, JAMES M (DOT)	
TAB: A6	Tuesday, July 28, 2015 8:56:32 AM
ADDENDUM NUMBER	
ATTACHMENT NUMBER	
RECORD OF REVISIONS	
No.	DATE DESCRIPTION



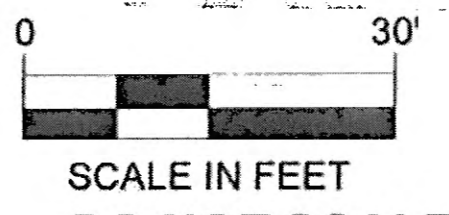
Point #	Northing	Easting	Elevation	Description	Station	Offset
4	489929.30	518653.51	29.64	ALCTRL2"/REBAR_SCI-4	183+02.48	319.54L
5	489586.97	519022.48	34.57	ALCTRL2"/REBAR_SCI-5	178+09.19	419.49L
9	489536.94	519890.17	28.52	BC2"/CONC_SCI-9	170+42.27	0.83R
10	490217.08	518682.31	33.55	BC2"/CONC_SCI-10	184+27.85	58.91L
66	487893.52	521288.50	28.56	GPS_BC_3"_CHANNEL-DR 95-J-8	148+68.36	56.43L

All **SURVEY CONTROL** monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they **shall NOT** be replaced.



Point #	Northing	Easting	Elevation	Description	Station	Offset
203	503071.36	498684.37	29.24	MAG/WASH_SET	440+72.44	87.24L
204	502854.72	499069.81	29.00	MAG/WASH_SET	436+64.21	85.92R
205	503081.89	498888.33	29.26	MAG/WASH_SET	439+64.28	86.47R

All **SURVEY CONTROL** monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they **shall NOT** be replaced.



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Stu Smith* Date 2/18/16

CHECKED BY: D. IGNOTOV

DESIGNED BY: D. IGNOTOV

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOAST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

SURVEY CONTROL INTERSECTION PLAN

PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A6	A7

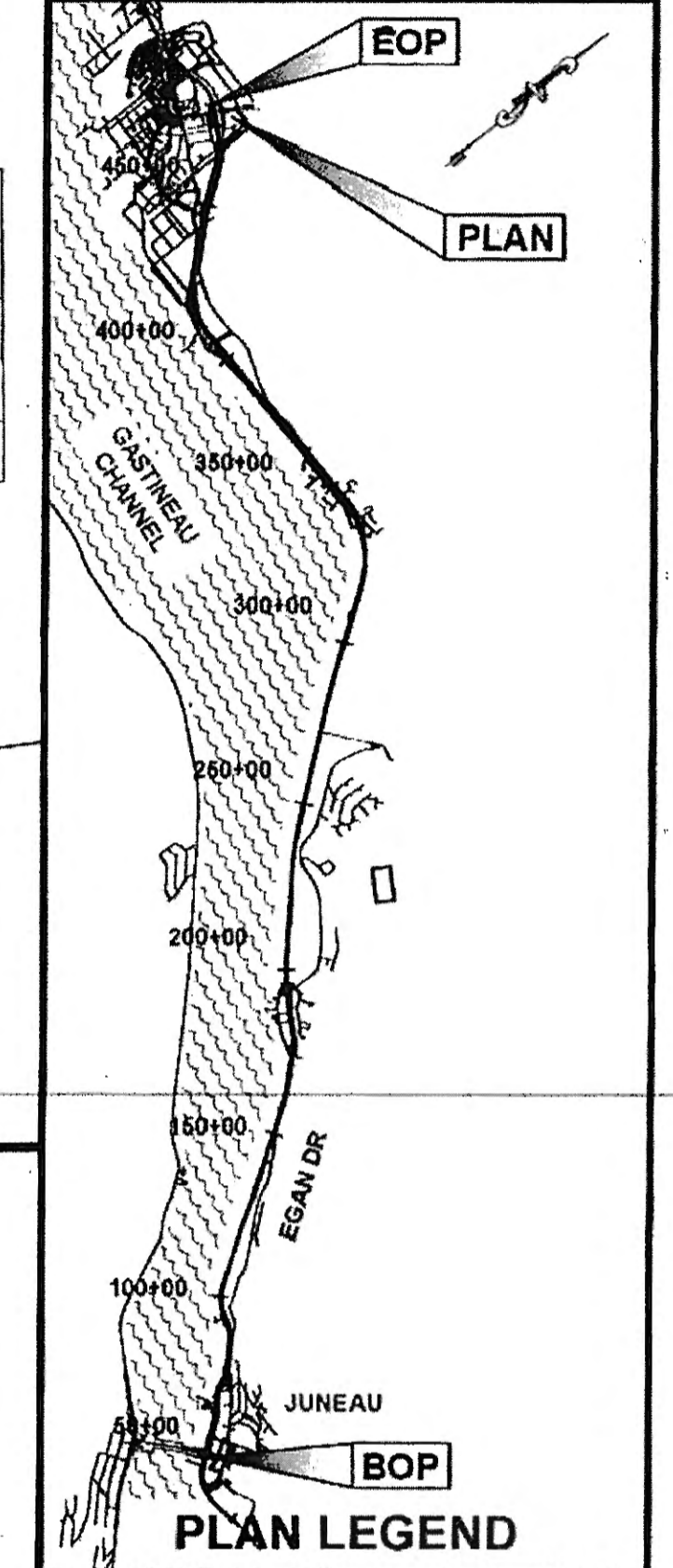
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PAPOL, JAMES M (DOT)
 TAB: A7 Tuesday, July 28, 2015 8:56:45 AM

ADDENDUM NUMBER
 ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. IGNOTOV



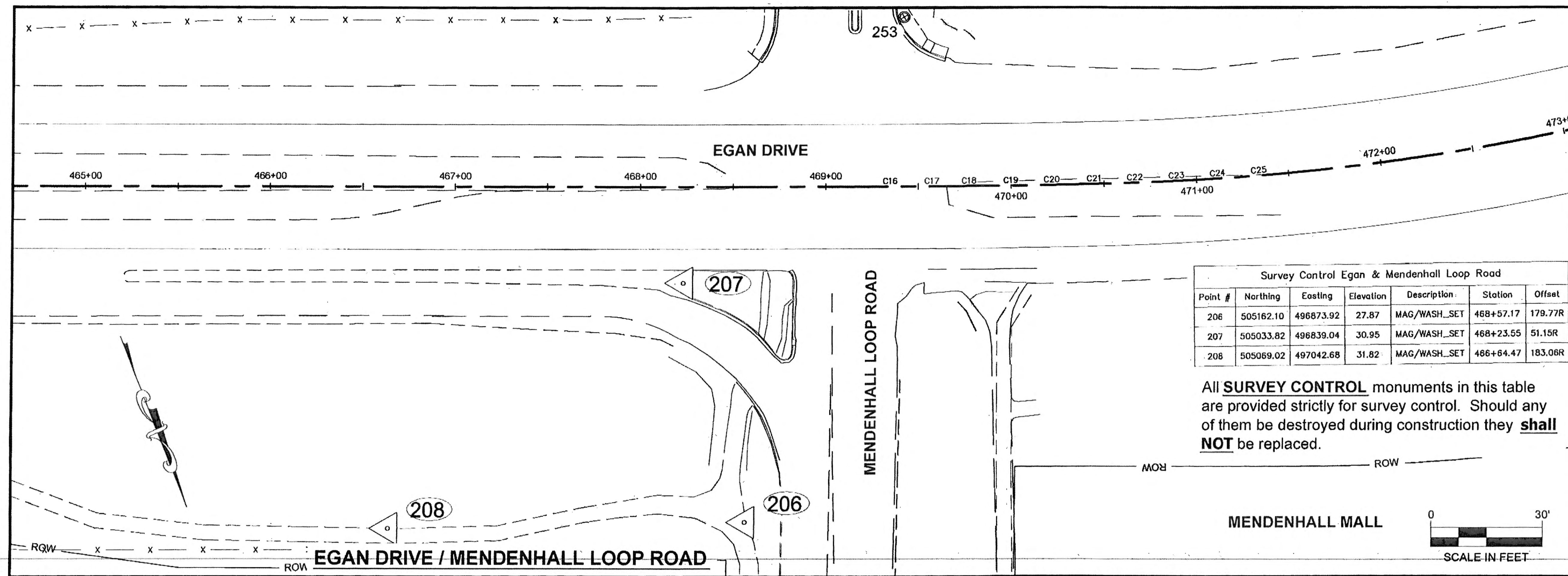
DESIGNED BY: D. IGNOTOV
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOST REGION
 JNU EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

**SURVEY CONTROL
 INTERSECTION PLAN**

PROJECT DESIGNATION
 NH-0932(049)~68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A7	A7



Survey Control Egan & Mendenhall Loop Road

Point #	Northing	Easting	Elevation	Description	Station	Offset
206	505162.10	496873.92	27.87	MAG/WASH_SET	468+57.17	179.77R
207	505033.82	496839.04	30.95	MAG/WASH_SET	468+23.55	51.15R
208	505069.02	497042.68	31.82	MAG/WASH_SET	466+64.47	183.06R

All **SURVEY CONTROL** monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they **shall NOT** be replaced.

Existing Property & Centerline Monuments

Point #	Northing	Easting	Description	Station	Offset
1	489659.63	518986.07	CL_MON_DOH	178+78.13	376.44L
2	489318.77	519664.41	CL_MON_DOH	171+00.68	308.24L
3	499635.14	510536.88	CL_MON_DOH_KM-3"	309+26.76	0.00L
22	496861.41	512514.13	CL_MON_O" PT_208+85.49_KM-22"	275+20.43	4.95L
23	496413.32	512850.55	CL_MON_O" PC_203+25.10_KM-23"	269+60.24	4.68L
42	500766.72	504223.03	CL_MON_O" POT_310+00.00_KM-42"	376+33.93	0.03R
45	500817.21	507072.41	CL_MON_281+50_KM-1"	347+84.10	0.04R
47	482184.12	526095.53	GPS_BC3_HE-2	72+08.17	64.93R
95	500728.02	502040.78	CL_MON_DOH	398+16.52	0.00R
116	481896.05	526152.63	CL_MON	69+67.22	102.97L
117	481985.28	526081.12	CL_MON	70+80.62	88.30L
118	482077.68	525996.69	CL_MON	72+05.52	80.30L
119	479874.96	527827.08	CL_MON_10TH&EGAN	43+00.00	0.02L
120	479880.82	527822.97	CL_MON_10TH&EGAN	43+07.17	0.01R
121	480260.66	527554.51	CL_MON_12TH&EGAN	47+72.30	0.00R
129	480789.38	527097.53	BC_RMC31_ATS3	54+77.53	42.78L
130	481332.20	526680.05	BC3RMC-32/ATS-3/777E	61+81.92	61.21R
184	489386.78	519561.93	TBM_EMPIRE_DIFFEV	172+38.75	308.86L
202	502858.24	498877.21	CTRL_BC_SHMON	437+92.55	58.35L
222	504575.03	497635.74	GPS_CL_MON_(MCNUG8)	459+90.92	0.10R
230	480096.66	527597.31	BC_3.25_TERRA_USACE	46+13.67	59.70L
234	503992.25	498164.23	CL_MON_DOH	451+26.47	0.00L
235	503093.18	498775.20	CL_MON_DOH	440+39.45	0.16R
237	502763.47	499036.64	CL_MON_DOH	436+18.26	0.00L
238	501335.25	500355.25	CL_MON_DOH	416+74.41	0.01R
253	504969.56	496665.62	CL_MON_DOT	469+42.04	90.90L

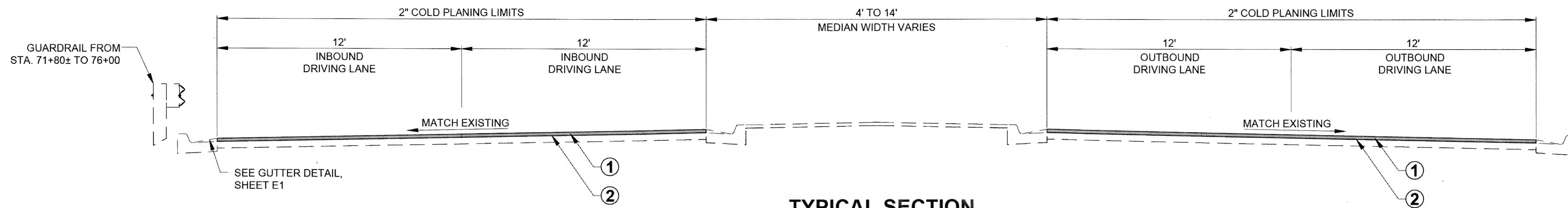
Existing Property & Centerline Monuments

Point #	Northing	Easting	Description	Station	Offset
413	495962.27	513206.87	CL_MON_A*10+00/POC_O*197+50.16	263+85.48	0.00R
414	493521.98	515134.82	CL_MON_PT_O*166+39.59	232+75.50	0.00R
415	492853.07	515755.52	CL_MON_PC_O*157+	223+62.00	0.00R
454	481232.40	526668.26	USACE_BC3.5_TL-1	60+84.74	3.81R
513	489311.68	519965.27	CL_MON_DOH	168+38.62	128.80L
516	490901.55	517879.35	CL_MON_DOH	194+77.72	0.03R
517	490307.63	518647.04	CL_MON_DOH_POC118+70.47	185+05.13	0.00R
518	489674.95	519683.45	CL_MON_DOH	172+90.87	0.00R
519	486624.79	522185.73	CL_MON_DOH	133+15.46	0.00R
520	485970.09	522613.80	CL_MON_DOH	126+33.40	15.91R
521	485884.32	522667.71	CL_MON_DOH	124+32.09	16.17R
553	486768.36	522354.78	BC3_SIDEWALK_HE-10	133+43.08	220.07R
567	489896.91	519135.91	PLASCAP_1410S	178+73.86	95.84L
568	489752.89	519372.72	PLASCAP_1410S	175+96.75	95.30L
569	489608.92	519609.39	PLASCAP_1410S	173+19.68	94.95L
575	489073.30	520312.97	CL_MON_DOH	164+11.37	52.37L
580	490086.10	518824.67	ALPRIM3.25_S1075	182+38.09	96.54L
985	482806.77	525162.63	CL_MON_DOH	83+37.16	0.00R
986	482579.39	525591.56	CL_MON_DOH	78+45.36	0.07R
987	482436.95	525739.46	CL_MON_DOH	76+40.02	0.06R
988	482219.42	525965.35	CL_MON_DOH	73+26.42	0.06R
989	480863.36	527080.29	CL_MON_DOH	55+41.25	0.08R
991	481416.54	526545.37	CL_MON_EC-12	63+18.24	0.00R
993	480613.26	527305.30	CL_MON_EGAN_PT	52+04.08	0.01R
994	481196.45	526700.42	CL_MON_EGAN	60+46.48	0.00R

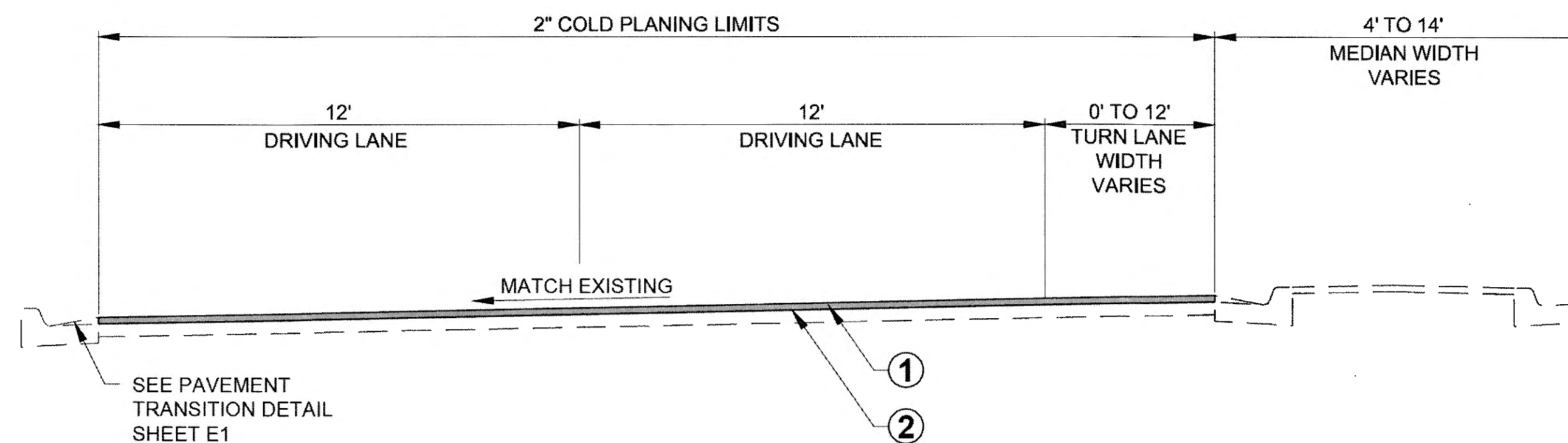
All **PROPERTY & CENTERLINE MONUMENTS** in these existing tables shall be **preserved** or **referenced** prior to disturbance and replaced at their original horizontal position. This is a partial list be aware for other centerline and property monuments that may be in the work area. As always reference before the monument is disturbed. Replace after construction and file a record of monument form.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stan Miller* Date 2/18/20

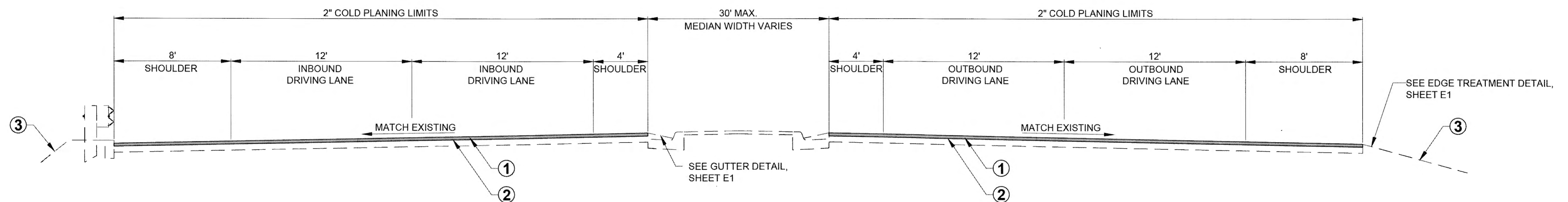
MONUMENT NOTES:
 1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.
 2. Whether listed or not, all monuments, property markers, or accessories 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.



TYPICAL SECTION
43+50 TO STA. 76+50



TYPICAL SECTION AT TURN LANE
43+50 TO STA. 76+50
(INBOUND SHOWN, OUTBOUND IS MIRRORED)



TYPICAL SECTION
STA. 76+50 TO STA. 84+50


TYPICAL SECTION NOTES:

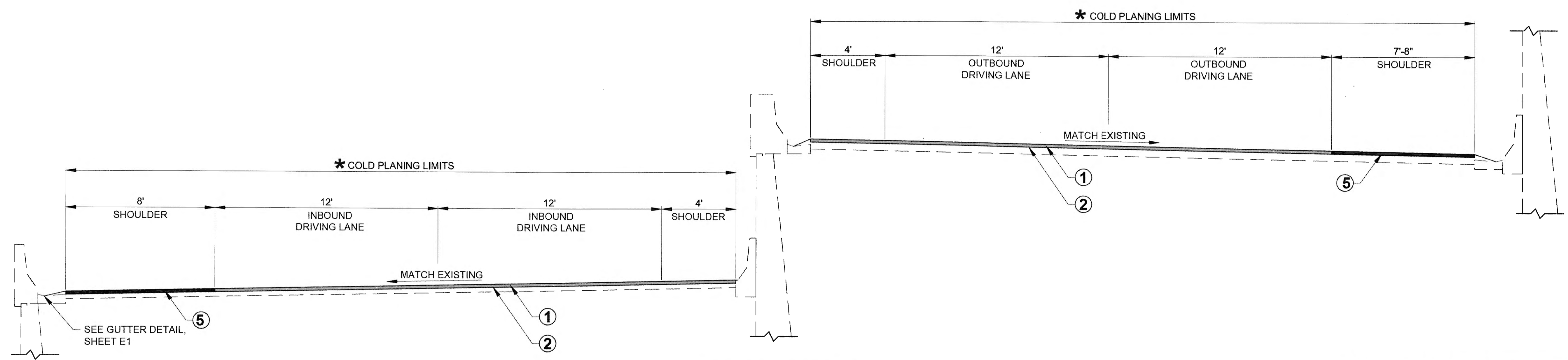
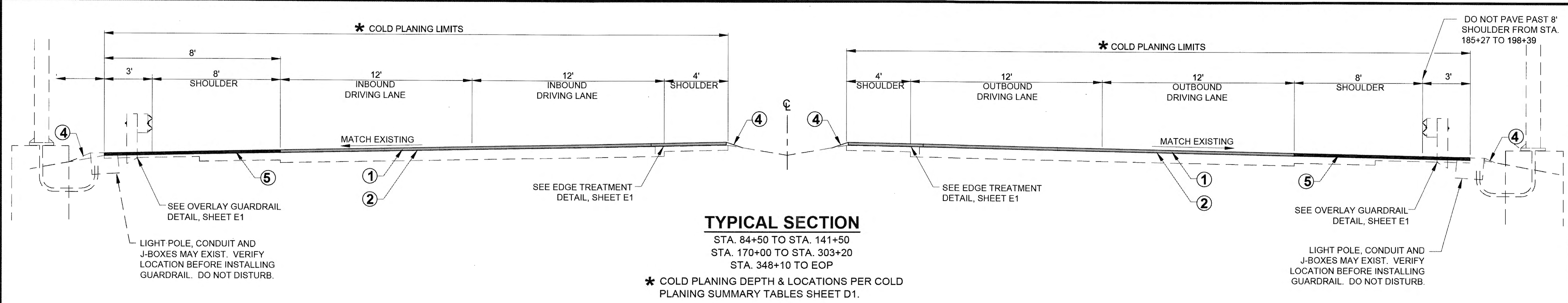
1. COMPLETE PAVING FROM HIGH SIDE TO LOW SIDE TO AVOID PONDING. WORK FROM LOW SIDE TO HIGH SIDE MAY BE APPROVED BY THE ENGINEER IF THE CONTRACTOR ALLOWS PROVISIONS FOR POSITIVE DRAINAGE.
2. MINIMIZE PAVEMENT JOINTS. WHEN A JOINT IS REQUIRED, LOCATE IT AT CENTERLINE OR LANE EDGE LINES AS APPROVED BY THE ENGINEER.
3. THE ENGINEER WILL ESTABLISH THE EXACT BEGINNING AND ENDING SEGMENTS FOR CHANGES IN THE TYPICAL SECTION CONSTRUCTION. TRANSITIONS BETWEEN TYPICAL SECTIONS WILL BE APPROVED BY THE ENGINEER.
4. COLD PLANING DEPTH MAY VARY AT RUTS, POTHOLES, AND OTHER FEATURES. THE INTENT IS TO PROVIDE A 2 INCH OVERLAY WITHOUT RAISING THE PAVEMENT SURFACE ABOVE CONTROLLING FEATURES LIKE SIDE STREETS, THE TOP OF CURB, ETC.
5. STOCKPILE ASPHALT MATERIAL REMOVED DURING COLD PLANING AT THE DEPARTMENT ASPHALT STOCKPILE AT THE INTERSECTION OF EGAN DRIVE & MENDENHALL LOOP ROAD.
6. ASPHALT REMOVAL ON THE LEMON CREEK AND SUNNY POINT BRIDGES SHALL BE DONE BY HAND, AND COLD PLANING MACHINERY SHALL NOT BE PERMITTED TO OPERATE ON THESE BRIDGES. AVOID DAMAGING THE WATERPROOFING MEMBRANE OVER THE BRIDGE DECK. COLD PLANING IS PERMITTED ON THE SALMON CREEK BRIDGE.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *St. Trip* Date 2/18/20

LEGEND	
①	2" HMA, TYPE SP, CLASS B
②	STE-1 TACK COAT
③	EXISTING GROUND

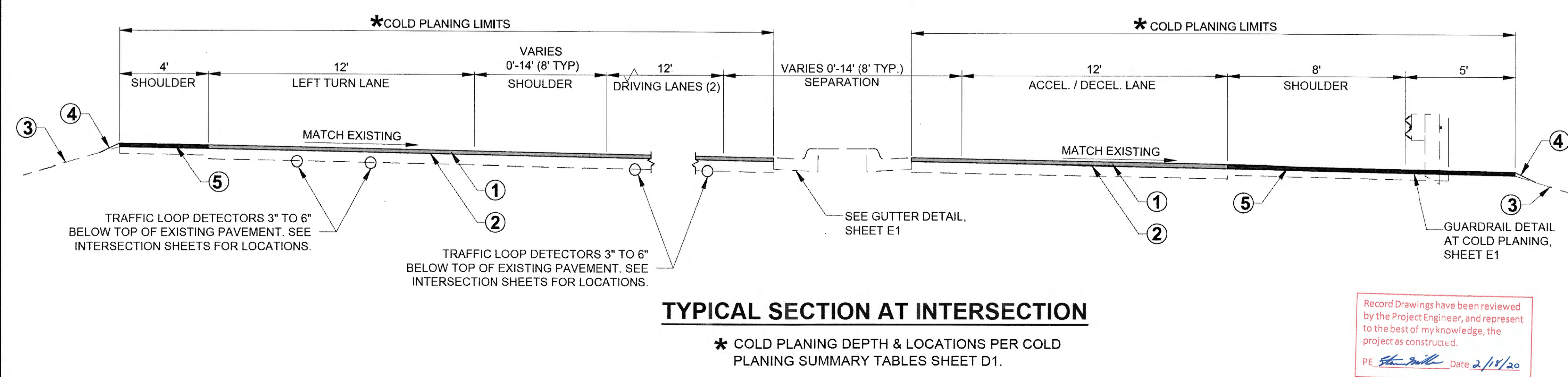
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION	
		JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129	
DESIGNED BY: CT, CI, NG, TF		TYPICAL SECTIONS	
DRAWN BY: RG, NG, TF		GEARY, NATE (DOT)	
PATH: Q:\UNU\68129\PLANSET\68129_B1-B3_TYP.DWG		Thursday, October 22, 2015 2:27:53 PM	
TAB: B1		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	SHEET NO.
		NH-0932(049)-68129	2015
			B1
			B3



LEGEND

- ① 2" HMA, TYPE SP, CLASS B
- ② STE-1 TACK COAT
- ③ EXISTING GROUND
- ④ LINEAR GRADING
- ⑤ 2" HMA, TYPE II, CLASS B



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Miller* Date 2/11/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF

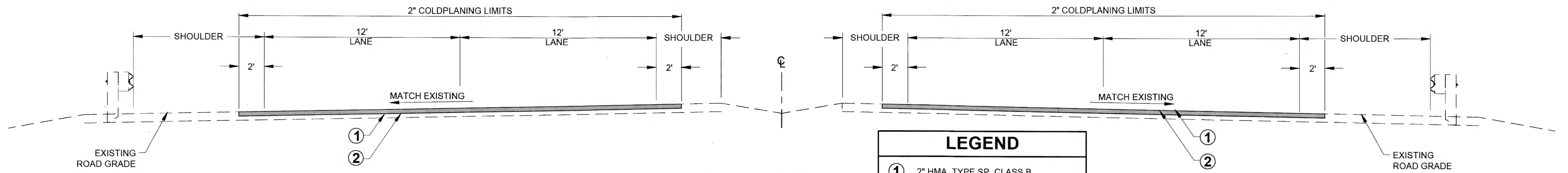
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOAST REGION

JUNEAU
 EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129

TYPICAL SECTIONS

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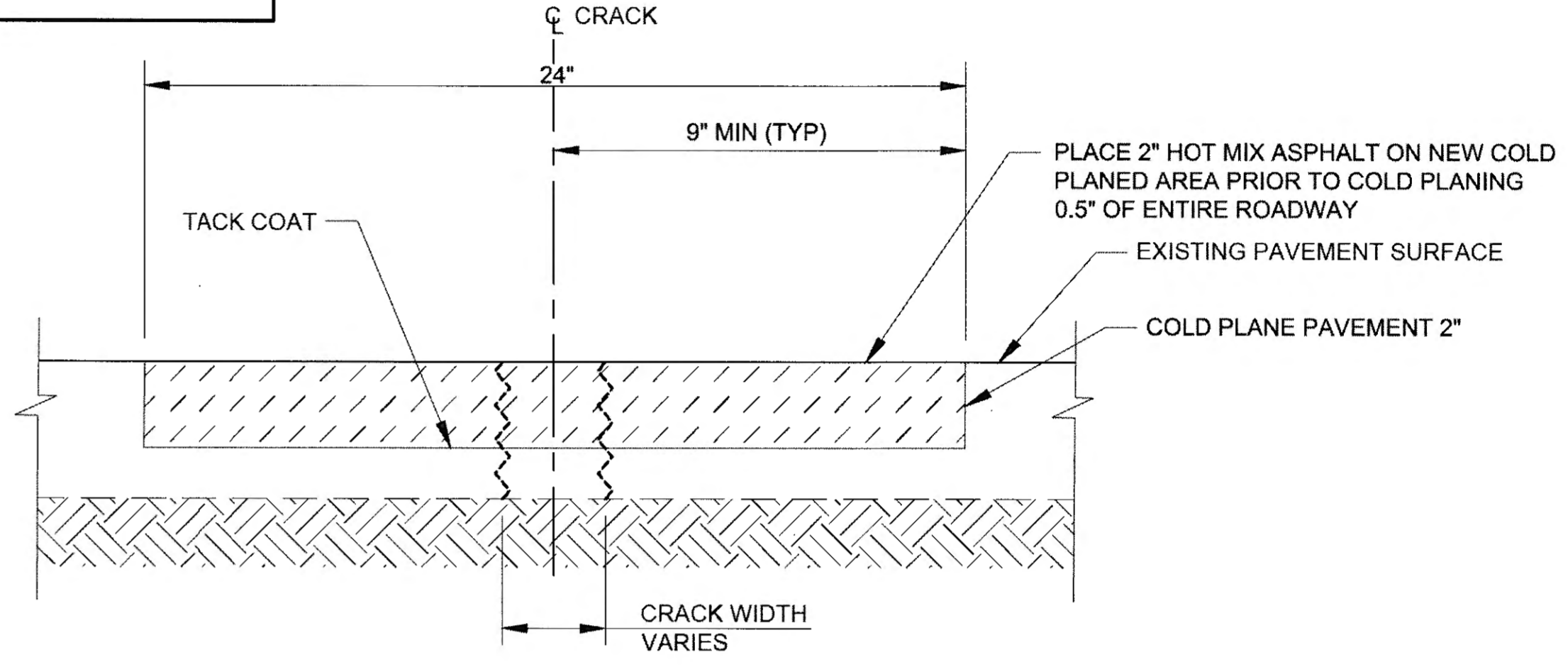
REVISIONS			YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION			
			2015	B2	B3



LEGEND

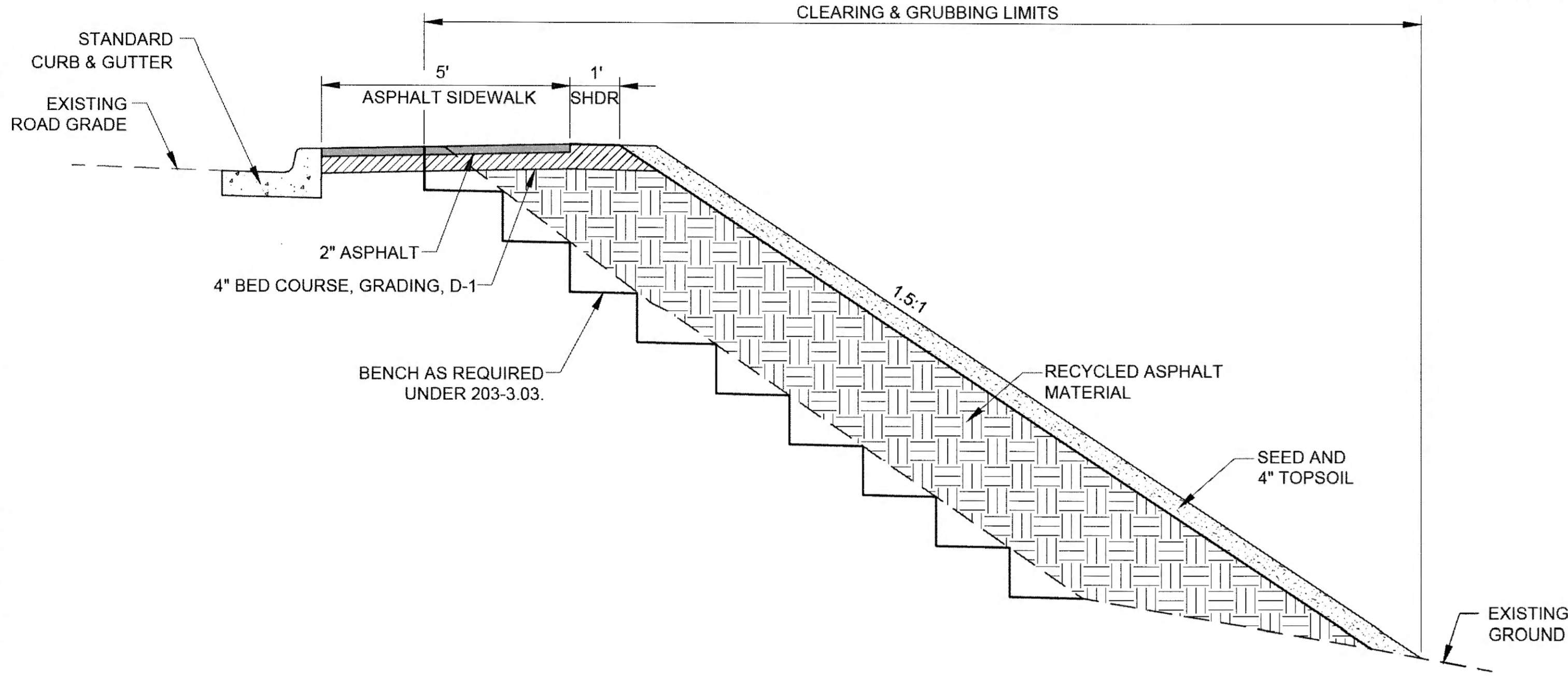
- ① 2" HMA, TYPE SP, CLASS B
- ② STE-1 TACK COAT

TYPICAL SECTION
STA. 303+20 TO STA. 348+10

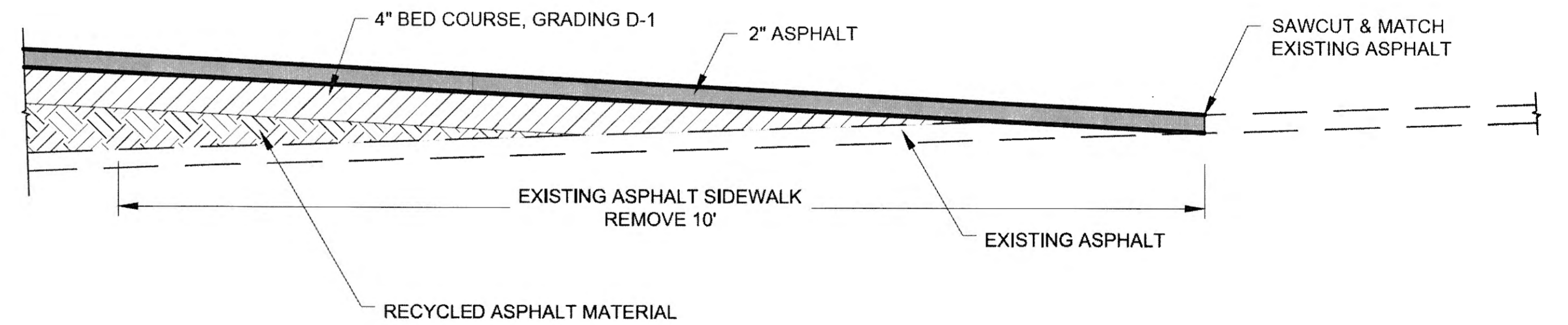


LONGITUDINAL JOINT REPAIR DETAIL
N.T.S.

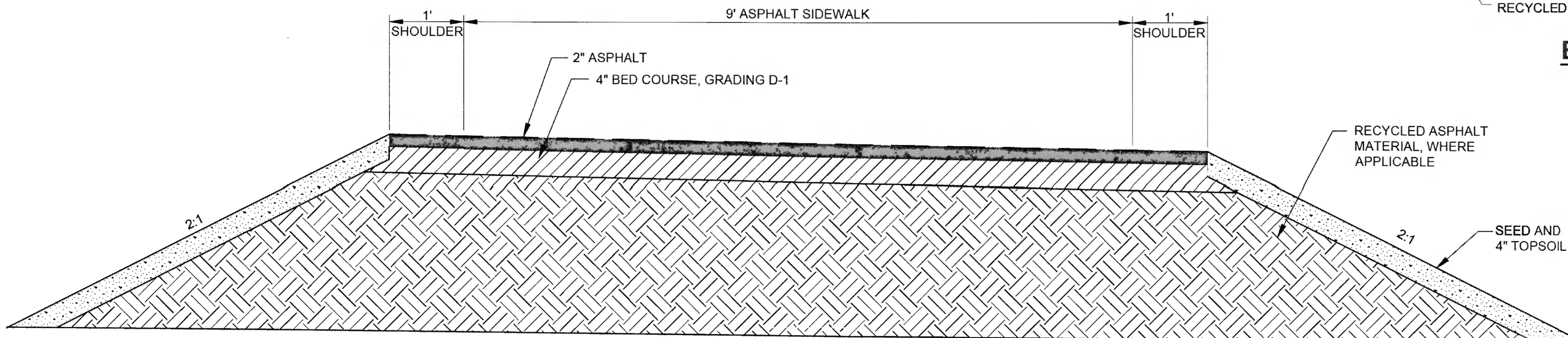
- NOTE:**
1. APPLY APPROVED TACK COAT PRIOR TO PAVING.
 2. LONGITUDINAL REPAIR CONSISTS OF COLD PLANING THE EXISTING PAVING JOINTS AND REPAVING AS SHOWN. SEE 409(1) SUMMARY TABLE FOR REPAIR LOCATIONS.



CHANNEL DRIVE SIDEWALK EXTENSION
N.T.S.
STA. 183+63 TO STA. 183+65 - SEE SHEET E6



BIKEPATH TRANSITION
N.T.S.



BIKEPATH TYPICAL SECTION
N.T.S.
ALIGNMENT "A" STA. 0+09.79 TO STA. 0+26.57 - SEE SHEET E7
ALIGNMENT "B" STA. 0+00.00 TO STA. 1+05.89 - SEE SHEET E8
ALIGNMENT "C" STA. 0+09.68 TO STA. 0+41.54 - SEE SHEET E10

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Hall* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JUNEAU
EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129

TYPICAL SECTIONS

DESIGNED BY: CT, CI, NG, TF
DRAWN BY: RG, NG, TF

PATH: Q:\NUJ68129\PLANSET\68129_B1-B3_TYP.DWG
TAB: B3 Thursday, October 22, 2015 2:27:55 PM GEARY, NATE (DOT)

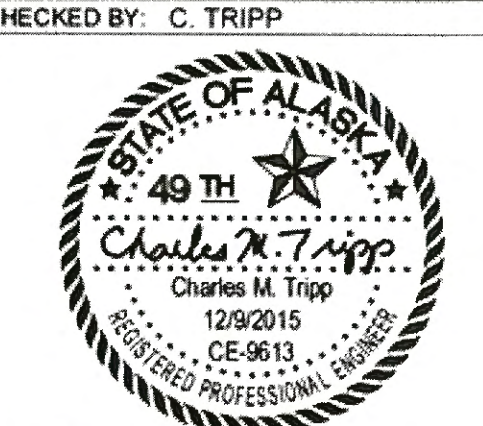
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-0932(049)-68129	2015	B3	B3

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201(3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED
201(7)	INVASIVE SPECIES CONTROL, REMOVAL, AND DISPOSAL	SQUARE YARD	160 0
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQUIRED
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	1,952 3,144.49
202(3)	REMOVAL OF SIDEWALK, CO 10	SQUARE YARD	192 201.60
202(9)	REMOVAL OF CURB AND GUTTER, CO 10	LINEAR FOOT	576 394.90
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	96 233.41
303(3)	LINEAR GRADING	STATION	669 793.18
304(1C)	SUBBASE, GRADING C	TON	14 0
401(1SP)	HMA, SP, TYPE B, CO 4	TON	28,400 38,513.75
401(4)	ASPHALT BINDER, GRADE PG 64-28, CO 4	TON	2,442 1,659.57
401(8SP)	HMA PRICE ADJUSTMENT, SP, TYPE B	CONTINGENT SUM	ALL REQUIRED
401(10)	PAVEMENT SMOOTHNESS PRICE ADJUSTMENT, METHOD 2	CONTINGENT SUM	ALL REQUIRED
401(15)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401(17)	PRELEVEL FOR RUTS, DELAMINATIONS, & DEPRESSIONS	SQUARE YARD	88 6.5
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	143 153.29
408(1)	2" PAVEMENT COLD PLANING	SQUARE YARD	114,240 112,398.50
408(2)	1/2" PAVEMENT COLD PLANING	SQUARE YARD	256,200 254,142.50
409(1)	LONGITUDINAL JOINT REPAIR	LINEAR FOOT	172,200 11,049.54
410(11)	HMA, TYPE II, CLASS B	TON	12,300 8,588.00
410(11)	HMA PRICE ADJUSTMENT, TYPE II, CLASS B	CONTINGENT SUM	ALL REQUIRED
507(7)	STEEL BRIDGE RAILING REPLACEMENT	LINEAR FOOT	725 40
508(1)	WATERPROOFING MEMBRANE	LUMP SUM	ALL REQUIRED
603(9)-12	12 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	25 3.5
603(22)-18	18 INCH LINER PIPE	LINEAR FOOT	1,338 1,351.07
603(22)-24	24 INCH LINER PIPE	LINEAR FOOT	144 14.6
603(22)-36	36 INCH LINER PIPE	LINEAR FOOT	136 134.60
603(22)-48	48 INCH LINER PIPE	LINEAR FOOT	332 356.60
603(22)-60	60 INCH LINER PIPE	LINEAR FOOT	1,042 1,049.90
604(4)	ADJUST EXISTING MONUMENT	EACH	2
604(8)	MANHOLE FRAME AND COVER REPLACEMENT	EACH	2
606(1)	W-BEAM GUARDRAIL, CO 7	LINEAR FOOT	97,027 36,535.33
606(8)	REMOVING AND DISPOSING OF GUARDRAIL, CO 7	LINEAR FOOT	40,800 34,304.40
606(8)	DOUBLE-FACED, W-BEAM GUARDRAIL	LINEAR FOOT	2,202 218.74
606(13)	PARALLEL GUARDRAIL TERMINAL, CO 7	EACH	9 8
606(16)	TRANSITION RAIL	EACH	8
608(1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	369 344.73
608(3)	ASPHALT SIDEWALK	SQUARE YARD	204 257.30
608(6)	CURB RAMP	EACH	26 27
609(2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	566 774.53
615(1)	STANDARD SIGN	SQUARE FOOT	2,498 2599.09
615(5)	DELINEATOR, FLEXIBLE	EACH	107 74
629(1)	GUARDRAIL PAVING	LINEAR FOOT	35,973 33,991.10
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641(5)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED
641(6)	WITHOLDING	CONTINGENT SUM	ALL REQUIRED
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642(4)	SET PRIMARY MONUMENT	EACH	6 0
642(9)	REFERENCE EXISTING MONUMENT	EACH	8 0
642(13)	ADJUST EXISTING PRIMARY MONUMENT	EACH	2 0
642(14)	DRAFT RECORD OF MONUMENT FORM	EACH	6 0
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643(14)	INTERIM PAVEMENT MARKING	STATION	-2,355 147.34
643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643(23)	TRAFFIC PRICE ADJUSTMENT, CO 10	CONTINGENT SUM	ALL REQUIRED
643(25)	TRAFFIC CONTROL, CO 10	CONTINGENT SUM	ALL REQUIRED
643(33)	PUBLIC INFORMATION PROGRAM	LUMP SUM	ALL REQUIRED
643(34)	PORTABLE CONCRETE BARRIER	LUMP SUM	ALL REQUIRED
644(1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED
645(1)	TRAINING PROGRAM, TRAINEES/APPRENTICES	LABOR HOUR	4 1300.00
646(1)	CPM SCHEDULING, CO 10	LUMP SUM	ALL REQUIRED
680(1)	TRAFFIC SIGNAL SYSTEM COMPLETE (MCNUGGET & LOOP INTERSECTIONS)	LUMP SUM	ALL REQUIRED
670(1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED
670(13)	INLAID METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE		
ITEM NO.	ITEM	ESTIMATING FACTOR
301(1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TONS/C.Y.
304 (1)	SUBBASE, GRADING B	2.3 TONS/C.Y.
401 (1SP)	HMA, SP, TYPE B	117 LBS./S.Y./IN.
401 (4)	ASPHALT BINDER, GRADE PG-64-28	6.0% OF ITEM 401(1)
401(10)	PAVEMENT SMOOTHNESS PRICE ADJUSTMENT, METHOD 2	TRAVEL LANE MEASURED: STA 71+00 TO EOP 7.58MI X 24' W X 2 LANES
402 (1)	STE-1 ASPHALT FOR TACK COAT	0.1 GAL/S.Y.; 243 GAL/TON
408 (1)	PAVEMENT COLD PLANING	14,095 CY OF RAM GENERATED/1.96 TONS/C.Y.
410 (11)	HMA, TYPE II, CLASS B	117 LBS./S.Y./IN.
615(5)	DELINEATOR, FLEXIBLE	5 TYPE A, 102 TYPE B
643(13)	INTERIM PAVEMENT MARKING	60,000 S.F.
670(1)	PAINTED TRAFFIC MARKINGS	2,750 S.F.
670(13)	INLAID METHYL METHACRYLATE PAVEMENT MARKINGS	89,214 LF 4" SOLID YELLOW 435 LF 4" SOLID DOUBLE YELLOW 89,835 LF 4" SOLID WHITE 86,450 LF 4" DASHED WHITE 16,743 LF 8" SOLID WHITE 1,747 LF 24" SOLID WHITE 4,550 LF 18" SOLID WHITE DIAGONAL ARROW - 71 EACH 4,841 LF 4" DOTTED WHITE 1,518 LF 12" YELLOW CURB
NEW ITEMS ADDED BY CHANGE ORDER		
111(1)	LATE PAYMENT INTEREST, CO 16	LUMP SUM ALL REQ'D
111(1)	DISPUTED QUANTITIES EQUITABLE ADJUSTMENT, CO 21	LUMP SUM ALL REQ'D
111(2)	LATE PAYMENT INTEREST II, CO 22	LUMP SUM ALL REQ'D
202(13)	REMOVAL OF GUARDRAIL PAVEMENT, CO 4	SQUARE YARD 5,135.10
202(20)	NON-PAR ITEMS, CO 10	LUMP SUM ALL REQ'D
401(20)	ASPHALT BLISTER REPAIR, CO 17	LUMP SUM ALL REQ'D
408(1A)	PAVEMENT COLD PLANING STANDBY, CO 17	LUMP SUM ALL REQ'D
501(9)	CONCRETE SINKHOLE REPAIR, CO 8	LUMP SUM ALL REQ'D
507(1a)	REVISED BRONZE BRIDGE No. PLATES, CO 6	LUMP SUM ALL REQ'D
603(22)	FURNISH ADDITIONAL HDPE LINER PIPE, CO 9	LUMP SUM ALL REQ'D
606(1B)	REMOVE AND SALVAGE RADIUS RAIL, CO 19	LUMP SUM ALL REQ'D
606(19)	GUARDRAIL MODIFICATION, CO 19	LUMP SUM ALL REQ'D
606(20)	REMOVING AND RECONSTRUCTION GUARDRAIL, CO 19	LUMP SUM ALL REQ'D
640(20)	PROGRESS SCHEDULES, CO 10	LUMP SUM ALL REQ'D
642(1a)	ADDITIONAL CONSTRUCTION SURVEYING, CO 11	HOUR 48.94
643(20)	TRAFFIC MAINTENANCE PRICE REDUCTION, CO 10	CONTINGENT SUM ALL REQ'D
643(20B)	NON-PAR TRAFFIC MAINTENANCE, CO 10	CONTINGENT SUM ALL REQ'D
643(20C)	ADDED PHASING COST, CO 10	LUMP SUM ALL REQ'D
660(18)	PEDESTRIAN SIGNAL SYSTEM MODIFICATIONS, CO 24	LUMP SUM ALL REQ'D
660(20)	ADJUST J-BOX, TYPE 1A, CO 14	LUMP SUM ALL REQ'D
660(21)	RELOCATE AND REPAIR CONDUIT AND CONDUCTORS, CO 23	LUMP SUM ALL REQ'D

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Miller* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 ESTIMATE OF QUANTITIES	
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PATH: Q:\JNU\68129\PLANSET\ADDENDUM (12-4-15)\68129_C1_EST.DWG TAB: C1 Wednesday, December 09, 2015 4:20:10 PM GEARY, NATE (DOT)	
REVISIONS NO. DATE DESCRIPTION 1 12-09-15 MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 604 ITEMS	PROJECT DESIGNATION NH-0932(049)-68129	YEAR 2015	SHEET NO. C1
		TOTAL SHEETS	C1

202(1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS		
STATION	OFFSET	REMARKS
469+75	RT	Remove chain link fence

202(2) REMOVAL OF PAVEMENT				
BEGIN STATION (FT)	END STATION (FT)	OFFSET	AREA (SY)	REMARKS
183+95.40	184+12.58	LT	15	Pedestrian Island #3 - new curb ramp at Channel Drive
184+24.09	184+29.09	LT	4	Pedestrian Island #3 - new curb ramp at Egan Drive crosswalk
184+59.93	184+90.82	RT	28	Pedestrian Island #4
184+88.51	185+00.99	RT	24	Obliterate existing crosswalk walkway at Pedestrian Island #4
287+53.25	289+35.40	RT	743	Lemon Creek Bridge
287+53.43	289+35.64	LT	801	Lemon Creek Bridge
437+42.39	437+50.54	RT	31	Bikepath approach to Egan Drive crosswalk
437+43.84	438+02.32	LT	254	Pedestrian Island #6 - sidewalk and new curb ramps
468+69.73	468+82.54	RT	40	Pedestrian Island #7 - new curb ramps and sidewalk
468+55.23	468+58.32	RT	3	Bikepath at Egan Drive deceleration lane
469+48.69	469+69.03	RT	9	Crosswalks at Egan Drive/Mendenhall Loop Road
			TOTAL =	1952

202(9) REMOVAL OF CURB AND GUTTER				
BEGIN STATION (FT)	END STATION (FT)	OFFSET	LENGTH (LF)	REMARKS
43+27.08	43+97.89	LT	79	Egan Drive/10th Street
43+18.06	43+51.36	RT	49	Curb Ramp - Egan Drive/10th Street
47+45.50	47+58.21	LT	31	Curb Ramp at Egan Drive/Harris Harbor Way
47+39.88	47+54.31	RT	21	Curb Ramp at Egan Drive/West 12th Street
47+86.36	48+05.28	RT	24	Curb Ramp at Egan Drive/West 12th Street
47+88.50	48+03.44	LT	39	Curb Ramp at Egan Drive/Harris Harbor Way
69+05	69+29.90	LT	40	Egan Drive/Aurora Harbor Way
183+68.87	183+64.68	LT	51	Channel Drive acceleration lane
183+93.46	183+95.67	LT	9	Pedestrian Island #3 Channel Drive crosswalk
184+24.11	184+29.10	LT	5	Pedestrian Island #3 Egan Drive crosswalk
184+57.84	184+92.32	RT	74	Pedestrian Island #4
437+43.79	437+52.63	LT	9	Curb Ramp - Pedestrian Island #5 Egan Drive crosswalk
437+93.94	437+99.70	LT	9	Curb Ramp - Pedestrian Island #5 acceleration lane crosswalk
438+02.32	438+03.05	LT	5	Curb ramp - Pedestrian Island #5 Glacier HWY crosswalk
438+50.40	438+51.34	LT	5	Curb ramp - Pedestrian Island #6 Glacier HWY crosswalk
438+64.94	438+68.12	LT	5	Curb Ramp - Pedestrian Island #6 deceleration lane crosswalk
438+80.95	438+84.23	LT	5	Curb ramp - deceleration lane crosswalk
468+65.13	468+72.75	LT	17	Egan Drive/Mendenhall Loop Road
468+56.79	468+59.87	RT	5	Egan Drive deceleration lane crosswalk
468+65.80	468+72.06	RT	9	Pedestrian Island #7 deceleration lane crosswalk
468+69.73	468+84.54	RT	26	Pedestrian Island #7 Egan Drive and Men Loop Road crosswalks
469+37.20	469+63.87	LT	59	Egan Drive/Mendenhall Loop Road
			TOTAL =	576

604(4) ADJUST EXISTING MANHOLE		
STATION	OFFSET	REMARKS
47+67	LT	
64+80	RT	Highland Dr. Intersection
73+16	RT	Harris Harbor Approach / Replace Frame & Lid
79+69	LT	
82+15	RT	
184+00	LT	Channel Drive Intersection

202(3) REMOVAL OF SIDEWALK				
BEGIN STATION	END STATION	OFFSET	AREA (SY)	REMARKS
43+28.69	43+41.22	LT	9	Egan Drive/10th Street
43+20.03	43+51.36	RT	28	Egan Drive/10th Street
47+44.16	47+50.59	LT	15	Egan Drive/Harbor Way
47+39.27	47+52.40	RT	12	Egan Drive/W 12th Street
47+88.50	48+03.60	LT	27	Egan Drive/Harbor Way
47+85.14	48+05.69	RT	15	Egan Drive/W 12th Street
184+59.93	184+90.73	RT	28	Pedestrian Island #4
438+51.26	438+66.61	LT	10	Pedestrian Island #6
468+63.46	468+70.97	LT	11	Egan Drive/Mendenhall Loop Road
469+37.20	469+64.48	LT	37	Egan Drive/Mendenhall Loop Road
			TOTAL	192

408(1) 2" COLD PLANING				
LOCATION	BEGIN	END	AREA (S.Y.)	
10th street to Aurora Harbor	43+50	84+50	26200	
Glacier Hwy	131+50	135+00	4300	
Wall near Salmon Creek	141+50	170+00	22800	
Salmon Creek	182+50	190+50	10800	
Vanderbilt	262+00	265+50	4300	
Sunny Point	303+20	320+53	27440	
Yandukin	397+00	400+00	4400	
McNugget	436+00	439+50	4700	
Mendenhall Loop	464+00	471+23	9300	
			Total	114240

408(1) 2" COLD PLANING				
LOCATION	BEGIN	END	AREA (S.Y.)	
10th street to Aurora Harbor	43+50	84+50	26200	
Glacier Hwy	131+50	135+00	4300	
Wall near Salmon Creek	141+50	170+00	22800	
Salmon Creek	182+50	190+50	10800	
Vanderbilt	262+00	265+50	4300	
Sunny Point	303+20	320+53	27440	
Sunny Point	321+75	330+56	27440	
Sunny Point	331+17	348+10		
Yandukin	397+00	400+00	4400	
McNugget	436+00	439+50	4700	
Mendenhall Loop	464+00	471+23	9300	
			Total	114240

* SEE COLD PLANE TRANSITION DETAIL, SHEET E1

* SEE COLD PLANE TRANSITION DETAIL, SHEET E1

303(3) LINEAR GRADING						
LOCATION	BEGIN (STA)	END (STA)	RUN LENGTH (STA)	# OF RUNS	LENGTH (STA)	
BOP to Aurora Harbor	43+50	76+50	33+00	4	132+00	
Aurora Harbor	76+50	84+50	8+00	2	16+00	
Aurora Harbor to Glacier Hwy	84+50	131+50	47+00	2	94+00	
Glacier Hwy to Wall	135+00	141+50	6+50	2	13+00	
Wall	141+50	170+00	28+50	3	85+50	
Wall to Salmon Creek	170+00	182+50	12+50	2	25+00	
Salmon Creek to Vanderbilt	190+50	262+00	71+50	2	143+00	
Vanderbilt to Lemon Creek	265+50	303+20	37+70	2	75+40	
Sunny Point to Yandukin	348+10	397+00	48+90	2	97+80	
Yandukin to McNugget	400+00	436+00	36+00	2	72+00	
McNugget to Mendenhall Loop	439+50	464+00	24+50	2	49+00	
					Total	802+70

408(2) 1/2" COLD PLANING				
LOCATION	BEGIN	END	AREA (S.Y.)	
Aurora Harbor to Glacier Hwy	84+50	131+50	41400	
Glacier Hwy to Wall	135+00	141+50	6300	
Wall to Salmon Creek	170+00	182+50	14500	
Salmon Creek to Vanderbilt	190+50	262+00	62800	
Vanderbilt to Lemon Creek	265+50	287+00	21500	
Lemon Creek to Sunny Point	290+00	303+20	11400	
Sunny Point to Yandukin	348+10	397+00	43900	
Yandukin to McNugget	400+00	436+00	36800	
McNugget to Mendenhall Loop	439+50	464+00	23200	
			Total	261800

409(1) LONGITUDINAL JOINT REPAIR				
LOCATION	BEGIN	END	LENGTH (FT)	
Aurora Harbor to Glacier Hwy	84+50	131+50	28200	
Glacier Hwy to Wall	135+00	141+50	3600	
Wall to Salmon Creek	170+00	182+50	7500	
Salmon Creek to Vanderbilt	190+50	262+00	42900	
Vanderbilt to Lemon Creek	265+50	287+00	12900	
Lemon Creek to Sunny Point	290+00	303+20	7920	
Sunny Point to Yandukin	348+10	397+00	29340	
Yandukin to McNugget	400+00	436+00	21600	
McNugget to Mendenhall Loop	439+50	464+00	14700	
			Total	168960

401(17) PRELEVEL FOR RUTS, DELAMINATIONS, & DEPRESSIONS		
LOCATION	AREA (S.Y.)	REMARKS
McNugget Intersection	80	See Sheet F5 For Location

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Stan M... Date 2/20/20*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHWEST REGION							
	JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129							
SUMMARIES								
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	PATH: Q:\UNU\68129\PLANS\SET\ADDENDUM (12-4-15)\68129_D1_SUMS.DWG TAB: D1 Wednesday, December 09, 2015 4:25:23 PM GEARY, NATE (DOT)							
<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12-09-15</td> <td>MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 604 ITEMS</td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	1	12-09-15	MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 604 ITEMS	REVISIONS	PROJECT DESIGNATION NH-0932(049)~68129
NO.	DATE	DESCRIPTION						
1	12-09-15	MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 604 ITEMS						
YEAR 2015	SHEET NO. D1	TOTAL SHEETS D3						

603 PIPE SUMMARY								
PIPE NUMBER	PIPE STATION	EXISTING CULVERT DIAMETER AND LENGTH						REMARKS
		603(9)-12 12" CAP	603(22)-18 18" Liner Pipe	603(22)-24 24" Liner Pipe	603(22)-36 36" Liner Pipe	603(22)-48 48" Liner Pipe	603(22)-60 60" Liner Pipe	
P-1	90+00		74					
P-2	94+47		72					
P-3	101+50		70					
P-4	108+50		70					
P-5	115+50		70					
P-6	117+00					172		Line with 36" liner pipe.
P-7	122+50		70					
P-8	129+50		70					
P-9	134+00					160		Line with 36" liner pipe.
P-10	137+50		68					
P-11	141+05				136			
P-11A	184+68 (RT)	25						See sheet E6 for culvert STA and inverts
P-12	197+90		76					
P-13	204+10		76					
P-14	210+35						182	Twin Lakes
P-15	211+05		76					
P-16	218+05		76					
P-17	225+05		80					
P-18	232+05		80					
P-19	239+05		76					
P-20	244+10						172	Twin Lakes
P-21	246+05		76					
P-22	253+05		76					
P-23	258+90		74					
P-24	271+50 → 269+37						182	
P-25	276+00 → 273+72						176	
P-26	277+60 → 275+40						162	
P-27	281+80						168	
P-28	423+35			144				Fish-passage culvert. See Fish Habitat permit.
TOTAL		25	1330	144	136	332	1042	

* ON PIPES CONNECTED TO INLETS, LINER PIPES SHALL BE INSTALLED AND GROUTED FLUSH WITH THE INTERIOR OF THE BASIN WALLS

606(6) REMOVING AND DISPOSING OF GUARDRAIL				
STATION TO STATION	OFFSET	RUN	REMARKS	
60+30.67	66+85.47	LT	666	
71+82.53	148+85.82	LT	7733	Do not remove transition to the Jersey barrier
84+30.00	96+30.00	MEDIAN	2402	
86+28.54	132+78.74	RT	4702	
138+48.50	144+15.96	RT	568	Do not remove the transition to the concrete wall
165+00.34	167+06.26	LT	289	Do not remove the transition to the Jersey barrier
185+81.38	186+35.12	RT	101	Replace damaged rail at the Egan Drive/Glacier HWY intersection. Do not replace bridge transition rail.
188+06.25	188+45.93	LT	41	Do not replace bridge transition rail.
189+39.57	263+60.96	RT	7445	Salmon Creek to Vanderbilt Hill Rd. Do not replace bridge transition rail.
190+00.82	287+36.29	LT	9750	Salmon Creek Lemon Creek. Do not replace bridge transition rails.
264+43.66	287+36.09	RT	2337	Vanderbilt Hill Rd to Lemon Creek. Do not replace bridge transition rail.
285+21.76	287+36.00	MEDIAN	214	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median Guardrail detail.
285+21.76	287+35.90	MEDIAN	214	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median Guardrail detail.
287+54.69	287+54.56	MEDIAN	21	Lemon Creek Bridge. See Sheet E10 for Guardrail Between Bridges detail.
289+52.95	299+35.89	LT	983	Lemon Creek Bridge to parking lot. Do not replace bridge transition rail.
289+52.70	291+66.84	MEDIAN	215	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median Guardrail detail.
289+34.45	289+34.08	MEDIAN	21	Lemon Creek Bridge. See Sheet E10 for Guardrail Between Bridges detail.
289+52.89	291+66.80	MEDIAN	214	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median Guardrail detail.
289+52.96	303+19.56	RT	1384	Lemon Creek Bridge to Sunny Point rail. Do not replace bridge transition rail.
404+55.52	417+25.97	LT	1306	
TOTAL			40606	

606(1) W-BEAM GUARDRAIL				
STATION TO STATION	OFFSET	RUN	REMARKS	
60+30.67	66+32.17	LT	617	
71+82.53	148+85.82	LT	7716	Do not replace transition to Jersey barrier
86+28.54	132+88.18	RT	4652	
138+98.63	144+15.46	RT	518	Do not replace the transition to the concrete wall
165+00.34	166+55.47	LT	153	Do not replace the transition to the Jersey barrier
185+81.38	186+35.12	RT	101	Replace damaged rail at the Egan Drive/Glacier HWY intersection. Do not replace bridge transition rail
188+06.25	188+45.93	LT	40	Do not replace bridge transition rail
189+39.57	263+60.96	RT	7445	Salmon Creek to Vanderbilt Hill Rd. Do not replace bridge transition rail.
190+00.82	287+36.30	LT	9750	Salmon Creek to Lemon Creek. Do not replace bridge transition rails.
264+44.56	287+36.09	RT	2337	Vanderbilt Hill Rd to Lemon Creek. Do not replace bridge transition rail.
284+23.49	287+36.00	MEDIAN	312.5	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median Guardrail detail.
286+98.36	287+35.90	MEDIAN	37.5	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median Guardrail detail.
287+54.69	287+54.56	MEDIAN	21	Lemon Creek Bridge. See Sheet E10 for Guardrail Between Bridges detail.
289+52.95	298+85.88	LT	933	Lemon Creek Bridge to parking lot. Do not replace bridge transition rail.
289+52.95	292+65.23	MEDIAN	312.5	Lemon Creek Bridge - do not replace bridge transition rail. See Sheet E10 for Median Guardrail detail.
289+34.45	289+34.08	MEDIAN	21	Lemon Creek Bridge. See Sheet E10 for Guardrail Between Bridges detail.
289+52.89	289+90.39	MEDIAN	37.5	Lemon Creek Bridge - do not replace bridge transition rail. See sheet E10 for Median guardrail detail.
289+52.96	303+19.56	RT	1367	Lemon Creek Bridge - do not replace bridge transition rail.
404+55.52	416+75.97	LT	1256	
TOTAL			37627	

604(8) MANHOLE FRAME AND COVER REPLACEMENT		
STATION	OFFSET (FT)	REMARKS
47+90	LT	Egan Drive/Harris Harbor Way, Manhole Lid
54+74	LT	Manhole Lid

606(8) DOUBLE-FACED, W-BEAM GUARDRAIL			
STATION TO STATION	OFFSET	RUN (FT)	REMARKS
84+80.00	95+80.00	MEDIAN	2202

DOWNSTREAM END ANCHOR		
STATION	OFFSET (FT)	REMARKS
60+30.67	LT	
71+82.53	LT	
404+55.52	LT	

INCLUDED IN W-BEAM GUARDRAIL 606(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 2/10/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129
CHECKED BY: C. TRIPP DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	SUMMARIES
PATH: Q:\JUNU68129\PLANS\SET\ADDENDUM (12-4-15)\68129_D1_SUMS.DWG TAB: D2 Wednesday, December 09, 2015 4:27:21 PM GEARY, NATE (DOT)	REVISIONS NO. DATE DESCRIPTION 1 12-09-15 MOVED SUNNY BRIDGES FROM 202(2) TO 408(1) CONSOLIDATED 604 ITEMS
PROJECT DESIGNATION NH-0932(049)~68129	YEAR SHEET NO. TOTAL SHEETS 2015 D2 D3

608(3) ASPHALT SIDEWALK

BEGIN STATION	END STATION	OFFSET	AREA (SY)	REMARKS
43+42.91	43+97.91	LT	36	Egan Drive/10th Street
183+67.76	183+67.56	LT	19	Channel Drive acceleration lane. Extend existing sidewalk to new curb ramp.
183+65.58	184+97.00	RT	126	Bikepath modification - Egan Drive
437+42.39	437+50.54	RT	20	Bikepath extension - Egan Drive crosswalk
TOTAL				201

608(6) CURB RAMP

STATION	OFFSET (FT)	REMARKS
43+35	LT	Egan Drive/10th Street. Refer to Curb Ramp Detail #1 on Sheet E3
43+22	RT	Egan Drive/10th Street. Refer to Standard Drawing I-21.03
43+39	RT	Egan Drive/10th Street. Refer to Standard Drawing I-21.03
47+56	LT	Egan Drive/Harris Harbor Way
47+48	RT	Egan Drive/W 12th Street
47+92	LT	Egan Drive/Harris Harbor Way
47+95	RT	Egan Drive/W 12th Street
183+70	LT	Egan Drive/Channel Drive
183+66	LT	Crosswalk at Channel Drive acceleration lane. Crosswalk has been realigned
183+96	LT	Pedestrian Island #3 at crosswalk
184+26	LT	Pedestrian Island #3
184+69.50	RT	Crosswalk at deceleration lane. Crosswalk has been realigned.
184+78	RT	Pedestrian Island #4. Crosswalk at deceleration lane
184+79	RT	Pedestrian Island #4. Crosswalk on Egan Drive
437+46	RT	Bikepath extension - Egan Drive crosswalk
437+48	LT	Pedestrian Island #5 - crosswalk at Egan Drive
437+98	LT	Pedestrian Island #5 - crosswalk at acceleration lane
438+01	LT	Pedestrian Island #5 - crosswalk at Glacier HWY
438+51	LT	Pedestrian Island #6 - crosswalk at Glacier HWY
438+65	LT	Pedestrian Island #6 - crosswalk at deceleration lane
438+82	LT	Landing - crosswalk at deceleration lane
468+66	LT	Egan Drive/Mendenhall Loop Road
468+56	RT	Crosswalk at Egan Drive deceleration lane
468+77	RT	Pedestrian Island #7 Egan Drive crosswalk
468+70	RT	Pedestrian Island #7 Egan Drive deceleration lane crosswalk
468+82	RT	Pedestrian Island #7 Mendenhall Loop Road crosswalk
469+59	RT	Mendenhall Loop Road & Egan Drive crosswalks
469+51	LT	Egan Drive & Mendenhall Loop Road crosswalks

608(1a) CONCRETE SIDEWALK, 4 INCHES THICK

BEGIN STATION	END STATION	OFFSET	AREA (SY)	REMARKS
43+28.89	43+41.22	LT	9	Egan Drive/10th Street.
43+20.03	43+51.36	RT	38	Egan Drive/10th Street
47+44.18	47+50.59	LT	15	Egan Drive/Harbor Way
47+39.27	47+52.40	RT	12	Egan Drive/W 12th Street
47+86.50	48+03.60	LT	27	Egan Drive/Harbor Way
47+88.14	48+05.69	RT	15	Egan Drive/W 12th Street
183+63.43	183+65.22	LT	6	Channel Drive acceleration lane curb ramp
183+96.59	184+08.41	LT	14	Pedestrian Island #3 landing and ramp at Channel Drive accel lane
184+24.11	184+29.11	LT	4	Pedestrian Island #3 crosswalk at Egan Drive
184+62.04	184+88.54	RT	26	Pedestrian Island #4
184+65.94	184+74.42	RT	6	Crosswalk at Egan Drive deceleration lane. Crosswalk has been realigned.
437+42.39	437+50.54	RT	11	Ramp and landing at Bikepath extension to crosswalk
437+43.84	438+02.32	LT	74	Pedestrian Island #5 new sidewalk and curb ramps
438+52.37	438+66.61	LT	9	Pedestrian Island #6 new sidewalk and curb ramps
438+82.46	438+85.69	LT	3	Curb landing - deceleration lane crosswalk
468+63.46	468+70.97	LT	11	Egan Drive/Mendenhall Loop Road
468+69.73	468+82.54	RT	40	Pedestrian Island #7
468+55.22	468+58.37	RT	3	New landing at bikepath/crosswalk
469+37.20	469+64.48	LT	37	Egan Drive/Mendenhall Loop Road
469+48.69	469+69	RT	9	Egan Drive/Mendenhall Loop Road
TOTAL				369

609(2) CURB AND GUTTER, TYPE 1

BEGIN STATION	END STATION	OFFSET	LENGTH (FT)	REMARKS
43+27.08	43+97.90	LT	71	Curb Ramp & asphalt sidewalk - Egan Drive/10th Street. Install 0 ft curb at landing
43+18.14	43+51.36	RT	49	Curb Ramps - Egan Drive/10th Street. Install 0 ft curb at landings
47+45.94	47+50.52	LT	31	Curb Ramp at Egan Drive/Harris Harbor Way. Install 0 ft curb at landing.
47+39.88	47+54.31	RT	21	Curb Ramp at Egan Drive/West 12th Street. Install 0 ft curb at landing.
47+86.36	48+05.28	RT	24	Curb Ramp at Egan Drive/West 12th Street. Install 0 ft curb at landing.
47+88.50	48+03.44	LT	40	Curb Ramp at Egan Drive/Harris Harbor Way. Install 0 ft curb at landing.
69+05	69+29.90	LT	40	Aurora Harbor Way entrance
183+64.68	183+68.91	LT	51	Channel Drive acceleration lane. Install 0 ft curb at landing
183+93.46	183+95.64	LT	9	Pedestrian Island #3 at Channel Drive acceleration lane. Install 0 ft curb at landing
184+24.10	184+29.10	LT	5	Pedestrian Island #3 at Egan Drive crosswalk. Install 0 ft curb at landing.
184+59	184+90.91	RT	71	Pedestrian Island #4 Expressway curb and gutter. Install 0 ft curb at landings.
437+43.79	437+52.64	LT	9	Pedestrian Island #5 - crosswalk at Egan Drive
437+93.92	437+99.70	LT	9	Pedestrian Island #5 - crosswalk at acceleration lane
438+02.32	438+03.05	LT	5	Pedestrian Island #5 - crosswalk at Glacier HWY
438+50.40	438+51.34	LT	5	Pedestrian Island #6 - crosswalk at Glacier HWY
438+64.89	438+68.12	LT	5	Pedestrian Island #6 - crosswalk at deceleration lane
438+80.95	438+84.23	LT	5	Landing - crosswalk at deceleration lane
468+63.46	468+72.92	LT	17	Curb Ramp - Egan Drive/Mendenhall Loop Road. Install 0 ft curb at landing.
468+56.79	468+59.87	RT	5	Landing at bike path. Install 0 ft curb.
468+65.80	468+73.50	RT	9	Pedestrian Island #7 crosswalk at deceleration lane. Install 0 ft curb at landing.
468+69.73	468+84.54	RT	26	Pedestrian Island #7 at Men Loop road and Egan Drive crosswalks. Install 0 ft curb.
469+35.19	469+64.06	LT	59	Egan Drive/Mendenhall Loop Road
TOTAL				566

629(1) GUARDRAIL PAVING

STATION TO STATION	OFFSET	LENGTH (FT)	REMARKS	
84+42.60	148+85.82	LT	6483	
87+20.77	132+78.74	RT	4617	
138+48.50	144+15.96	RT	568	
165+00.34	167+06.26	LT	203	
185+81.38	186+35.12	RT	101	Egan Drive/Glacier Hwy
188+06.25	188+45.93	LT	41	Salmon Creek Bridge
189+39.57	263+60.96	RT	7445	Salmon Creek Bridge to Vanderbilt Hill Road
190+00.82	287+36.29	LT	9750	Salmon Creek Bridge to Lemon Creek Bridge
264+43.66	287+36.09	RT	2337	Vanderbilt Hill Road to Lemon Creek Bridge
283+73.49	287+36.00	MEDIAN	363	Lemon Creek Bridge
286+98.36	287+35.90	MEDIAN	38	Lemon Creek Bridge
289+52.96	303+19.56	RT	1337	Lemon Creek Bridge to Sunny Point
289+52.89	289+90.39	MEDIAN	38	Lemon Creek Bridge
289+52.70	293+15.23	MEDIAN	363	Lemon Creek Bridge
289+52.95	299+35.89	LT	983	Lemon Creek Bridge to parking lot
404+55.52	417+25.97	LT	1306	
TOTAL =			35973	

606(13) PARALLEL GUARDRAIL TERMINAL

STATION	OFFSET	LENGTH	REMARKS
66+85.47	LT	50.0	
84+30.00	MEDIAN	50.0	Located in median
96+30.00	MEDIAN	50.0	Located in median
132+78.74	RT	50.0	Glacier HWY/ Egan Drive intersection
138+48.50	RT	50.0	
167+06.26	LT	50.0	
283+73.50	MEDIAN	50.0	Lemon Creek Bridge
293+15.22	MEDIAN	50.0	Lemon Creek Bridge
299+35.89	LT	50.0	Wetlands Parking lot


Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Stu Miller* Date: 2/20/20

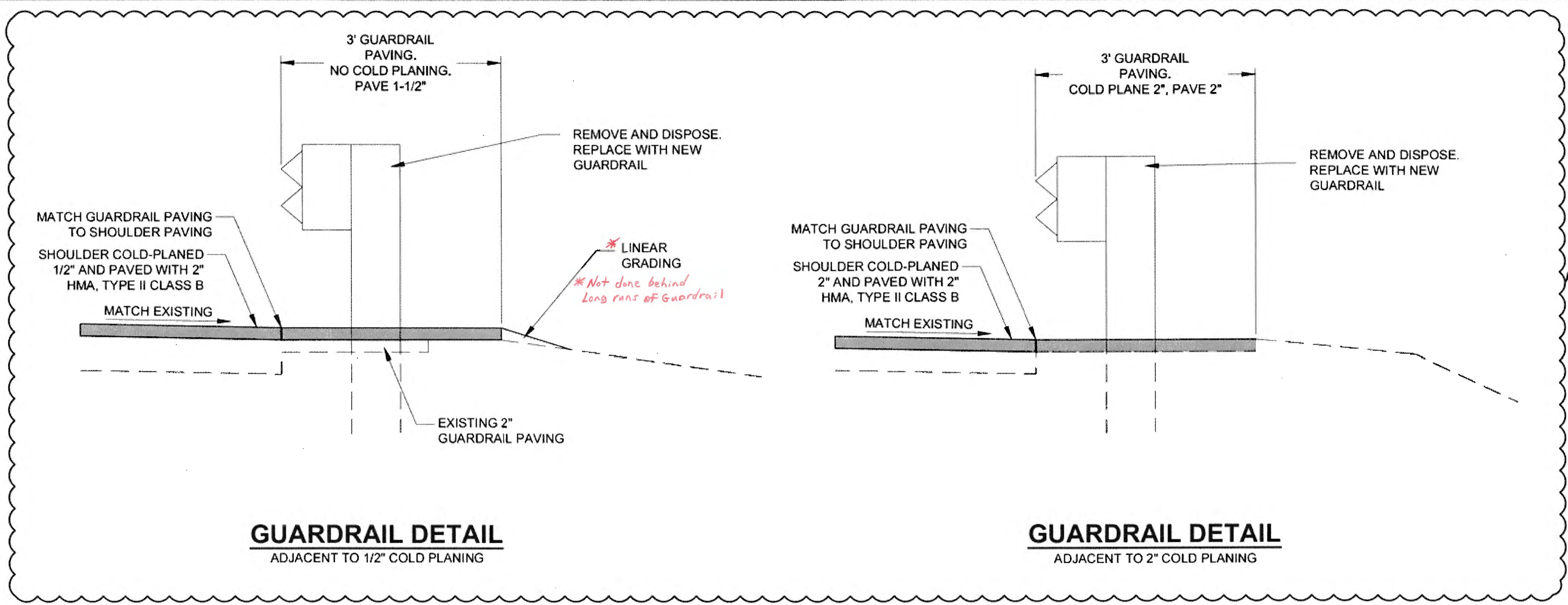
642 MONUMENTS

STATION	OFFSET	REMARKS	PAY ITEM
47+70	0 (CL)	Egan Drive/West 12 Street	642(4)
64+76	4' RT	Egan Drive/Highland Drive	642(4)
133+15	0 (CL)	Egan Drive/Old Glacier HWY	642(4)
183+00	0 (CL)	Egan Drive deceleration lane	642(4)
185+05	0 (CL)	Egan Drive/Channel Drive	642(13)
263+85	0 (CL)	Egan Drive/Vanderbilt Hill Road	642(4)
398+16	3' RT	Egan Drive/Old Glacier HWY	642(13)
469+09	0 (CL)	Egan Drive/Mendenhall Loop Rd	642(4)

NOTE: REFERENCE EXISTING MONUMENTS ACCORDING TO SECTION 642 OF THE SPECIAL PROVISIONS

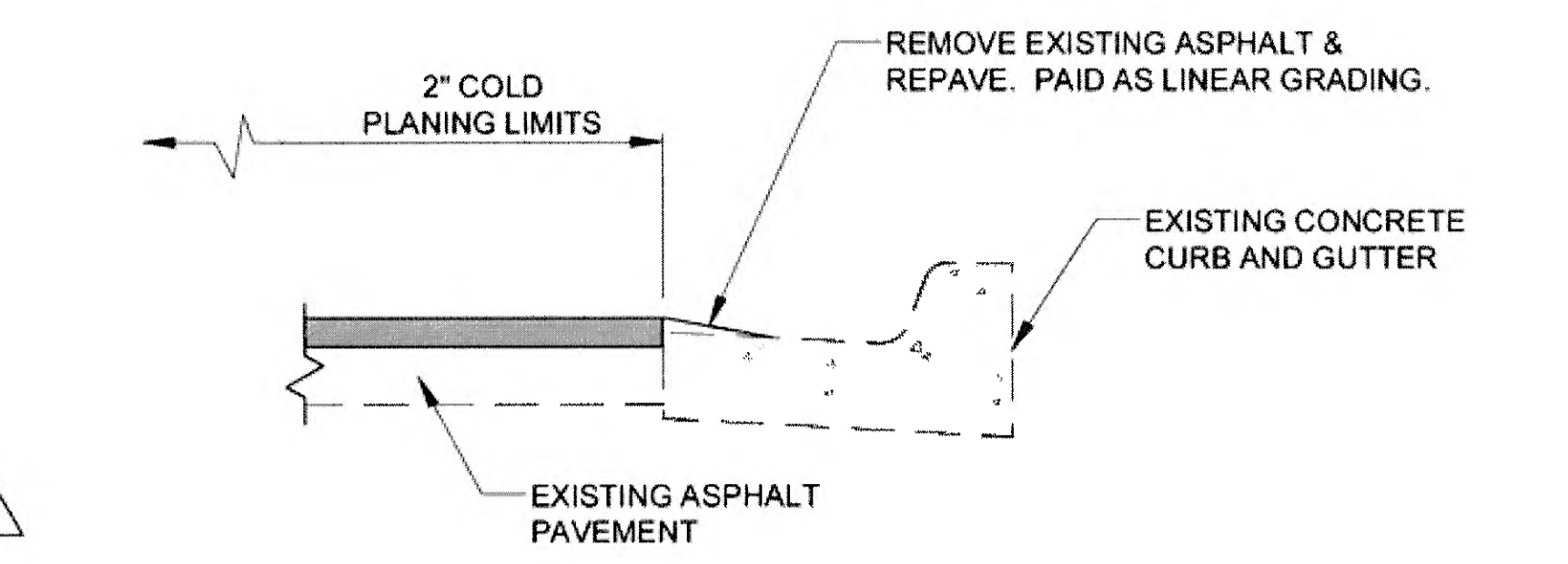
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION	
		JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129	
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		SUMMARY	
PATH: Q:\JNU\68129\PLANSET\68129_D1-D3_SUMS.DWG TAB: D3 Wednesday, November 18, 2015 1:51:51 PM GRANTHAM, RICK L (DOT)		PROJECT DESIGNATION NH-0932(049)~68129	
REVISIONS NO. DATE DESCRIPTION		YEAR	SHEET NO.
		2015	D3
		TOTAL SHEETS	D3

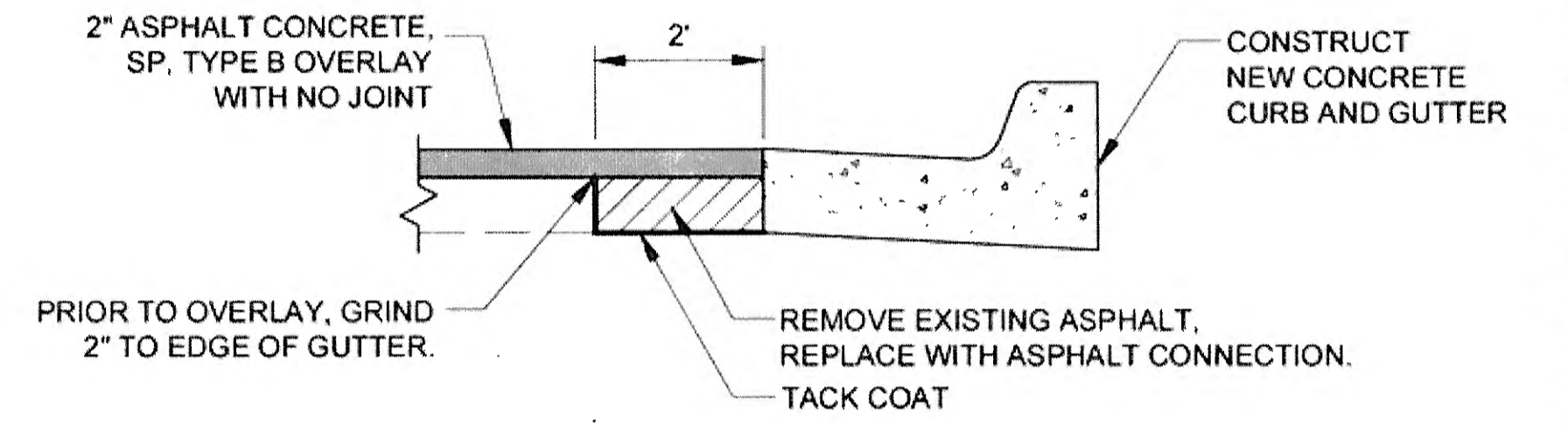


GUARDRAIL DETAIL
ADJACENT TO 1/2" COLD PLANING

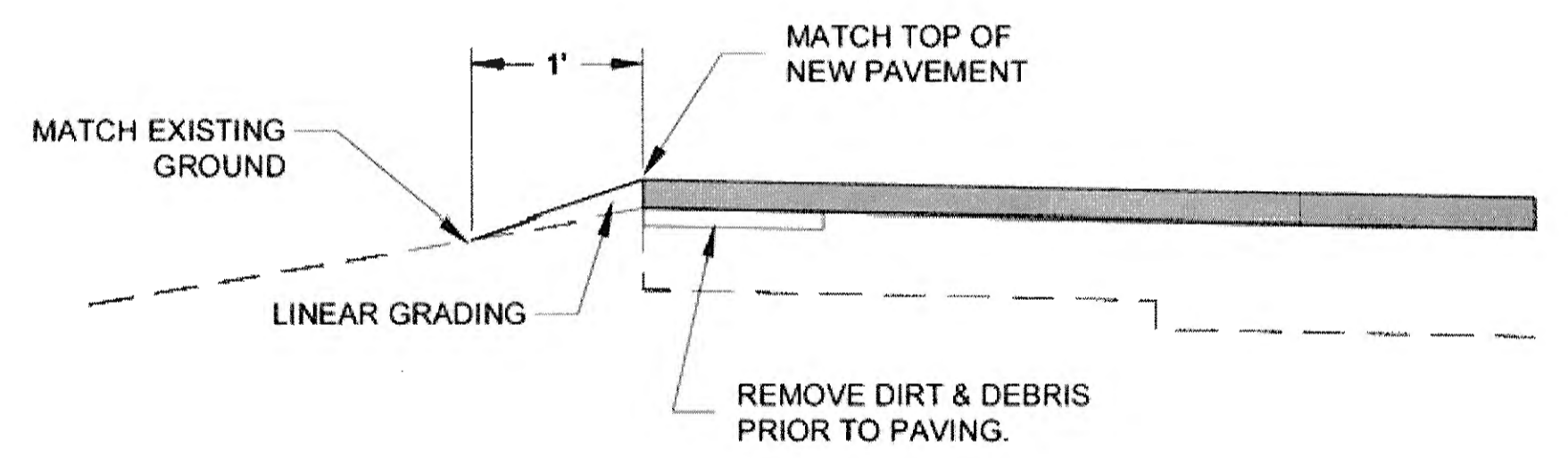
GUARDRAIL DETAIL
ADJACENT TO 2" COLD PLANING



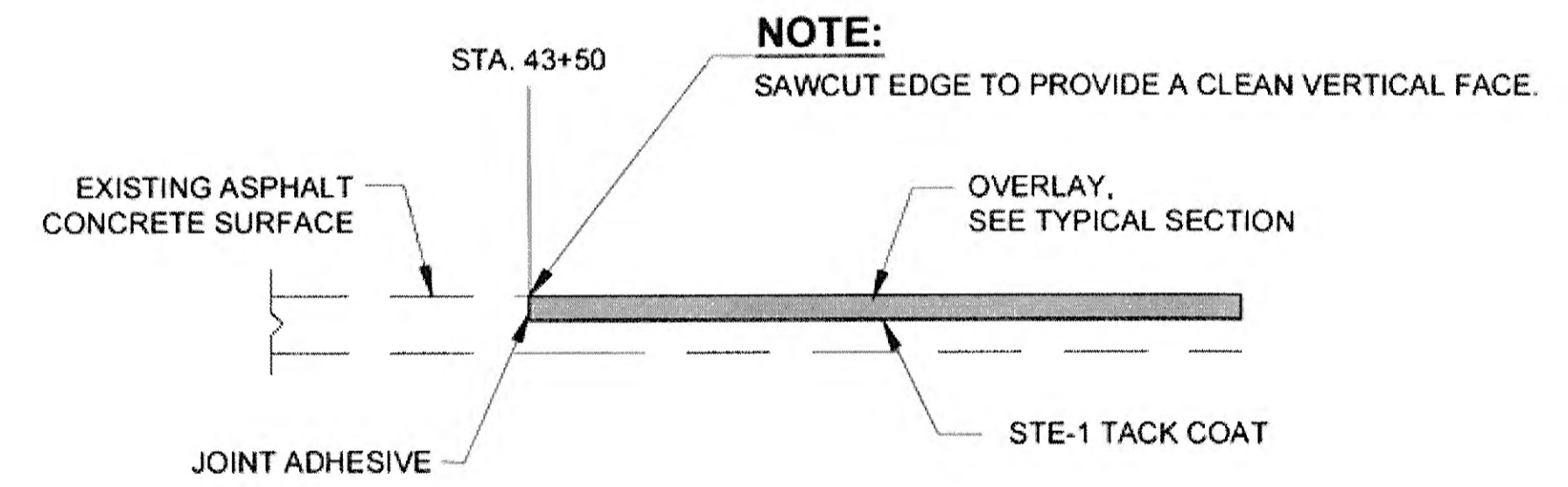
PAVEMENT TRANSITION DETAIL
AT GUTTER



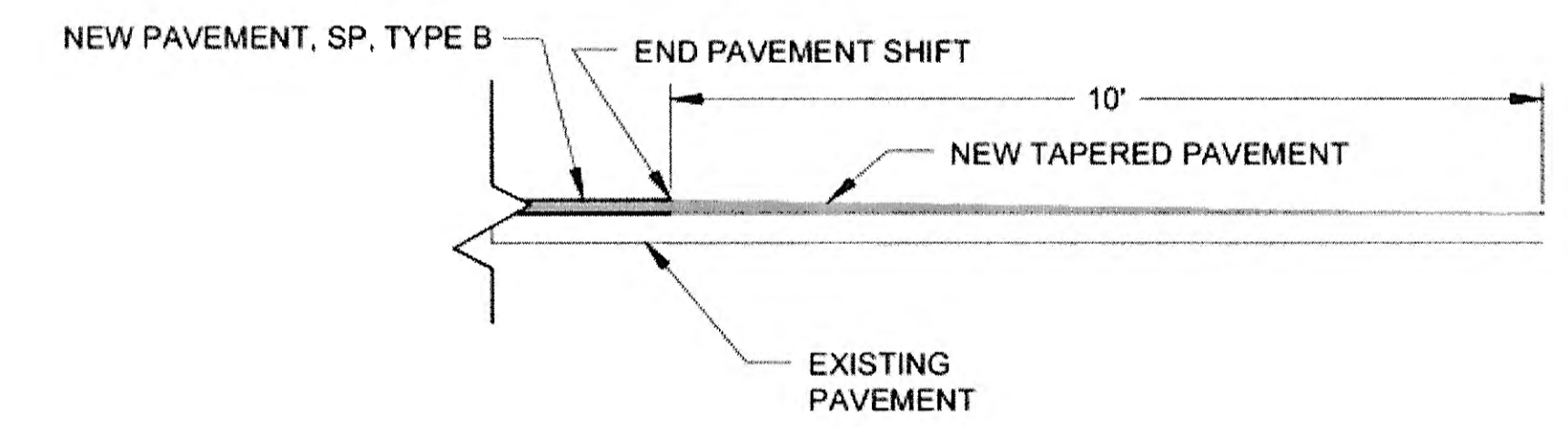
NEW CURB AND GUTTER DETAIL
NTS



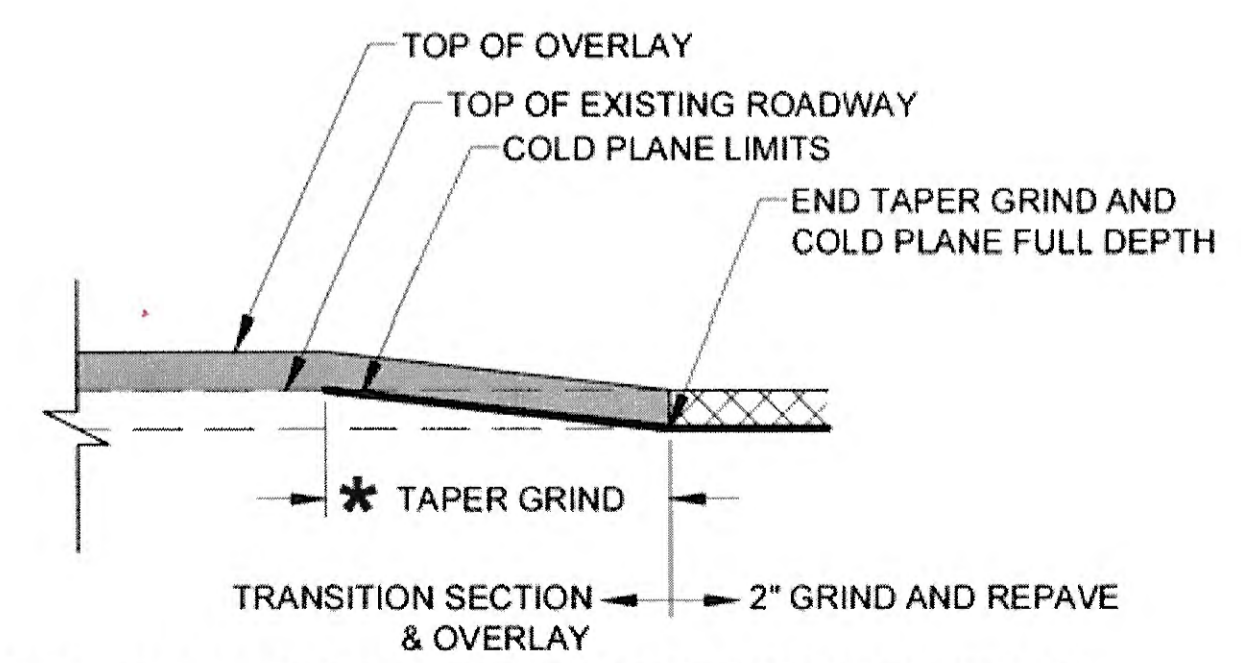
PAVEMENT EDGE TREATMENT DETAIL



BOP PAVEMENT TRANSITION DETAIL
NTS



END OF WORK DAY PAVEMENT TRANSITION
NTS




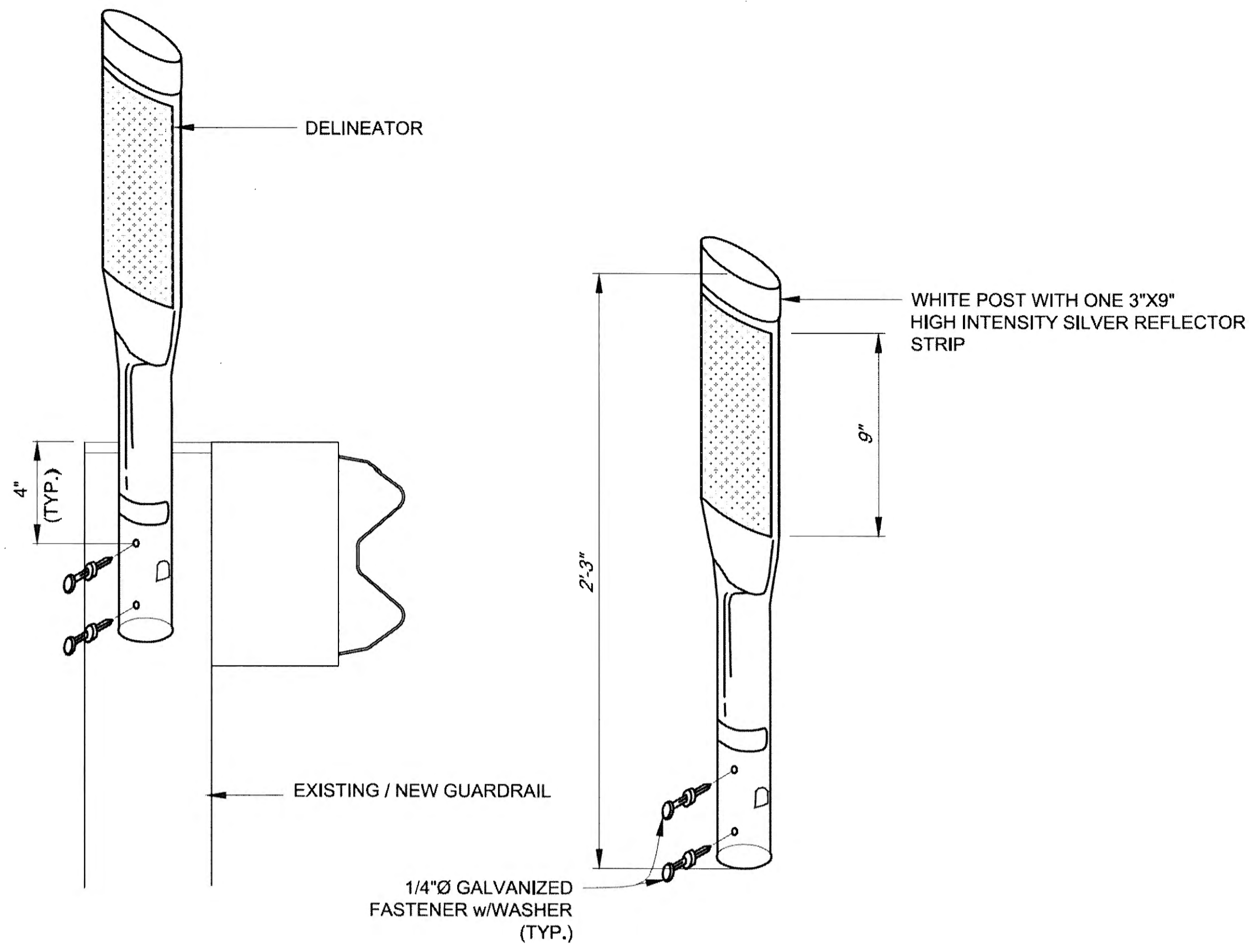
COLD PLANING TRANSITION DETAIL

* TAPER GRIND LENGTHS:
30' ON SIDE STREETS
100' 70' ALONG EGAN

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS				
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PATH: Q:\UNU\68129\PLANSET\ADDDUM (12-4-15)\68129_E1-5_E7-10_MISC DETS.DWG TAB: E1 Friday, December 11, 2015 10:16:21 AM GEARY, NATE (DOT)				
NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
1	12-11-15	CLARIFIED COLD PLANE EXTENTS	NH-0932(049)-68129	2015	E1	E12

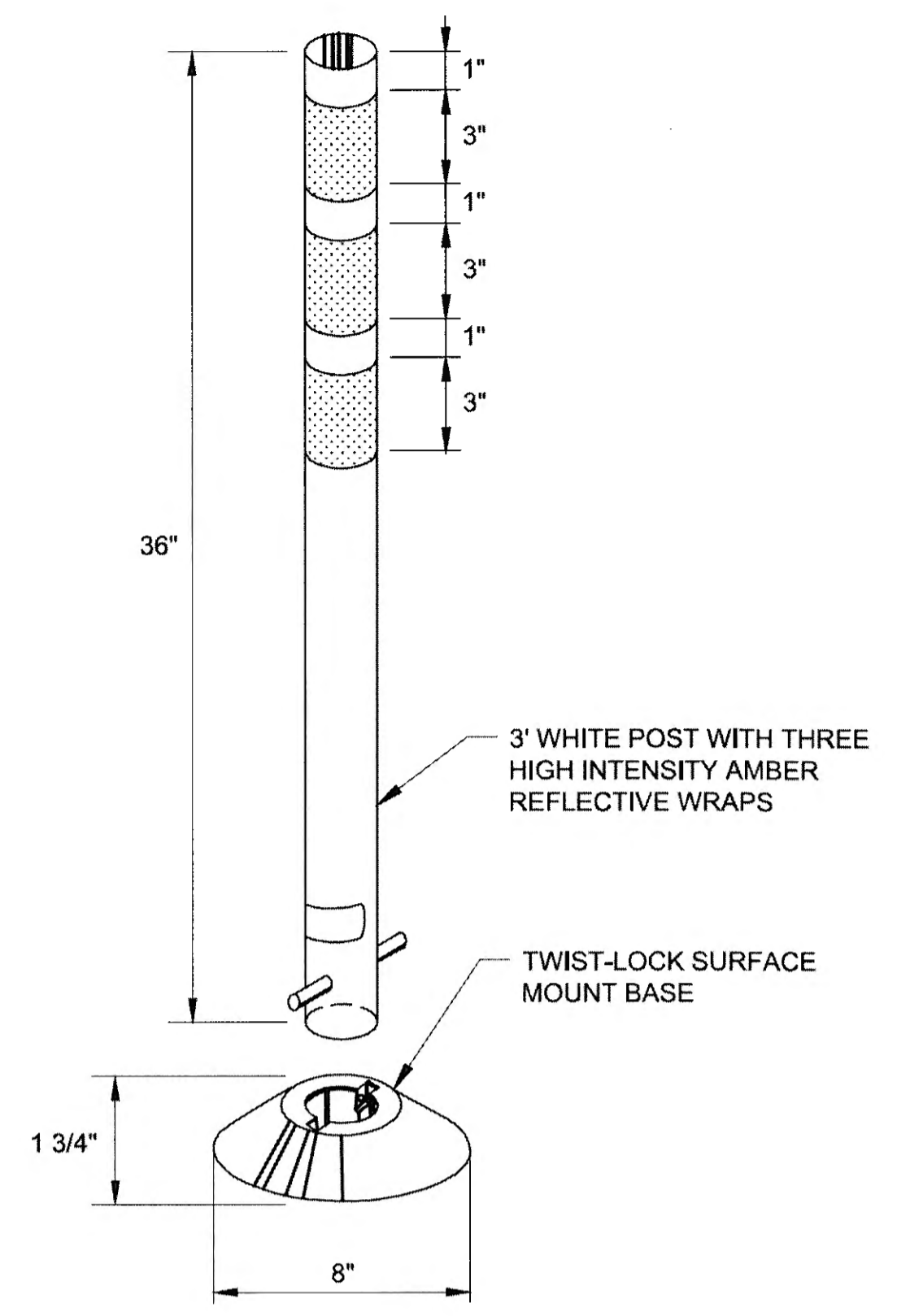


TYPE B FLEXIBLE GUARDRAIL DELINEATOR

N.T.S.

TYPE B DELINEATOR NOTES:

1. DELINEATORS SHALL BE INSTALLED ALONG EGAN DRIVE AT GUARDRAIL LOCATIONS ON 450 FEET ON CENTER. ALL GUARDRAIL ENDS SHALL HAVE DELINEATORS.
2. DELINEATORS INSTALLED ON OUTSIDE SHOULDER GUARDRAIL SHALL HAVE WHITE REFLECTIVE SHEETING. DELINEATORS INSTALLED ON MEDIAN SHOULDER GUARDRAIL SHALL HAVE YELLOW REFLECTIVE SHEETING.

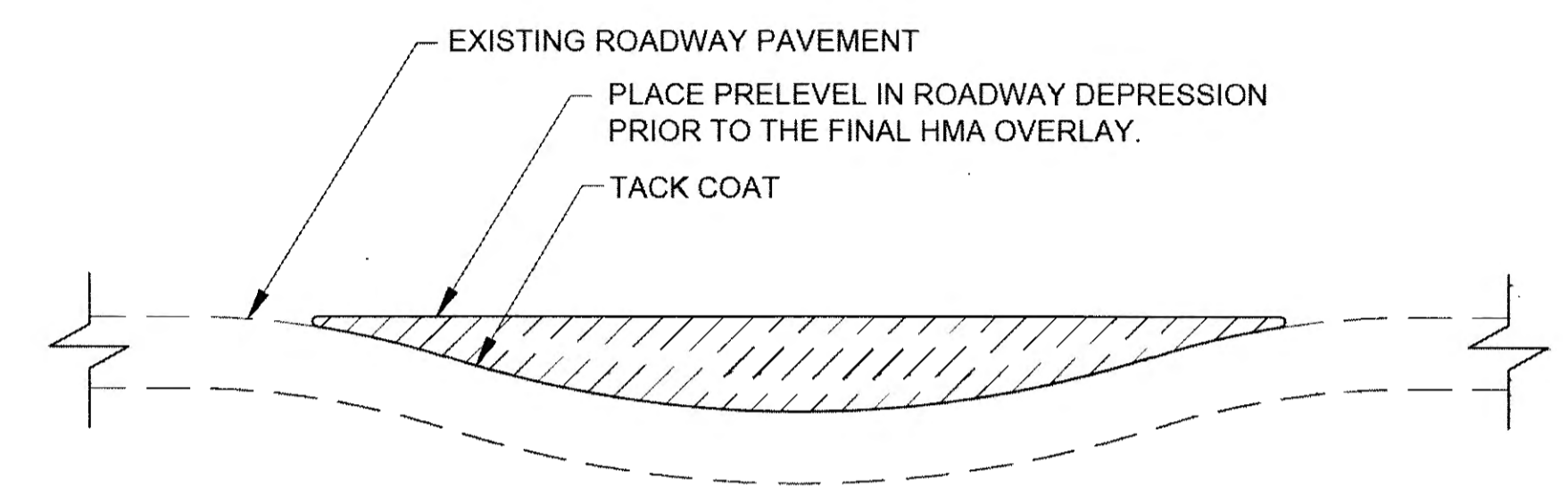


TYPE-A FLEXIBLE DELINEATOR

N.T.S.

TYPE A FLEXIBLE DELINEATOR NOTES:

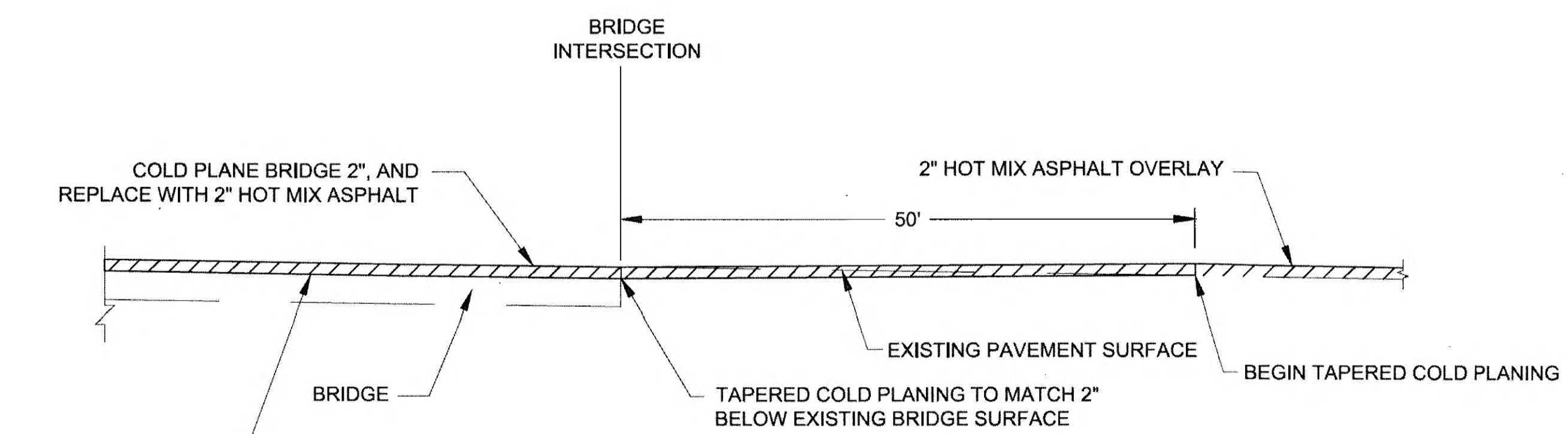
1. DELINEATORS SHALL BE INSTALLED AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. DELINEATORS SHALL BE WHITE IN COLOR. DELINEATORS INSTALLED ON OUTSIDE SHOULDERS SHALL HAVE WHITE REFLECTIVE SHEETING. DELINEATORS INSTALLED ON MEDIAN SHOULDERS SHALL HAVE YELLOW REFLECTIVE SHEETING.



ROADWAY DEPRESSION REPAIR

N.T.S.

*Design Recommendation:
Specify pre-level and pavement patching to be done prior to Pavement Cold Planing for top lift smoothness and eliminate transverse joints ahead of repair area.*



BRIDGE TRANSITION

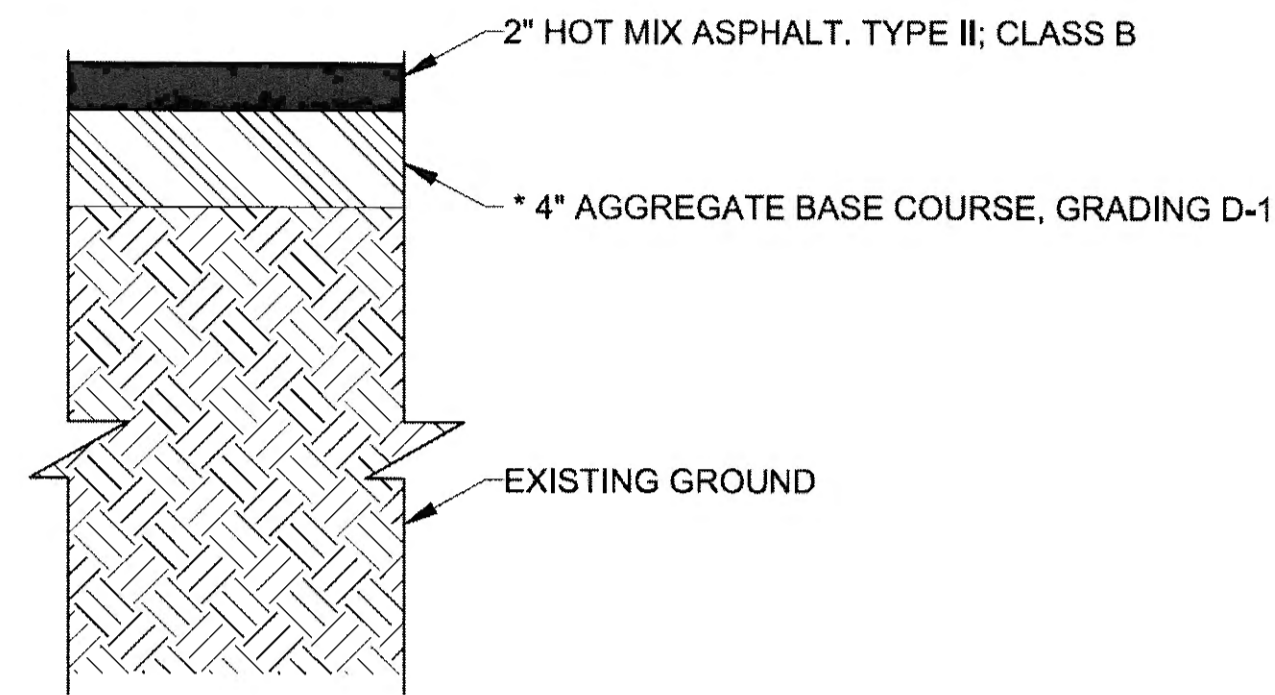
N.T.S.

SEE 'N' SHEETS FOR LEMON CREEK BRIDGE DETAILS.

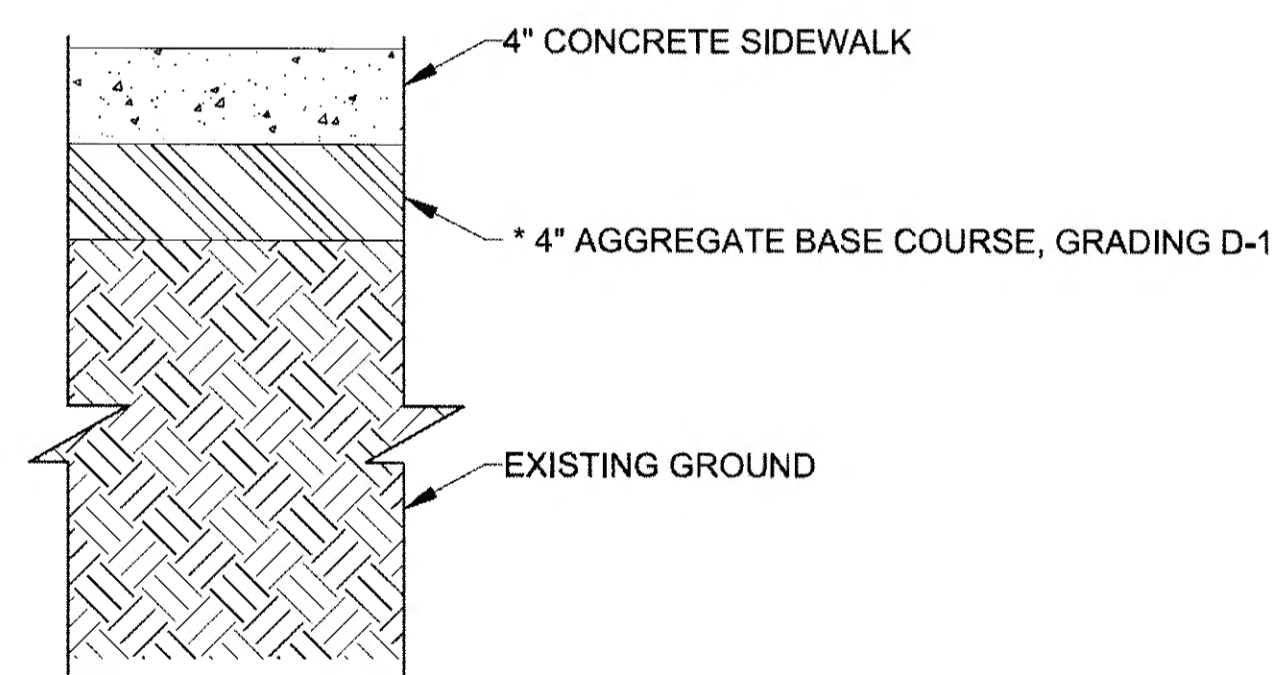
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Tull* Date *2/20/20*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

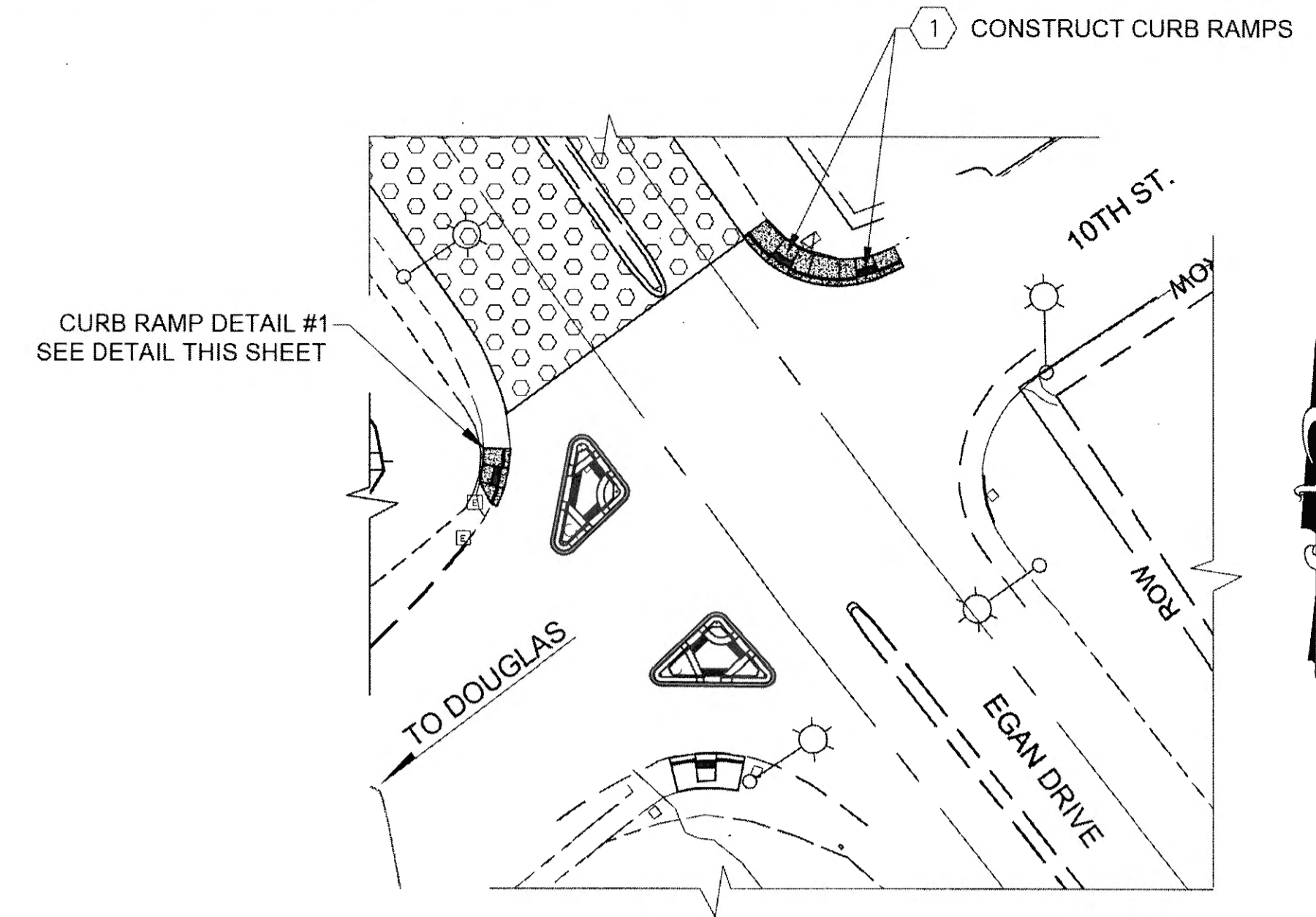
CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS	
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PROJECT DESIGNATION: NH-0932(049)~68129 YEAR: 2015 SHEET NO.: E2 TOTAL SHEETS: E12	
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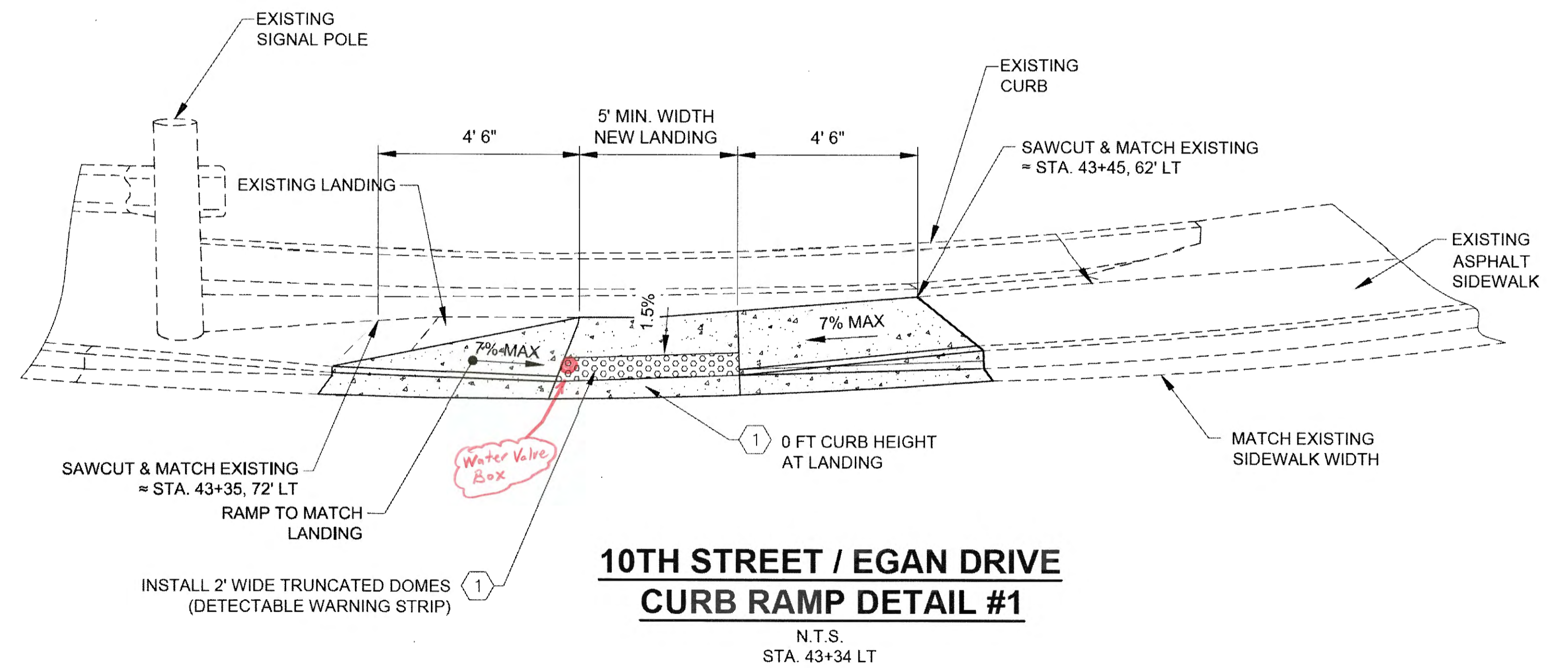
1 RAISED ISLAND STRUCTURAL SECTION NO. 1
E3 SCALE: NOT TO SCALE



2 RAISED ISLAND STRUCTURAL SECTION NO. 2
E3 SCALE: NOT TO SCALE



LOCATION MAP
N.T.S.




10TH STREET / EGAN DRIVE
CURB RAMP DETAIL #1
N.T.S.
STA. 43+34 LT

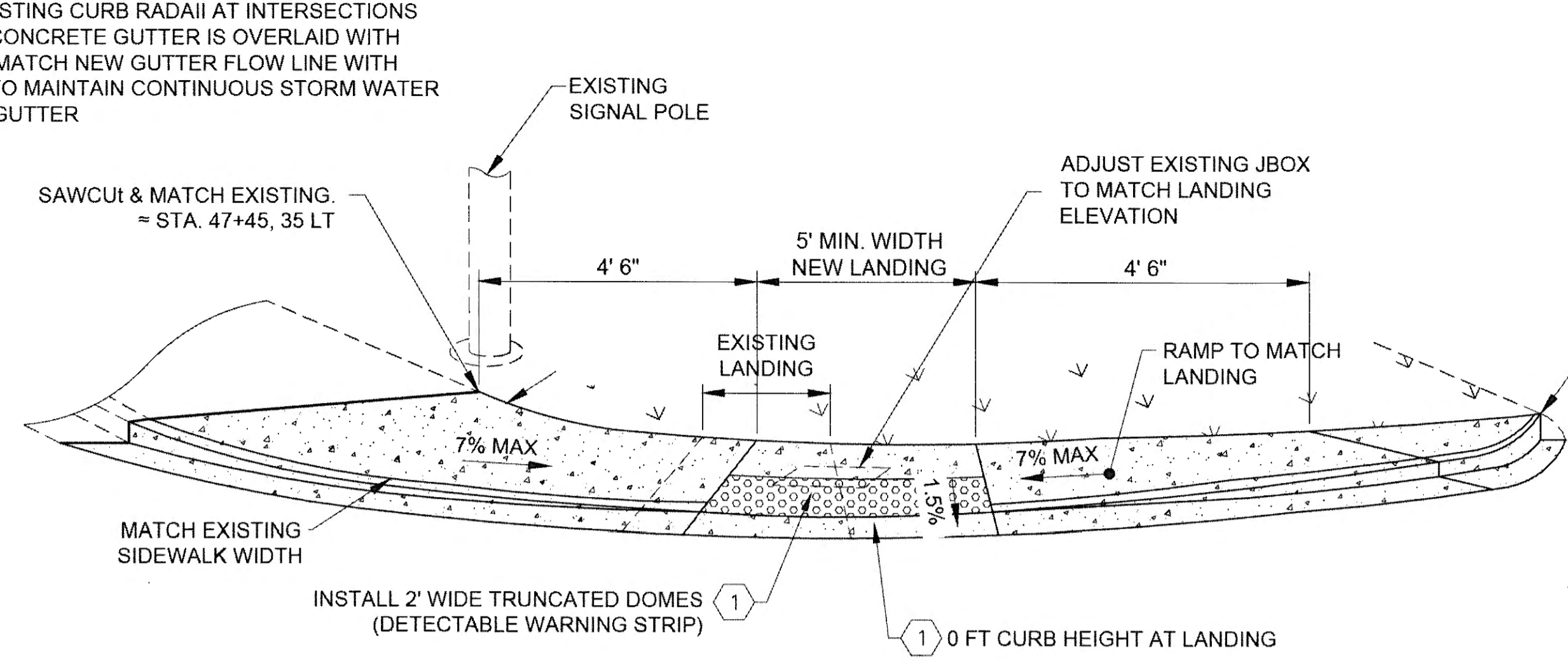
- NOTE:
- 1 SEE STANDARD DRAWING, I-21.03
 - 2 MATCH EXISTING CURB RADII AT INTERSECTIONS
 - 3 EXISTING CONCRETE GUTTER IS OVERLAID WITH ASPHALT. MATCH NEW GUTTER FLOW LINE WITH EXISTING TO MAINTAIN CONTINUOUS STORM WATER FLOWS IN GUTTER
 - PROVIDE D-1 AS LEVELING COURSE WHERE EXISTING COURSE CAN BE REUSED.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Stan Tripp* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

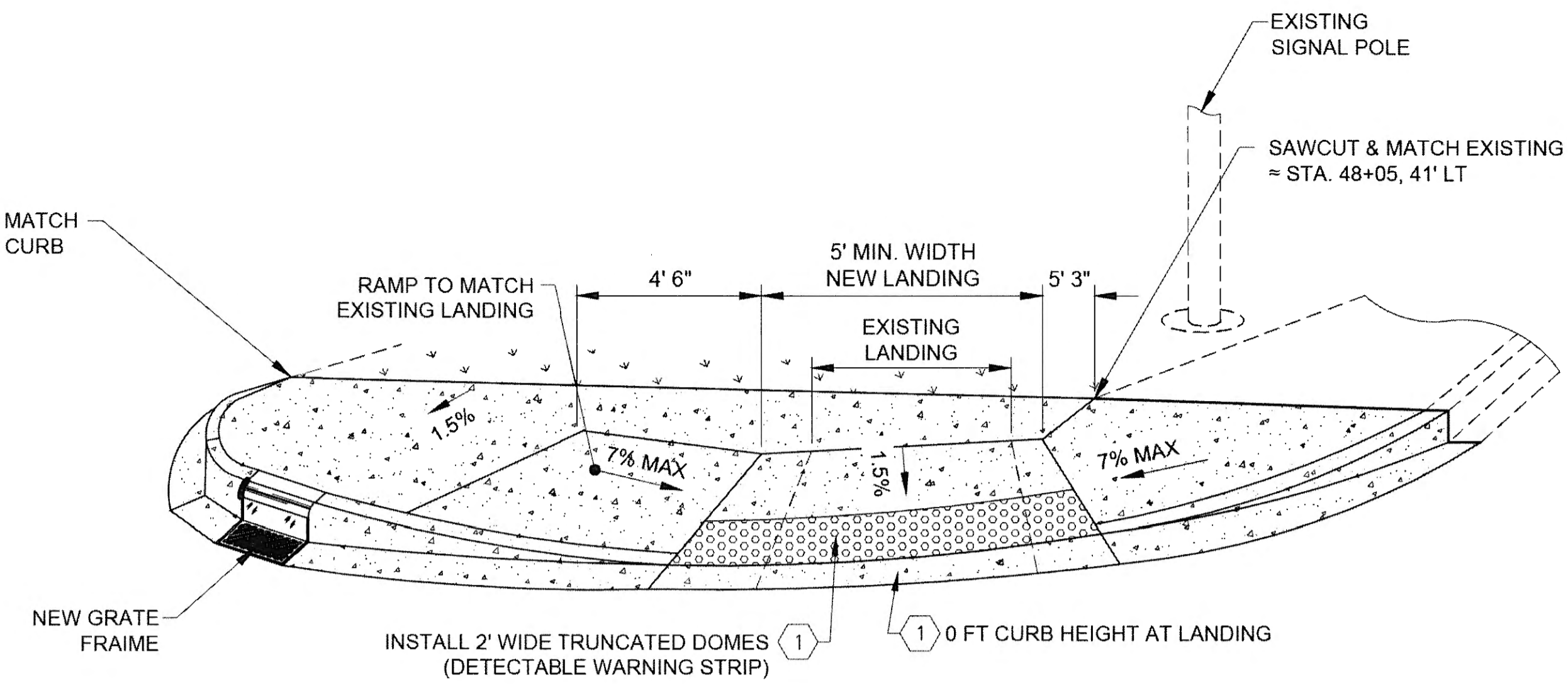
CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS																		
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PATH: Q:\UNU\68129\PLANSET\68129_E1-5_E7-10_MISC DETS.DWG TAB: E3 Thursday, October 22, 2015 2:35:52 PM GEARY, NATE (DOT)																		
<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS			NO.	DATE	DESCRIPTION				<table border="1"> <thead> <tr> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> </thead> <tbody> <tr> <td>NH-0932(049)-68129</td> <td>2015</td> <td>E3</td> <td>E12</td> </tr> </tbody> </table>		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	NH-0932(049)-68129	2015	E3	E12
REVISIONS																				
NO.	DATE	DESCRIPTION																		
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																	
NH-0932(049)-68129	2015	E3	E12																	

- NOTE:
- 1 SEE STANDARD DRAWING, I-21.03
 - 2 MATCH EXISTING CURB RADII AT INTERSECTIONS
 - 3 EXISTING CONCRETE GUTTER IS OVERLAID WITH ASPHALT. MATCH NEW GUTTER FLOW LINE WITH EXISTING TO MAINTAIN CONTINUOUS STORM WATER FLOWS IN GUTTER



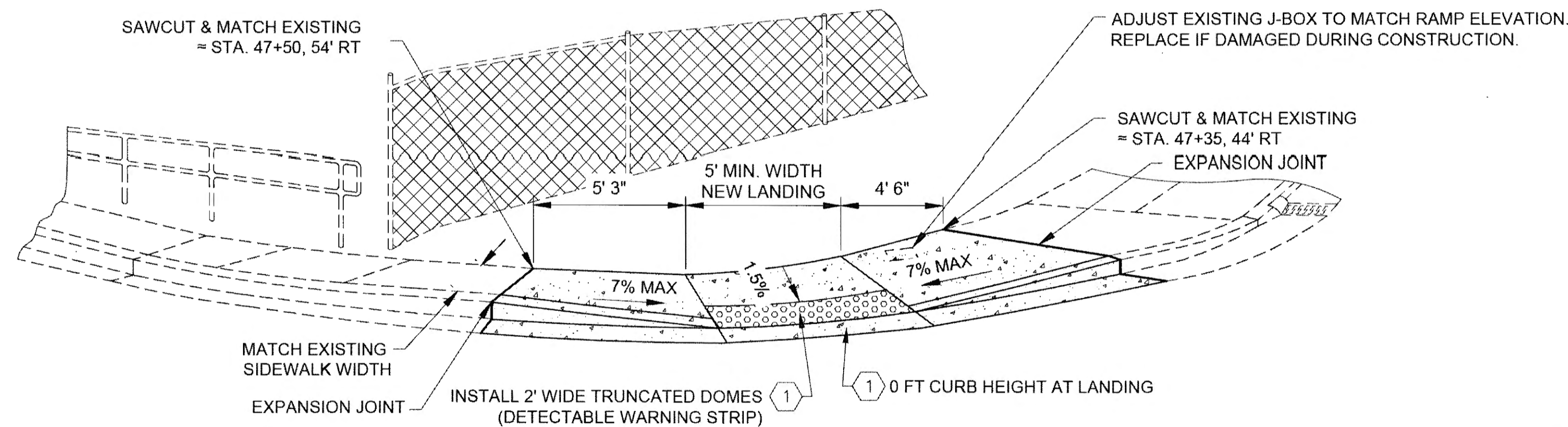
**HARRIS HARBOR WAY / EGAN DRIVE
CURB RAMP DETAIL #2**

N.T.S.
STA. 47+56 LT



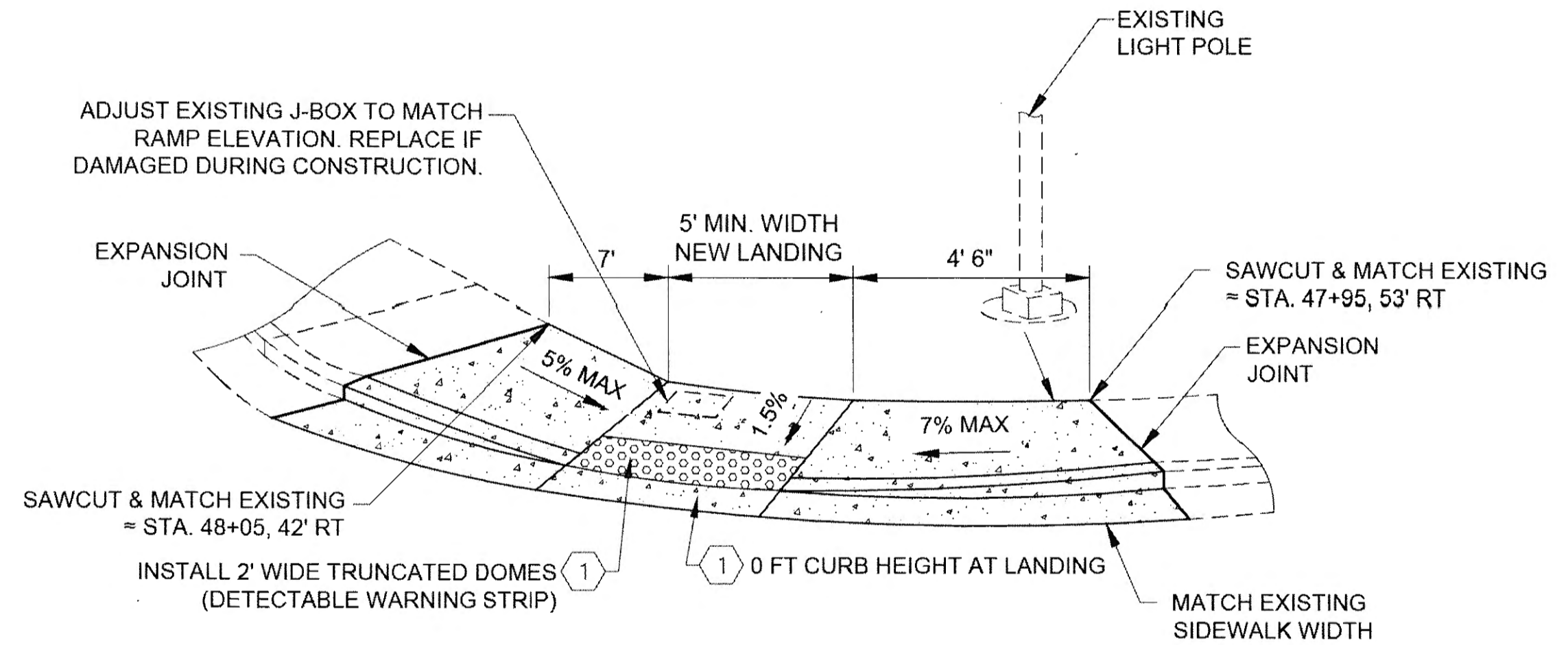
**HARRIS HARBOR WAY / EGAN DRIVE
CURB RAMP DETAIL #4**

N.T.S.
STA. 47+91 LT



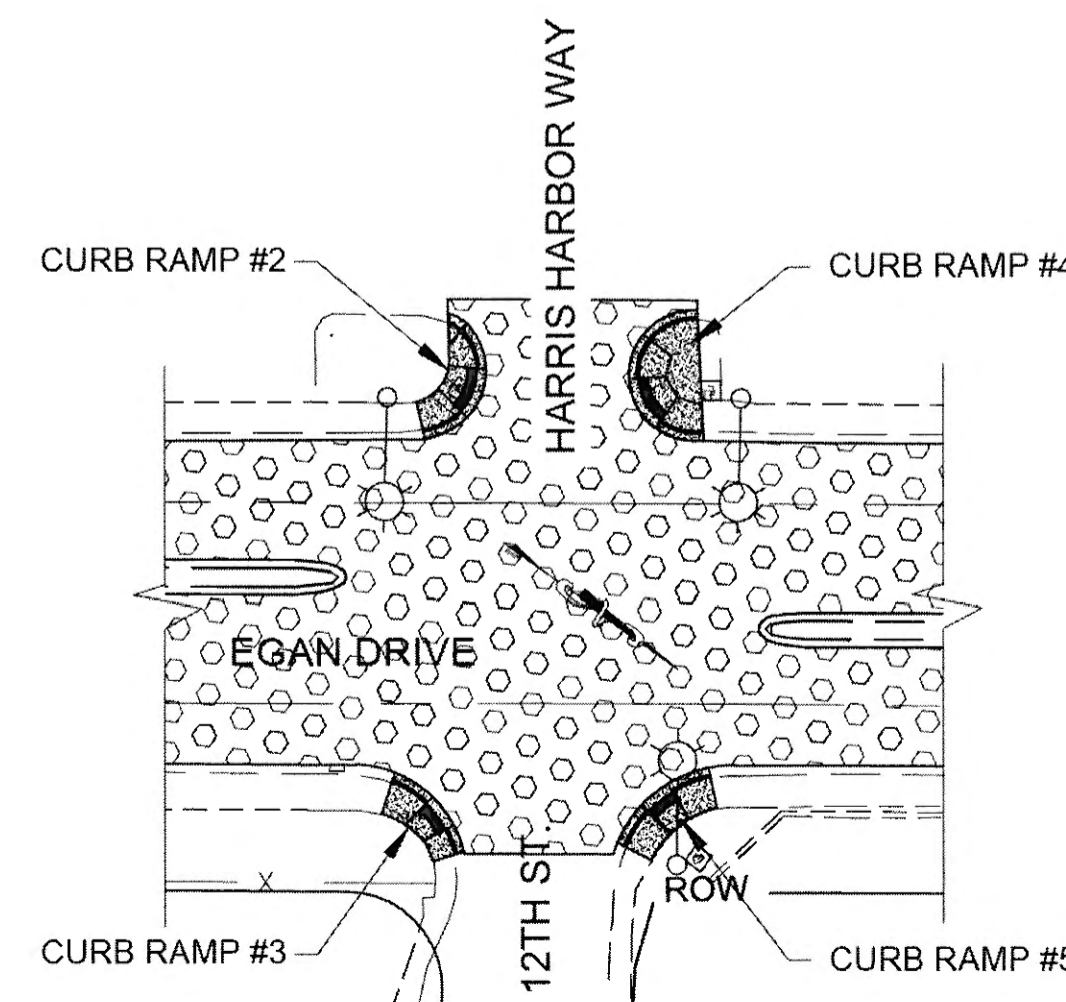
**12TH STREET / EGAN DRIVE
CURB RAMP DETAIL #3**

N.T.S.
STA. 47+48 RT



**12TH STREET / EGAN DRIVE
CURB RAMP DETAIL #5**

N.T.S.
STA. 47+95 RT



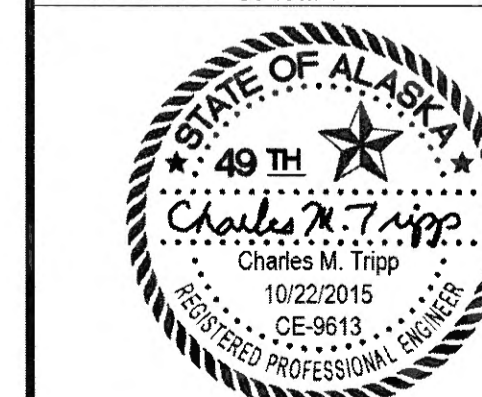
LOCATION MAP

N.T.S.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: *Steve Miller* Date: *2/20/20*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHCOST REGION

**JUNEAU
EGAN DRIVE PAVEMENT
REHABILITATION
PROJECT #68129**

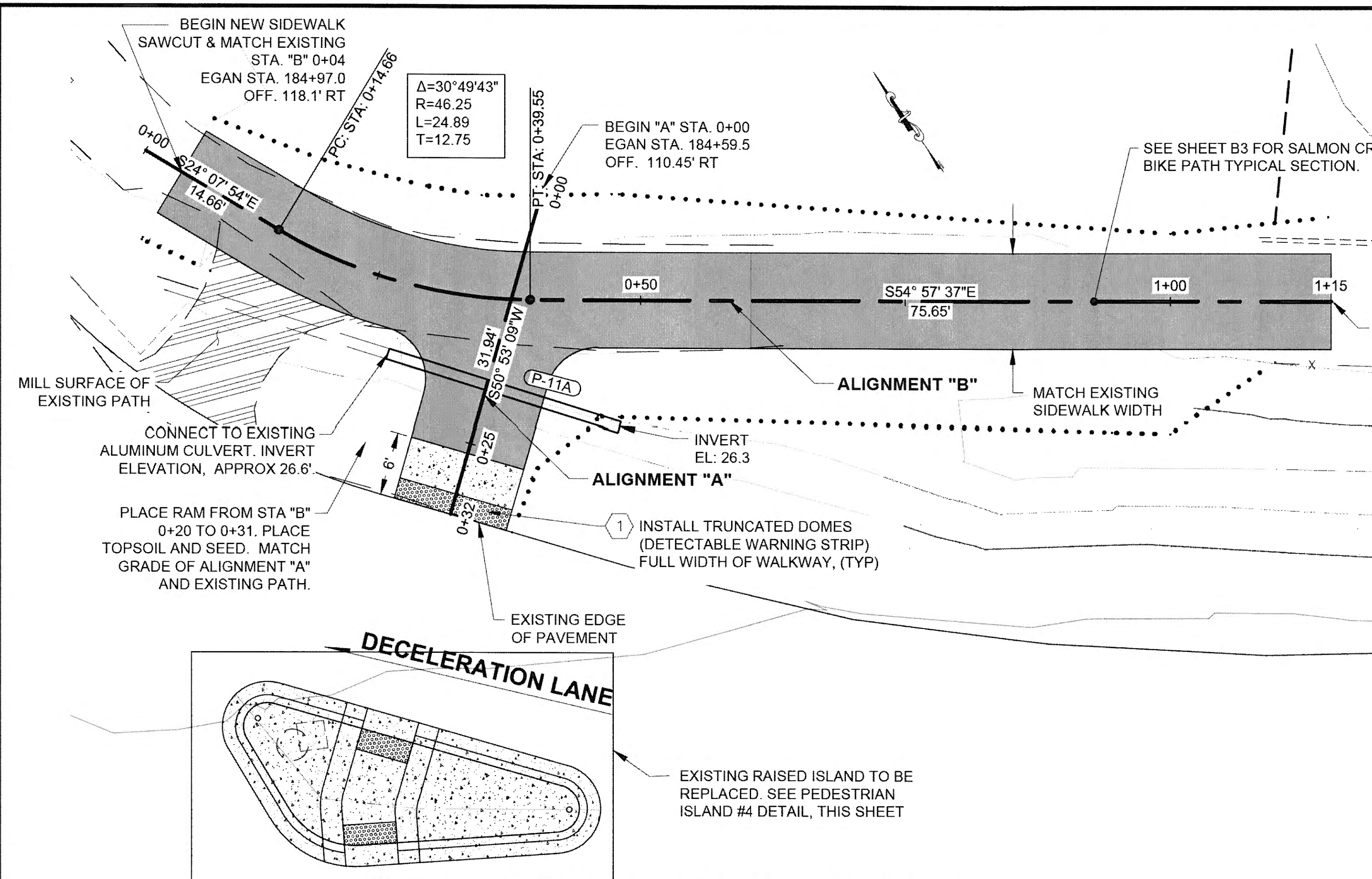
**MISCELLANEOUS
DETAILS**

DESIGNED BY: CT, CI, NG, TF
DRAWN BY: RG, NG, TF

PATH: Q:\JUNU\68129\PLANSET\68129_E1-5_E7-10_MISC DETS.DWG

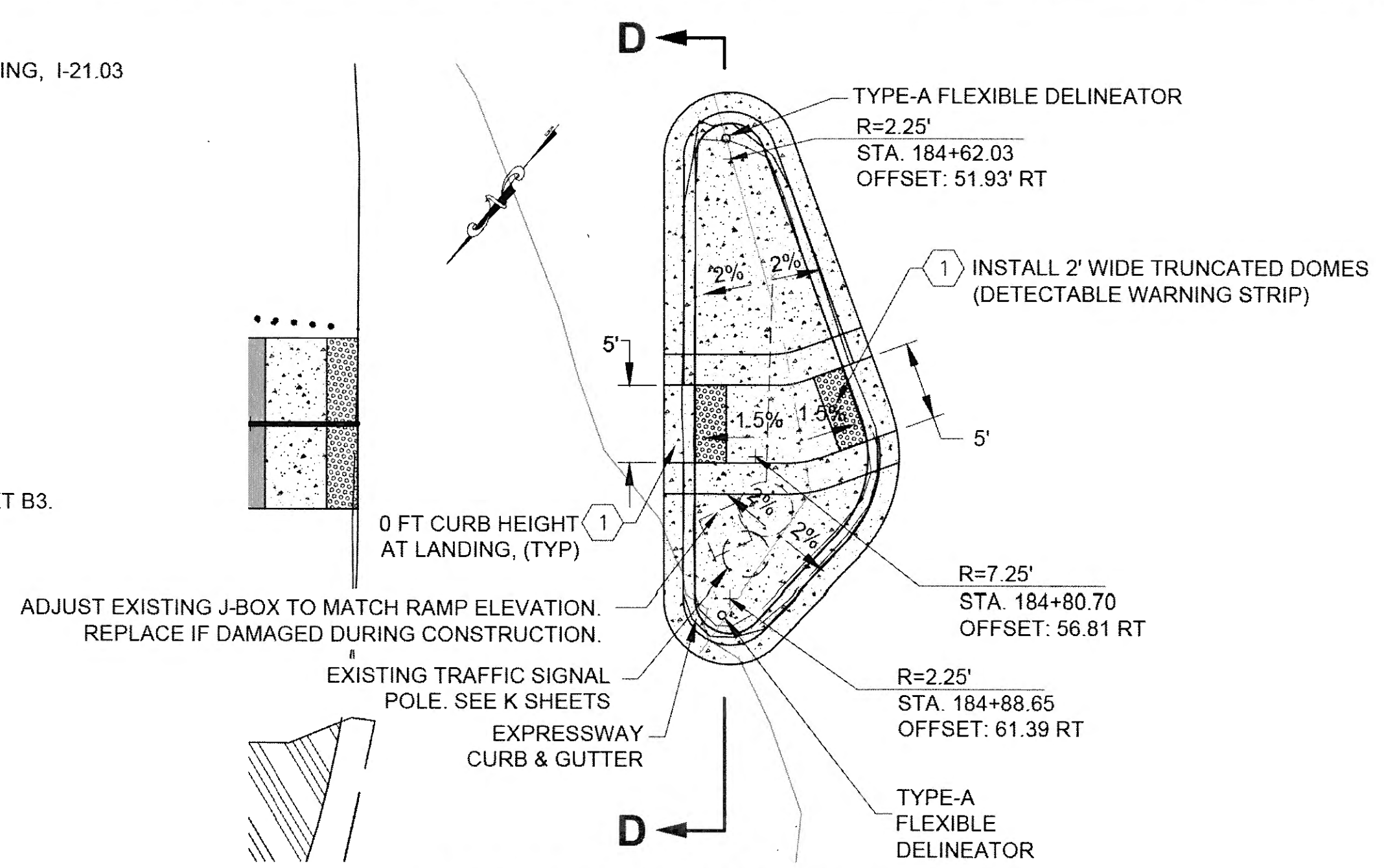
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NO.	DATE	DESCRIPTION				
			NH-0932(049)~68129	2015	E4	E12

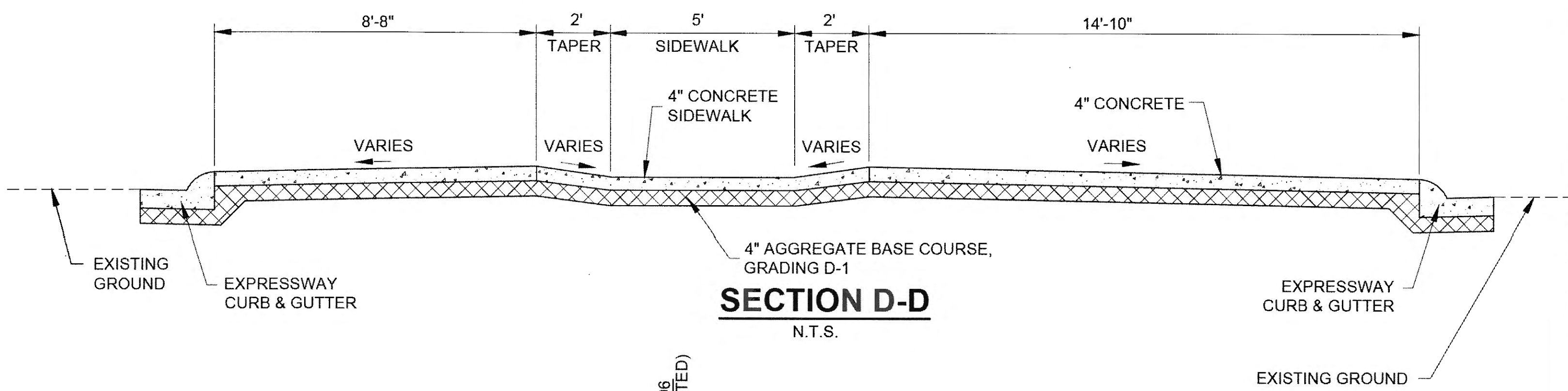


BIKEPATH ALIGNMENT "B" PLAN
N.T.S.

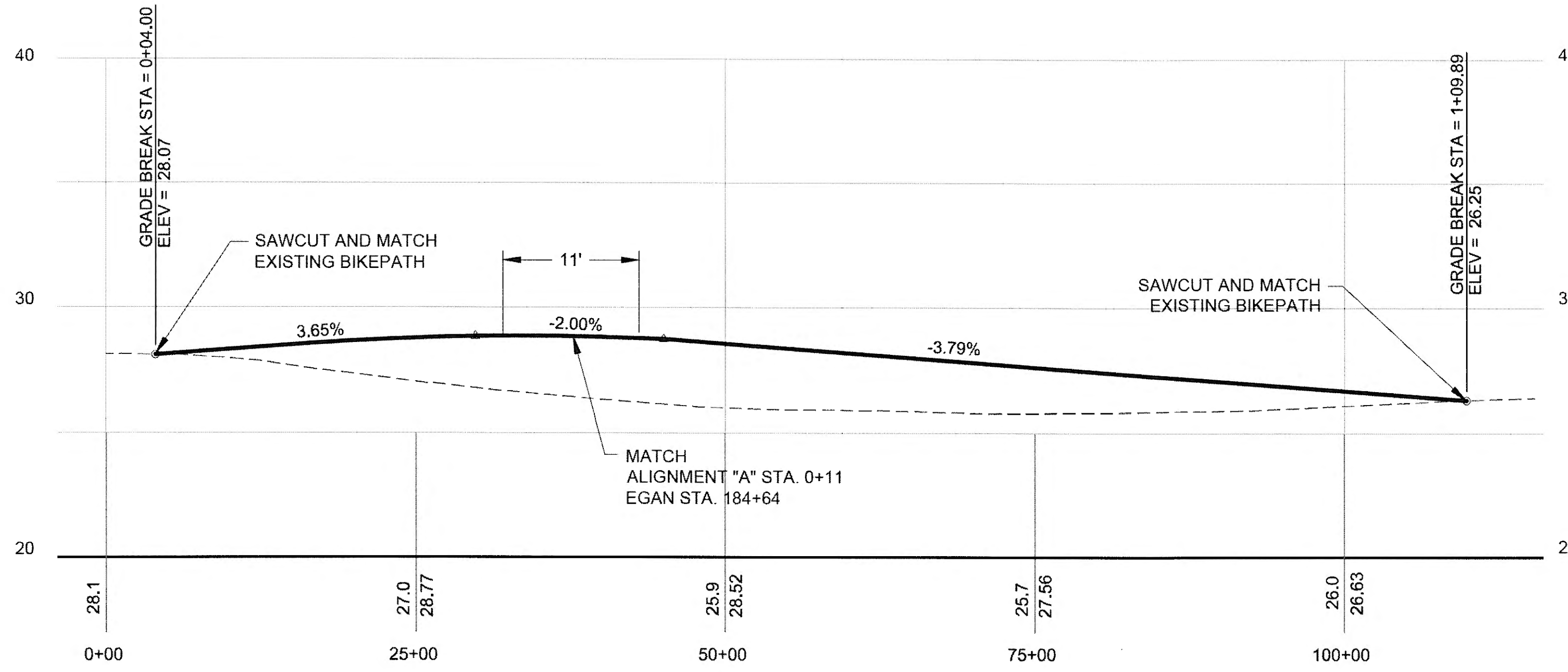
NOTE:
1 SEE STANDARD DRAWING, I-21.03



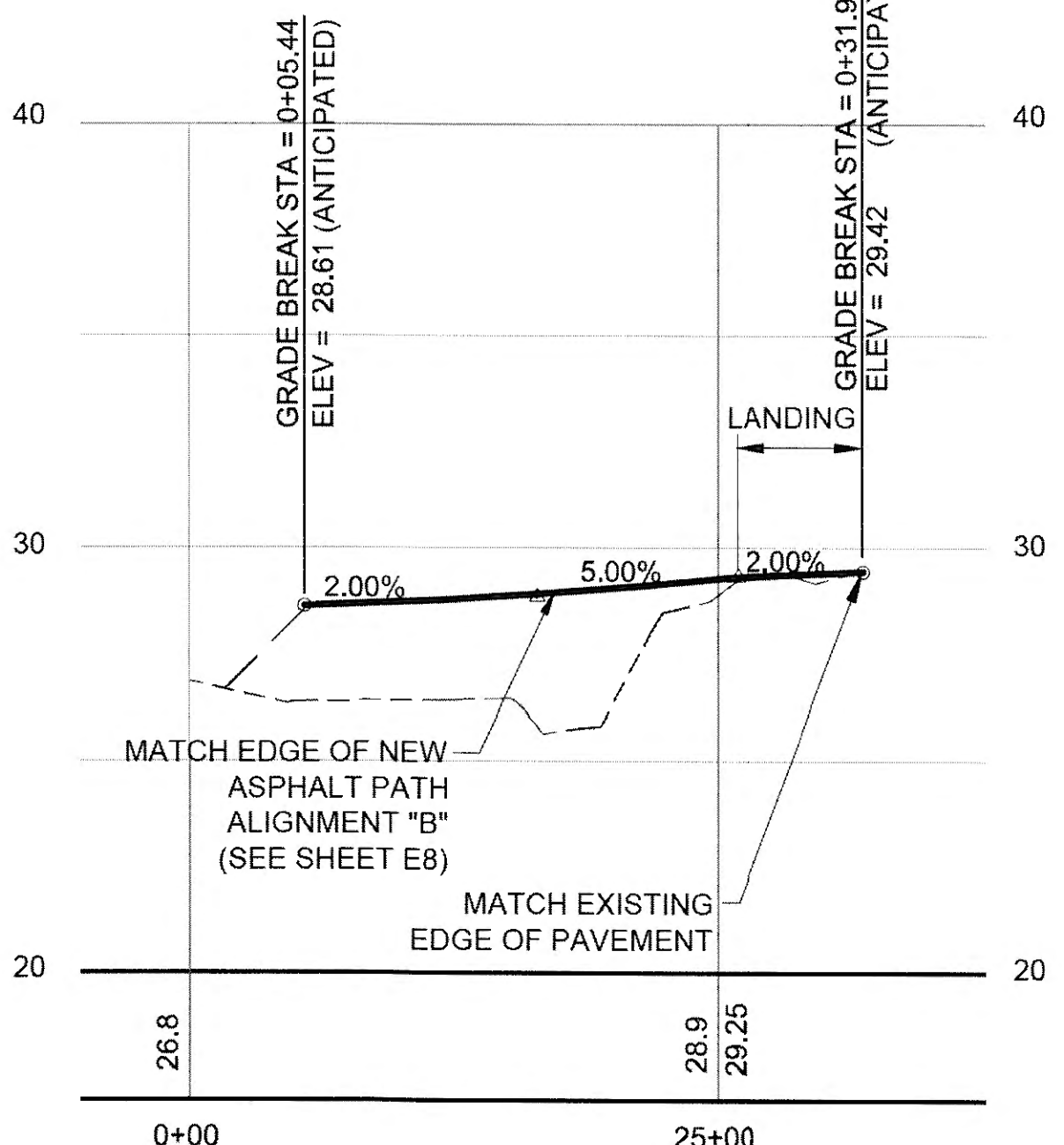
PEDESTRIAN ISLAND #4
N.T.S.
STA. 184+80, RT



SECTION D-D
N.T.S.



BIKEPATH ALIGNMENT "B" PROFILE
N.T.S.



ALIGNMENT "A" PROFILE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Miller* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129

MISCELLANEOUS DETAILS

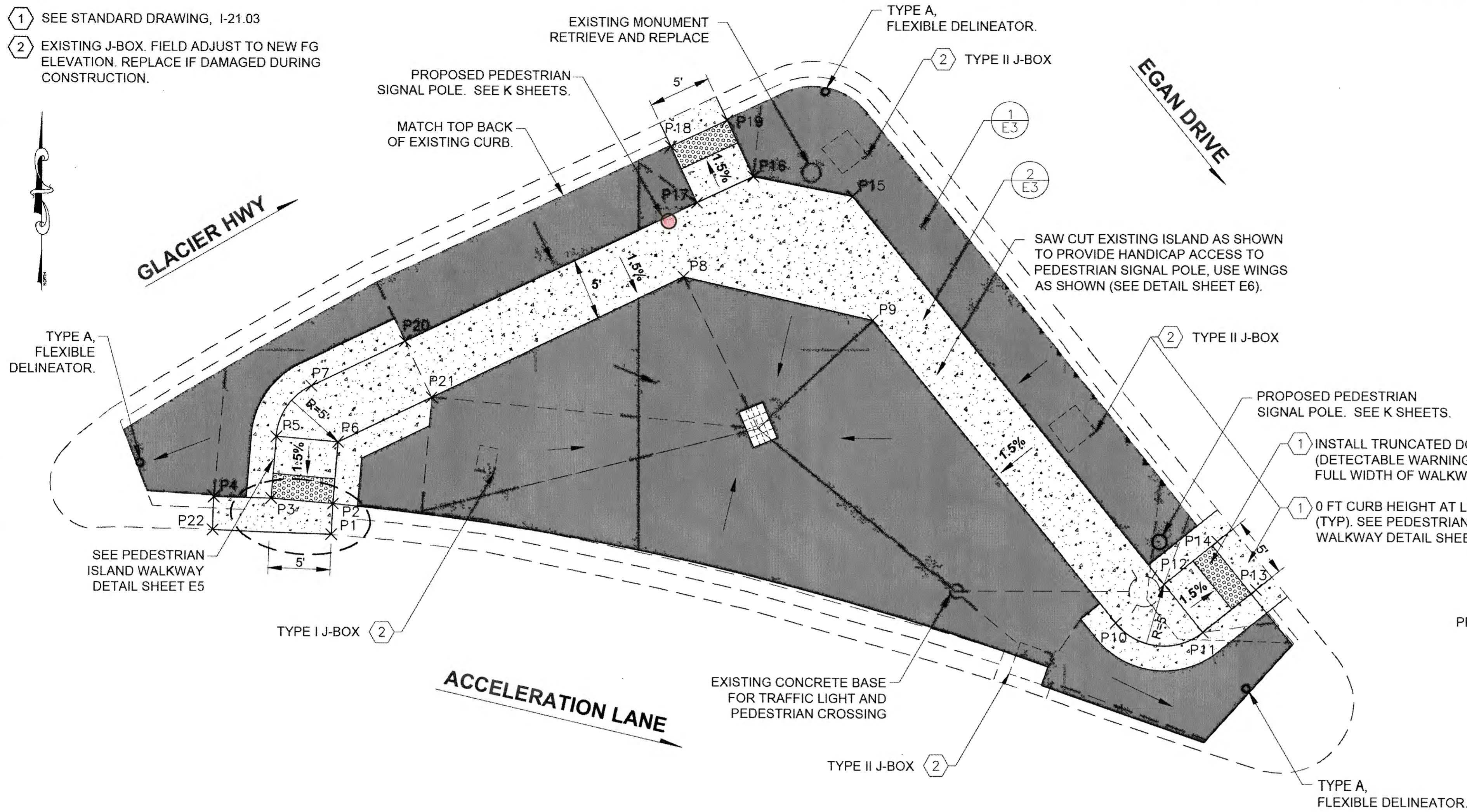
DESIGNED BY: CT, CI, NG, TF
DRAWN BY: RG, NG, TF

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TAB: E6 Thursday, October 22, 2015 2:38:49 PM GEARY, NATE (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-0932(049)~68129	2015	E6	E14

NOTE:

- 1 SEE STANDARD DRAWING, I-21.03
- 2 EXISTING J-BOX. FIELD ADJUST TO NEW FG ELEVATION. REPLACE IF DAMAGED DURING CONSTRUCTION.

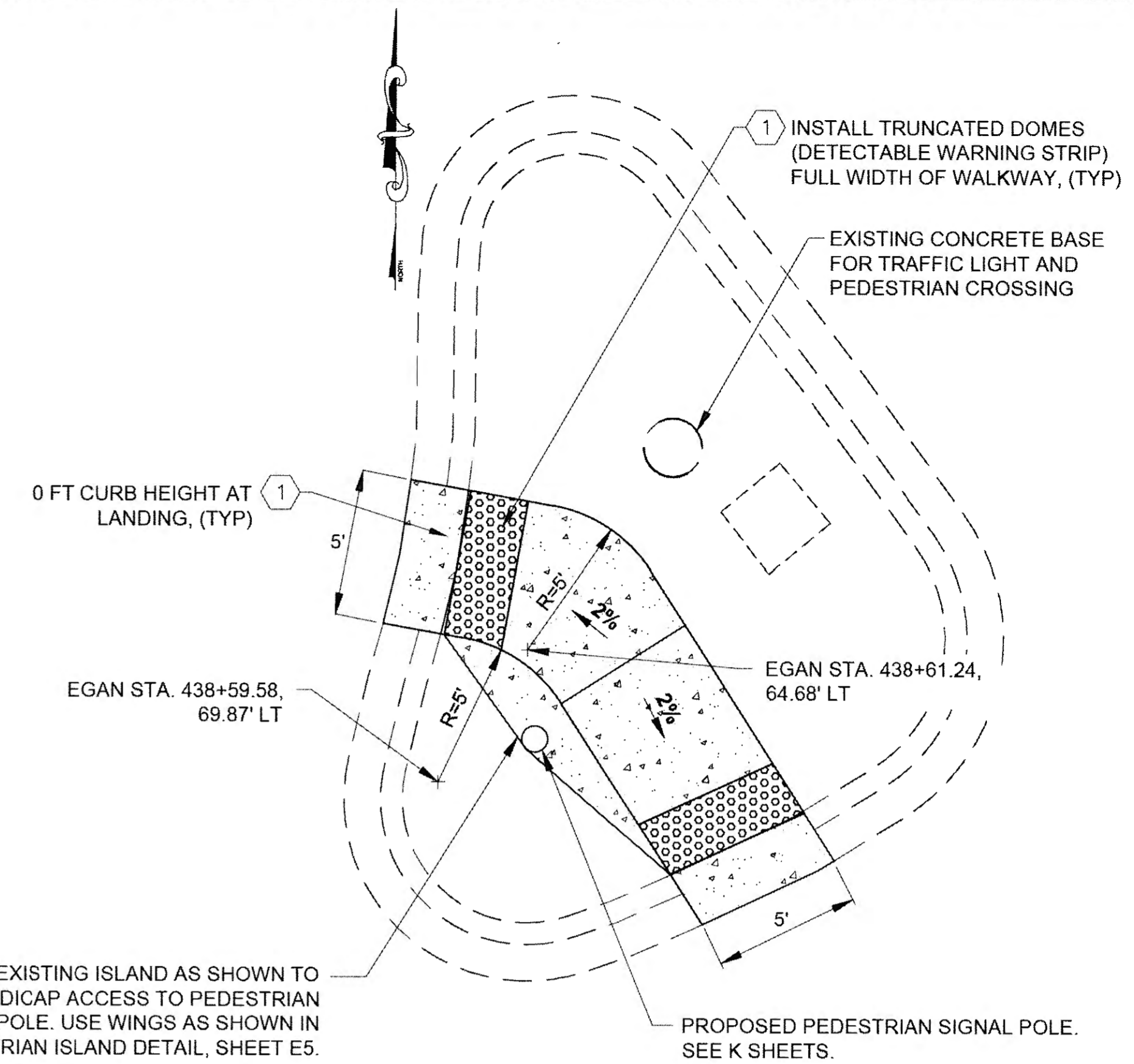


**GLACIER HWY. / EGAN DRIVE
PEDESTRIAN ISLAND #5**

N.T.S.
STA. 437+70 LT

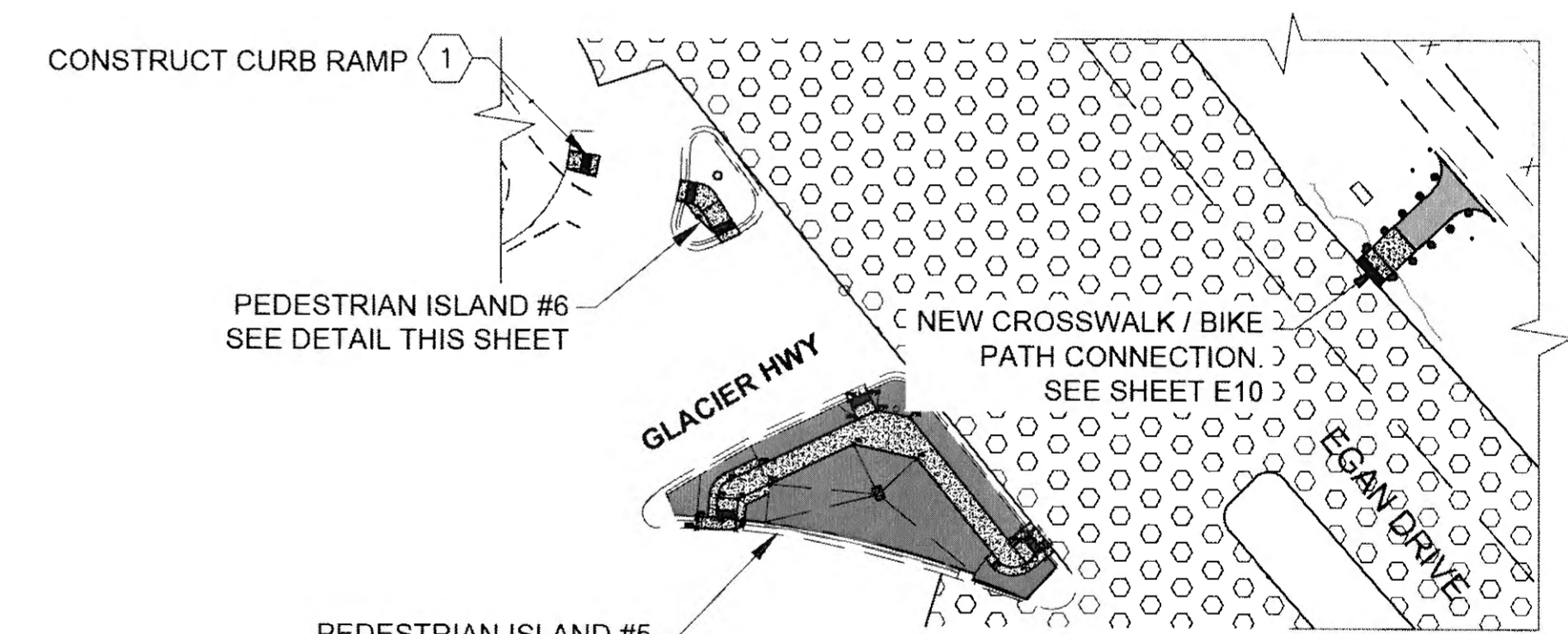
NUGGET RAISED ISLAND POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	STATION	OFFSET
P1	502830.05	498838.13	33.6	437+95.28	106.45LT
P2	502832.53	498838.24	33.64	437+97.06	104.80LT
P3	502832.96	498833.26	33.64	438+00.41	108.40LT
P4	502833.07	498828.64	34.3	438+03.29	111.92LT
P5	502837.94	498833.68	33.72	438+03.88	104.94LT
P6	502837.52	498838.67	33.72	438+00.54	101.33LT
P7	502842.03	498836.51	33.8	438+05.24	100.17LT
P8	502850.95	498866.55	34.23	437+93.60	71.21LT
P9	502847.5	498881.83	34.23	437+81.54	61.57LT
P10	502823.1	498901.47	34.23	437+50.90	62.05LT
P11	502822.34	498908.5	34.23	437+45.90	57.16LT
P12	502826.24	498905.36	34.3	437+50.80	57.05LT
P13	502825.79	498912.78	34.2	437+45.78	51.66LT
P14	502829.69	498909.65	34.2	437+50.69	51.55LT
P15	502857.51	498880.19	34.3	437+90.15	56.49LT
P16	502859.08	498872.18	34.3	437+96.29	61.72LT
P17	502856.97	498867.64	34.3	437+97.49	66.57LT
P18	502861.51	498865.54	34.2	438+02.23	65.35LT
P19	502863.61	498870.07	34.2	438+01.04	60.50LT
P20	502845.65	498844.05	34.3	438+03.38	92.03LT
P21	502841.15	498846.21	34.23	437+98.68	93.18LT
P22	502830.42	498828.55	33.6	438+01.36	113.66LT



**GLACIER HWY. / EGAN DRIVE
PEDESTRIAN ISLAND #6**


N.T.S.
STA. 438+60 LT



LOCATION MAP

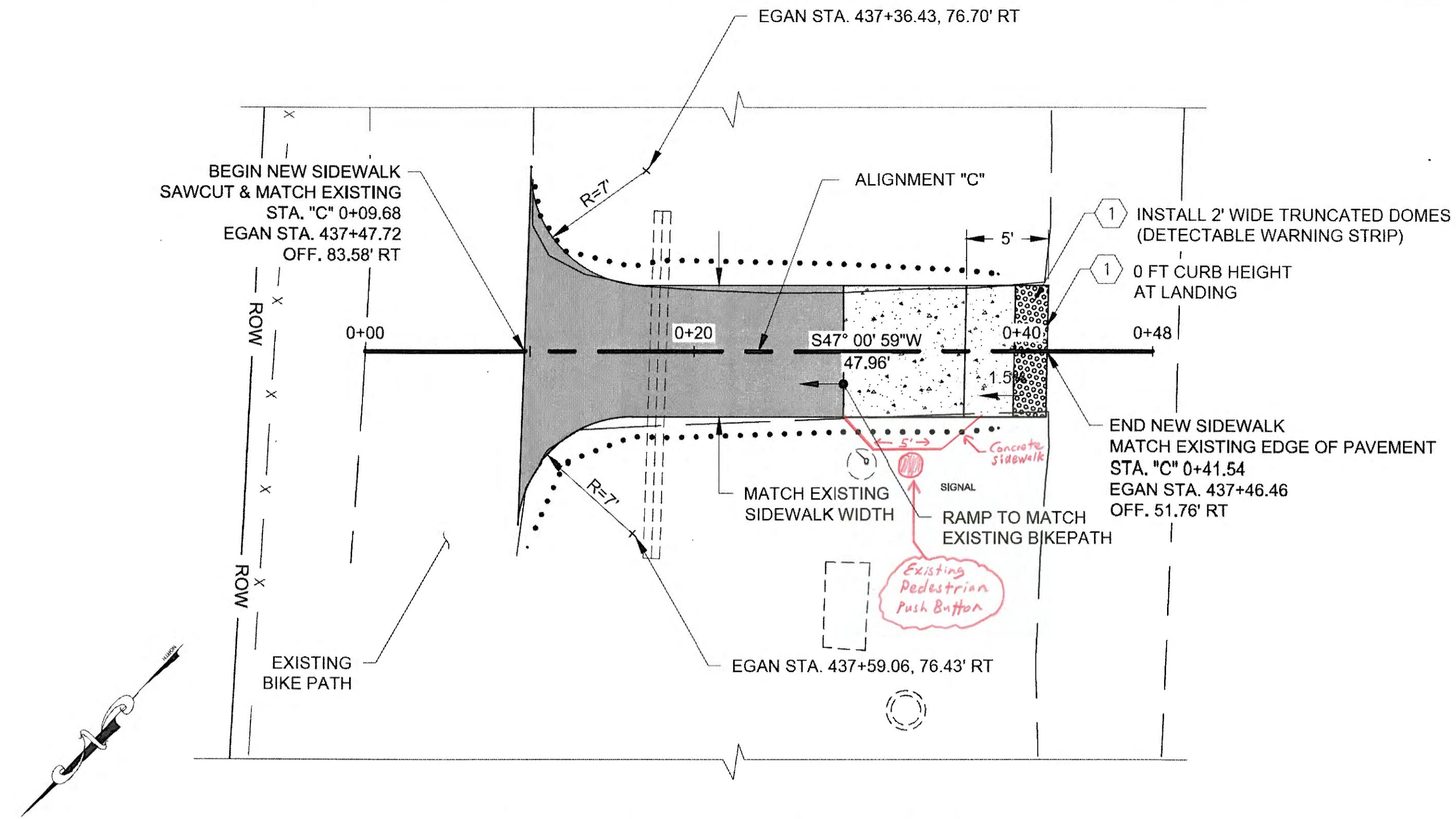
N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP  DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS			
PATH: Q:\JUNU68129\PLANSET\68129_E1-5_E7-10_MISC DETS.DWG TAB: E7 Thursday, October 22, 2015 2:36:31 PM GEARY, NATE (DOT)		PROJECT DESIGNATION NH-0932(049)~68129	YEAR 2015	SHEET NO. E7	TOTAL SHEETS E12
REVISIONS NO. DATE DESCRIPTION					

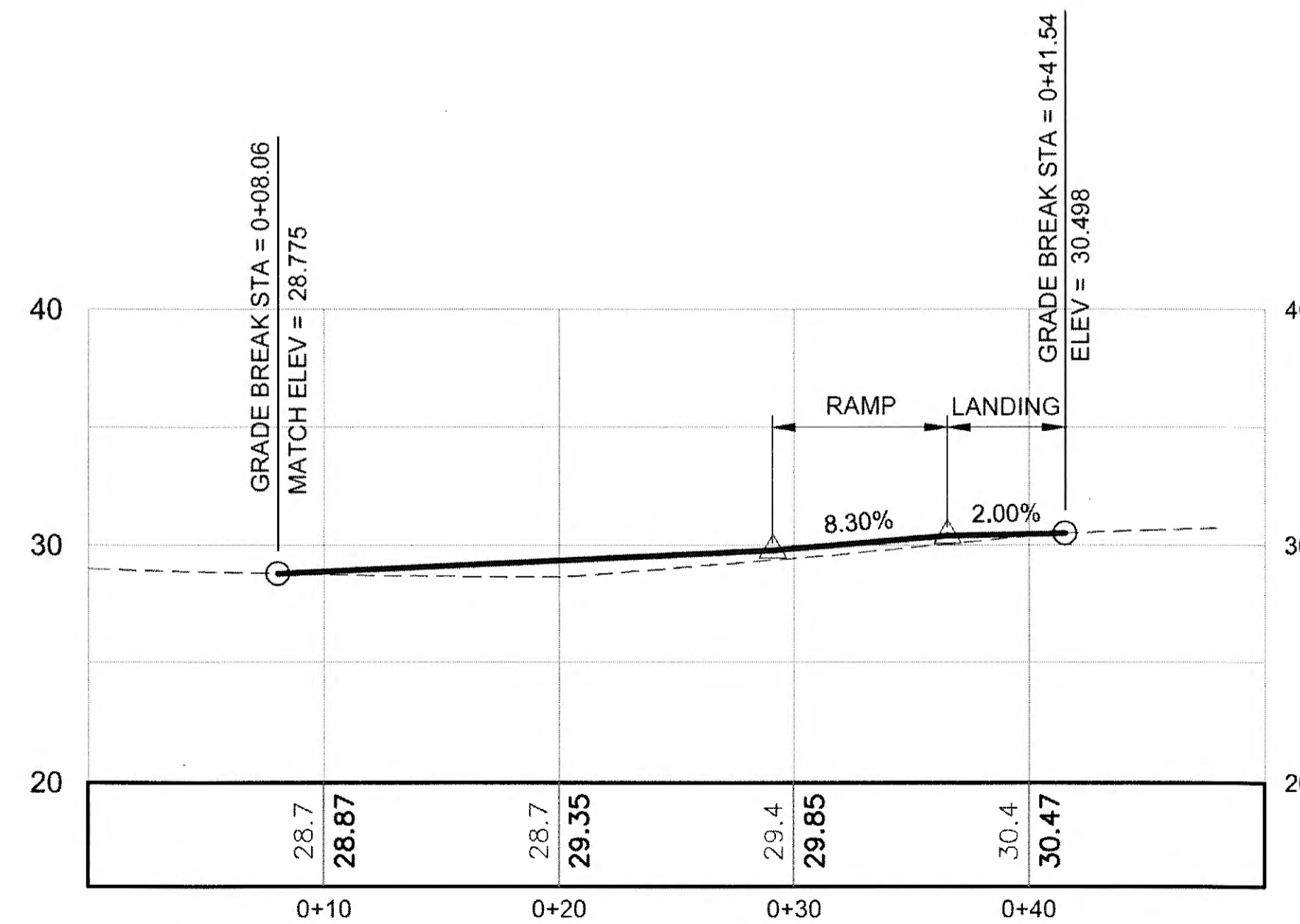
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Steve Miller* Date: 2/20/20

NOTE:
 1 SEE STANDARD DRAWING, I-21.03



BIKE PATH ALIGNMENT "C" PLAN

N.T.S.
 STA. 437+46 RT




BIKE PATH ALIGNMENT "C" PROFILE

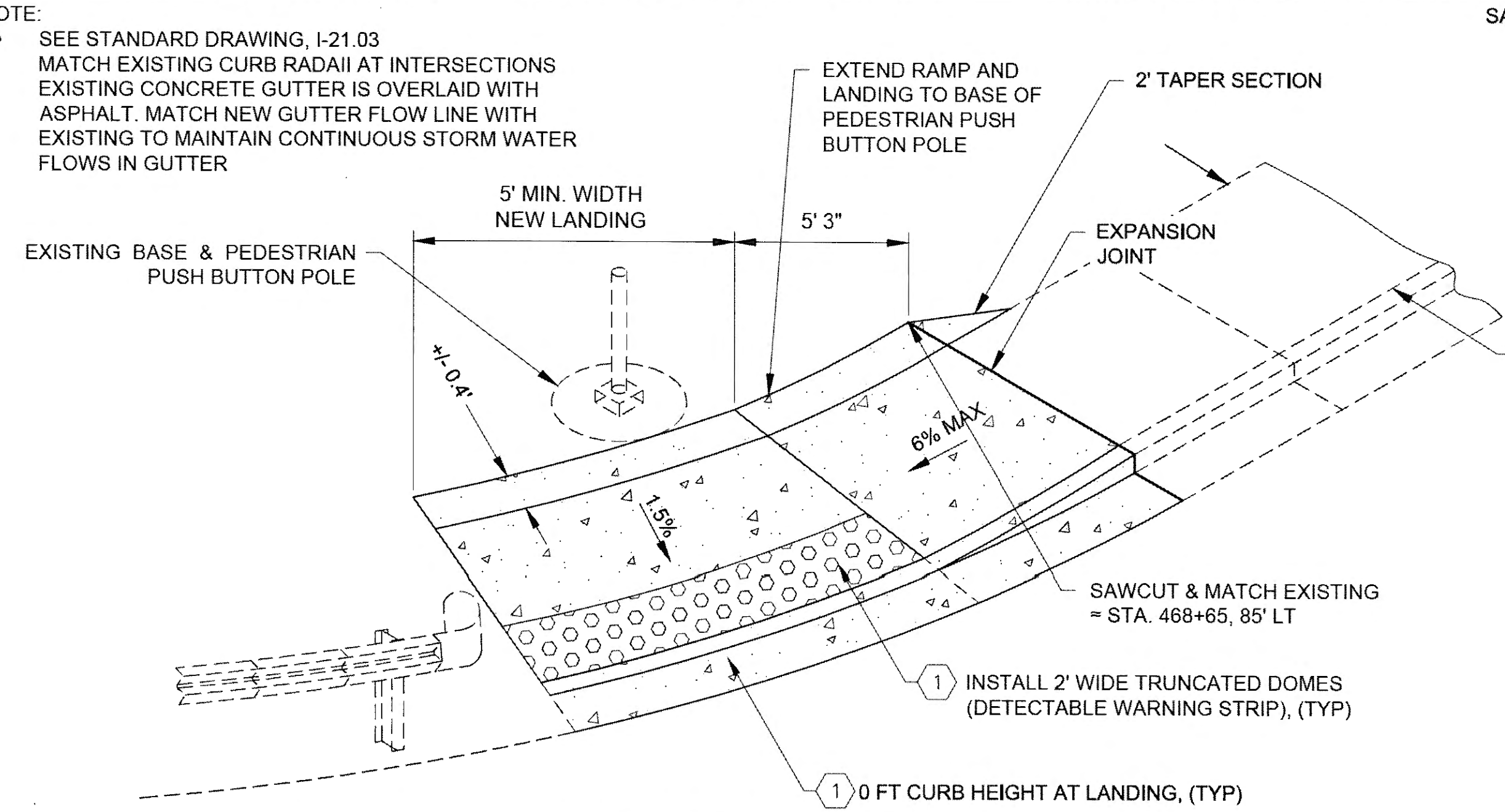
N.T.S.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stan Mabe* Date 2/20/20

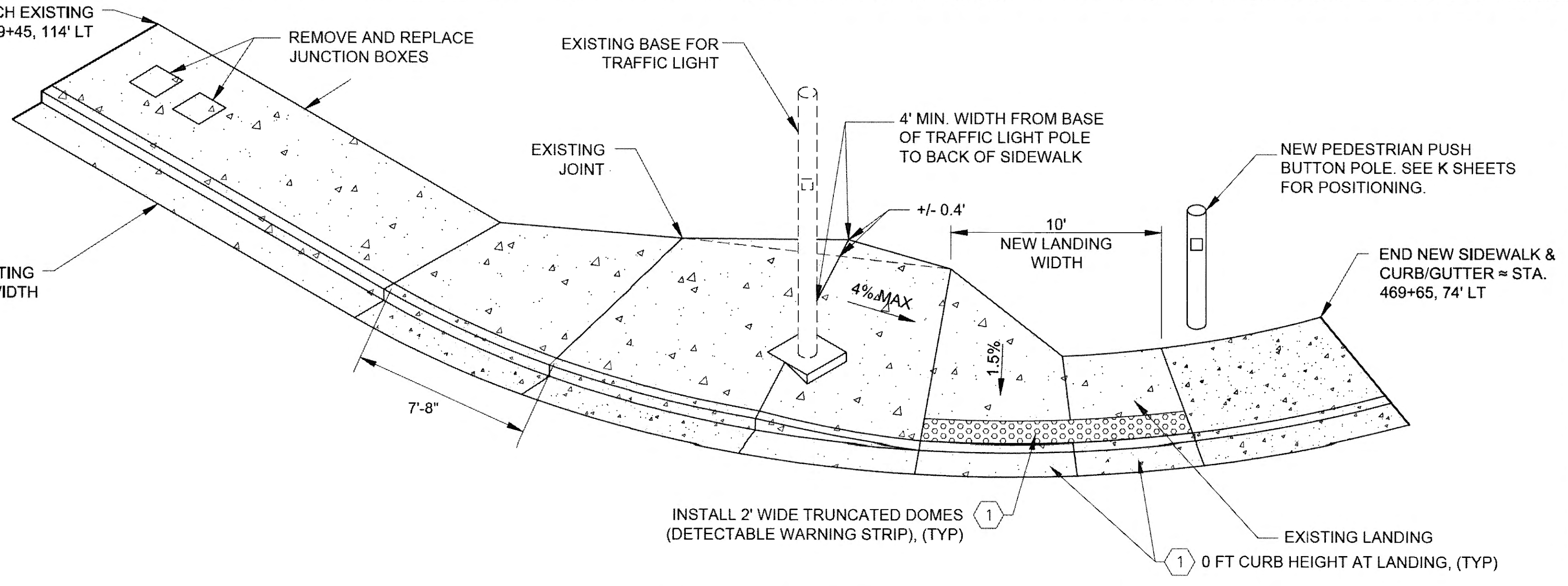
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS	
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PROJECT DESIGNATION: NH-0932(049)~68129 YEAR: 2015 SHEET NO.: E8 TOTAL SHEETS: E12	
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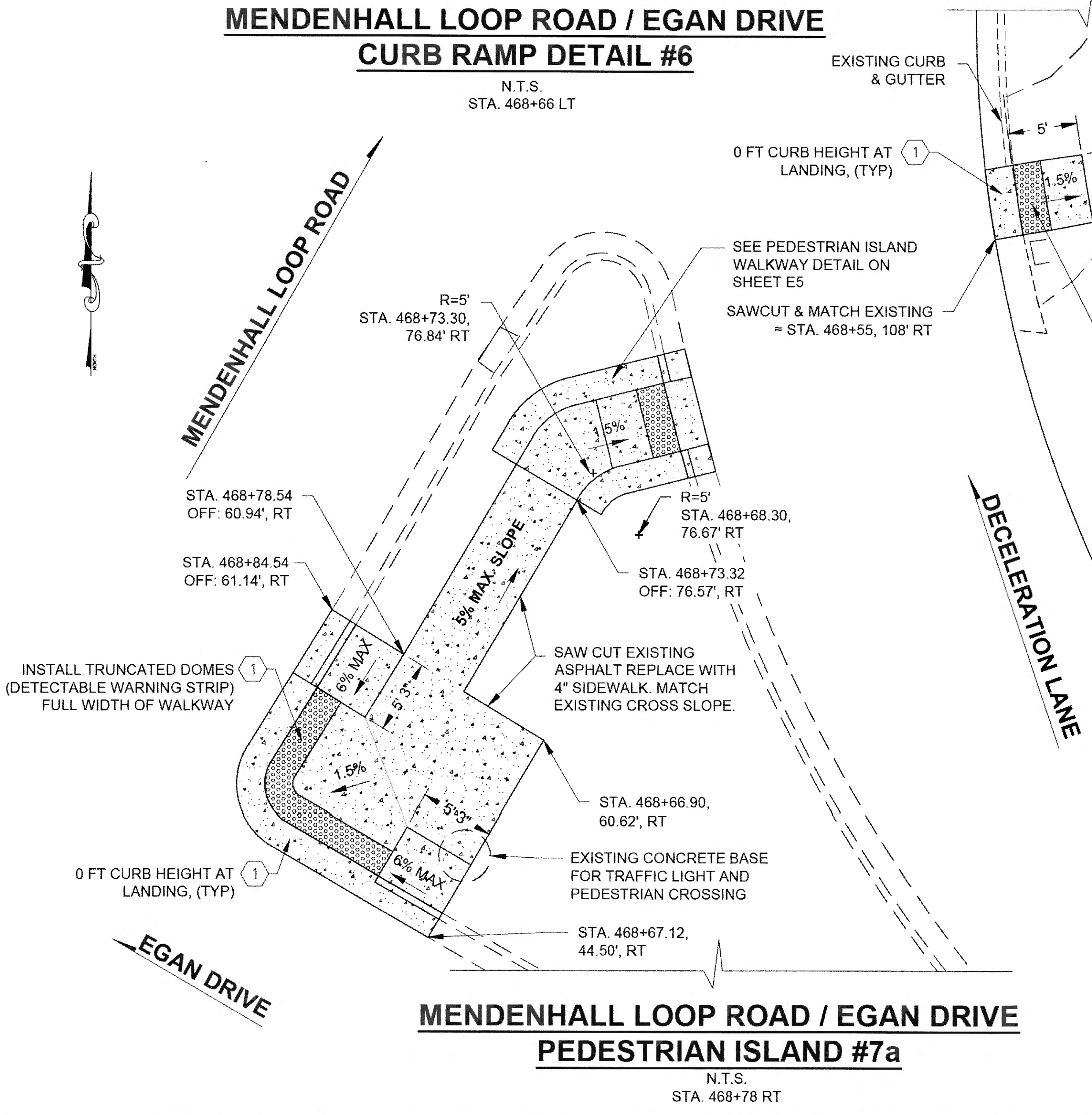
NOTE:
 1 SEE STANDARD DRAWING, I-21.03
 2 MATCH EXISTING CURB RADII AT INTERSECTIONS
 3 EXISTING CONCRETE GUTTER IS OVERLAID WITH ASPHALT. MATCH NEW GUTTER FLOW LINE WITH EXISTING TO MAINTAIN CONTINUOUS STORM WATER FLOWS IN GUTTER



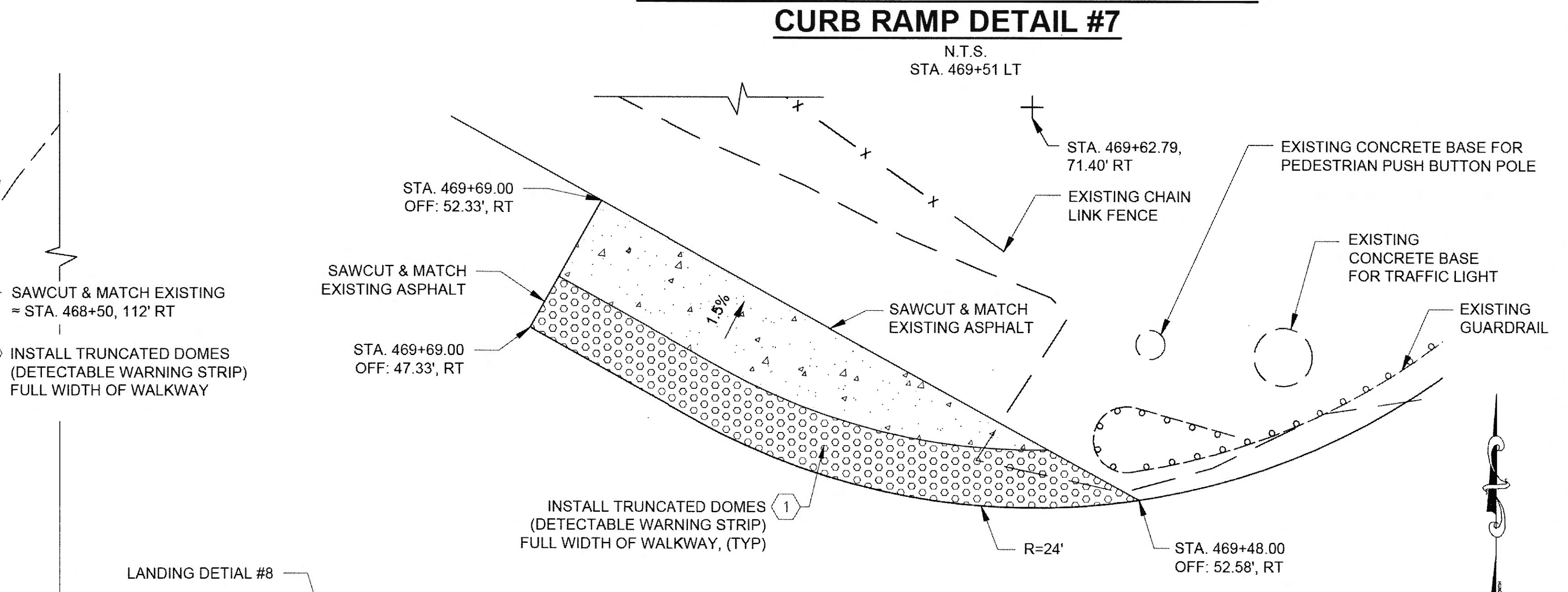
**MENDENHALL LOOP ROAD / EGAN DRIVE
 CURB RAMP DETAIL #6**
 N.T.S.
 STA. 468+66 LT



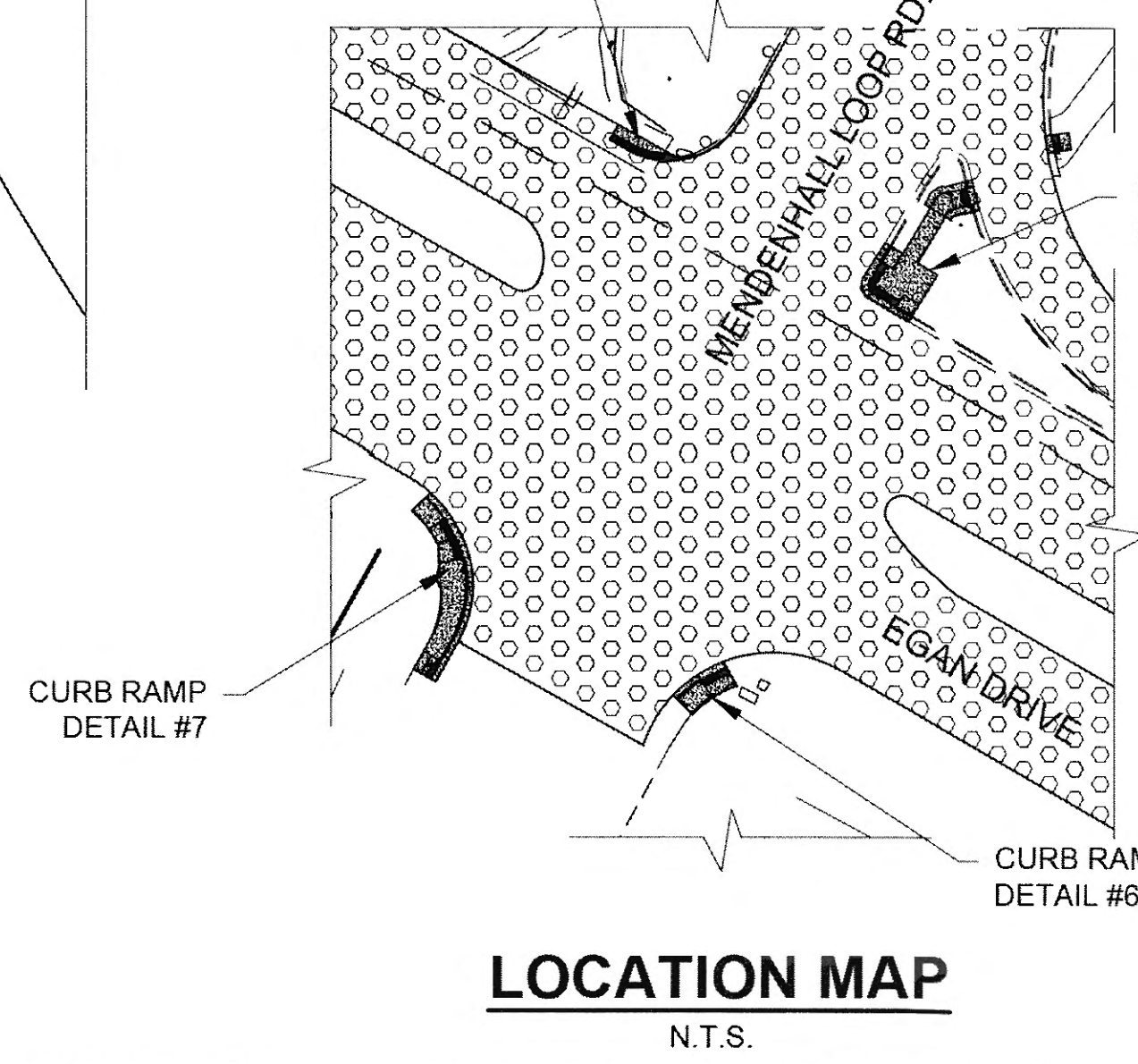
**MENDENHALL LOOP ROAD / EGAN DRIVE
 CURB RAMP DETAIL #7**
 N.T.S.
 STA. 469+51 LT



**MENDENHALL LOOP ROAD / EGAN DRIVE
 PEDESTRIAN ISLAND #7a**
 N.T.S.
 STA. 468+78 RT



**MENDENHALL LOOP ROAD / EGAN DRIVE
 LANDING DETAIL #8**
 N.T.S.
 STA. 469+60 RT



LOCATION MAP
 N.T.S.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Miller* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

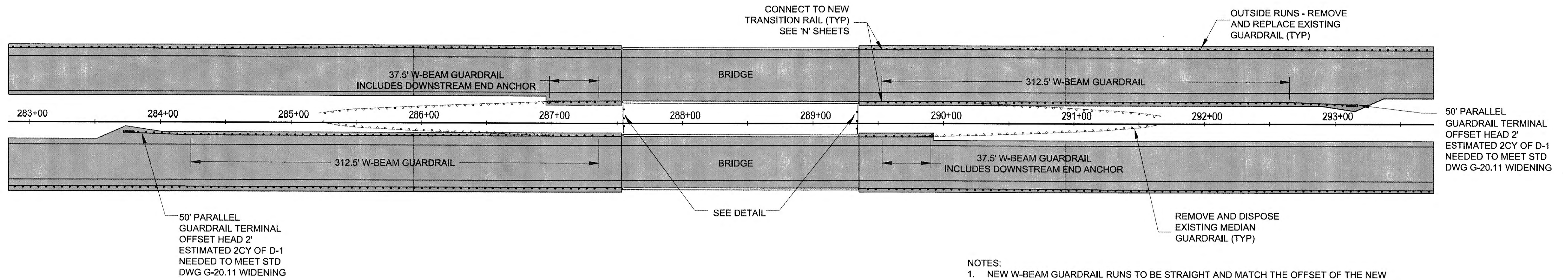
49th
 Charles M. Tripp
 10/22/2015
 CE-9613
 REGISTERED PROFESSIONAL ENGINEER

JUNEAU
 EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129
 MISCELLANEOUS DETAILS

DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF

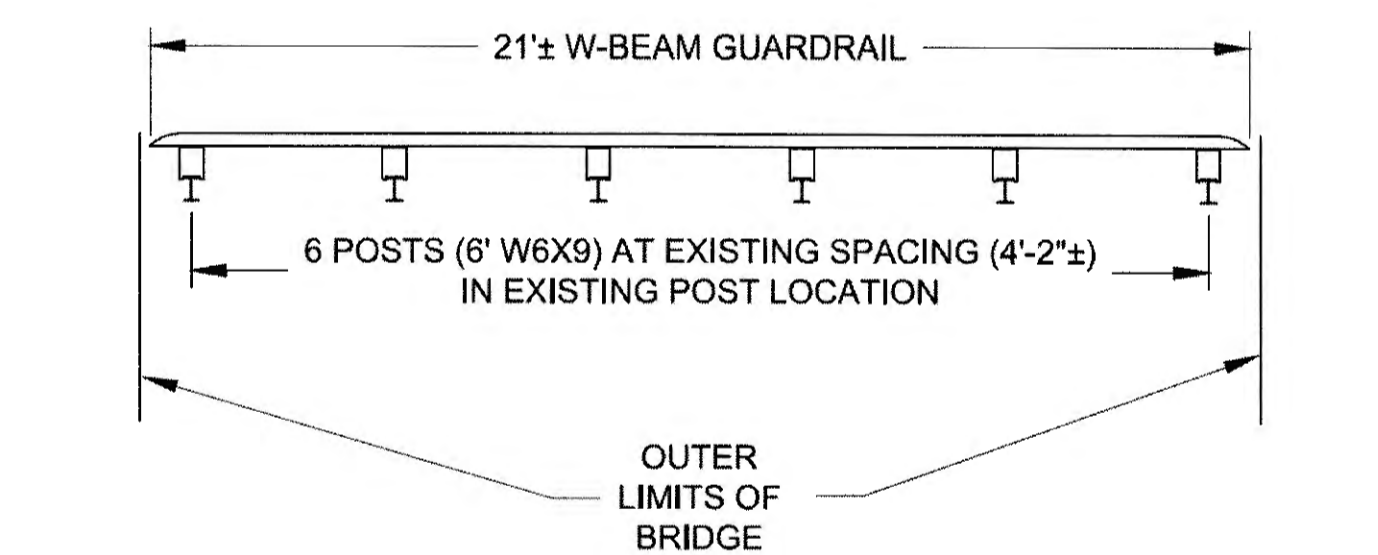
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 TAB: E9 Thursday, October 22, 2015 2:37:05 PM GEARY, NATE (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-0932(049)-68129	2015	E9	E12



- NOTES:
1. NEW W-BEAM GUARDRAIL RUNS TO BE STRAIGHT AND MATCH THE OFFSET OF THE NEW TRANSITION RAIL BEING CONNECTED TO.
 2. VARY GUARDRAIL HEIGHT OVER 25' TO MATCH HEIGHT OF NEW TRANSITION RAIL AND END TERMINAL HEIGHTS SPECIFIED BY MANUFACTURER.

MEDIAN GUARDRAIL AT LEMON CREEK BRIDGE
NTS

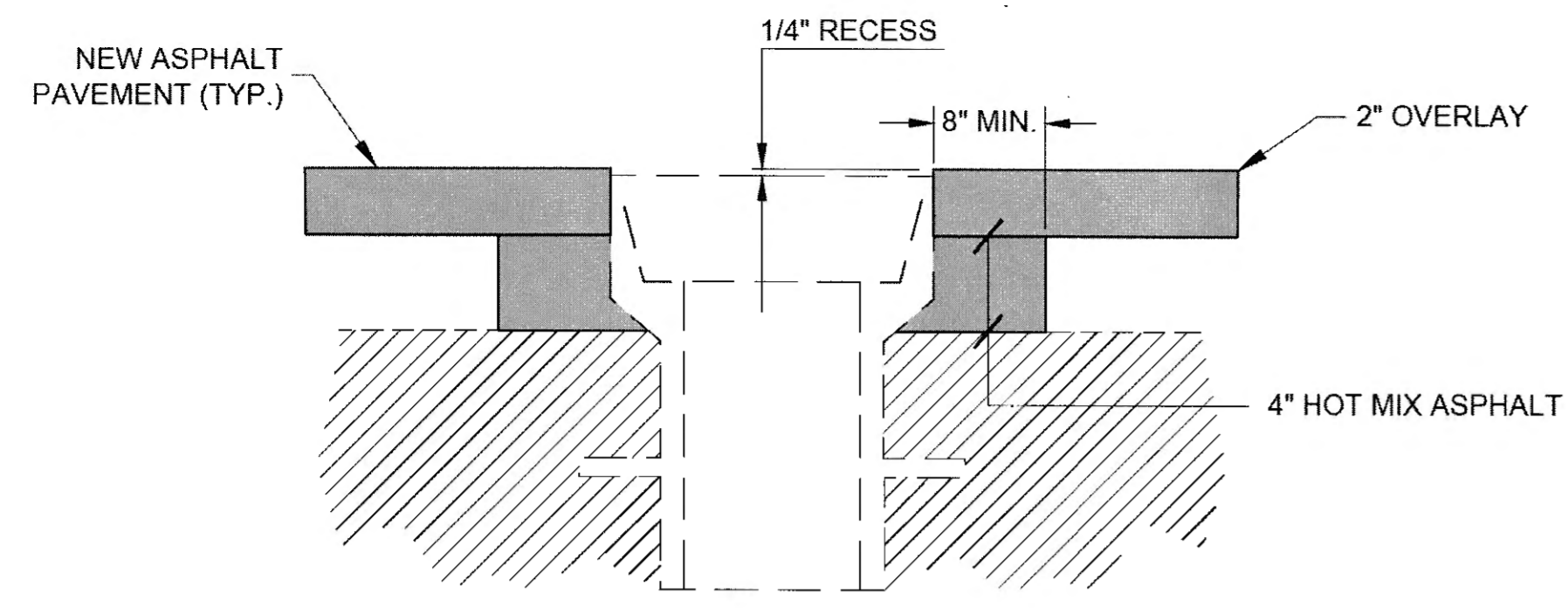


GUARDRAIL BETWEEN BRIDGES DETAIL
NTS

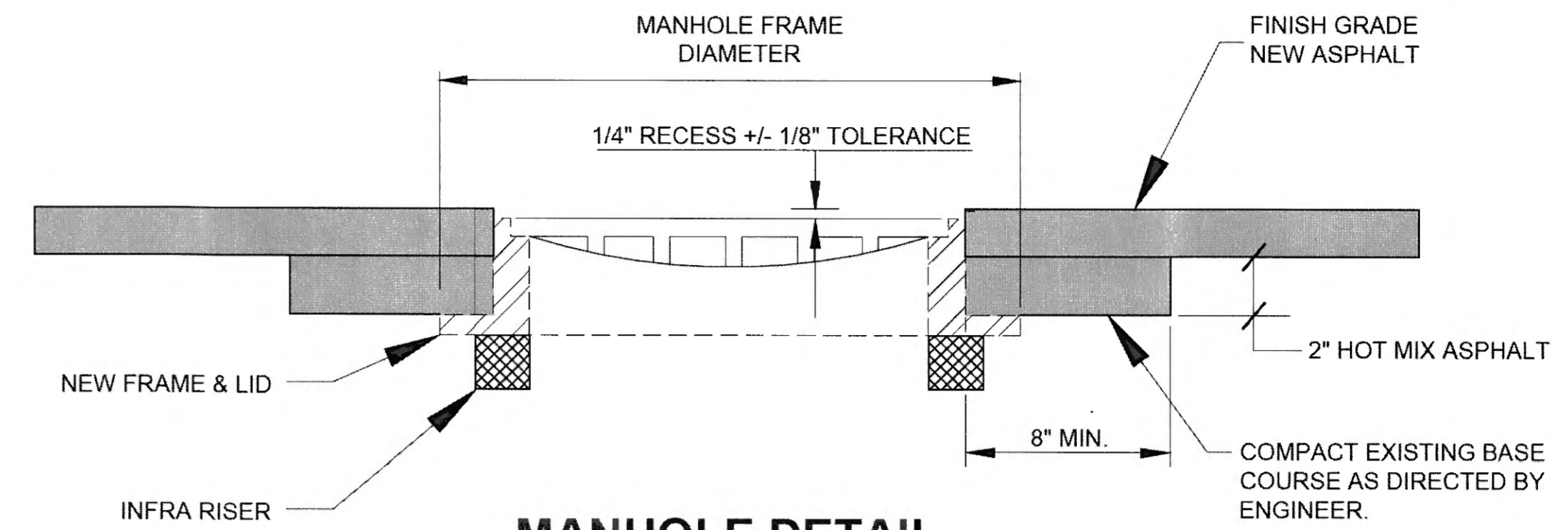
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Tripp* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

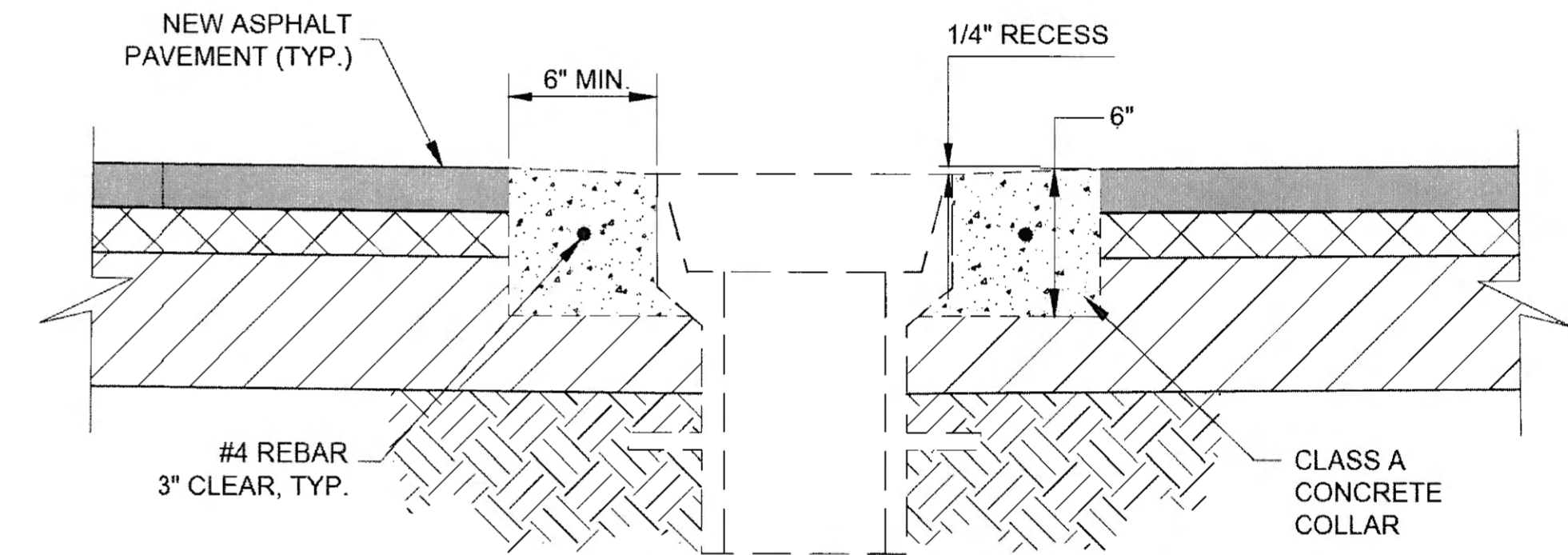
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION																		
	JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS																		
CHECKED BY: C. TRIPP DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	PATH: Q:\JNU\68129\PLANSET\68129_E10-12_MISC DETS.DWG TAB: E10 Tuesday, July 21, 2015 8:26:02 AM KELLY, RYAN (DOT)																		
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REVISIONS			YEAR				SHEET NO.	TOTAL SHEETS											
NO.	DATE	DESCRIPTION																	



VALVE BOX ADJUSTMENT DETAIL
N.T.S.



MANHOLE DETAIL
N.T.S.



MONUMENT CASE ADJUSTMENT DETAIL
N.T.S.

**MANHOLE ADJUSTMENT CONSTRUCTION SEQUENCING NOTES
(COLD PLANE SECTION):**

1. SAW CUT AND REMOVE FULL DEPTH OF EXISTING ASPHALT CONCRETE A MINIMUM OF 8" AROUND EXISTING MANHOLE FRAMES.
2. REMOVE EXISTING MANHOLE FRAMES AND LIDS.
3. INSTALL STEEL PLATE OVER MANHOLE OPENING AS A TEMPORARY MEASURE AND PAVE OVER THE TOP WITH TEMPORARY PAVEMENT FLUSH WITH EXISTING PAVEMENT SURFACE PRIOR TO COLD PLANING.
4. AFTER COLD PLANING, REMOVE TEMPORARY PAVEMENT AND STEEL PLATE AND INSTALL NEW RISERS, FRAME AND LID. ADJUST FRAMES TO FINISHED GRADE.
5. PRIOR TO FINAL PAVING, CONSTRUCT 4" OF HOT MIX ASPHALT (HMA) IN PAVEMENT REMOVAL AREA AROUND FRAME FLUSH WITH THE COLD PLANED SURFACE. CONSTRUCT HMA PER SECTION 401.
6. CONSTRUCT FINAL ASPHALT CONCRETE OVERLAY IN ACCORDANCE WITH SECTION 401.

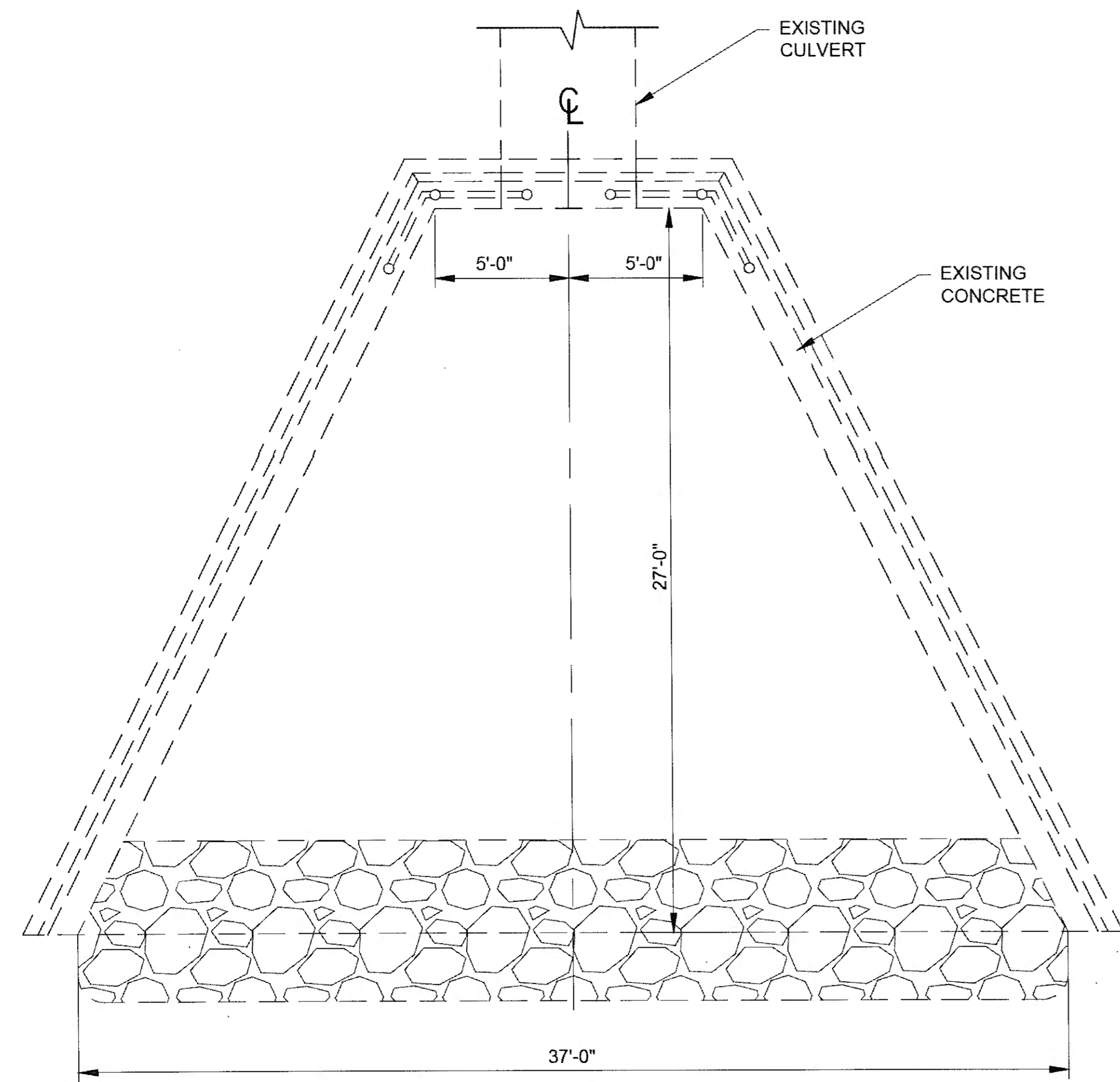
MANHOLE & VALVE ADJUSTMENT NOTES:

1. MANHOLE CASTING SHALL BE ADJUSTED TO CONFORM WITH SLOPE AND GRADE OF PROPOSED PAVEMENT.
2. ADJUSTING RINGS SHALL BE PROPERLY SIZED FOR THE EXISTING CONE OR FLAT TOP OPENING, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. INSTALLATION OF FRAME, COVER, AND ADJUSTMENT RINGS, ONTO THE EXISTING STRUCTURE SHALL BE WATER-TIGHT.
4. ADJUSTMENT RINGS SHALL BE INFRA RISER RINGS OR APPROVED EQUAL. APPLY WATERPROOF MASTIC AND MEMBRANE AROUND RINGS.

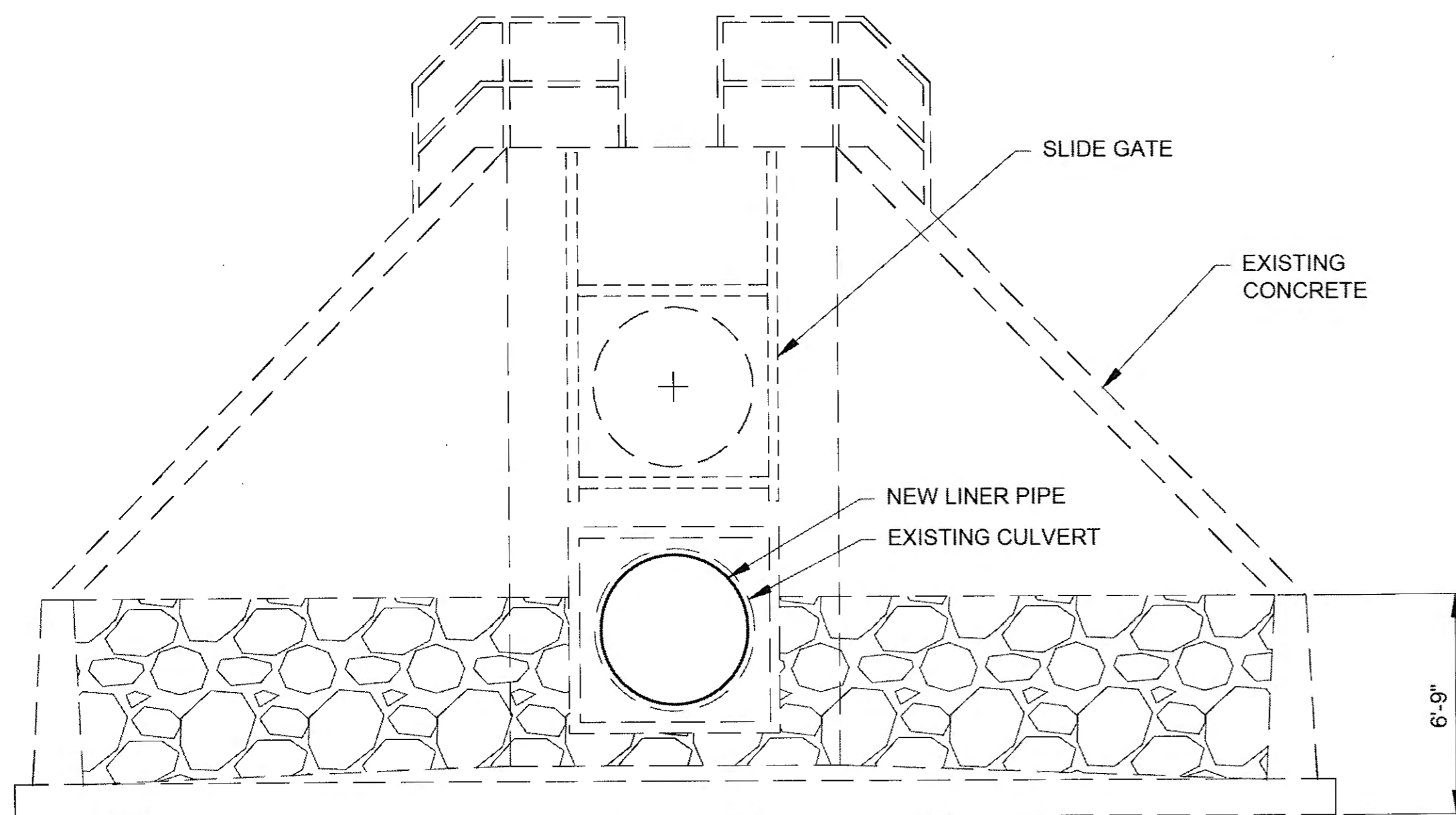
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION												
	JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS												
CHECKED BY: C. TRIPP DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	PATH: Q:\JUNU68129\PLANSET\68129_E10-12_MISC DETS.DWG TAB: E11 Tuesday, July 21, 2015 8:26:08 AM KELLY, RYAN (DOT)												
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REVISIONS													
NO.	DATE	DESCRIPTION											

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Charles M. Tripp* Date: 7/20/15



PLAN



ELEVATION

TWIN LAKES WING WALL DETAIL

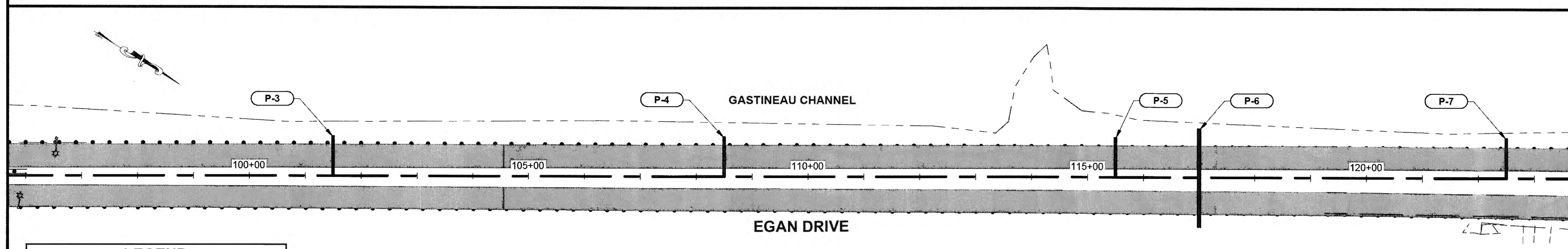
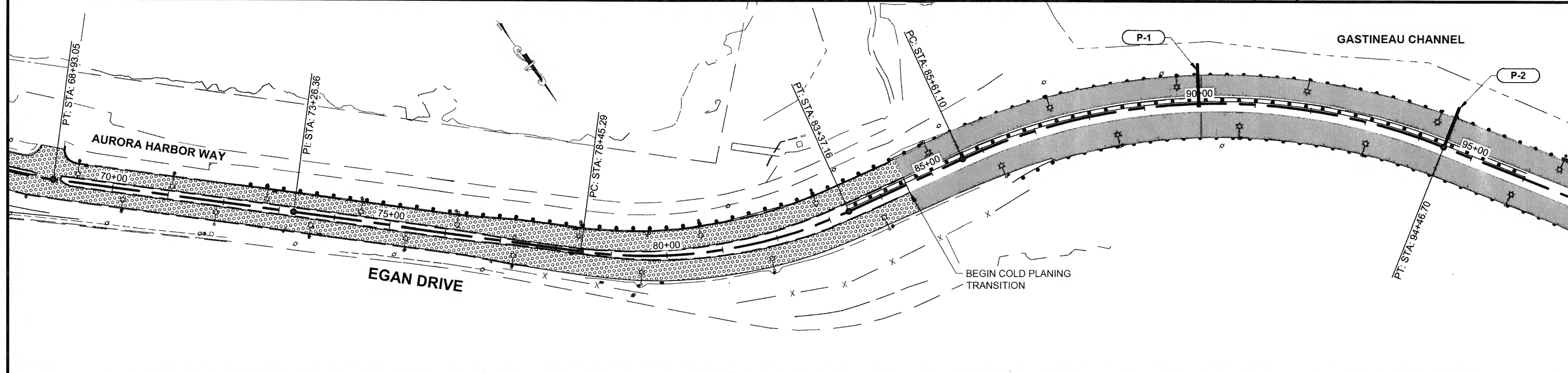
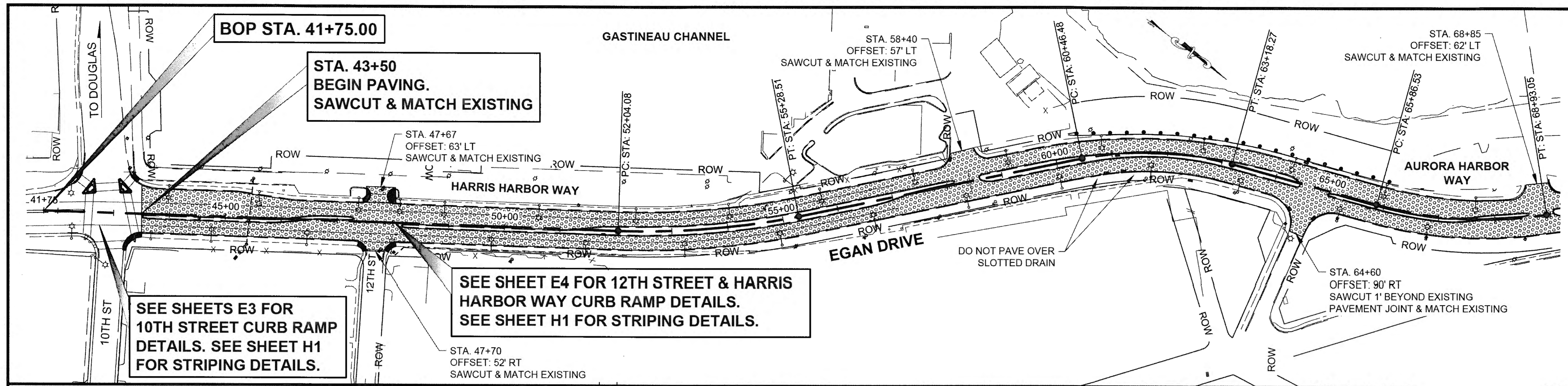
AT P-14 AND P-20

N.T.S.
STA. 210+35 RT AND STA. 244+10 RT

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Miller* Date 2/20/20

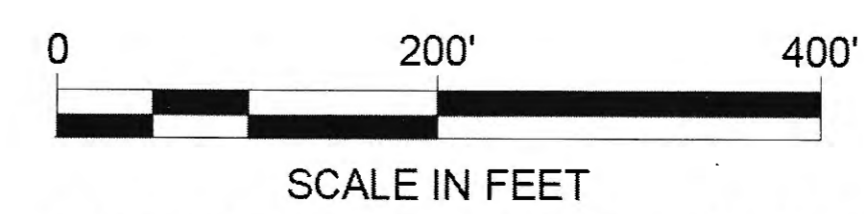
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION						
	JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 MISCELLANEOUS DETAILS						
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	PATH: Q:\UNU68129\PLANSET\68129_E10-12_MISC DETS.DWG TAB: E12 Tuesday, July 21, 2015 8:26:13 AM KELLY, RYAN (DOT)			PROJECT DESIGNATION NH-0932(049)-68129	YEAR 2015	SHEET NO. E12	TOTAL SHEETS E12



LEGEND	
	FISH STREAM
	1/2" COLD PLANE
	2" COLD PLANE
	PAVEMENT REMOVAL

PLAN



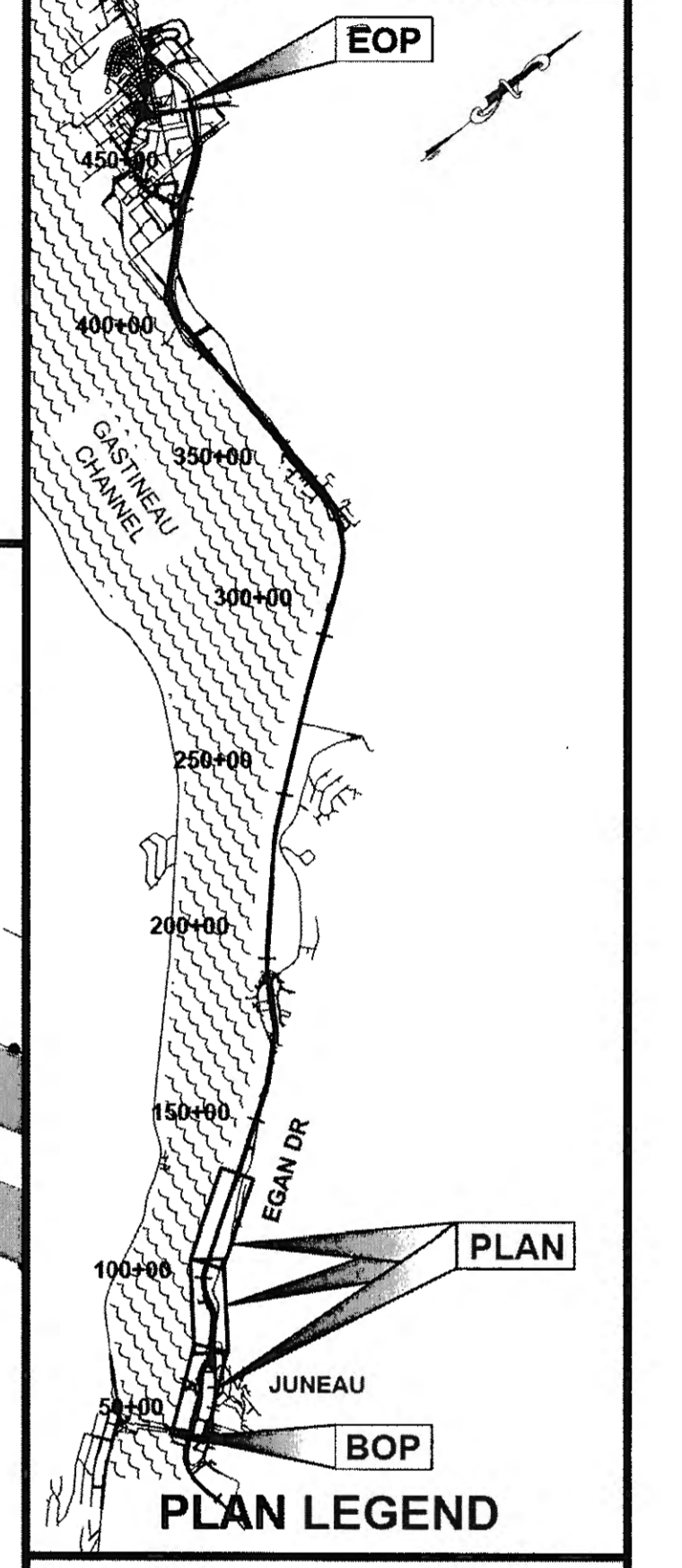
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 PE *Steve Smith* Date 2/20/20

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GRANTHAM, RICK L (DOT)
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RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP

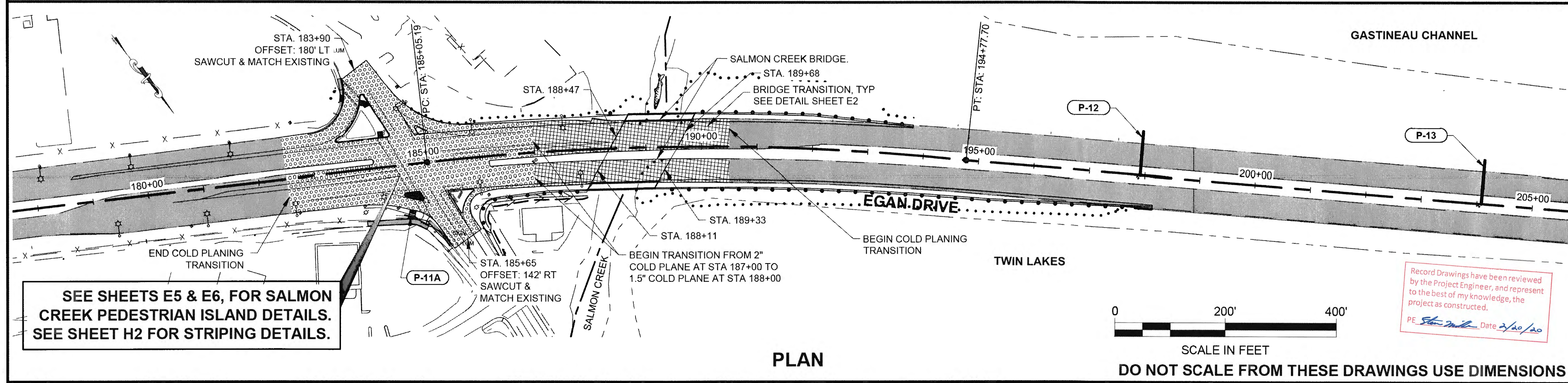
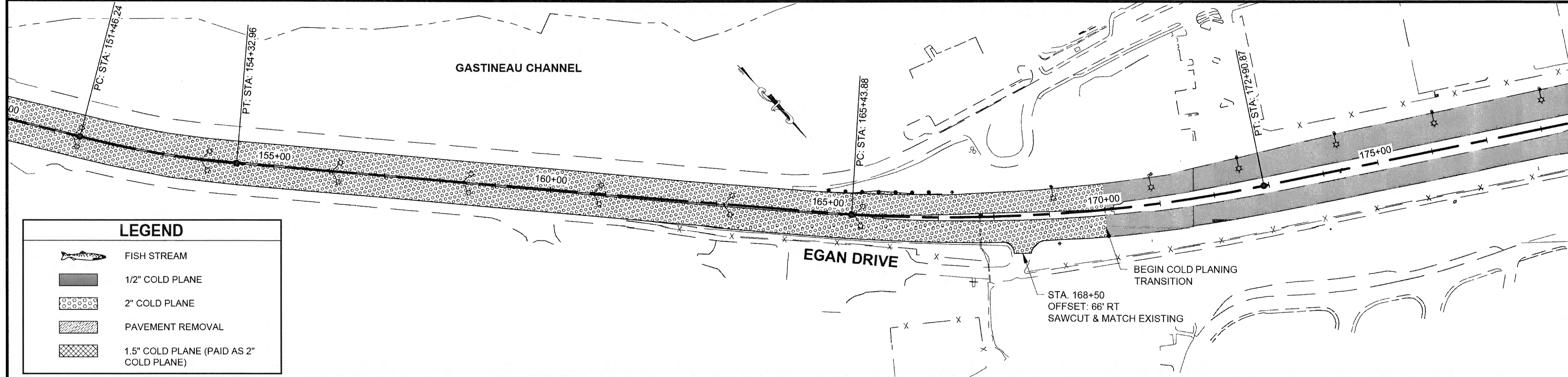
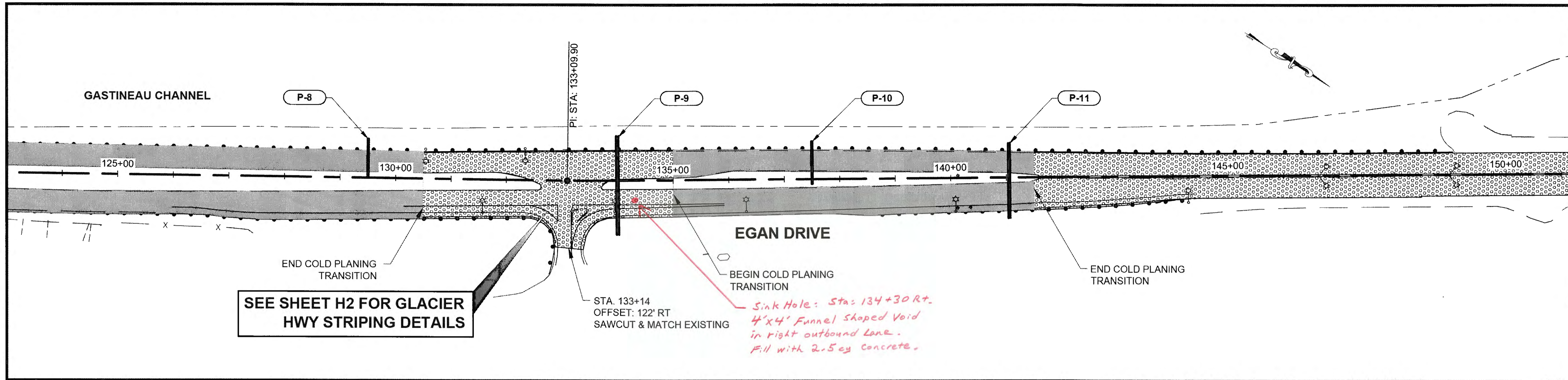
DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOAST REGION

JNU-EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

PLAN VIEW

PROJECT DESIGNATION	
NH-0932(049)-68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F1	84



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GRANTHAM, RICK L (DOT)

TAB: F2 Wednesday, November 18, 2015 1:54:45 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP

PLAN

BOP

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF

DRAWN BY: RG, NG, TF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

PLAN VIEW

PROJECT DESIGNATION

NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
F2	84

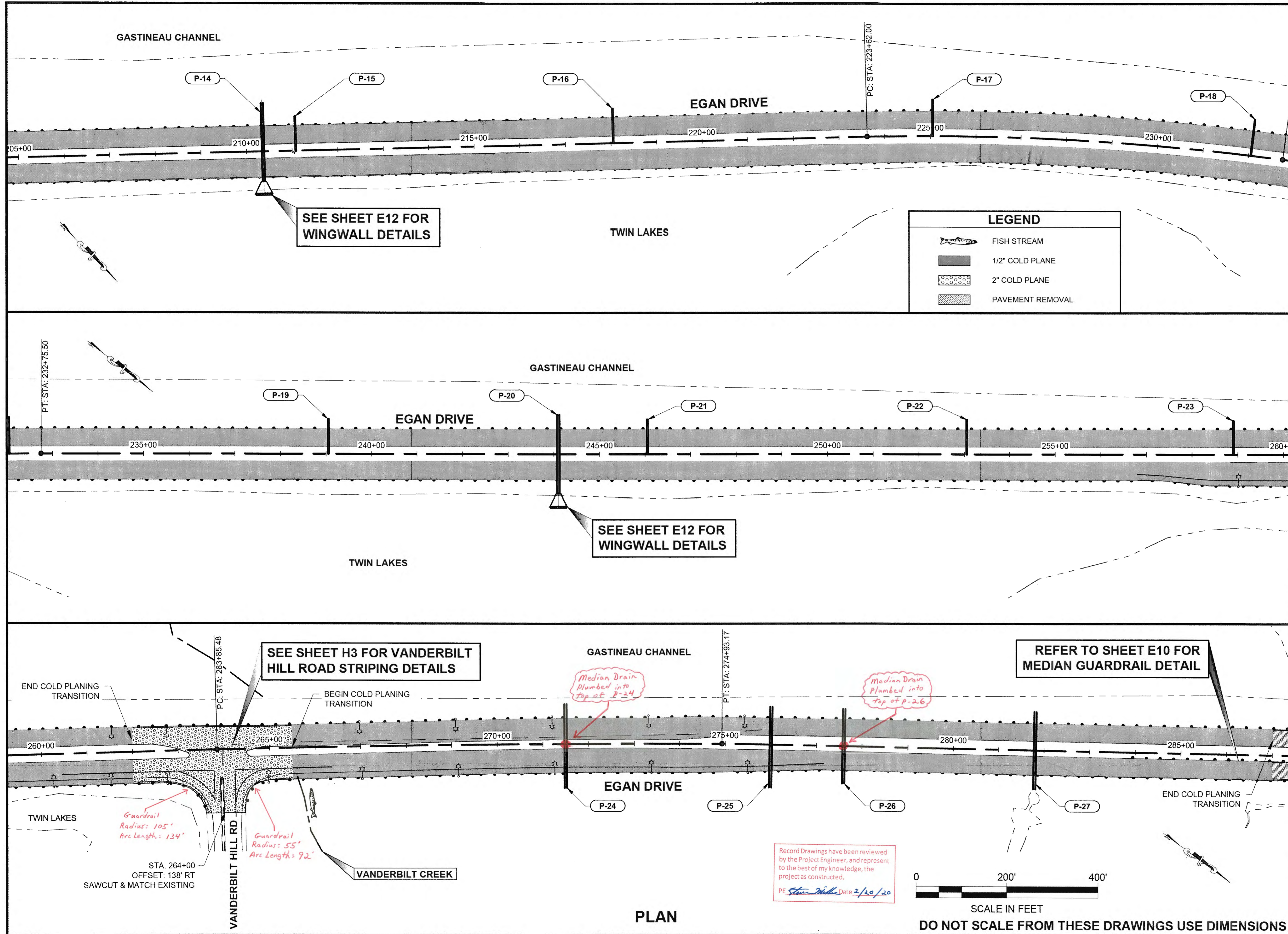
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: Steve Miller Date: 2/20/20

0 200' 400'

SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN



PATH: Q:\JNU\68129\PLANSET\68129_F1-F6_PLANS.DWG

GRANTHAM, RICK L (DOT)

TAB: F3 Wednesday, November 18, 2015 2:05 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF

DRAWN BY: RG, NG, TF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHWEST REGION

JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

PLAN VIEW

PROJECT DESIGNATION

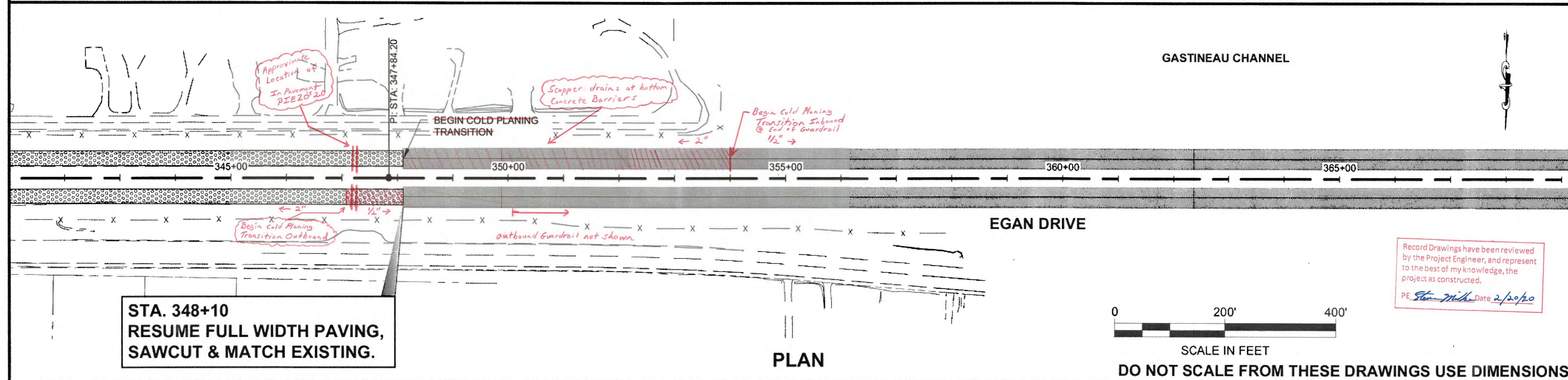
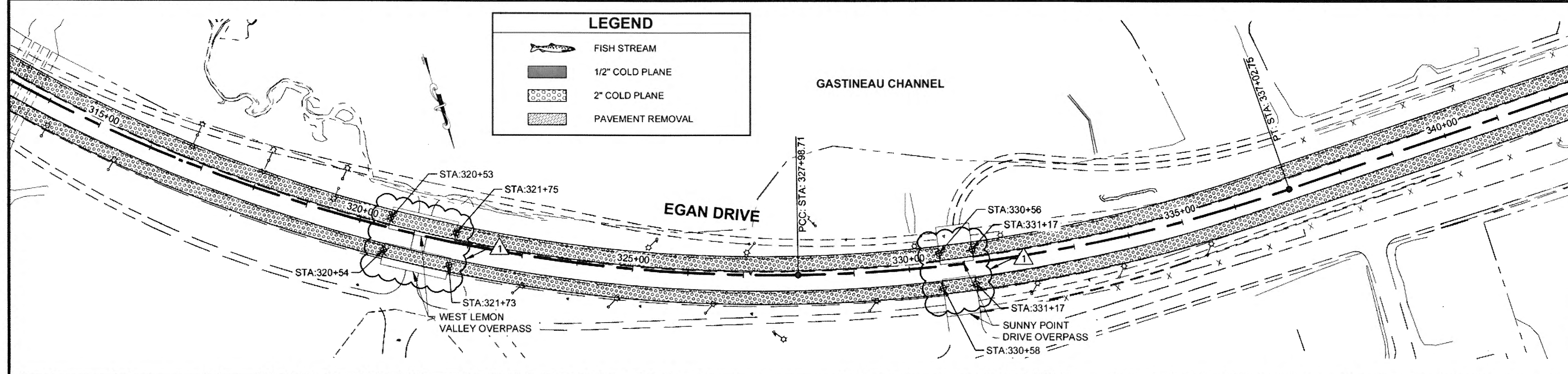
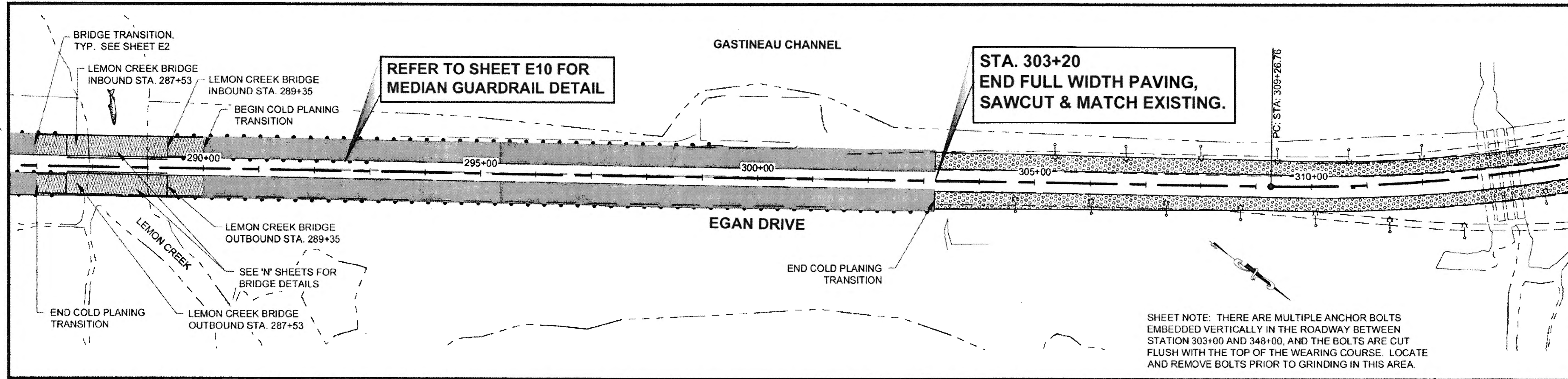
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
F3	84

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Miller* Date: 2/10/20

0 200' 400'
SCALE IN FEET
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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GEARY, NATE (DOT)

TAB: F4 Monday, December 07, 2015 11:39:11 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	12-07-15	MOVED SUNNY BRIDGES FROM 202(2) TO 408(1)

EOP

PLAN

BOP

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF

DRAWN BY: RG, NG, TF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

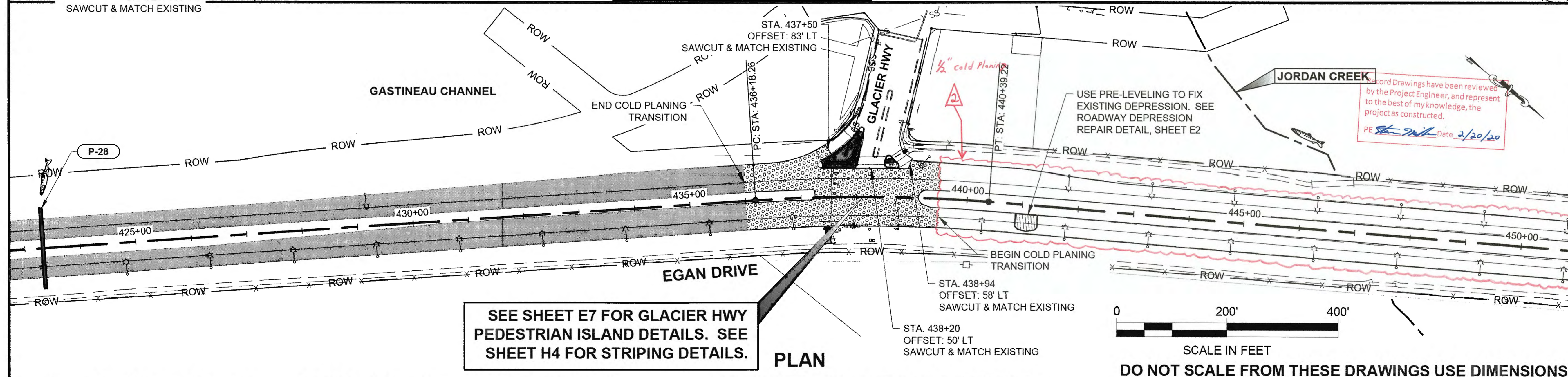
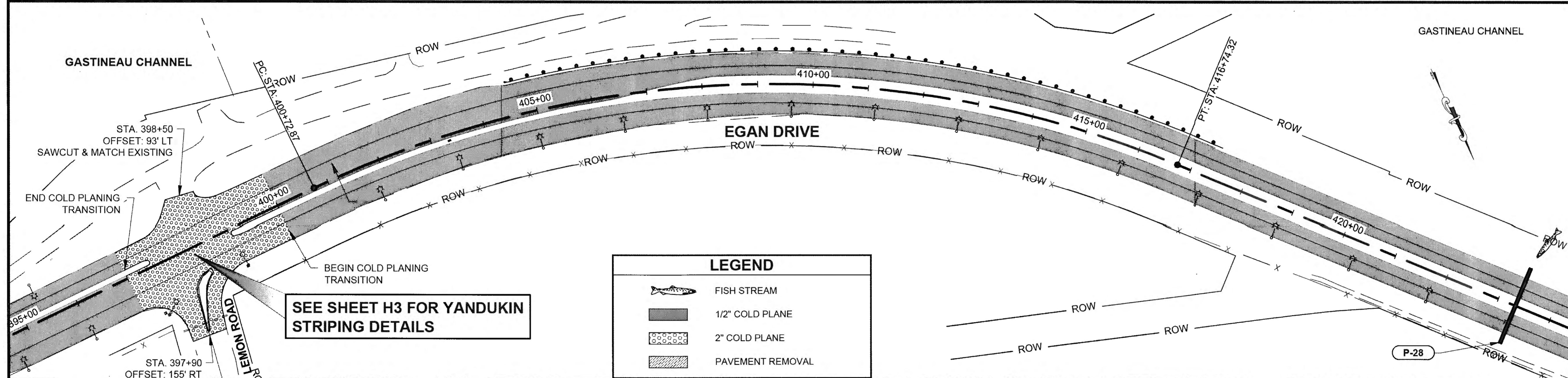
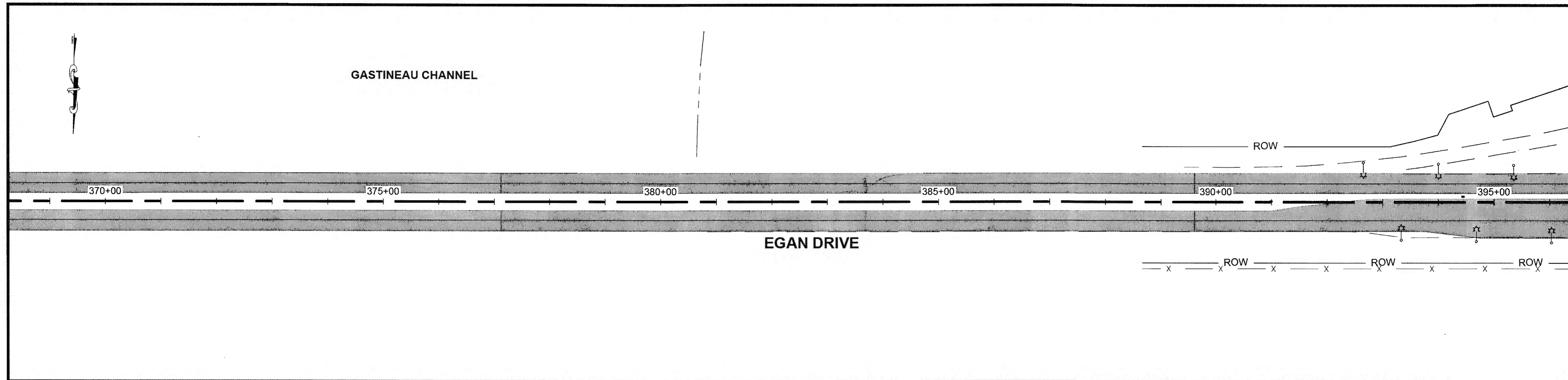
JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

PLAN VIEW

PROJECT DESIGNATION
NH-0932(049)~68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
F4	84



PATH:
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GRANTHAM, RICK L (DOT)
TAB: F5 Wednesday, November 18, 2015 2:00:45 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP

PLAN

BOP

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF

DRAWN BY: RG, NG, TF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

PLAN VIEW

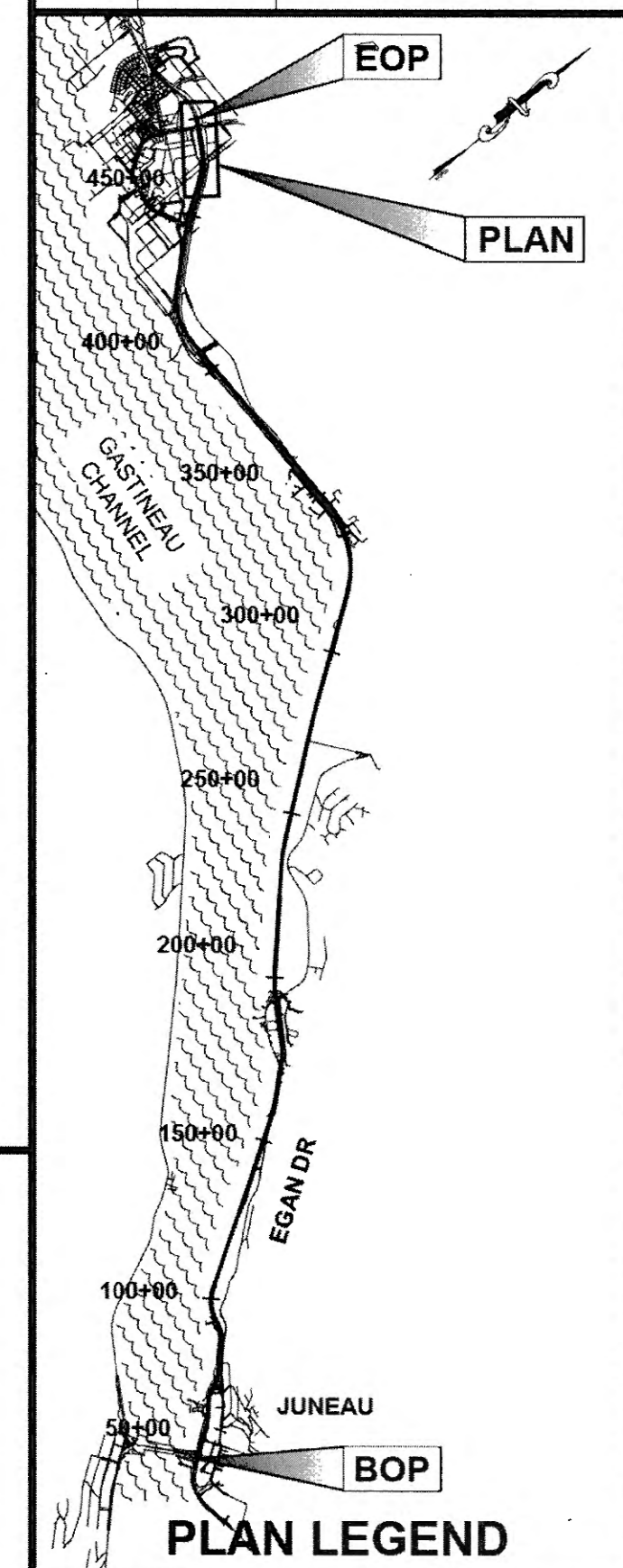
PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
F5	84



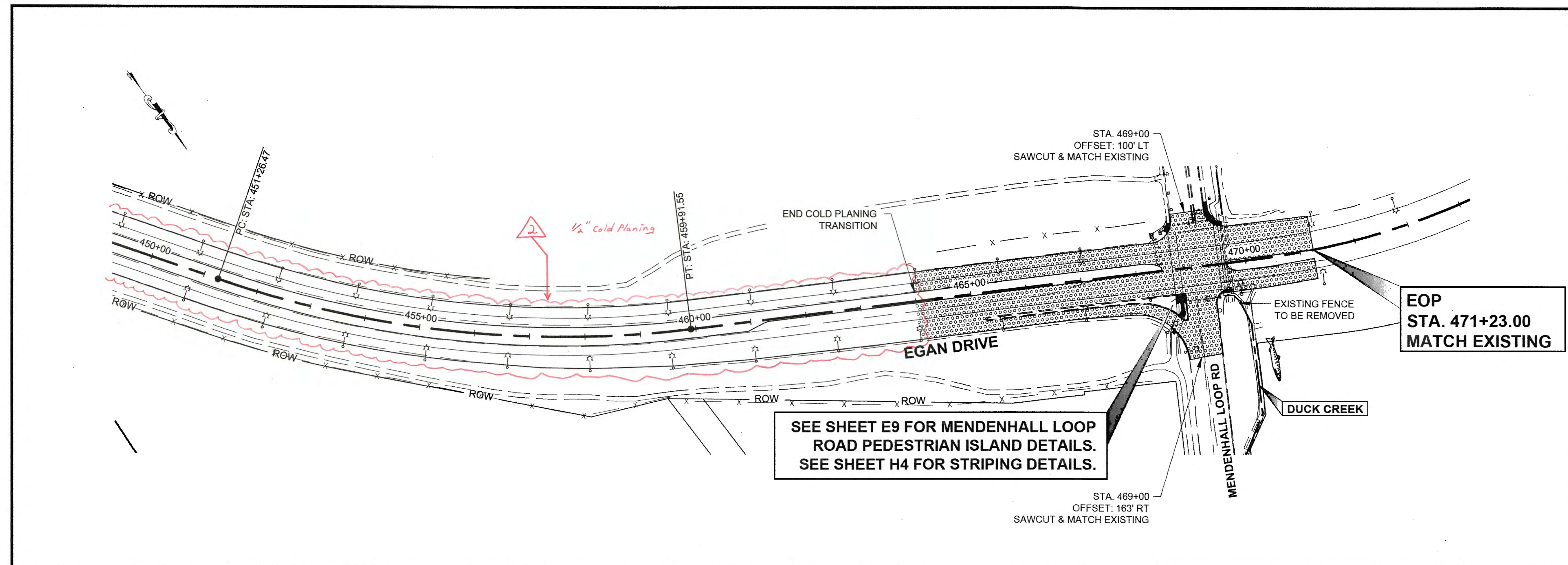
These Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: *Stu* Date: 2/20/20



CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOAST REGION
**JNU-EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129**
PLAN VIEW

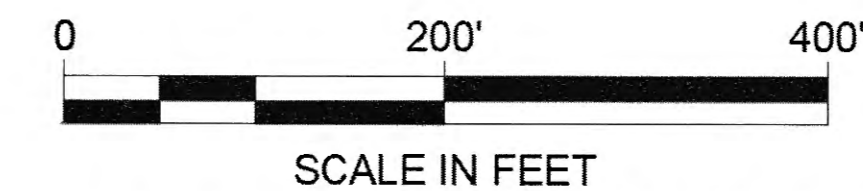
PROJECT DESIGNATION	
NH-0932(049)~68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F6	84



**SEE SHEET E9 FOR MENDENHALL LOOP
 ROAD PEDESTRIAN ISLAND DETAILS.
 SEE SHEET H4 FOR STRIPING DETAILS.**

**EOP
 STA. 471+23.00
 MATCH EXISTING**

LEGEND	
	FISH STREAM
	1/2" COLD PLANE
	2" COLD PLANE
	PAVEMENT REMOVAL

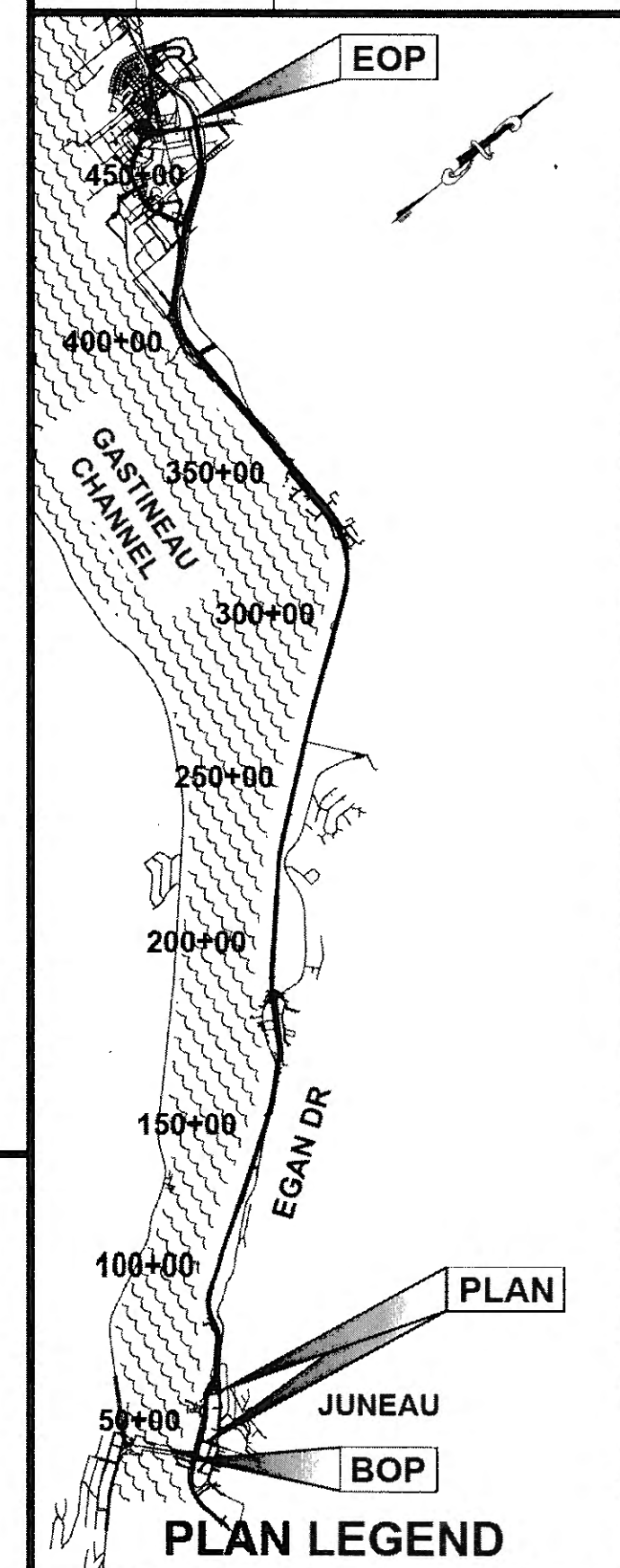


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 project as constructed.
 PE *Steve Smith* Date 2/20/20

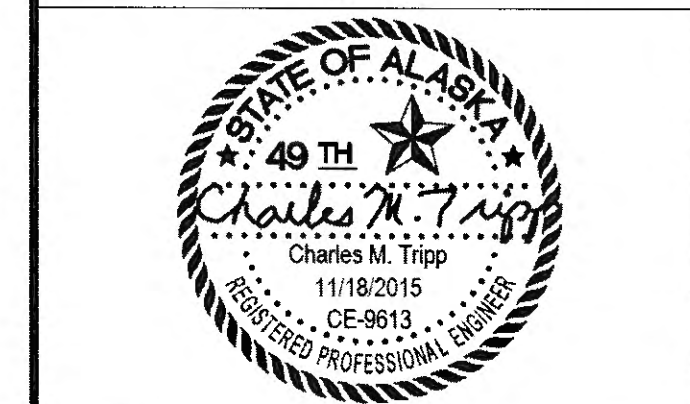
PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP



DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOST REGION

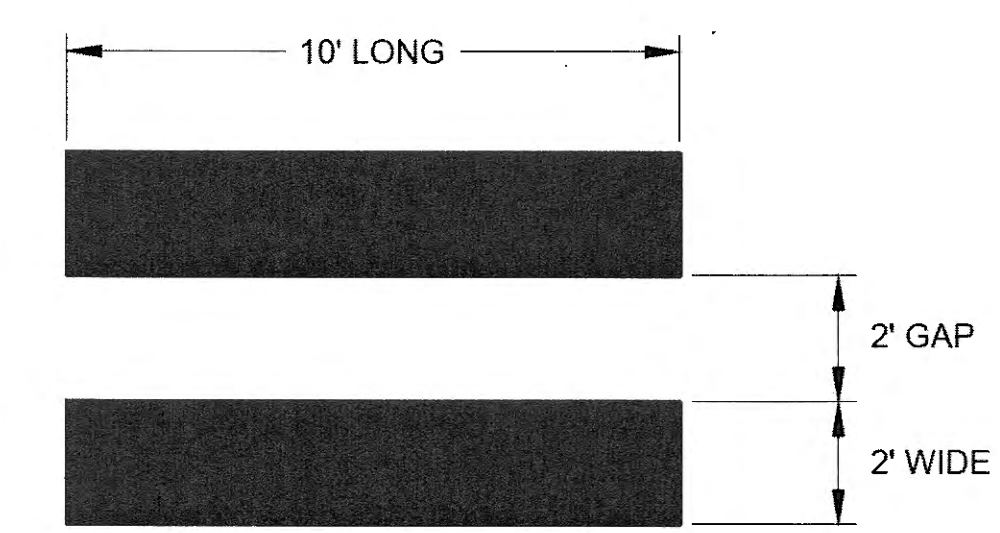
JNU-EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

**INTERSECTION
 STRIPING PLAN**

PROJECT DESIGNATION
NH-0932(049)~68129

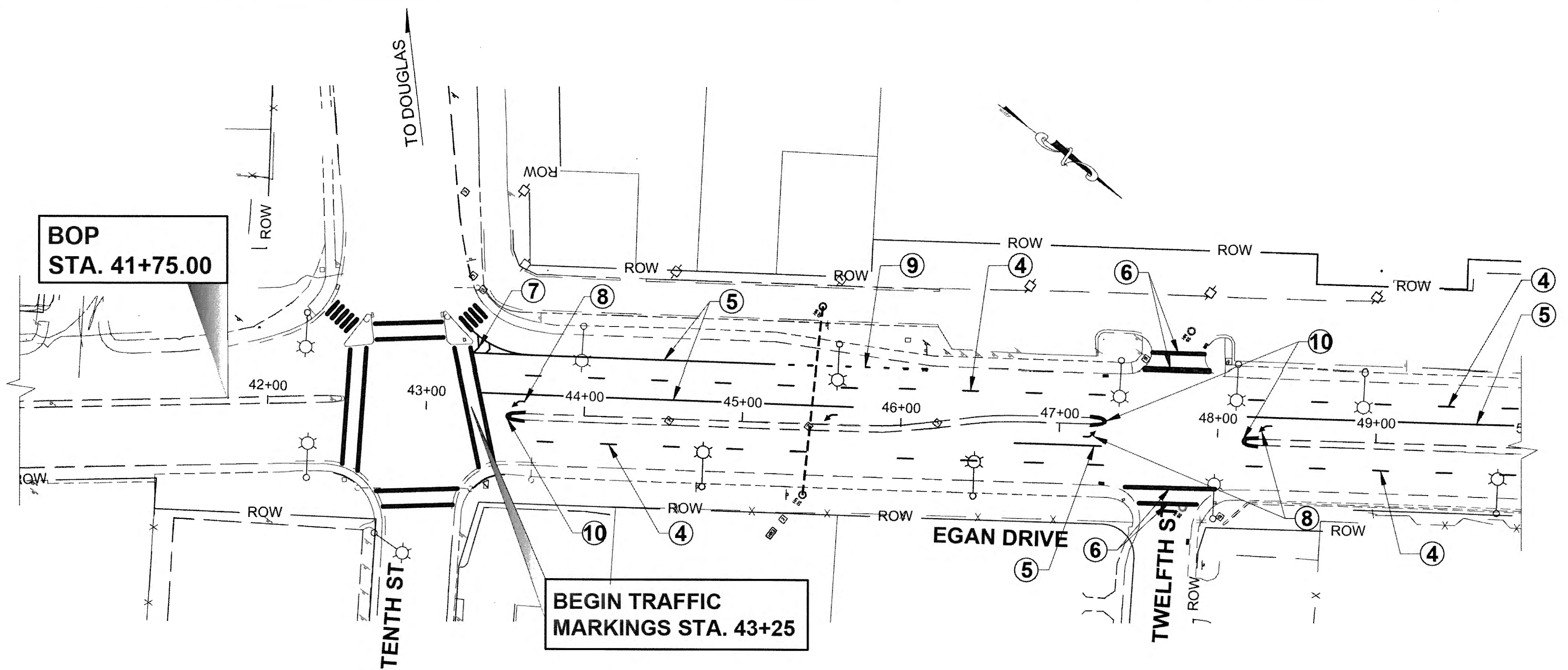
STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
H1	84

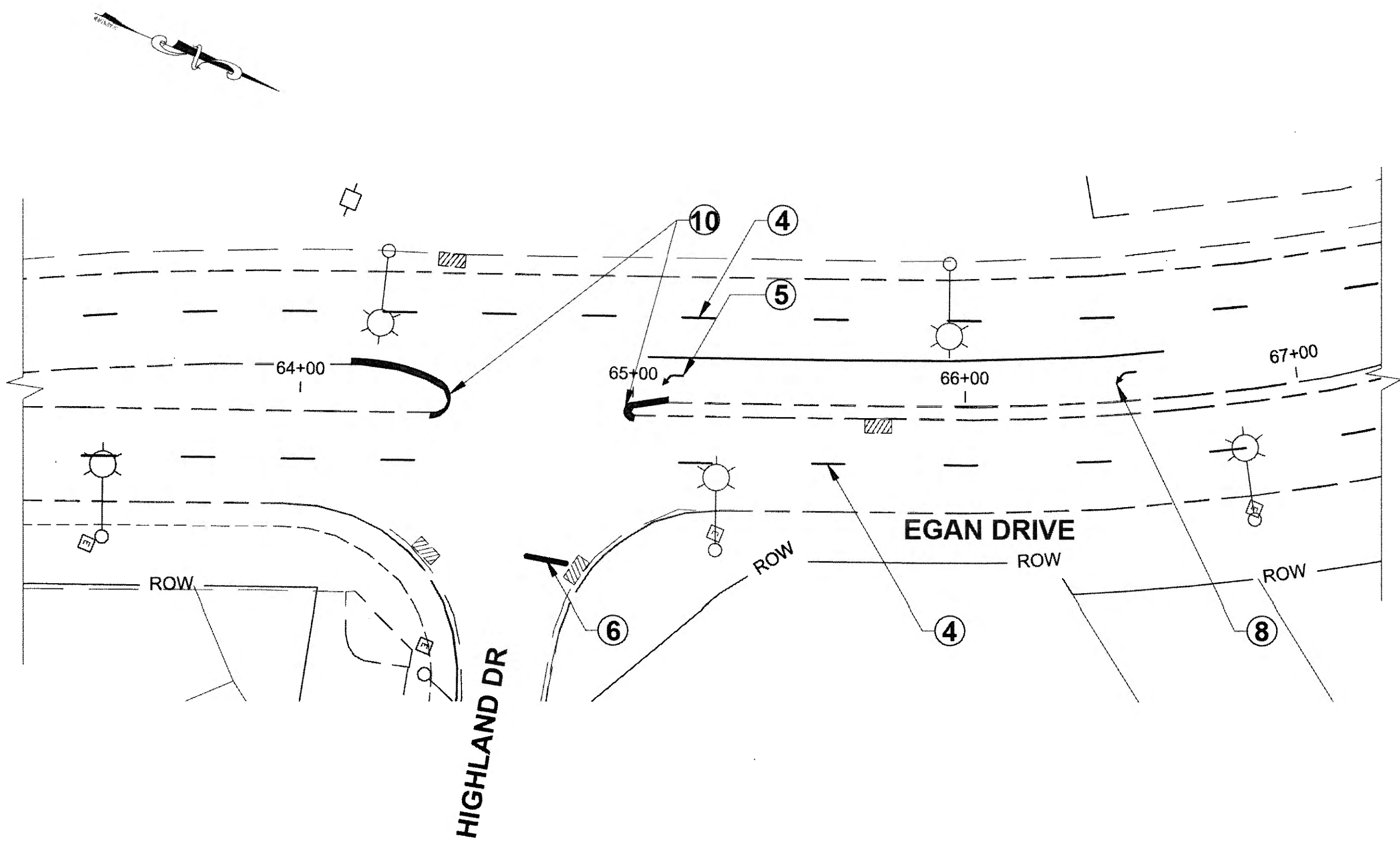
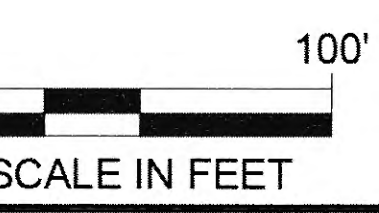


LONGITUDINAL CROSSWALK DETAIL

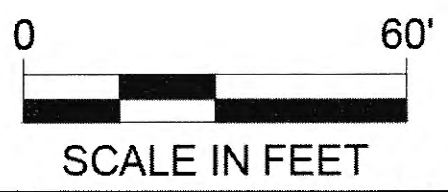
N.T.S.
 GAP MAY BE ADJUSTED TO 3' MAX SO MARKING IS
 OUTSIDE OF THE WHEEL PATH



EGAN DRIVE INTERSECTION AT TENTH AND TWELFTH STREET



EGAN DRIVE INTERSECTION AT HIGHLAND DRIVE



STRIPING LEGEND STA. (43+50 - 126+00)

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
①	SOLID YELLOW	4"	—————	16,500
②	SOLID DOUBLE YELLOW	4"	=====	--
③	SOLID WHITE	4"	—————	16,500
④	DASHED WHITE	4"	- 10' - 30' - 10' -	16,500
⑤	SOLID WHITE	8"	—————	1,090
⑥	* SOLID WHITE	24"	—————	208
⑦	SOLID WHITE 45° DIAGONAL, (TYP)	18"	—————	20
⑧	** TURN ARROW	-	—————	10
⑨	DOTTED WHITE	4"	- 3' - 9' - 3' -	100
⑩	YELLOW CURB	-	⤿	100

* FOR CROSSWALK STRIPING, SEE LONGITUDINAL CROSSWALK DETAIL, H-1

** SEE STANDARD DETAIL, T-21.03

TURN ARROWS AND CURBS PAID UNDER 670(1), AND ALL OTHER STRIPING PAID UNDER 670(13).

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Miller* Date 2/20/20

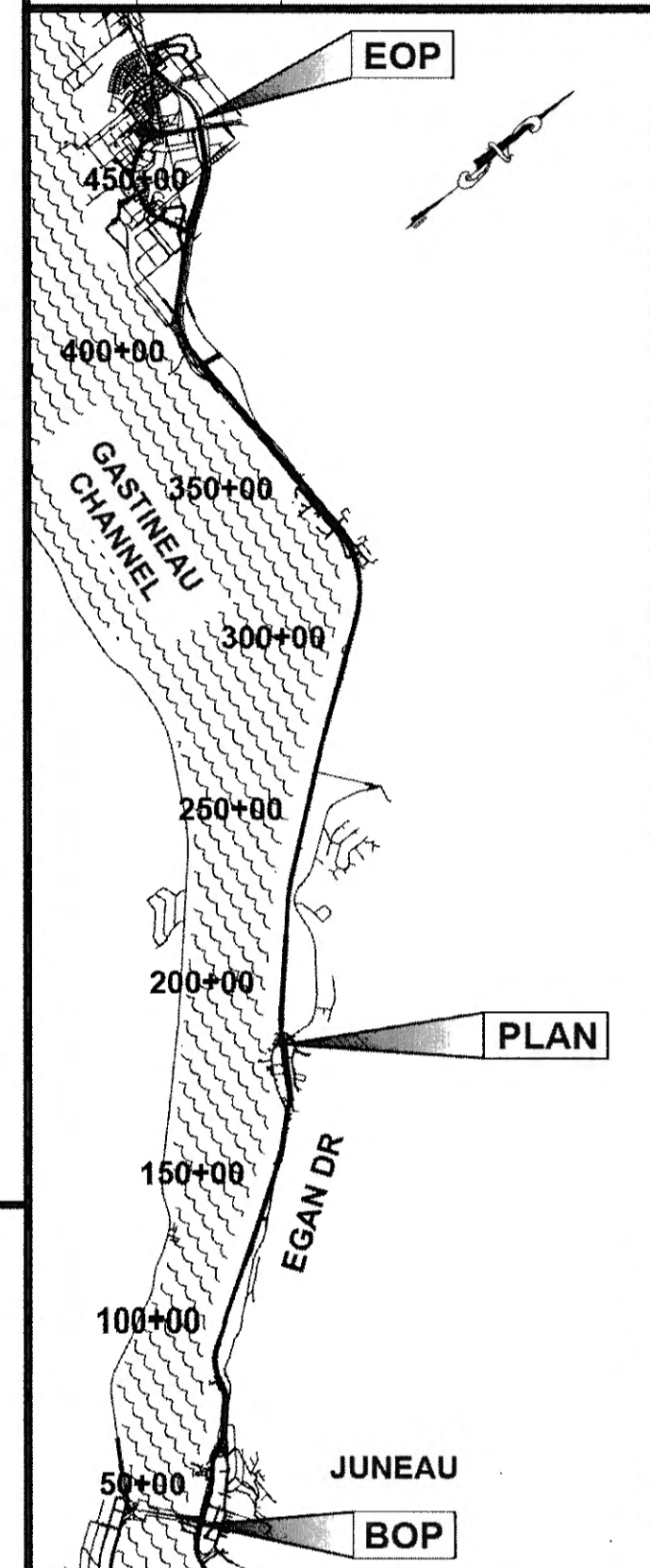
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP



DESIGNED BY: CT, CI, NG, TF

DRAWN BY: RG, NG, TF

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOST REGION

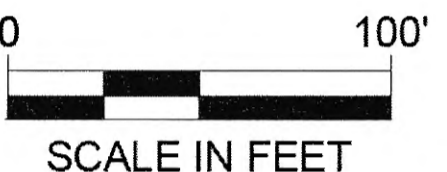
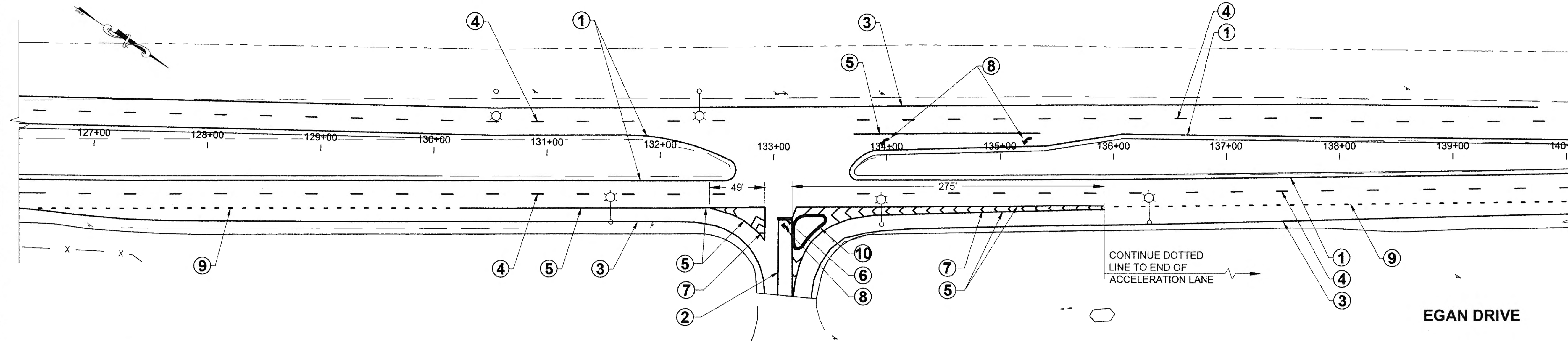
JNU-EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

**INTERSECTION
 STRIPING PLAN**

PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

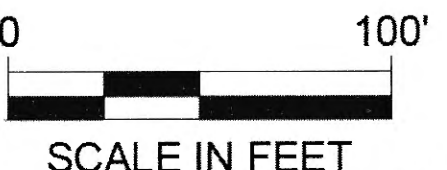
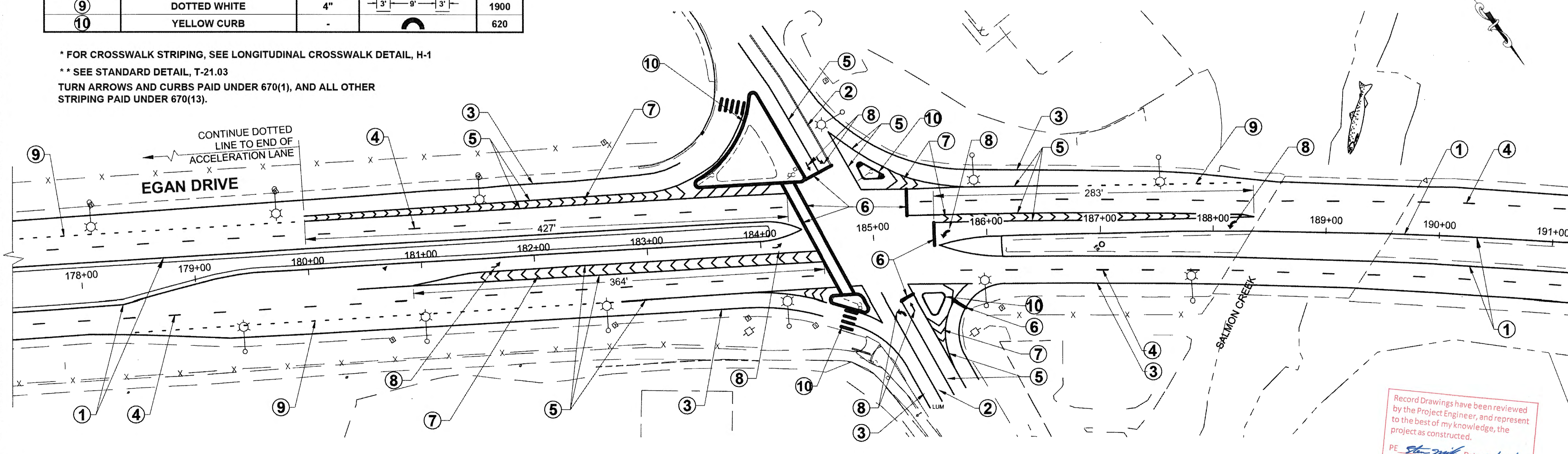
SHEET NUMBER	TOTAL SHEETS
H2	84



STRIPING LEGEND STA. (126+00 - 256+00)

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
①	SOLID YELLOW	4"	—————	26,000
②	SOLID DOUBLE YELLOW	4"	=====	325
③	SOLID WHITE	4"	—————	26,000
④	DASHED WHITE	4"	- 10' —30' —10'	26,000
⑤	SOLID WHITE	8"	=====	3,345
⑥	* SOLID WHITE	24"	=====	333
⑦	SOLID WHITE 45° DIAGONAL, (TYP)	18"	—————	1,284
⑧	** TURN ARROW		—————	14
⑨	DOTTED WHITE	4"	- 3' —9' —3'	1,900
⑩	YELLOW CURB	-	—————	620

EGAN DRIVE INTERSECTION AT GLACIER HIGHWAY

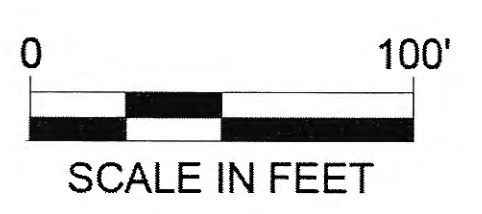
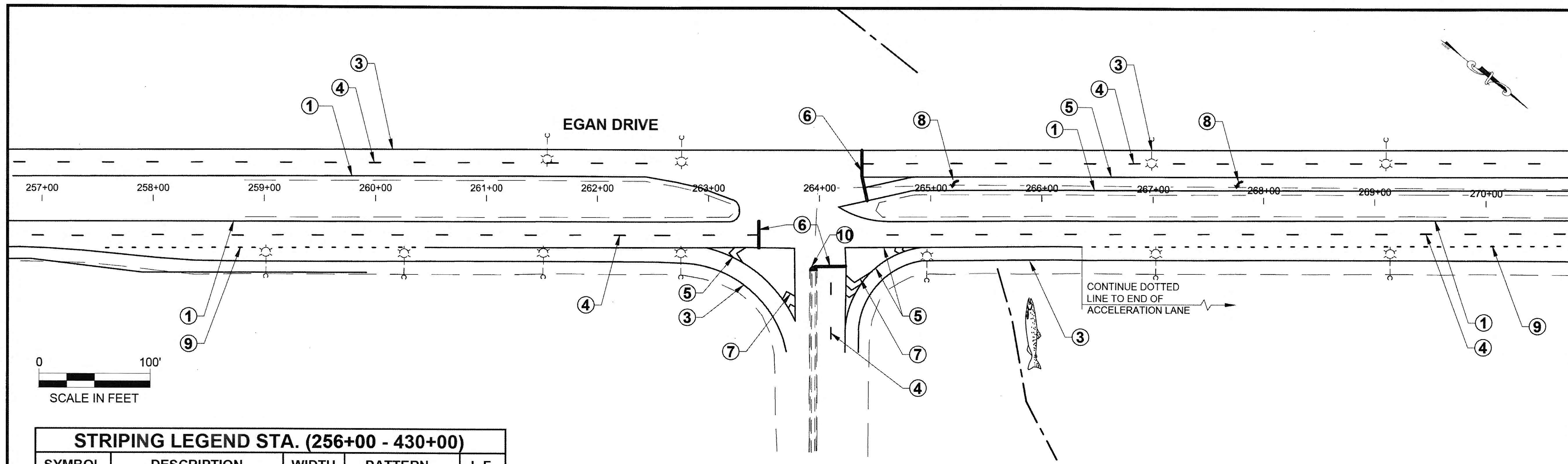


EGAN DRIVE INTERSECTION AT SALMON CREEK

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed
 by the Project Engineer, and represent
 to the best of my knowledge, the
 project as constructed.
 PE *Stu Mink* Date 2/20/20

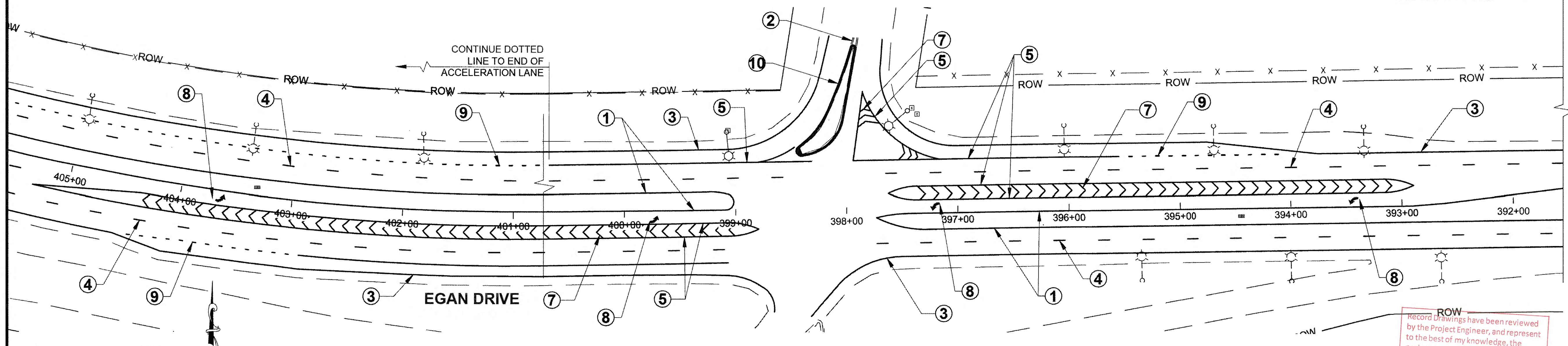
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



STRIPING LEGEND STA. (256+00 - 430+00)				
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
①	SOLID YELLOW	4"	=====	38,468
②	SOLID DOUBLE YELLOW	4"	=====	--
③	SOLID WHITE	4"	-----	39,089
④	DASHED WHITE	4"	- 10' - 30' - 10' -	35,704
⑤	SOLID WHITE	8"	=====	9,166
⑥	* SOLID WHITE	24"	=====	382
⑦	SOLID WHITE 45° DIAGONAL, (TYP)	18"	=====	3,031
⑧	** TURN ARROW	-	-----	21
⑨	DOTTED WHITE	4"	- 3' - 9' - 3' -	2,105
⑩	YELLOW CURB	-	◌	243

* FOR CROSSWALK STRIPING, SEE LONGITUDINAL CROSSWALK DETAIL, H-1
 ** SEE STANDARD DETAIL, T-21.03
 TURN ARROWS AND CURBS PAID UNDER 670(1), AND ALL OTHER STRIPING PAID UNDER 670(13).

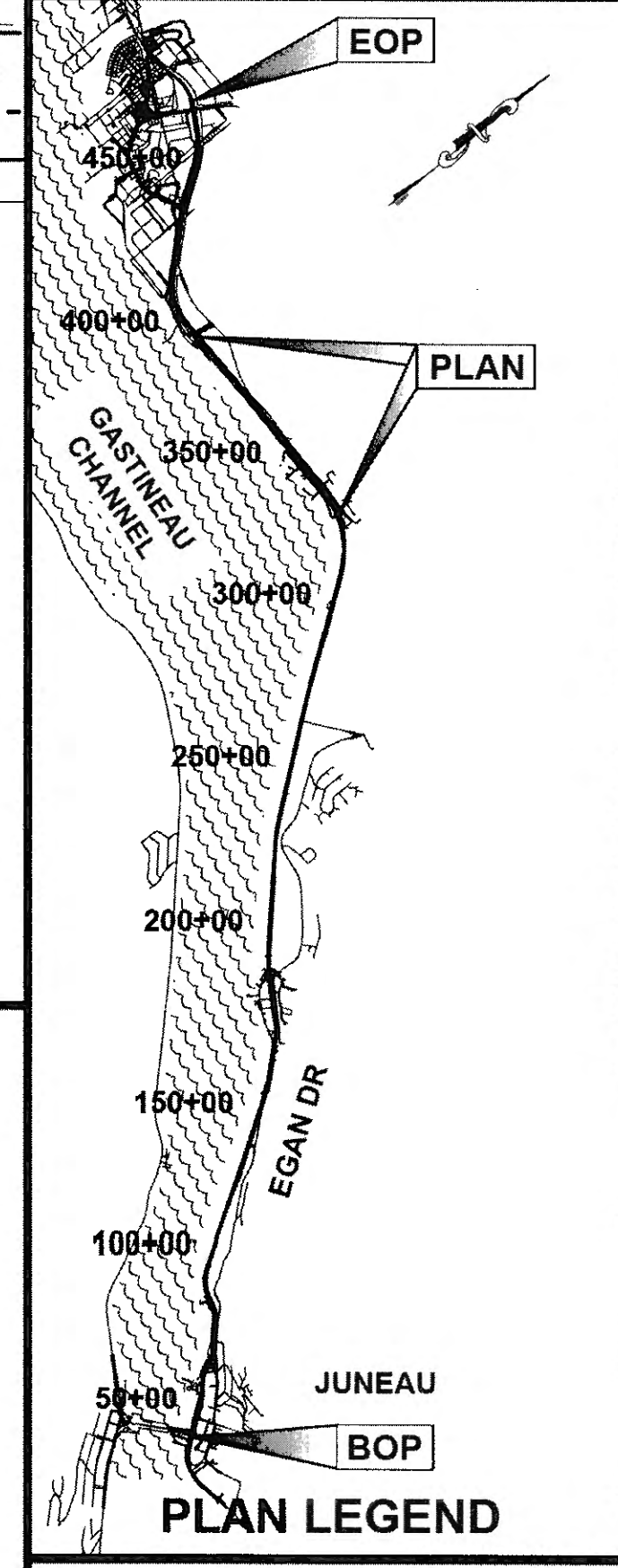
EGAN DRIVE INTERSECTION AT VANDERBILT HILL ROAD



EGAN DRIVE INTERSECTION AT YANDUKIN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *[Signature]* Date: 2/20/20



CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

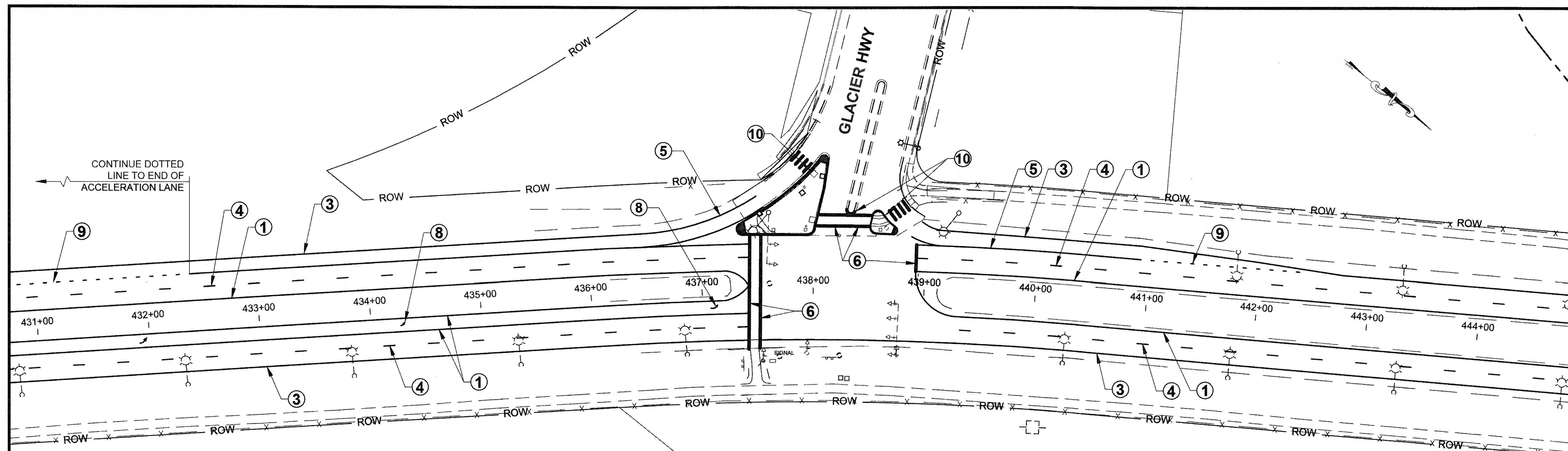
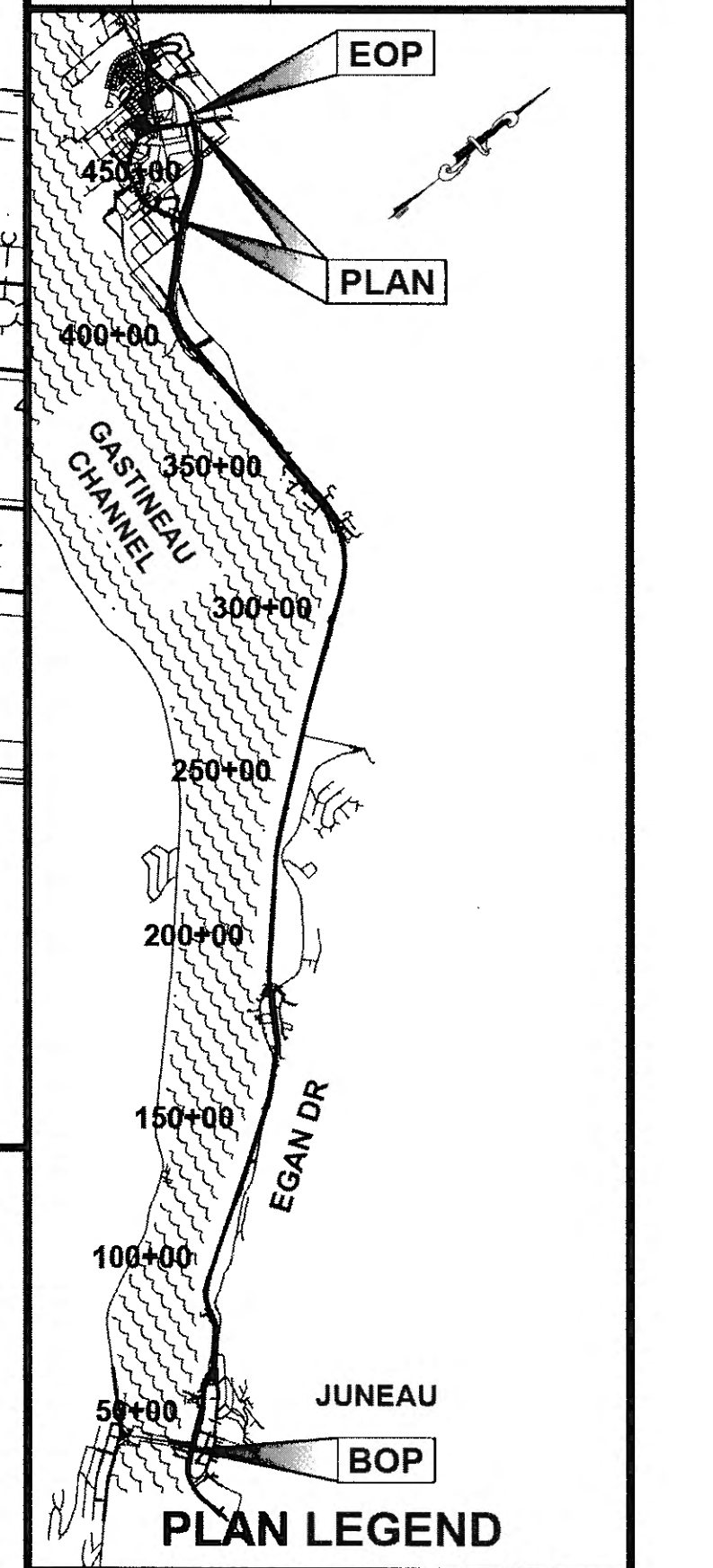
JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

INTERSECTION STRIPING PLAN

PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
H3	84

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

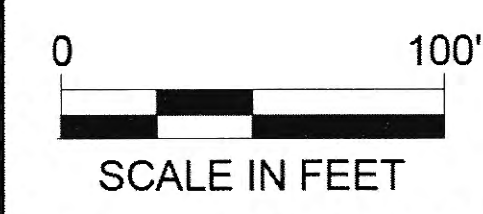
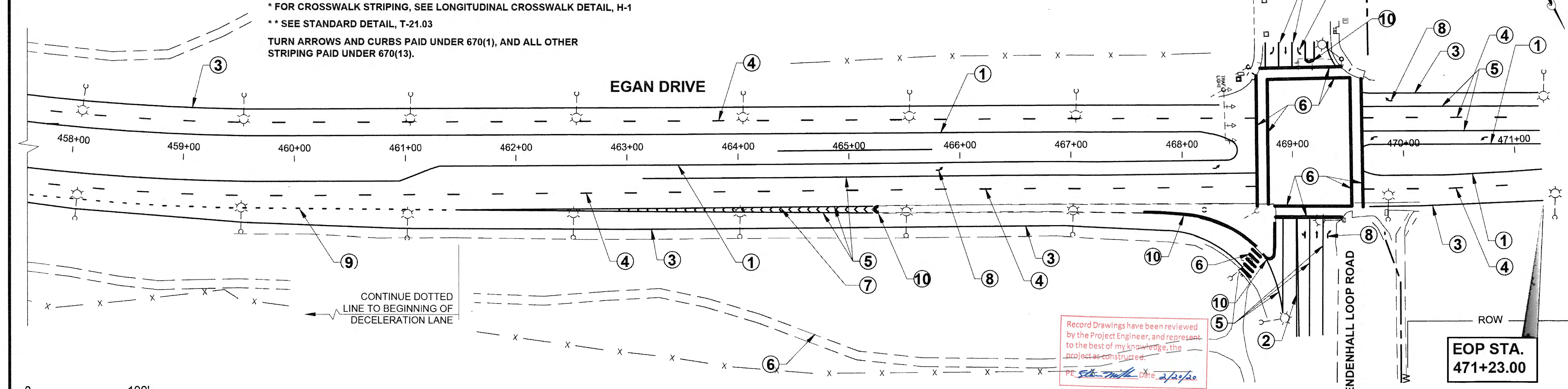


EGAN DRIVE INTERSECTION AT McNUGGET

STRIPING LEGEND STA. (430+00 - 471+23)				
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
①	SOLID YELLOW	4"	—————	8,246
②	SOLID DOUBLE YELLOW	4"	=====	110
③	SOLID WHITE	4"	—————	8,246
④	DASHED WHITE	4"	- 10' - 30' - 10'	8,246
⑤	SOLID WHITE	8"	=====	3,142
⑥	* SOLID WHITE	24"	=====	824
⑦	SOLID WHITE 45° DIAGONAL, (TYP)	18"	=====	215
⑧	** TURN ARROW			26
⑨	DOTTED WHITE	4"	- 3' - 9' - 3'	736
⑩	YELLOW CURB	-	⤿	475



* FOR CROSSWALK STRIPING, SEE LONGITUDINAL CROSSWALK DETAIL, H-1
 ** SEE STANDARD DETAIL, T-21.03
 TURN ARROWS AND CURBS PAID UNDER 670(1), AND ALL OTHER STRIPING PAID UNDER 670(13).



EGAN DRIVE INTERSECTION AT MENDENHALL LOOP ROAD

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stk-milk* Date 2/20/20

EOP STA.
471+23.00

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

DESIGNED BY: CT, CI, NG, TF
 DRAWN BY: RG, NG, TF

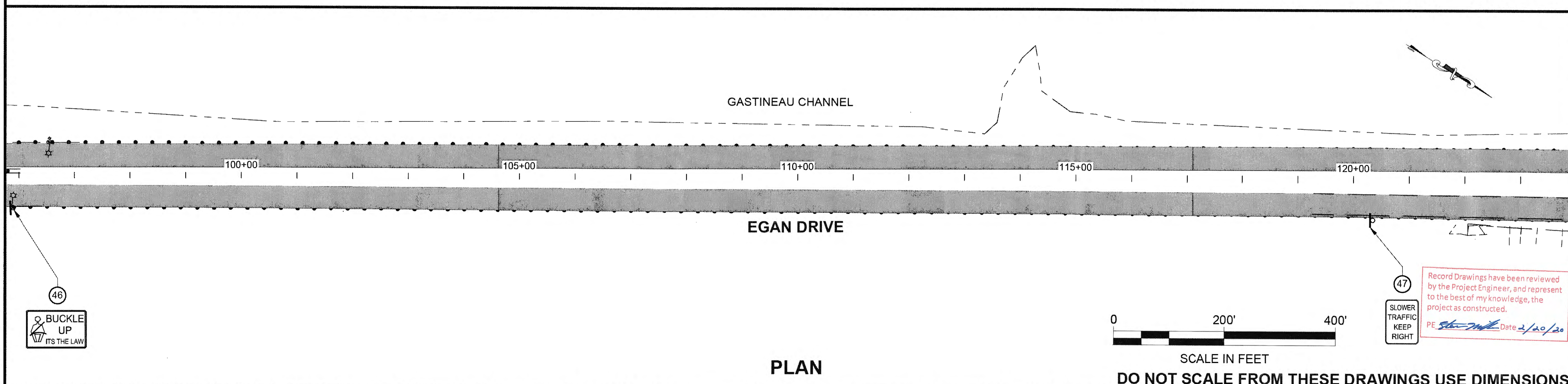
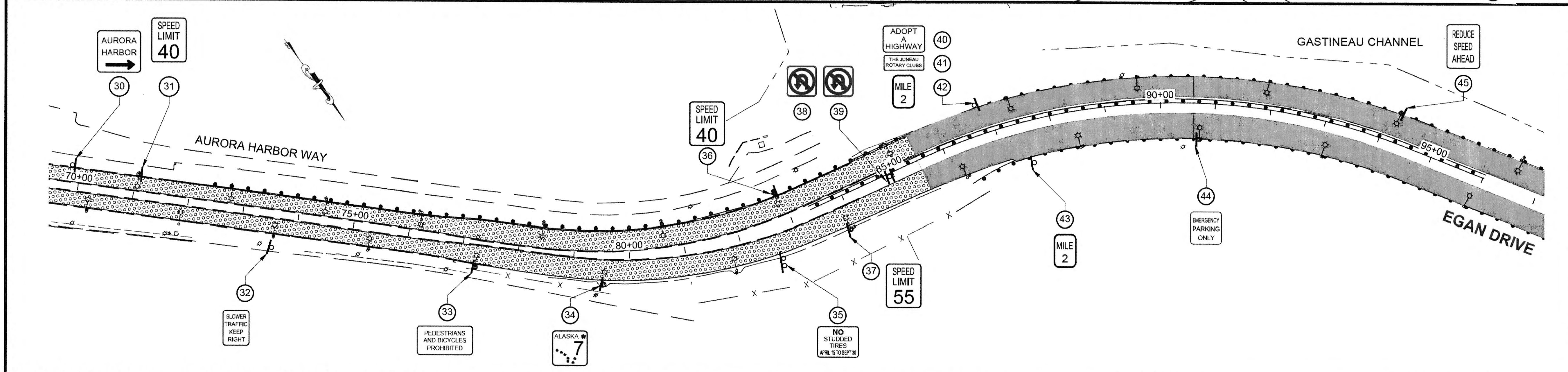
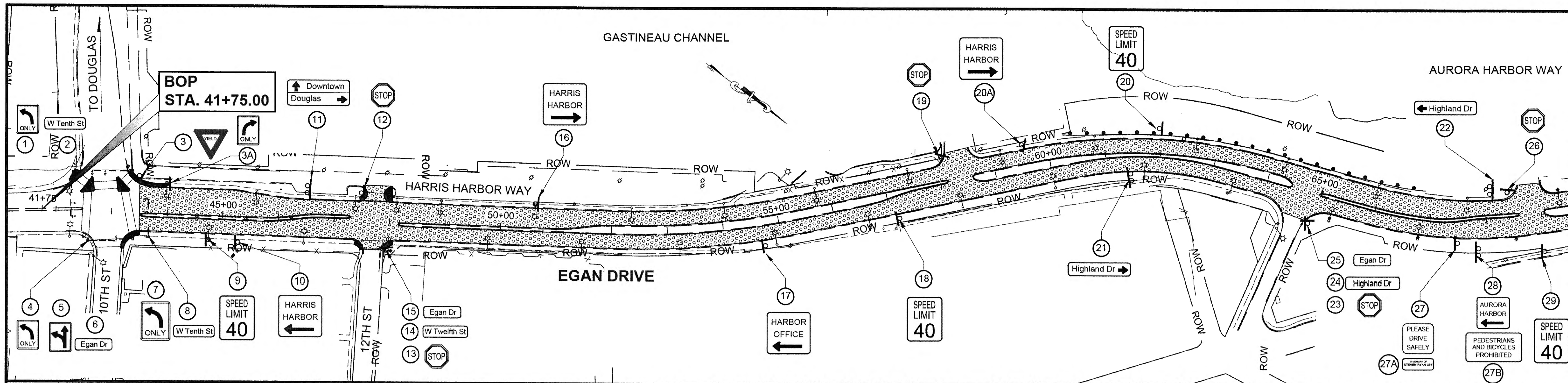
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
 PROJECT #68129

INTERSECTION STRIPING PLAN

PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
H4	84



PATH: J:\NU\68129\PLANSET\68129_H5-H10_SIGN PLAN.DWG

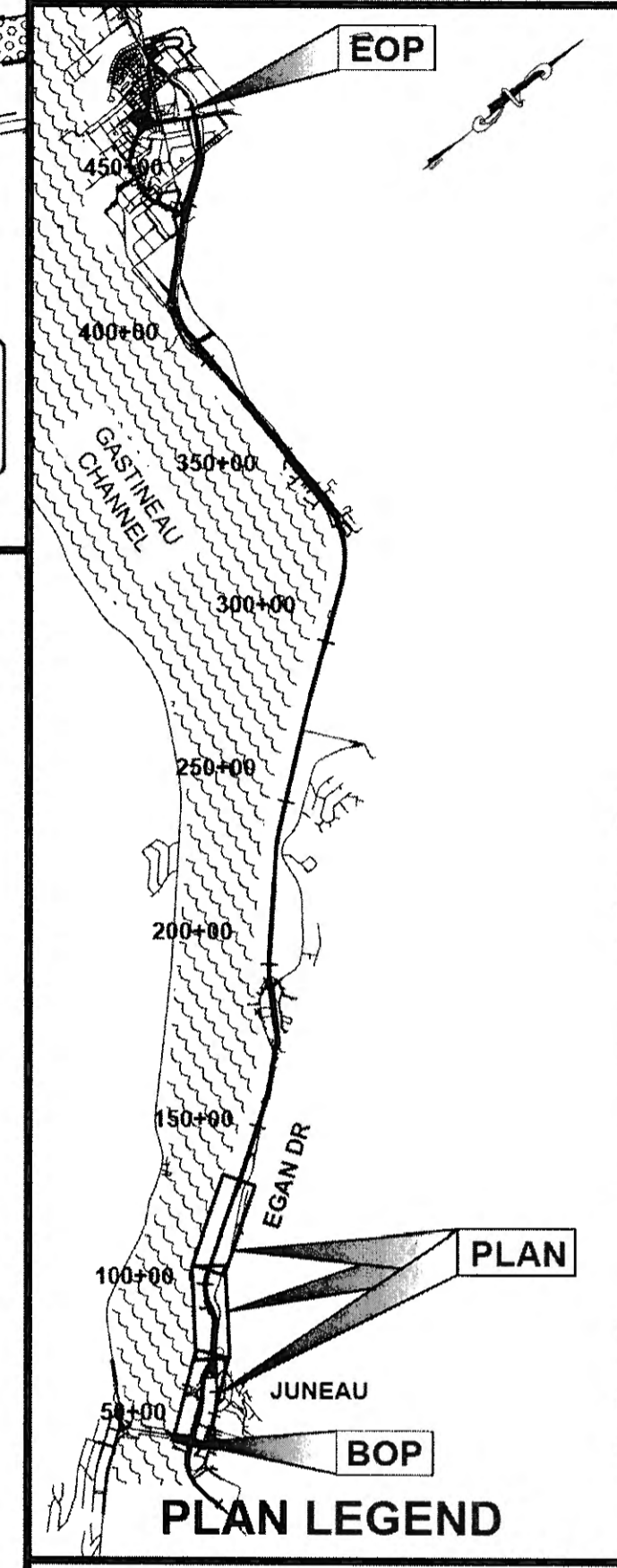
GEARY, NATE (DOT)
TAB: H5 Friday, July 24, 2015 8:08:40 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

SIGNING PLAN

PROJECT DESIGNATION
NH-0932(049)~68129

STATE	YEAR
ALASKA	2015

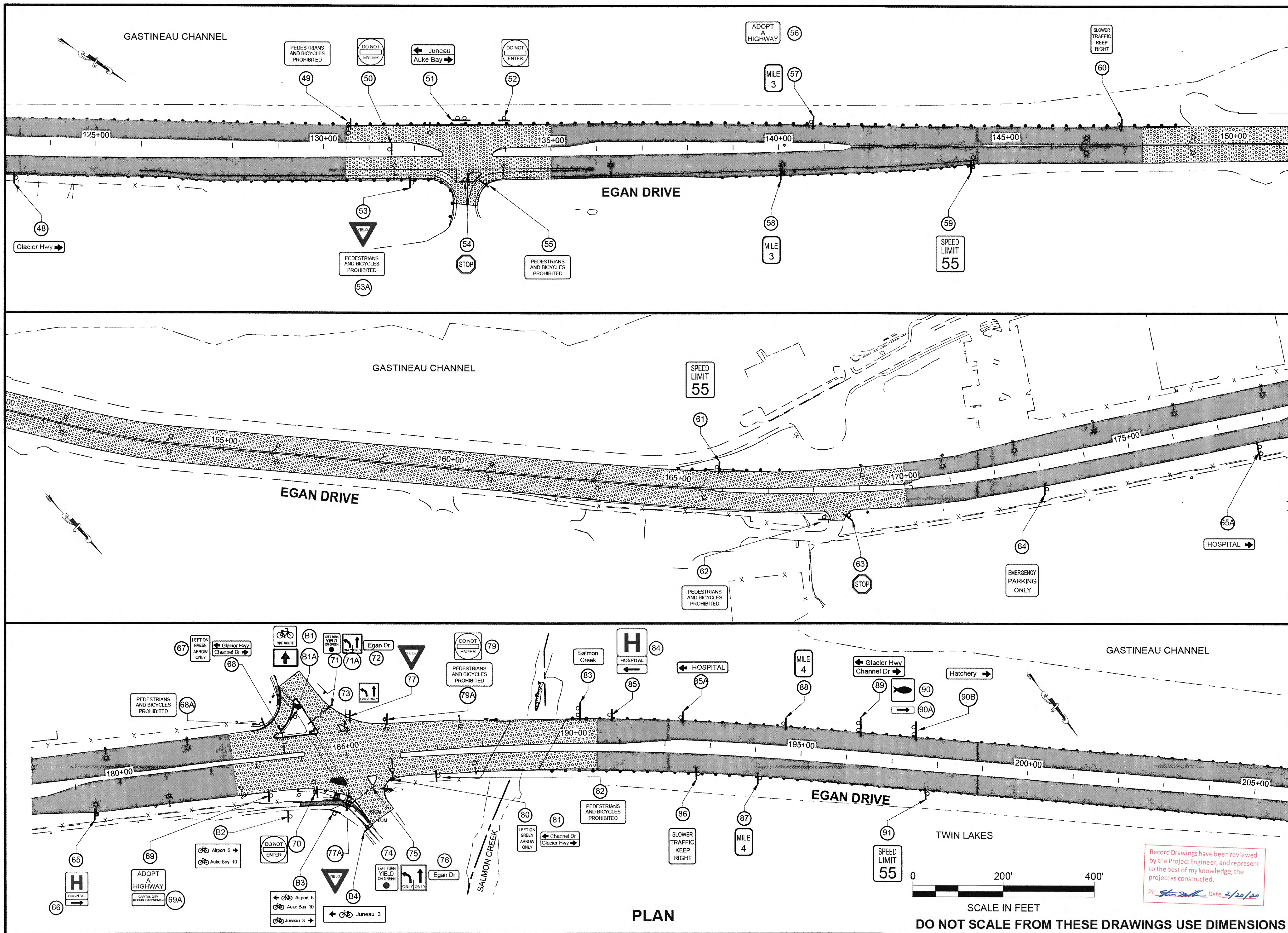
SHEET NUMBER	TOTAL SHEETS
H5	H15



SCALE IN FEET
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Miller* Date 2/20/20

PLAN



PLAN



SCALE IN FEET
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: *[Signature]* Date: 2/20/20

PATH: Q:\UNU\68129\PLANSET\68129_H5-H10_SIGN PLAN.DWG

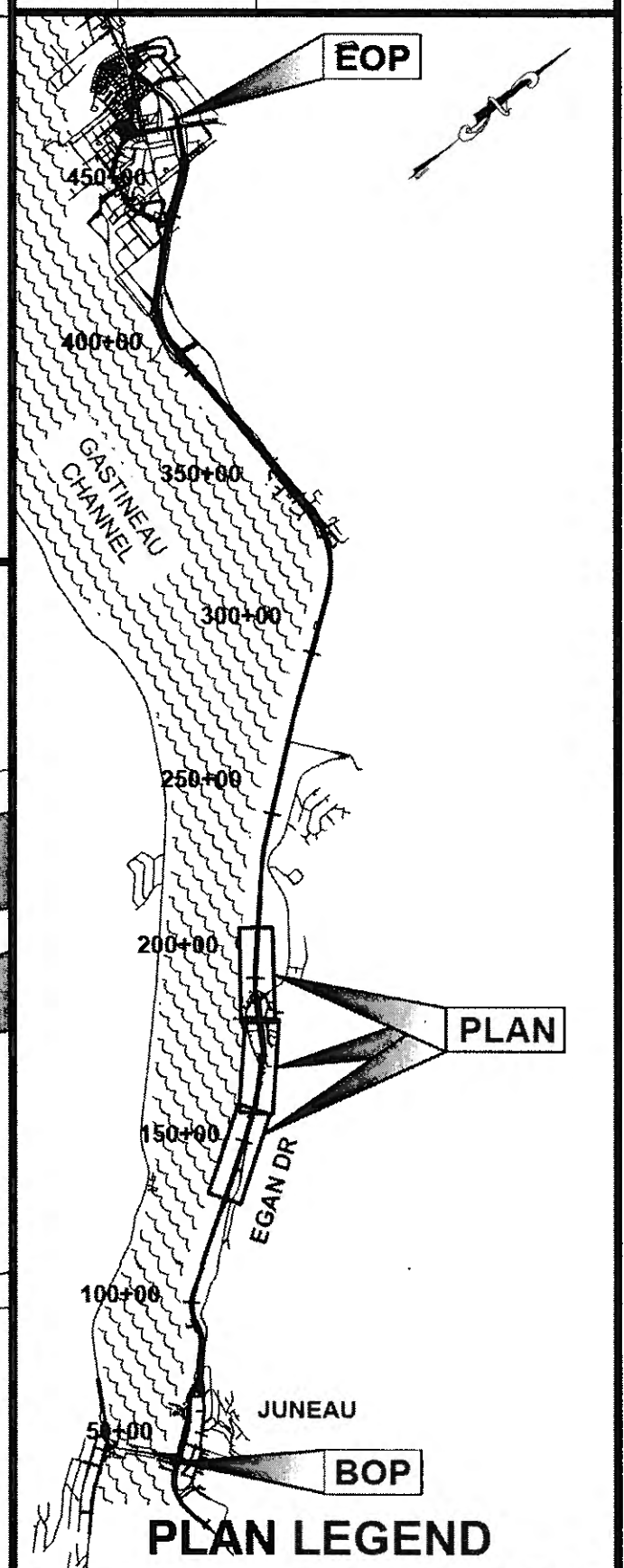
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ADDENDUM NUMBER

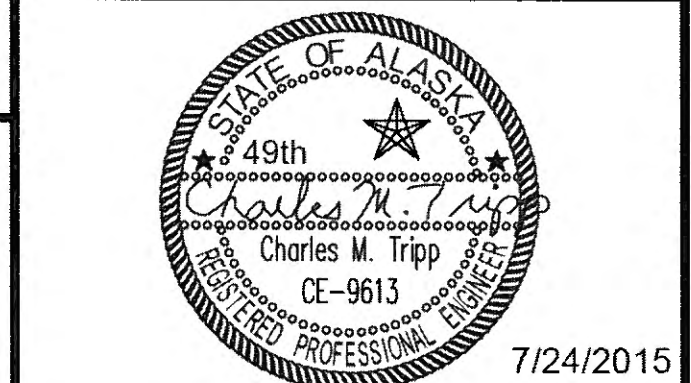
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT
REHABILITATION 10TH ST. TO
MENDENHALL LOOP ROAD
PROJECT #68129

SIGNING PLAN

PROJECT DESIGNATION

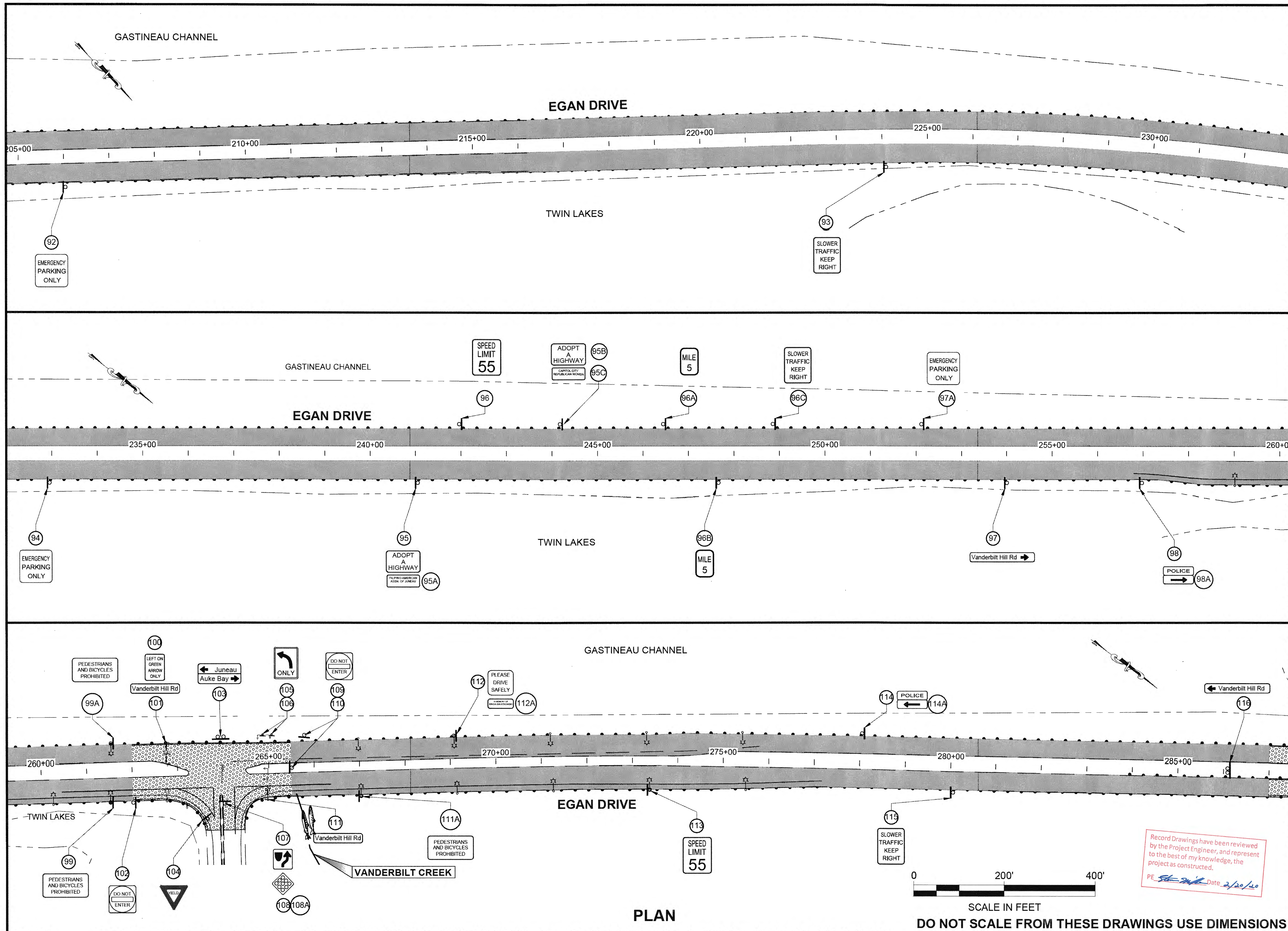
NH-0932(049)~68129

STATE YEAR

ALASKA 2015

SHEET NUMBER TOTAL SHEETS

H6 H15



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\UNU\68129\PLANSET\68129_H5-H10_SIGN PLAN.DWG

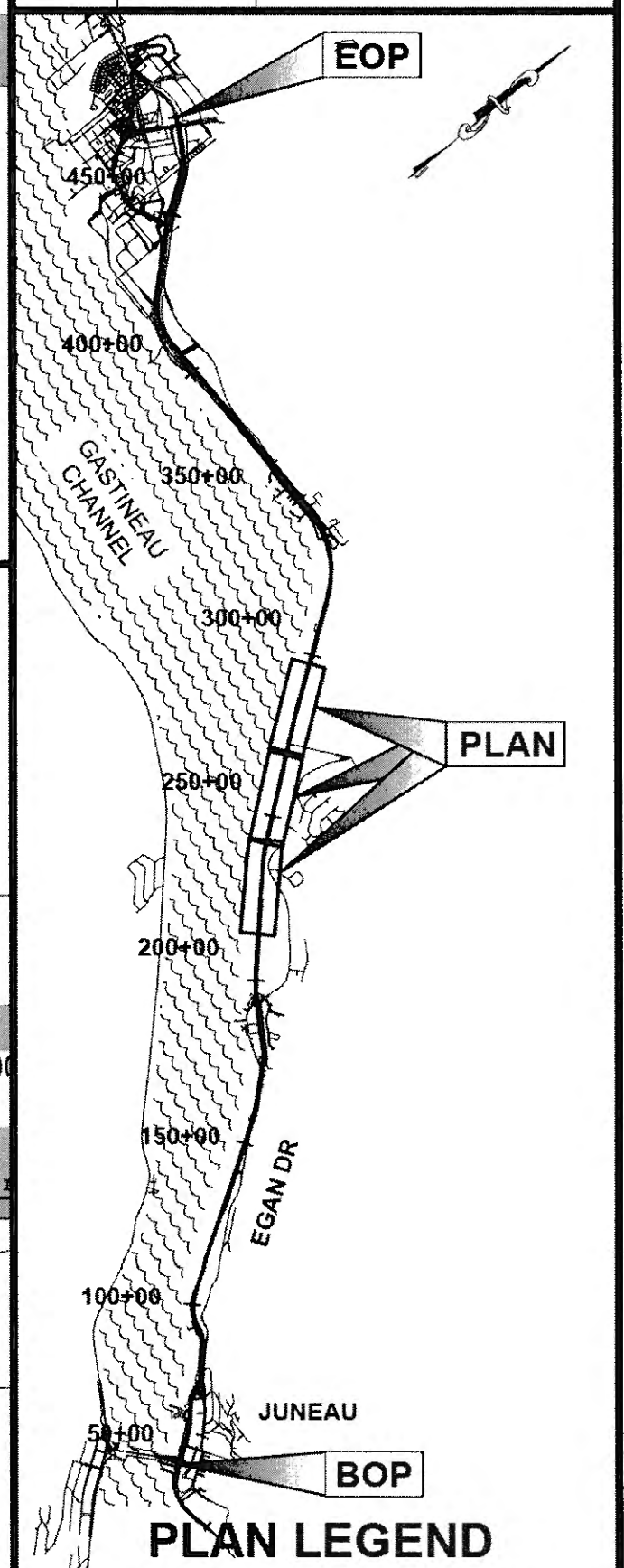
GEARY, NATE (DOT)
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ADDENDUM NUMBER

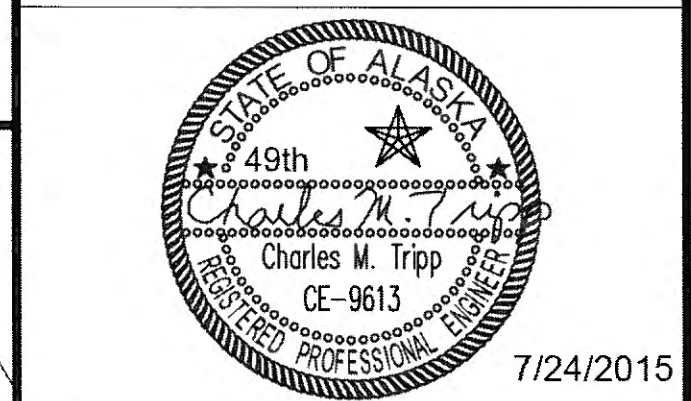
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

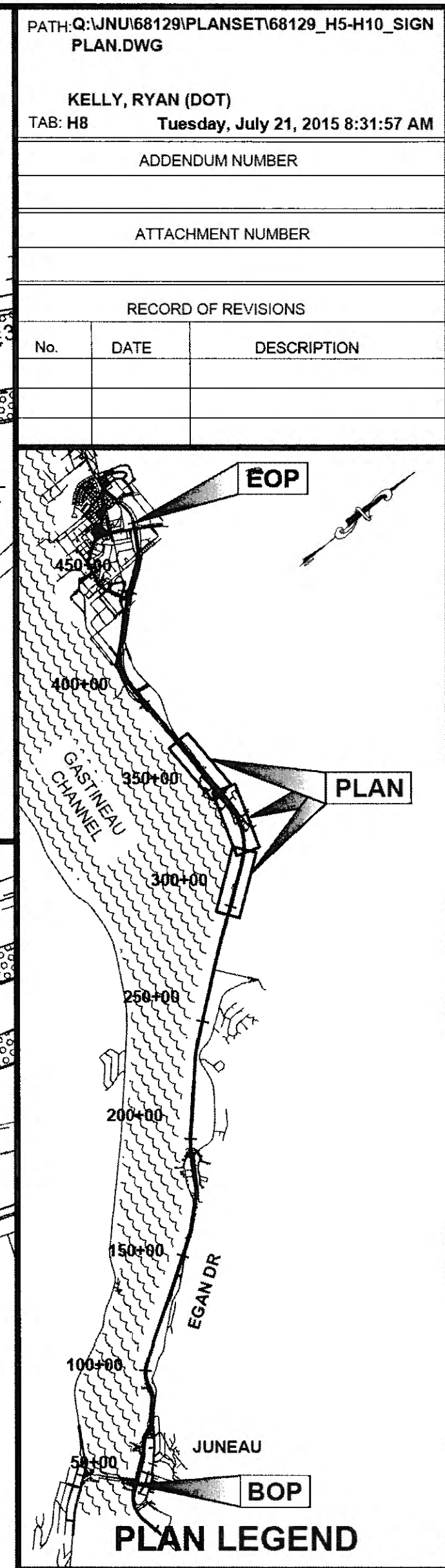
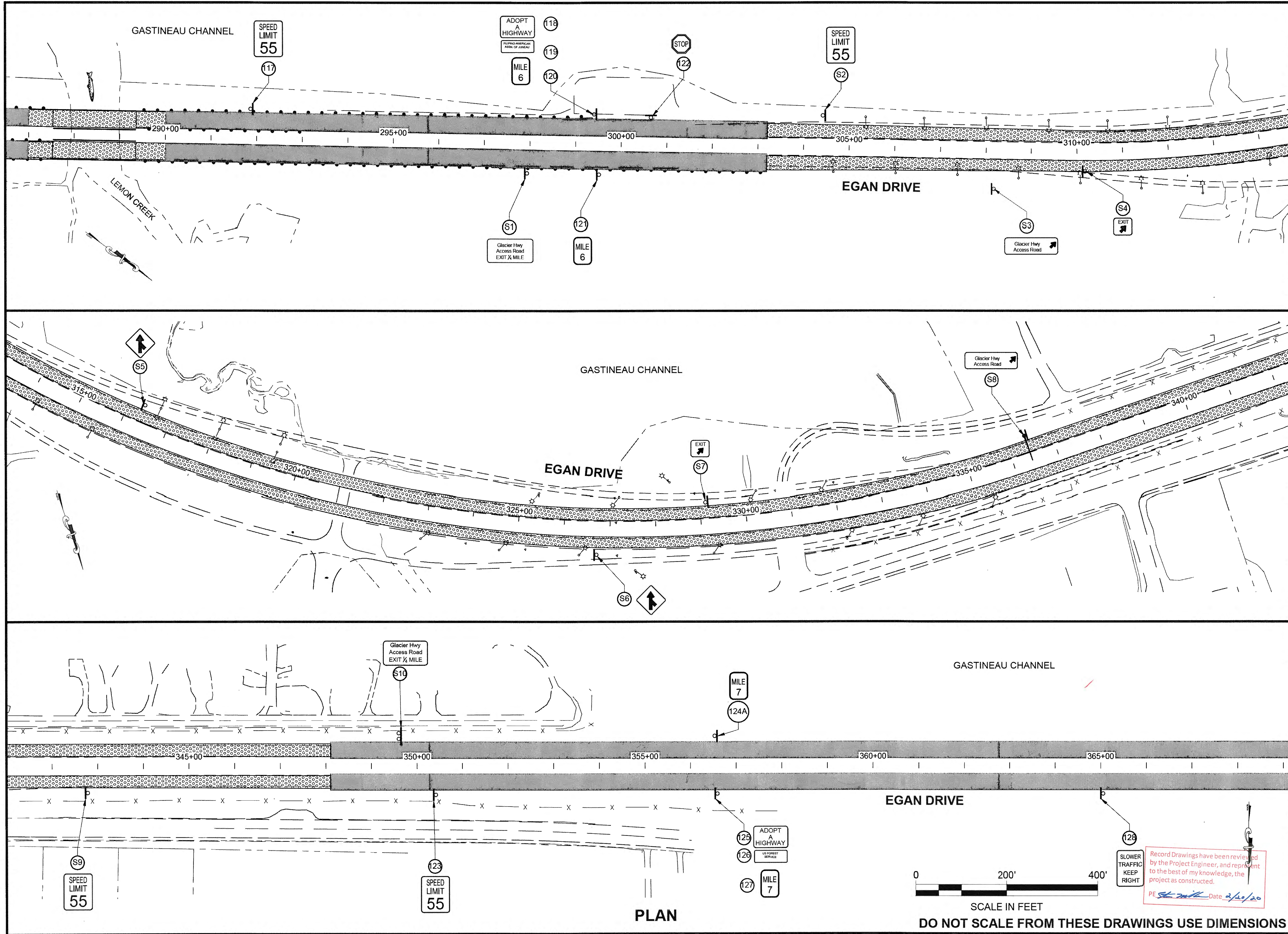
SIGNING PLAN

PROJECT DESIGNATION
NH-0932(049)~68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
H7	H15

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date 2/20/16



PATH: Q:\JNU68129\PLANSET68129_H5-H10_SIGN PLAN.DWG

KELLY, RYAN (DOT)
 TAB: H8 Tuesday, July 21, 2015 8:31:57 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. TRIPP

DESIGNED BY: C. IVANISZEK

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129

SIGNING PLAN

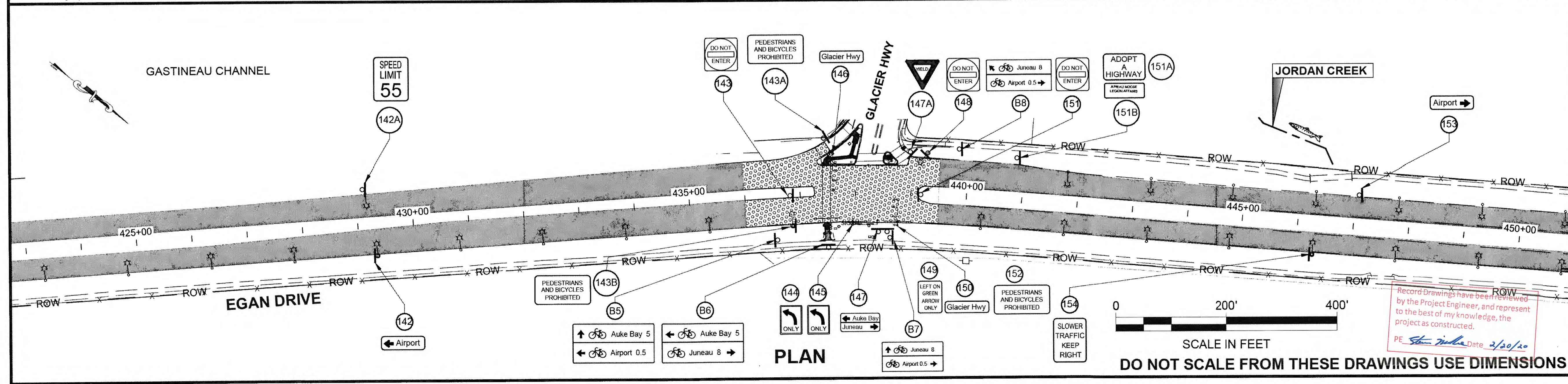
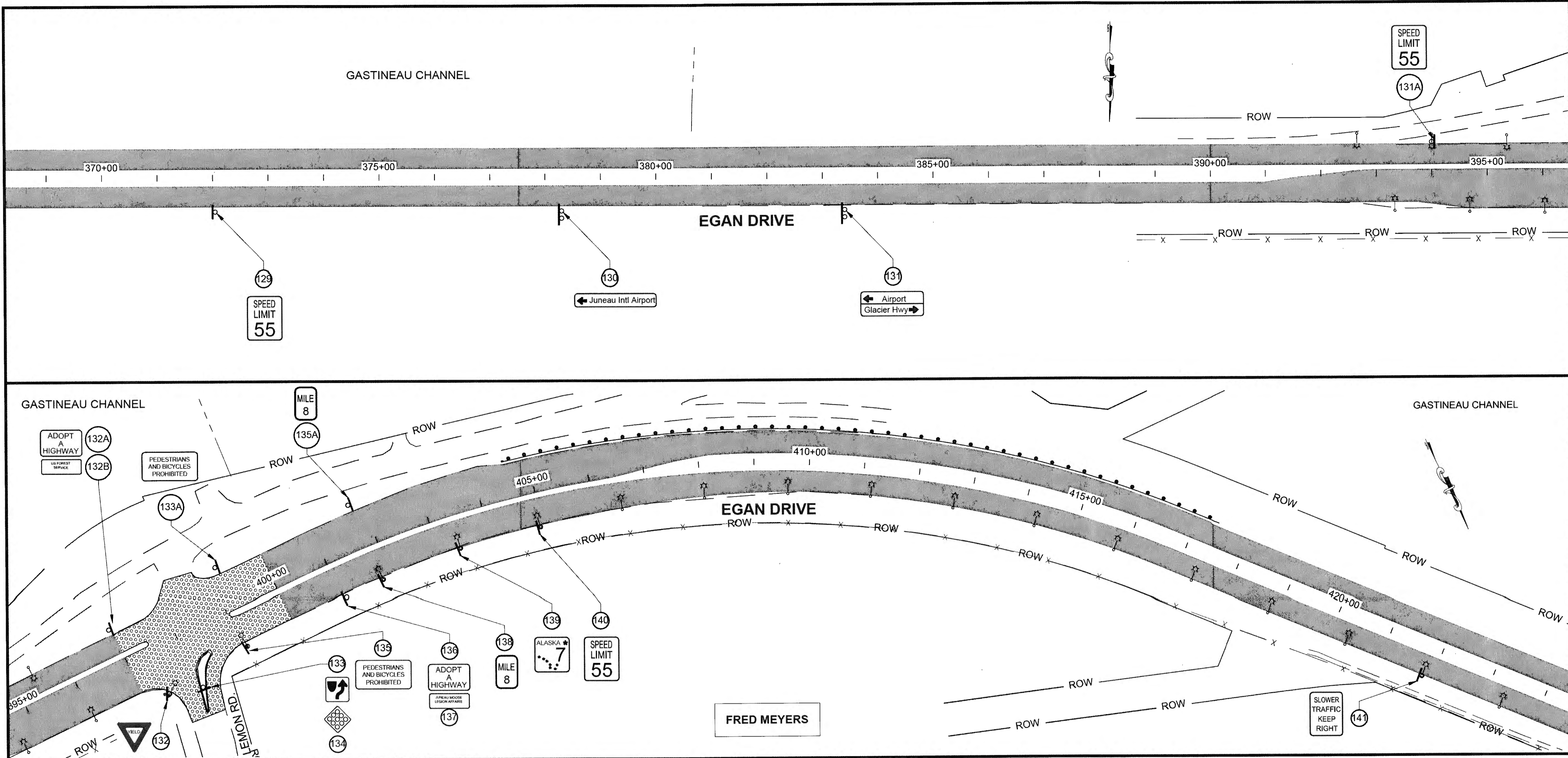
PROJECT DESIGNATION
 NH-0932(049)~68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
H8	H15

7/24/2015

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *[Signature]* Date: 2/10/20



PATH: Q:\UNU68129\PLANSET68129_H5-H10_SIGN PLAN.DWG

KELLY, RYAN (DOT)
 TAB: H9 Tuesday, July 21, 2015 8:32:17 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP

PLAN

BOP

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
 49th
 Charles M. Tripp
 CE-9613
 REGISTERED PROFESSIONAL ENGINEER
 7/24/2015

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

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOAST REGION

JNU EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

SIGNING PLAN

PROJECT DESIGNATION
 NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
H9	H15

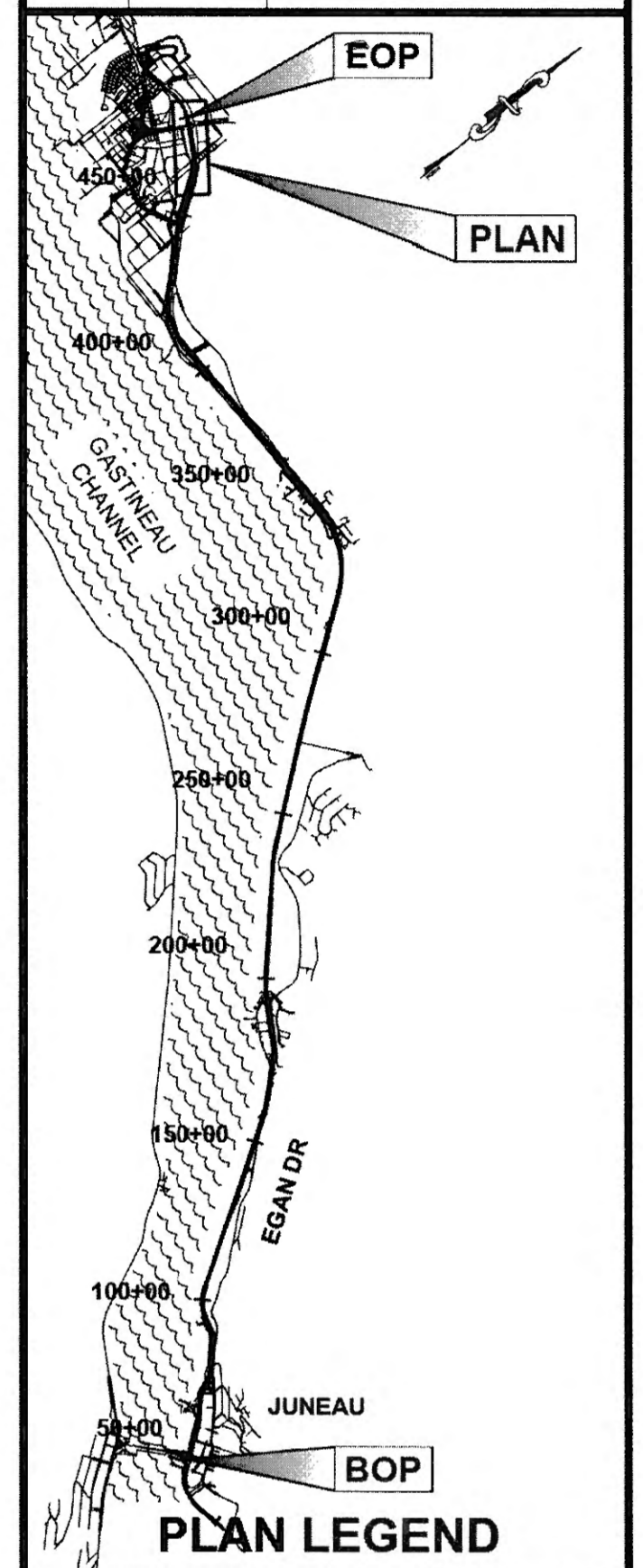
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *St. John* Date 2/20/16

0 200' 400'

SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP



DESIGNED BY: C. IVANISZEK

DRAWN BY: R. GRANTHAM

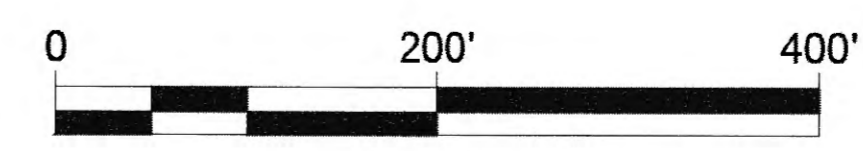
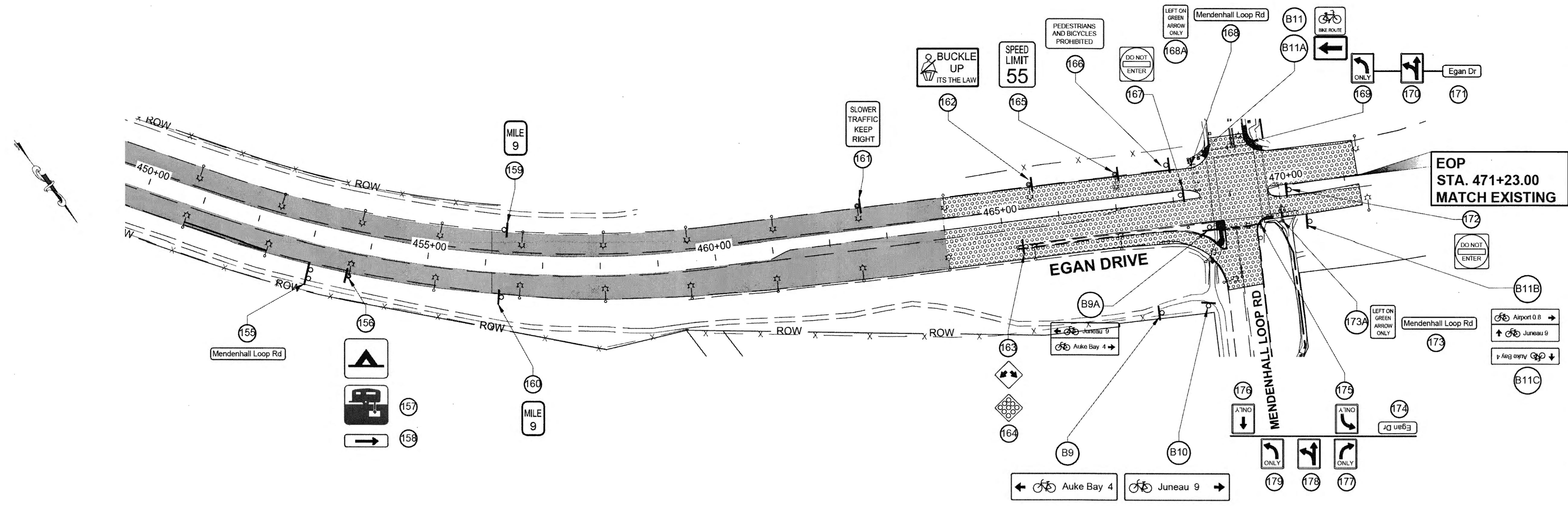
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

SIGNING PLAN

PROJECT DESIGNATION
 NH-0932(049)-68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
H10	75



SCALE IN FEET
 DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

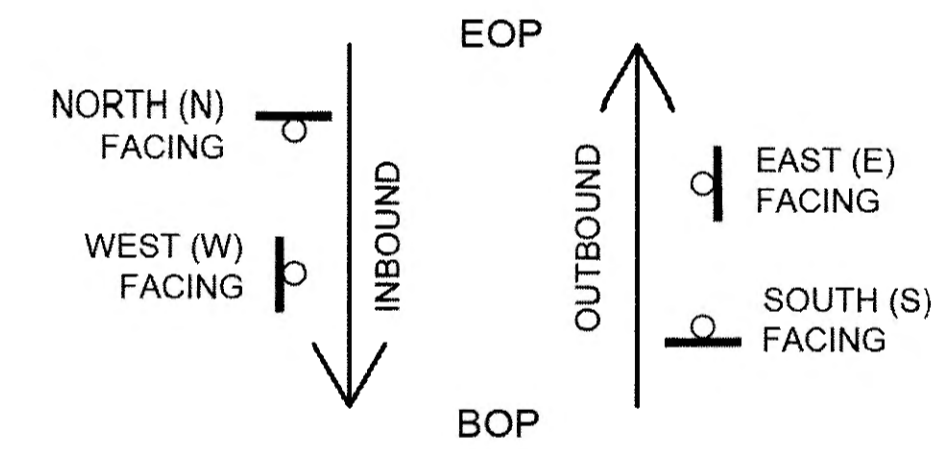
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 F.E. [Signature] Date 2/20/20

PLAN

615(1) STANDARD SIGN

NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST MATERIAL	SIGN FACING	REMARKS
1	42+23	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	N	Mount on signal mast arm.
2	42+23	LT	W Tenth St	D3-1B	90	18	11.25	Traffic Pole	N	Mount on signal mast arm. Em font 8" UC/6" LC
3	43+31	LT	YIELD	R1-2	36	36	3.90	Light Pole	N	
3(A)	43+98	LT	RIGHT TURN ONLY	R3-5R	30	36	7.50	Light Pole	N	
4	42+59	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	W	Mount on signal mast arm.
5	42+59	RT	LEFT TURN/ STRAIGHT MOVEMENT ONLY	R3-6	30	36	7.50	Traffic Pole	W	Mount on signal mast arm.
6	42+59	RT	Egan Dr	D3-1B	66	18	8.25	Traffic Pole	W	Mount on signal mast arm. Em font 8" UC/6" LC
7	43+68	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	S	Mount on signal mast arm.
8	43+68	RT	W Tenth St	D3-1B	90	18	11.25	Traffic Pole	S	Mount on signal mast arm. Em font 8" UC/6" LC
9	44+71	RT	SPEED LIMIT 40	R2-1	30	36	7.50	Light Pole	S	
10	45+24	RT	HARRIS HARBOR ←	D9 CUSTOM	30	30	6.25	2.5 PST	S	Use 5" C font all caps, put arrow on bottom line
11	46+55	LT	↑ Downtown Douglas →	D1-2-2	84	42	24.50	{2} 4x6 Wood	N	Em font 8" UC/6" LC
12	47+53	LT	STOP	R1-1	30	30	6.25	2.5 PST	W	On Harbor Way.
13	47+95	RT	STOP	R1-1	30	30	6.25	2.5 PST	E	On W Twelfth St.
14	47+95	RT	W Twelfth St	D3-1	42	12	3.50	-	N/S	Mount above sign 13. C font 6" LC/4" LC
15	47+95	RT	Egan Dr	D3-1	24	8	1.33	-	E/W	Mount above sign 14. C font 4" UC/3" LC
16	50+67	LT	HARRIS HARBOR →	D9 CUSTOM	30	30	6.25	Light Pole	N	Use 5" C font all caps, put arrow on bottom line
17	54+66	RT	HARBOR OFFICE ←	D9 CUSTOM	30	30	6.25	2.5 PST	S	Use 5" C font all caps, put arrow on bottom line
18	57+11	RT	SPEED LIMIT 40	R2-1	30	36	7.50	Light Pole	S	
19	58+11	LT	STOP	R1-1	30	30	6.25	2.5 PST	W	On Harris Harbor Way.
20	61+95	LT	SPEED LIMIT 40	R2-1	30	36	7.50	2.5 PST	N	
20(A)	59+56	LT	HARBOR OFFICE →	D9 CUSTOM	30	30	6.25	2.5 PST	N	Use 5" C font all caps, put arrow on bottom line
21	61+40	RT	Highland Dr →	D3-2	90	24	15.00	{2} 2.5 PST	S	Em font 8" UC/6" LC
22	68+14	LT	← Highland Dr	D3-2	90	24	15.00	{2} 2.5 PST	N	Em font 8" UC/6" LC
23	64+84	RT	STOP	R1-1	30	30	6.25	2.5 PST	E	On Highland Dr.
24	64+84	RT	Highland Dr	D3-1	42	12	3.50	-	N/S	Mount above sign 23. B font 6" UC/4" LC
25	64+84	RT	Egan Dr	D3-1	24	8	1.33	-	E/W	Mount above sign 24. C font 4" UC/3" LC
26	68+44	LT	STOP	R1-1	30	30	6.25	2.5 PST	W	On Aurora Harbor Way.
27	67+46	RT	PLEASE DRIVE SAFELY	I-161	30	30	6.25	2.5 PST	S	
27(A)	67+46	RT	IN MEMORY OF STEVEN RYAN LEE	I-162	30	12	2.50	-	S	Mount below sign 27. Use 2" C font all caps for name.
27(B)	67+64	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	S	
28	67+82	RT	AURORA HARBOR (Left Arrow)	D9 CUSTOM	30	30	6.25	2.5 PST	S	Use 5" C font all caps, put arrow on bottom line
29	68+91	RT	SPEED LIMIT 40	R2-1	30	36	7.50	2.5 PST	S	
30	69+85	LT	AURORA HARBOR (Right Arrow)	D9 CUSTOM	30	30	6.25	2.5 PST	N	Use 5" C font all caps, put arrow on bottom line
31	71+06	LT	SPEED LIMIT 40	R2-1	30	36	7.50	Light Pole	N	
32	73+54	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	36	48	12.00	Light Pole	S	
33	77+22	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	S	
34	79+50	RT	ALASKA ROUTE MARKER (7)	M1-5	36	36	9.00	Light Pole	S	
35	82+63	RT	NO STUDDER TIRES	R12-103	84	66	38.50	{2} 6x6 Wood	S	
36	82+86	LT	SPEED LIMIT 40	R2-1	30	36	7.50	Light Pole	N	
37	83+90	RT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	S	
38	84+92	CT	NO U-TURN (SYMBOL)	R3-4	30	30	6.25	2.5 PST	S	
39	84+92	CT	NO U-TURN (SYMBOL)	R3-4	30	30	6.25	-	N	Mount to back of sign 37
40	86+83	LT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	N	
41	86+83	LT	THE JUNEAU ROTARY CLUBS	I-150	30	12	2.50	-	N	Mount below sign 40
42	86+83	LT	SINGLE FACED 1 DIGIT MILE MARKER (2)	D10-1	12	24	2.00	-	N	Mount below sign 41
43	87+47	RT	SINGLE FACED 1 DIGIT MILE MARKER (2)	D10-1	12	24	2.00	2.5 PST	S	
44	90+72	RT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	Light Pole	S	
45	94+27	LT	REDUCED SPEED AHEAD	R2-5A	36	48	12.00	Light Pole	N	
46	95+85	RT	BUCKLE UP IT'S THE LAW	R16-1	48	30	10.00	Light Pole	S	
47	120+30	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	S	
48	123+21	RT	Glacier Hwy →	D3-2	120	24	20.00	{2} 4x6 Wood	S	E font 10.7" UC/8" LC
49	130+94	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	N	
50	131+49	CT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	NE	
51	133+01	LT	← Juneau Auke Bay →	D1-2-2	84	42	24.50	{2} 4x6 Wood	E	Em font 8" UC/6" LC
52	133+97	LT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	SE	
53	131+91	RT	YIELD	R1-2	48	48	6.93	2.5 PST	S	
53(A)	131+91	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	-	N	Mount to back of Sign 53
54	133+12	RT	STOP	R1-1	30	30	6.25	2.5 PST	E	On island at Glacier Hwy 2.5 mile.
55	133+53	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	S	
56	140+77	LT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	N	
57	140+77	LT	SINGLE FACED 1 DIGIT MILE MARKER (3)	D10-1	12	24	2.00	-	N	Mount below sign 56
58	140+05	RT	SINGLE FACED 1 DIGIT MILE MARKER (3)	D10-1	12	24	2.00	Light Pole	S	

**NOTE: DO NOT REMOVE EXISTING SIGNS
NOT LISTED IN THESE TABLES.**



SIGN FACING DIAGRAM
NTS

SIGN FACING NOTES: SIGN FACING IS RELATIVE TO THE DIAGRAM BELOW. IT IS NOT RELATED TO CARDINAL DIRECTION (I.E. AT YANDUKIN WHERE EGAN IS TRUELY EAST-WEST, A SIGN FACING OUTBOUND TRAFFIC IS STILL NOTED AS FACING (S).

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

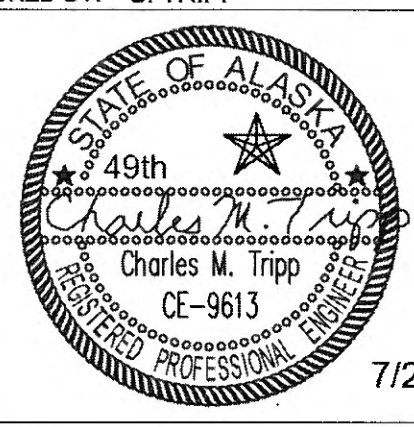
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION	
	JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129	
	SIGN SUMMARIES	
	DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	
PATH: Q:\JNU\68129\PLANS\68129_H11-H15_SIGN SUMS.DWG TAB: H11 Tuesday, July 21, 2015 8:32:49 AM	KELLY, RYAN (DOT)	
REVISIONS NO. DATE DESCRIPTION	PROJECT DESIGNATION NH-0932(049)~68129	YEAR 2015
SHEET NO. H11	TOTAL SHEETS H15	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: *[Signature]* Date: 2/20/20

615(1) STANDARD SIGN										
NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST MATERIAL	SIGN FACING	REMARKS
59	144+22	RT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	S	
60	147+55	LT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	N	
61	166+91	LT	SPEED LIMIT 55	R2-1	36	48	12.00	4x6 Wood	N	
62	168+21	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	2.5 PST	E	Sign location moved to Salmon Ck powerhouse drive.
63	168+72	RT	STOP	R1-1	30	30	6.25	2.5 PST	E	At Salmon Ck powerhouse drive.
64	173+01	RT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	S	
65	179+35	RT	(Hospital Symbol) HOSPITAL	D9-2	24	30	5.00	Light Pole	S	
65(A)	177+81	RT	HOSPITAL →						S	Remove, do not replace.
66	179+35	RT	→	D9-301R	24	6	1.00	-	S	Mount below Sign 66. Use BLUE background.
67	183+64	LT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	N	Mount on signal mast arm
68	183+64	LT	← Glacier Hwy Channel Dr →	D3-2B	90	30	18.75	Traffic Pole	N	Mount on signal mast arm
68(A)	183+29	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	2.5 PST	N	Sign location moved closer to Channel Dr, across from island tip.
69	183+19	RT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	S	
69(A)	183+19	RT	CAPITOL CITY REPUBLICAN WOMEN	I-150	30	12	2.50	-	S	Mount below sign 69
70	184+21	RT	DO NOT ENTER	R5-1	48	48	16.00	Light Pole	N	
71	184+78	LT	LEFT TURN YIELD ON GREEN (Ball Symbol)	R10-12	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
71A	184+78	LT	(Left Arrow) (Up Arrow)	R3-8L/S	30	30	6.25	Traffic Pole	E	Mount on signal mast arm
72	184+78	LT	Egan Dr	D3-1B	66	18	8.25	Traffic Pole	E	Mount on signal mast arm, Em font 8" UC/6" LC
73	185+00	LT	(Left Arrow) (Up Arrow)	R3-8L/S	30	30	6.25	Traffic Pole	E	
74	184+95	RT	LEFT TURN YIELD ON GREEN (Ball Symbol)	R10-12	30	36	7.50	Traffic Pole	W	Mount on signal mast arm
75	184+95	RT	(Left Arrow) (Up Arrow)	R3-8L/S	30	30	6.25	Traffic Pole	W	Mount on signal mast arm
76	184+95	RT	Egan Dr	D3-1B	66	18	8.25	Traffic Pole	W	Mount on signal mast arm, Em font 8" UC/6" LC
77	185+16	LT	YIELD	R1-2	48	48	6.93	2.5 PST	N	
77(A)	184+52	RT	YIELD	R1-2	48	48	6.93	2.5 PST	S	
78	185+77	RT	STOP	R1-1	48	48	16.00	4x6 Wood	N	On Glacier Highway.
79	185+95	LT	DO NOT ENTER	R5-1	48	48	16.00	Light Pole	S	
79(A)	185+95	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	S	Mount below sign 79
80	185+78	RT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	S	Mount on signal mast arm
81	185+96	RT	← Channel Dr Glacier Hwy →	D3-2B	90	30	18.75	Light Pole	S	Mount on signal mast arm
82	186+94	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	2.5 PST	S	
83	190+14	LT	Salmon Creek	I-3	60	48	20.00	(2) 4x6 Wood	N	C font 10.67 UC/8" LC
84	190+83	LT	(Hospital Symbol) HOSPITAL	D9-2	24	30	5.00	2.5 PST	N	
85	190+83	LT	←	D9-301R	24	6	1.00	-	N	Mount below sign 84. Use BLUE background.
85(A)	192+31	LT	← HOSPITAL						N	Remove, do not replace.
86	192+73	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	S	
87	194+10	RT	SINGLE FACED 1 DIGIT MILE MARKER (4)	D10-1	12	24	2.00	2.5 PST	S	
88	194+61	LT	SINGLE FACED 1 DIGIT MILE MARKER (4)	D10-1	12	24	2.00	2.5 PST	N	
89	196+26	LT	← Glacier Hwy Channel Dr →	D1-2-2	120	54	45.00	(2) 6x6 Wood	N	Em font 10.7" UC/8" LC
90	196+26	LT	(Hatchery Symbol)	D7-RD-090	30	30	6.25	-	N	Mount below sign 89.
90(A)	196+26	LT	→	D9-301R	24	6	1.00	-	N	Mount below sign 90. Use BROWN background.
90(B)	197+42	LT	HATCHERY →						N	Remove, do not replace.
91	197+79	RT	SPEED LIMIT 55	R2-1	36	48	12.00	4x6 Wood	S	
92	205+97	RT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	S	
93	224+04	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	S	
94	232+91	RT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	S	
95	241+01	RT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	S	
95(A)	241+01	RT	FILIPINO-AMERICAN ASSN. OF JUNEAU	I-150	30	12	2.50	-	S	Mount below sign 95
95(B)	244+21	LT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	N	
95(C)	244+21	LT	CAPITOL CITY REPUBLICAN WOMEN	I-150	30	12	2.50	-	N	Mount below sign 95(B)
96	242+00	LT	SPEED LIMIT 55	R2-1	36	48	12.00	4x6 Wood	N	
96(A)	246+47	LT	SINGLE FACED 1 DIGIT MILE MARKER (5)	D10-1	12	24	2.00	2.5 PST	N	
96(B)	247+61	RT	SINGLE FACED 1 DIGIT MILE MARKER (5)	D10-1	12	24	2.00	2.5 PST	S	
96(C)	248+89	LT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	N	
97	253+96	RT	Vanderbilt Hill Rd →	D3-2R	162	24	27.00	(2) 4x6 Wood	S	E font 10.7" UC/8" LC
97(A)	252+16	LT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	N	
98	256+93	RT	POLICE	D9-14	30	30	6.25	2.5 PST	S	
98(A)	256+93	RT	→	D9-301R	24	6	1.00	-	S	Mount below sign 98. Use BLUE background.
99	261+56	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	N	
99(A)	261+55	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	N	
100	262+76	LT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	N	Mount on signal mast arm
101	262+76	LT	Vanderbilt Hill Rd	D3-1B	150	30	31.25	Traffic Pole	N	Mount on signal mast arm, E font 10.7" UC/8" LC

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Sheela* Date *2/20/20*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS


CHECKED BY: C. TRIPP 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 SIGN SUMMARIES	
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PATH: Q:\JUNU68129\PLANSET68129_H11-H15_SIGN SUMS.DWG TAB: H12 Tuesday, July 21, 2015 8:32:53 AM KELLY, RYAN (DOT)	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION NH-0932(049)-68129	YEAR SHEET NO. TOTAL SHEETS 2015 H12 H15

615(1) STANDARD SIGN

NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST MATERIAL	SIGN FACING	REMARKS
102	262+06	RT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	N	
103	263+97	LT	← Juneau Auke Bay →	D1-2-2	84	42	24.50	(2) 4x6 Wood	E	Em font 8" UC/6" LC
104	263+60	RT	YIELD	R1-2	48	48	6.93	2.5 PST	W	
105	265+08	LT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
106	265+08	LT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	E	
107	264+02	RT	KEEP RIGHT (SYMBOL)	R4-7	30	36	7.50	2.5 PST	W	
108	264+02	RT	OBJECT MARKER (TYPE 1)	OM1-1	18	18	2.25	-	W	Mount below sign 107
108(A)	264+02	RT	OBJECT MARKER (TYPE 1)	OM1-1	18	18	2.25	-	E	Mount to back of sign 108
109	265+46	CT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	S	
110	265+79	LT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	SE	
111	264+96	RT	Vanderbilt Hill Rd	D3-1B	150	30	31.25	Traffic Pole	S	Mount on signal mast arm, E font 10.7" UC/8" LC
111(A)	267+03	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	S	New sign.
112	269+14	LT	PLEASE DRIVE SAFELY	I-161	30	30	6.25	Light Pole	N	
112(A)	269+14	LT	IN MEMORY OF ERICA SWIATKOWSKI	I-162	30	12	2.50	Light Pole	N	
113	273+33	RT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	S	
114	278+09	LT	POLICE	D9-14	30	30	6.25	2.5 PST	N	
114(A)	278+09	LT	←	D9-301L	24	6	1.00	-	N	Mount below sign 114. Use BLUE background.
115	280+00	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	S	
116	286+14	CT	← Vanderbilt Hill Rd	D3-2L	162	24	27.00	(2) 4x6 Wood	N	E font 10.7" UC/8" LC
117	291+91	LT	SPEED LIMIT 55	R2-1	36	48	12.00	4x6 Wood	N	
118	299+45	LT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	N	
119	299+45	LT	FILIPINO-AMERICAN ASSN. OF JUNEAU	I-150	30	12	2.50	-	N	Mount below sign 119
120	299+45	LT	SINGLE FACED 1 DIGIT MILE MARKER (6)	D10-1	12	24	2.00	2.5 PST	N	
121	299+48	RT	SINGLE FACED 1 DIGIT MILE MARKER (6)	D10-1	12	24	2.00	2.5 PST	S	
122	300+68	LT	STOP	R1-1	30	30	6.25	2.5 PST	W	On wetlands view point.
123	350+37	RT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	S	
124(A)	356+58	LT	SINGLE FACED 1 DIGIT MILE MARKER (7)	D10-1	12	24	2.00	2.5 PST	N	Mount below sign 124
125	356+54	RT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	S	
126	356+54	RT	US FOREST SERVICE	I-150	30	12	2.50	-	S	Mount below sign 125
127	356+54	RT	SINGLE FACED 1 DIGIT MILE MARKER (7)	D10-1	12	24	2.00	-	S	Mount below sign 126
128	365+00	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	S	
129	372+00	RT	SPEED LIMIT 55	R2-1	36	48	12.00	4x6 Wood	S	
130	378+25	RT	← Juneau Intl Airport	D1-1	174	24	29.00	(2) 4x6 Wood	S	E font 10.7" UC/8" LC
131	383+36	RT	← Airport Glacier Hwy →	D1-2-2	120	54	45.00	(2) 6x6 Wood	S	E font 10.7" UC/8" LC
131(A)	394+00	LT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	N	
132	397+39	RT	YIELD	R1-2	48	48	6.93	Light Pole	S	
132(A)	396+98	LT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	N	
132(B)	396+98	LT	US FOREST SERVICE	I-150	30	12	2.50	-	N	Mount below sign 132(A)
133	398+02	RT	KEEP RIGHT (SYMBOL)	R4-7	30	36	7.50	2.5 PST	E	
133(A)	399+19	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	2.5 PST	N	
134	398+02	RT	OBJECT MARKER (TYPE 1)	OM1-1	18	18	2.25	-	E	Mount below sign 133
135	399+04	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	S	
135(A)	401+78	LT	SINGLE FACED 1 DIGIT MILE MARKER (8)	D10-1	12	24	2.00	2.5 PST	N	
136	401+02	RT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	S	
137	401+02	RT	JUNEAU MOOSE LEGION AFFAIRS	I-150	30	12	2.50	-	S	Mount below sign 136
138	401+82	RT	SINGLE FACED 1 DIGIT MILE MARKER (8)	D10-1	12	24	2.00	Light Pole	S	
139	403+38	RT	ALASKA ROUTE MARKER (7)	M1-5	36	36	9.00	Light Pole	S	
140	404+94	RT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	S	
141	421+77	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	Light Pole	S	
142	429+30	RT	← Airport	D1-1	78	24	13.00	(2) 2.5 PST	S	E font 10.7" UC/8" LC
142(A)	429+18	LT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	N	
143	436+86	CT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	N	
143(A)	437+45	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	2.5 PST	W	Sign location moved to end of sidewalk
143(B)	436+34	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Light Pole	N	
144	437+94	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	W	Mount on signal mast arm
145	437+94	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	W	Mount on signal mast arm
146	437+61	LT	Glacier Hwy	D3-1B	108	30	22.50	Traffic Pole	N	Mount on signal mast arm, E font 10.7" UC/8" LC
147	438+50	RT	← Auke Bay Juneau →	D1-2-2	84	42	24.50	(2) 4x6 Wood	W	Em font 8" UC/6" LC
147(A)	439+00	LT	YIELD	R1-2	48	48	6.93	2.5 PST	N	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Shirley M. Kelly* Date *2/20/20*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

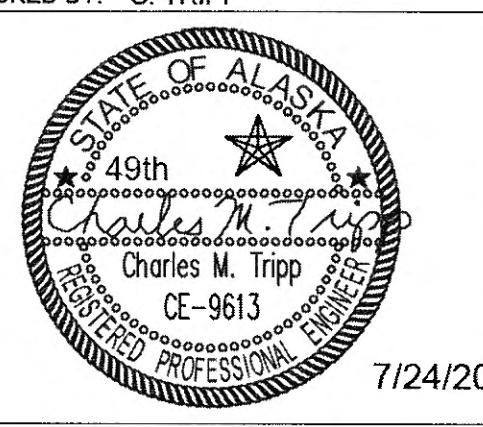
CHECKED BY: C. TRIPP  7/24/2015	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 SIGN SUMMARIES
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF PATH: Q:\JNU\68129\PLANSET\68129_H11-H15_SIGN SUMS.DWG TAB: H13 Tuesday, July 21, 2015 8:32:58 AM KELLY, RYAN (DOT)	
REVISIONS NO. DATE DESCRIPTION	PROJECT DESIGNATION NH-0932(049)~68129
YEAR 2015	SHEET NO. H13
TOTAL SHEETS H15	

615(1) STANDARD SIGN

NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST MATERIAL	SIGN FACING	REMARKS
148	439+25	LT	DO NOT ENTER	R5-1	48	48	16.00	Light Pole	S	
149	438+77	RT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	S	Mount on signal mast arm
150	438+77	RT	Glacier Hwy	D3-1B	108	30	22.50	Traffic Pole	S	Mount on signal mast arm, E font 10.7" UC/8" LC
151	439+14	CT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	S	Mount on signal mast arm
151(A)	440+92	LT	ADOPT A HIGHWAY	I-150	30	24	5.00	2.5 PST	N	
151(B)	440+92	LT	JUNEAU MOOSE LEGION AFFAIRS	I-150	30	12	2.50	-	N	Mount below sign 151(A)
152	438+77	RT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	Traffic Pole	S	Sign location moved to signal pole.
153	447+12	LT	Airport →	D1-1	78	24	13.00	(2) 2.5 PST	N	E font 10.7" UC/8" LC
154	446+25	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	Light Pole	S	
155	453+03	RT	Mendenhall Loop Rd	D3 CUSTOM	168	24	28.00	(2) 4x6 Wood	S	Use dimensions of D3-2 w/o arrow. E font 10.7" UC/8" LC
156	453+67	RT	CAMPING (Symbol)	D9-3	30	30	6.25	Light Pole	S	
157	453+67	RT	DUMP STATION (Symbol)	D9-12	30	30	6.25	Light Pole	S	Mount below sign 156
158	453+67	RT	→	D9-301R	24	6	1.00	Light Pole	S	Mount below sign 157
159	456+34	LT	SINGLE FACED 1 DIGIT MILE MARKER [9]	D10-1	12	24	2.00	2.5 PST	N	
160	456+28	RT	SINGLE FACED 1 DIGIT MILE MARKER [9]	D10-1	12	24	2.00	Light Pole	S	
161	462+55	LT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	Light Pole	N	
162	465+55	LT	BUCKLE UP IT'S THE LAW	R16-1	48	30	10.00	Light Pole	N	
163	465+33	RT	LEFT/RIGHT DOWN ARROWS	W12-1	36	36	9.00	2.5 PST	S	
164	465+33	RT	OBJECT MARKER (TYPE 1)	OM1-1	18	18	2.25	-	S	Mount below sign 163
165	467+05	LT	SPEED LIMIT 55	R2-1	36	48	12.00	Light Pole	N	
166	467+40	LT	PEDESTRIANS AND BICYCLES PROHIBITED	R5-10B	30	18	3.75	2.5 PST	N	Sign location moved to approximately end of guardrail.
167	468+19	CT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	N	
168	468+39	LT	Mendenhall Loop Rd	D3-1B	168	30	35.00	Traffic Pole	N	Mount on signal mast arm, E font 10.7" UC/8" LC
168(A)	468+39	LT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	N	New sign. Mount on mast arm as close to left signal as possible.
169	469+09	LT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
170	469+12	LT	LEFT TURN/ STRAIGHT MOVEMENT ONLY	R3-6	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
171	469+35	LT	Egan Dr	D3-2	66	24	11.00	Traffic Pole	E	Mount on signal mast arm, E font 8" UC/6" LC
172	469+98	RT	DO NOT ENTER	R5-1	48	48	16.00	4x6 Wood	S	
173	469+84	RT	Mendenhall Loop Rd	D3-1B	168	30	35.00	Traffic Pole	S	Mount on signal mast arm, E font 10.7" UC/8" LC
173(A)	469+84	RT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	S	New sign. Mount on mast arm as close to left signal as possible.
174	469+37	RT	Egan Dr	D3-1B	66	18	8.25	Traffic Pole	W	Mount on signal mast arm, E font 8" UC/6" LC
175	469+03	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	W	Mount on signal mast arm
176	468+70	RT	STRAIGHT ONLY	R3-5A	30	36	7.50	Traffic Pole	W	Mount on signal mast arm
177	469+24	RT	RIGHT TURN ONLY	R3-5R	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
178	469+04	RT	LEFT TURN/ STRAIGHT MOVEMENT ONLY	R3-6	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
179	468+86	RT	LEFT TURN ONLY	R3-5L	30	36	7.50	Traffic Pole	E	Mount on signal mast arm
B1	183+97	LT	(Bike Symbol) BIKE ROUTE	R11-1	24	18	3.00	2.5 PST	W	Locate in grass visible to pedestrians crossing from Channel Dr
B1(A)	183+97	LT	↑	M6-3	21	15	2.19	-	W	Mount below Sign B1. Use GREEN background and WHITE legend.
B2	183+58	RT	(Bike Symbol) Airport 6 → (Bike Symbol) Auke Bay 10	D1-2C	42	12	3.50	2.5 PST	S	Locate on right of path 100' before crosswalk. B font 4" UC/3" LC
B3	184+58	RT	← (Bike Symbol) Airport 6 (Bike Symbol) Auke Bay 10 (Bike Symbol) Juneau 3 →	D1-3C	42	18	5.25	2.5 PST	W	Locate facing pedestrians coming from crosswalk. B font 4" UC/3" LC
B4	185+30	RT	← (Bike Symbol) Juneau 3	D1-1C	42	6	1.75	2.5 PST	E	Locate on path across from luminaire. B font 4" UC/3" LC
B5	436+50	RT	↑ (Bike Symbol) Auke Bay 5 ← (Bike Symbol) Airport 0.5	D1-2C	42	12	3.50	2.5 PST	S	Locate on left of path 100' before crosswalk. B font 4" UC/3" LC
B6	437+50	RT	← (Bike Symbol) Auke Bay 5 (Bike Symbol) Juneau 8 →	D1-2C	42	12	3.50	2.5 PST	W	Locate facing pedestrians coming from crosswalk. B font 4" UC/3" LC
B7	438+50	RT	↑ (Bike Symbol) Juneau 8 (Bike Symbol) Airport 0.5 →	D1-2C	42	12	3.50	2.5 PST	N	Locate 20' north of signal cabinets. B font 4" UC/3" LC
B8	439+85	LT	↖ (Bike Symbol) Juneau 8 (Bike Symbol) Airport 0.5 →	D1-2C	42	12	3.50	2.5 PST	N	Locate on right of path 100' before crosswalk. B font 4" UC/3" LC
B9	467+57	RT	← (Bike Symbol) Auke Bay 4	D1-1C	42	6	1.75	2.5 PST	S	Locate on right of path 100' before T-intersection. B font 4" UC/3" LC
B9(A)	568+57	RT	← (Bike Symbol) Juneau 9 (Bike Symbol) Auke Bay 4 →	D1-2C	42	12	3.50	2.5 PST	N	Locate on island 25' before Loop road. B font 4" UC/3" LC
B10	468+38	RT	(Bike Symbol) Juneau 9 →	D1-1C	42	6	1.75	2.5 PST	W	Locate facing pedestrians coming from crosswalk. B font 4" UC/3" LC
B11	468+60	LT	(Bike Symbol) BIKE ROUTE	R11-1	24	18	3.00	2.5 PST	N	Locate next to pedestrian signal.
B11(A)	468+60	LT	←	M6-4	21	15	2.19	-	N	Mount below B11(A). Use GREEN background and WHITE legend.
B11(B)	470+24	RT	(Bike Symbol) Airport 0.8 → ↑ (Bike Symbol) Juneau 9	D1-2C	42	12	3.50	2.5 PST	N	Locate after sidewalk connects with Egan Dr. B font 4" UC/3" LC
B11(C)	470+24	RT	↑ (Bike Symbol) Auke Bay 4	D1-2C	42	6	1.75	-	N	Locate after sidewalk connects with Egan Dr. B font 4" UC/3" LC

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: *[Signature]* Date: 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

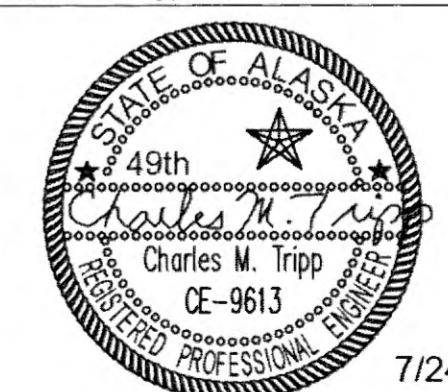
CHECKED BY: C. TRIPP  DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 SIGN SUMMARIES
PATH: Q:\JUNU68129\PLANSET68129_H11-H15_SIGN SUMS.DWG TAB: H14 Tuesday, July 21, 2015 8:33:03 AM KELLY, RYAN (DOT)	
REVISIONS NO. DATE DESCRIPTION	PROJECT DESIGNATION: NH-0932(049)-68129 YEAR: 2015 SHEET NO.: H14 TOTAL SHEETS: H15

615 (1) STANDARD SIGNING SCHEDULE

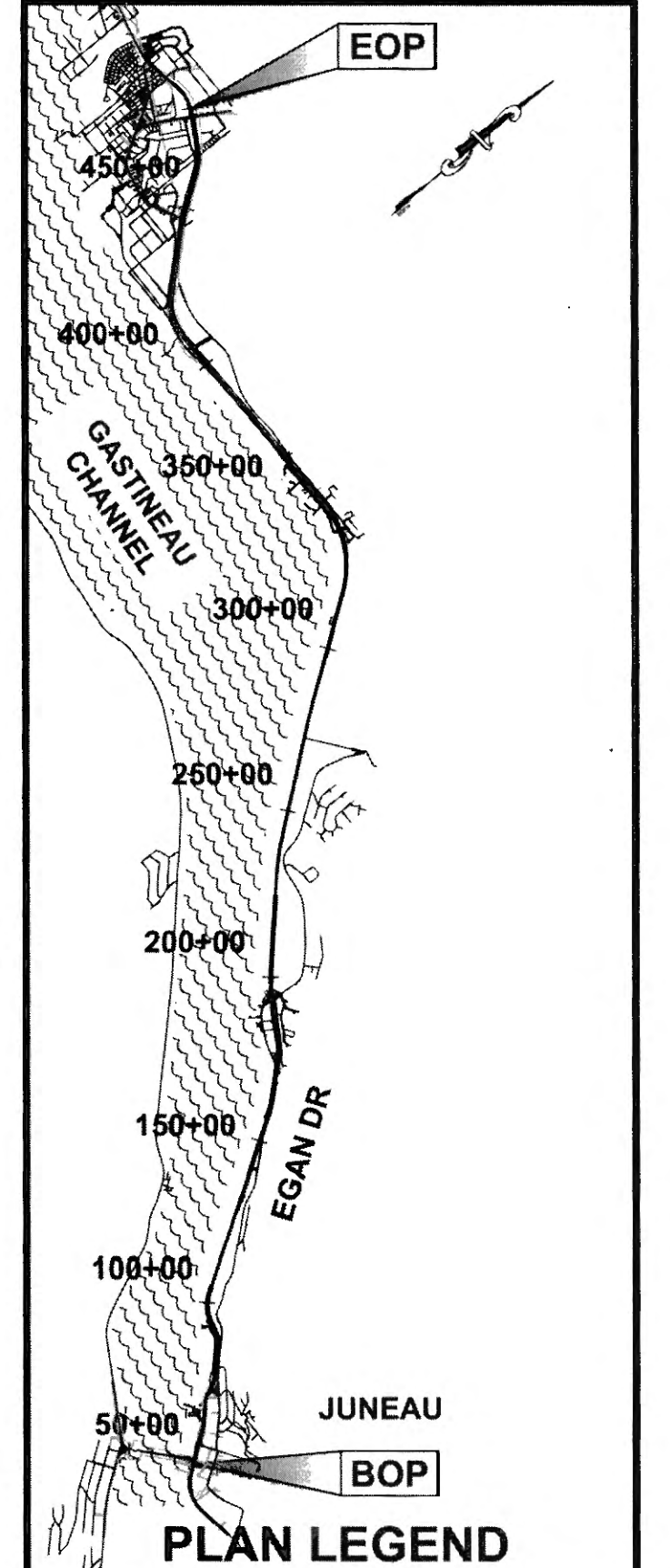
SIGN No.	STATION	OFFSET		CODE No.	LEGEND	SIZE	AREA S.F.	No. OF POSTS	TYPE	FACING TRAFFIC	REMARKS
		LT.	RT.								
S3	308+00		57.3'	E4-12	Glacier Hwy Access Road ↗	66" x 210" 48" x 165"	96.25	1	OVERHEAD	NB	REUSE EXISTING SIGN POST <i>Reused Existing sign. New sign at 210" wide extended into shoulder.</i>
S4	312+00		60.2'	E5-1	EXIT ↗	60" x 60"	25.00	1	2 1/2" PST	NB	REUSE EXISTING SIGN POST
S1	294+50		59.0'	E1-2A	Glacier Hwy Access Road EXIT 1/4 MILE	66" x 150"	68.75	2	6 X 8 W	NB	REUSE EXISTING SIGN POST
S2	304+00	69.3'		R2-1	SPEED LIMIT 55	36" x 48"	12.00	0		SB	MOUNT SIGN TO LIGHT POLE
S5	316+00	57.5'		W4-1	MERGE ARROW	48" x 48"	16.00	0		SB	MOUNT SIGN TO LIGHT POLE
S6	326+00		55.5'	W4-1	MERGE ARROW	48" x 48"	16.00	1	2 1/2" PST	NB	REUSE EXISTING SIGN POST
S7	329+00	54.2'		E5-1	EXIT ↗	60" x 60"	25.00	1	2 1/2" PST	SB	REUSE EXISTING SIGN POST
S8	336+00	57.3'		E4-12	Glacier Hwy Access Road ↗	66" x 210" 48" x 165"	96.25	1	OVERHEAD	SB	REUSE EXISTING SIGN POST <i>Reused Existing sign. New sign at 210" wide extended into shoulder.</i>
S9	342+50		57.3'	R2-1	SPEED LIMIT 55	36" x 48"	12.00	0		NB	MOUNT SIGN TO LIGHT POLE
S10	349+50		59.0'	E1-2A	Glacier Hwy Access Road EXIT 1/4 MILE	66" x 150"	68.75	2	6 X 8 W	SB	REUSE EXISTING SIGN POST

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 2/21/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP  7/24/2015		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 SIGN SUMMARIES	
DESIGNED BY: CT, CI, NG, TF DRAWN BY: RG, NG, TF		PATH: Q:\UNU\68129\PLANS\SET68129_H11-H15_SIGN SUMS.DWG TAB: H15 Tuesday, July 21, 2015 8:33:08 AM KELLY, RYAN (DOT)	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION NH-0932(049)-68129	YEAR SHEET NO. TOTAL SHEETS 2015 H15 H15

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



LEGEND

ABBREVIATIONS:

AFG	ABOVE FINISHED GRADE
HDG	HOT-DIPPED GALVANIZED
OHE	OVERHEAD ELECTRICAL
PVC	POLYVINYL CHLORIDE CONDUIT
RSC	RIGID STEEL CONDUIT
UGE	UNDERGROUND ELECTRICAL
UON	UNLESS OTHERWISE NOTED
XFMR	TRANSFORMER

SHEET NOTE SYMBOLS

Ⓔ	EXISTING TO REMAIN
Ⓐ	NEW
Ⓡ	RELOCATE EXISTING
ⓧ	REMOVE EXISTING

POWER:

⦿	PUSH BUTTON
---	-------------

LIGHTING:

□	EXTERIOR POLE MOUNTED LUMINAIRE
---	---------------------------------

SERVICE EQUIPMENT:

Ⓜ	HANDHOLE
Ⓥ	VAULT
Ⓣ	TRANSFORMER
▬	PANELBOARD
○	UTILITY POLE

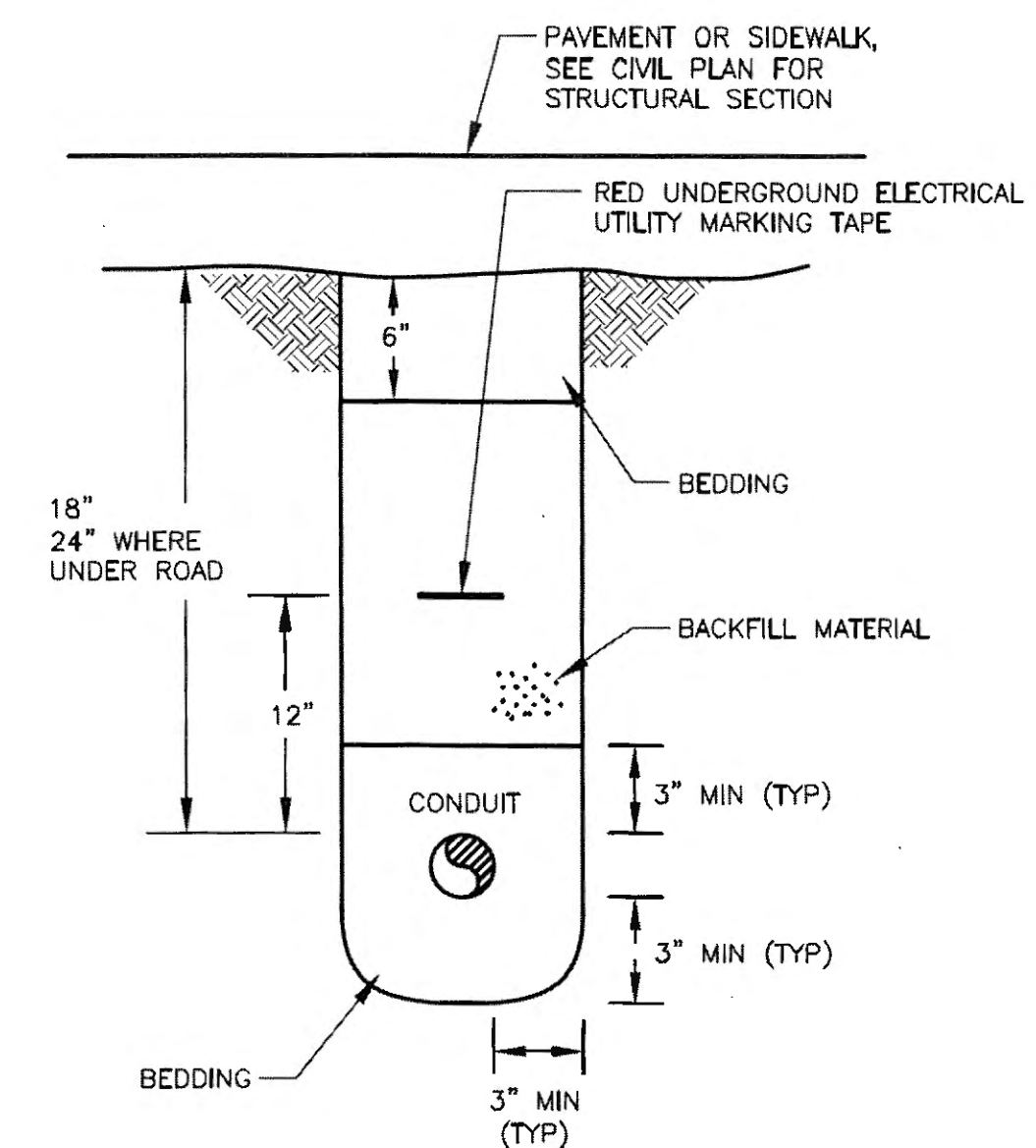
CONDUIT & CONDUCTORS:

-- UGE -- UNDERGROUND ELECTRICAL CIRCUITS

PROJECT NOTES:

- REFERENCE ALASKA DOT STANDARD DRAWINGS: T-30.11, T-31.00, T-34.01, T-40.00.

TRAFFIC SIGNAL POLE LIST					
POLE	LOCATION	SHEET(S)	STATION	OFFSET	DESCRIPTION
P1	EGAN & GLACIER HIGHWAY	K2 & K4	438+54.17	59.33' LT	RELOCATED POLE, CONTAINS ONE PEDESTRIAN PUSH BUTTON, AND ONE WALK/STOP PEDESTRIAN SIGNAL LIGHT.
P2	EGAN & GLACIER HIGHWAY	K4	437+96.54	60.63' LT	NEW POLE, SHALL CONTAIN TWO RELOCATED PEDESTRIAN PUSH BUTTONS, AND TWO RELOCATED WALK/STOP PEDESTRIAN SIGNAL LIGHTS.
P3	EGAN & MENDENHALL LOOP	K3 & K5	468+79.92	49.56' RT	RELOCATED POLE, CONTAINS TWO PEDESTRIAN PUSH BUTTONS, AND TWO WALK/STOP PEDESTRIAN SIGNAL LIGHTS, AND TWO TRAFFIC LIGHTS.
P4	EGAN & MENDENHALL LOOP	K5	469+55.25	79.93' LT	NEW POLE, SHALL CONTAIN TWO RELOCATED PEDESTRIAN PUSH BUTTONS, AND TWO RELOCATED WALK/STOP PEDESTRIAN SIGNAL LIGHTS.



NOTE:
1. PROVIDE AND COMPACT BEDDING & BACKFILL PER SPECIFICATIONS.

DETAIL - TRENCH

NO SCALE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Smith* Date 2/20/20

CHECKED BY: BCH



DESIGNED BY: BCH / KHD

DRAWN BY: REJ / PEL

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

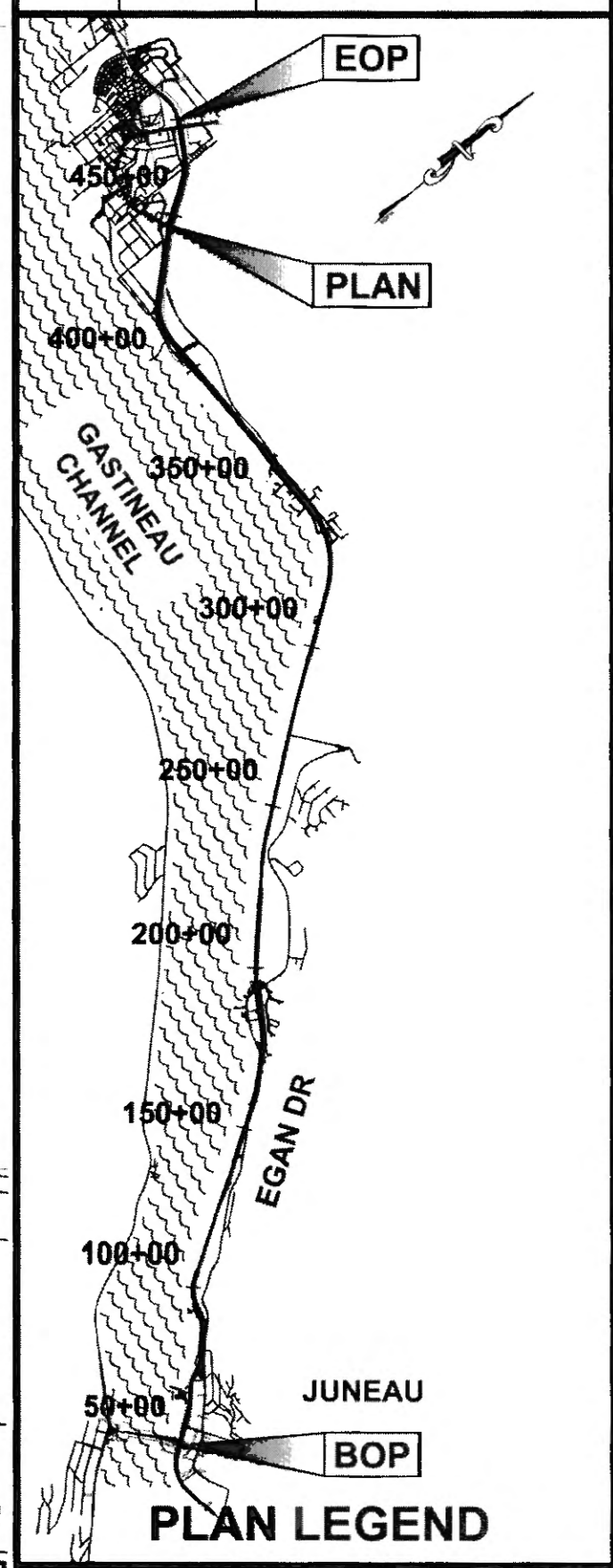
JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

LEGEND & DETAILS

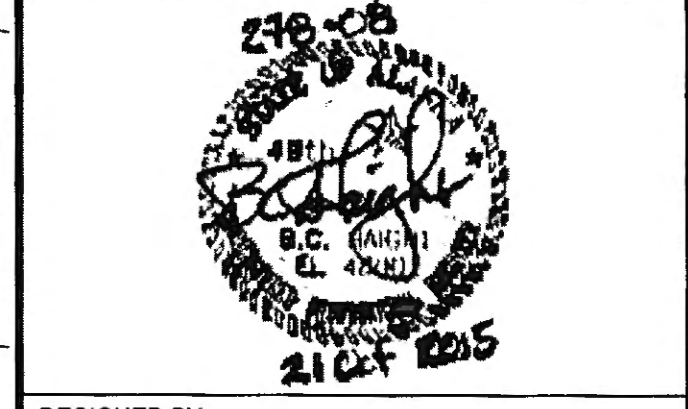
PROJECT DESIGNATION	
NH-0932(049)~68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
K1	K5

- NOTES:
1. ALL SHOWN ELECTRICAL, TELE COMM. AND LIGHTING ITEMS, CONDUITS, AND CONDUCTORS SHALL REMAIN. UON.
 2. ALL LOOP DETECTORS SHALL REMAIN.
 3. ALL LOOP DETECTOR CABLES SHALL REMAIN.
 4. ALL ABANDONED CABLES DISCOVERED DURING CONSTRUCTION SHALL BE REMOVED.
 5. CONDUITS SHALL BE REPLACED IF DAMAGED DURING CONSTRUCTION.
 6. CABLES SHALL BE REPLACED IF DAMAGED DURING CONSTRUCTION.
 7. EXISTING FOUNDATIONS FOR RELOCATED POLES SHALL BE REMOVED.

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: BCH



DESIGNED BY: BCH / KHD
 DRAWN BY: REJ / PEL

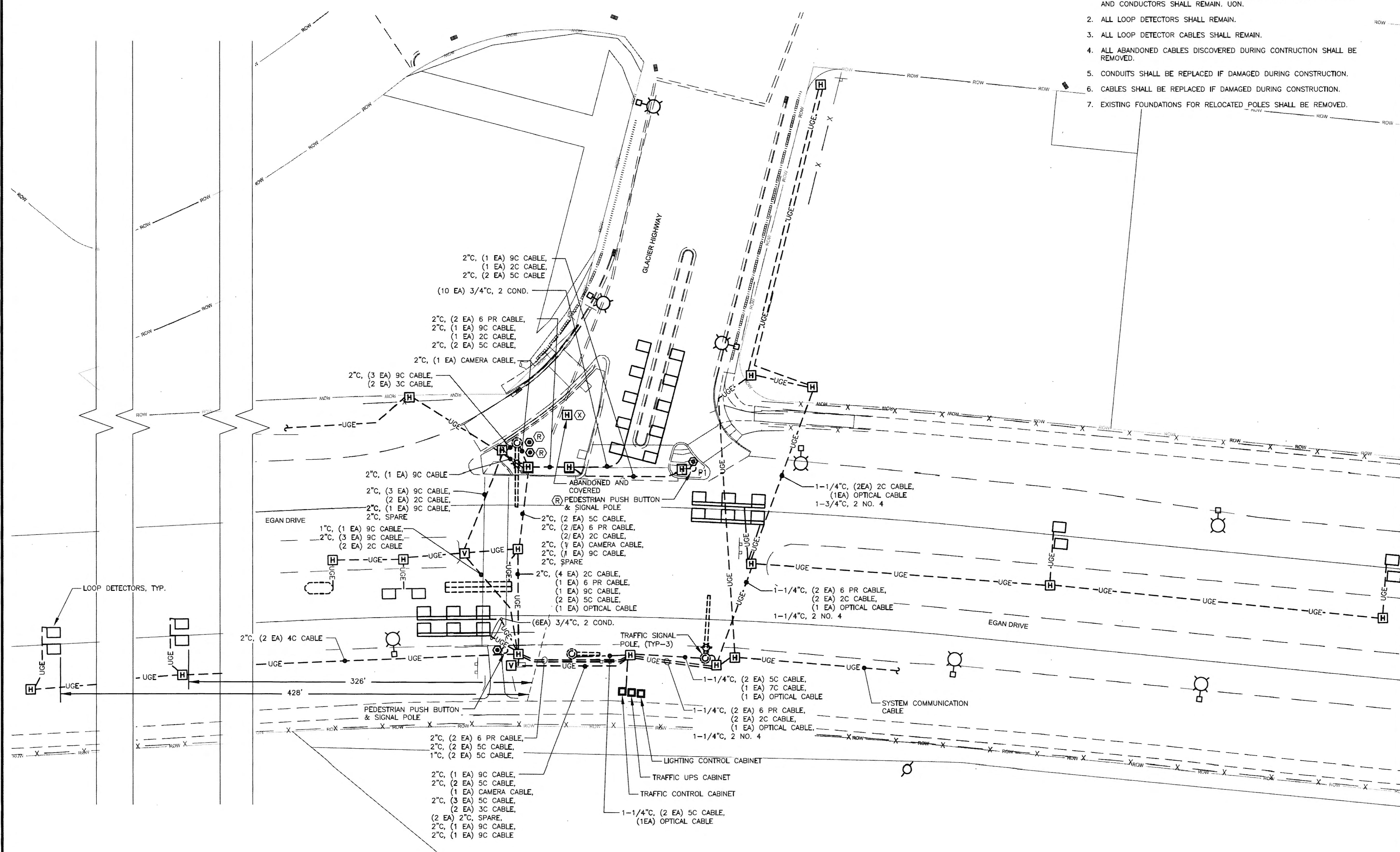
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHWEST REGION

JNU-EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

**GLACIER HWY/EGAN
 PEDESTRIAN SIGNAL
 POLE EXISTING PLAN**

PROJECT DESIGNATION	
NH-0932(049)-68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
K2	K5

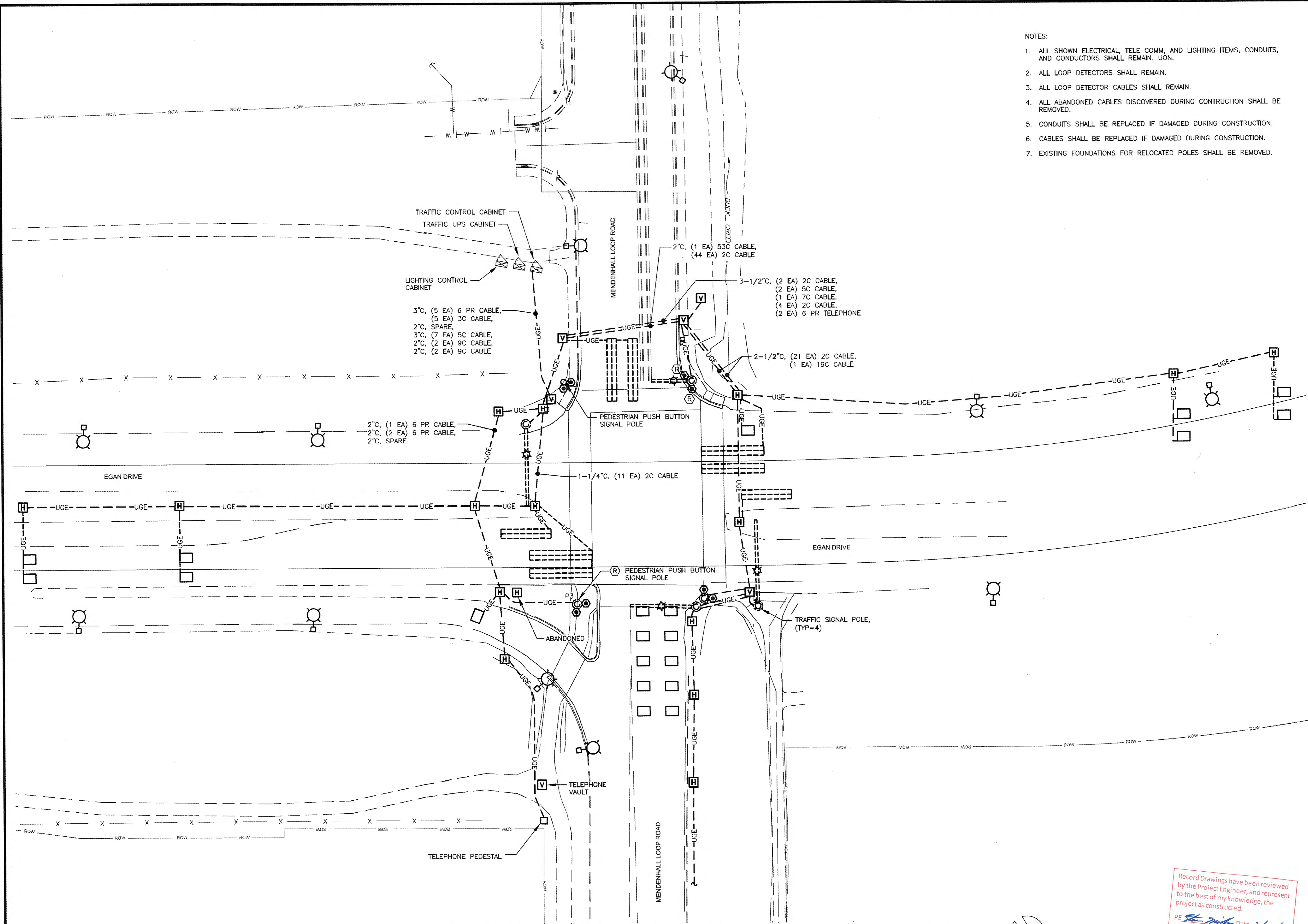
Record Drawings have been reviewed
 by the Project Engineer, and represent
 to the best of my knowledge, the
 project as constructed.
 PE *Steve Smith* Date *2/20/10*



GLACIER HWY / EGAN DRIVE- EXISTING

SCALE: 0 15' 30' 60'



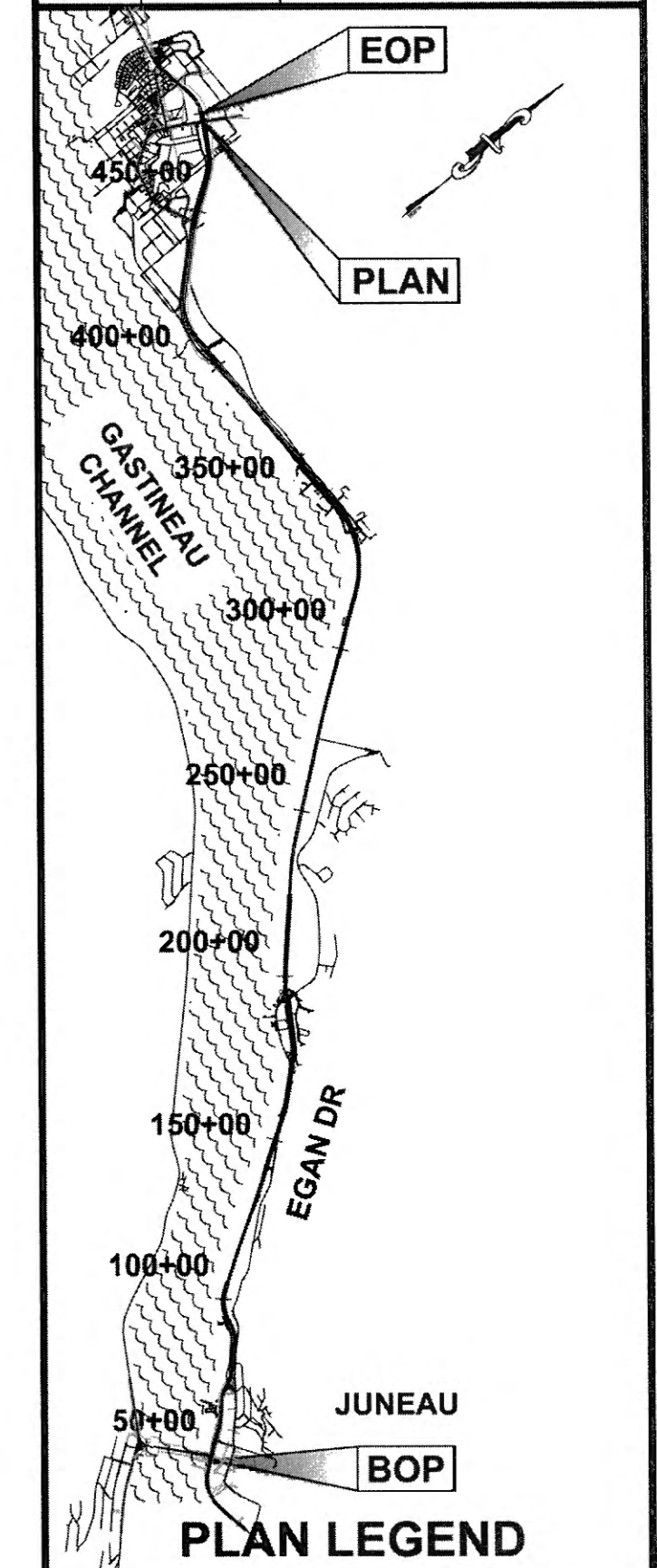


- NOTES:
1. ALL SHOWN ELECTRICAL, TELE COMM, AND LIGHTING ITEMS, CONDUITS, AND CONDUCTORS SHALL REMAIN. UON.
 2. ALL LOOP DETECTORS SHALL REMAIN.
 3. ALL LOOP DETECTOR CABLES SHALL REMAIN.
 4. ALL ABANDONED CABLES DISCOVERED DURING CONSTRUCTION SHALL BE REMOVED.
 5. CONDUITS SHALL BE REPLACED IF DAMAGED DURING CONSTRUCTION.
 6. CABLES SHALL BE REPLACED IF DAMAGED DURING CONSTRUCTION.
 7. EXISTING FOUNDATIONS FOR RELOCATED POLES SHALL BE REMOVED.

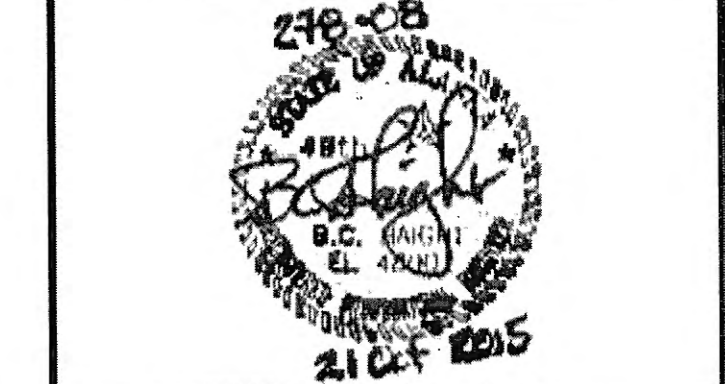
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 KYLE DRAPEAUX
 TAB: K3 Wednesday, October 21, 2015 12:12:03 PM

ADDENDUM NUMBER
 ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: BCH



DESIGNED BY: BCH / KHD
 DRAWN BY: REJ / PEL

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOST REGION

JNU-EGAN DRIVE PAVEMENT
 REHABILITATION 10TH ST. TO
 MENDENHALL LOOP ROAD
 PROJECT #68129

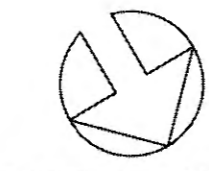
**MENDENHALL LOOP
 PEDESTRIAN SIGNAL
 POLE EXISTING PLAN**

PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
K3	K5

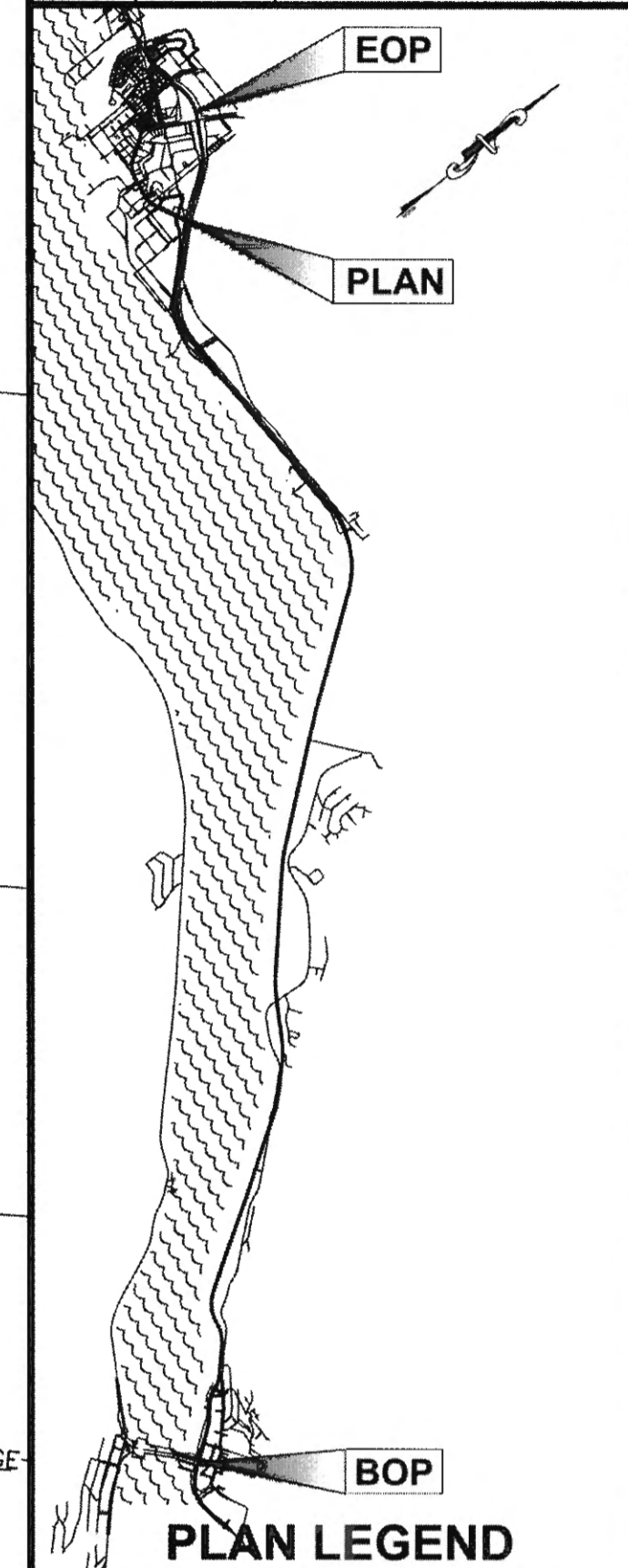
MENDENHALL LOOP ROAD / EGAN DRIVE - EXISTING

SCALE: 0 15' 30' 60'

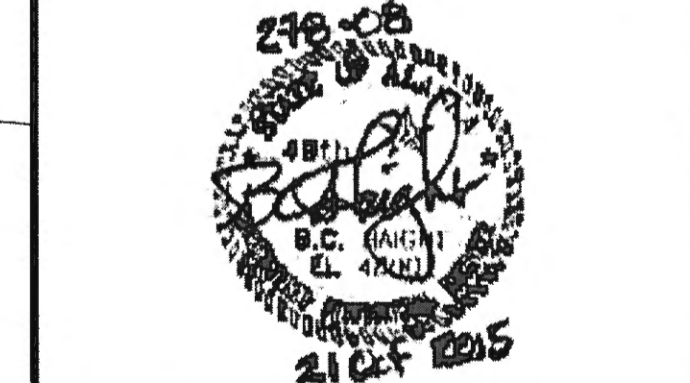


Record Drawings have been reviewed
 by the Project Engineer, and represent
 to the best of my knowledge, the
 project as constructed.
 PE *Steve Mink* Date 2/20/20

No.	DATE	DESCRIPTION



CHECKED BY: BCH



DESIGNED BY: BCH / KHD

DRAWN BY: REJ / PEL

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

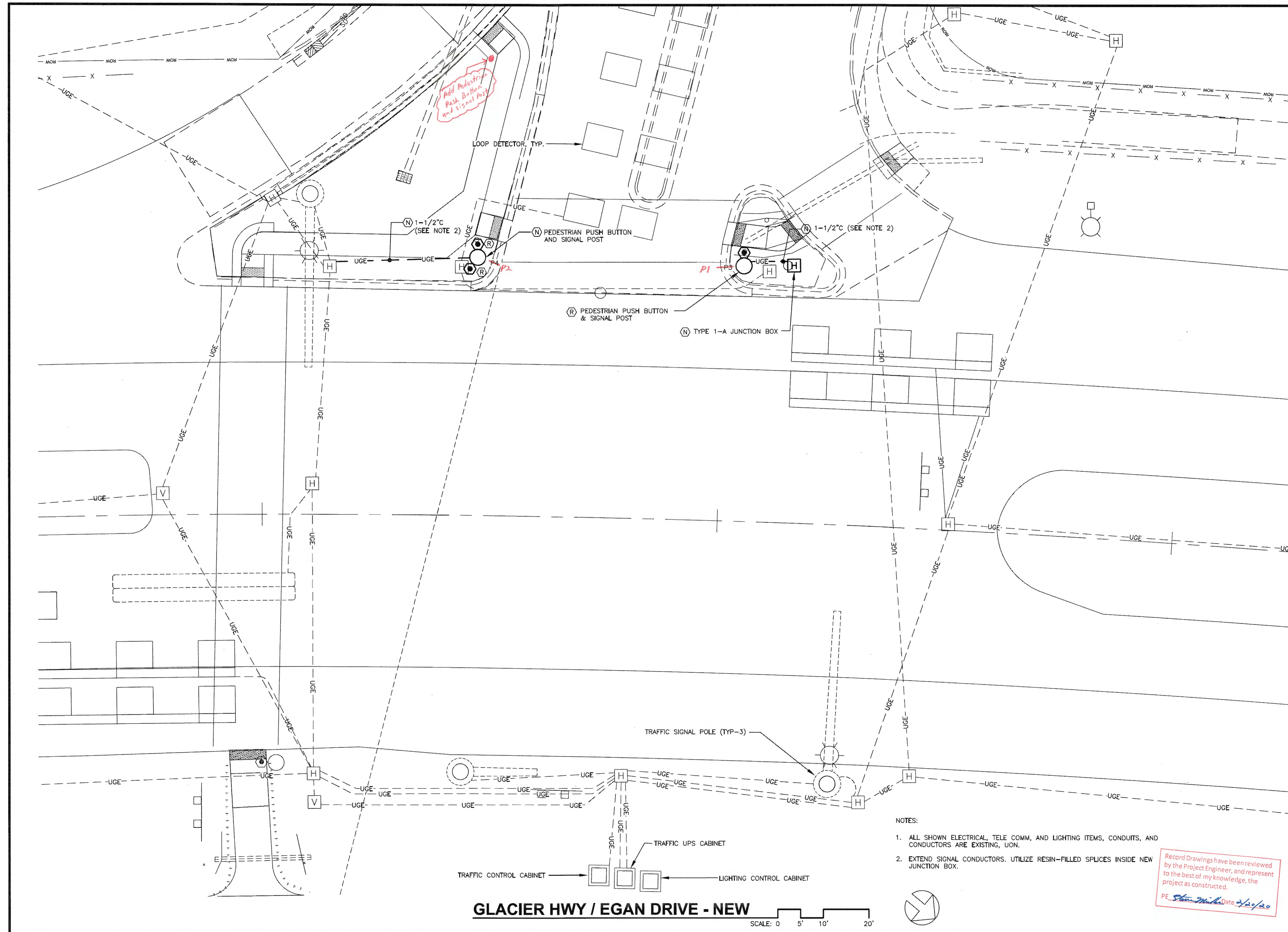
JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
 PROJECT #68129

GLACIER HWY/EGAN PEDESTRIAN SIGNAL POLE RELOCATION PLAN

PROJECT DESIGNATION
NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
K4	K5

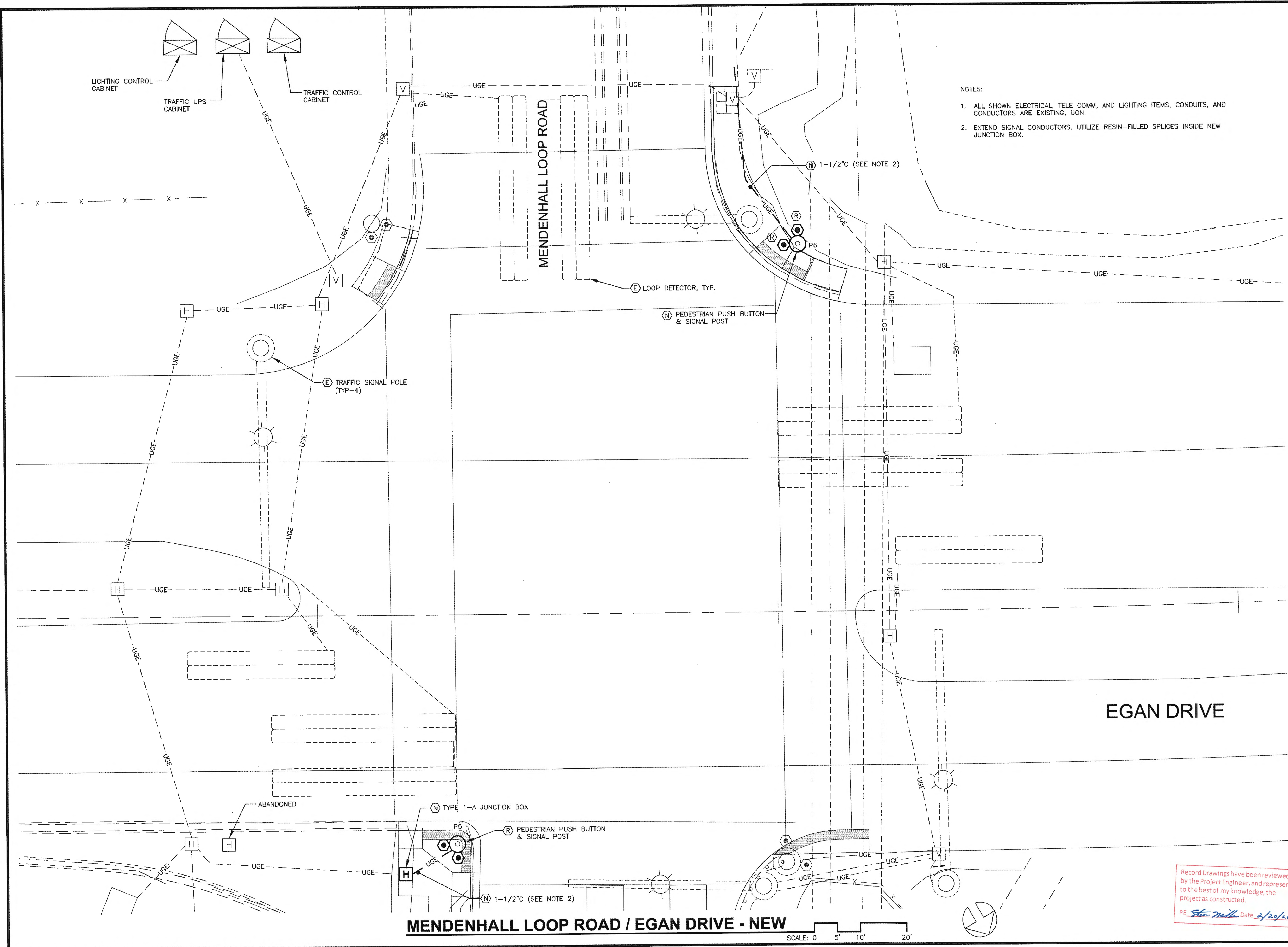


- NOTES:
- ALL SHOWN ELECTRICAL, TELE COMM, AND LIGHTING ITEMS, CONDUITS, AND CONDUCTORS ARE EXISTING, UON.
 - EXTEND SIGNAL CONDUCTORS. UTILIZE RESIN-FILLED SPLICES INSIDE NEW JUNCTION BOX.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Steve Mikes* Date: *10/20/2015*

GLACIER HWY / EGAN DRIVE - NEW

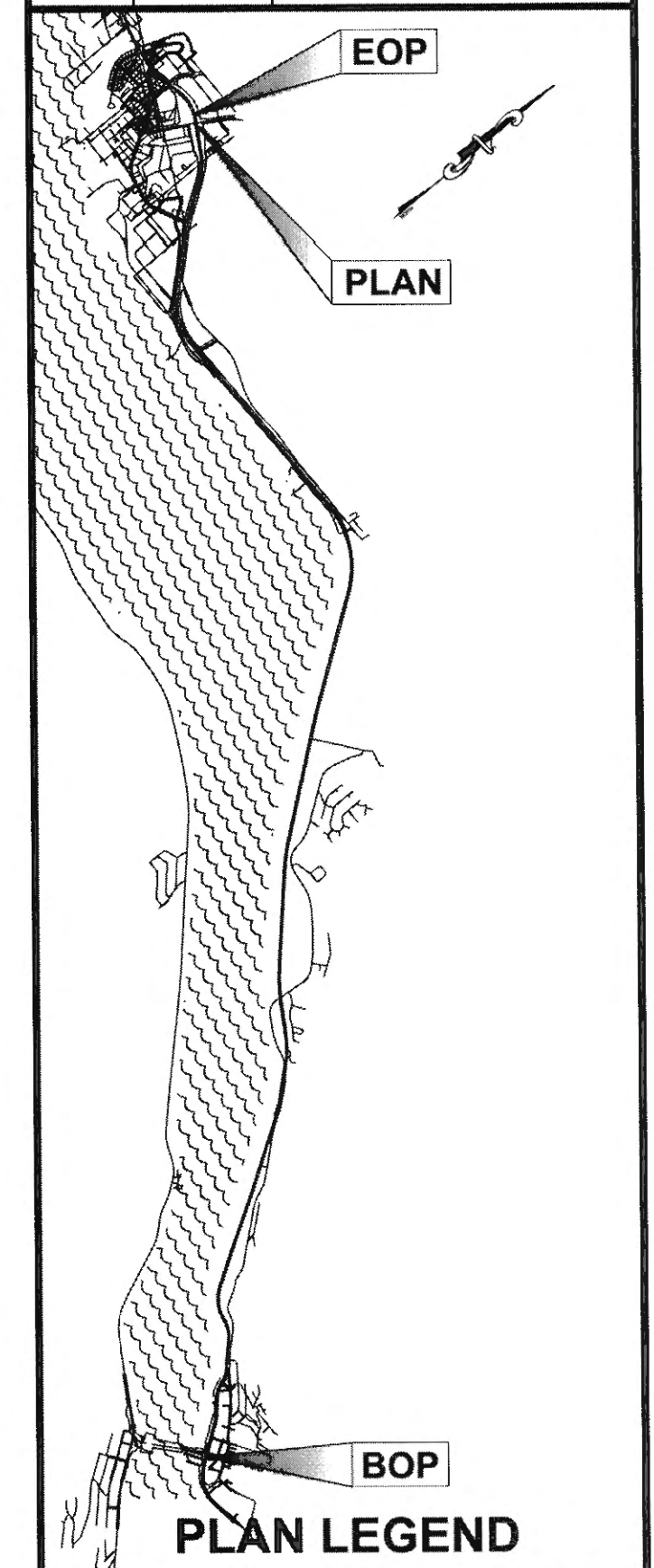
SCALE: 0 5' 10' 20'



- NOTES:
1. ALL SHOWN ELECTRICAL, TELE COMM, AND LIGHTING ITEMS, CONDUITS, AND CONDUCTORS ARE EXISTING, UON.
 2. EXTEND SIGNAL CONDUCTORS. UTILIZE RESIN-FILLED SPLICES INSIDE NEW JUNCTION BOX.

PATH: F:\PROJECTS\278 R&M CONSULTANTS INC\08 - JNU-EGAN PAVEMENT REHABILITATION\DRAWINGS\WORKING\K4-K5_ELECTRICAL.DWG
 KYLE DRAPEAUX
 TAB: K5 Wednesday, October 21, 2015 12:12:59 PM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: BCH

DESIGNED BY: BCH / KHD
 DRAWN BY: REJ / PEL
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOAST REGION

JNU-EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129
MENDENHALL LOOP PEDESTRIAN SIGNAL POLE RELOCATION PLAN

PROJECT DESIGNATION	
NH-0932(049)-68129	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
K5	K5

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stan Math* Date *2/20/20*

MENDENHALL LOOP ROAD / EGAN DRIVE - NEW
 SCALE: 0 5' 10' 20'

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68129	2014		

GENERAL NOTES

DESIGN:.....AASHTO Standard Specifications for Highway Bridges, 17th Edition, 2002, with latest Interim Specifications.

LIVE LOAD:.....See "AS-BUILT DRAWINGS"

REINFORCEMENT:.....ASTM A706, Grade 60, Fy = 60,000 psi

CONCRETE:.....Class A Concrete unless otherwise noted, f'c = 4000 psi

STRUCTURAL STEEL:.....ASTM A709, Grade 50T3. Fy = 50,000 psi. unless otherwise noted. Galvanize all structural steel in accordance with AASHTO M111 and M232 unless otherwise noted.

Verify all controlling field dimensions before ordering or fabricating any material. "As-Built" drawings, fabrication shop drawings or other documentation for the existing bridges note significant changes from the original contract plans but do not necessarily show normal construction tolerances and variances. These documents are for informational use only and the Department neither warrants nor represents that these documents accurately depict the configuration of the existing bridges. Where dimensions of the proposed work in this Contract are dependent on the dimensions of the existing bridge, adjust dimensions of the work to fit existing conditions.

BRIDGE BASIS OF ESTIMATE						
ITEM NO.	ITEM	PAY UNIT	ESTIMATING UNIT	LEMON CREEK NB #1197	LEMON CREEK SB #1863	TOTAL
507(7)	Steel Bridge Railing Replacement	LF	LF	362.5	362.5	725
508(1)	Waterproofing Membrane	LS	SY	798	798	1596
606(16)	Transition Rail	EA	EA	4	4	8

Item numbers are for reference only. Quantities shown are not necessarily the pay quantities nor the total quantity of the particular item.

ABBREVIATIONS

- ± = Approximate Dimension, verify controlling field dimensions.
- F = degrees Fahrenheit
- CL = Centerline
- Pl = Plate
- & = and
- @ = at
- Approx. = Approximate
- Abut. = Abutment
- bot. = bottom
- Br. = Bridge
- btwn. = between
- Brg. = Bearings
- Clr. = Clear, Clearance
- CY = Cubic Yard
- Dia., Ø = diameter
- D.H.W. = Design High Water
- D.H.I. = Design High Ice
- Dwg. = Drawing
- EA, ea. = each
- e.f. = each face
- e.s. = each side
- Elev. = Elevation
- eq. = equally
- f.f. = far face
- ft. = feet
- Grdr. = Girder
- H.S. = High Strength
- Hwy. = Highway
- jnt. = joint
- LBS. = Pounds
- LF = Linear Feet
- Lt. = Left
- Max. = Maximum
- Min. = Minimum
- N.A. = Not Applicable
- n.f. = near face
- No. = Number
- O.H.W. = Ordinary High Water
- PVC = Point of Vertical Curve
- PVI = Point of Vertical Intersection
- PVT = Point of Vertical Tangent
- Req'd. = Required
- Rt. = Right
- Sht. = Sheet
- spc. = space, spaces, spaced
- Sta. = Station
- SY = Square Yard
- Symm. = Symmetric, Symmetrical
- Typ. = Typical
- vert. = vertical
- w/ = with

DESIGNED BY: Sara Manning
 CHECKED: Leslie Daugherty
 DRAWN BY: Ken Huse
 CHECKED: Sara Manning
 QUANTITIES BY: Sara Manning
 CHECKED: Leslie Daugherty

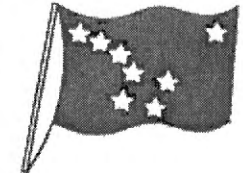
REHABILITATION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

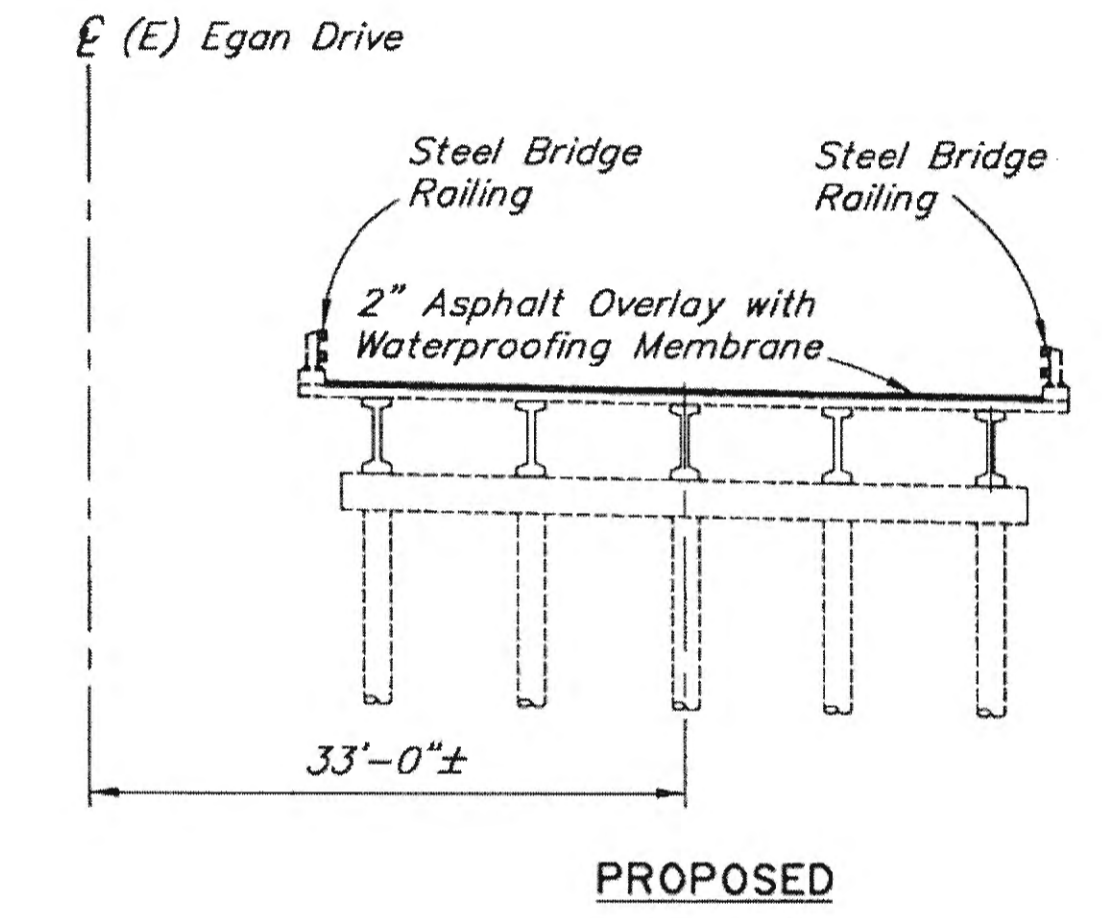
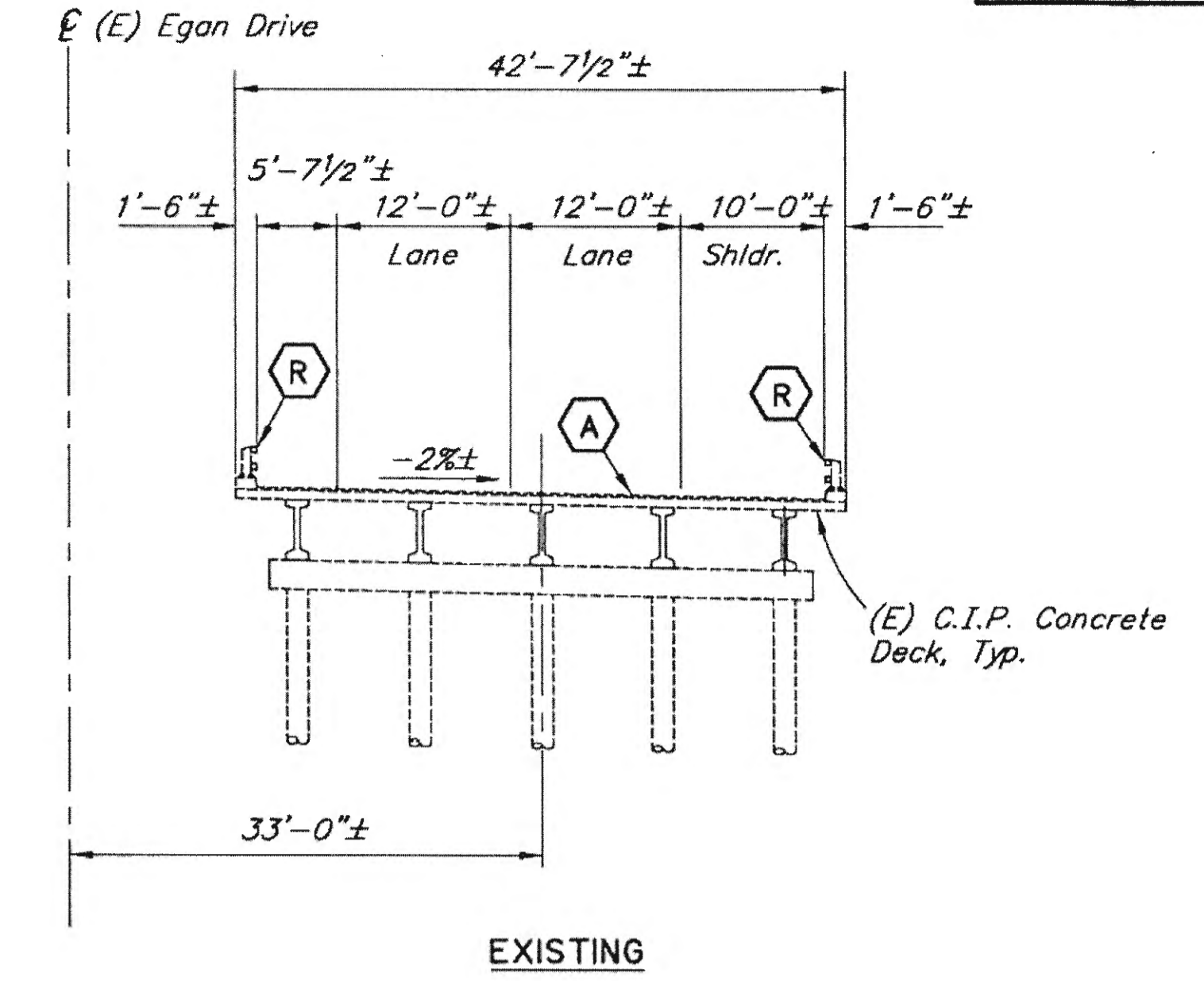
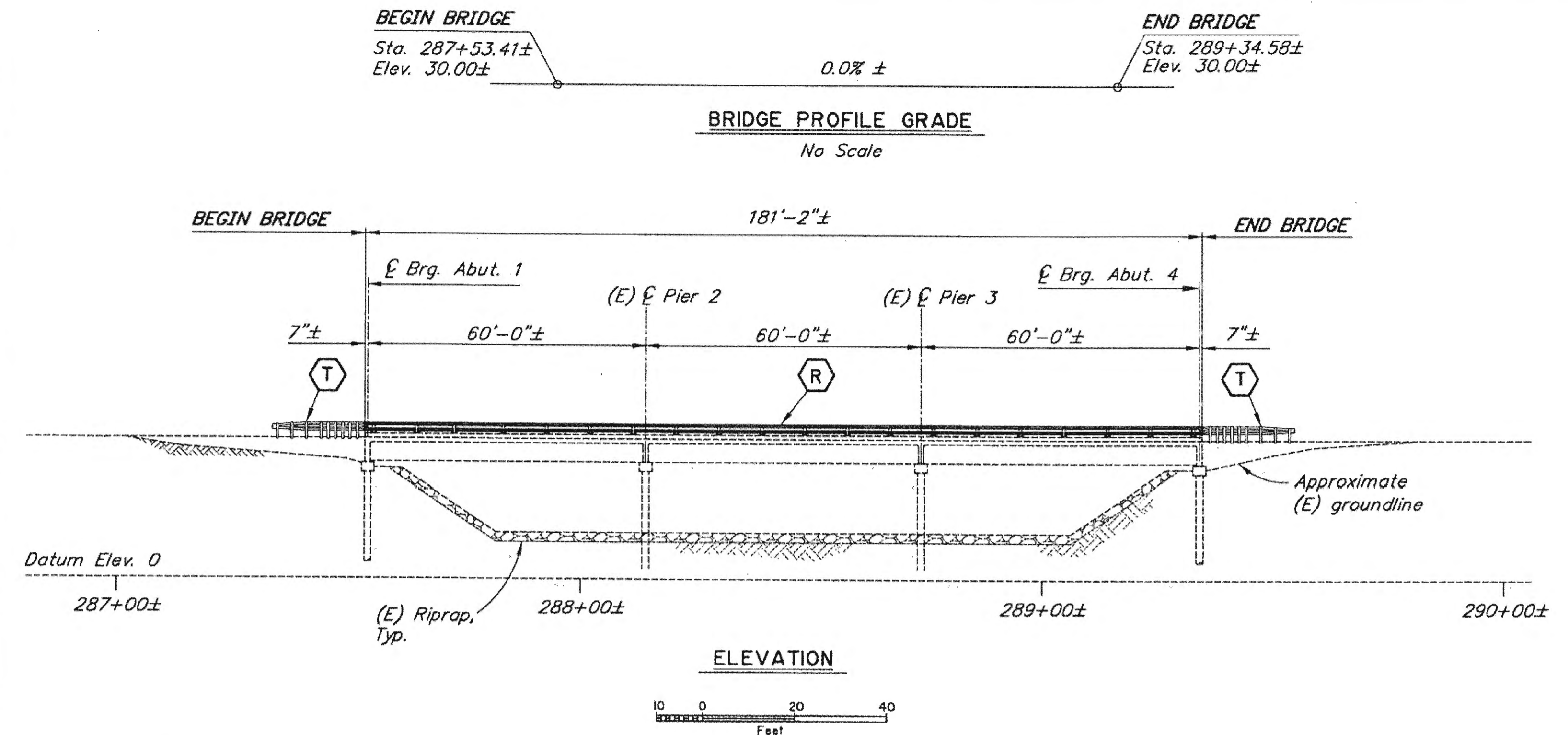


JUNEAU EGAN DRIVE PAVEMENT REHAB
 EGAN DRIVE
 GENERAL NOTES

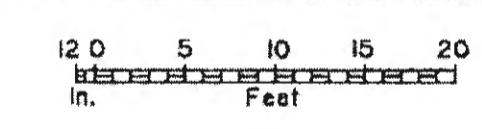
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: [Signature] Date: 2/20/14


 1197
 BRIDGE NO. 1863
 DWG. NO.

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68129	2014		

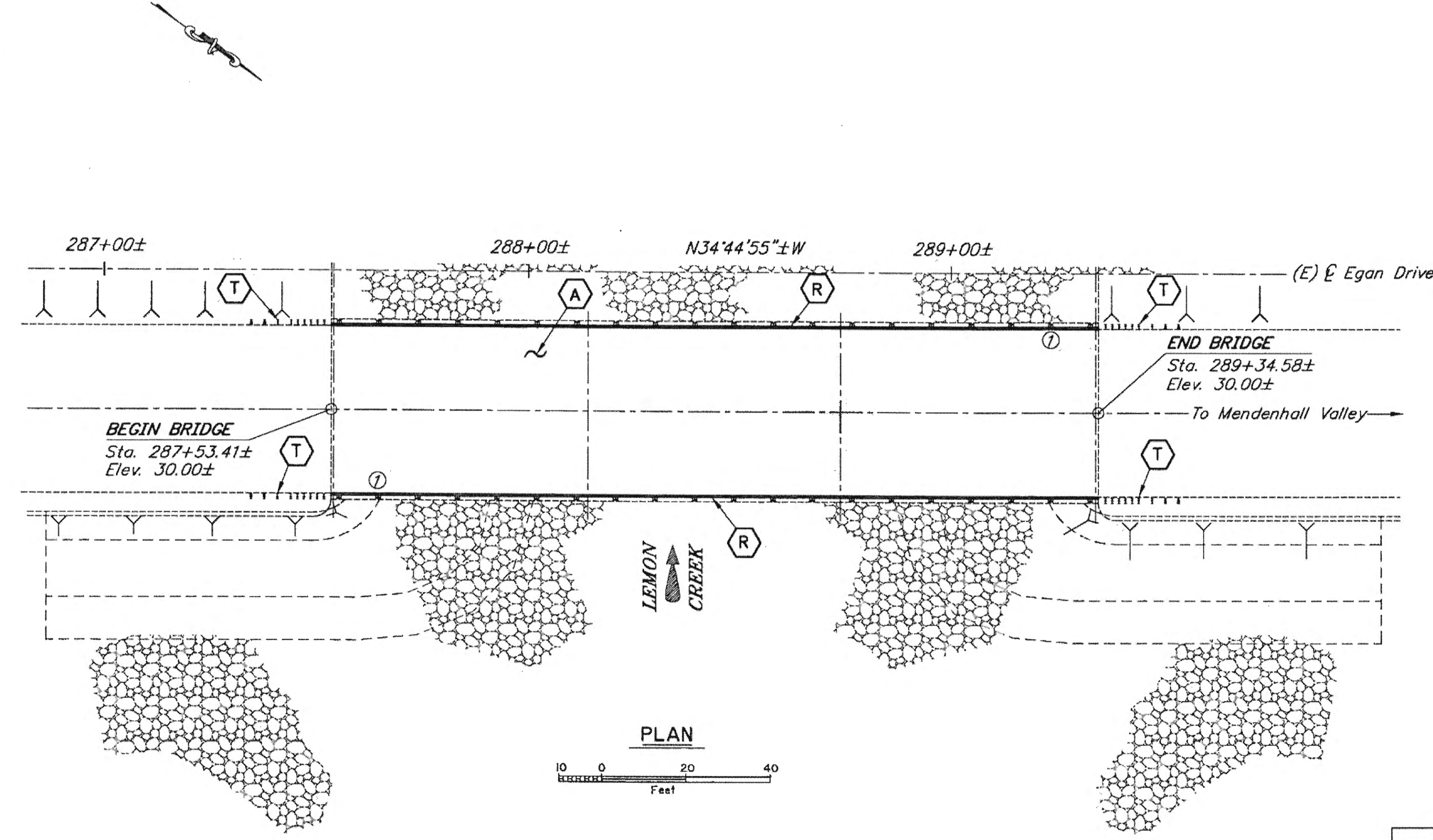


TYPICAL SECTIONS



LEGEND	
(A)	Replace 2"± of Asphalt
(R)	Replace Steel Bridge Railing Tubes
(T)	Replace Transition Rail

- NOTES:**
- (E) = Existing
 - = Existing
 - = Proposed
 - ① = Approximate location of Bridge Number Plate.
 - 2. Bridge Stations are approximate, and Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material. For Project Stations and Elevations see the Roadway Sheets.

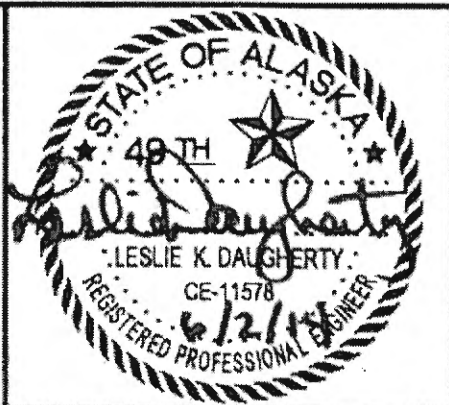


BRIDGE DRAWING INDEX	
TITLE	DWG. NO.
GENERAL LAYOUT	1
RAILING LAYOUT	2
BRIDGE RAILING TRANSITION	3

REHABILITATION

DESIGNED BY: Sara Manning	CHECKED: Leslie Daugherty	LAYOUT BY: Sara Manning	CHECKED BY: Leslie Daugherty
DRAWN BY: Ken Hulse	CHECKED: Sara Manning	SPECIFICATIONS BY: Sara Manning	P, S & E COMPARED: Leslie Daugherty
QUANTITIES BY: Sara Manning	CHECKED: Leslie Daugherty	APPROVAL RECOMMENDED BY: Richard Pratt	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

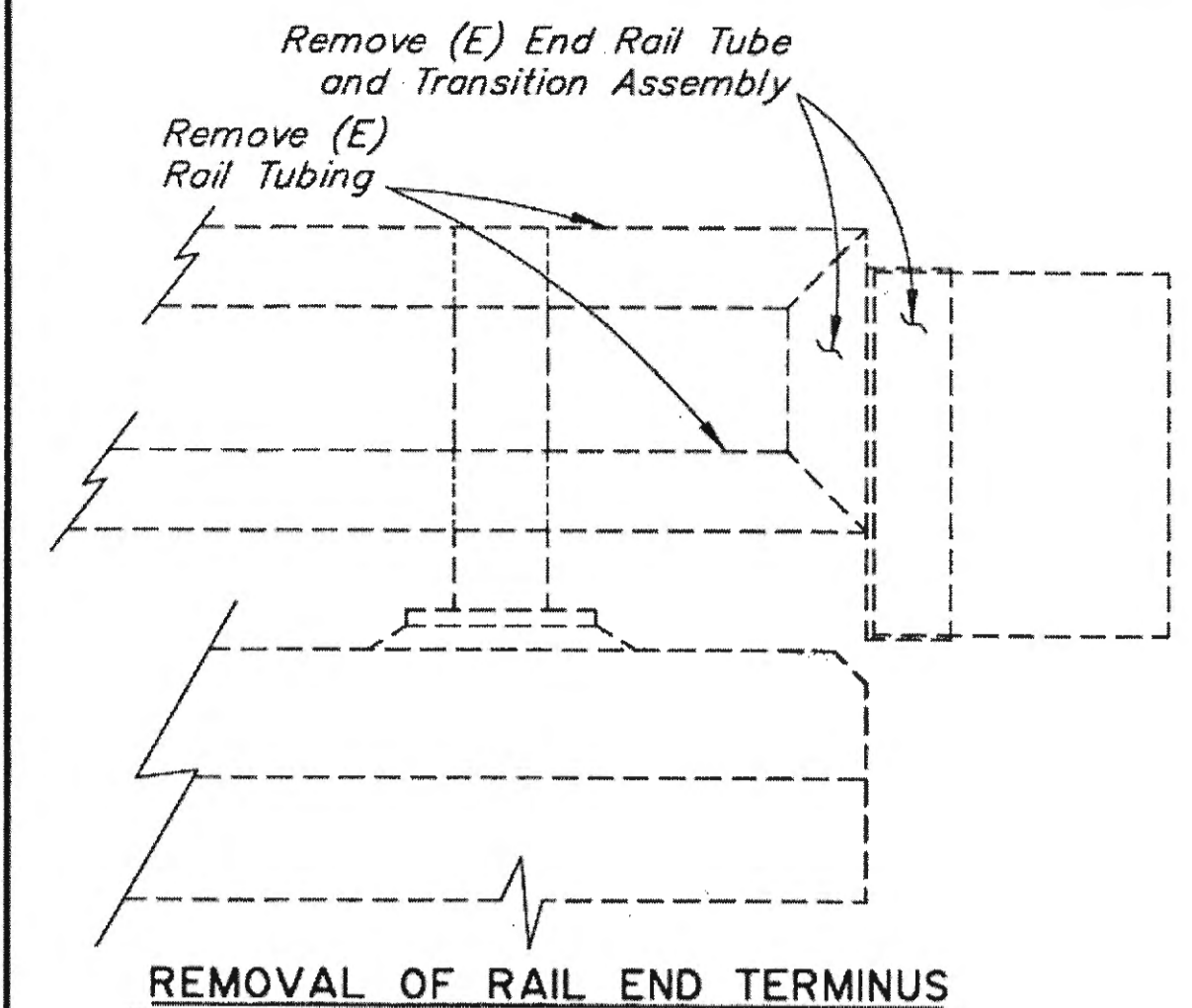


LEMON CREEK - N.B. BRIDGE
EGAN DRIVE
GENERAL LAYOUT

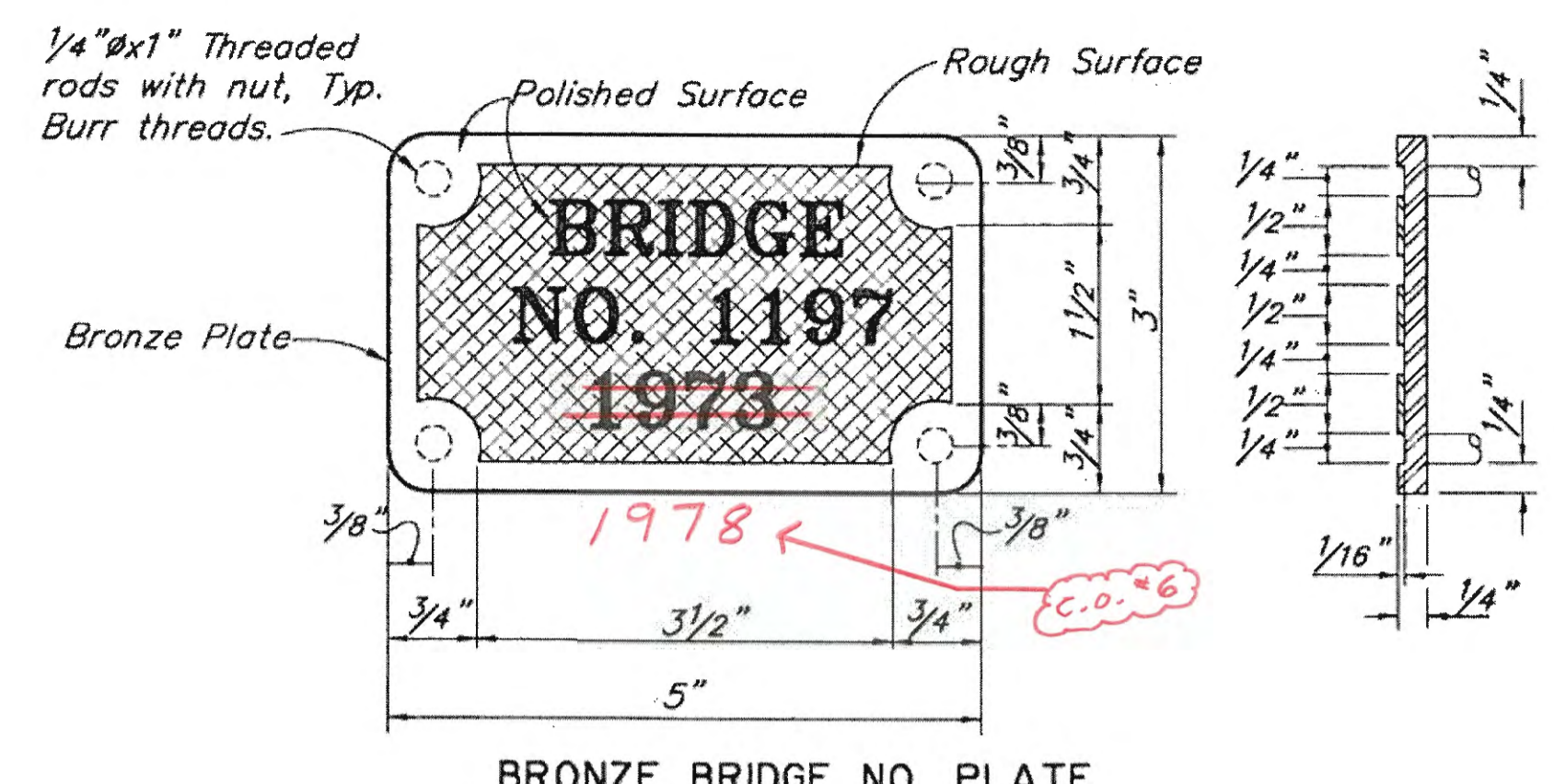
BRIDGE NO. 1197
DWG. NO. 1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the projects constructed.
P.E. Sara Manning Date 2/10/20

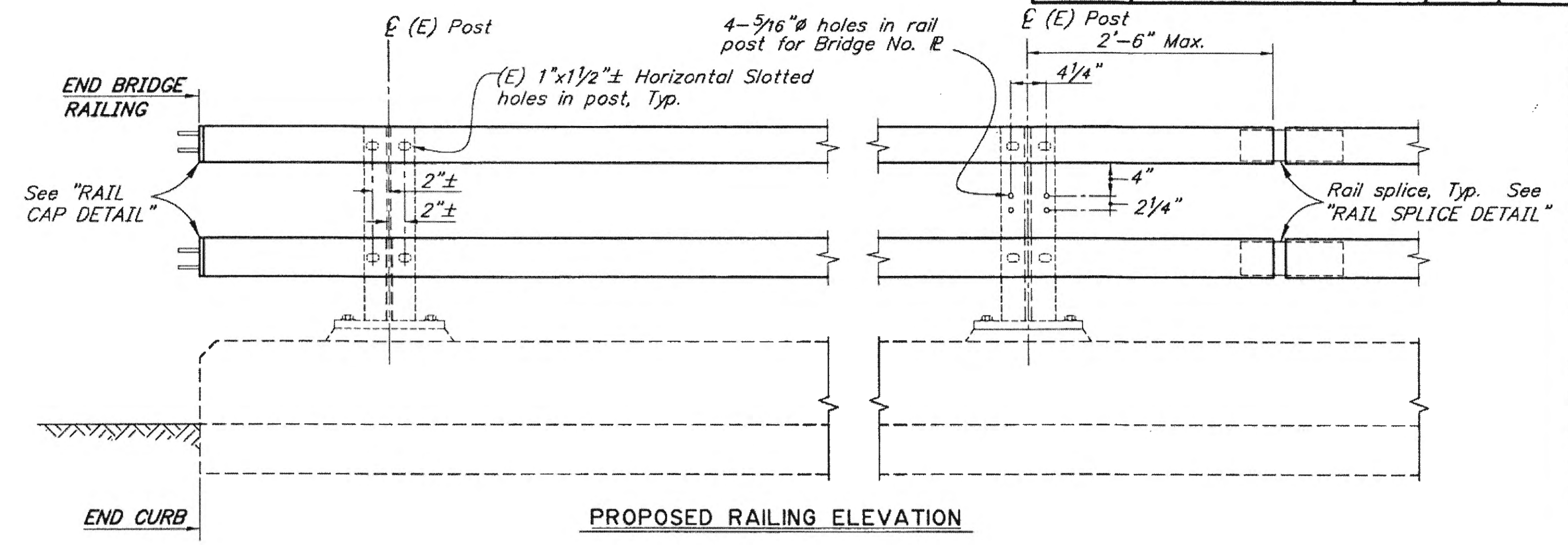
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68129	2014		



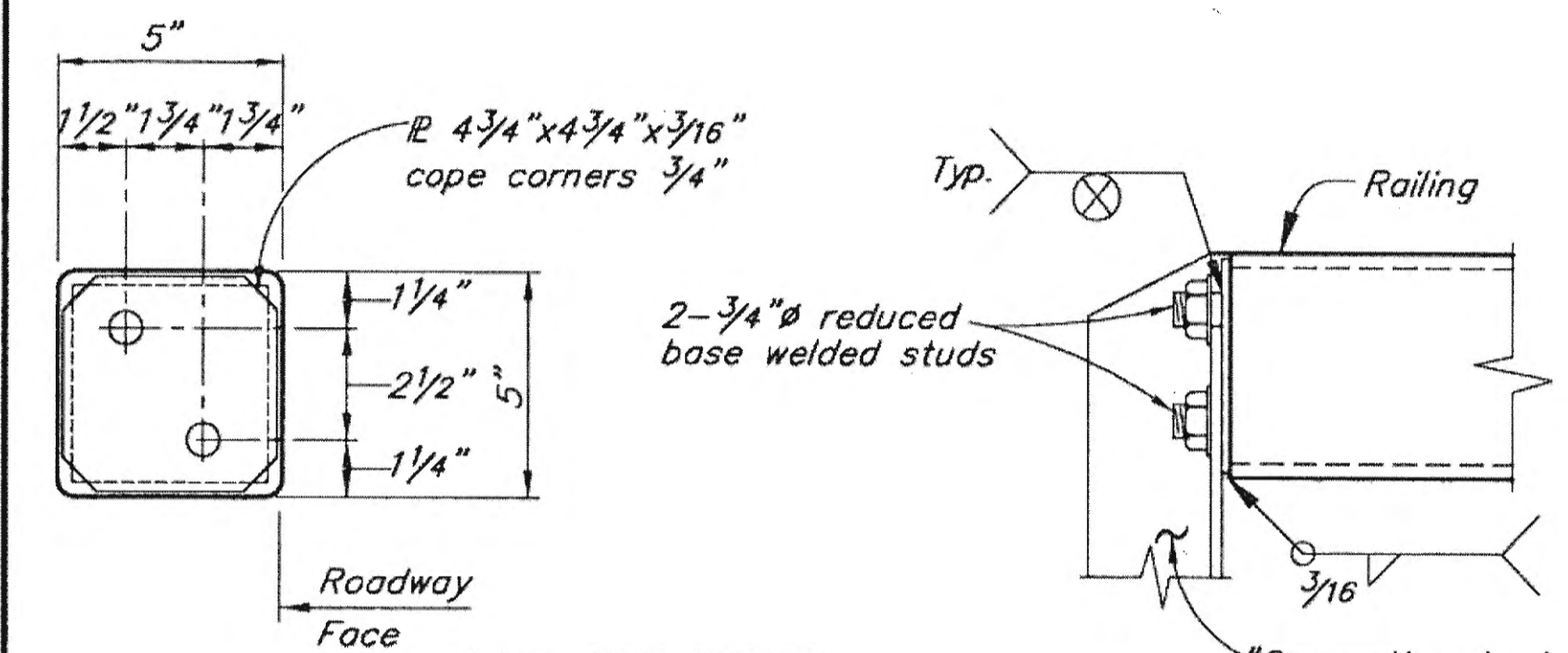
REMOVAL OF RAIL END TERMINUS



BRONZE BRIDGE NO. PLATE
No Scale



PROPOSED RAILING ELEVATION



RAIL CAP DETAIL

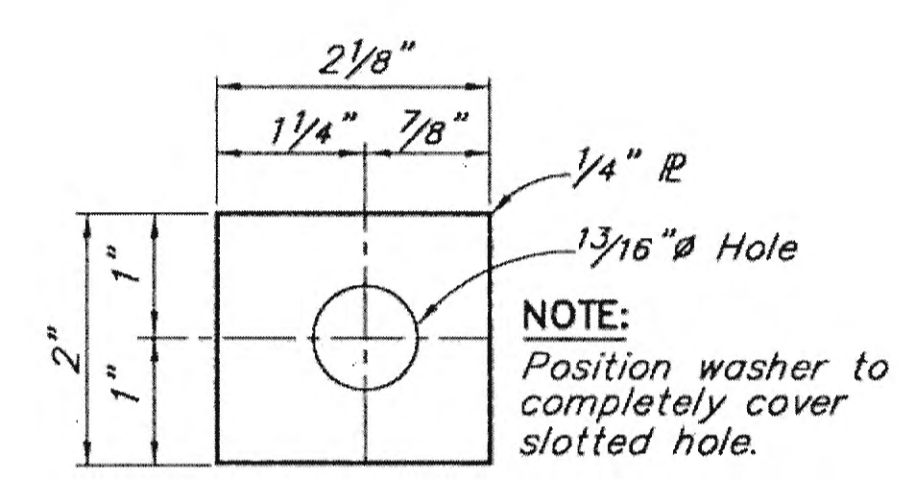
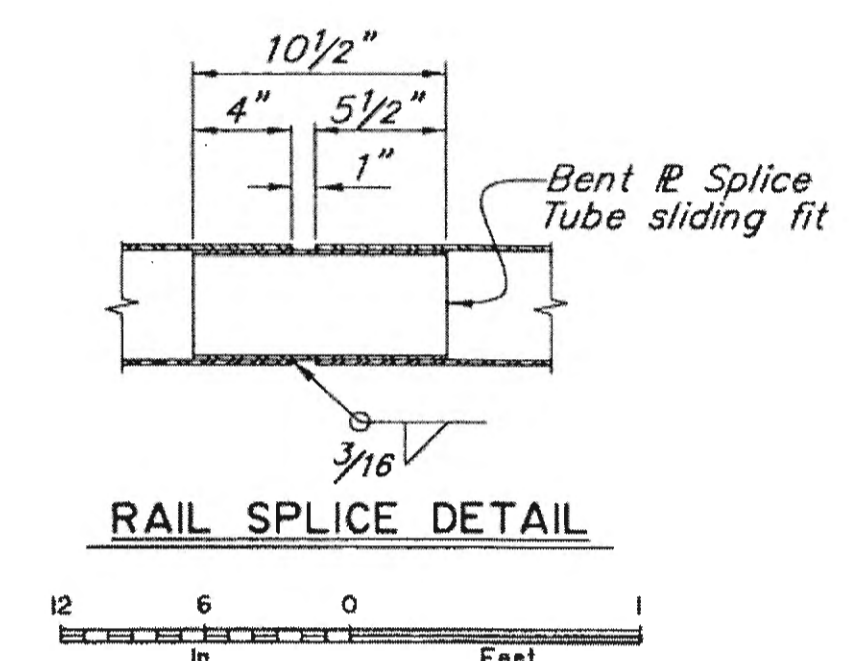
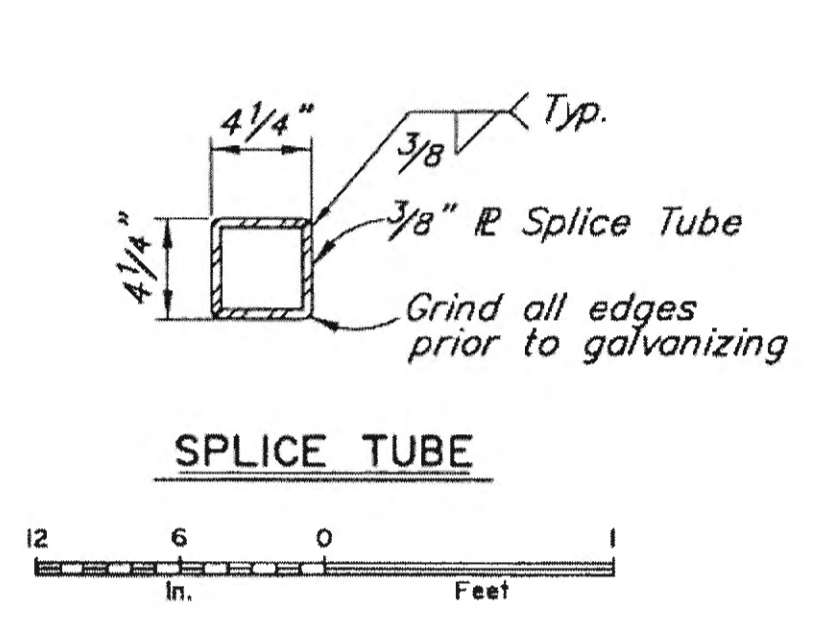


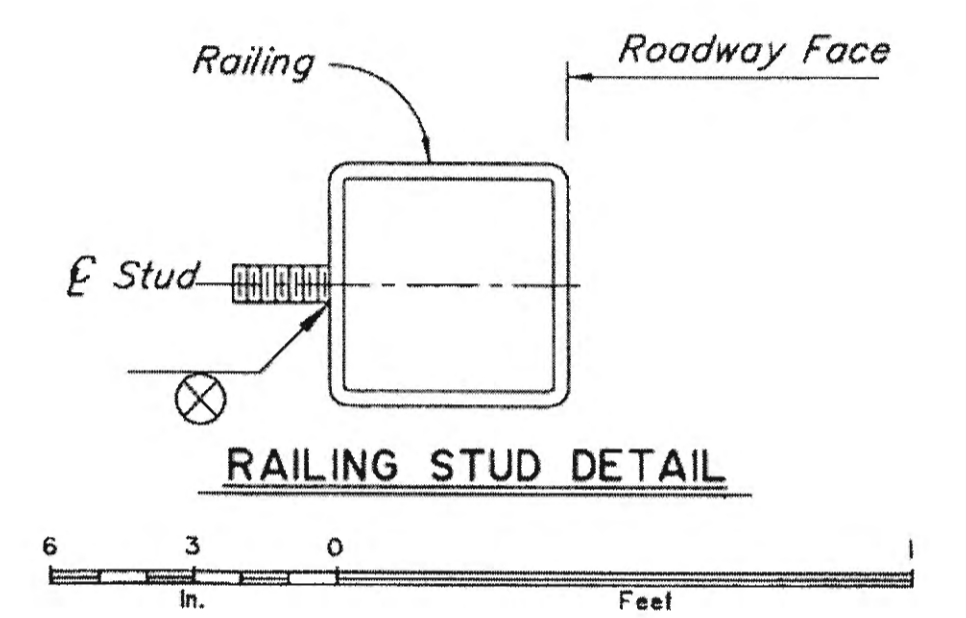
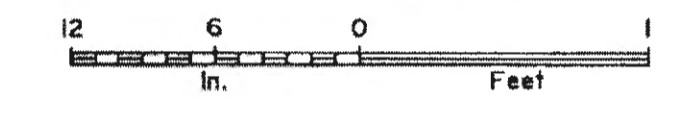
PLATE WASHER
No Scale



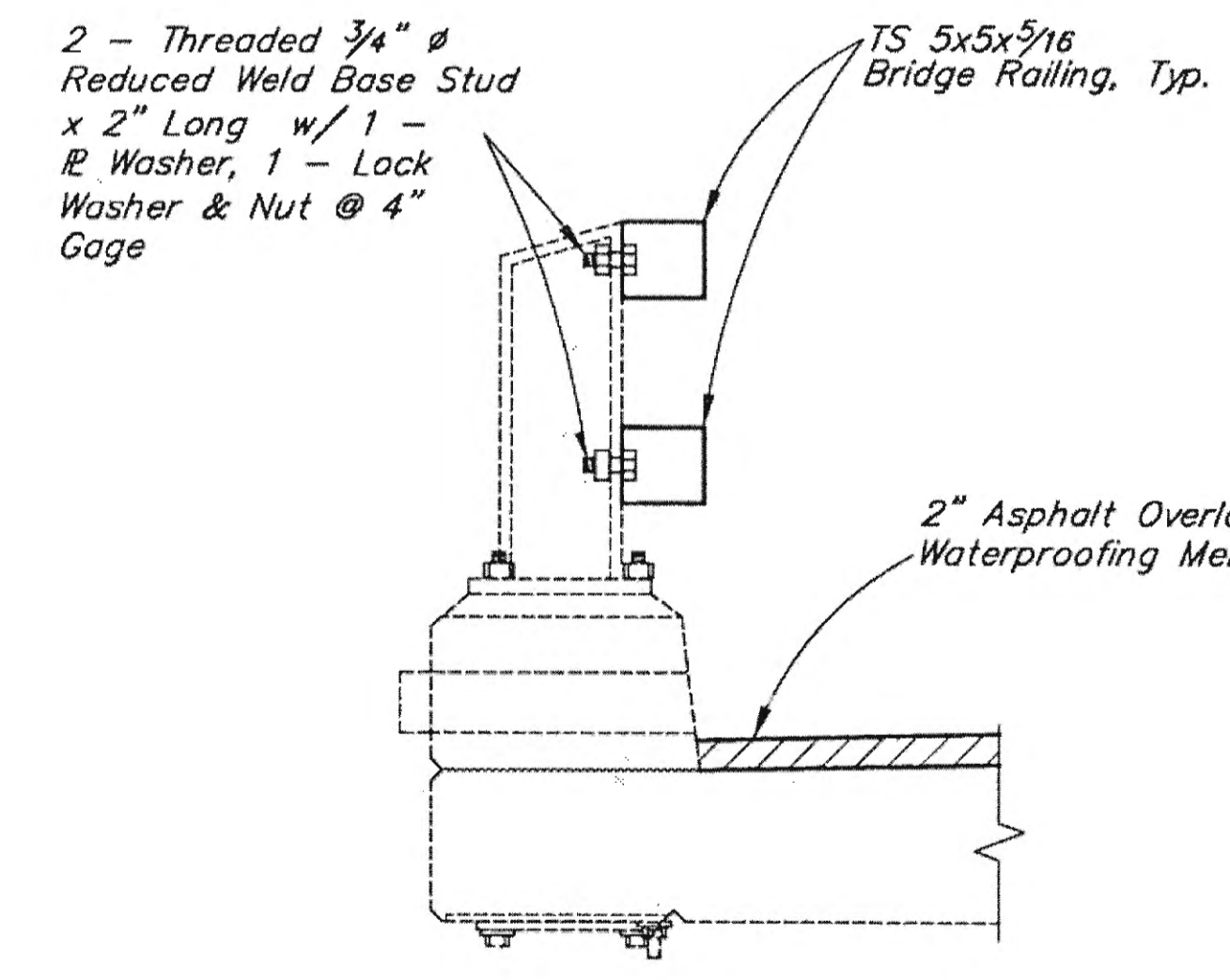
RAIL SPLICE DETAIL



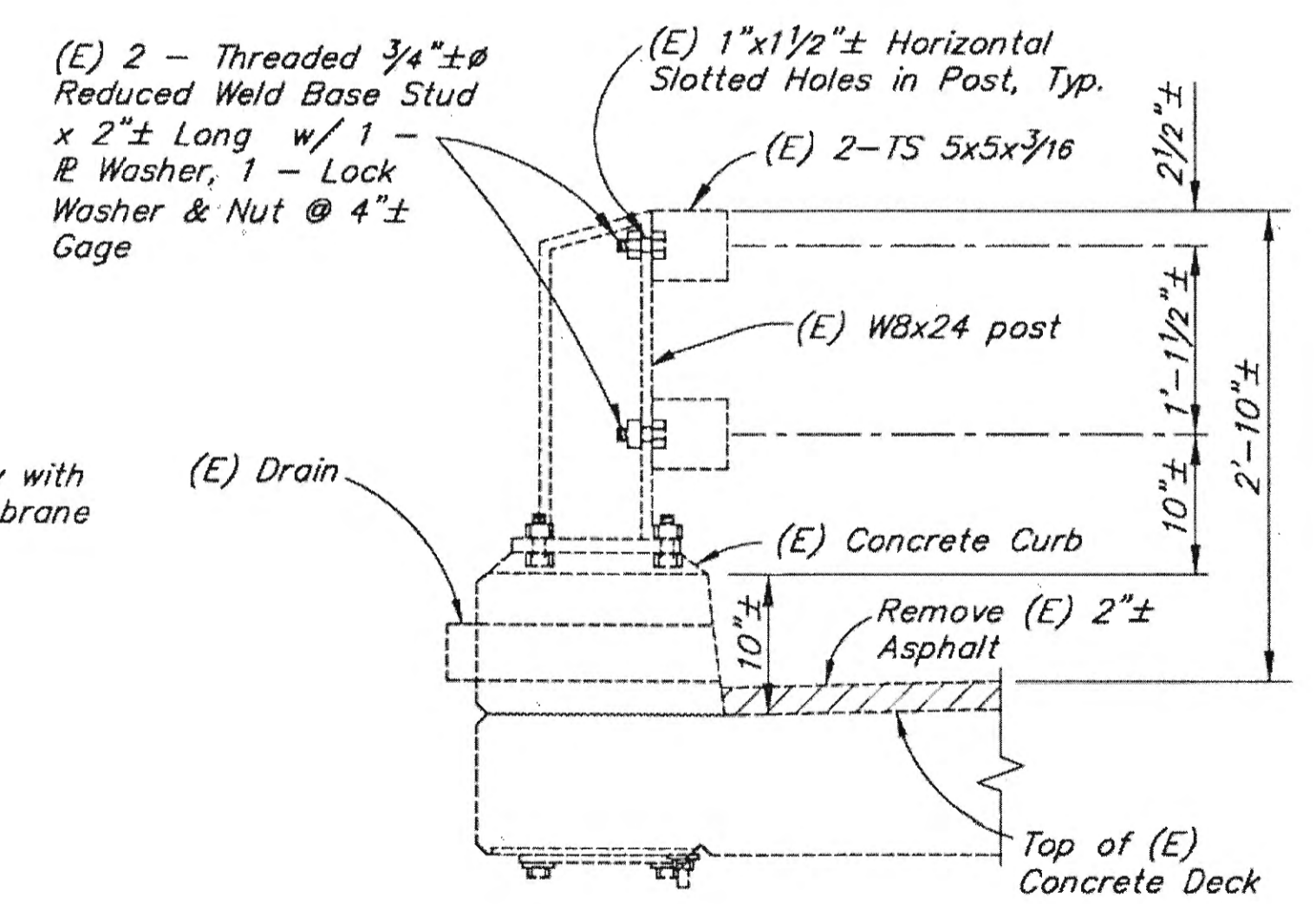
SPLICE TUBE



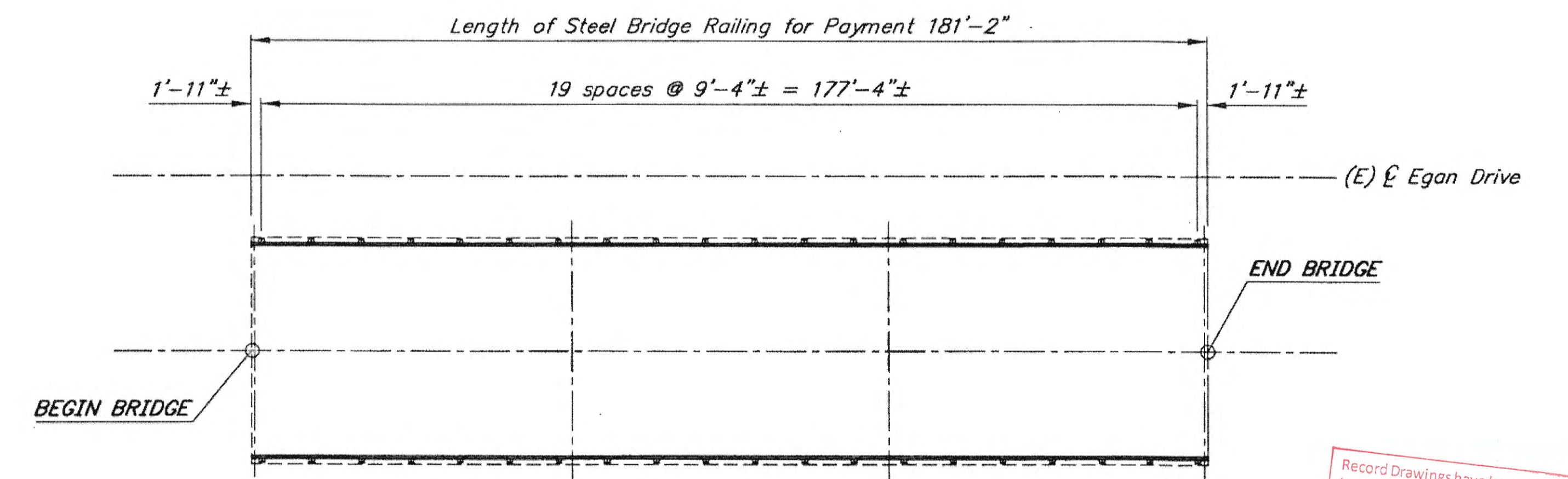
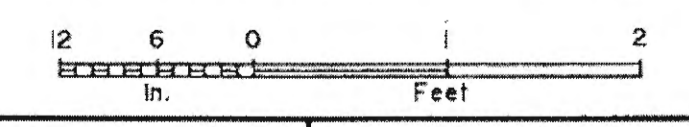
RAILING STUD DETAIL



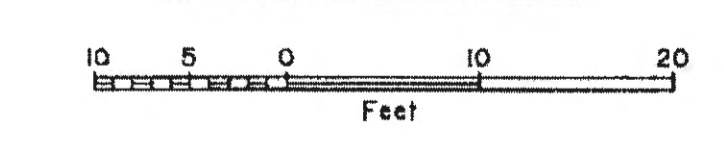
PROPOSED RAILING SECTION



EXISTING RAILING SECTION



RAILING LAYOUT



NOTES:

- (E) = Existing
- = Existing
- = Proposed

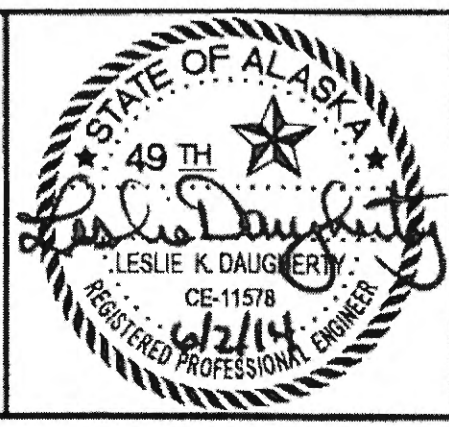
- Furnish and install two Bridge No. Plates. Use "Century" type style lettering. Use studs and nuts that conform to UNS C65100 or UNS C65500. Braze $\frac{1}{4}$ " ϕ threaded rod to back of plate with nut (4 req'd.). Use tamperproof nuts.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Stu* Date 2/20/20

DESIGNED BY: Sara Manning
DRAWN BY: Ken Husa
QUANTITIES BY: Sara Manning
CHECKED: Leslie Dougherty
CHECKED: Sara Manning
CHECKED: Leslie Dougherty

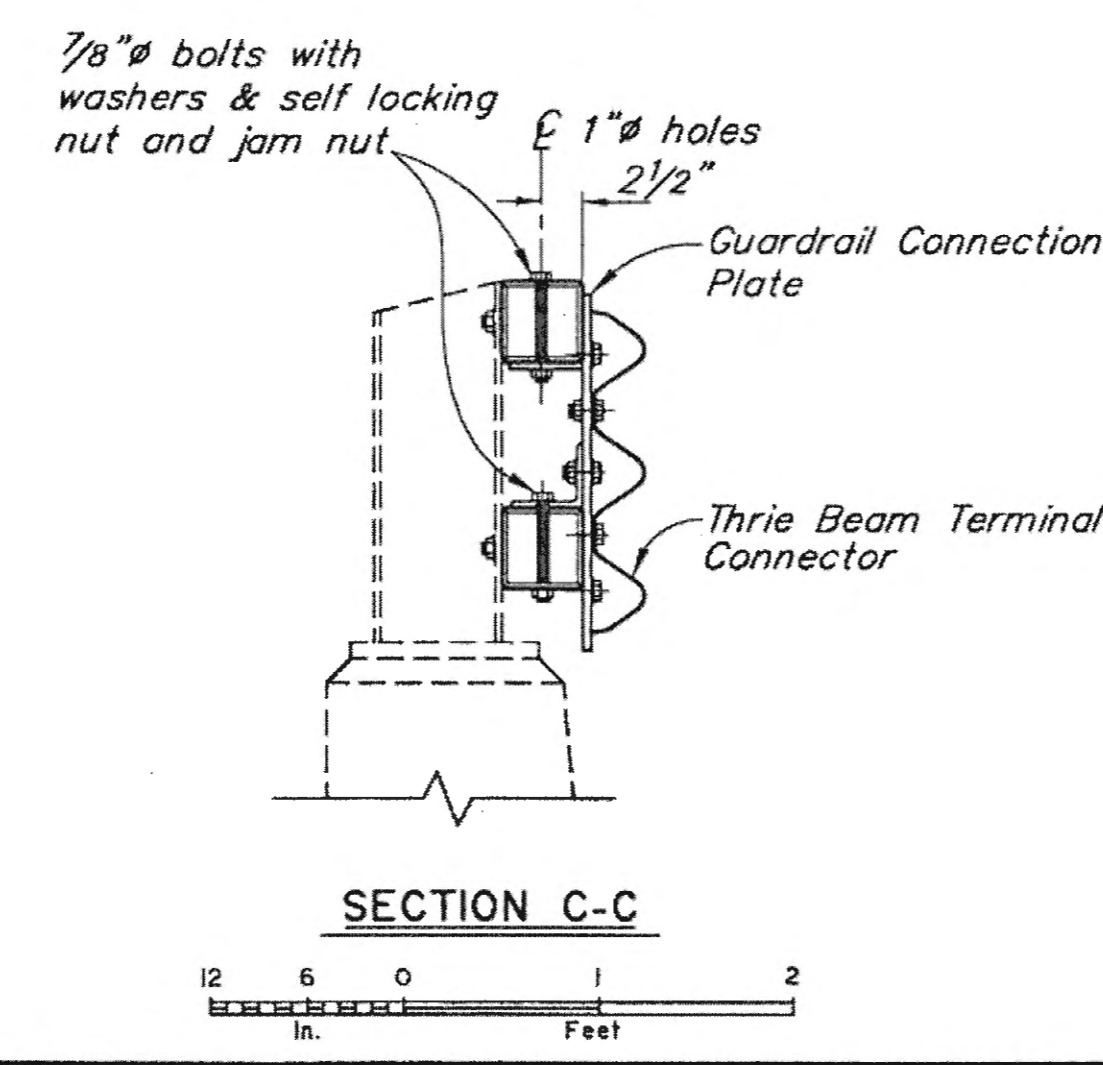
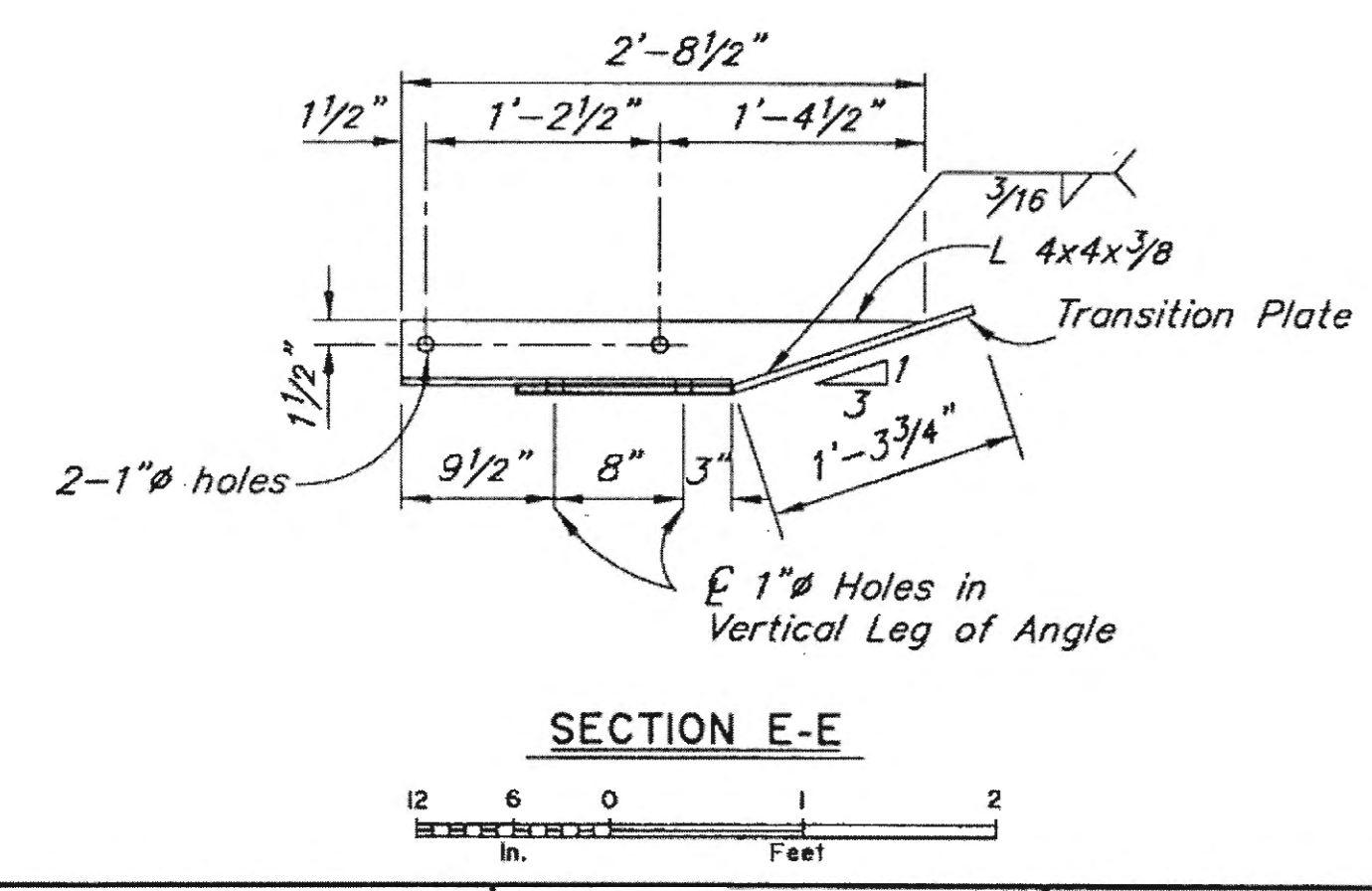
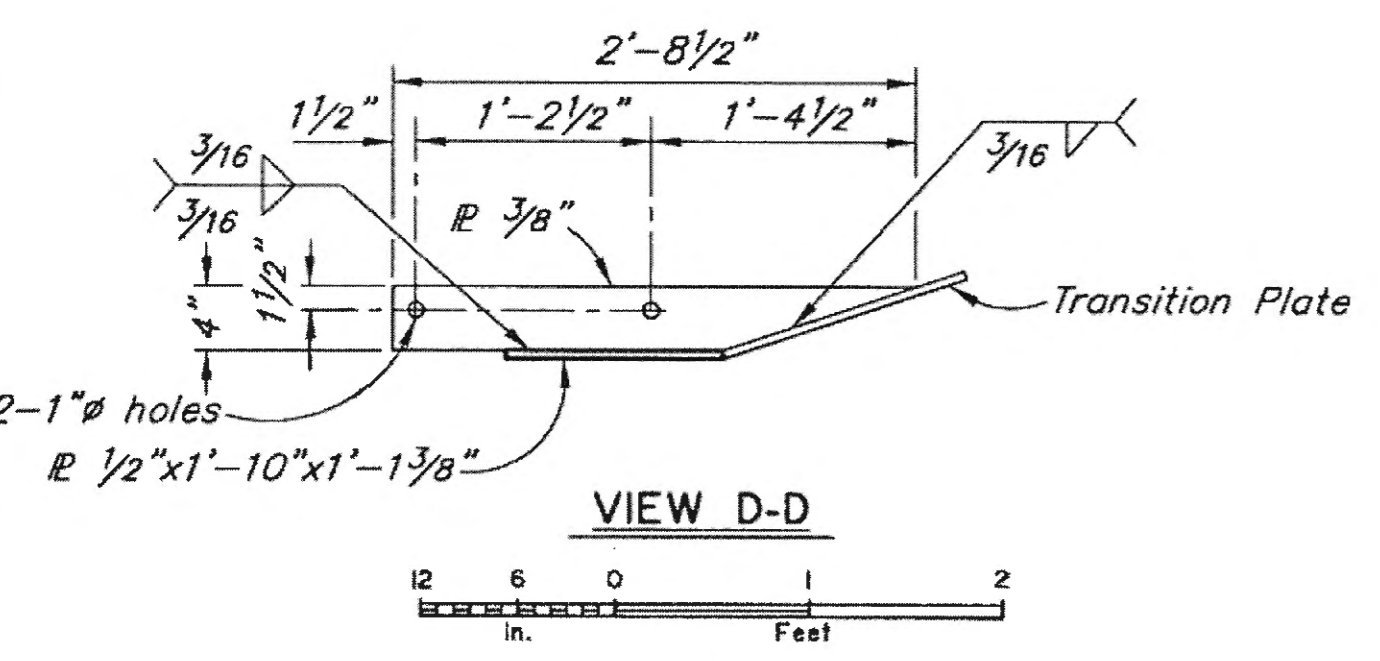
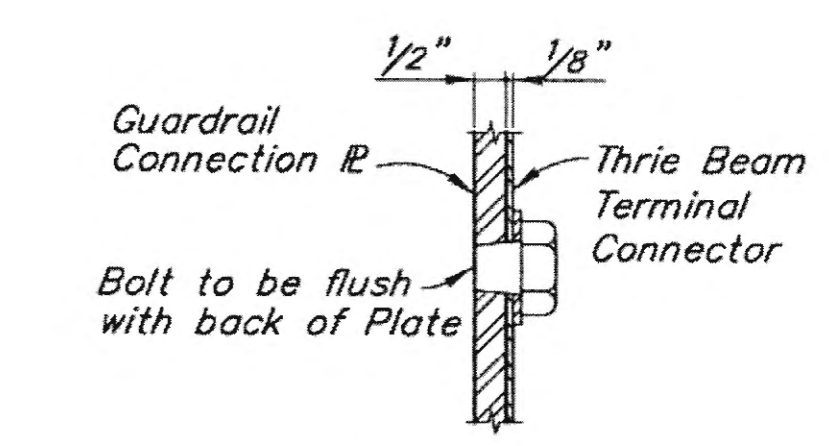
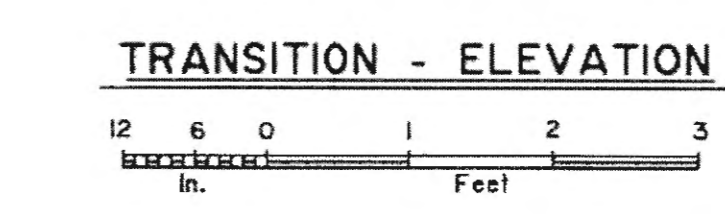
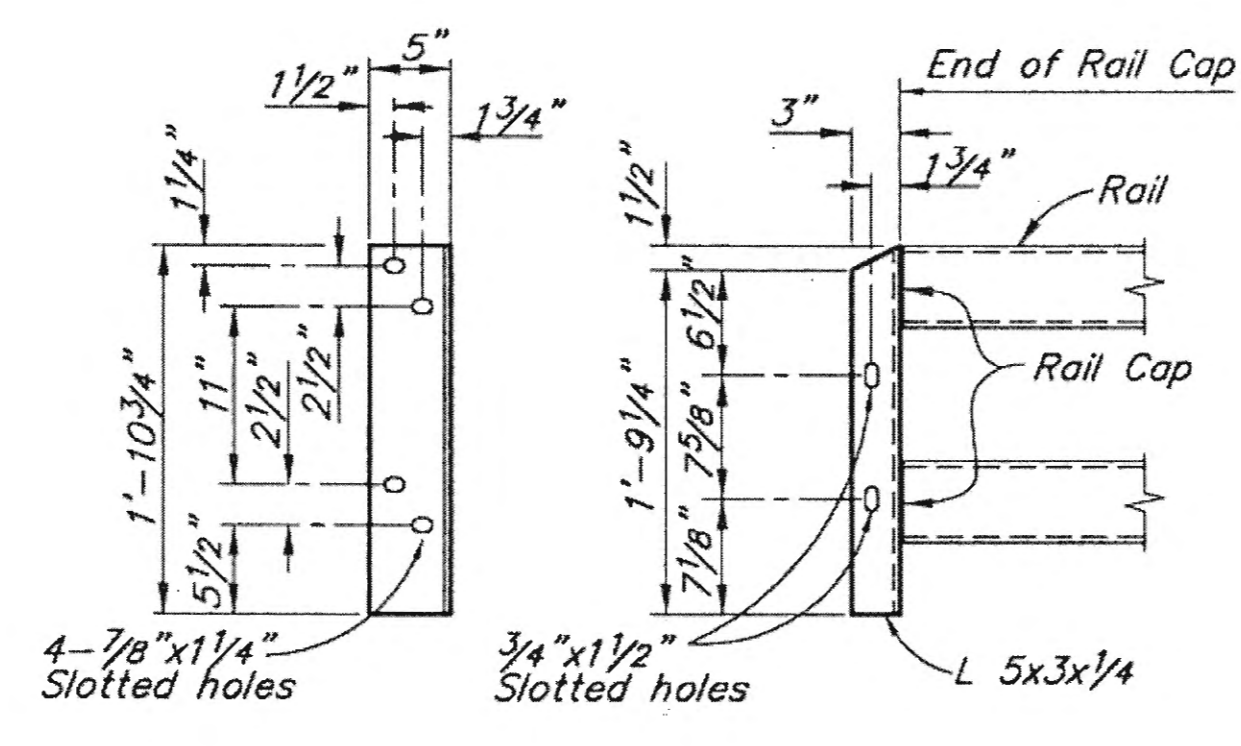
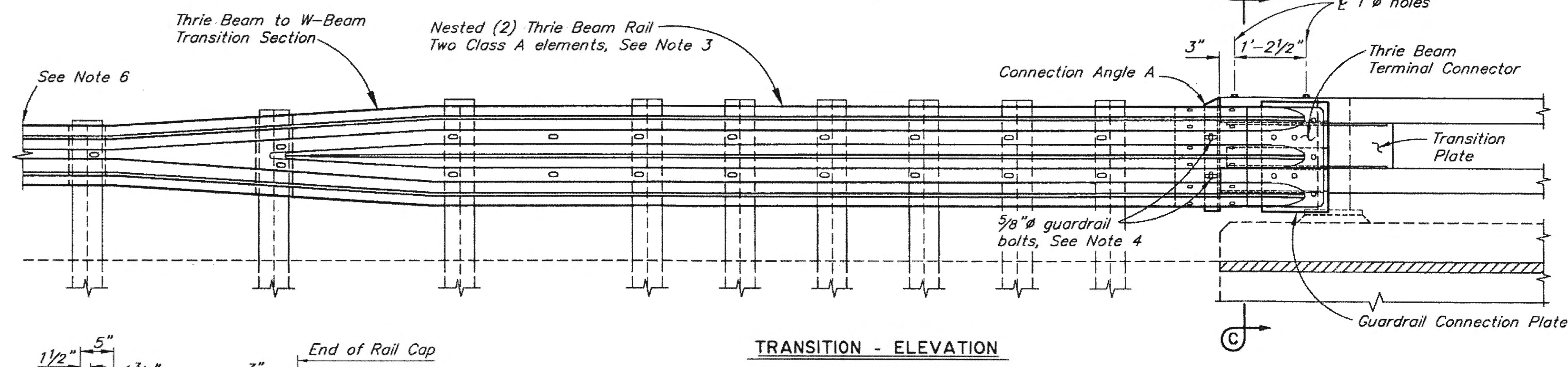
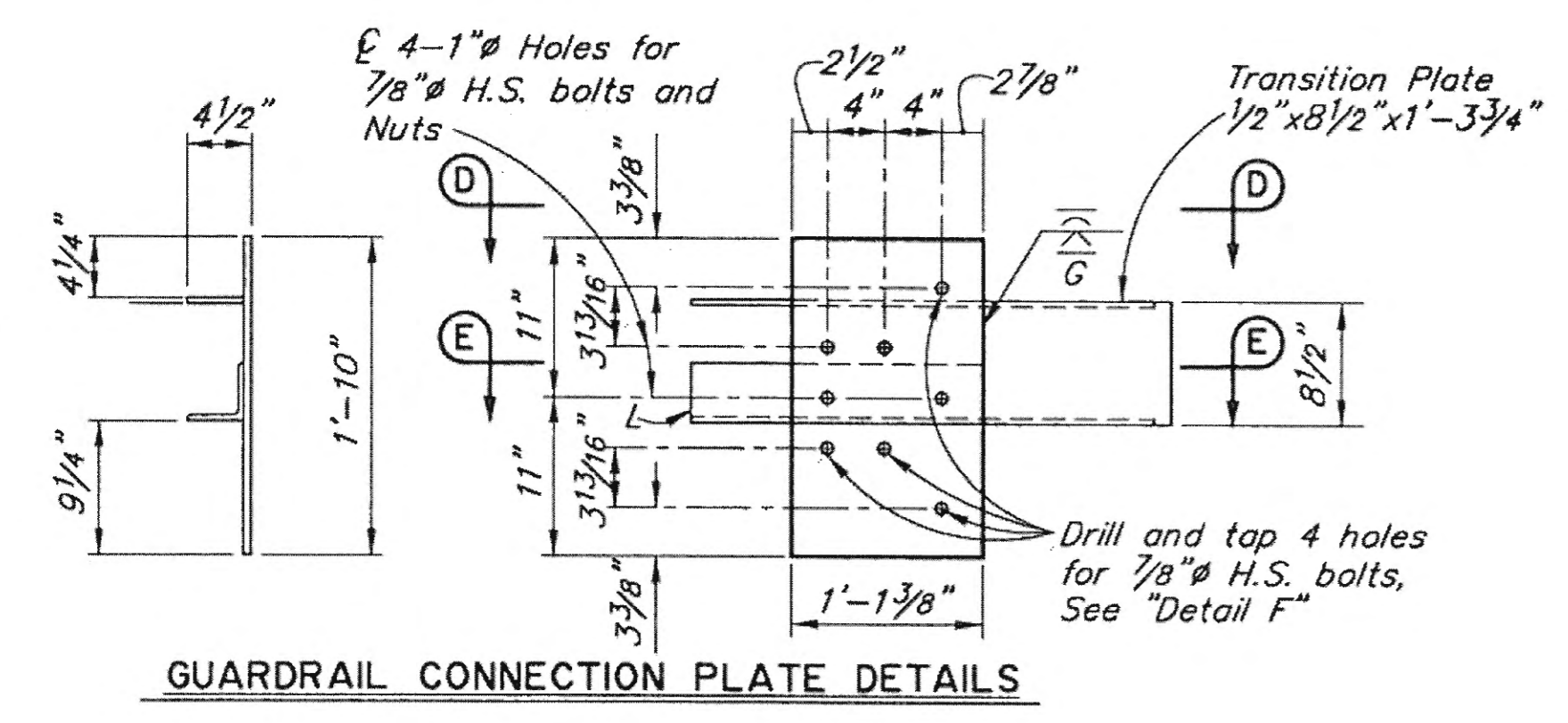
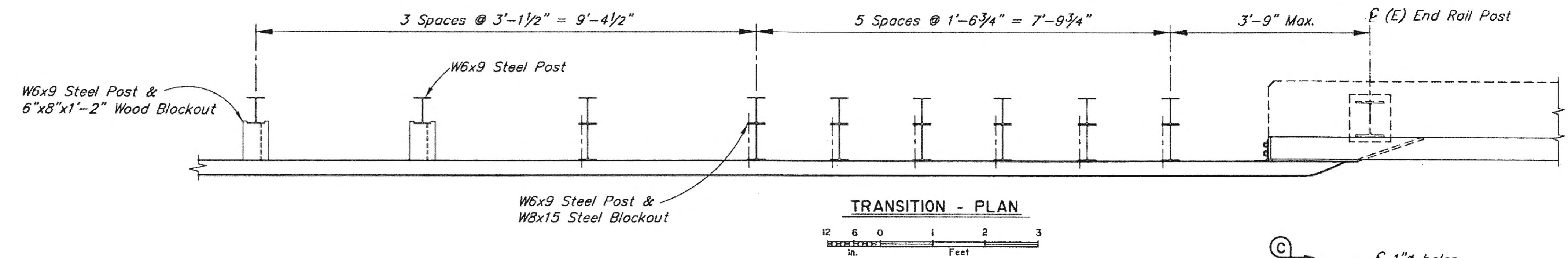
REHABILITATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



LEMON CREEK - N.B. BRIDGE
EGAN DRIVE
RAILING LAYOUT

BRIDGE NO. 1197
DWG. NO. 2



NOTES:
 (E) = Existing
 --- = Existing
 = Proposed

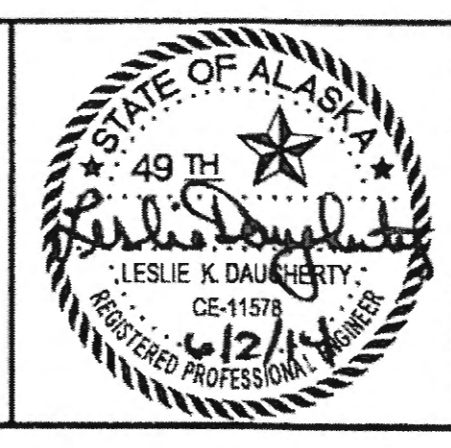
- Guardrail and guardrail connection hardware to conform to AASHTO M-180. H.S. Bolts conform to ASTM A325. Other steel conform to ASTM A709 Grade 36.
- Conform to G-00, G-04S, and G-10 of the Standard Drawings for guardrail details not shown.
- Lap approach guardrail to prevent snags from oncoming traffic.
- Provide 4 1/2" horizontal slot in approach guardrail. Adjust guardrail bolts for sliding fit.
- Thrie Beam transition to follow roadway alignment.
- Match height of existing or new rail elements and end treatments.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Steve Miller* Date 2/20/20

DESIGNED BY: *Sara Manning*
 DRAWN BY: *Ken Husa*
 QUANTITIES BY: *Sara Manning*
 CHECKED: *Leslie Daugherty*
 CHECKED: *Sara Manning*
 CHECKED: *Leslie Daugherty*

REHABILITATION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

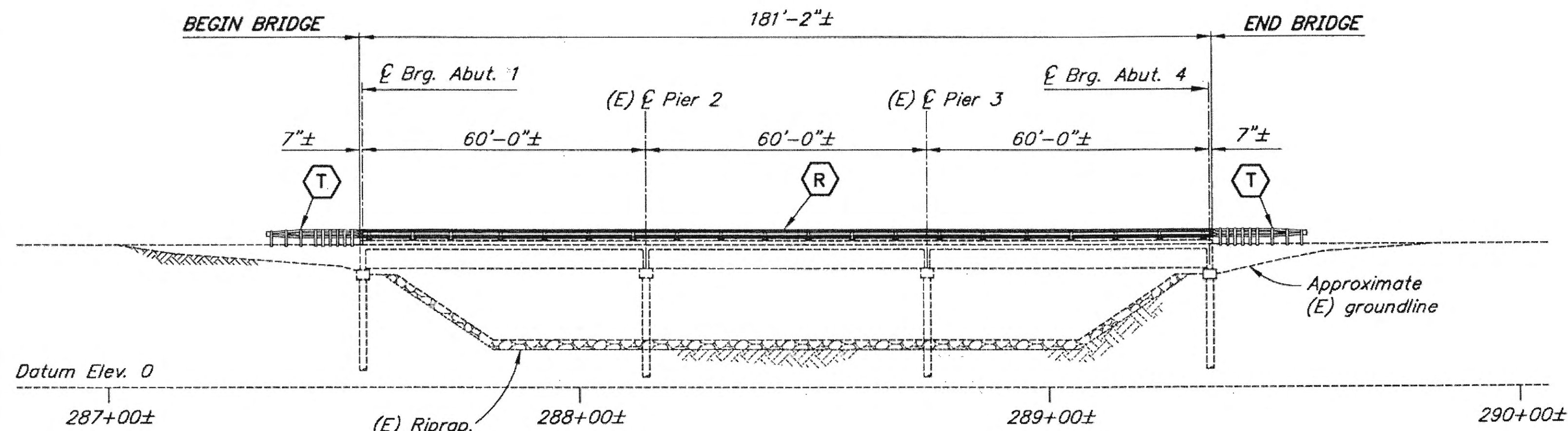


LEMON CREEK - N.B. BRIDGE
 EGAN DRIVE
 BRIDGE RAILING TRANSITION

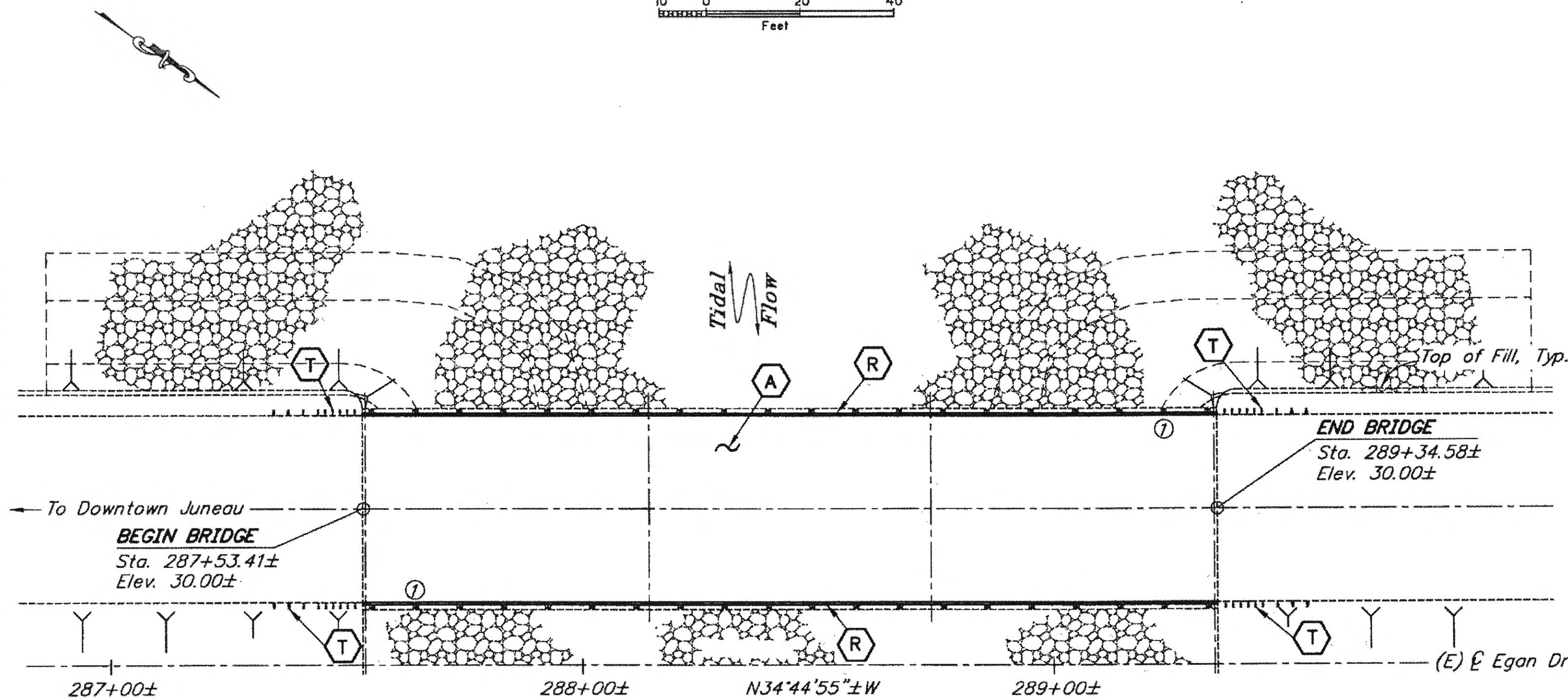
BRIDGE NO. 1197
 DWG. NO. 3

BEGIN BRIDGE Sta. 287+53.41± Elev. 30.00±
 END BRIDGE Sta. 289+34.58± Elev. 30.00±
 0.0% ±

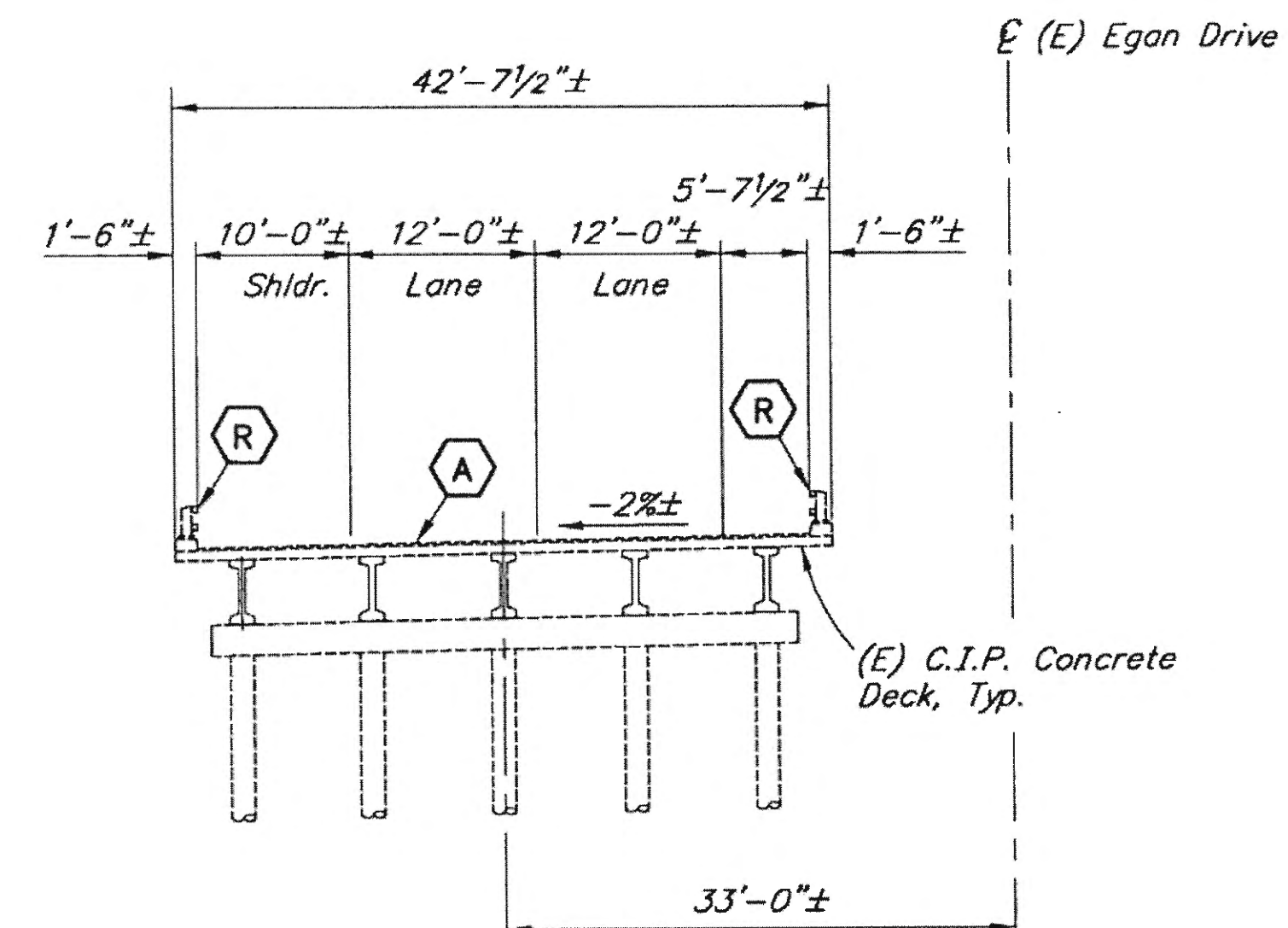
BRIDGE PROFILE GRADE
 No Scale



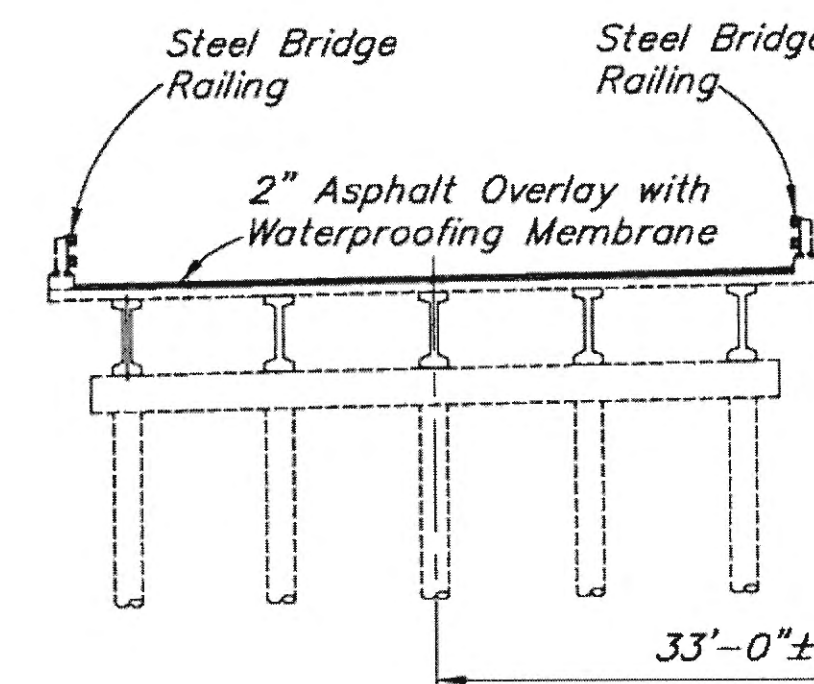
ELEVATION



PLAN

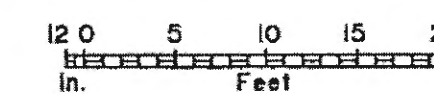


EXISTING



PROPOSED

TYPICAL SECTIONS



LEGEND

- (A) - Replace 2"± of Asphalt
- (R) - Replace Steel Bridge Railing Tubes
- (T) - Replace Transition Rail

NOTES:

- (E) = Existing
- = Existing
- = Proposed

① = Approximate location of Bridge Number Plate.

2. Bridge Stations are approximate, and Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material. For Project Stations and Elevations see the Roadway Sheets.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: [Signature] Date 2/20/20

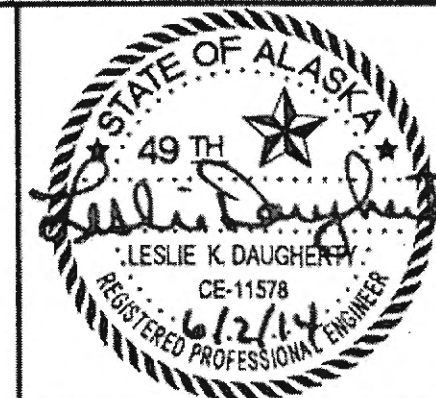
BRIDGE DRAWING INDEX

TITLE	DWG. NO.
GENERAL LAYOUT	1
RAILING LAYOUT	2
BRIDGE RAILING TRANSITION	3

REHABILITATION

DESIGNED BY: Sara Manning	CHECKED: Leslie Daugherty	LAYOUT BY: Sara Manning	CHECKED BY: Leslie Daugherty
DRAWN BY: Ken Huse	CHECKED: Sara Manning	SPECIFICATIONS BY: Sara Manning	P, S & E COMPARED: Leslie Daugherty
QUANTITIES BY: Sara Manning	CHECKED: Leslie Daugherty	APPROVAL RECOMMENDED BY: Richard Pratt	

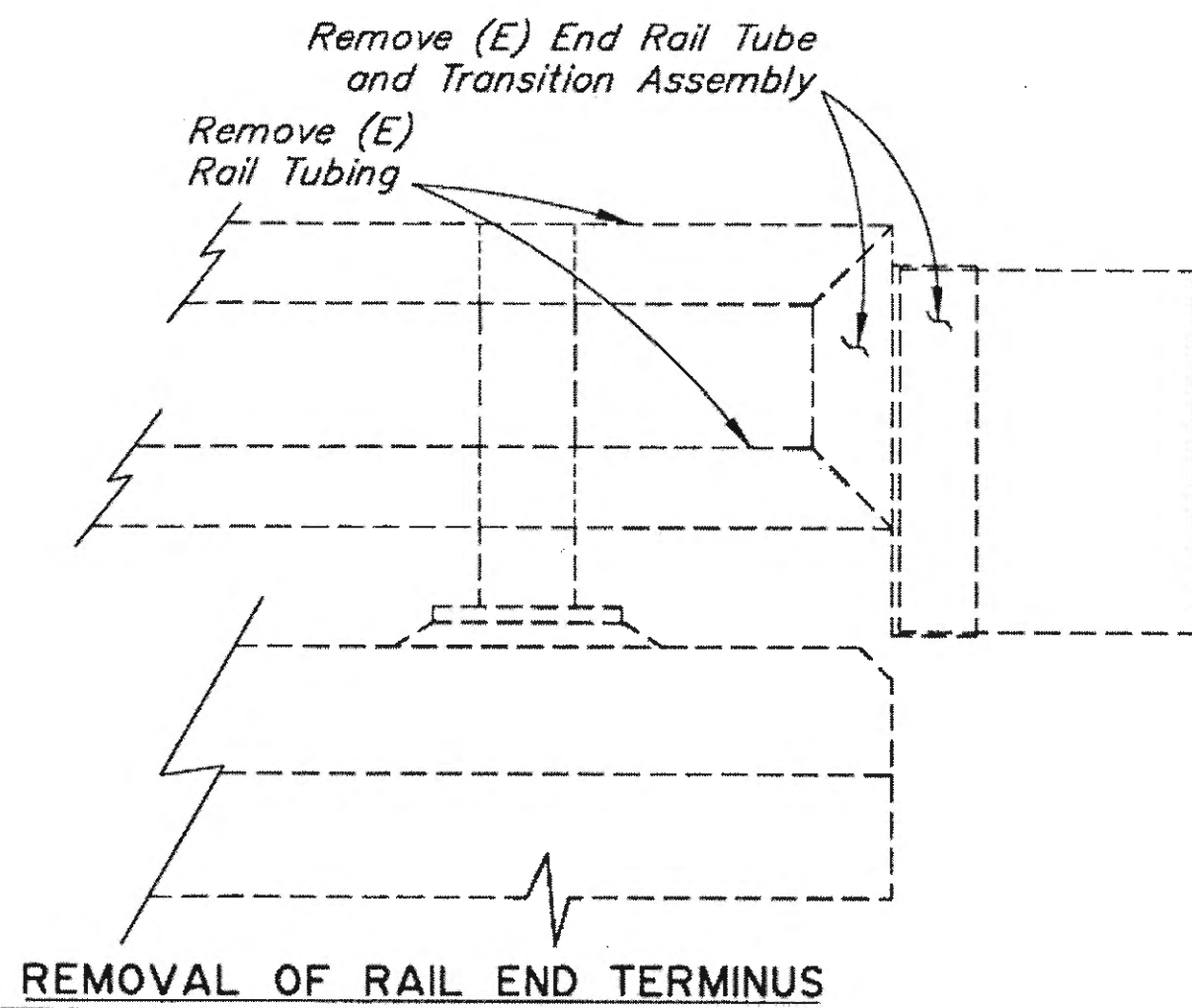
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



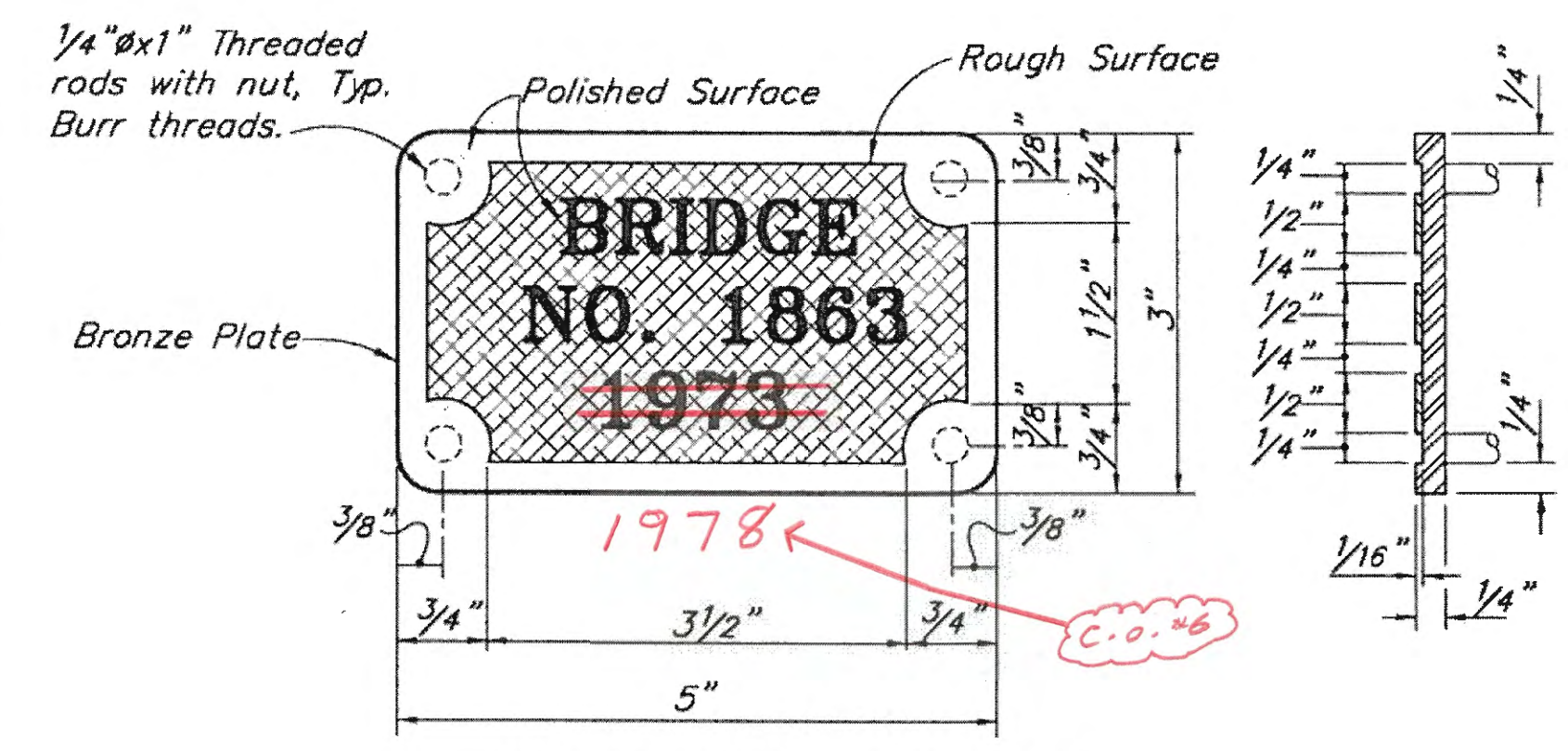
LEMON CREEK - S.B. BRIDGE
 EGAN DRIVE
 GENERAL LAYOUT

BRIDGE NO. 1863
 DWG. NO. 1

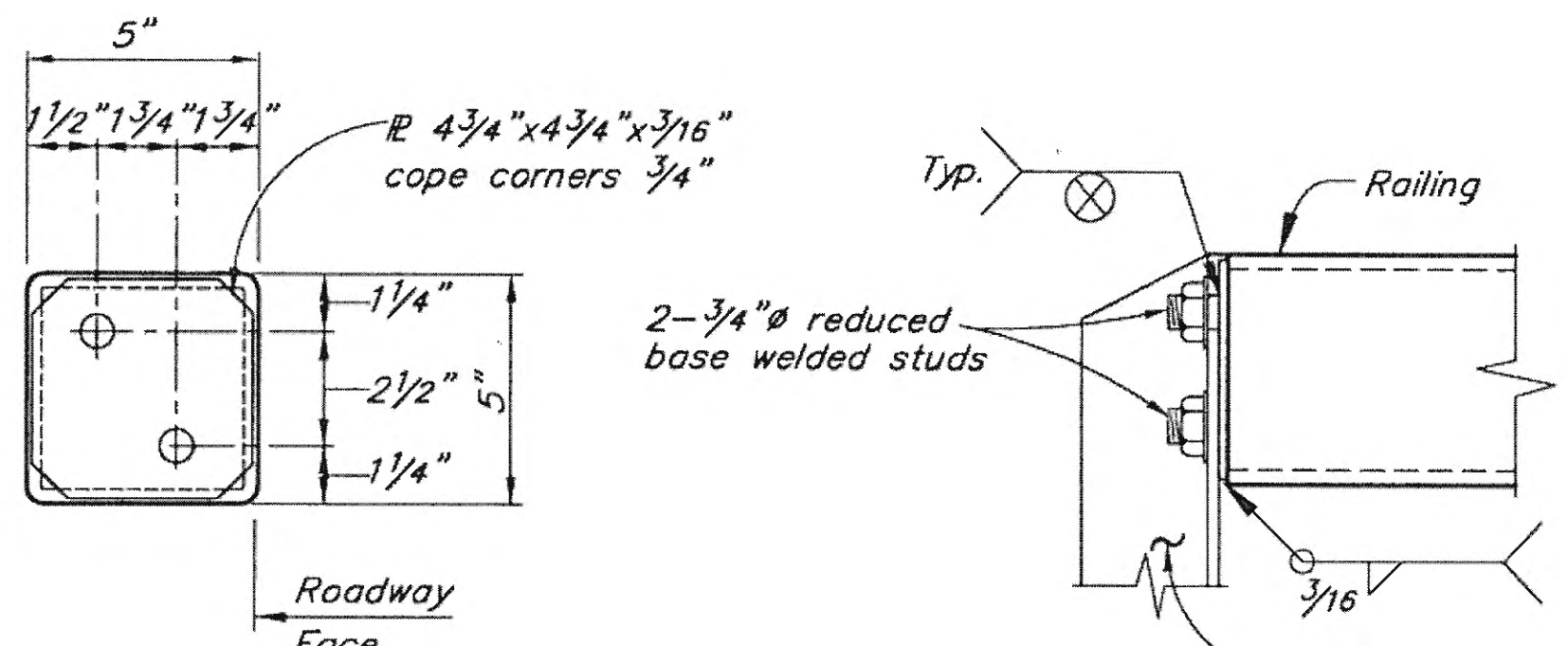
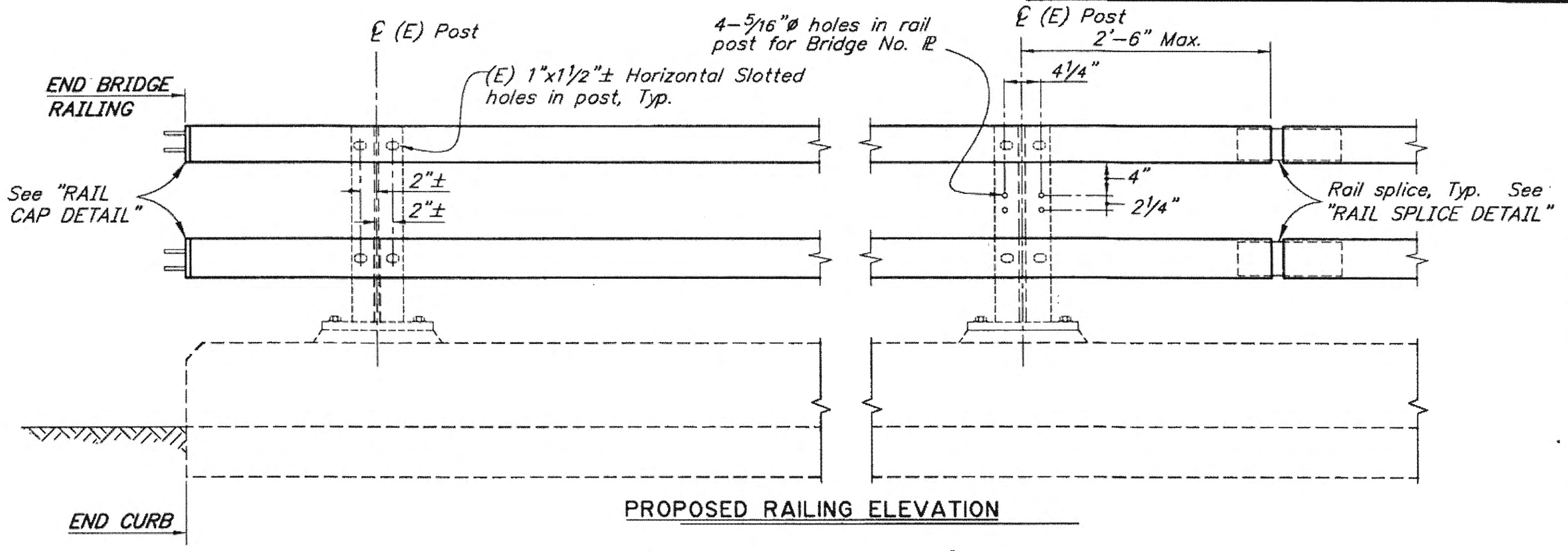
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68129	2014		



REMOVAL OF RAIL END TERMINUS
12 6 0 1 2
In. Feet



BRONZE BRIDGE NO. PLATE
No Scale



RAIL CAP DETAIL

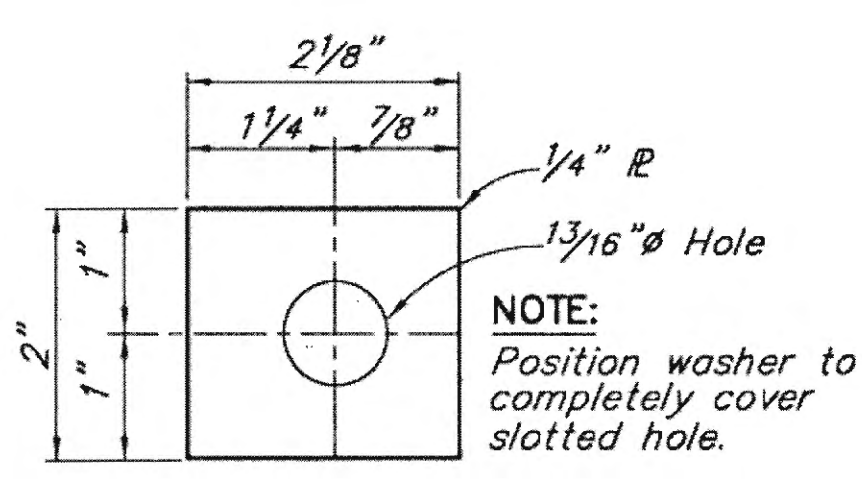
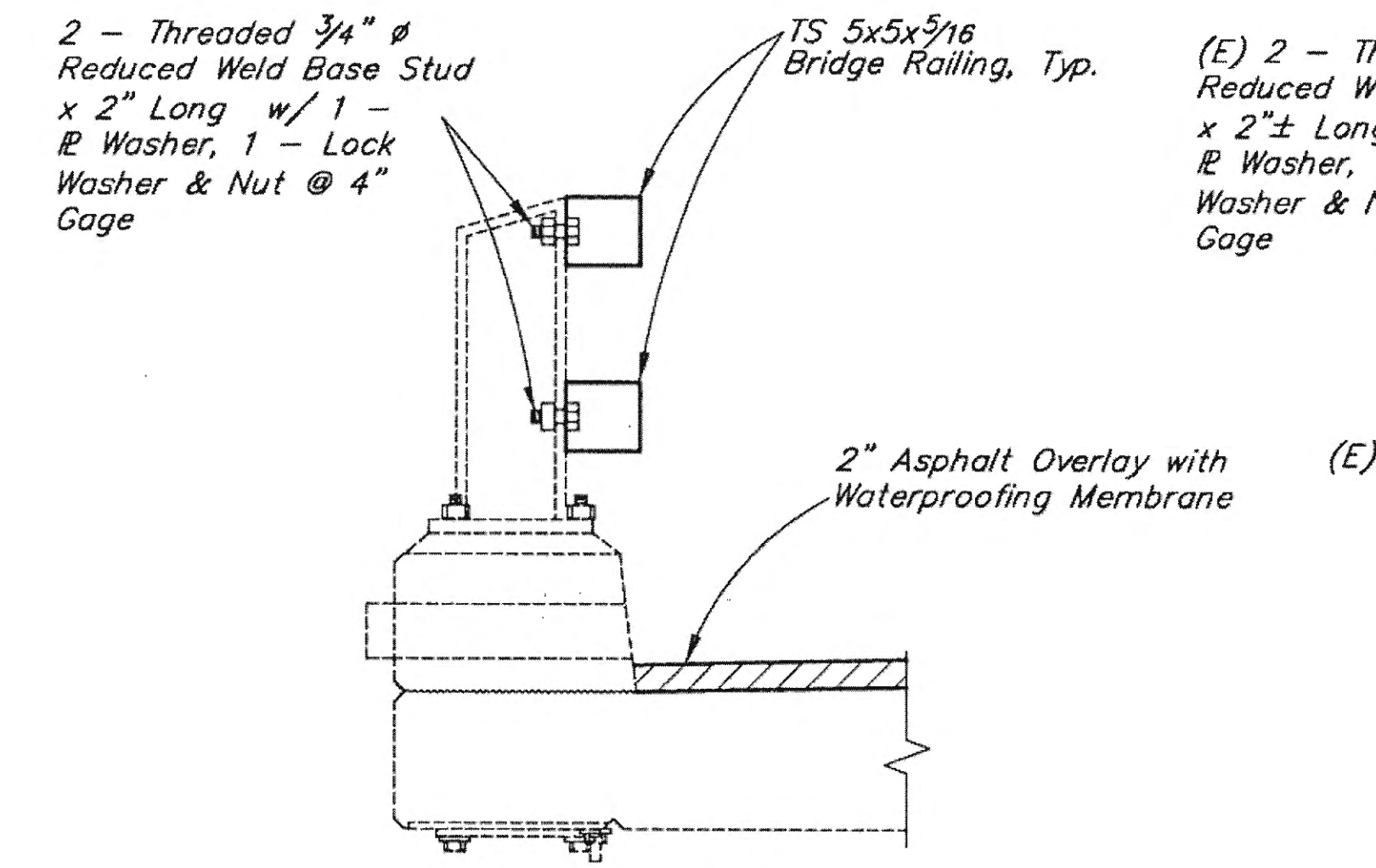
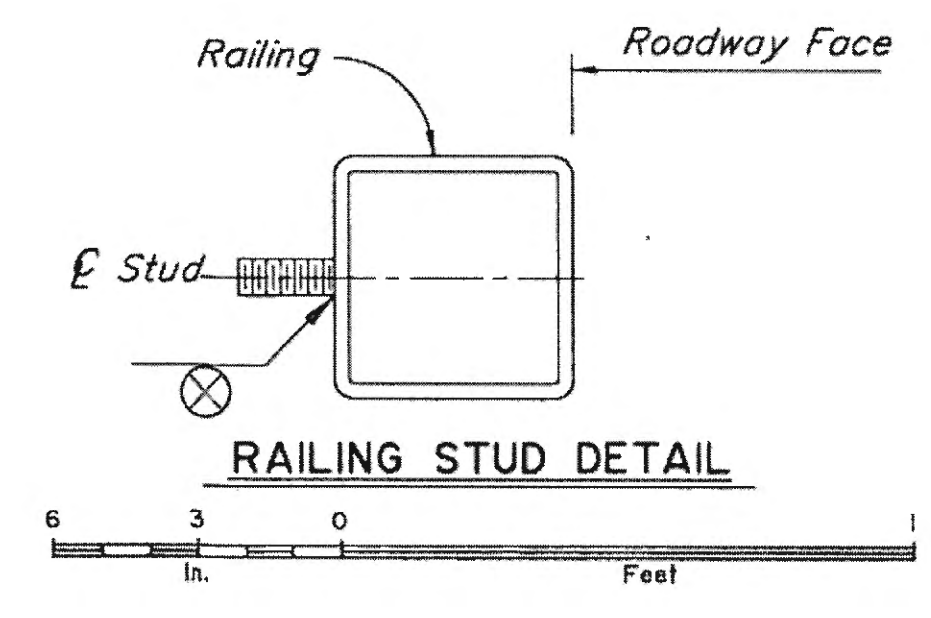
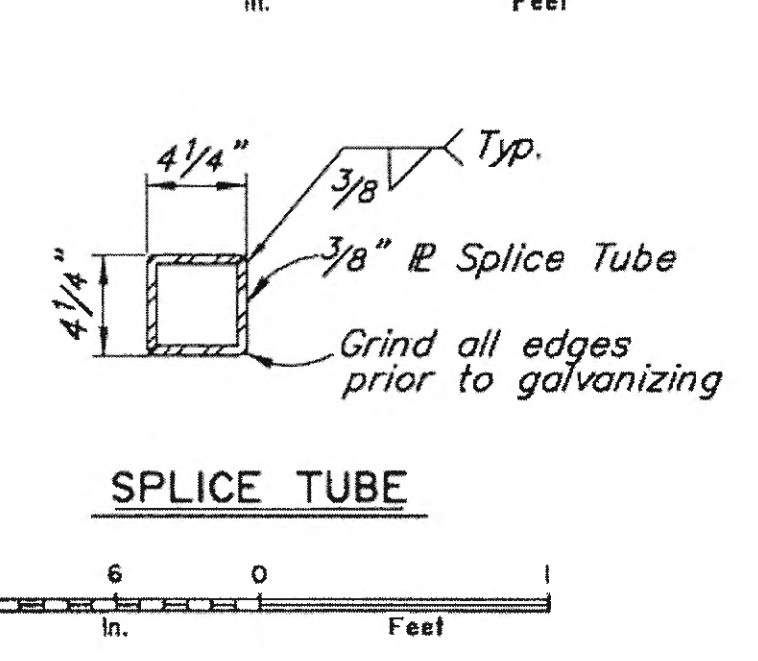
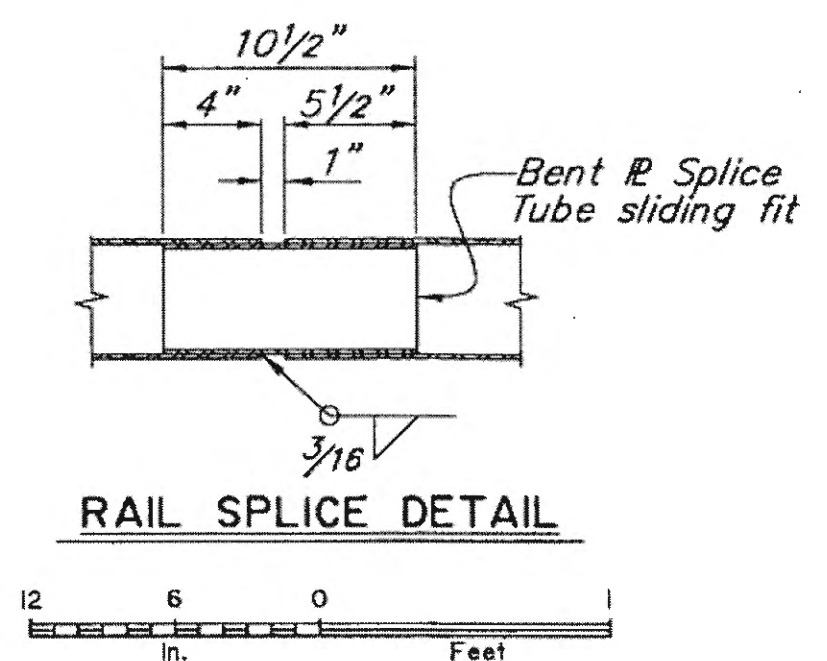
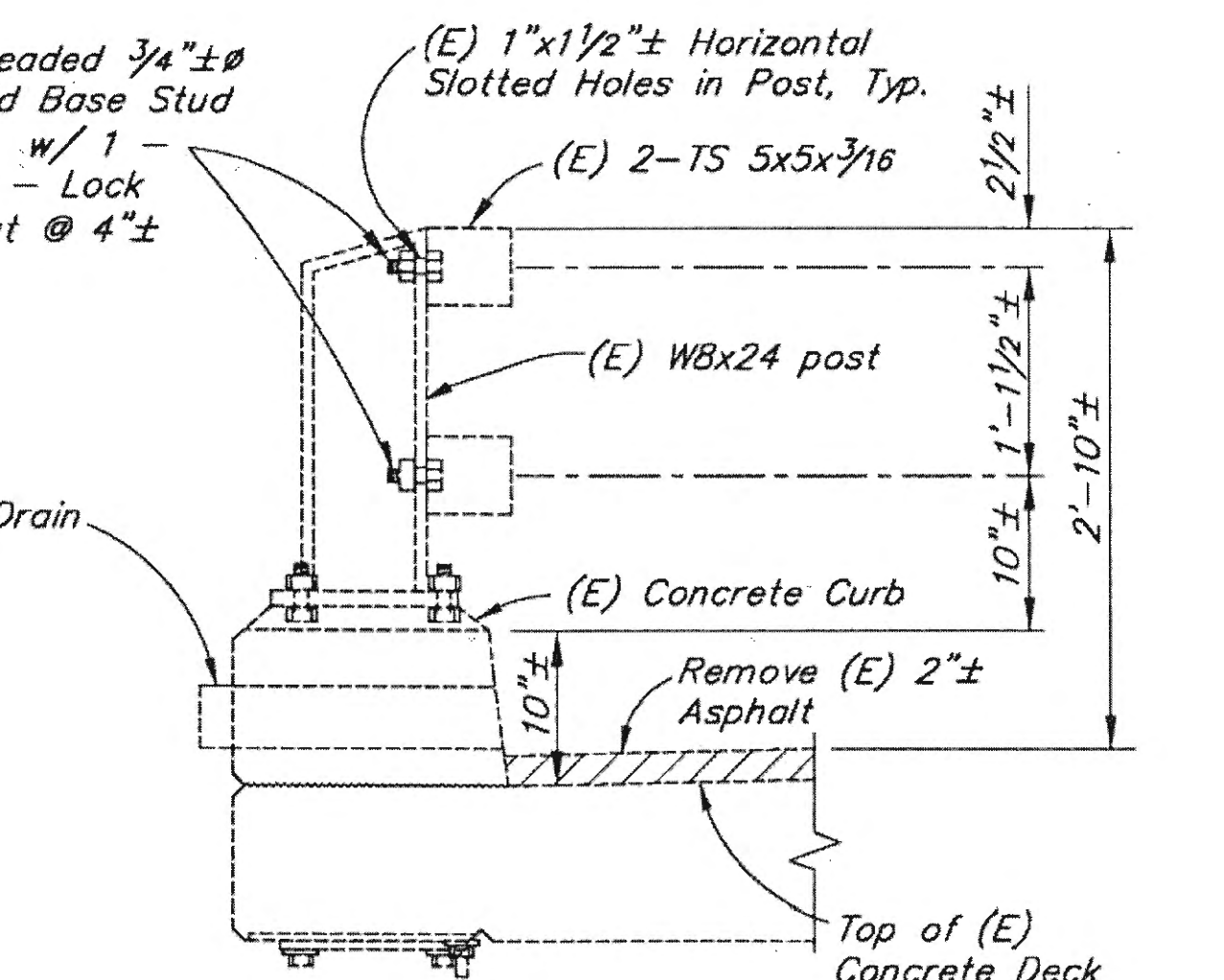


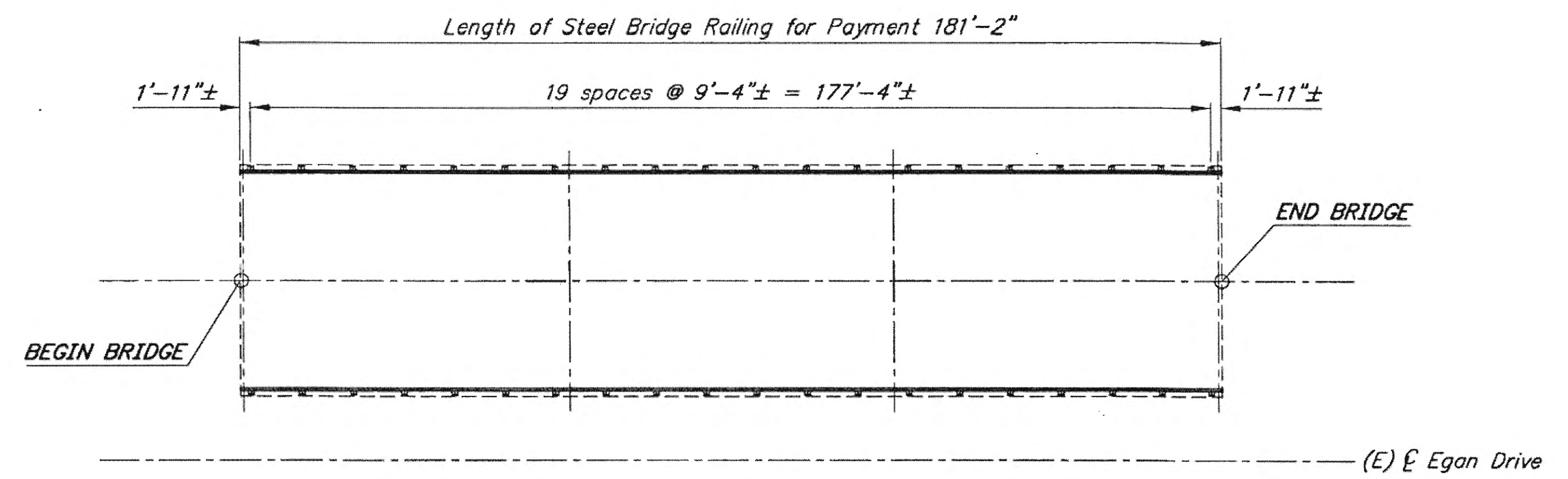
PLATE WASHER
No Scale



PROPOSED RAILING SECTION



EXISTING RAILING SECTION



RAILING LAYOUT

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE: *[Signature]* Date: 2/20/20

NOTES:

- (E) = Existing
 - = Existing
 - = Proposed
1. Furnish and install two Bridge No. Plates. Use "Century" type style lettering. Use studs and nuts that conform to UNS C65100 or UNS C65500. Braze 1/4" ϕ threaded rod to back of plate with nut (4 req'd.). Use tamperproof nuts.

DESIGNED BY: Sara Manning
DRAWN BY: Ken Huse
QUANTITIES BY: Sara Manning
CHECKED: Leslie Dougherty
CHECKED: Sara Manning
CHECKED: Leslie Dougherty

REHABILITATION

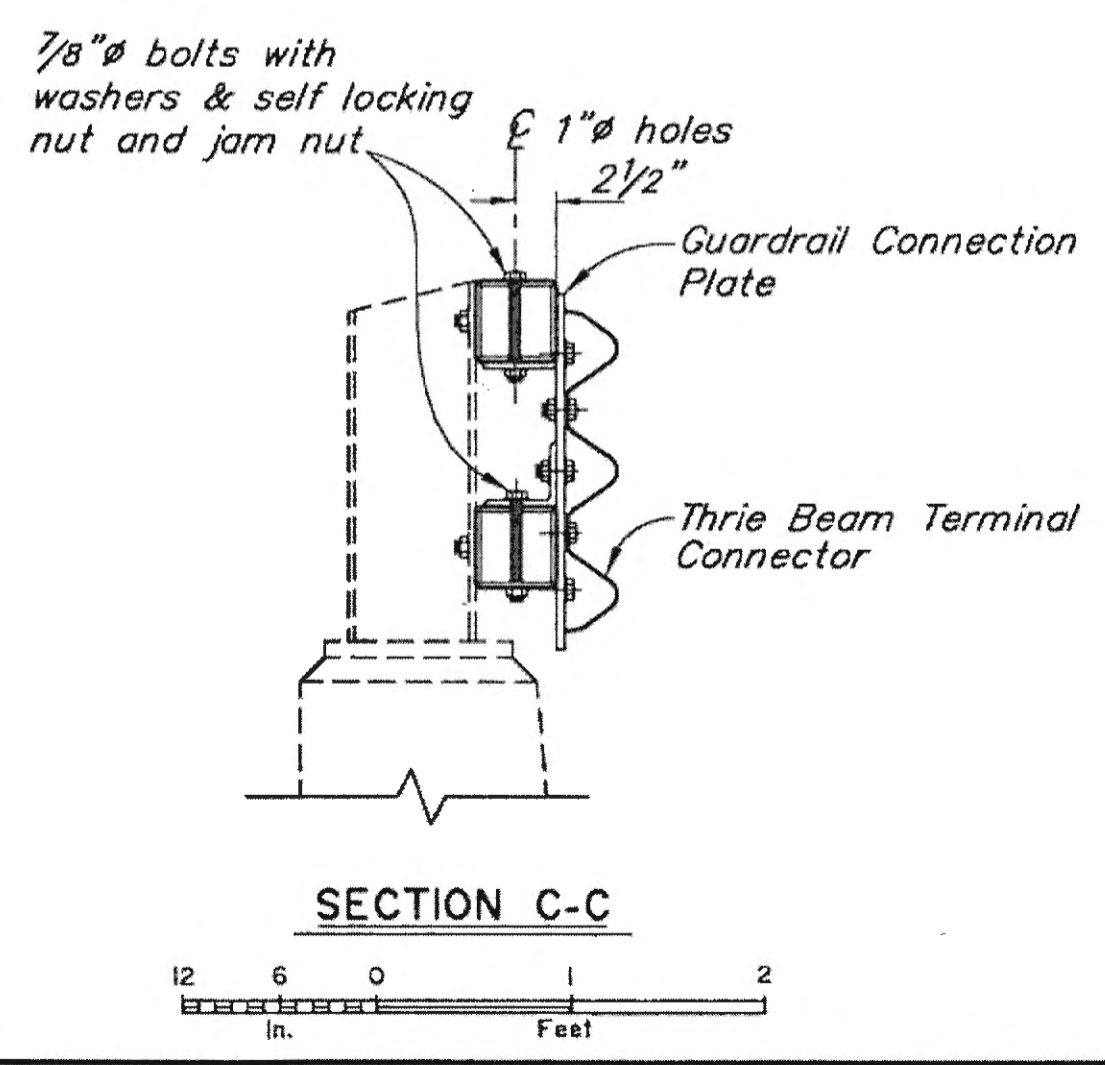
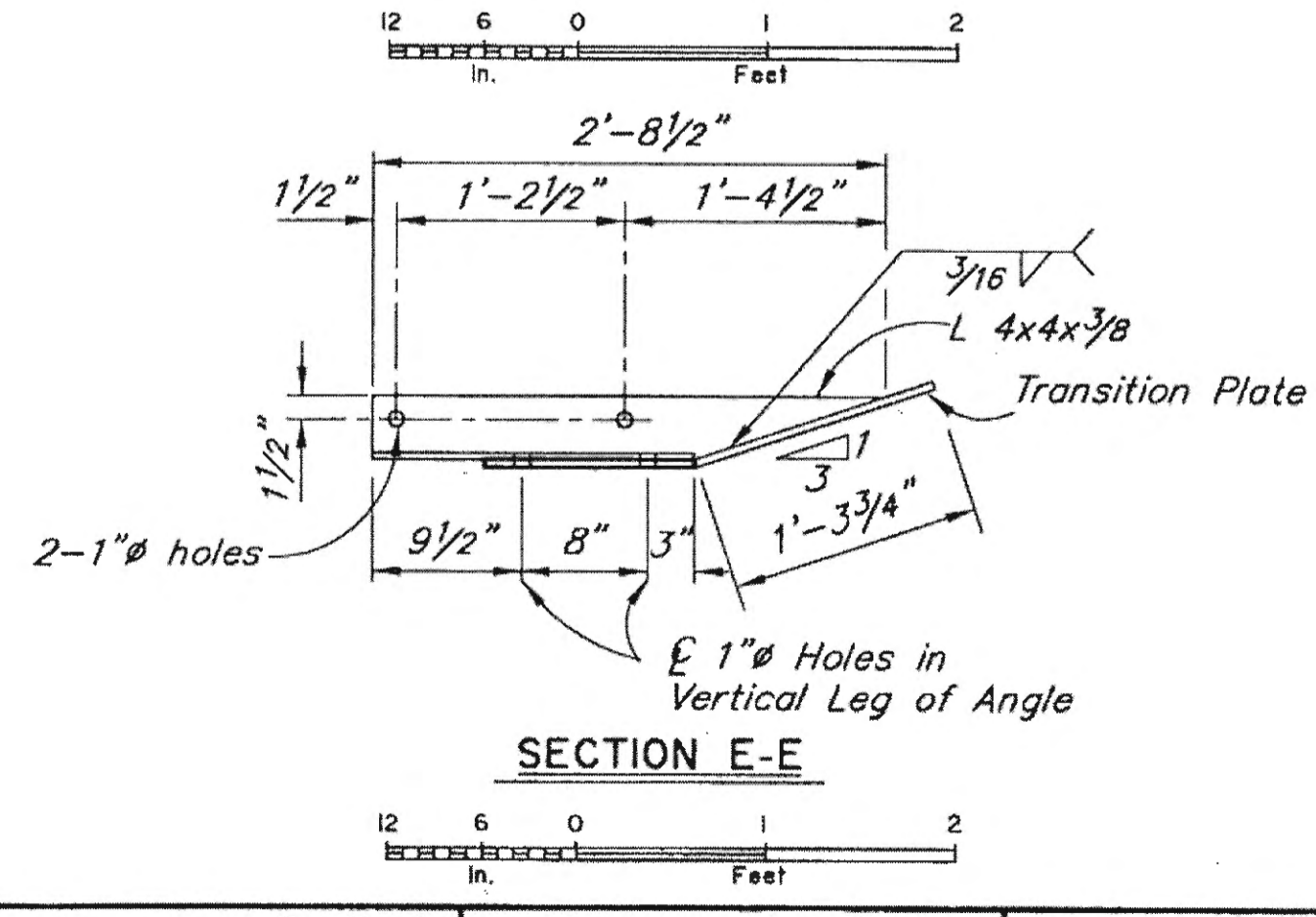
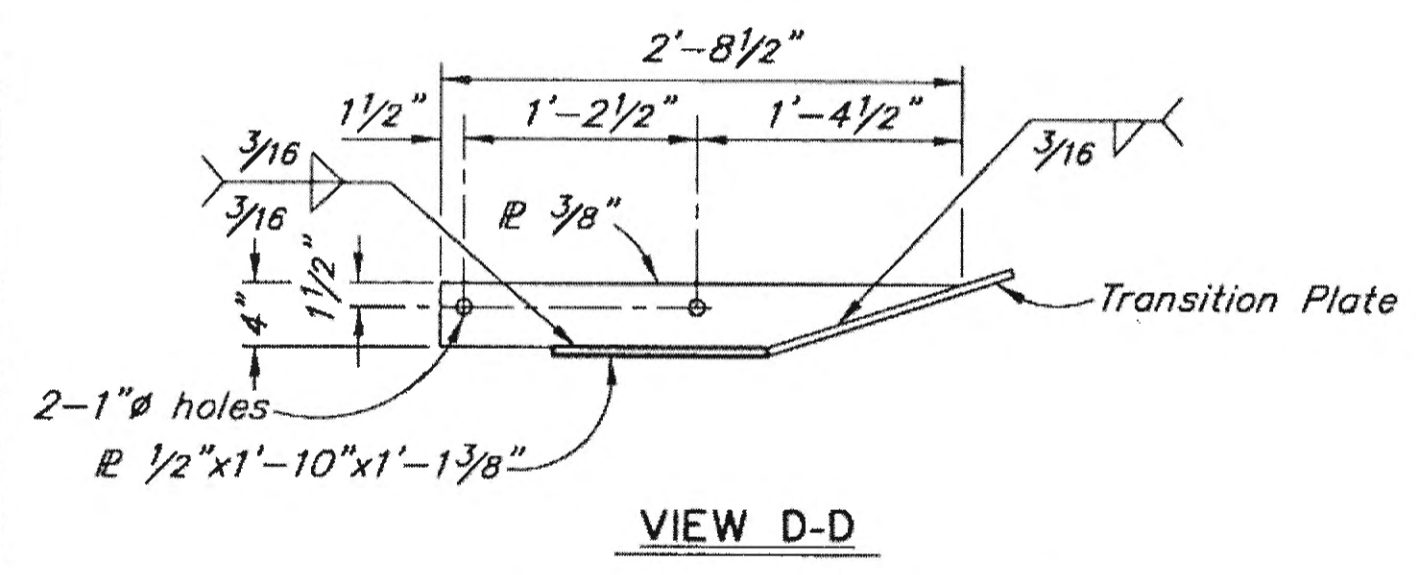
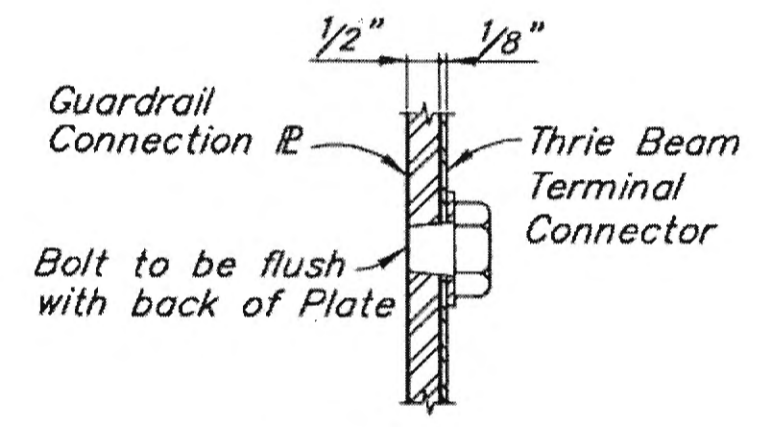
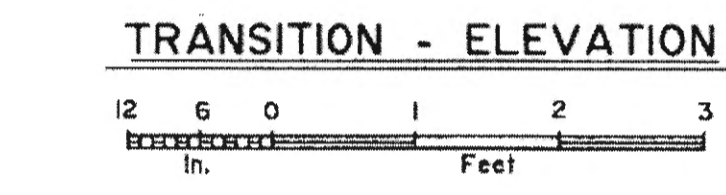
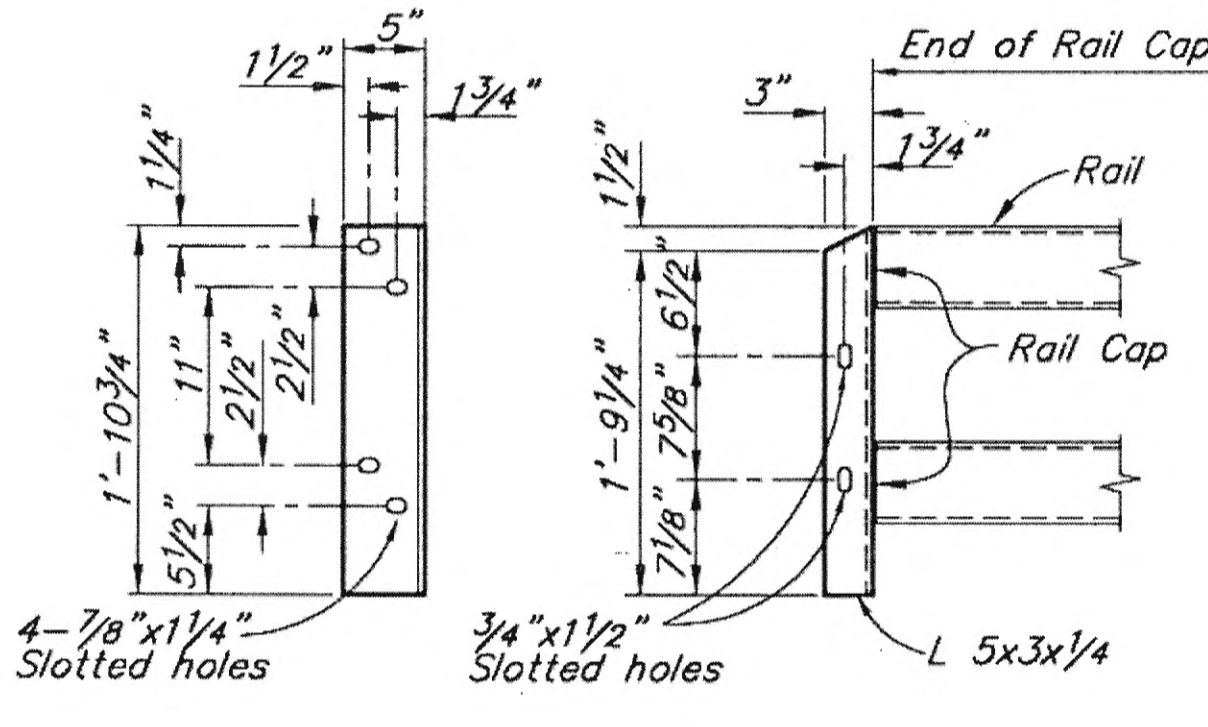
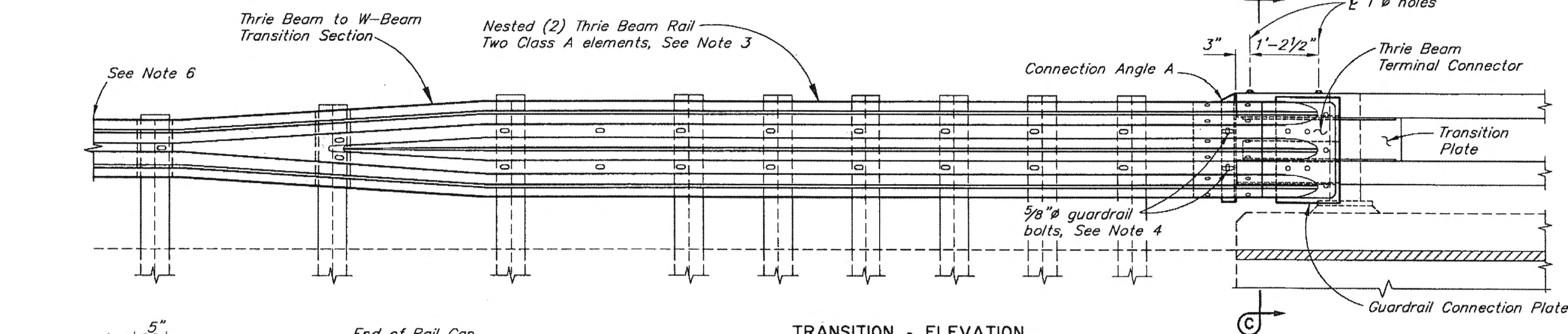
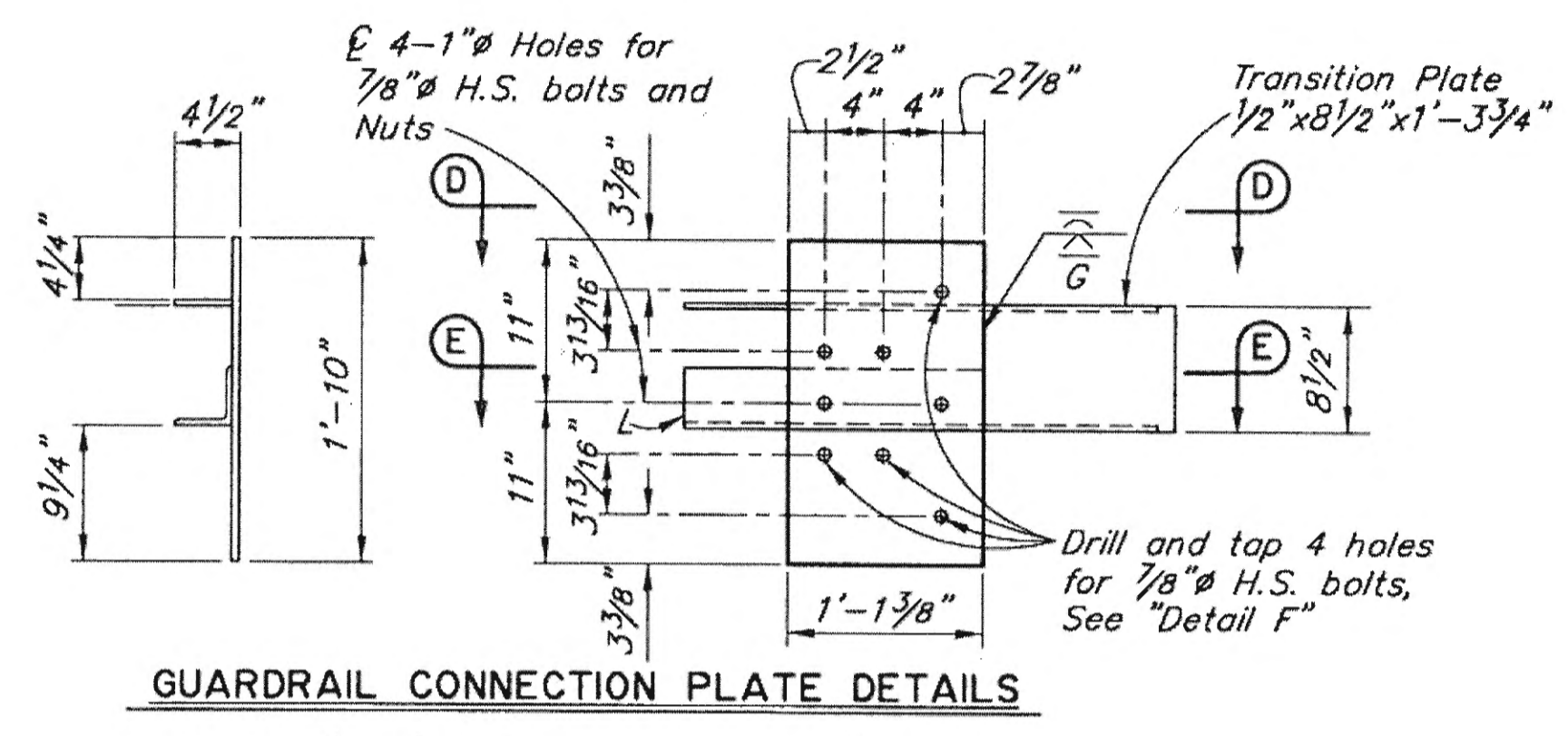
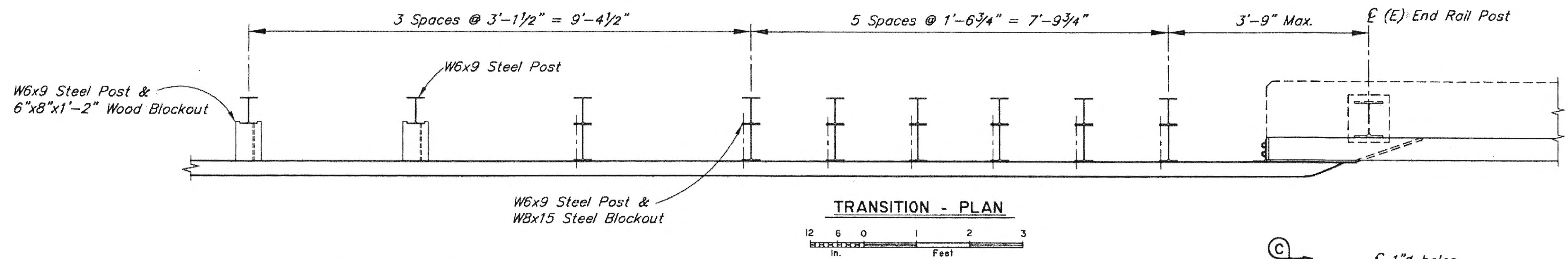
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



LEMON CREEK - S.B. BRIDGE
EGAN DRIVE
RAILING LAYOUT

BRIDGE NO. 1863
DWG. NO. 2

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68129	2014		



NOTES:
 (E) = Existing
 --- = Existing
 - - - = Proposed

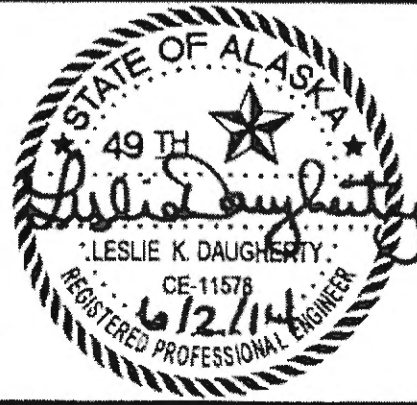
- Guardrail and guardrail connection hardware to conform to AASHTO M-180. H.S. Bolts conform to ASTM A325. Other steel conform to ASTM A709 Grade 36.
- Conform to G-00, G-04S, and G-10 of the Standard Drawings for guardrail details not shown.
- Lap approach guardrail to prevent snags from oncoming traffic.
- Provide 4 1/2" horizontal slot in approach guardrail. Adjust guardrail bolts for sliding fit.
- Thrie Beam transition to follow roadway alignment.
- Match height of existing or new rail elements and end treatments.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Steve Smith* Date: 2/20/14

DESIGNED BY: Sara Manning	CHECKED: Leslie Daugherty
DRAWN BY: Ken Hubert	CHECKED: Sara Manning
QUANTITIES BY: Sara Manning	CHECKED: Leslie Daugherty

REHABILITATION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



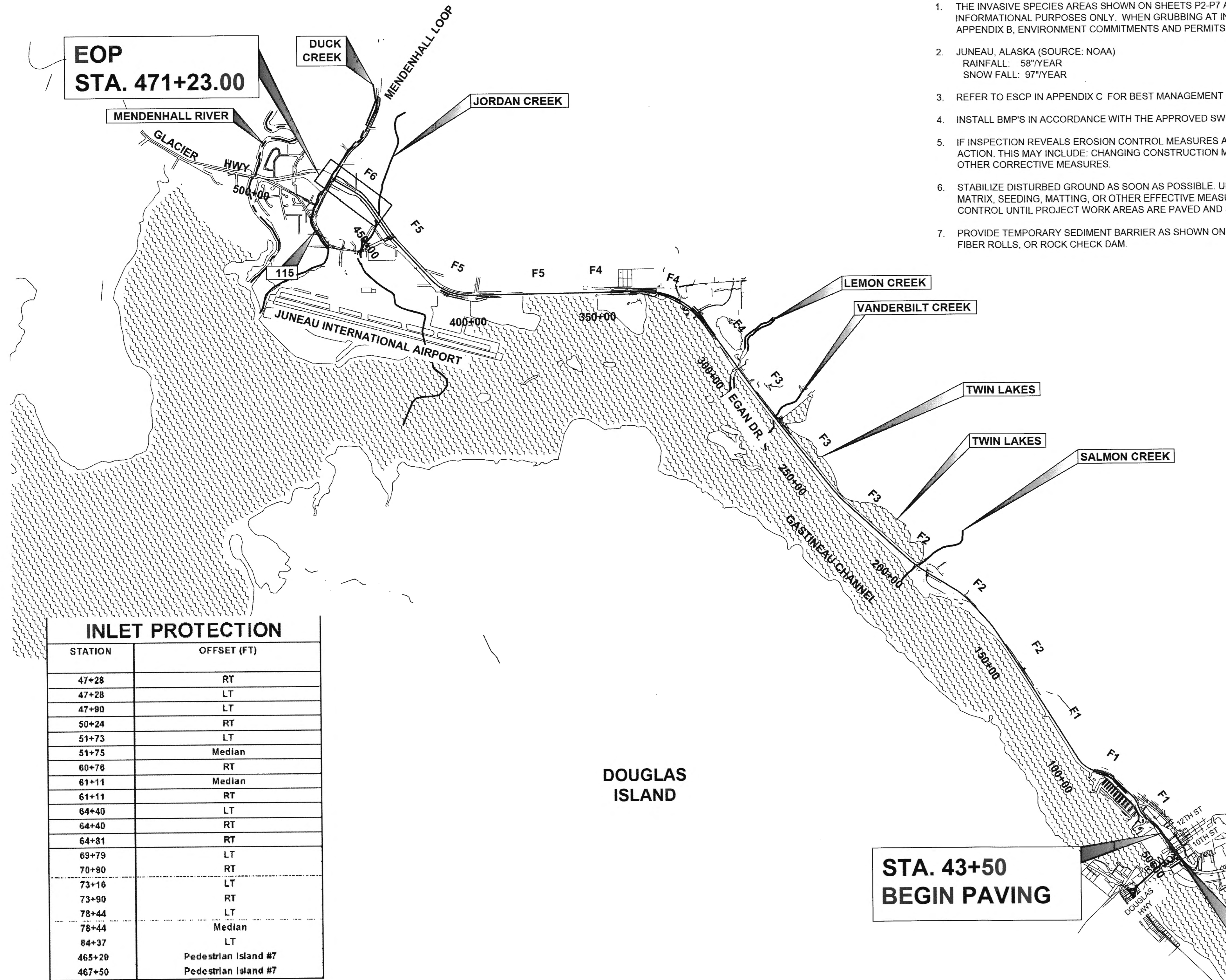
LEMON CREEK - S.B. BRIDGE
 EGAN DRIVE
 BRIDGE RAILING TRANSITION

BRIDGE NO. 1863
 DWG. NO. 3

EROSION AND SEDIMENT CONTROL PLAN:

GENERAL: THE ESCP IS INTENDED TO PROVIDE THE BASIS FOR DEVELOPMENT OF A SWPPP THAT THE CONTRACTOR WILL FOLLOW TO MAINTAIN COMPLIANCE WITH THE APDES PERMIT. IMPLEMENTATION OF THAT SWPPP IS INTENDED TO AVOID AND MINIMIZE RELEASE OF PROJECT-RELATED SEDIMENT.

1. THE INVASIVE SPECIES AREAS SHOWN ON SHEETS P2-P7 AND ASSOCIATED INVASIVE PLANT SPECIES TABLES ON SHEET P7 ARE FOR INFORMATIONAL PURPOSES ONLY. WHEN GRUBBING AT INVASIVE SPECIES LOCATIONS, FOLLOW THE CONDITIONS AND GUIDANCE GIVEN IN APPENDIX B, ENVIRONMENT COMMITMENTS AND PERMITS, AND SECTION 201-3.07 OF THE DOT&PF CONSTRUCTION SPECIFICATIONS.
2. JUNEAU, ALASKA (SOURCE: NOAA)
RAINFALL: 58"/YEAR
SNOW FALL: 97"/YEAR
3. REFER TO ESCP IN APPENDIX C FOR BEST MANAGEMENT PRACTICES (BMP'S) TO DEVELOP THE SWPPP.
4. INSTALL BMP'S IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO EARTH DISTURBING ACTIVITIES.
5. IF INSPECTION REVEALS EROSION CONTROL MEASURES ARE INSUFFICIENT, THE CONTRACTOR SHALL IMMEDIATELY IMPLEMENT CORRECTIVE ACTION. THIS MAY INCLUDE: CHANGING CONSTRUCTION METHODS, INSTALLING ADDITIONAL EROSION CONTROL BMP'S, PHASING WORK, AND OTHER CORRECTIVE MEASURES.
6. STABILIZE DISTURBED GROUND AS SOON AS POSSIBLE. UNSTABILIZED SURFACES MUST BE TEMPORARILY STABILIZED WITH BONDED FIBER MATRIX, SEEDING, MATTING, OR OTHER EFFECTIVE MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION AND SEDIMENT CONTROL UNTIL PROJECT WORK AREAS ARE PAVED AND SEEDED AREAS HAVE ACHIEVED 70% VEGETATIVE COVER.
7. PROVIDE TEMPORARY SEDIMENT BARRIER AS SHOWN ON PLANS, AND AS NECESSARY, TO PREVENT MIGRATION OF SEDIMENT USING SILT FENCE, FIBER ROLLS, OR ROCK CHECK DAM.



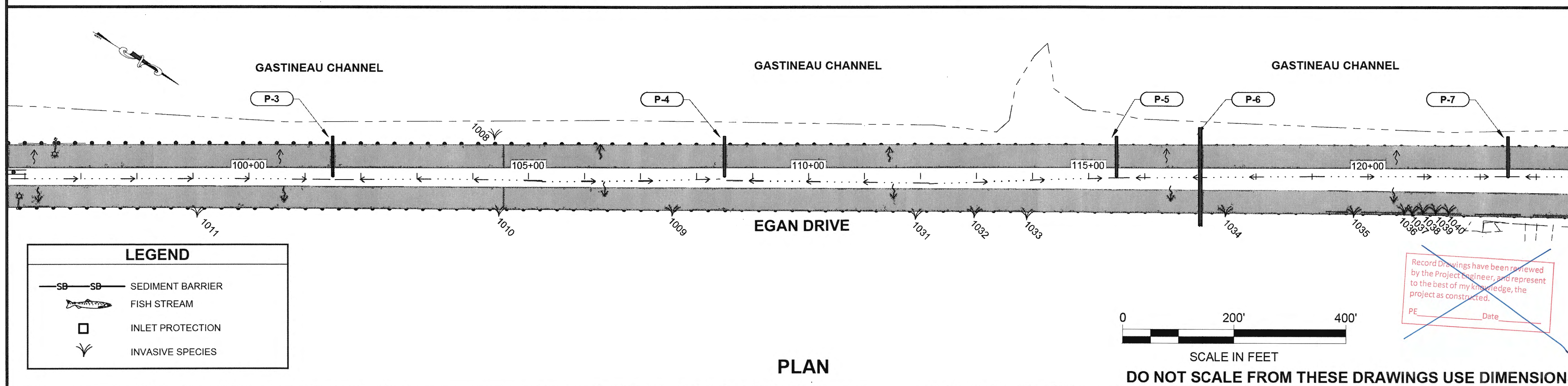
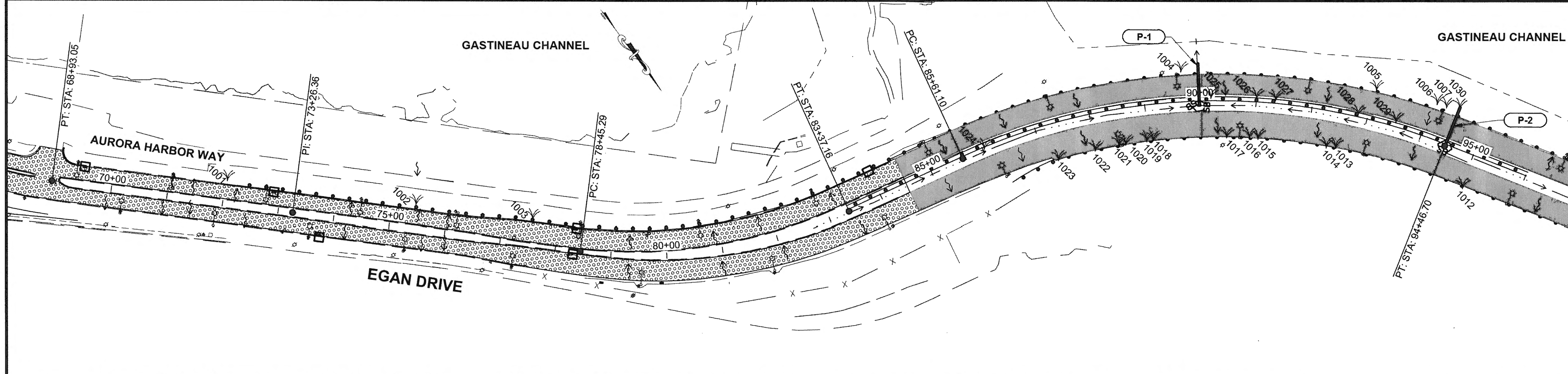
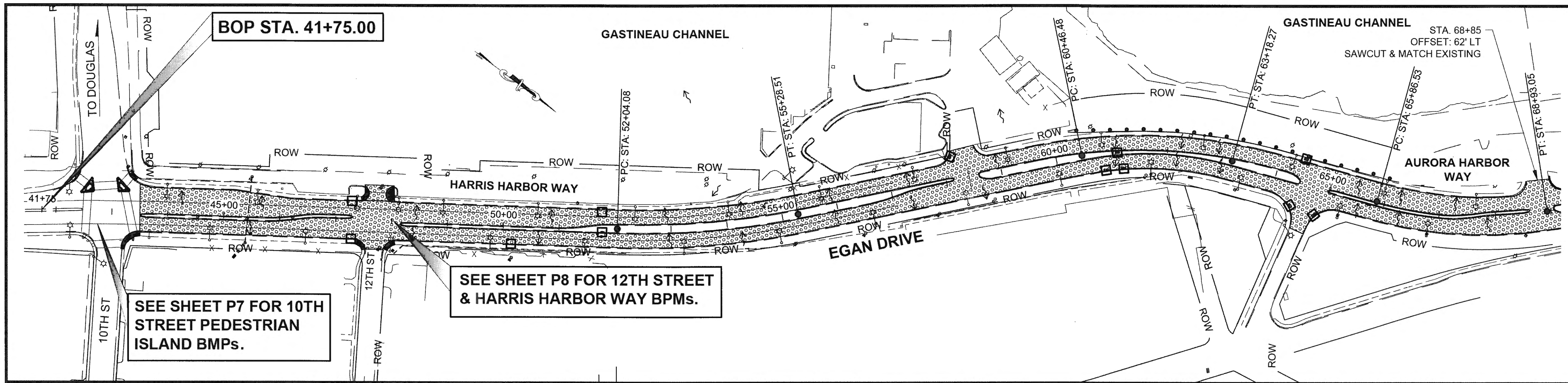
INLET PROTECTION

STATION	OFFSET (FT)
47+28	RT
47+28	LT
47+80	LT
50+24	RT
51+73	LT
51+75	Median
60+78	RT
61+11	Median
61+11	RT
64+40	LT
64+40	RT
64+81	RT
69+79	LT
70+90	RT
73+16	LT
73+90	RT
78+44	LT
78+44	Median
84+37	LT
465+29	Pedestrian Island #7
467+50	Pedestrian Island #7

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Mills* Date: 2/20/20

JUNEAU
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: _____ ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 EROSION & SEDIMENT CONTROL OVERVIEW																			
DESIGNED BY: _____ DRAWN BY: _____		PATH: Q:\JNU\68129\PLANS\SET68129_P1 ESCP.DWG TAB: P1 Thursday, July 30, 2015 3:36:58 PM GEARY, NATE (DOT)																			
<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	NO.	DATE	DESCRIPTION										NH-0932(049)-68129 2015 P1 P7	
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																
NO.	DATE	DESCRIPTION																			



LEGEND

	SB	SEDIMENT BARRIER
	FISH	FISH STREAM
	INLET	INLET PROTECTION
	INVASIVE	INVASIVE SPECIES



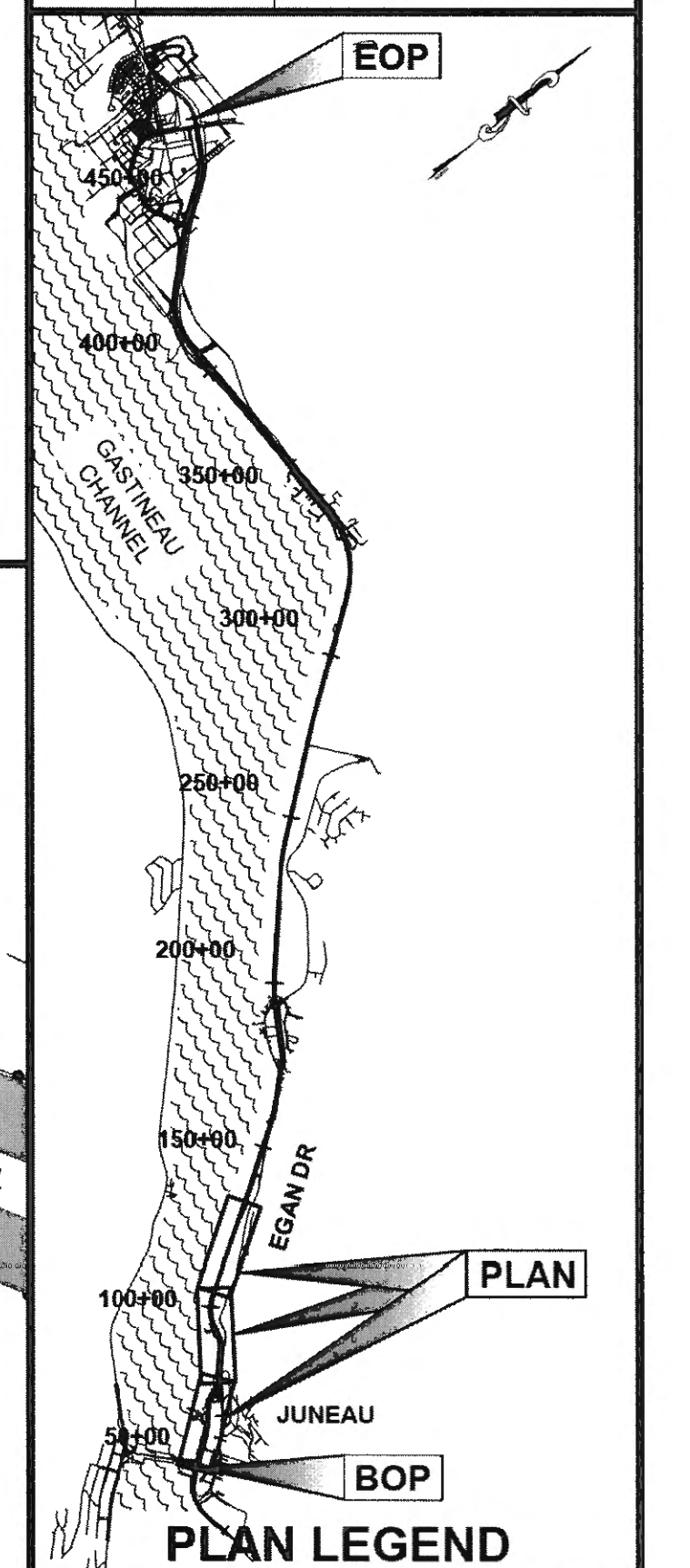
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date _____

PATH: Q:\JNU\68129\PLANS\68129_P2-7 ESCP SHEETS.DWG

GRANTHAM, RICK L (DOT)
TAB: P2 Wednesday, November 18, 2015 2:12:29 PM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP

ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

EROSION & SETTLEMENT CONTROL PLANS

PROJECT DESIGNATION
NH-0932(049)~68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
P2	P7

PLAN

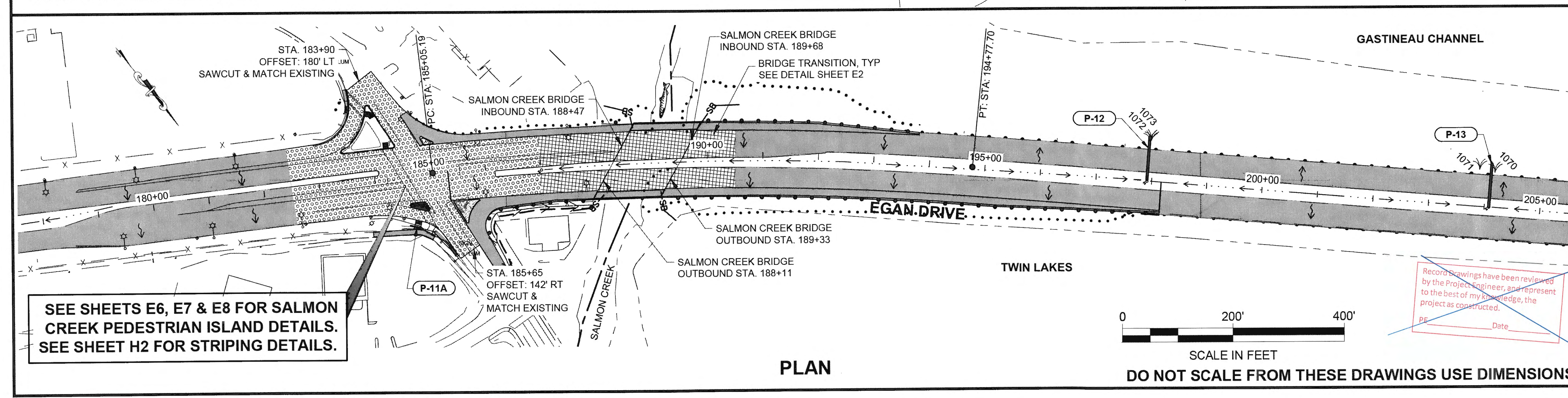
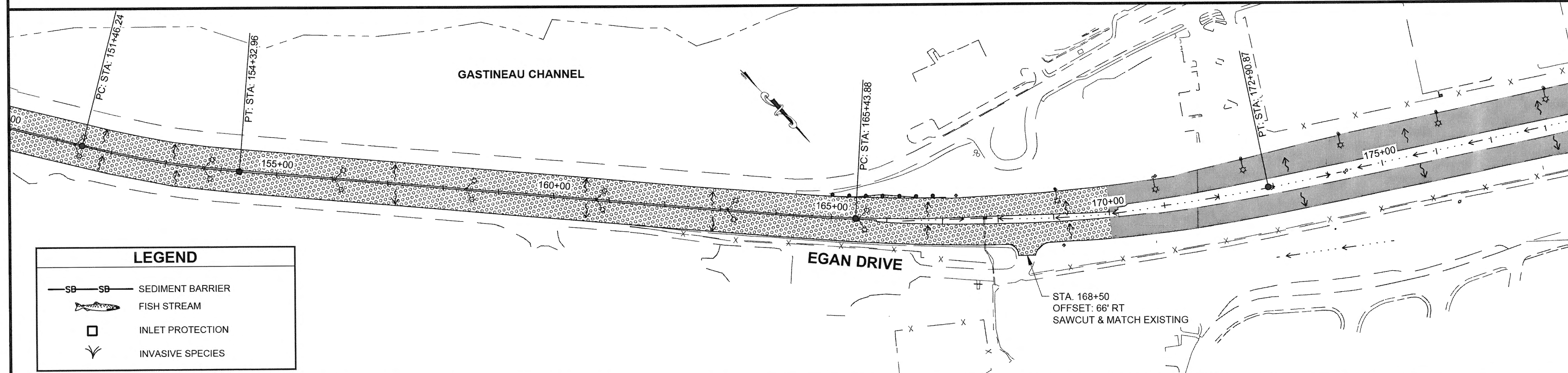
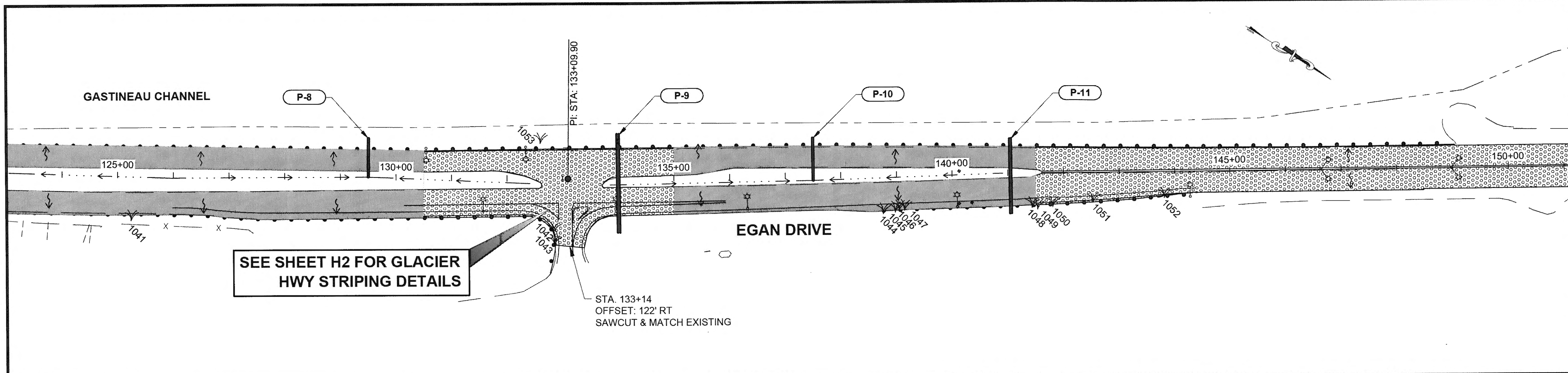
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ATTACHMENT NUMBER

RECORD OF REVISIONS

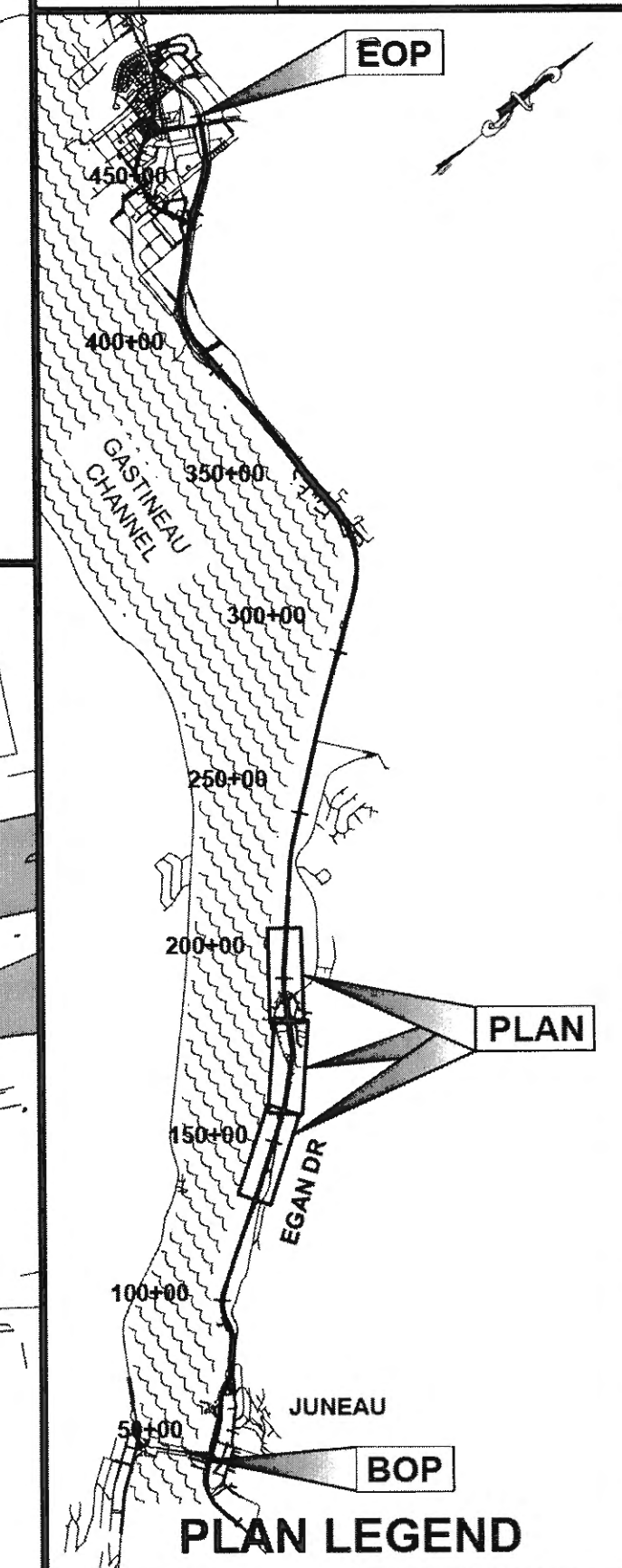
No.	DATE	DESCRIPTION



LEGEND

- SEDIMENT BARRIER
- FISH STREAM
- INLET PROTECTION
- INVASIVE SPECIES

SEE SHEETS E6, E7 & E8 FOR SALMON CREEK PEDESTRIAN ISLAND DETAILS.
SEE SHEET H2 FOR STRIPING DETAILS.



CHECKED BY: C. TRIPP

ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

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

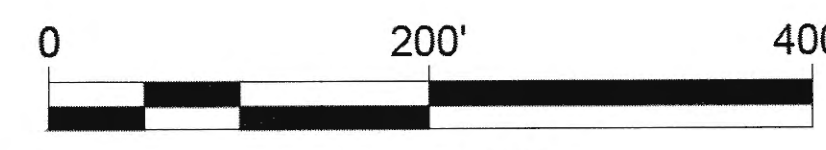
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
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NH-0932(049)~68129

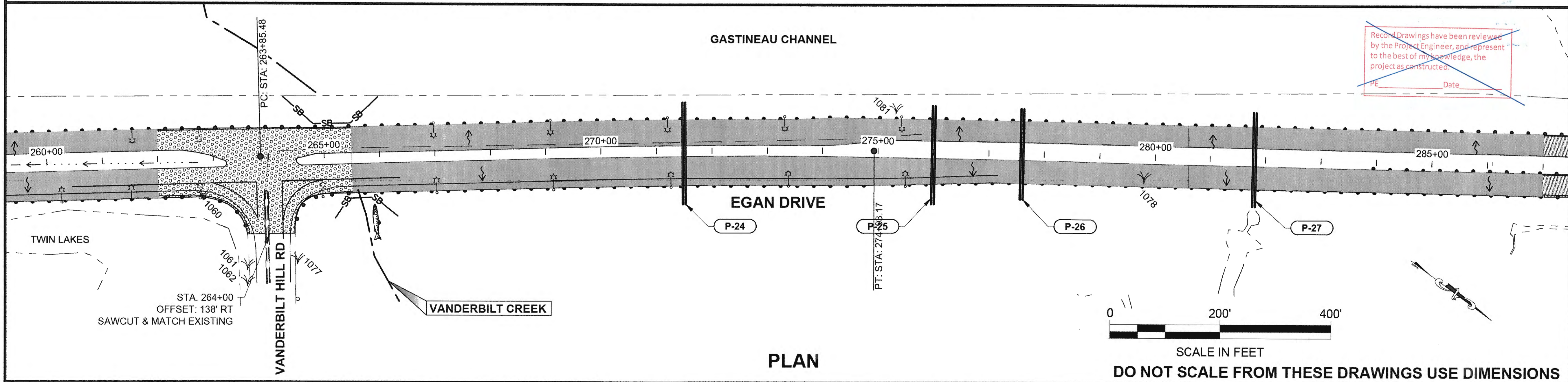
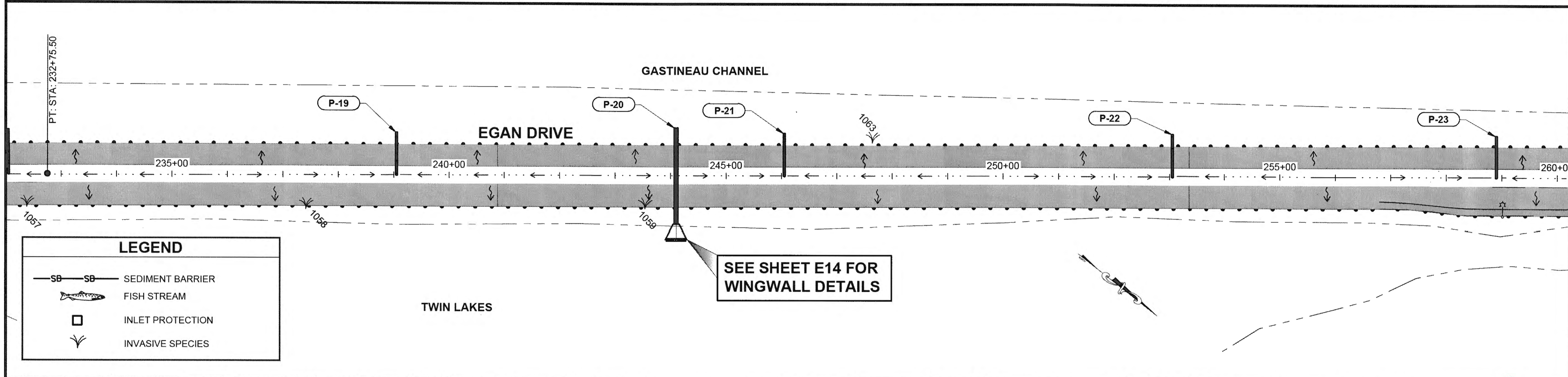
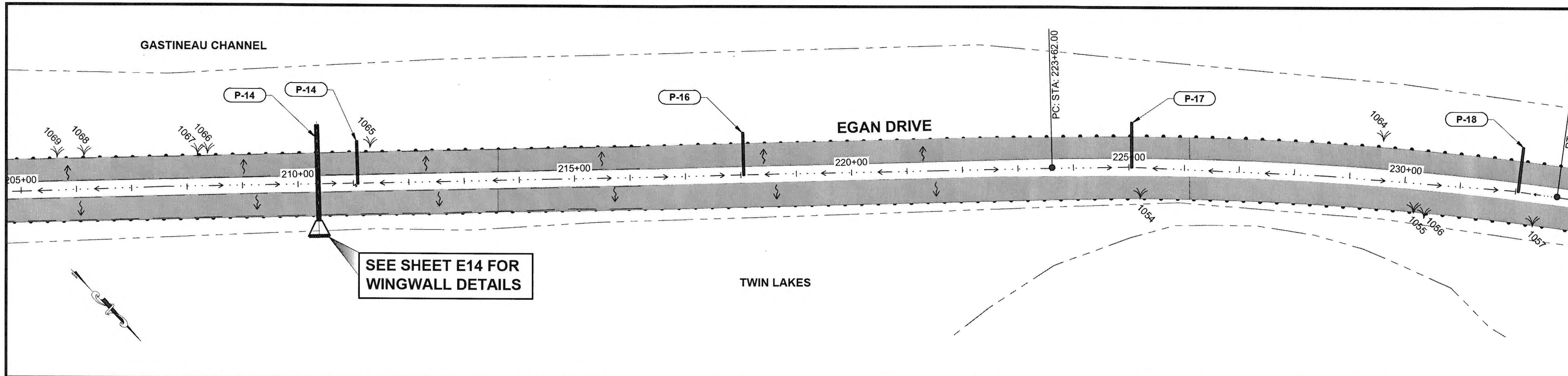
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
P3	P7



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

PLAN



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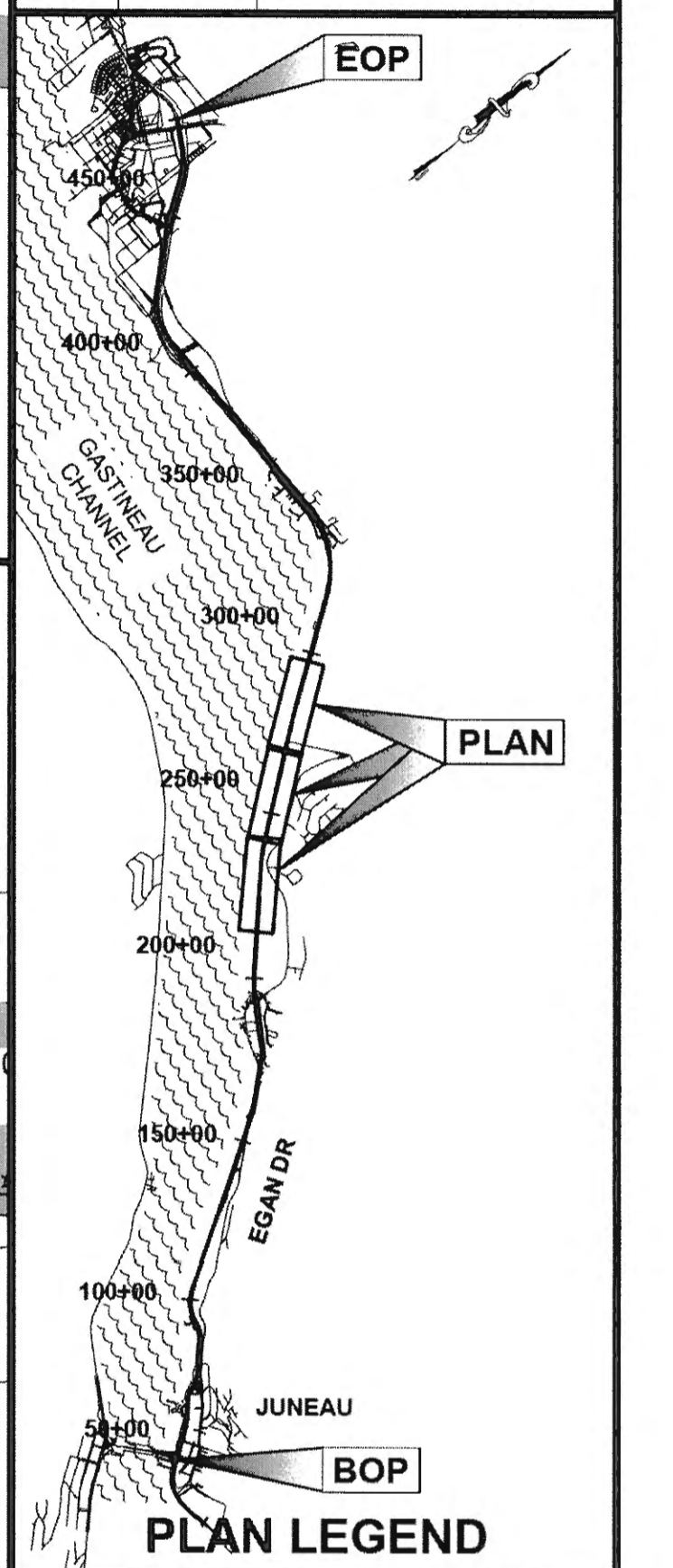
GRANTHAM, RICK L (DOT)
TAB: P4 Wednesday, November 18, 2015 2:14 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP

ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

DESIGNED BY: C. IVANISZEK

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

EROSION & SETTLEMENT CONTROL PLANS

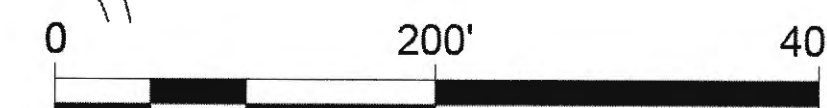
PROJECT DESIGNATION

NH-0932(049)~68129

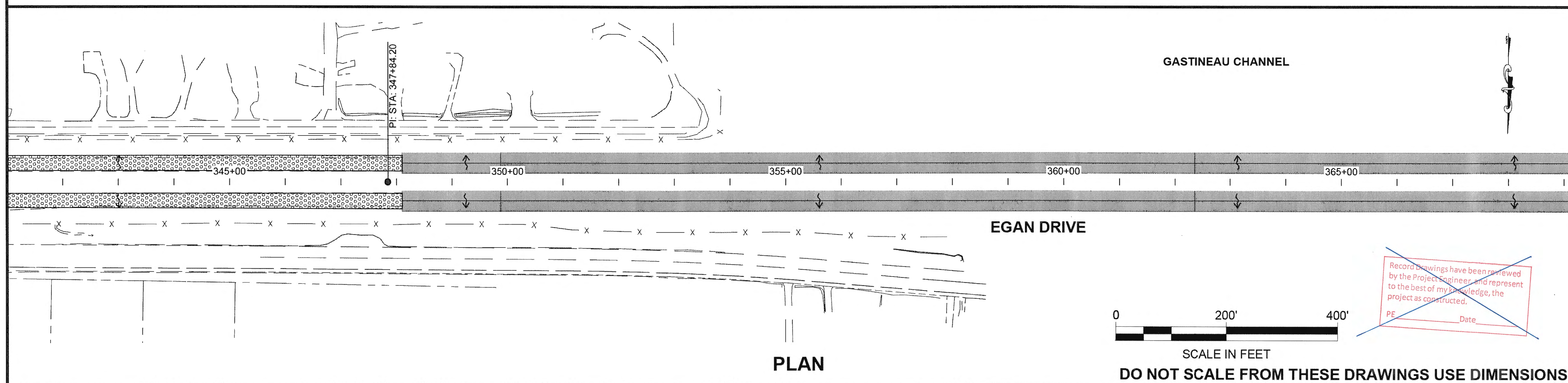
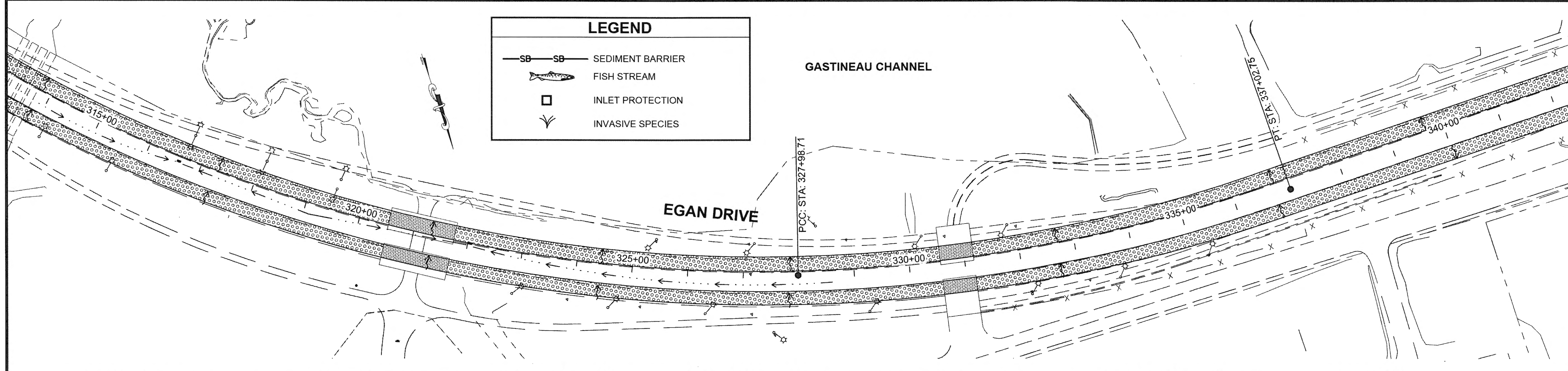
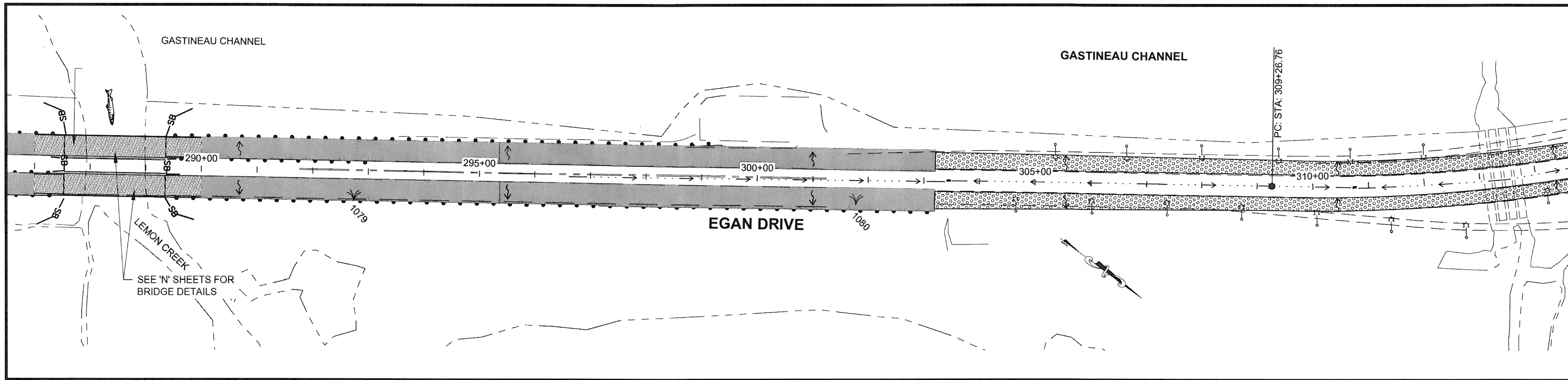
STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
P4	P7

PLAN



SCALE IN FEET
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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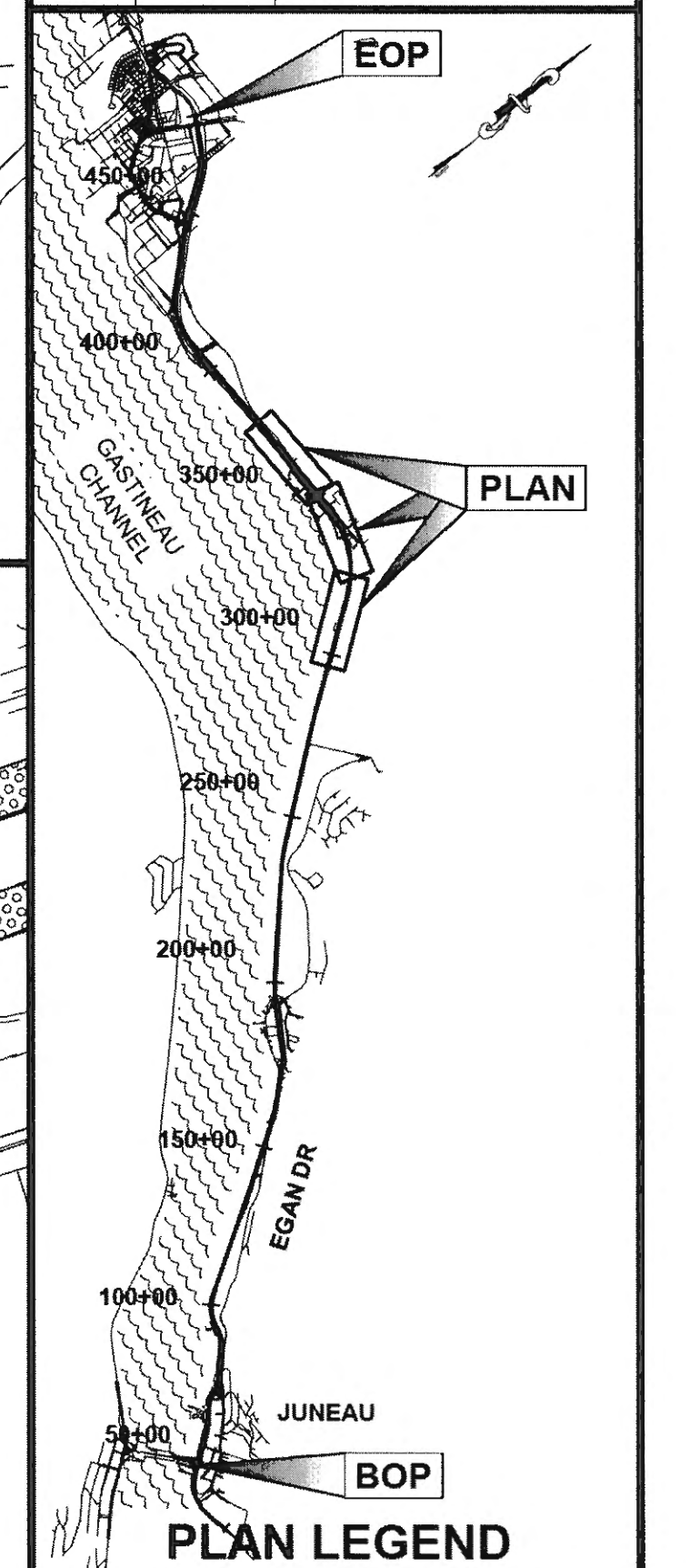
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. TRIPP

ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
PROJECT #68129

EROSION & SETTLEMENT CONTROL PLANS

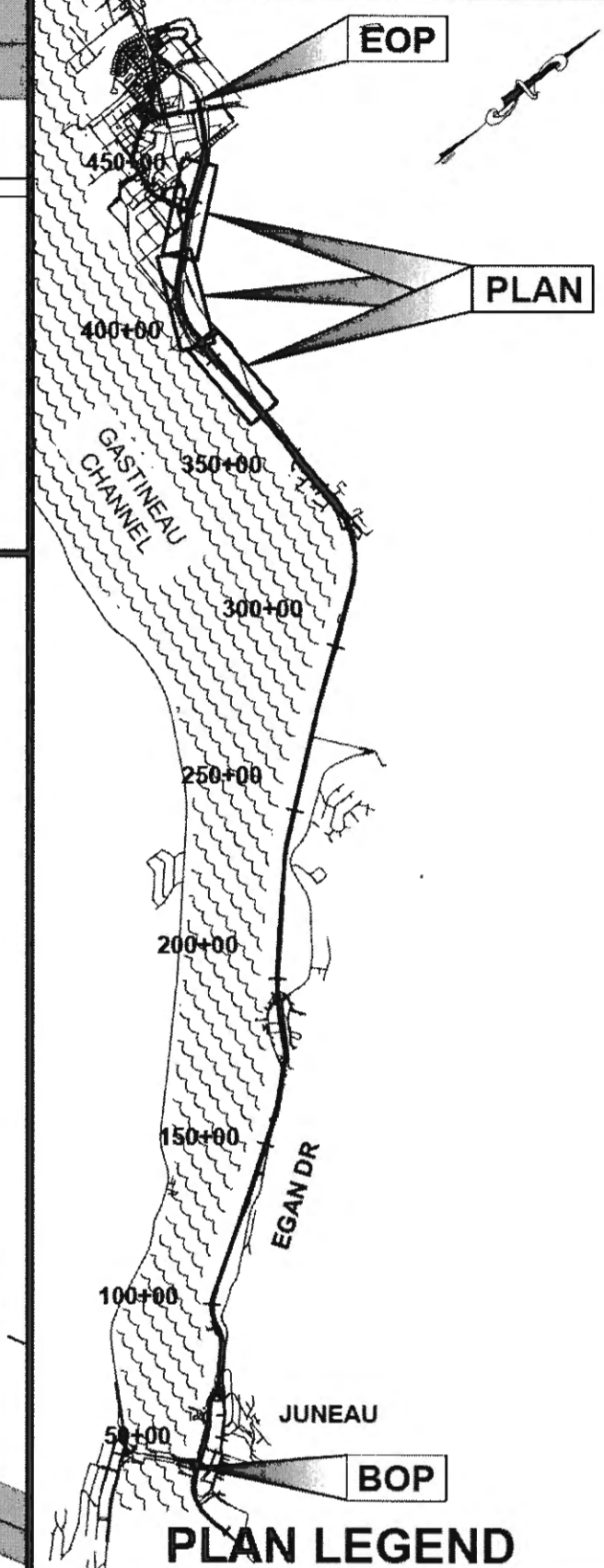
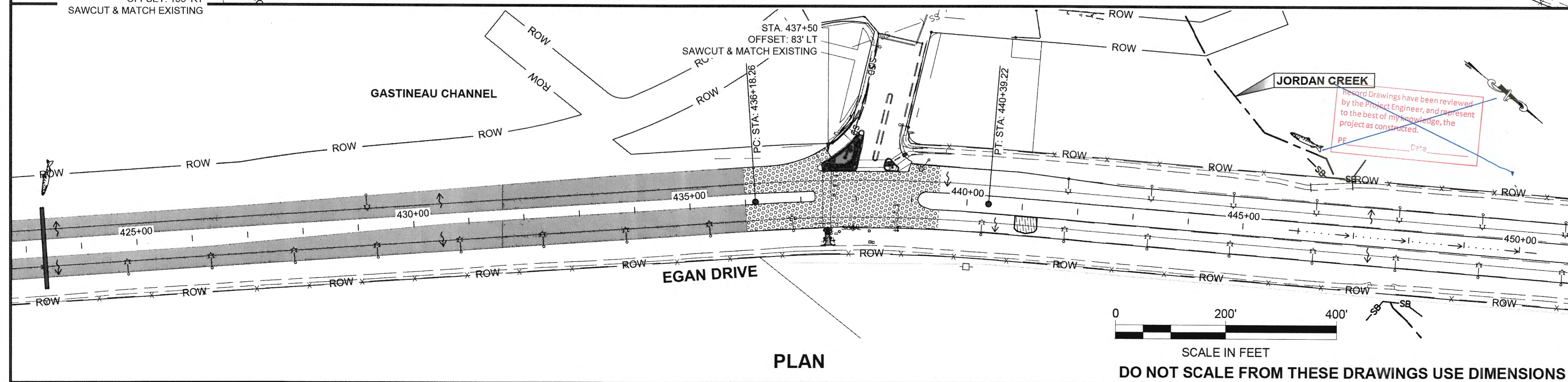
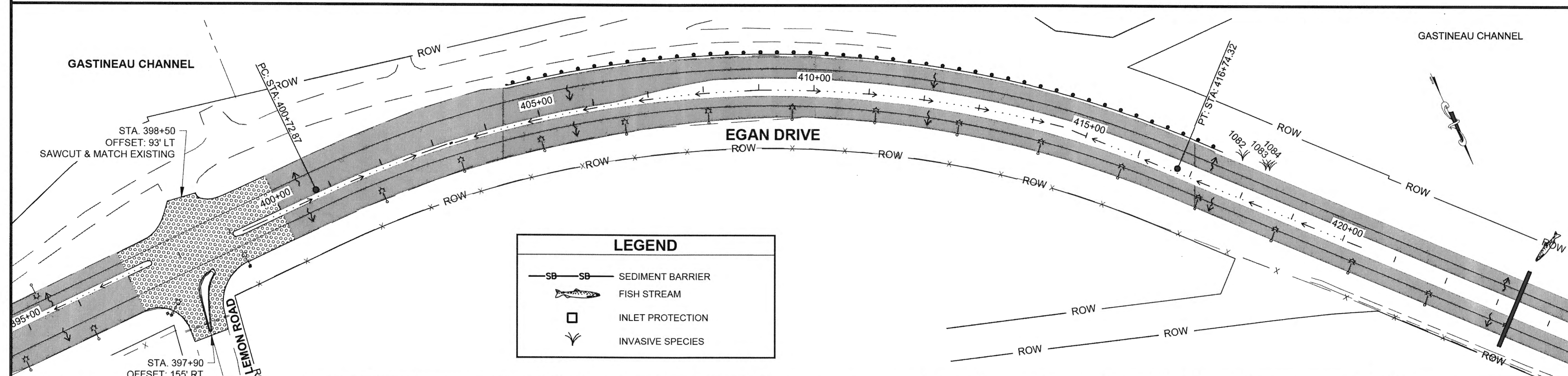
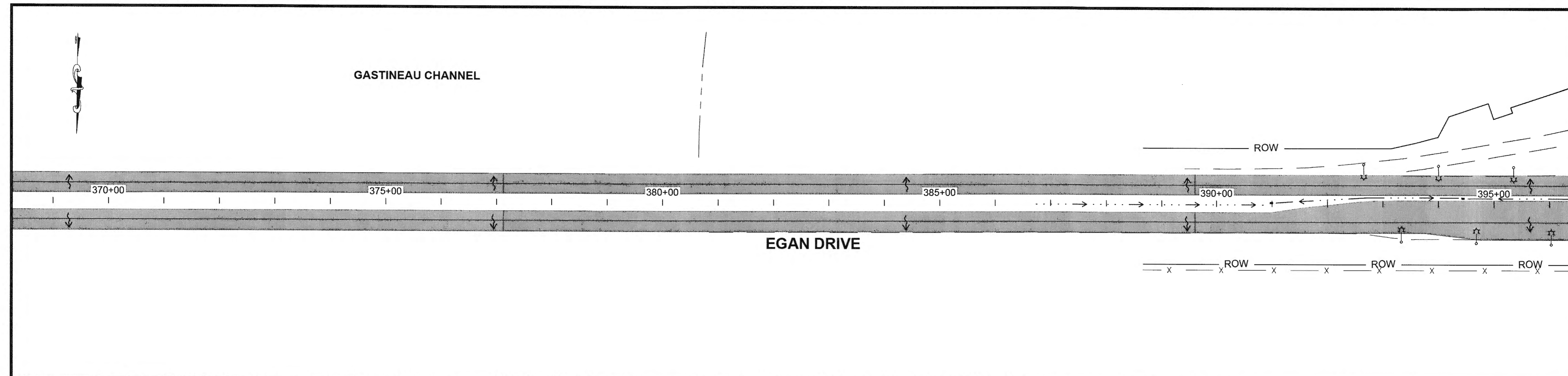
PROJECT DESIGNATION
NH-0932(049)~68129

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
P5	P7

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

No.	DATE	DESCRIPTION



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ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013

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

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHCOST REGION

JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD
 PROJECT #68129

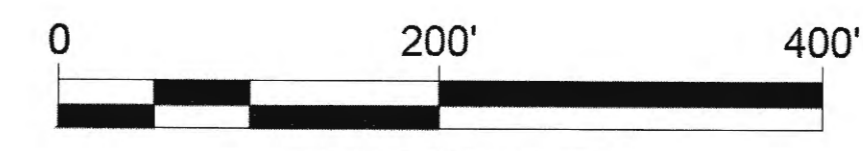
EROSION & SETTLEMENT CONTROL PLANS

PROJECT DESIGNATION

NH-0932(049)-68129

STATE	YEAR
ALASKA	2015

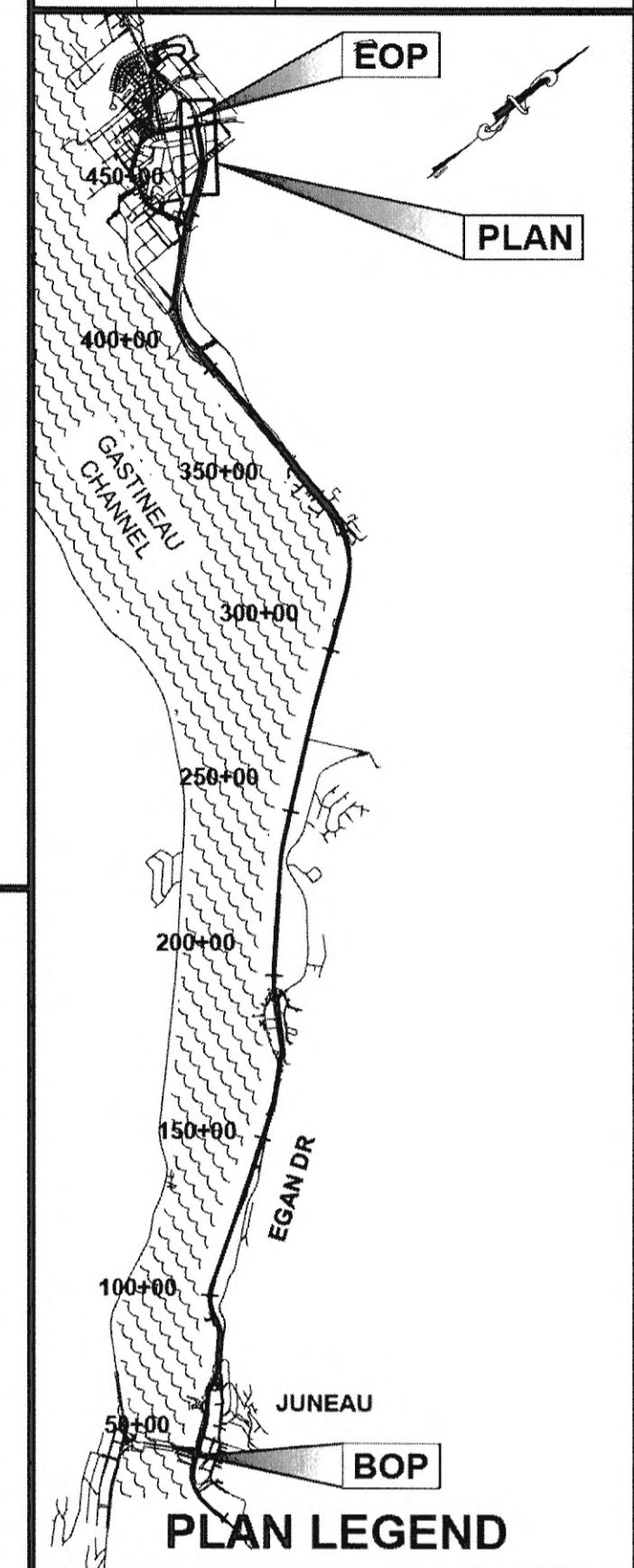
SHEET NUMBER	TOTAL SHEETS
P6	P7



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PLAN

No.	DATE	DESCRIPTION



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

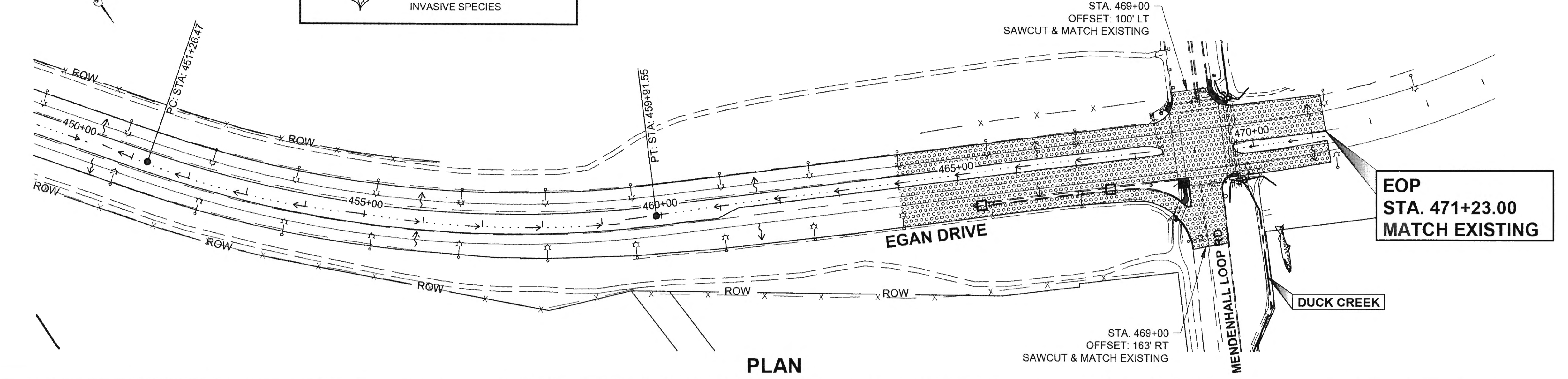
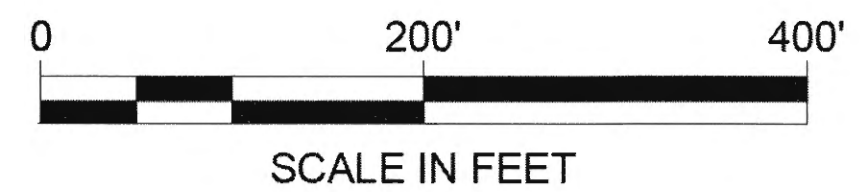
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION
JNU EGAN DRIVE PAVEMENT REHABILITATION 10TH ST. TO MENDENHALL LOOP ROAD PROJECT #68129
EROSION & SETTLEMENT CONTROL PLANS

PROJECT DESIGNATION
NH-0932(049)~68129

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
P7	P7

LEGEND

- SEDIMENT BARRIER
- FISH STREAM
- INLET PROTECTION
- INVASIVE SPECIES



PLAN

INVASIVE PLANT SPECIES LOCATIONS

Point #	Northing	Easting	Station	Side	Species/Approximate Size	Area (S.Y.)
1001	482,104	526,026	72+03	LT	oxeye daisy 4' x 2'	0.89
1002	482,339	525,780	75+43	LT	oxeye daisy orange hawkweed 4' x 2'	0.89
1003	482,485	525,629	77+53	LT	orange hawkweed 87' x 2'	19.33
1004	482,960	524,541	89+67	LT	quackgrass .5' x .5'	0.03
1005	483,192	524,276	93+04	LT	oxeye daisy .5' x .5'	0.03
1006	483,277	524,203	94+09	LT	oxeye daisy .5' x .5'	0.03
1007	483,292	524,194	94+26	LT	oxeye daisy .5' x .5'	0.03
1008	484,151	523,656	104+39	LT	reed canarygrass 6' x 2'	1.33
1009	484,477	523,576	107+57	RT	reed canarygrass 3' x 1'	0.33
1010	484,214	523,741	104+47	RT	reed canarygrass 1' x 1'	0.11
1011	483,758	524,028	99+08	RT	reed canarygrass .5' x .5'	0.03
1012	483,417	524,243	95+05	RT	reed canarygrass 1' x 1'	0.11
1013	483,224	524,388	92+55	RT	oxeye daisy 1' x 1'	0.11
1014	483,214	524,401	92+37	RT	reed canarygrass 4' x .5'	2.22
1015	483,130	524,491	91+08	RT	reed canarygrass .5' x .5'	0.03
1016	483,119	524,502	90+92	RT	reed canarygrass .5' x .5'	0.03
1017	483,094	524,534	90+50	RT	oxeye daisy 8' x .5'	0.44
1018	483,024	524,651	89+06	RT	reed canarygrass	0.11
1019	483,014	524,662	88+91	RT	reed canarygrass 4' x 1'	0.44
1020	482,996	524,693	88+53	RT	reed canarygrass 3' x 2'	0.67
1021	482,991	524,703	88+41	RT	reed canarygrass 5' x .5'	0.28
1022	482,971	524,743	87+94	RT	reed canarygrass 85' x 2'	18.89
1023	482,950	524,809	87+22	RT	reed canarygrass 5' x 2'	1.11
1024	482,862	524,904	86+02	RT	quackgrass 10' x 1'	1.11
1025	483,030	524,524	90+19	LT	quackgrass 50' x 1'	5.56
1026	483,075	524,458	90+99	LT	quackgrass 15' x 2'	3.33
1027	483,098	524,432	91+33	LT	quackgrass 6' x 1'	0.67
1028	483,209	524,329	92+83	LT	oxeye daisy 6' x 1'	0.67
1029	483,259	524,282	93+51	LT	oxeye daisy 45' x .5'	2.50
SUB TOTAL:						61.31

INVASIVE PLANT SPECIES LOCATIONS

Point #	Northing	Easting	Station	Side	Species/Approximate Size	Area (S.Y.)
1030	483,307	524,175	94+48	LT	oxeye daisy 3' x 3' (culvert)	1.00
1031	484,849	523,352	111+92	RT	quackgrass 1' x .5'	0.06
1032	484,936	523,293	112+97	RT	reed canarygrass 6' x .5'	0.33
1033	485,018	523,247	113+90	RT	reed canarygrass 1' x 1'	0.11
1034	485,323	523,066	117+46	RT	reed canarygrass 1' x 1'	0.11
1035	485,519	522,943	119+77	RT	reed canarygrass 24' x 1'	2.67
1036	485,598	522,899	120+67	RT	reed canarygrass 1' x 1'	0.11
1037	485,610	522,893	120+80	RT	reed canarygrass 1' x 1'	0.11
1038	485,626	522,880	121+00	RT	reed canarygrass 1' x 1'	0.11
1039	485,645	522,869	121+23	RT	reed canarygrass 1' x 1'	0.11
1040	485,665	522,857	121+46	RT	quackgrass .5' x .5'	0.03
1041	485,989	522,659	125+25	RT	reed canarygrass .5' x .5'	0.03
1042	486,653	522,279	132+91	RT	reed canarygrass 26' x 1'	2.56
1043	486,664	522,304	132+86	RT	reed canarygrass 5' x 1'	0.56
1044	487,127	521,929	138+76	RT	reed canarygrass 1' x 1'	0.11
1045	487,143	521,915	138+97	RT	reed canarygrass .5' x .5'	0.03
1046	487,148	521,909	139+05	RT	reed canarygrass .5' x .5'	0.03
1047	487,155	521,903	139+14	RT	reed canarygrass .5' x .5'	0.03
1048	487,346	521,775	141+44	RT	reed canarygrass .5' x .5'	0.03
1049	487,356	521,773	141+54	RT	reed canarygrass .5' x .5'	0.03
1050	487,376	521,754	141+81	RT	reed canarygrass 50' x 2'	11.11
1051	487,433	521,709	142+53	RT	reed canarygrass 68' x 2'	15.11
1052	487,537	521,634	143+81	RT	reed canarygrass quackgrass 78' x 2'	17.33
1053	486,544	522,162	132+59	LT	quackgrass .5' x .5'	0.03
1054	493,001	515,677	225+21	RT	oxeye daisy .5' x .5'	0.03
1055	493,359	515,338	230+19	RT	reed canarygrass .5' x .5'	0.03
1056	493,379	515,331	230+40	RT	reed canarygrass 4' x 5'	2.22
1057	493,525	515,201	232+37	RT	reed canarygrass 1' x .5'	0.06
1058	493,919	514,883	237+43	RT	reed canarygrass 2' x 5'	1.11
1059	494,398	514,506	243+52	RT	reed canarygrass .5' x .5'	0.03
SUB TOTAL:						55.19

INVASIVE PLANT SPECIES LOCATIONS

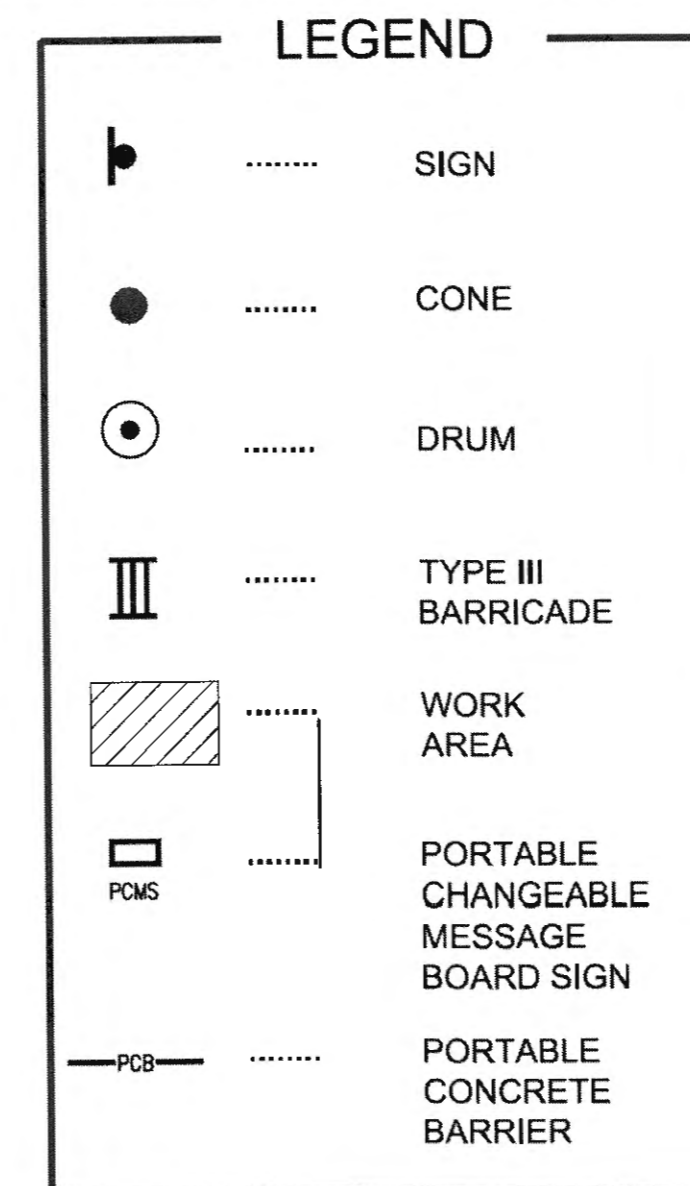
Point #	Northing	Easting	Station	Side	Species/Approximate Size	Area (S.Y.)
1060	495,922	513,317	262+85	RT	reed canarygrass 7' x 1'	0.78
1061	496,073	513,379	263+66	RT	reed canarygrass 60' x 4'	26.67
1062	496,090	513,402	263+64	RT	reed canarygrass 1' x 1'	0.11
1063	494,653	514,165	247+64	LT	reed canarygrass .5' x .5'	0.03
1064	493,233	515,290	229+56	LT	reed canarygrass 1' x 1'	0.11
1065	491,973	516,619	211+31	LT	reed canarygrass 6' x 6' (culvert)	4.00
1066	491,778	516,838	208+38	LT	reed canarygrass 2' x 2'	0.44
1067	491,767	516,852	208+20	LT	reed canarygrass 6' x 2'	1.33
1068	491,627	517,002	206+15	LT	reed canarygrass 33' x .5'	1.83
1069	491,595	517,038	205+66	LT	reed canarygrass 4' x .5'	0.22
1070	491,493	517,158	204+09	LT	reed canarygrass 3' x .5'	0.17
1071	491,472	517,176	203+82	LT	reed canarygrass 1' x .5'	0.06
1072	491,064	517,601	197+93	LT	reed canarygrass 2' x 2' (culvert)	0.44
1073	491,063	517,597	197+95	LT	reed canarygrass 3' x 3' (culvert)	1.00
1074	moved to Salmon Creek project					
1075	moved to Salmon Creek project					
1076	moved to Salmon Creek project					
1077	496,131	513,321	264+47	RT	reed canarygrass 18' x 2'	4.00
1078	497,265	512,298	279+80	RT	reed canarygrass .5' x .5'	0.03
1079	498,315	511,535	292+72	RT	reed canarygrass 3' x 1'	0.17
1080	499,053	511,010	301+78	RT	reed canarygrass .5' x .5'	0.03
1081	496,834	512,458	275+31	LT	reed canarygrass 1' x 1' (culvert)	0.11
1082	501,371	500,241	417+78	LT	reed canarygrass 6' x 2'	1.33
1083	501,405	500,211	418+23	LT	reed canarygrass .5' x .5'	0.03
1084	501,408	500,205	418+30	LT	quackgrass .5' x .5'	0.03
1085	481,735	526,930	64+73	RT	common tansy 3' x .5'	0.17
SUB TOTAL:						43.08

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

TRAFFIC CONTROL NOTES

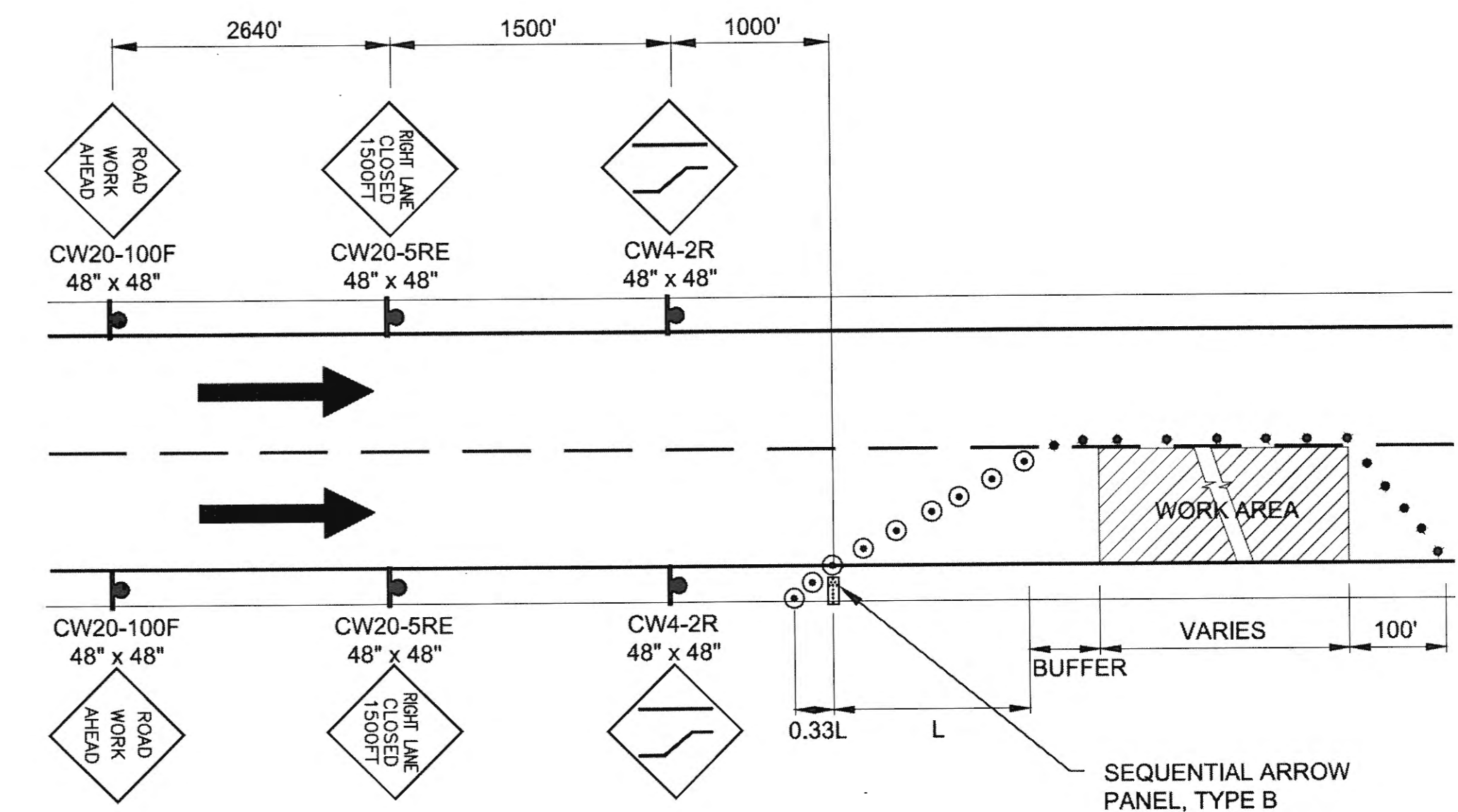
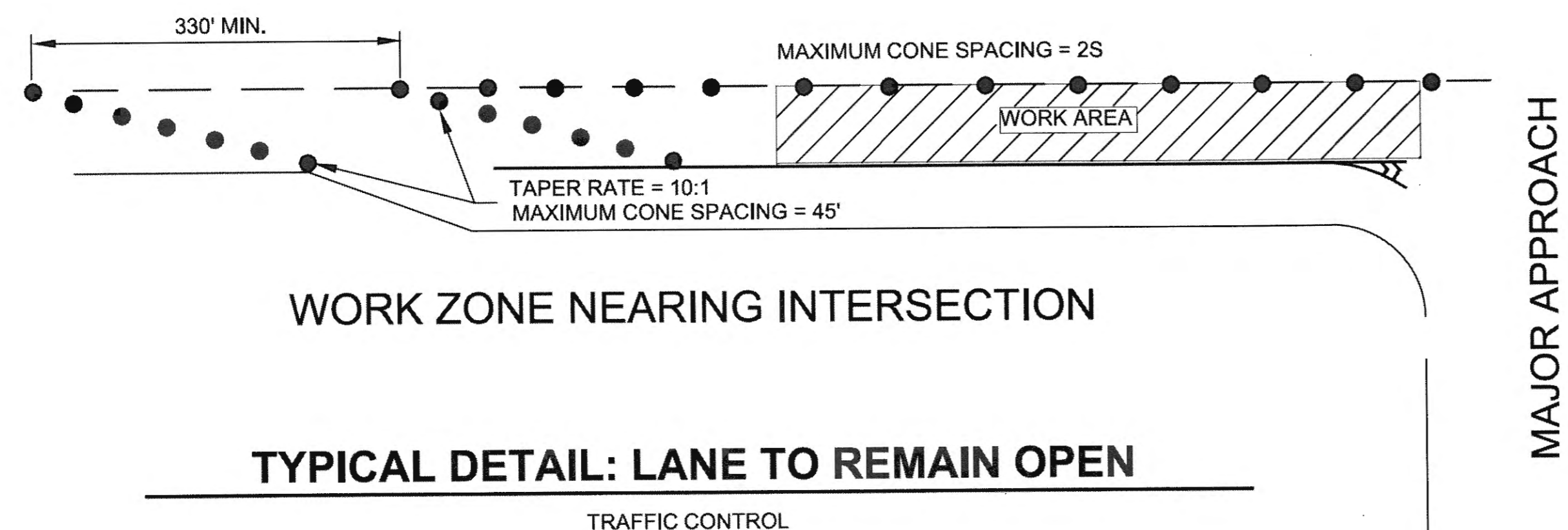
1. SEE SECTION 643-3.08 FOR LIMITATIONS ON TRAFFIC RESTRICTIONS.
2. USE TYPE B WARNING LIGHTS ON ADVANCE WARNING SIGNS.
3. DOUBLE TRAFFIC FINE SIGNS SHALL BE INSTALLED AS SHOWN ON STD DWG C-04.12 AND AS SHOWN IN THESE PLANS. DOUBLE FINE SIGNS (R16-100, R16-101, CW20-102, AND ASSOCIATED CW1-6 OR CW1-7) ARE PERMANENT CONSTRUCTION SIGNS. REMOVE OR COVER THEM IF THE CONDITIONS IN C-04.12 NOTE 2 AND 3 DO NOT EXIST.
4. PROTECT WITH PORTABLE CONCRETE BARRIERS ALL AREAS OF REMOVED GUARDRAIL.
5. COVER DIRECTIONAL LANE SIGNS (R3-5 & R3-6 SERIES, TYPICALLY MOUNTED ON SIGNAL POLE MASTARMS) THAT CONTRADICT THE MOVEMENT RESTRICTIONS IN THE TCP.
6. DETOUR PLANS ARE NOT PROVIDED. THE CONTRACTOR SHALL SUBMIT DETOUR PLANS WITH THE TCP'S FOR OPERATIONS THAT WILL LIMIT ACCESS.
7. USE TYPE II BARRICADES AND R9 SERIES SIGNS TO CLOSE SIDEWALKS AND CROSSWALKS.
8. MAX CONE OR DRUM SPACING SHALL NOT EXCEED 45' ON TAPERS OR 90' ON TANGENTS
9. MAXIMUM DRUM OR CONE SPACING FOR CLOSED TURN LANES AND INTERSECTIONS = 20 FEET
10. THE LENGTH OF WORK AREA SHALL BE MINIMIZED TO AVOID EXCESSIVE TRAFFIC DELAYS AS DIRECTED BY THE ENGINEER.
11. WHEN WORKING ON EGAN DRIVE SHOULDERS THE CONTRACTOR SHALL CLOSE THE RIGHT LANE.



MAXIMUM DRUM OR CONE SPACING FOR CLOSED TURN LANES AND INTERSECTIONS = 20 FEET

TCP SETUP TABLE

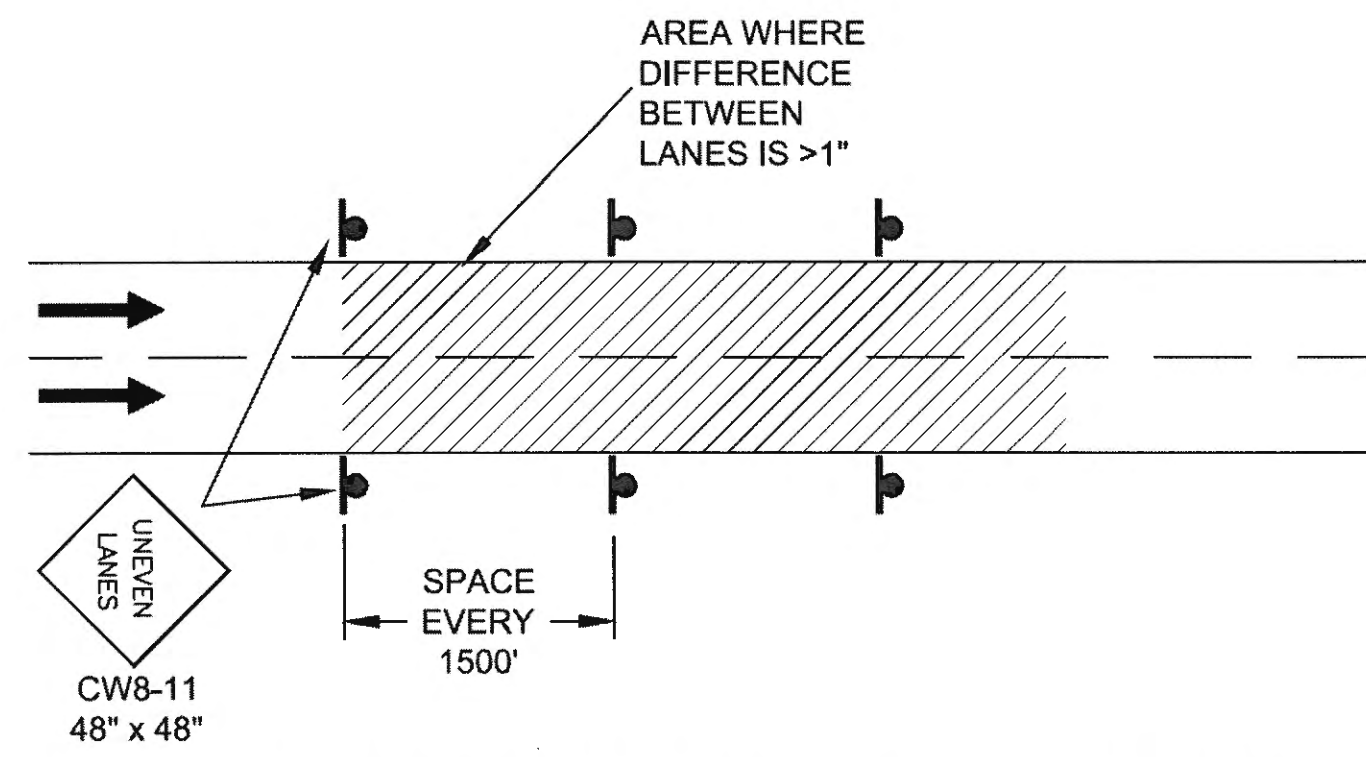
SPEED (MPH)	MIN MERGING TAPER LENGTH (L) IN FEET WIDTH OF OFFSET (W) IN FEET			MIN NUMBER OF DEVICES WIDTH OF OFFSET (W) IN FEET			MAX DEVICE SPACING IN FEET		BUFFER SPACE (FT)
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	
25 OR BELOW	105	115	125	6	6	6	25	50	155
30	150	165	180	6	7	7	30	60	200
35	205	225	245	7	8	8	35	70	250
40	270	295	320	8	9	9	40	80	305
45	450	495	540	11	12	13	45	90	360
50	500	550	600	11	12	13	45	90	425
55	550	605	660	11	12	13	45	90	495
60	600	660	720	11	12	13	45	90	570



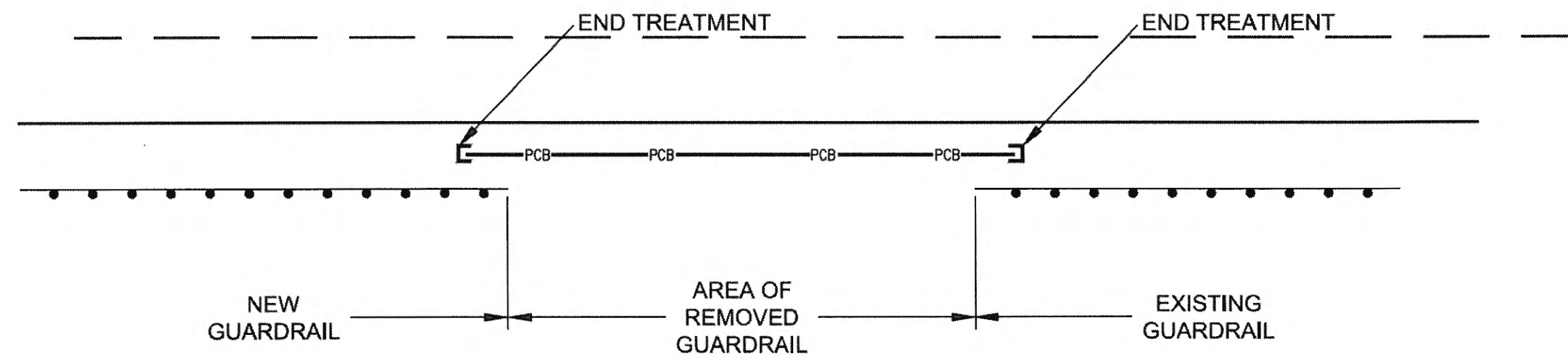
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date _____

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

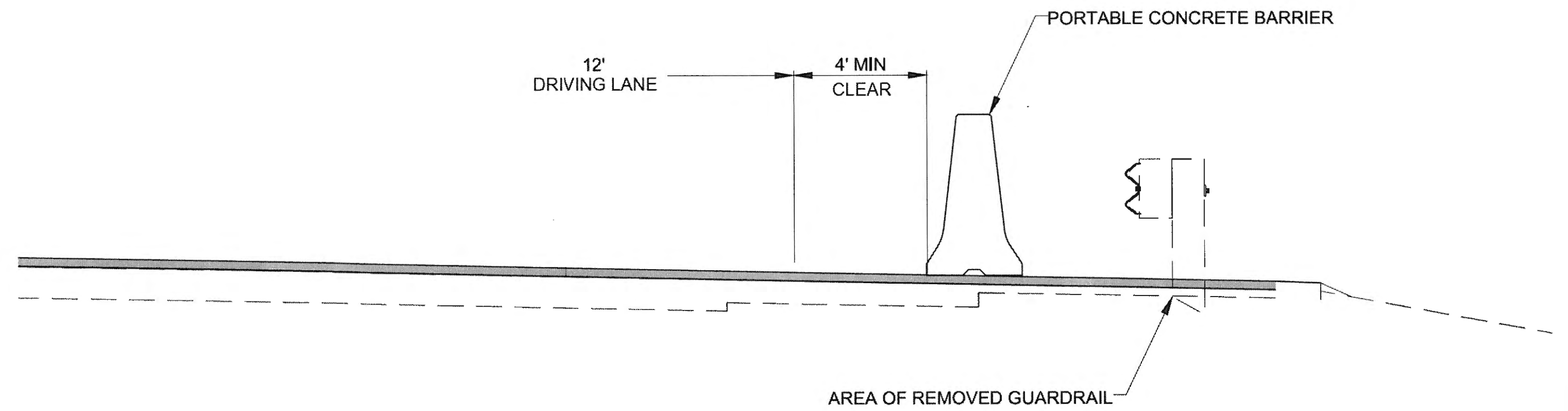
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TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.	GEARY, NATE (DOT)																		
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REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS														
NO.	DATE	DESCRIPTION																	
		NH-0932(049)-68129	2015	T1	T16														



TYPICAL UNEVEN LANE WARNING



PLAN VIEW



TYPICAL SECTION

TYPICAL DETAIL: PROTECTION OF AREAS OF REMOVED GUARDRAIL

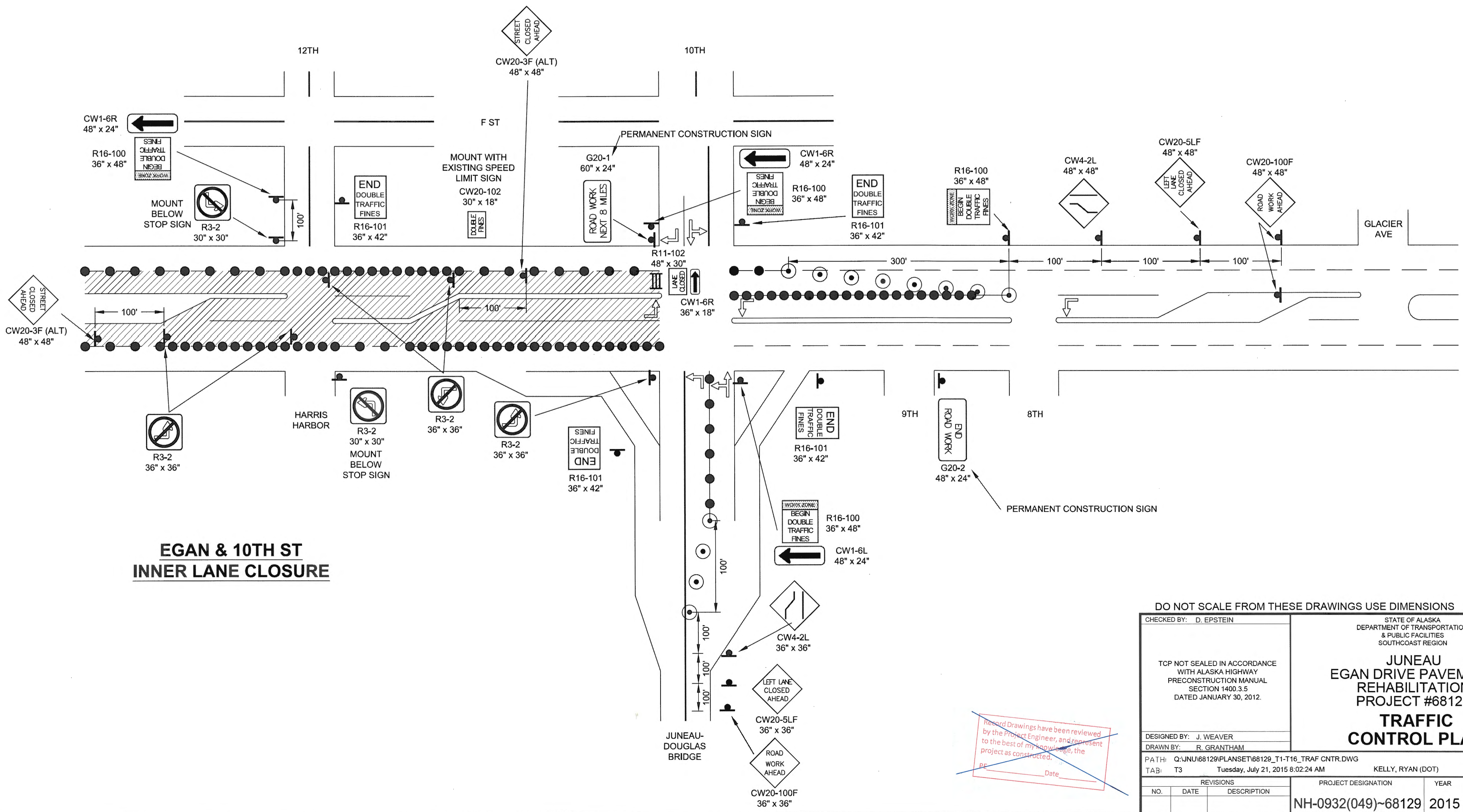
TRAFFIC CONTROL

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
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DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN TYP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 TRAFFIC CONTROL PLAN												
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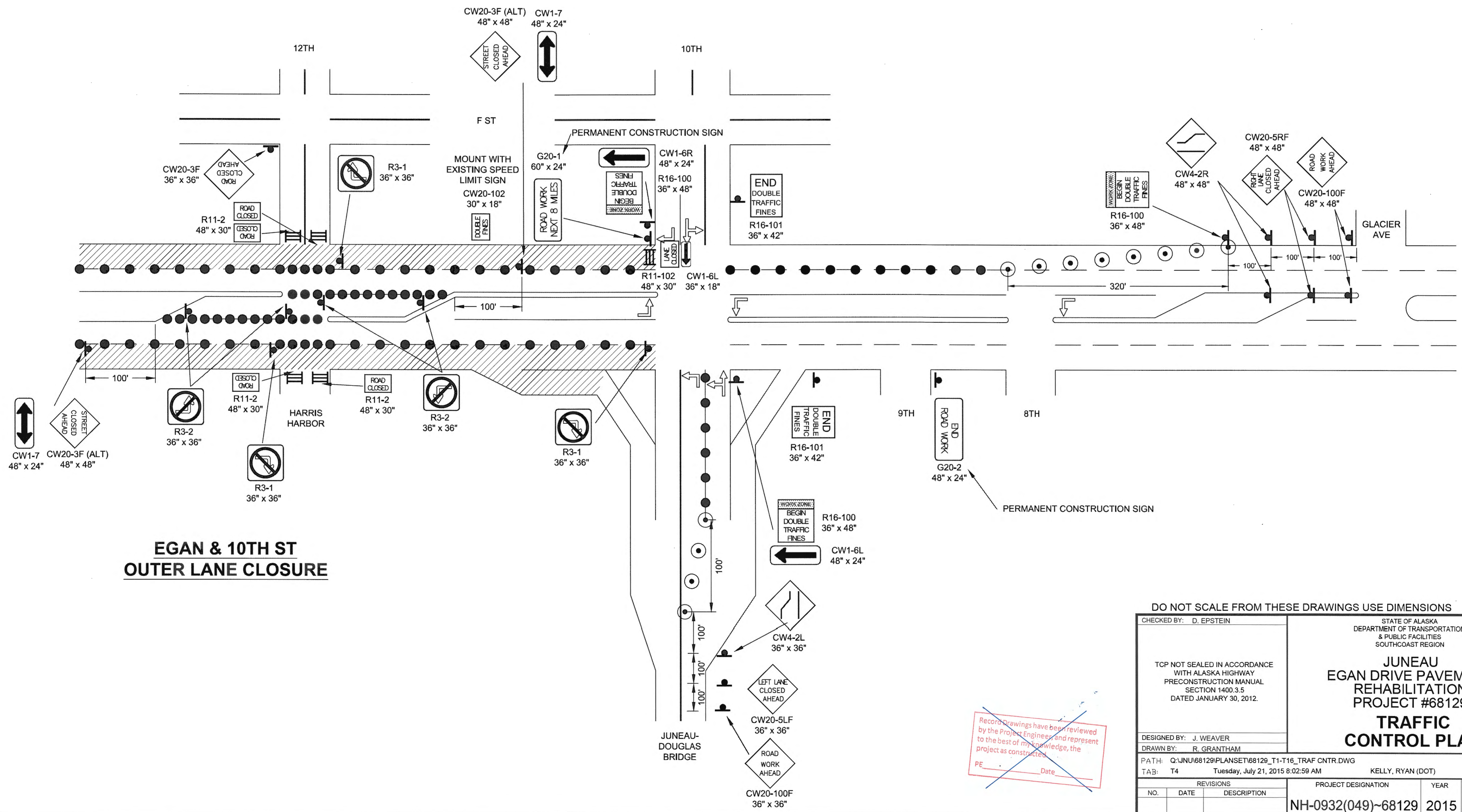
**EGAN & 10TH ST
INNER LANE CLOSURE**



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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION	
TOP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		<p align="center">JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 TRAFFIC CONTROL PLAN</p>	
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NO.	DATE	DESCRIPTION	YEAR
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		SHEET NO.	TOTAL SHEETS
		T3	T16



**EGAN & 10TH ST
OUTER LANE CLOSURE**

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CHECKED BY: D. EPSTEIN

TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.

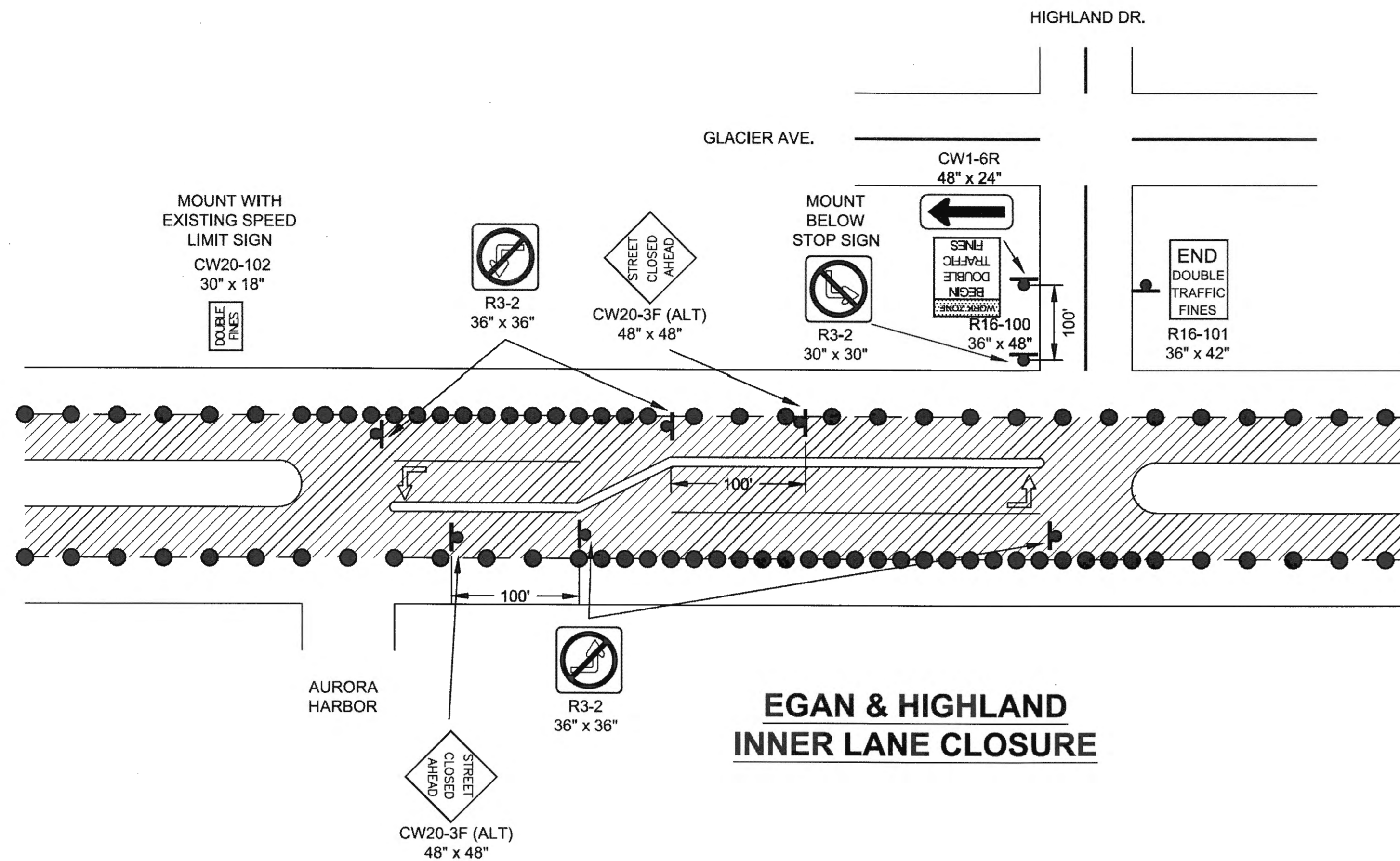
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DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOAST REGION

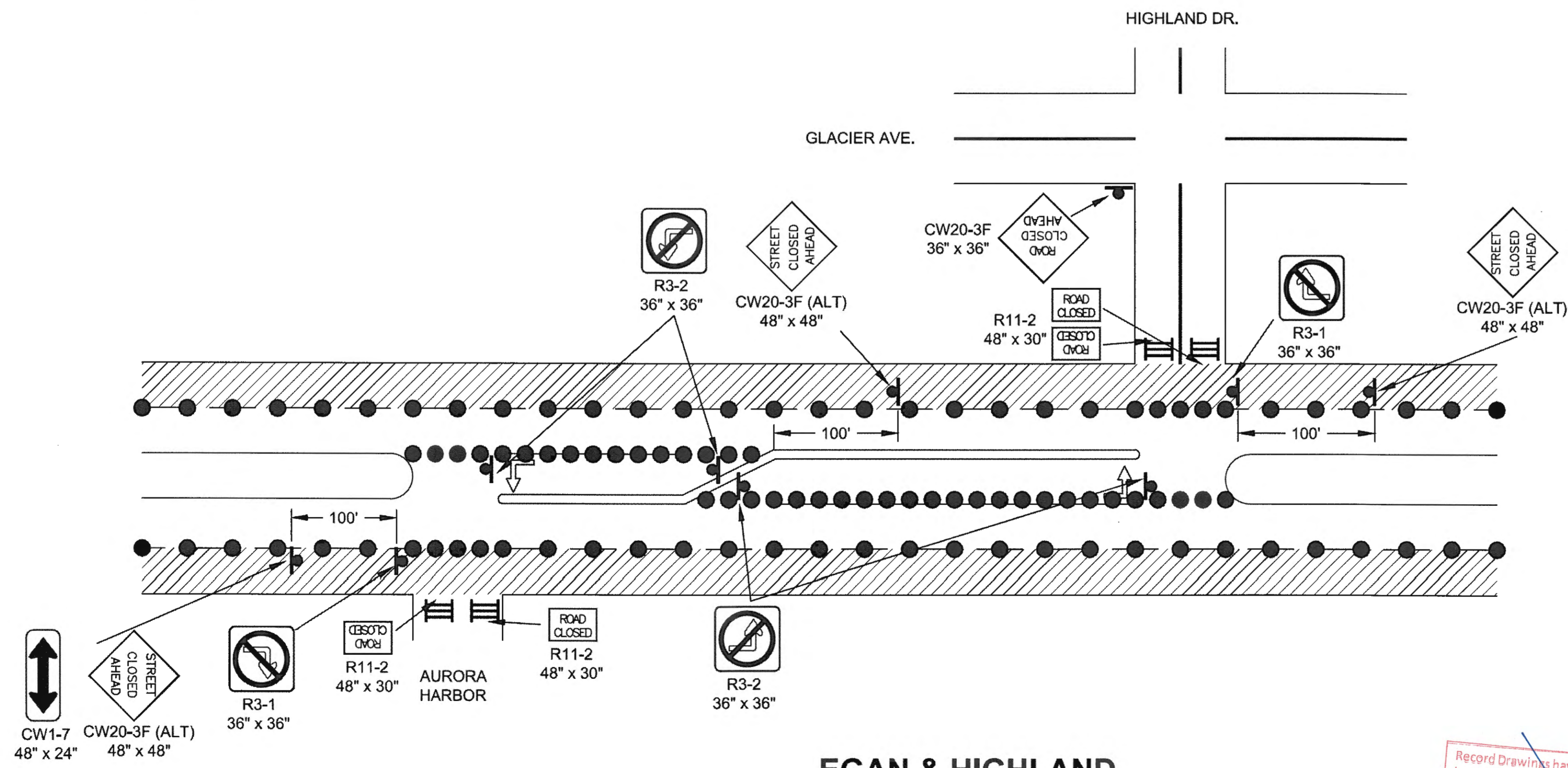
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REHABILITATION
PROJECT #68129
TRAFFIC
CONTROL PLAN**

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**EGAN & HIGHLAND
INNER LANE CLOSURE**



**EGAN & HIGHLAND
OUTER LANE CLOSURE**

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CHECKED BY: D. EPSTEIN

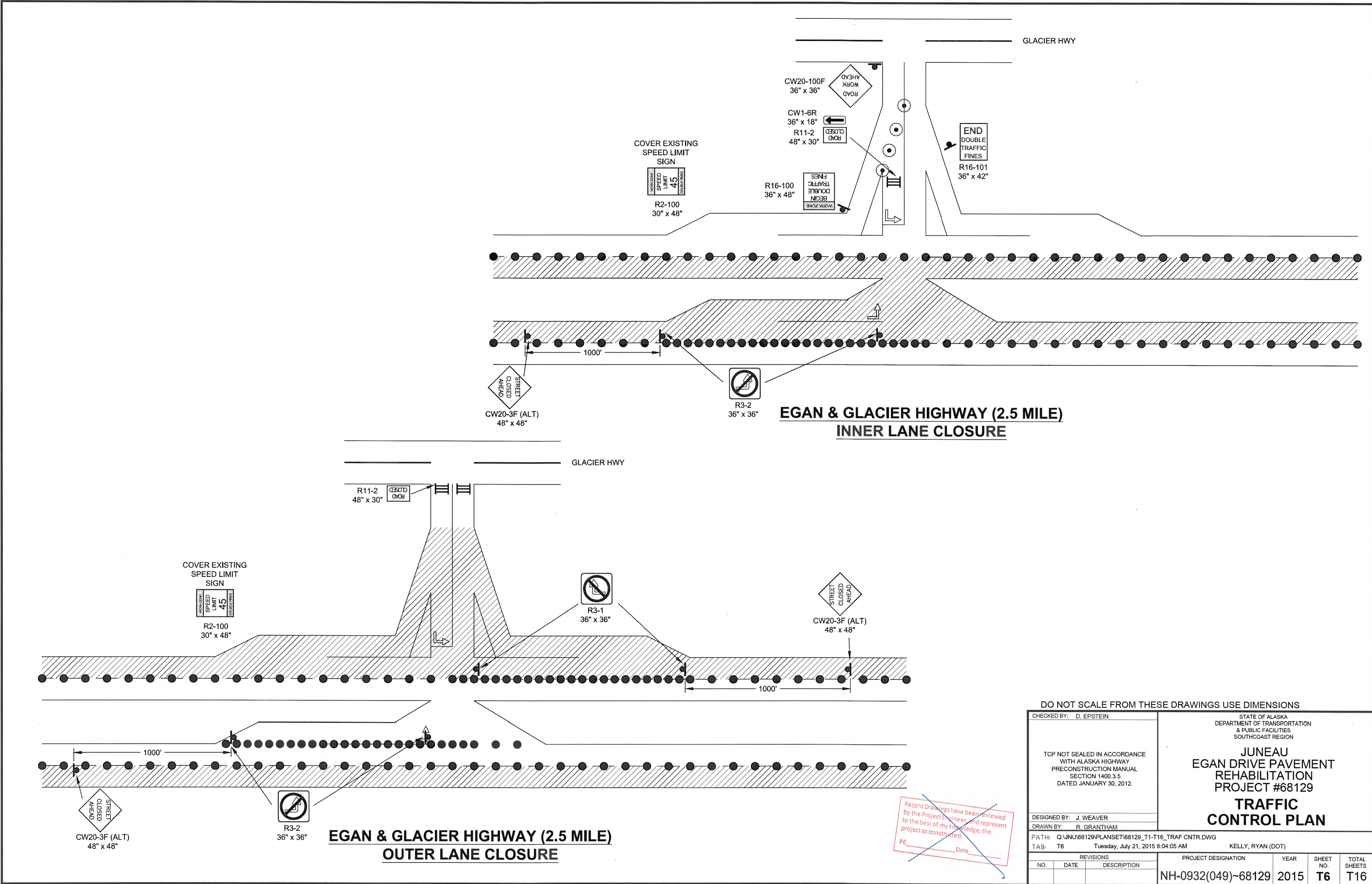
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

**JUNEAU
EGAN DRIVE PAVEMENT
REHABILITATION
PROJECT #68129
TRAFFIC
CONTROL PLAN**

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-0932(049)~68129	2015	T5	T16



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CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHCOST REGION

JUNEAU
EGAN DRIVE PAVEMENT
REHABILITATION
PROJECT #68129

TRAFFIC CONTROL PLAN

DESIGNED BY: J. WEAVER
DRAWN BY: R. GRANTHAM

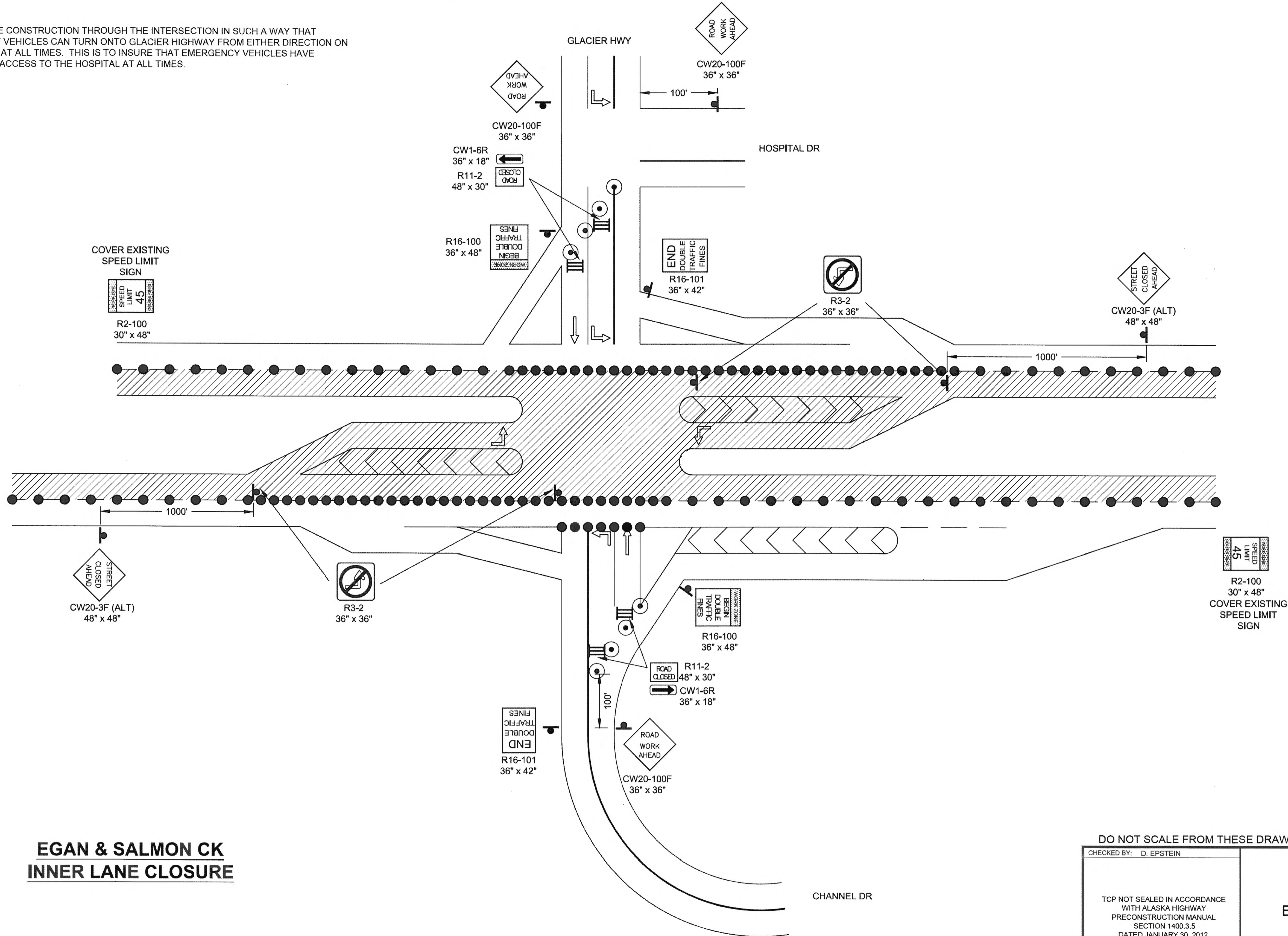
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PE _____ Date _____

NOTE: PHASE CONSTRUCTION THROUGH THE INTERSECTION IN SUCH A WAY THAT EMERGENCY VEHICLES CAN TURN ONTO GLACIER HIGHWAY FROM EITHER DIRECTION ON EGAN DRIVE AT ALL TIMES. THIS IS TO INSURE THAT EMERGENCY VEHICLES HAVE UNIMPEDED ACCESS TO THE HOSPITAL AT ALL TIMES.



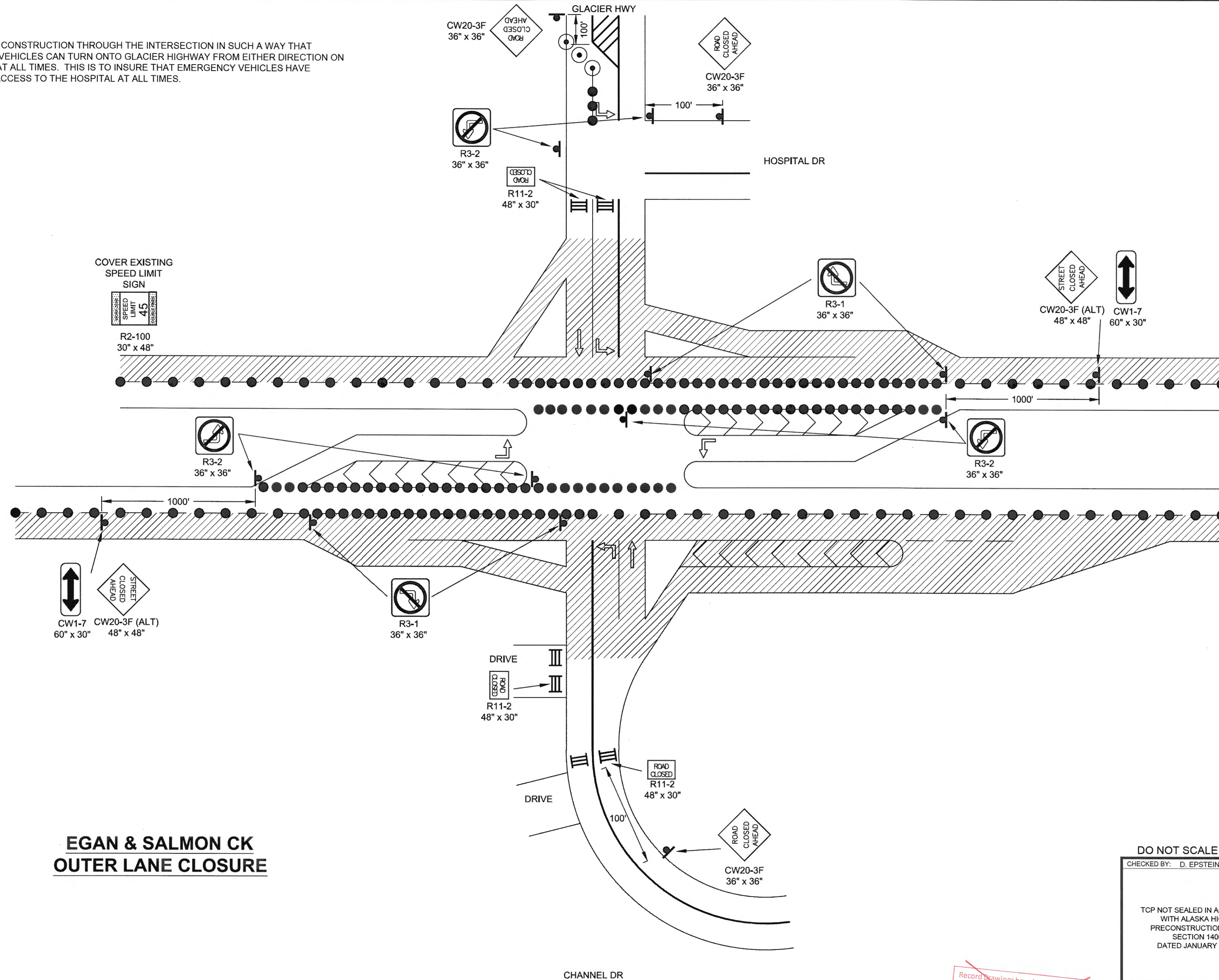
**EGAN & SALMON CK
INNER LANE CLOSURE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 TRAFFIC CONTROL PLAN									
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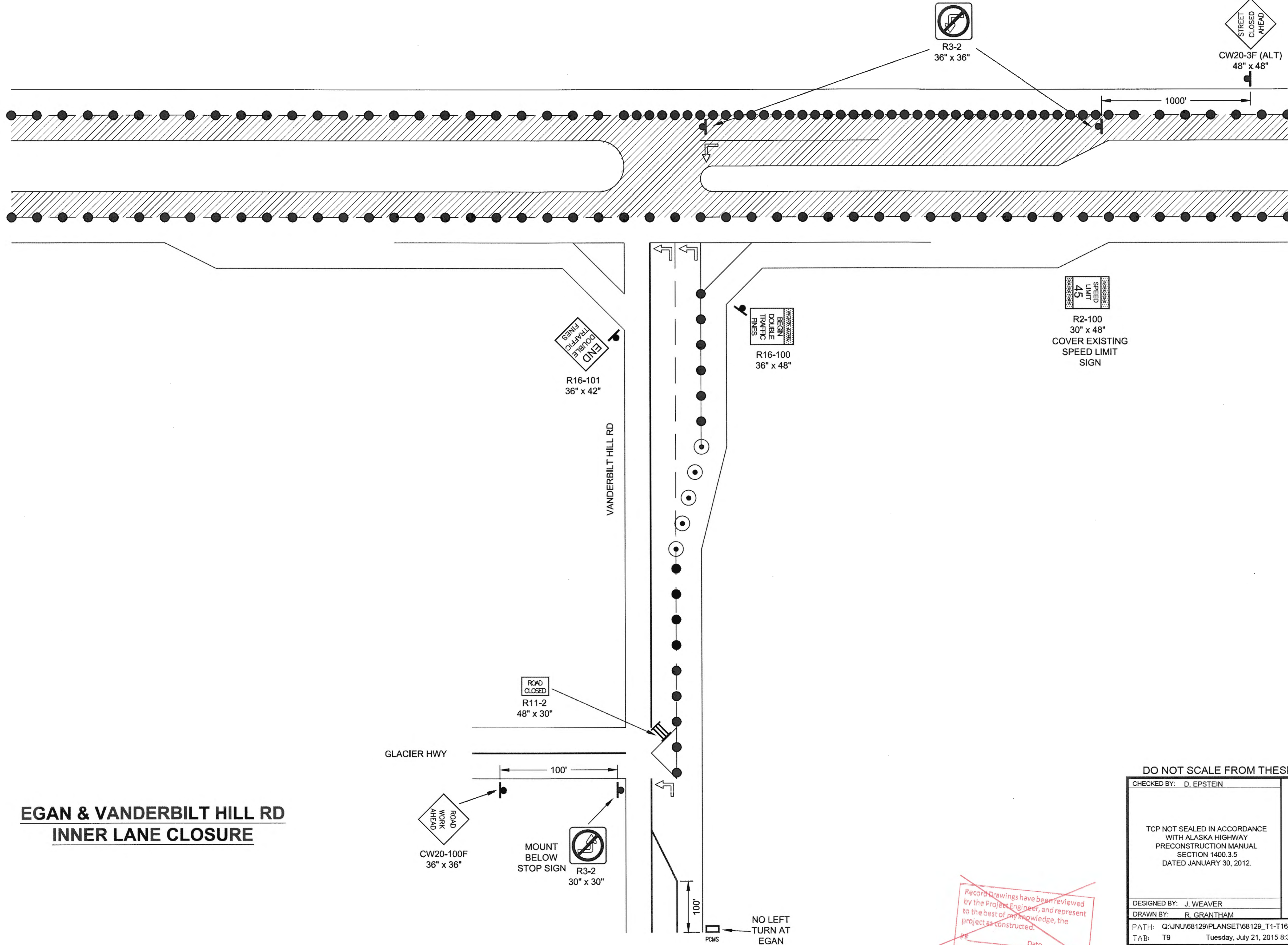
**EGAN & SALMON CK
OUTER LANE CLOSURE**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 TRAFFIC CONTROL PLAN												
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 PE _____ Date _____

EGAN



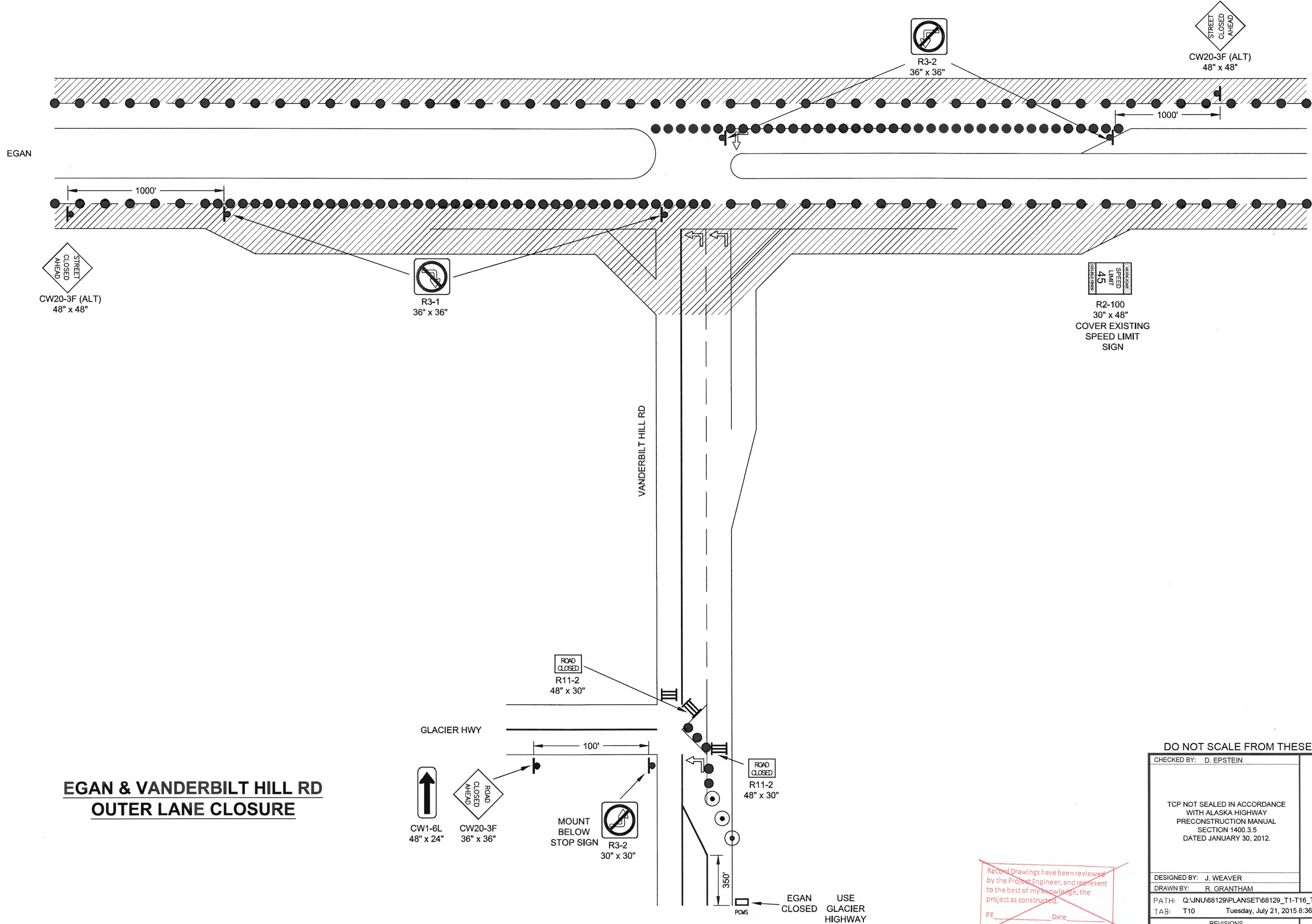
**EGAN & VANDERBILT HILL RD
INNER LANE CLOSURE**

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

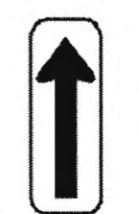
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REVISIONS														
NO.	DATE	DESCRIPTION												

EGAN



**EGAN & VANDERBILT HILL RD
OUTER LANE CLOSURE**



CW1-6L
48" x 24"



CW20-3F
36" x 36"

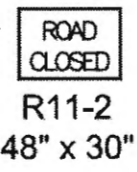
MOUNT
BELOW
STOP SIGN



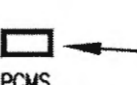
R3-2
30" x 30"



R11-2
48" x 30"



R11-2
48" x 30"



EGAN
CLOSED

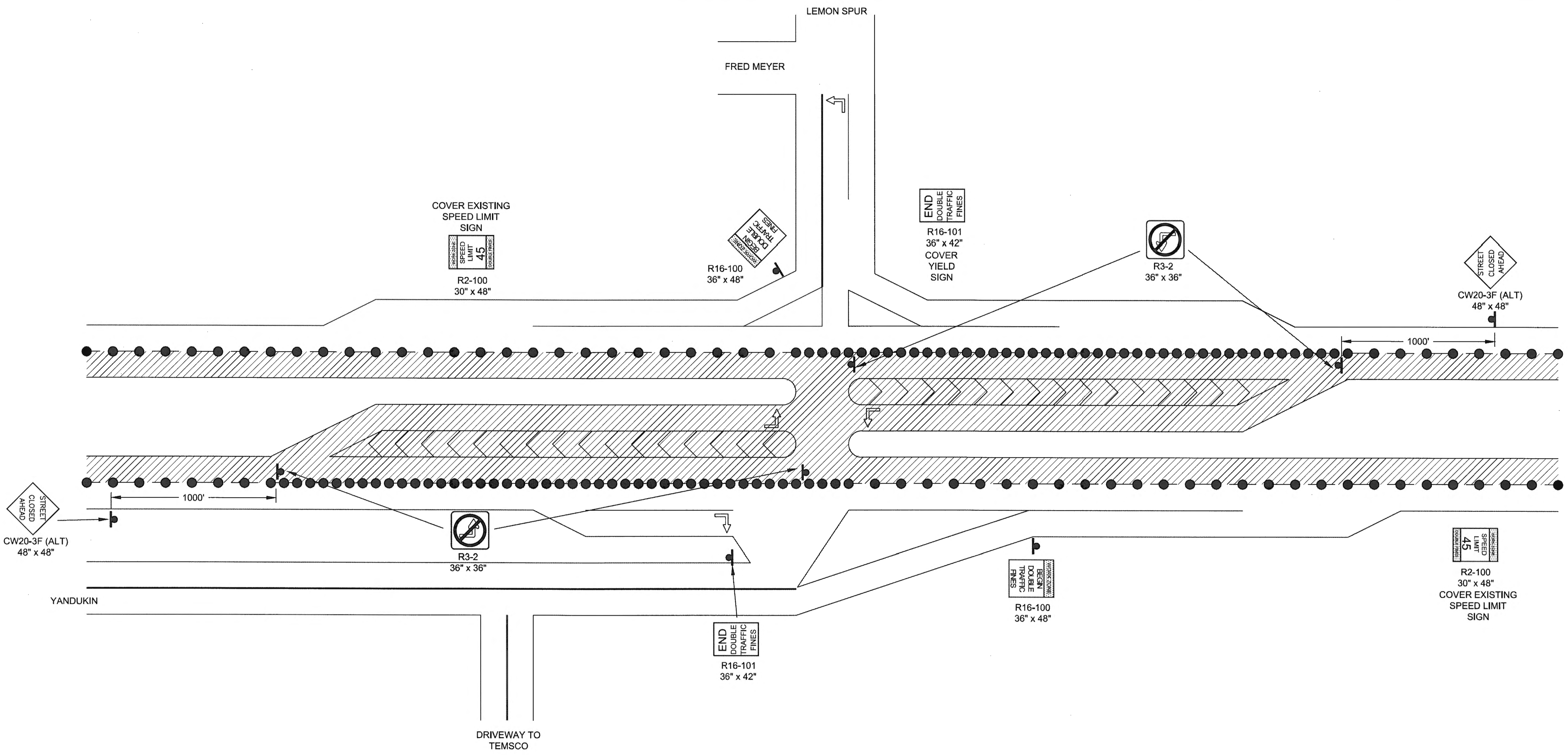
USE
GLACIER
HIGHWAY

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by the Project Engineer, and represent
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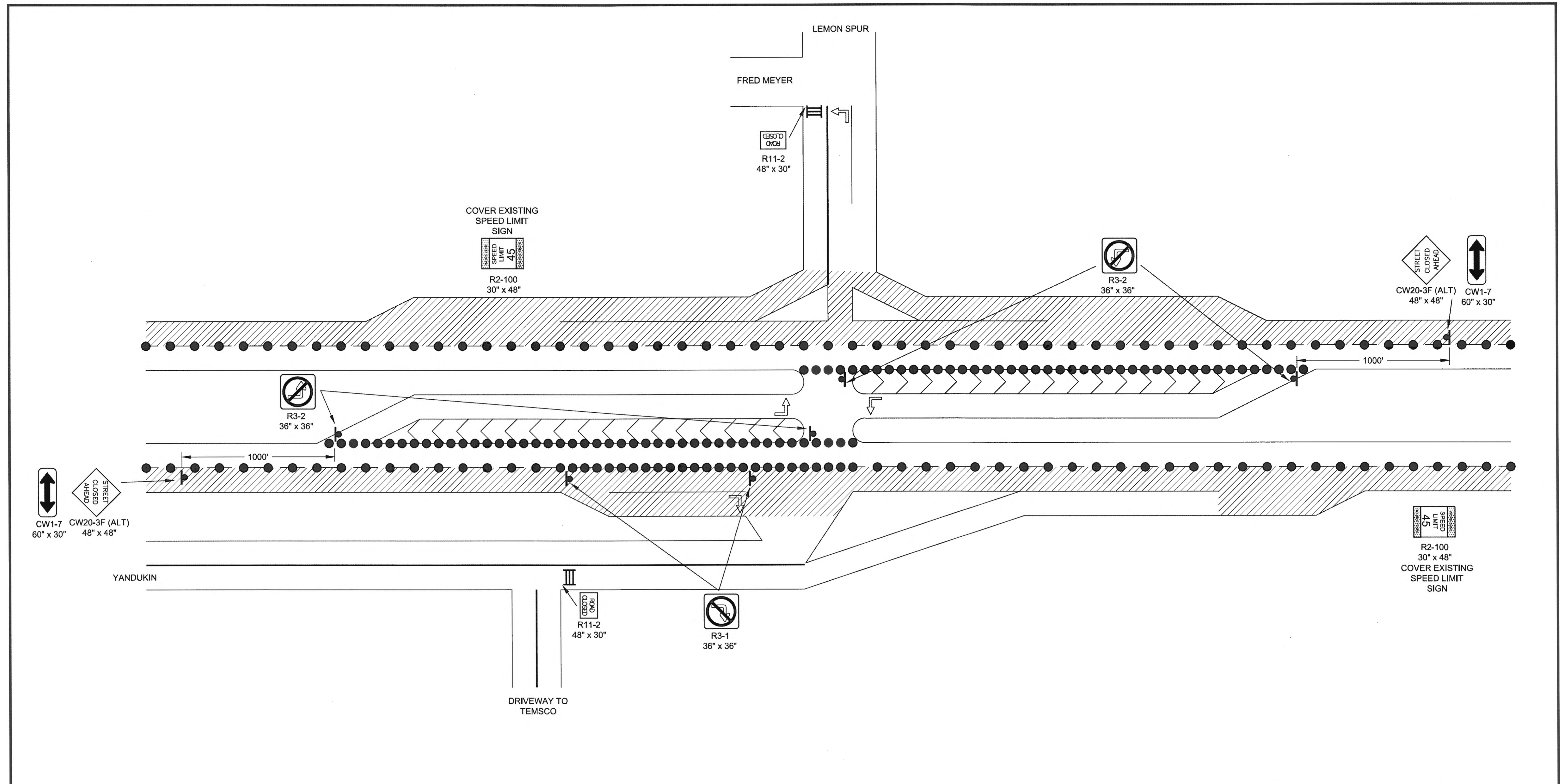


**EGAN & YANDUKIN
INNER LANE CLOSURE**

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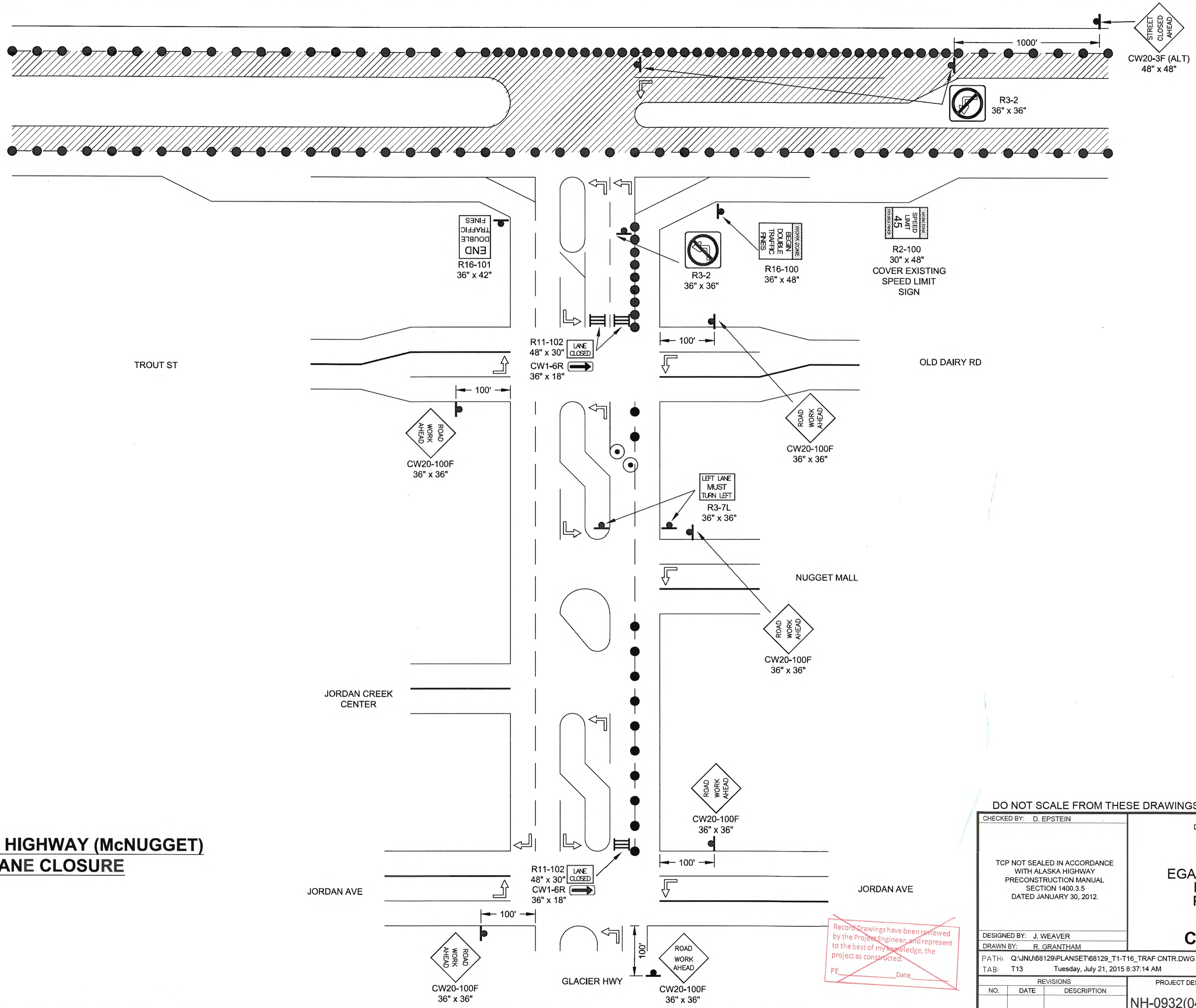


**EGAN & YANDUKIN
OUTER LANE CLOSURE**

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CHECKED BY: D. EPSTEIN TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION												
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**EGAN & GLACIER HIGHWAY (McNUGGET)
INNER LANE CLOSURE**

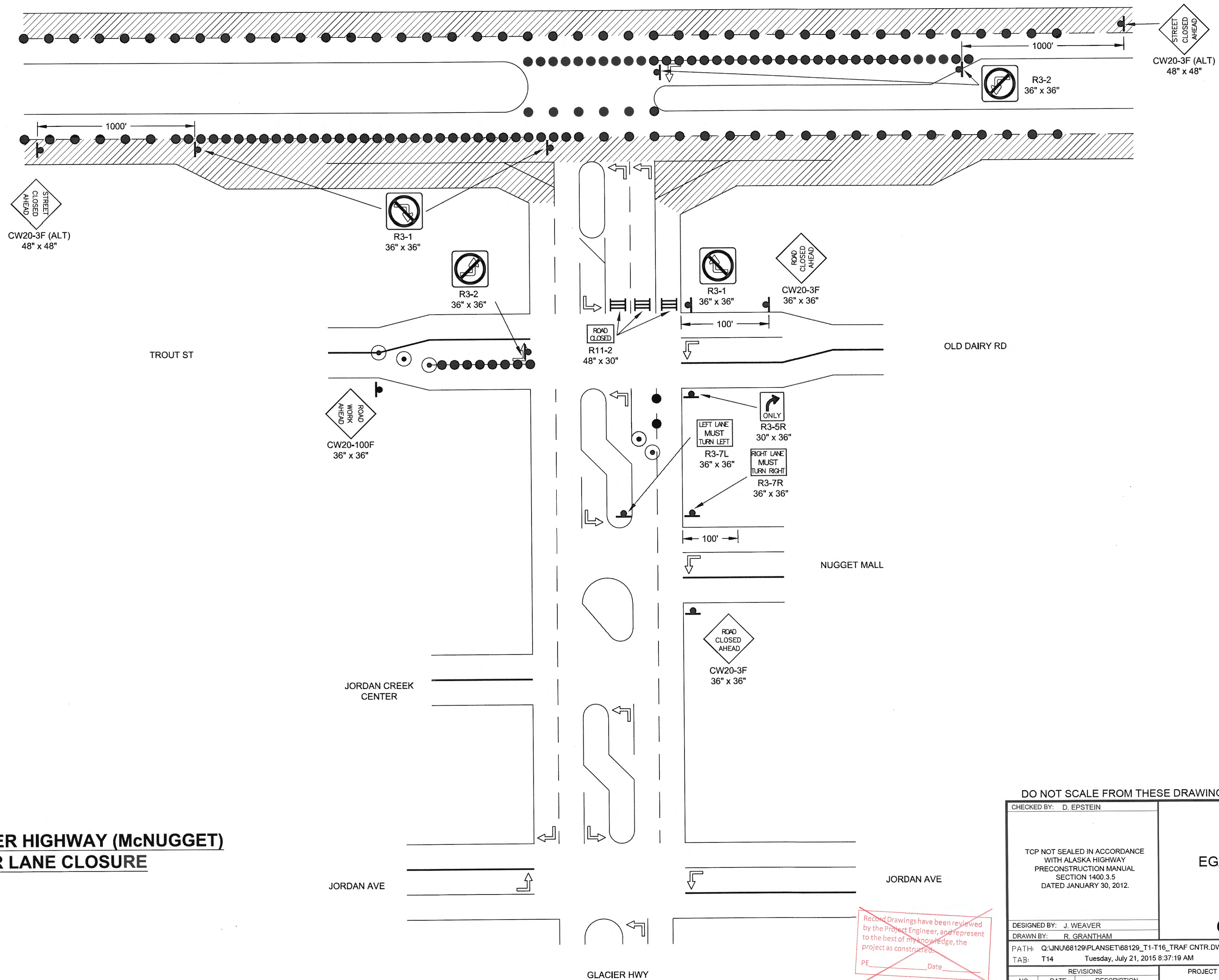


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Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
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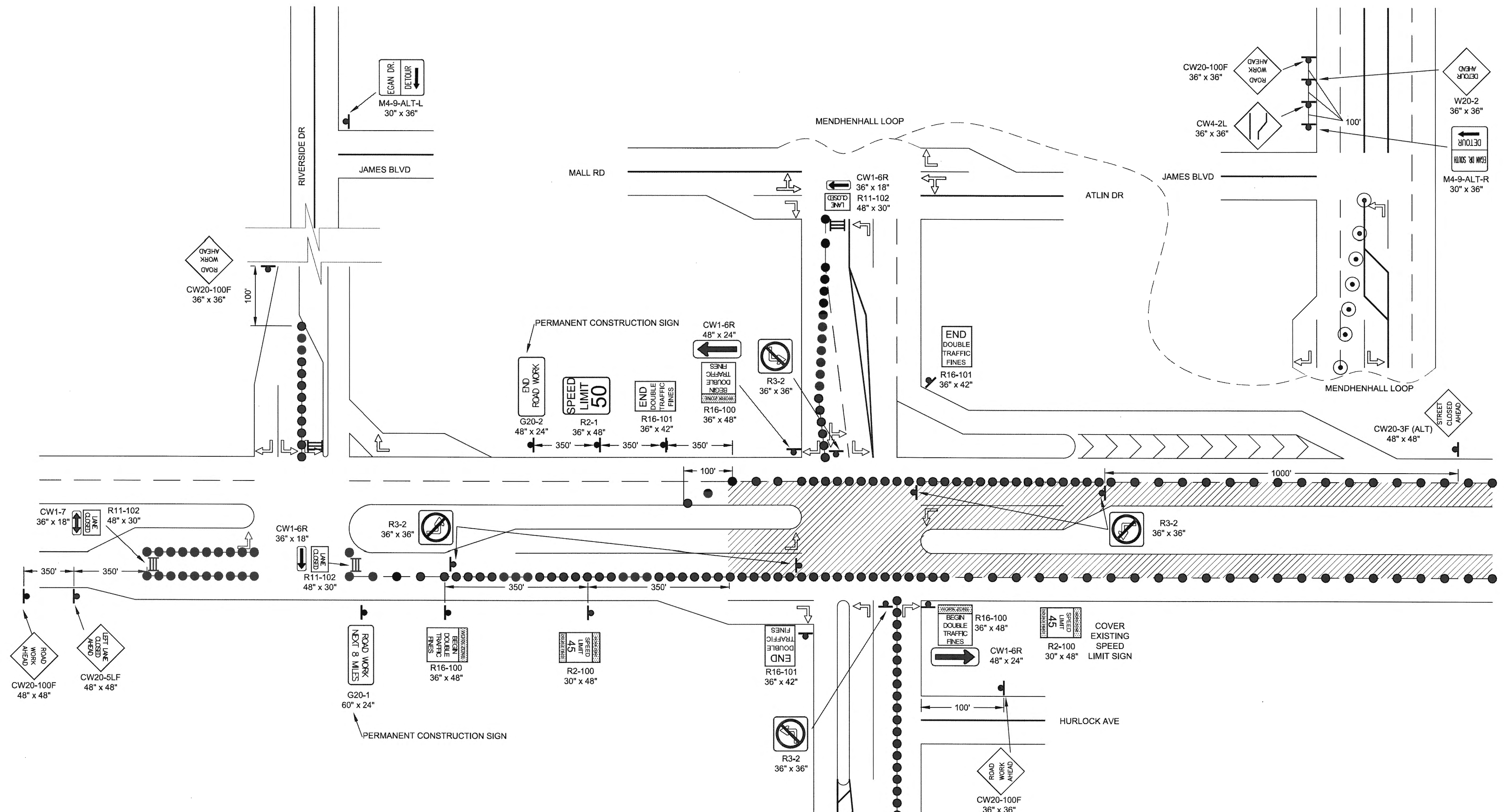
**EGAN & GLACIER HIGHWAY (McNUGGET)
OUTER LANE CLOSURE**



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PE _____ Date _____

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129 TRAFFIC CONTROL PLAN																						
DESIGNED BY: J. WEAVER DRAWN BY: R. GRANTHAM		PATH: Q:\JNU\68129\PLANSET\68129_T1-T16_TRAF CNTR.DWG TAB: T14 Tuesday, July 21, 2015 8:37:19 AM KELLY, RYAN (DOT)																						
<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>NH-0932(049)-68129</td> <td>2015</td> <td>T14</td> <td>T16</td> </tr> </tbody> </table>		REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	NO.	DATE	DESCRIPTION								NH-0932(049)-68129	2015	T14	T16		
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																		
NO.	DATE	DESCRIPTION																						
			NH-0932(049)-68129	2015	T14	T16																		



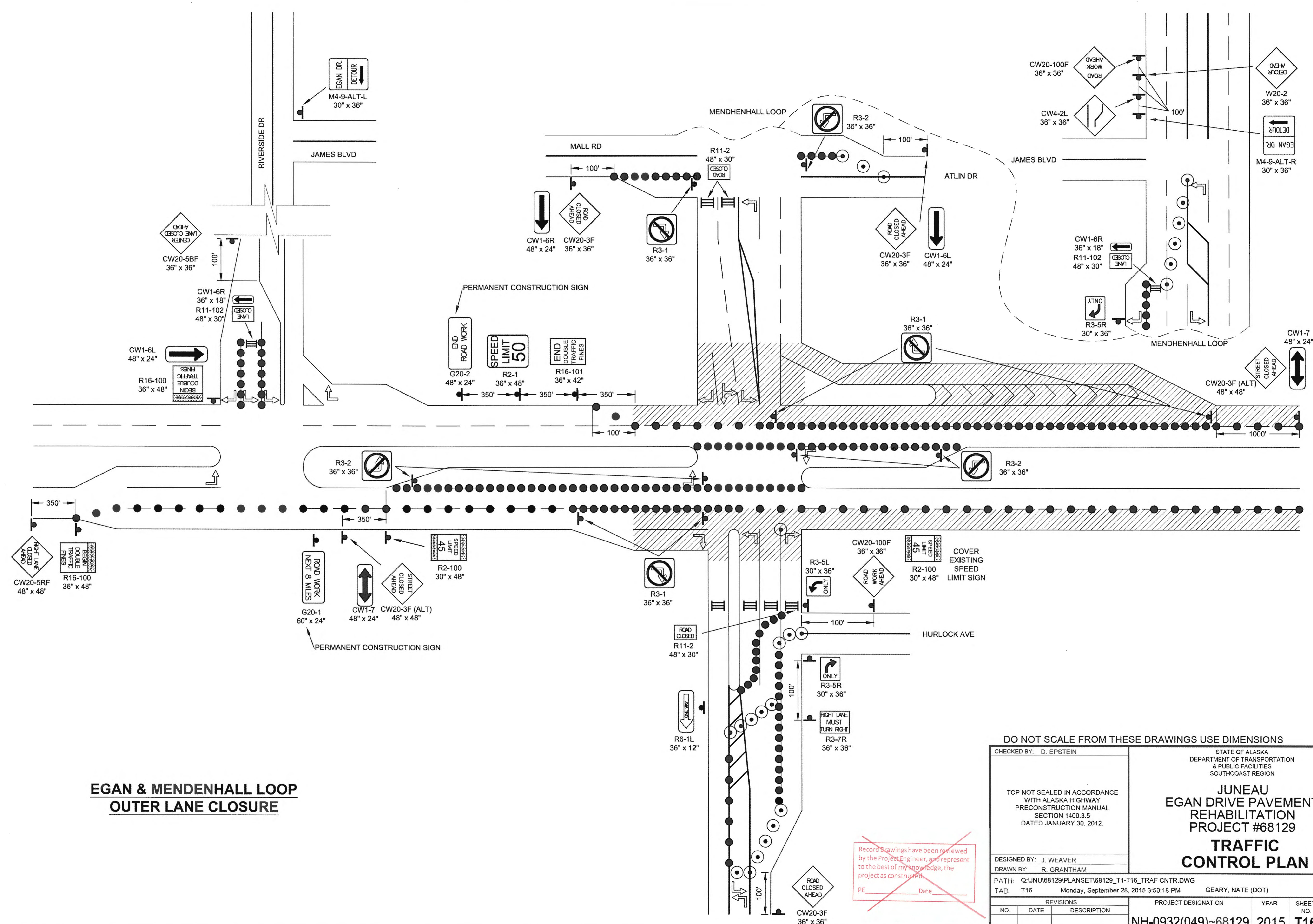
**EGAN & MENDENHALL LOOP
INNER LANE CLOSURE**

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION	
TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.		JUNEAU EGAN DRIVE PAVEMENT REHABILITATION PROJECT #68129	
DESIGNED BY: J. WEAVER DRAWN BY: R. GRANTHAM		TRAFFIC CONTROL PLAN	
PATH: Q:\UNU\68129\PLANS\T1-T16_TRAF_CNTR.DWG TAB: T15 Monday, September 28, 2015 3:50:14 PM		GEARY, NATE (DOT)	
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	YEAR
			2015
		NH-0932(049)-68129	T15
		TOTAL SHEETS	T16

**EGAN & MENDENHALL LOOP
OUTER LANE CLOSURE**



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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHCOST REGION

**JUNEAU
EGAN DRIVE PAVEMENT
REHABILITATION
PROJECT #68129**

**TRAFFIC
CONTROL PLAN**

DESIGNED BY: J. WEAVER
DRAWN BY: R. GRANTHAM

PATH: Q:\JNU\68129\PLANSET\68129_T1-T16_TRAFFIC_CNTR.DWG
TAB: T16 Monday, September 28, 2015 3:50:18 PM GEARY, NATE (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-0932(049)-68129	2015	T16	T16

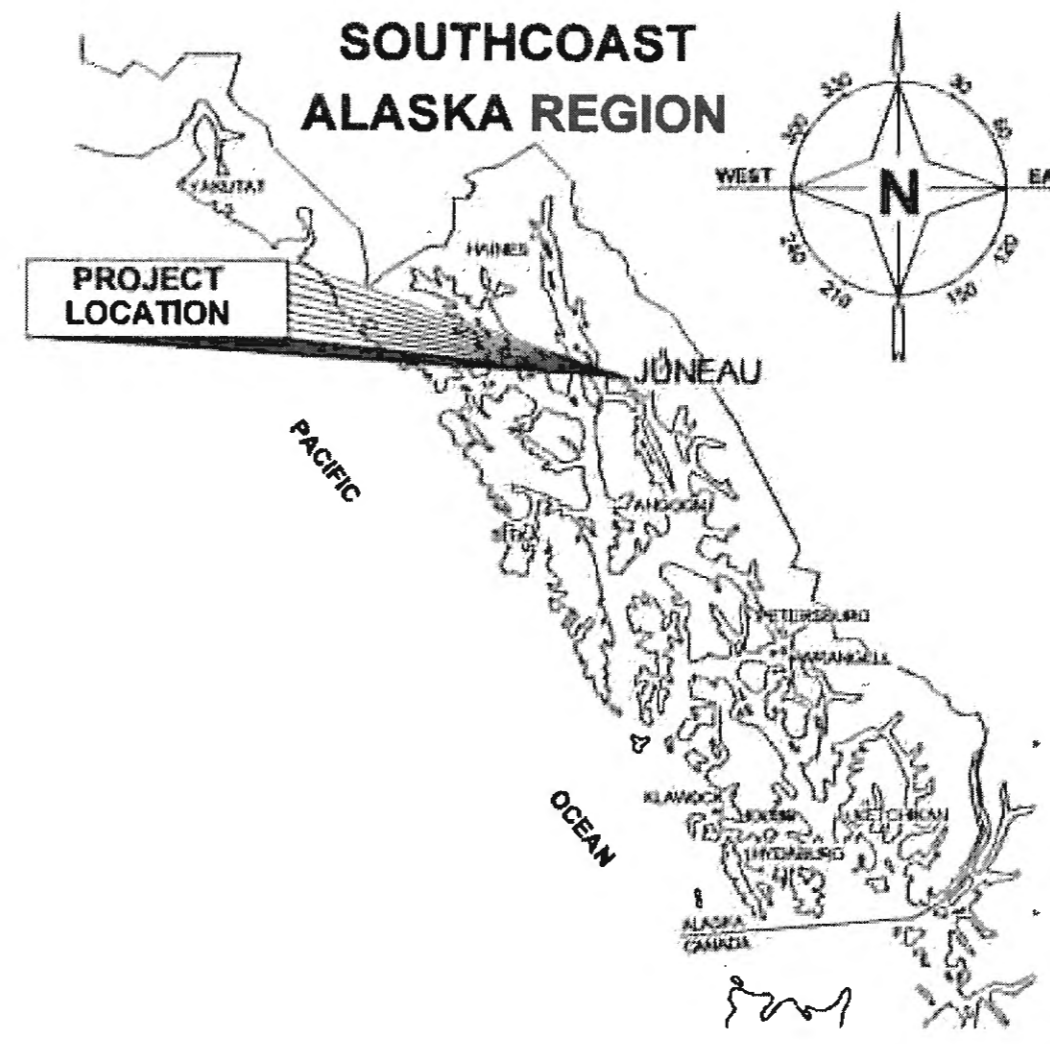
State of Alaska

Department of Transportation
and Public Facilities

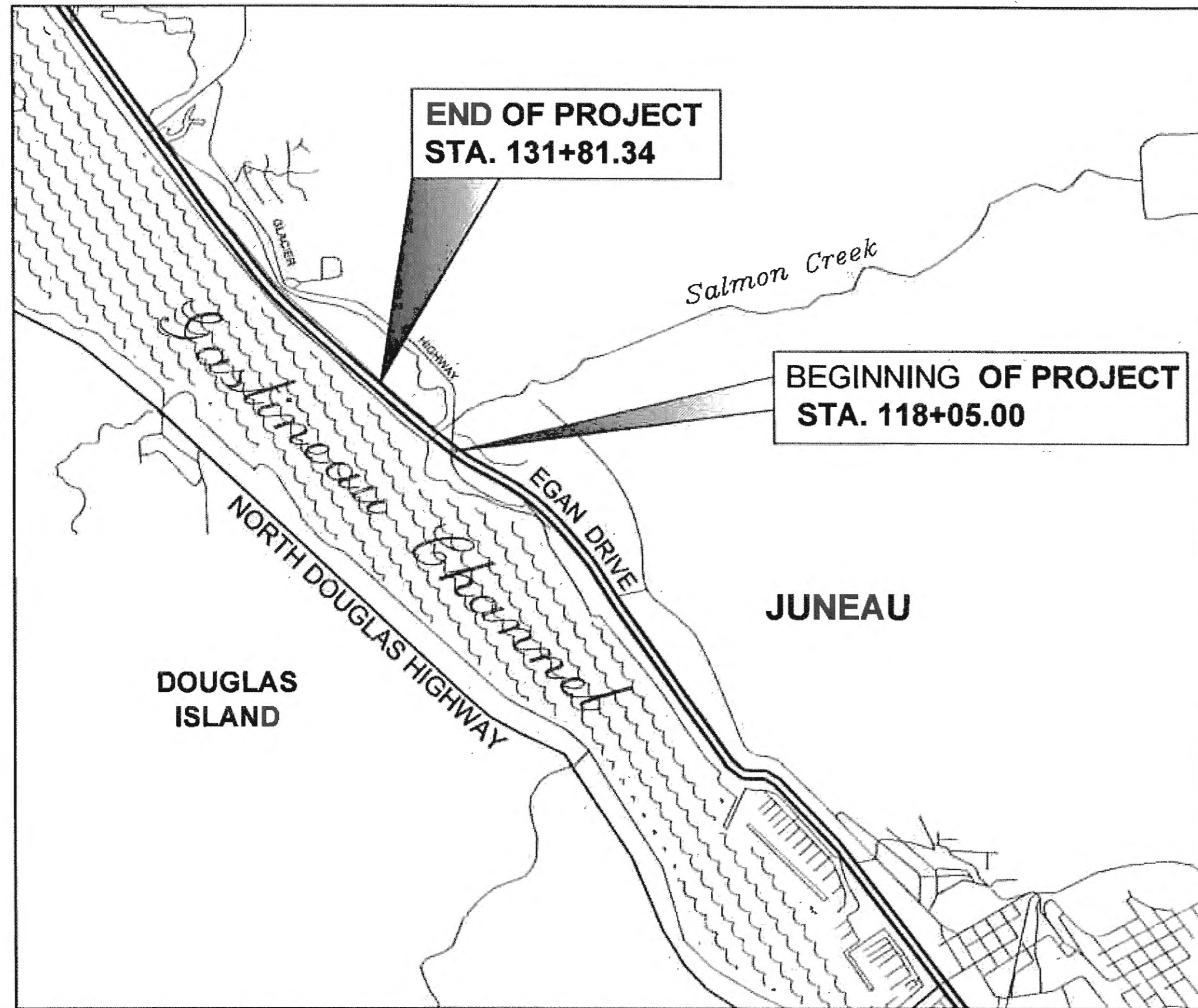
SOUTHCOAST REGION

JNU - EGAN DRIVE: SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS

PROJECT NO. EBL-0932(051)~67595



INDEX	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2-A5	SURVEY CONTROL INTERSECTION PLAN
A6	LEGEND
B1-B2	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1	SUMMARIES
E1-E2	MISCELLANEOUS DETAILS
F1-F2	PLAN AND PROFILE
H1	SIGNING AND STRIPING PLAN
L1	ABUTMENT RIPRAP LANDSCAPING
N1-N13	BRIDGE PLANS
P1-P2	EROSION & SEDIMENT CONTROL PLAN
T1-T8	TRAFFIC CONTROL PLAN
U1-U12	ELECTRICAL PLAN



VICINITY MAP

DESIGN DESIGNATION

PROJECT TYPE	=	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	=	URBAN PRINCIPAL ARTERIAL
PRESENT A.D.T. (2013)	=	21,230
DESIGN YEAR A.D.T. (2036)	=	23,800
MID DESIGN YEAR A.D.T. (2026)	=	22,650
D.H.V. (12%) (2036)	=	2,880
P.H.V. (12%) (2014)	=	1,700
PERCENT COMMERCIAL TRUCKS	=	5.7%
DIRECTIONAL DISTRIBUTION	=	55/45
DESIGN SPEED	=	55 M.P.H.
E.A.L.	=	4,400,000
PAVEMENT DESIGN YEAR	=	2036
DESIGN VEHICLE: TURNING	=	WB-50
DESIGN VEHICLE: LOADING	=	HL25
DESIGN V	=	55 M.P.H.

PROJECT SUMMARY

LENGTH OF GRADING	=	1,376 (0.261 MILES)
LENGTH OF PAVING	=	1,376 (0.261 MILES)
WIDTH OF PAVING	=	44 FT
LENGTH OF PROJECT	=	1,376(0.261 MILES)

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

C-04.12	G-04.10S	L-03.10	S-20.10	T-34.01
C-05.20	G-10.01	L-23.01	S-23.00	T-35.00
E-13.00	G-13.00	S-00.11	S-30.03	T-53.00
F-01.02	G-30.01	S-01.00	T-20.03	T-57.01
G-00.02	G-31.01	S-05.01	T-21.03	

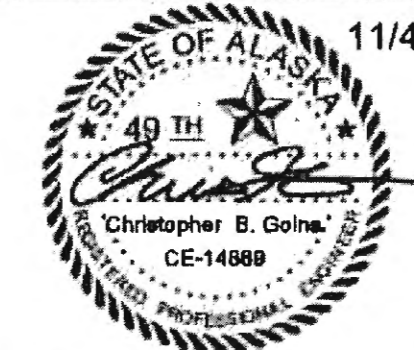
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *Steve Webb* Date *2/20/20*

PATH: Q:\JNU\67595\PLANS\SET2015\67595_A1_TITLE.DWG TAB:A1

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHCOAST REGION



APPROVED: *Pat Carroll* *11/20/15*
PAT CARROLL, P.E.
REGIONAL PRE-CONSTRUCTION ENGINEER DATE

APPROVED: *Chuck Correa* *11/20/15*
CHUCK CORREA, P.E.
DIRECTOR OF DESIGN AND CONSTRUCTION, SOUTHCOAST REGION DATE

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

CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	EBL-0932(051)~67595	2015	A1	51

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 (Destroyed). It relates to AKSPC zone 1 NAD83 (1992) through the following parameters:

Zone = NAD83 (1992) AKSPC ZONE 1
 Grid Scale = 0.999928875
 Convergence = -0°45'27"

Translation about USC&GS point EDDIE (Destroyed) as follows:
 AKSPC Northing = 2383469.17 FT US
 AKSPC Easting = 2512570.06 FT US
 Local Northing = 500000.00 FT US
 Local Easting = 500000.00 FT US

Project Specific Horizontal Control

SCI-9: 2" brass cap set in concrete with 9 HDPE crash Barrels cabled to median wall and end of concrete pad along Egan Drive.

JNU-Grid N 489536.94 FT US, E 519890.17 FT US
 AKSPC N 2372744.81 FT US, E 2532318.75 FT US

SCI-10: 2" brass cap set flush in top concrete traffic vault at the intersection of Channel Drive and Egan Drive. Approximately 5' from traffic and pedestrian signal base.

JNU-Grid N 490217.08 FT US, E 518682.31 FT US
 AKSPC N 2373440.81 FT US, E 2531120.07 FT US

VERTICAL CONTROL

The Vertical Datum for JNU Grid-2000 is Mean Lower Low Water = 0.00' Gastineau Channel - Stephens Pass tidal datum based on NOAA NOS tidal benchmark series 9452210. The tidal epoch is 1960-1978, time period 1994-1998, published 11/1999. The latest NOS publication (May 2014) on the 2007 - 2011 tidal epoch, time period 2007-2011 indicates the tidal benchmark series has risen 0.56' at benchmark 9452210 C.

The Project Specific Basis of Vertical Control

The Basis of Vertical Control is point #184 "TBM-Empire". It is a 3" domed brass cap located in concrete at the entrance to the Juneau Empire Building. TBM-Empire has an observed elevation of 27.74' feet above MLLW.

Survey Control Table						
Point #	Northing	Easting	Elevation	Description	Station	Offset
4	489929.30	518653.51	29.64	ALCTRL2"/REBAR_SCI-4	116+68.79	317.57L
5	489586.97	519022.48	34.57	ALCTRL2"/REBAR_SCI-5	111+75.70	418.48L
9	489536.94	519890.17	28.52	BC2"/CONC_SCI-9	N/A	N/A
10	490217.08	518682.31	33.55	BC2"/CONC_SCI-10	117+92.10	57.24L

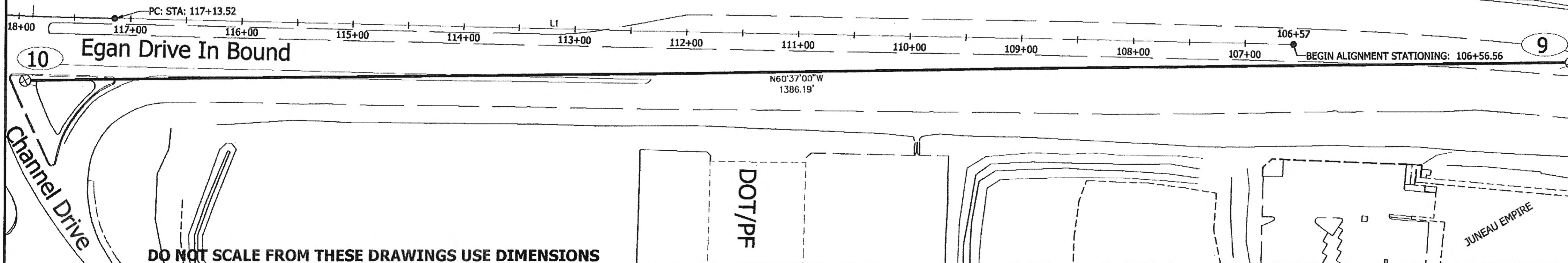
All **SURVEY CONTROL** monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they **shall NOT** be replaced.

Existing Centerline Monuments					
Point #	Northing	Easting	Description	Station	Offset
1	489659.63	518986.07	CL_MON_DDH	112+44.55	375.29L
415	492853.07	515755.52	CL_MON_PC_0"157+	N/A	N/A
516	490901.55	517879.35	CL_MON_DDH_PT128+42.5	128+41.90	0.39R
517	490307.63	518647.04	CL_MON_DDH_POC118+70.47	118+70.07	0.23R
518	489674.95	519683.45	CL_MON_DDH	106+56.56	0.00R

All **CENTERLINE MONUMENTS** in this existing table shall be **preserved** or **referenced** prior to disturbance and replaced at their original horizontal position.

Existing Property					
Point #	Northing	Easting	Description	Station	Offset
184	489386.78	519561.93	TBM_EMPIRE_DIFFEV	N/A	N/A
560	489546.61	519247.14	PLASCAP_1410-S	109+62.75	336.29L
567	489896.91	519135.91	PLASCAP_1410S	112+39.74	94.70L
570	489896.54	518739.56	PLASCAP_1410S	115+78.24	300.87L
571	490010.27	518733.71	REBAR	116+42.31	206.72L
580	490086.10	518824.67	ALPRIM3.25"_S1075	116+03.97	94.68L
583	490356.39	518167.06	ALPRIM3"_WC-C4_ATS897_TR-B	122+83.17	234.72L
584	490357.08	518207.65	ALPRIM3.25"_C80-B_WETLANDS	122+52.30	209.83L
585	490380.76	518225.13	REBAR	122+52.42	180.40L
586	490429.82	518294.56	ALPRIM3.25"_C80-A_WETLANDS	122+26.49	99.64L

All **PROPERTY MONUMENTS** in this existing table shall be **preserved** or **referenced** prior to disturbance and replaced at their original horizontal position.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67595\SV\C3D\BASEMAPS\SALMO

PAPOL, JAMES M (DOT)
 TAB: A2 Thursday, August 06, 2015 8:59:4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

- If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.
- Whether listed or not, all monuments, 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.

CHECKED BY: D.Ignatov

DESIGNED BY: J.Papoi
 DRAWN BY: J.Papoi

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU-EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTSP
 PROJECT #67595

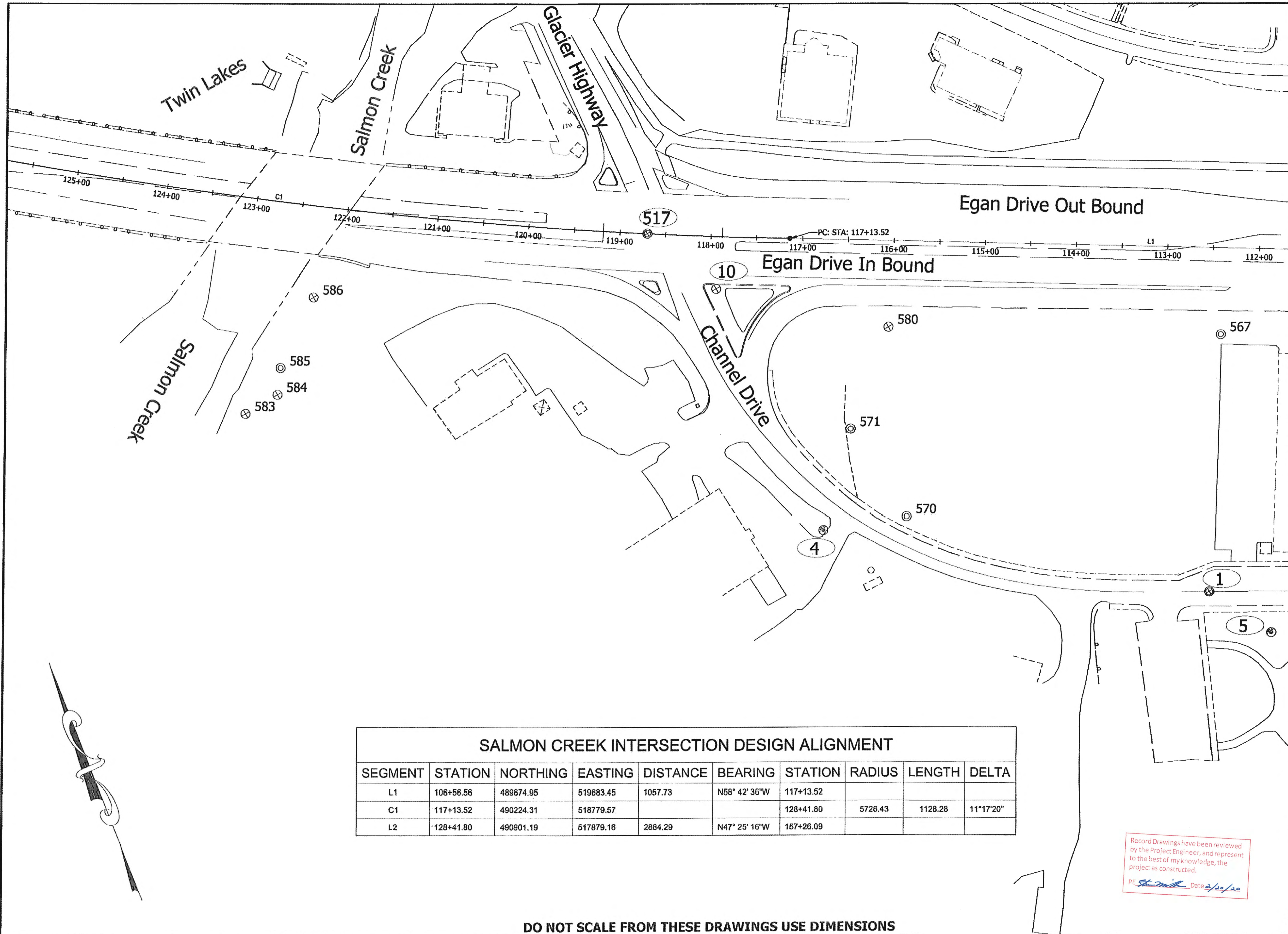
SURVEY CONTROL

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
A2	34

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *[Signature]* Date: 8/6/15



PATH: Q:\JNU\67595\SV\C3D\BASEMAPS\SALMC

PAPOL, JAMES M (DOT)
 TAB: A3 Thursday, August 06, 2015 8:59:15
 ADDENDUM NUMBER
 ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

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.
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CHECKED BY: D.Ignotov

DESIGNED BY: J.Papoi
 DRAWN BY: J.Papoi

SALMON CREEK INTERSECTION DESIGN ALIGNMENT									
SEGMENT	STATION	NORTHING	EASTING	DISTANCE	BEARING	STATION	RADIUS	LENGTH	DELTA
L1	106+56.56	489674.95	519683.45	1057.73	N58° 42' 36"W	117+13.52			
C1	117+13.52	490224.31	518779.57			128+41.80	5726.43	1128.28	11°17'20"
L2	128+41.80	490901.19	517879.16	2884.29	N47° 25' 16"W	157+26.09			

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *St. Smith* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

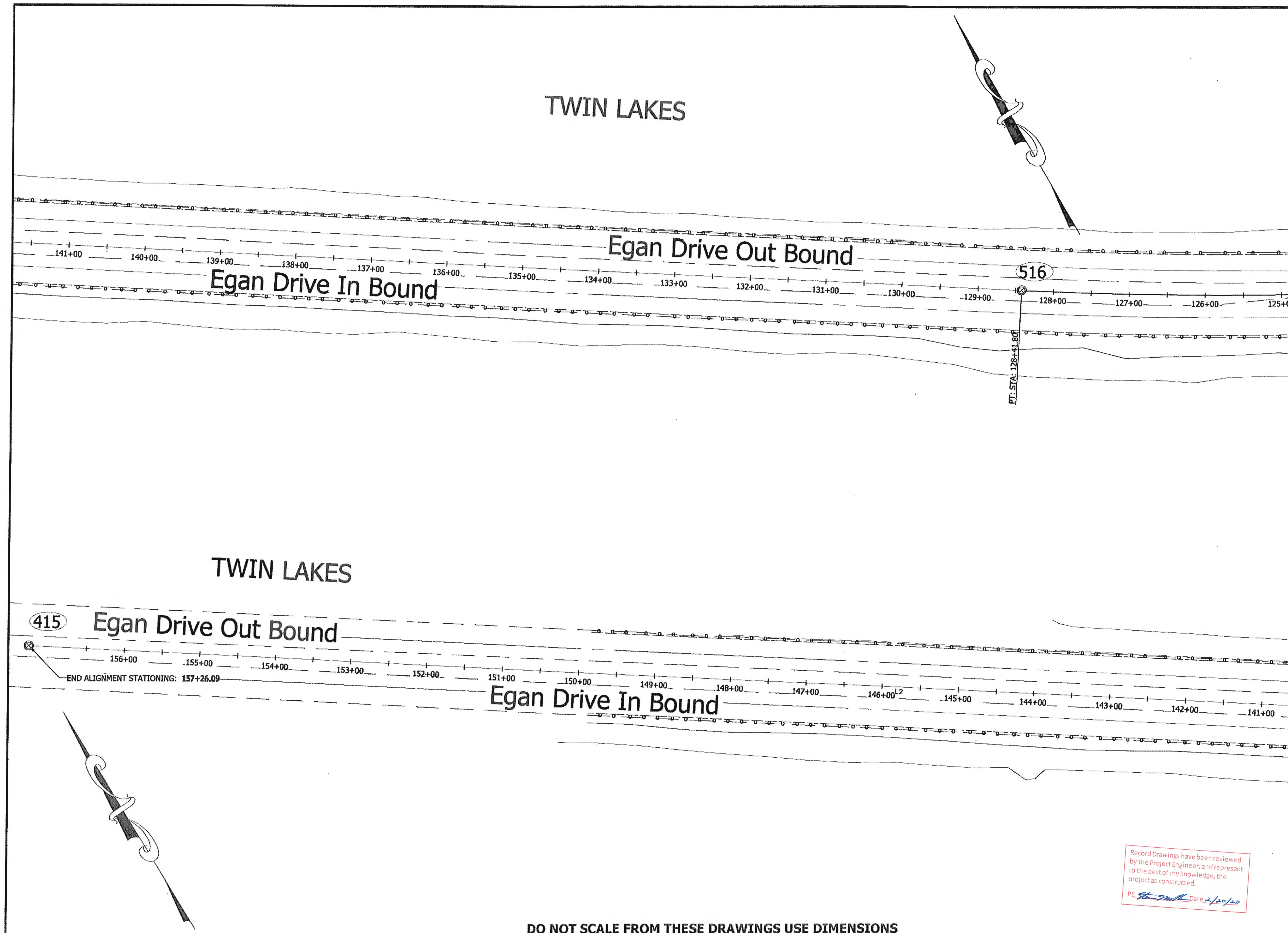
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU-EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

SURVEY CONTROL

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A3	34



PATH: Q:\JNU\67595\SV\C3D\BASEMAPS\SALMO

PAPOL, JAMES M (DOT)
 TAB: A4 Thursday, August 06, 2015 8:59:5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

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.
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CHECKED BY: D.Ignatov

DESIGNED BY: J.Papoi
 DRAWN BY: J.Papoi

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU-EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

SURVEY CONTROL

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
A4	34

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Smith* Date 2/20/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	RECOVERED	SET
BLM MONUMENT		
GLO MONUMENT		
USC&GS MONUMENT		
PRIMARY MONUMENT		
CENTERLINE MONUMENT IN CASING		
PRIMARY R.O.W. MONUMENT		
BEARING OBJECT		
MISCELLANEOUS MONUMENT		
LINE OF SIGHT MONUMENT		
CONCRETE R.O.W. MONUMENT		
BENCHMARK		
REBAR AND CAP		
REBAR		
IRON PIPE		
PK NAIL		
SPIKE		
HUB AND TACK		
CONSTRUCTION CENTERLINE		
MICELLANEOUS CENTERLINE		
STATION EQUATION		
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY LINE		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
EXISTING EASEMENT LINE		
PROPOSED EASEMENT LINE		
PROPOSED CUT SLOPE LIMIT		
PROPOSED FILL SLOPE LIMIT		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
TOWNSHIP & RANGE LINE		
MEANDER LINE		

	EXISTING	PROPOSED
SANITARY SEWER (FLOW DIRECTION →)		
FUEL LINE		
GAS LINE		
WATER LINE		
METER, VALVE, FIRE HYDRANT		
EXISTING STORM DRAIN (FLOW DIRECTION →)		
PROPOSED STORM DRAIN		
FIBER OPTIC LINE		
DIRECT BURIAL TELEPHONE CABLE		
DIRECT BURIAL ELECTRIC CABLE		
ELECTRIC LINE (OVERHEAD)		
POWER POLE LINE		
JOINT USE POWER & TELEPHONE		
TELEPHONE POLE LINE		
POLE ANCHOR		
STUB POLE (POWER OR TELEPHONE)		
TELEPHONE DUCT		
TELEPHONE PEDESTAL		
BURIED CABLE MARKER		
PIPELINE MARKER OR VALVE		
CATCH BASIN OR DROP INLET		
MANHOLE		
SANITARY SEWER CLEAN OUT		
PIPE CULVERT		

	EXISTING	PROPOSED
ROADWAY/PAVEMENT EDGE		
FENCE		
CURB AND GUTTER		
DETECTABLE WARNINGS		
GUARDRAIL		
CULVERT PIPE		
SIGN		
MAILBOX		
RAILROAD TRACKS		
RAILROAD DEVICES		
TREE LINE		
WATER BOUNDARY		
ORDINARY HIGH WATER LINE		
FLOW CENTERLINE		
FLOW DIRECTION		
WETLANDS		
EXISTING BUILDINGS		
POST OR BOLLARD		
WELL OR MONITORING WELL		
SEPTIC PIPE		
FUEL TANK FILL PIPE/VENT		
SATELLITE DISH		
CONIFER TREE		
DECIDUOUS TREE		
FISH AND WILDLIFE SERVICE EAGLE TREE		
GRAVE		
THERMOSIPHON		
PARKING METER		
VEHICLE PLUG-IN		
DELINEATOR/GUIDE MARKER		

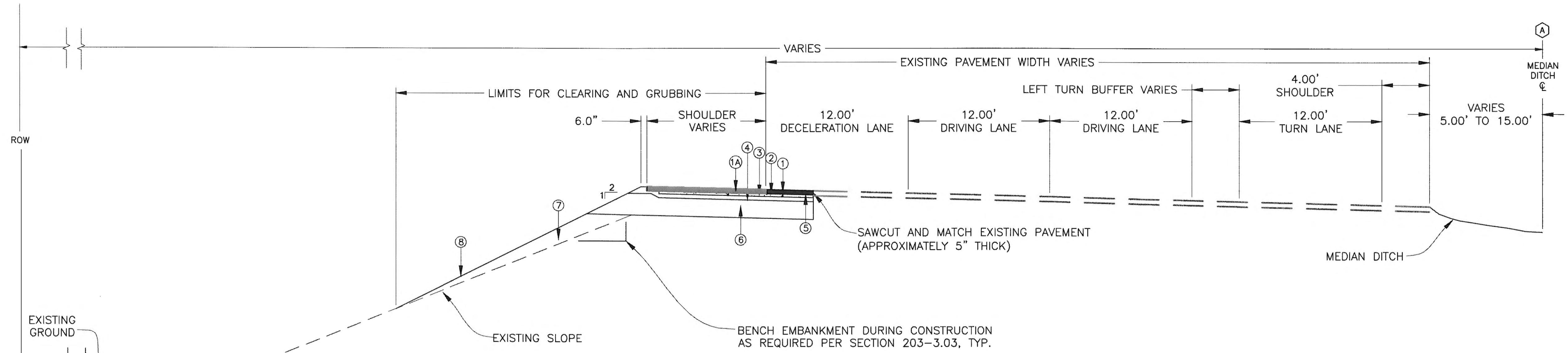
	EXISTING	PROPOSED
JUNCTION BOX, TYPE IA		
JUNCTION BOX, TYPE II		
JUNCTION BOX, TYPE III		
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
LOOP DETECTOR		
VIDEO DETECTOR		
RADAR DETECTOR		
OPTICOM DETECTOR		
PEDESTRIAN PUSH BUTTON		
SIGNAL POST W/O MAST ARM		
SIGNAL POLE W/MAST ARM		
SIGNAL CONTROLLER		
LOAD CENTER		
LUMINAIRE		
RIGID METAL CONDUIT		

H = HOUSE
G = GARAGE
M = MERCHANT/STORE
B = BARN
S = SHED
P = PRIVY
SS = SERVICE STATION
W = WAREHOUSE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Chris M. Goins* Date 2/29/20

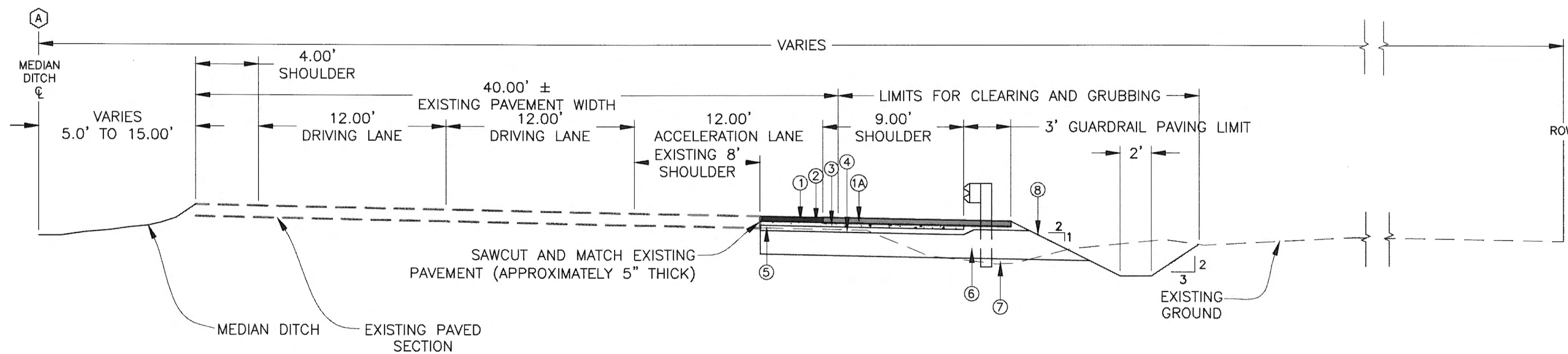
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. GOINS 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JNU - EGAN DRIVE SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS PROJECT # 67595	
DESIGNED BY: N. PURVES DRAWN BY: N. PURVES		LEGEND	
PATH: Q:\JNU\67595\PLANS\ET\2015\67595_A6_LEGEND SHEET.DWG TAB: A6		PROJECT DESIGNATION EBL-0932(51)	YEAR 2015
SHEET NO. A6	TOTAL SHEETS 51		



- NOTE:**
1. DECELERATION LANE CROSS SLOPE SHALL MATCH EXISTING SOUTH BOUND LANE CROSS SLOPE (APPROXIMATELY 3%).
 2. HMA SHALL BE PAVED IN TWO LIFTS FROM THE BOP TO EOP INCLUDING THE BRIDGE. THE FINAL LIFT SHALL BE 2" THICK PAVED CONCURRENT TO EGAN DRIVE PAVEMENT REHABILITATION PROJECT # 68129.

**EGAN DRIVE SOUTHBOUND DECELERATION LANE SOUTH OF SALMON CREEK BRIDGE
TYPICAL SECTION**



- NOTE:**
1. ACCELERATION LANE CROSS SLOPE SHALL MATCH EXISTING SOUTH BOUND LANE CROSS SLOPE (APPROXIMATELY 3%).
 2. HMA SHALL BE PAVED IN TWO LIFTS FROM THE BOP TO EOP INCLUDING THE BRIDGE. THE FINAL LIFT SHALL BE 2" THICK PAVED CONCURRENT TO EGAN DRIVE PAVEMENT REHABILITATION PROJECT # 68129.
 3. GRADE DITCH BOTTOM TO FLOW PER PLAN DRAWINGS ON SHEET F1.
 4. TOPSOIL NONNATIVE SLOPES ONLY.

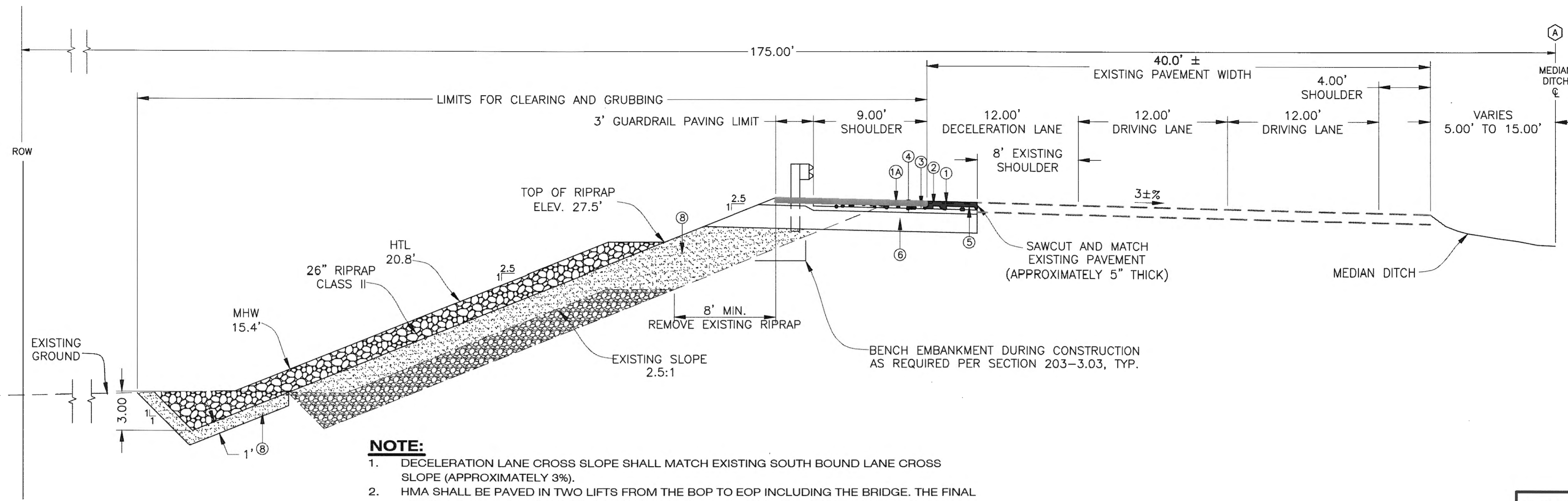
**EGAN DRIVE NORTHBOUND ACCELERATION LANE SOUTH OF SALMON CREEK BRIDGE
TYPICAL SECTION**

- Legend**
- ① 4" HMA, SP; TYPE B
 - ①A 4" HMA, TYPE II; CLASS B
 - ② STE-1 ASPHALT FOR TACK COAT
 - ③ 3" ASPHALT TREATED BASE COURSE 13' WIDE.
 - ④ 4" AGGREGATE BASE COURSE, GRADING D-1
 - ⑤ REMOVE EXISTING ASPHALT PAVEMENT
 - ⑥ 18" MIN. SUBBASE, GRADING TYPE A
 - ⑦ BORROW, SELECTED MATERIAL TYPE C
 - ⑧ 4" TOPSOIL, SEED WITH BONDED FIBER MATRIX
 - Ⓐ MATCH POINT FOR TYPICAL SECTIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *St. Milk* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION												
	JNU - EGAN DRIVE SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS PROJECT # 67595												
DESIGNED BY: N. PURVES DRAWN BY: N. PURVES	PURVES, NATHAN A. (DOT)												
<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION				PROJECT DESIGNATION EBL-0932(51)	YEAR 2015	SHEET NO. B1	TOTAL SHEETS 51
REVISIONS													
NO.	DATE	DESCRIPTION											

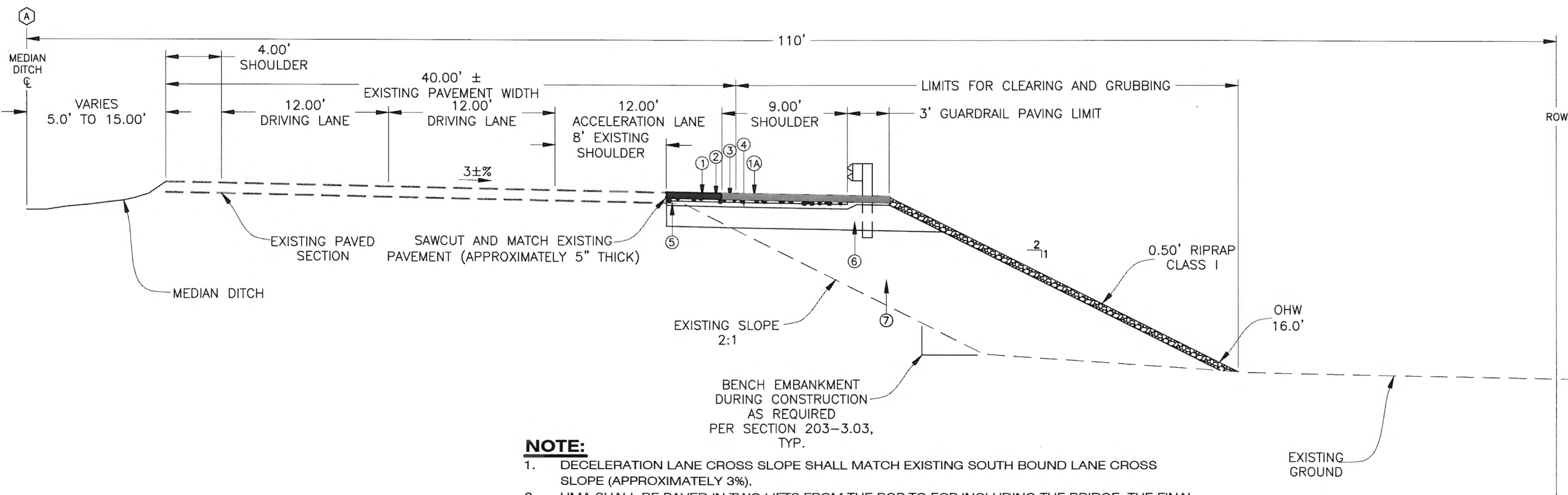


- NOTE:**
1. DECELERATION LANE CROSS SLOPE SHALL MATCH EXISTING SOUTH BOUND LANE CROSS SLOPE (APPROXIMATELY 3%).
 2. HMA SHALL BE PAVED IN TWO LIFTS FROM THE BOP TO EOP INCLUDING THE BRIDGE. THE FINAL LIFT SHALL BE 2" THICK PAVED CONCURRENT TO EGAN DRIVE PAVEMENT REHABILITATION PROJECT # 68129.

**EGAN DRIVE SOUTHBOUND DECELERATION LANE NORTH OF SALMON CREEK BRIDGE
TYPICAL SECTION**

- Legend**
- ① 4" HMA, SP; TYPE B
 - ①A 4" HMA, TYPE II; CLASS B
 - ② STE-1 ASPHALT FOR TACK COAT
 - ③ 3" ASPHALT TREATED BASE COURSE 13' WIDE.
 - ④ 4" AGGREGATE BASE COURSE, GRADING D-1.
 - ⑤ REMOVE EXISTING ASPHALT PAVEMENT
 - ⑥ 18" MIN. SUBBASE, GRADING TYPE A
 - ⑦ BORROW, SELECTED MATERIAL TYPE C
 - ⑧ FILTER COURSE
 - Ⓐ MATCH POINT FOR TYPICAL SECTIONS

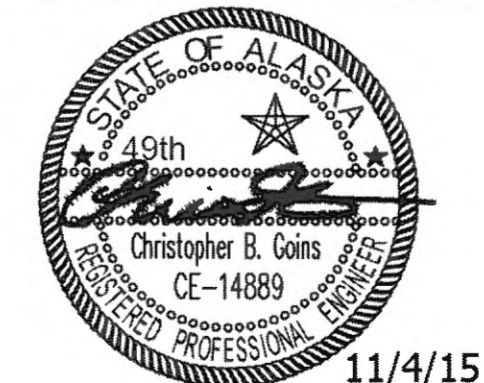
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date 2/14/20



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**EGAN DRIVE NORTHBOUND ACCELERATION LANE NORTH OF SALMON CREEK BRIDGE
TYPICAL SECTION**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

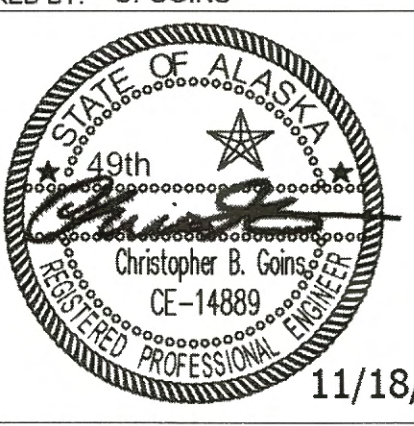
CHECKED BY: C. GOINS 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOAST REGION JNU - EGAN DRIVE SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS PROJECT # 67595												
DESIGNED BY: N. PURVES DRAWN BY: N. PURVES		TYPICAL SECTIONS												
PATH: Q:\JNU\67595\PLANSET\2015\67595_B_TYP.DWG TAB: B2		PURVES, NATHAN A. (DOT)												
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REVISIONS														
NO.	DATE	DESCRIPTION												

ESTIMATE OF QUANTITIES			
ITEM NO	ITEM DESCRIPTION	UNIT	QUANTITY
201(7)	Invasive Species Control, Removal, and Disposal	Square Yard	-290 227.26
201(8)	Clearing And Grubbing	Lump Sum	All Req'd
202(1)	Removal Of Structures And Obstructions	Lump Sum	All Req'd
202(2)	Removal Of Pavement	Square Yard	4,780 6,219.25
202(9)	Removal Of Curb And Gutter	Linear Foot	135 122
203(3)	Unclassified Excavation	Cubic Yard	-5,400 10,745.80
203(6)	Borrow	Ton	-675 4,809.86
203(19)	Filter Course	Ton	3,200 2,180.25
205(6)	Structural Fill	Cubic Yard	446 505.62
301(1)	Aggregate Base Course, Grading D-1	Ton	1,250 2,466.94
304(1)	Subbase, Grading Type A	Ton	-5,300 1,387.24
306(1)	ATB	Ton	775 603.65
401(1)	HMA, SP, Type B	Ton	-225 3,131.66
401(4)	Asphalt Binder, Grade PG 64-28	Ton	92 571.76
401(8)	HMA Price Adjustment, SP, Class B	Contingent Sum	All Req'd
401(9)	Longitudinal Joint Density Price Adjustment	Contingent Sum	All Req'd
401(15)	Asphalt Material Price Adjustment	Contingent Sum	All Req'd
402(1)	STE-1 Asphalt For Tack Coat	Ton	3 9.67
410(11)	HMA, Type II, Class B	Ton	760 1328.62
410(81)	HMA Price Adjustment, Type II, Class B	Contingent Sum	All Req'd
501(1)	Class A Concrete	Lump Sum	All Req'd
501(7)	Precast Concrete Member (59'-4"x4'-2" Bulb-TEE)	Each	8
503(1)	Reinforcing Steel	Lump Sum	All Req'd
503(2)	Epoxy-Coated Reinforcing Steel	Lump Sum	All Req'd
503(3)	Drill and Bond Dowels	Each	152
505(5)	Furnish Structural Steel Piles (1'-6"x0.375" Pipe Piles)	Linear Foot	722 718.62
505(6)	Drive Structural Steel Piles (1'-6"x0.375" Pipe Piles)	Each	12
505(12)	Building Survey	Each	4
507(1)	Steel Bridge Railing	Linear Foot	243
508(1)	Waterproofing Membrane	Lump Sum	All Req'd
510(1)	Removal of Concrete Bridge Deck	Square Foot	607 600
606(1)	W-Beam Guardrail	Linear Foot	1,644 1,436.80
606(6)	Removing And Disposing Of Guardrail	Linear Foot	1,662 5,119.00
606(16)	Transition Rail	Each	4
609(1)	Curb, Type Expressway	Linear Foot	-207 297.90
611(2-1)	Riprap, Class I	Ton	-730 878.64
611(2-11)	Riprap, Class II	Ton	-2,000 1,387.42
611(3)	Streambed Material for Riprap	Ton	-104 69.40
615(1)	Standard Sign	Square Foot	423 124.93
615(5)	Delineator, Flexible	Each	6 16
618(2)	Seeding	Pound	46 149.08
619(3)	Bonded Fiber Matrix (BFM)	Pound	978 4,183.68
620(2)	Topsoil	Cubic Yard Vehicle Measure	434 494.28
621(2)	Shrub	Each	224
629(1)	Guardrail Paving	Linear Foot	1,565 15
640(1)	Mobilization And Demobilization	Lump Sum	All Req'd
641(1)	Erosion, Sediment and Pollution Control Administration	Lump Sum	All Req'd
641(3)	Temporary Erosion, Sediment and Pollution Control	Lump Sum	All Req'd
641(5)	Temporary Erosion, Sediment and Pollution Control by Directive	Contingent Sum	All Req'd
641(6)	Withholding	Contingent Sum	All Req'd
642(1)	Construction Surveying	Lump Sum	All Req'd
643(2)	Traffic Maintenance	Lump Sum	All Req'd
643(3)	Permanent Construction Signs	Lump Sum	All Req'd
643(14)	Interim Pavement Marking	Station	405 767.71
643(15)	Flagging	Contingent Sum	All Req'd
643(23)	Traffic Price Adjustment	Contingent Sum	All Req'd
643(25)	Traffic Control	Contingent Sum	All Req'd
643(33)	Public Information Program	Lump Sum	All Req'd
643(34)	Portable Concrete Barrier	Lump Sum	All Req'd
644(1)	Field Office	Lump Sum	All Req'd
645(1)	Training Program, Trainees/Apprentices	Labor Hour	200
646(1)	CPM Scheduling	Lump Sum	All Req'd
660(13)	Relocate Electroler	Each	9
660(14)	Traffic Signal System Modifications	Lump Sum	All Req'd
670(13)	Inlaid Methyl Methacrylate Pavement Markings	Lump Sum	All Req'd

BASIS OF ESTIMATE			
ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTORS	
203(19)	Filter Course	140 LBS/CF	
301(1)	Aggregate Base Course, Grading D-1	145 LBS/CF	
304(1)	Subbase, Grading Type A	1.81 TONS/CY	
304(1)	Subbase, Grading Type C	134 LBS/CF	
306(1)	ATB	148 LBS/CF	
401(1)	HMA, SP, Type B	150 LBS/CF	
401(4)	Asphalt Binder, Grade PG 64-28	4.5% OF ITEM 306(1), 6% OF ITEM 401(1)	
402(1)	STE-1 Asphalt For Tack Coat	2.78 X 10^-4 TONS/SY	
501(1)	Class A Concrete	173 CY FOR BRIDGE 15 CY FOR ISLANDS	
505(12)	Building Survey	Pre & Post Building Survey of Planned Parenthood and Media Limited Buildings	
611(2-1)	Riprap, Class I	105 LBS/CF	
611(2-11)	Riprap, Class II	105 LBS/CF	
611(3)	Streambed Material for Riprap	132 LBS/CF	
NEW ITEMS ADDED BY CHANGE ORDER			
111(1)	DISPUTED QUANTITIES EQUITABLE ADJUSTMENT, CO 21	LUMP SUM	ALL REQ'D
202(14)	REMOVAL OF BURIED TANK, CO 20	LUMP SUM	ALL REQ'D
503(1a)	REINFORCING STEEL MODIFICATIONS, CO 27	LUMP SUM	ALL REQ'D
505(5a)	FURNISH ADDITIONAL PILE PILES, CO 26	LUMP SUM	ALL REQ'D
505(6a)	PILE DRIVING STANDBY, CO 25	LUMP SUM	ALL REQ'D
508(2)	FURNISH WATER PROOF MEMBRANE, CO 15	LUMP SUM	ALL REQ'D
508(3)	WATER PROOF MEMBRANE REPAIR COMPLETE, CO 15	LUMP SUM	ALL REQ'D
611(4)	ABUTMENT PROTECTION, CLASS I, CO 15	LUMP SUM	ALL REQ'D
642(1a)	ADDITIONAL CONSTRUCTION SURVEYING, CO 11	HOUR	52.32
643(35)	REMOVAL OF PORTABLE CONCRETE BARRIER, CO 8	LUMP SUM	ALL REQ'D
660(13a)	RELOCATE ELECTROLER MODIFICATIONS, CO 3	LUMP SUM	ALL REQ'D
660(13a)	ELECTROLER FOUNDATION CREDIT, CO 13	LUMP SUM	ALL REQ'D
660(15)	BORE THREE 2 INCH CONDUITS, CO 5	LUMP SUM	ALL REQ'D
660(16)	ELECTRICAL SYSTEM CREDIT, CO 5	LUMP SUM	ALL REQ'D
660(17)	RE-ROUTE DIRECTIONAL BORE CONDUIT, CO 14	LUMP SUM	ALL REQ'D

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. GOINS		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION	
		JNU - EGAN DRIVE SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS PROJECT # 67595	
DESIGNED BY: N. PURVES		ESTIMATE OF QUANTITIES	
DRAWN BY: N. PURVES			
P.A.T.H.: Q:\JNU\67595\PLANSET\2015\67595_C_ESTIMATE OF QUANTITIES.DWG			
TAB: C1 PURVES, NATHAN A (DOT)			
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	
		EBL-0932(51)	2015
			SHEET NO. C1
			TOTAL SHEETS 51

615 (1) STANDARD SIGN SUMMARY										
NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	SIGN FACING	REMARKS
1	118+65	LT	(Left Arrow) I (Up Arrow)	R3-8L/S	30	30	6.25	Traffic Pole	E	Mount below signal head
2	118+75	LT	YIELD	R1-2	48	48	6.93	2.5 PST	N	
3	119+45	RT	STOP	R1-1					N	Remove, do not replace.
4	119+54	LT	DO NOT ENTER	R5-1	48	48	16.00	Light Pole	S	
5	119+54	LT	NO PEDESTRIANS OR BICYCLES	R5-10B	30	18	3.75	Light Pole	S	Mount below sign 4
6	119+78	RT	← Channel Dr Glacier Hwy →	D3-102	90	30	18.75	Light Pole	S	Mount on signal mast arm. Use 8" UC E font
7	119+78	RT	LEFT ON GREEN ARROW ONLY	R10-5	30	36	7.50	Traffic Pole	S	Mount on signal mast arm
8	120+64	RT	NO PEDESTRIANS AND BICYCLES	R5-10B	30	18	3.75	2.5 PST	S	
9	123+73	LT	Salmon Creek	I-3	60	48	20.00	(2) 4x6 Wood	N	C font 10.67 UC/8" LC
10	124+42	LT	(Hospital Symbol) HOSPITAL	D9-2	24	30	5.00	2.5 PST	N	
11	124+42	LT	—	D9-301	24	6	1.00	-	N	Mount below sign 10. Use BLUE background.
12	125+97	LT	← HOSPITAL						N	Remove, do not replace.
13	126+41	RT	SLOWER TRAFFIC KEEP RIGHT	R4-3	48	60	20.00	6x6 Wood	S	
14	127+78	RT	SINGLE FACED 1 DIGIT MILE MARKER (4)	D10-101	12	24	2.00	2.5 PST	S	
15	131+48	RT	SPEED LIMIT 55	R2-1	36	48	12.00	4x6 Wood	S	

606 (16) TRANSITION RAIL			
FROM	TO	OFFSET	REMARKS
121+39.6	121+56.8	RIGHT	
122+16.7	122+33.9	LEFT	
122+79.0	122+96.2	RIGHT	
123+52.6	123+69.8	LEFT	

606 (6) REMOVING AND DISPOSING OF GUARDRAIL				
FROM	TO	OFFSET	LENGTH	REMARKS
119+72.7	121+63.6	RIGHT	300'	
121+70.5	122+26.4	LEFT	62.5'	
122+87.3	131+81.0	RIGHT	893.75'	
123+48.6	127+43.6	LEFT	400'	


606 (1) W-BEAM GUARDRAIL INSTALLATION				
FROM	TO	OFFSET	LENGTH	REMARKS
119+72.7	121+39.6	RIGHT	237.5'	INCLUDES DOWNSTREAM END ANCHOR
121+70.5	122+16.7	LEFT	43.75'	INCLUDES DOWNSTREAM END ANCHOR
122+96.2	131+81.0	RIGHT	884.75'	CONNECT TO EXISTING GUARDRAIL
123+69.8	127+43.6	LEFT	375'	CONNECT TO EXISTING GUARDRAIL

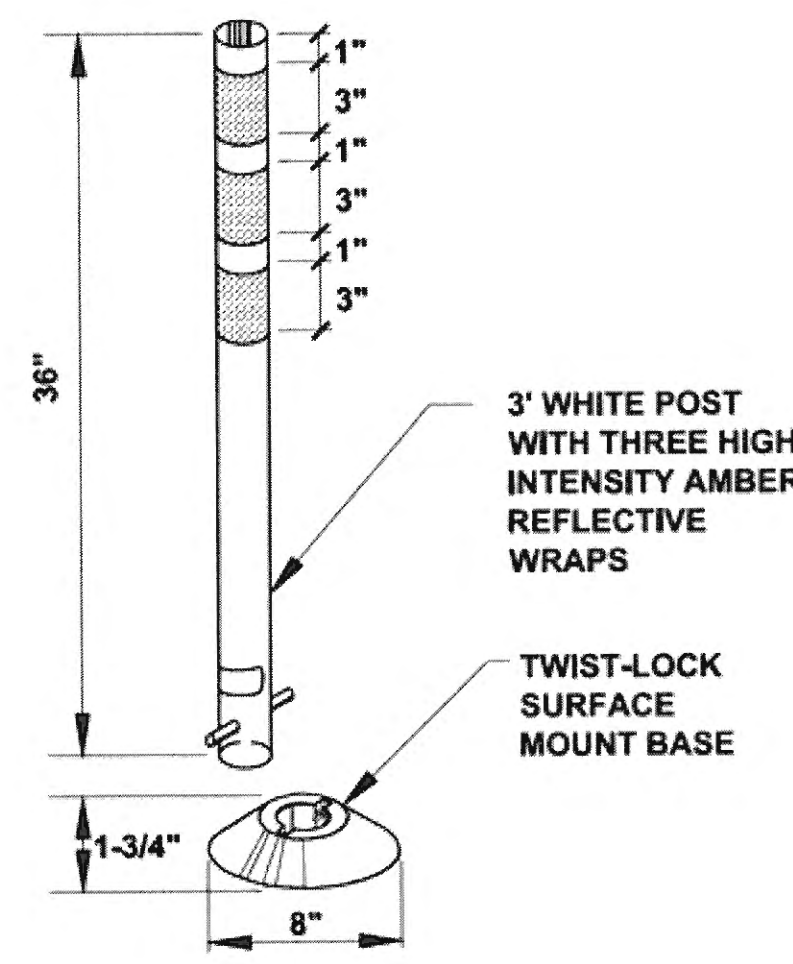
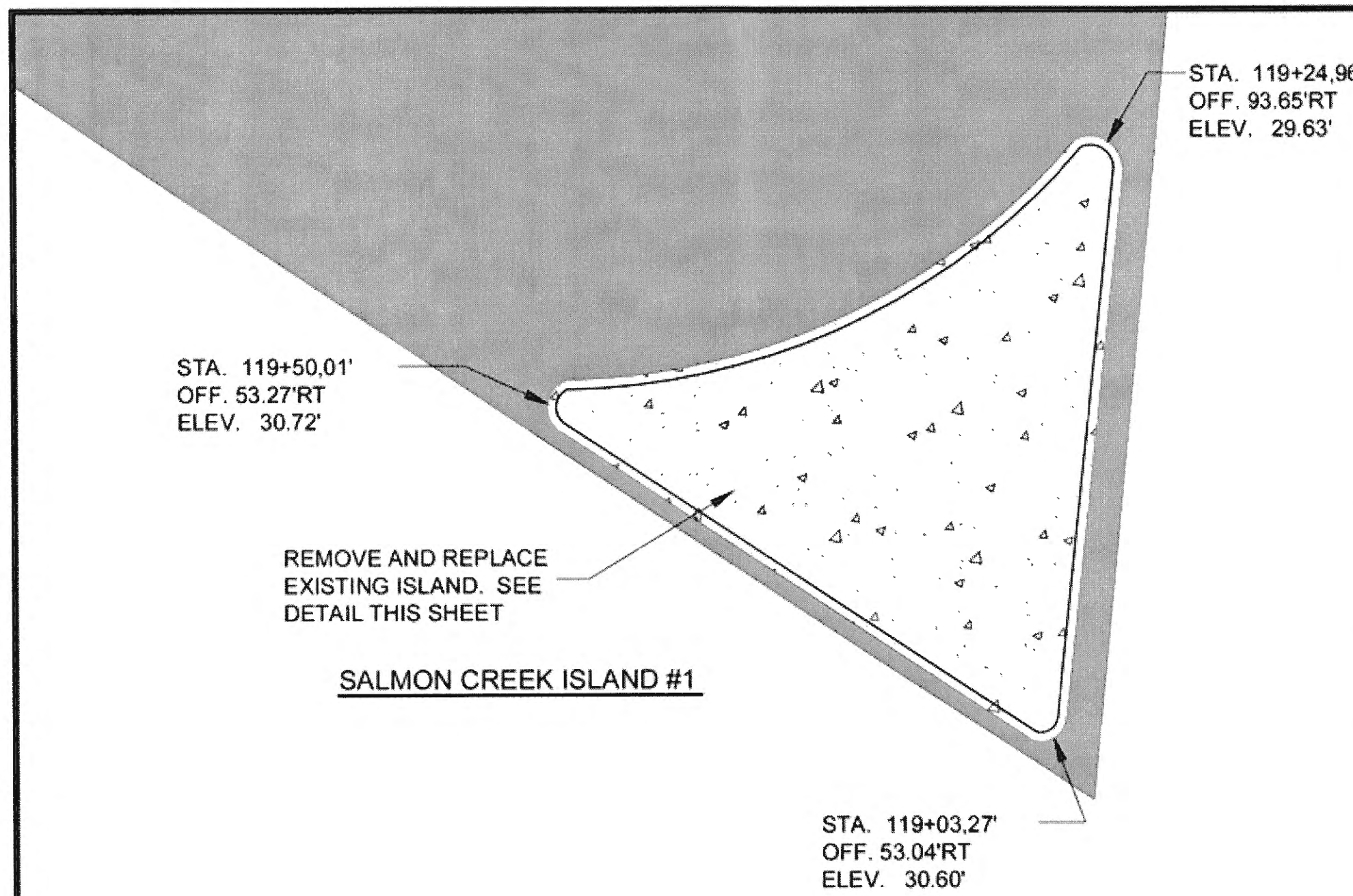
202(1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS					
FROM	TO	OFFSET	LENGTH	TYPE	REMARKS
119+63.3	121+66.6	RIGHT	208'	CHAIN LINK FENCE	
123+45.9	126+93.7	LEFT	348'	TYPE 2 RIPRAP	

MEDIAN PAVING							
SOUTHBOUND STA.	OFFSET		REMARKS	NORTHBOUND STA.	OFFSET		REMARKS
	DISTANCE	DIRECTION			DISTANCE	DIRECTION	
114+88.2	14.9'	LEFT OF CL					
115+38.2	12.7'	LEFT OF CL					
115+88.2	10.5'	LEFT OF CL					
116+38.2	8.3'	LEFT OF CL					
116+88.2	6.2'	LEFT OF CL					
117+16.8			BEGIN FULL MEDIAN PAVING	117+16.8			BEGIN FULL MEDIAN PAVING
117+73.1			END FULL MEDIAN PAVING	117+73.1			END FULL MEDIAN PAVING
119+82.0			BEGIN FULL MEDIAN PAVING	119+82.0			BEGIN FULL MEDIAN PAVING
121+18.6			END FULL MEDIAN PAVING	121+18.6			END FULL MEDIAN PAVING
121+68.6	3.1'	RIGHT OF CL		121+68.6	8.2'	RIGHT OF CL	
121+97.0	0.0'	CL	TRANSITION TO EXISTING	122+18.6	7.6'	RIGHT OF CL	
125+38.1	8.0'	LEFT OF CL	TRANSITION FROM EXISTING	122+68.6	6.4'	RIGHT OF CL	
125+88.0	7.9'	LEFT OF CL		123+18.6	5.3'	RIGHT OF CL	
126+38.0	7.9'	LEFT OF CL		123+68.6	7.1'	RIGHT OF CL	
126+88.1	7.8'	LEFT OF CL		124+18.6	7.0'	RIGHT OF CL	
127+38.1	7.8'	LEFT OF CL		124+68.6	6.9'	RIGHT OF CL	
127+88.1	9.2'	LEFT OF CL		125+18.6	6.7'	RIGHT OF CL	
128+38.1	10.75'	LEFT OF CL		125+68.6	6.8'	RIGHT OF CL	
128+88.1	12.4'	LEFT OF CL		126+18.6	6.4'	RIGHT OF CL	
129+38.1	14.0'	LEFT OF CL		126+68.6	6.3'	RIGHT OF CL	
129+54.2	14.5'	LEFT OF CL	TRANSITION TO EXISTING	127+18.6	6.1'	RIGHT OF CL	
				127+68.6	5.9'	RIGHT OF CL	
				128+18.6	5.8'	RIGHT OF CL	
				128+68.6	5.7'	RIGHT OF CL	
				129+18.6	6.0'	RIGHT OF CL	
				129+68.6	6.7'	RIGHT OF CL	
				130+18.6	7.9'	RIGHT OF CL	
				130+68.6	8.2'	RIGHT OF CL	
				131+18.6	8.2'	RIGHT OF CL	
				131+68.6	8.2'	RIGHT OF CL	
				132+18.6	9.5'	RIGHT OF CL	
				132+68.6	11.2'	RIGHT OF CL	
				133+18.6	12.9'	RIGHT OF CL	
				133+68.6	14.6'	RIGHT OF CL	
				134+05.7	15.8'	RIGHT OF CL	TRANSITION TO EXISTING

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PE *St. Miller* Date *2/18/20*

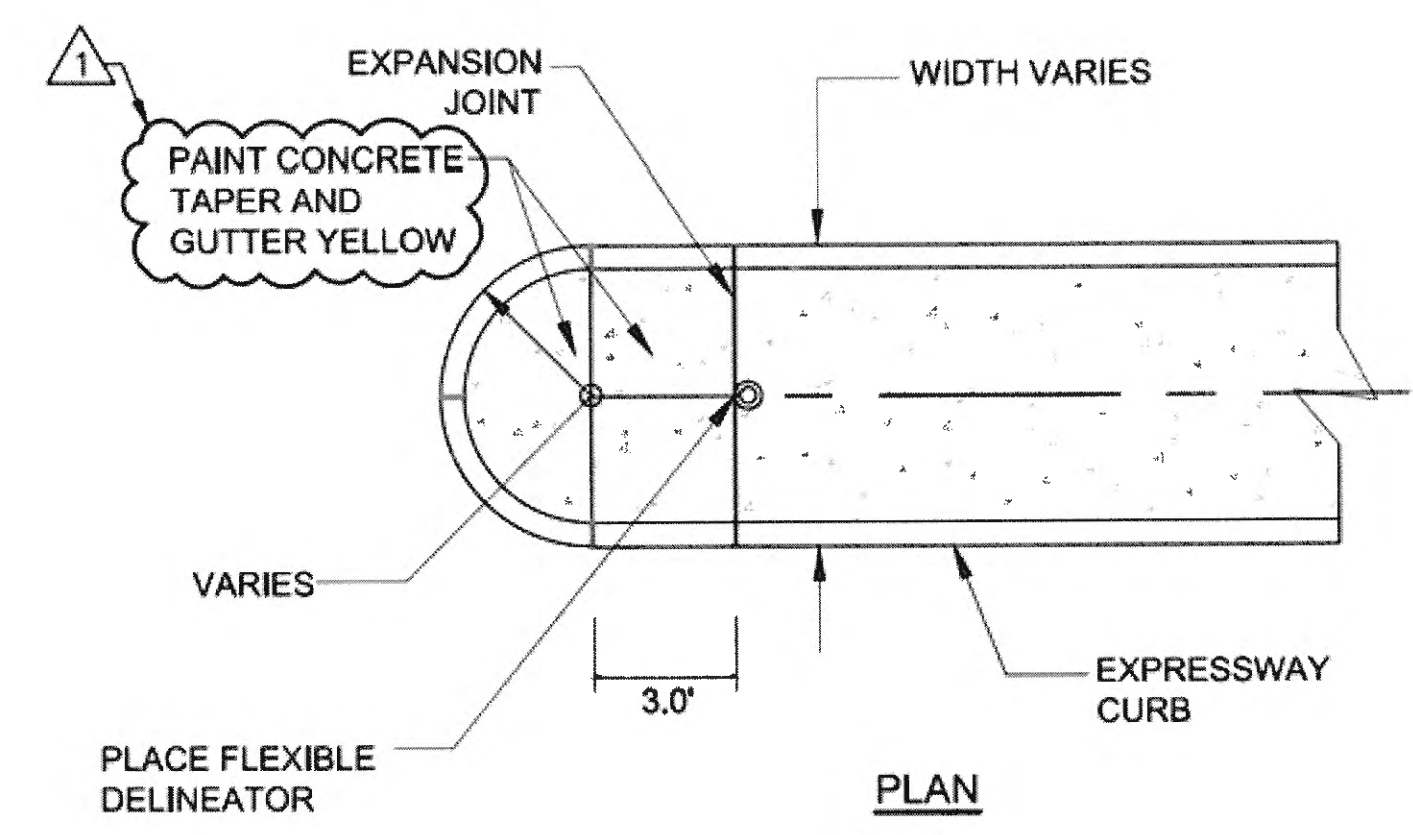
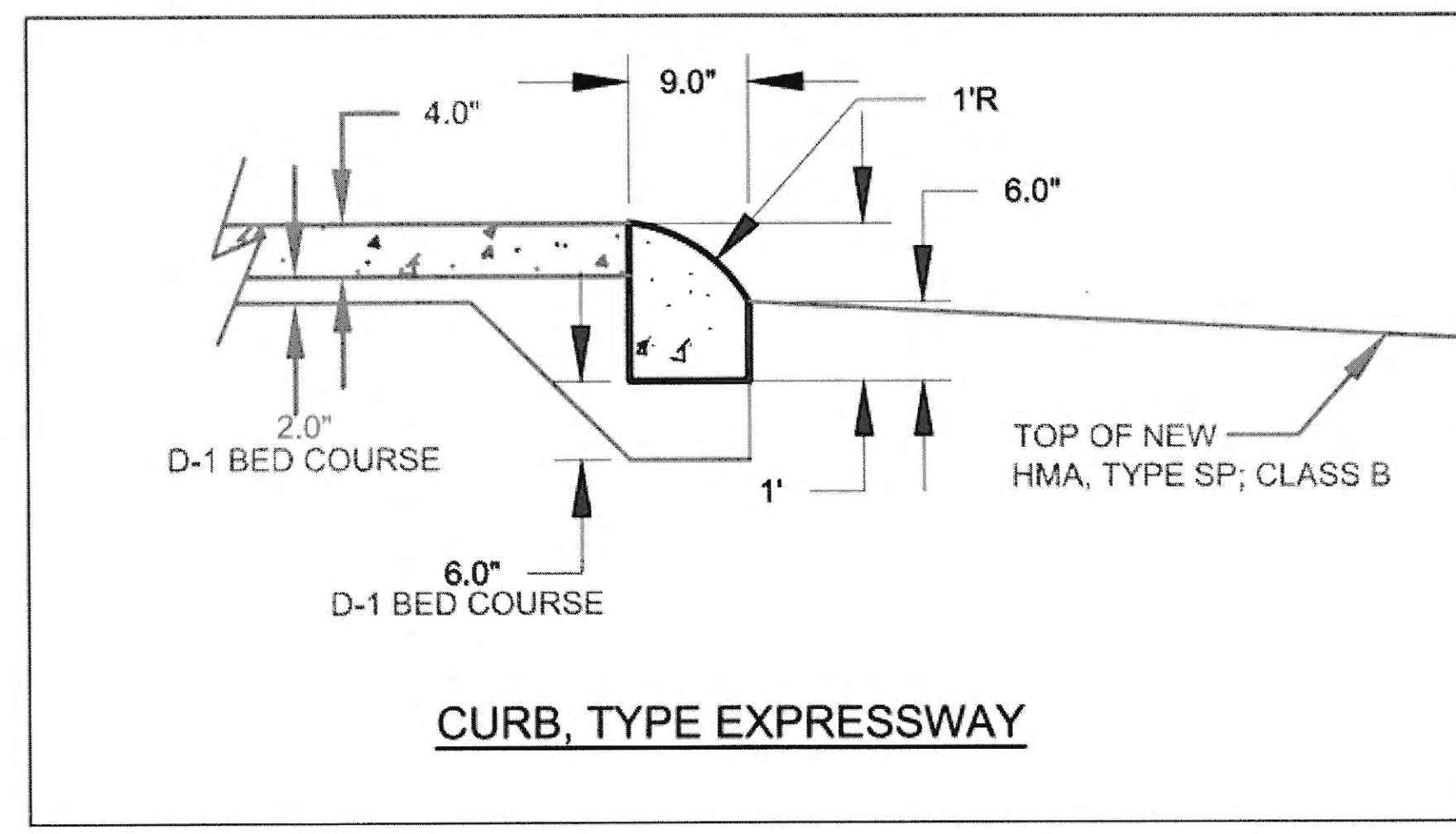
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CHECKED BY: C. GOINS 	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION JNU - EGAN DRIVE SALMON CREEK INTERSECTION SAFETY IMPROVEMENTS PROJECT # 67595										
SUMMARIES											
DESIGNED BY: N. PURVES DRAWN BY: N. PURVES											
PATH: Q:\JNU\67595\PLANSET\2015\67595_D_SUMMARIES.DWG TAB: D1											
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PROJECT DESIGNATION EBL-0932(51)	YEAR 2015	SHEET NO. D1	TOTAL SHEETS 51								

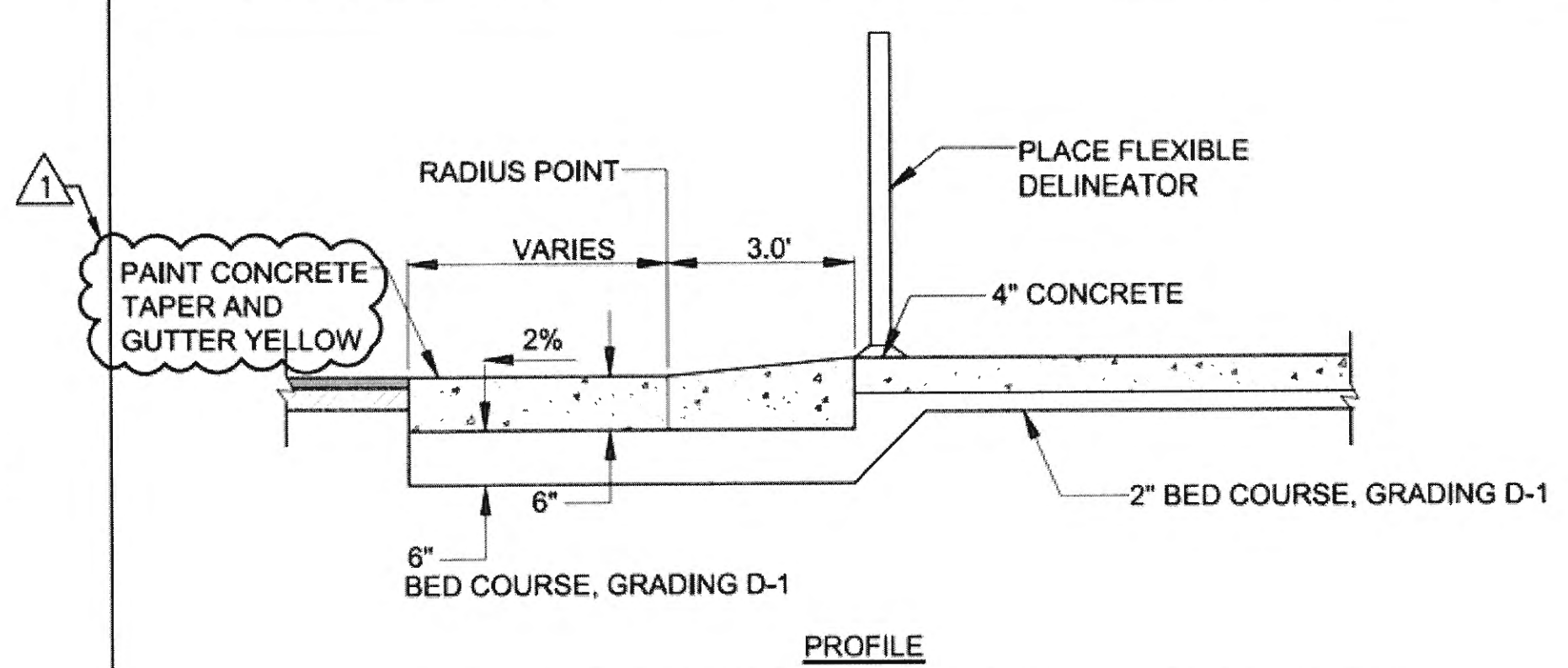


TYPE-A FLEXIBLE DELINEATOR

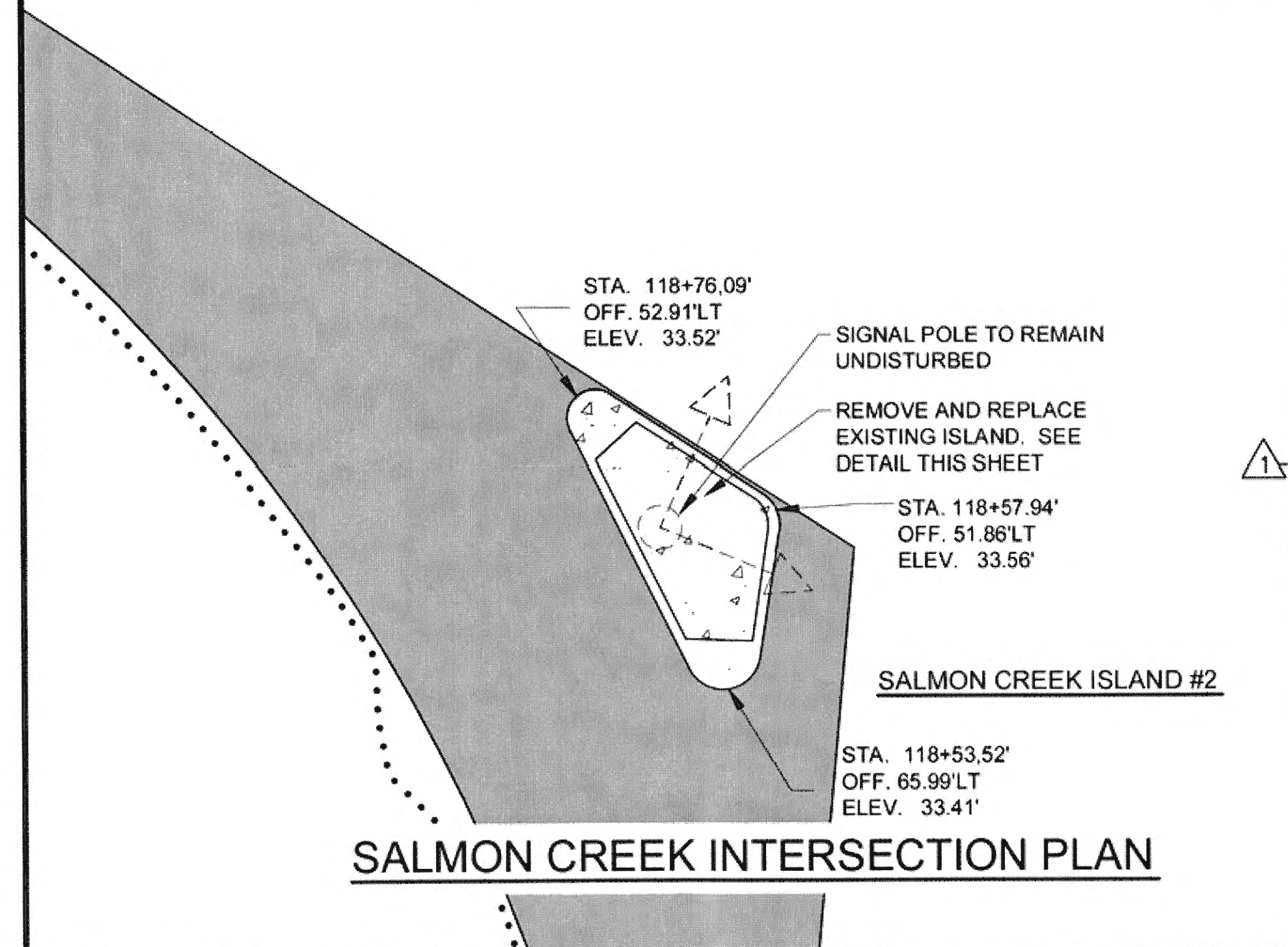
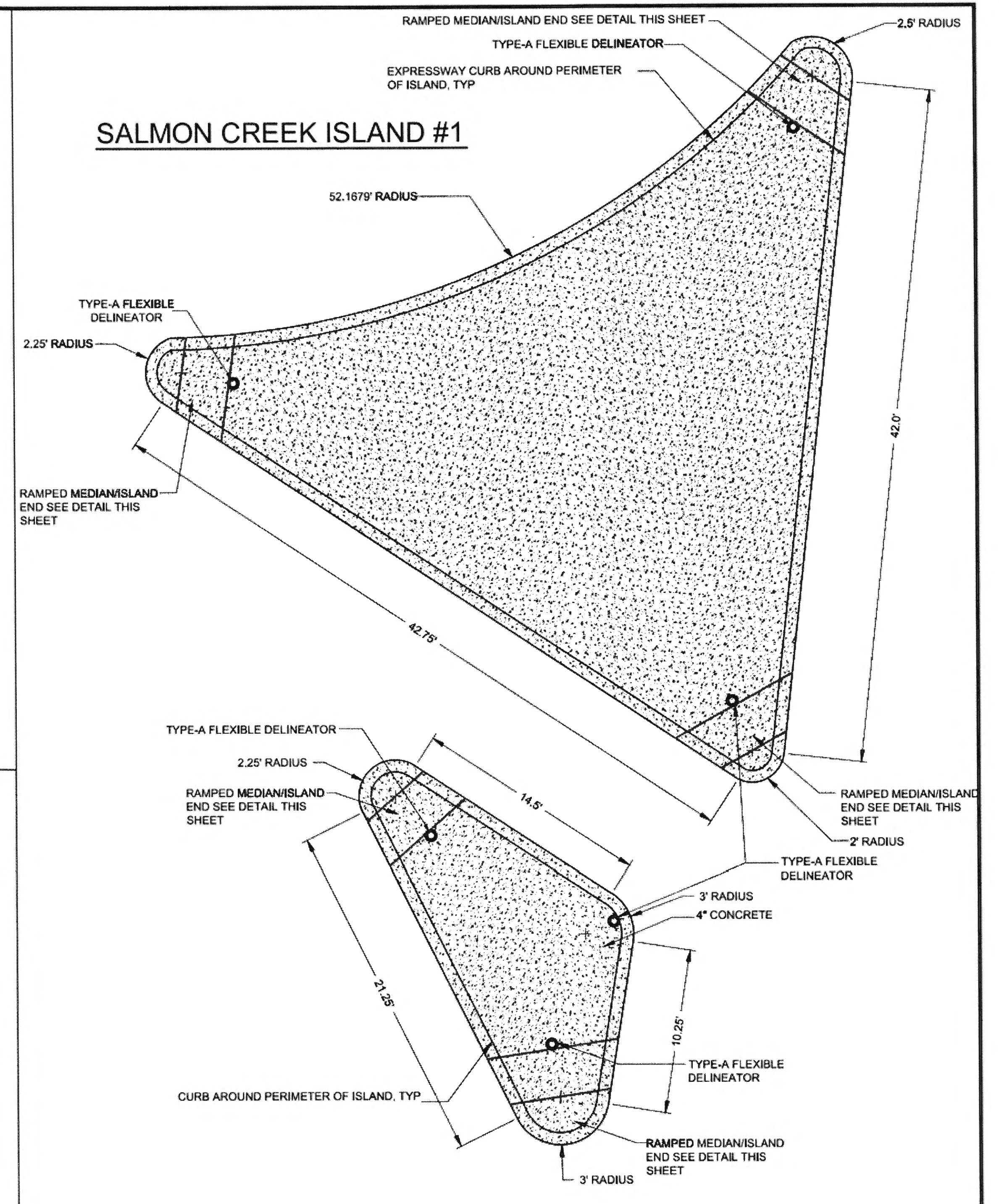
- FLEXIBLE DELINEATOR NOTES:**
1. DELINEATORS SHALL BE INSTALLED AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
 2. DELINEATORS SHALL BE WHITE IN COLOR. DELINEATORS INSTALLED ON OUTSIDE SHOULDERS SHALL HAVE WHITE REFLECTIVE SHEETING. DELINEATORS INSTALLED ON MEDIAN SHOULDERS SHALL HAVE YELLOW REFLECTIVE SHEETING.



RAMPED MEDIAN/ISLAND END DETAIL



RAMPED MEDIAN/ISLAND END DETAIL



NOTE:
GRADE FROM CENTER OF ISLANDS TO OUTER EDGE OF ISLAND AT 2%.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *St. Milk* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. GOINS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT # 67595

MISCELLANEOUS DETAILS

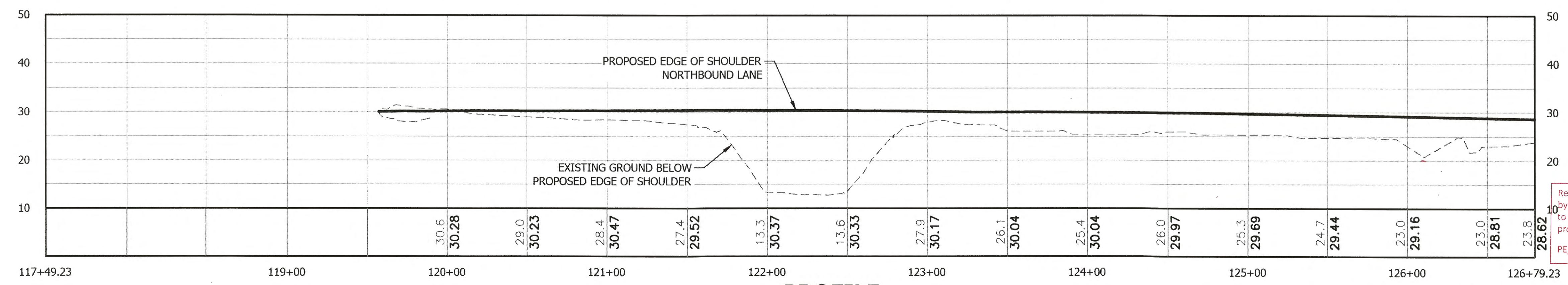
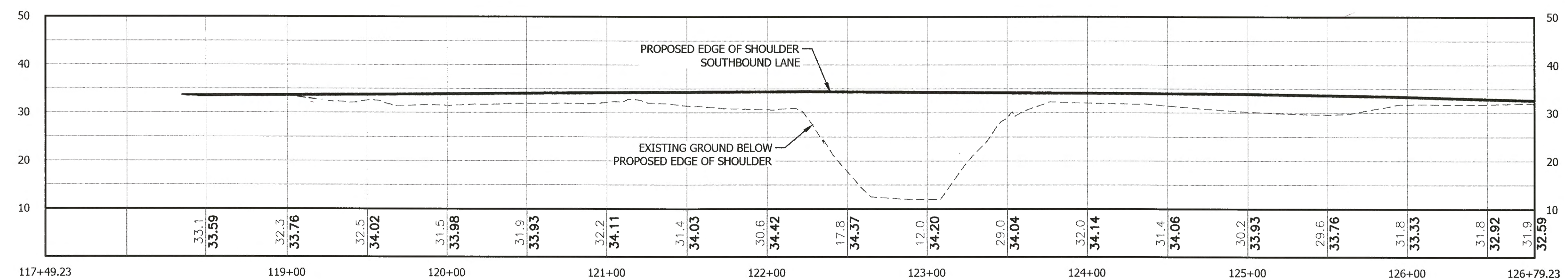
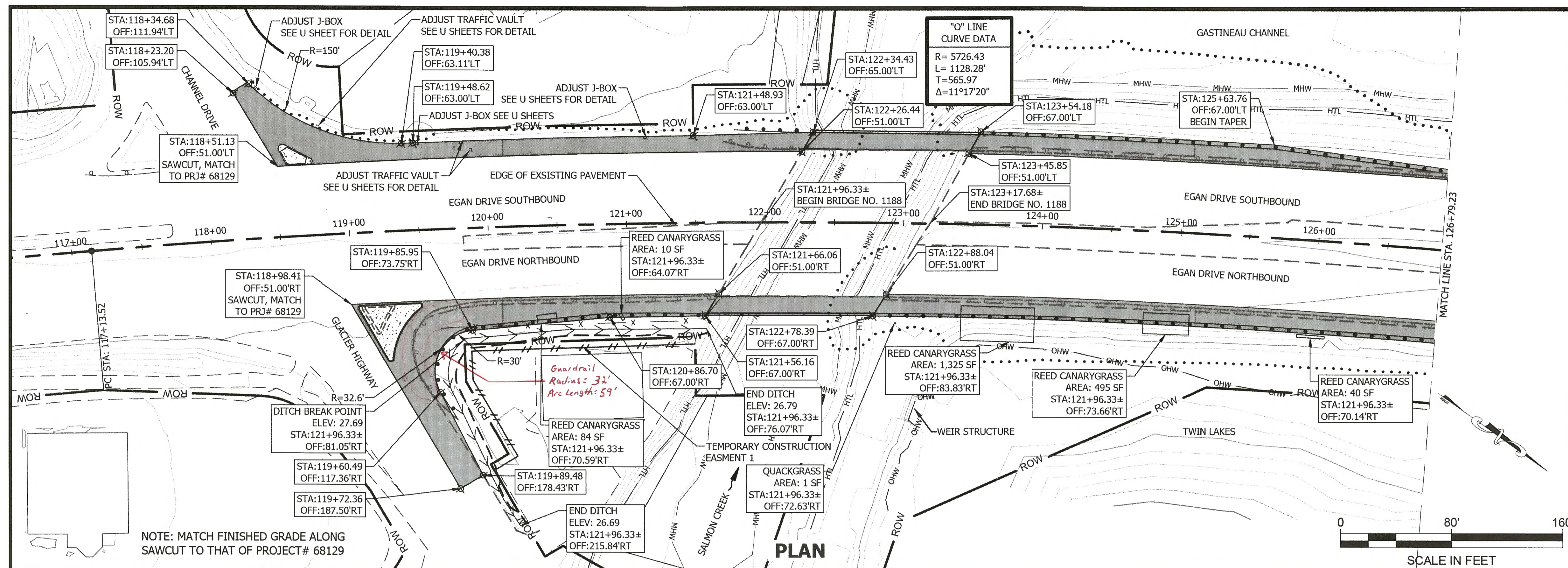
DESIGNED BY: N. PURVES
DRAWN BY: N. PURVES
DATE: 12/07/15

STATE OF ALASKA
49th
Christopher B. Goins
CE-14889
REGISTERED PROFESSIONAL ENGINEER

PROJECT DESIGNATION: EBL-0932(51)
YEAR: 2015
SHEET NO.: E1
TOTAL SHEETS: 51

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
1	12-07-15	NOTED TO PAINT ENDS OF TRAFFIC ISLANDS	EBL-0932(51)	2015	E1	51

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Stu Milk* Date: 2/18/20

PLAN LEGEND

CHECKED BY: C. GOINS

11/4/15

DESIGNED BY: N. PURVES
 DRAWN BY: N. PURVES

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

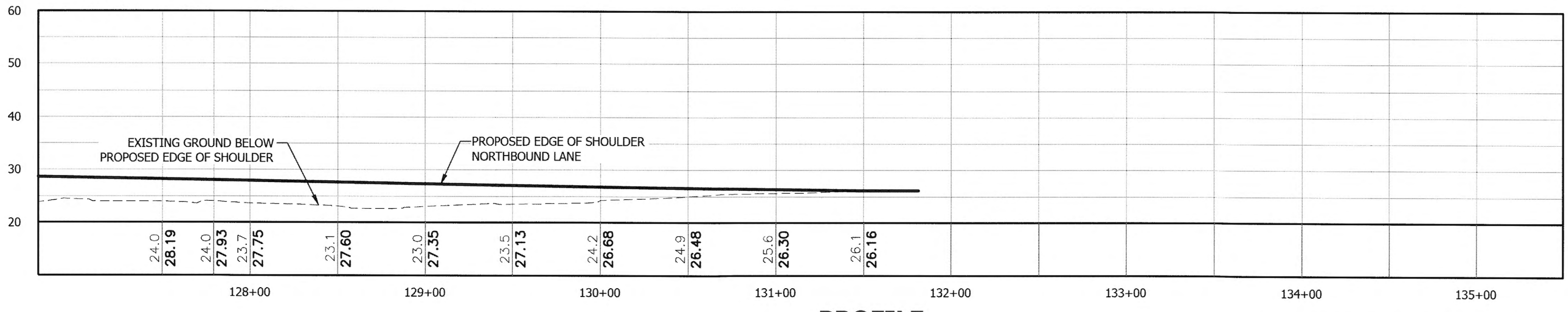
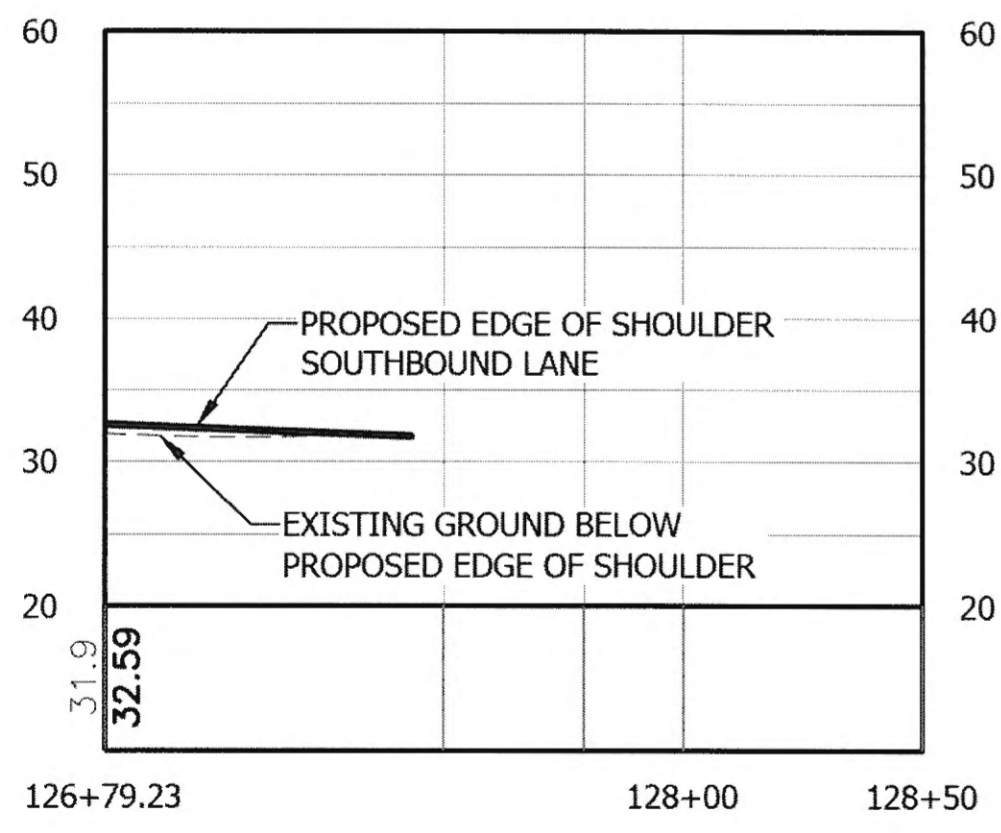
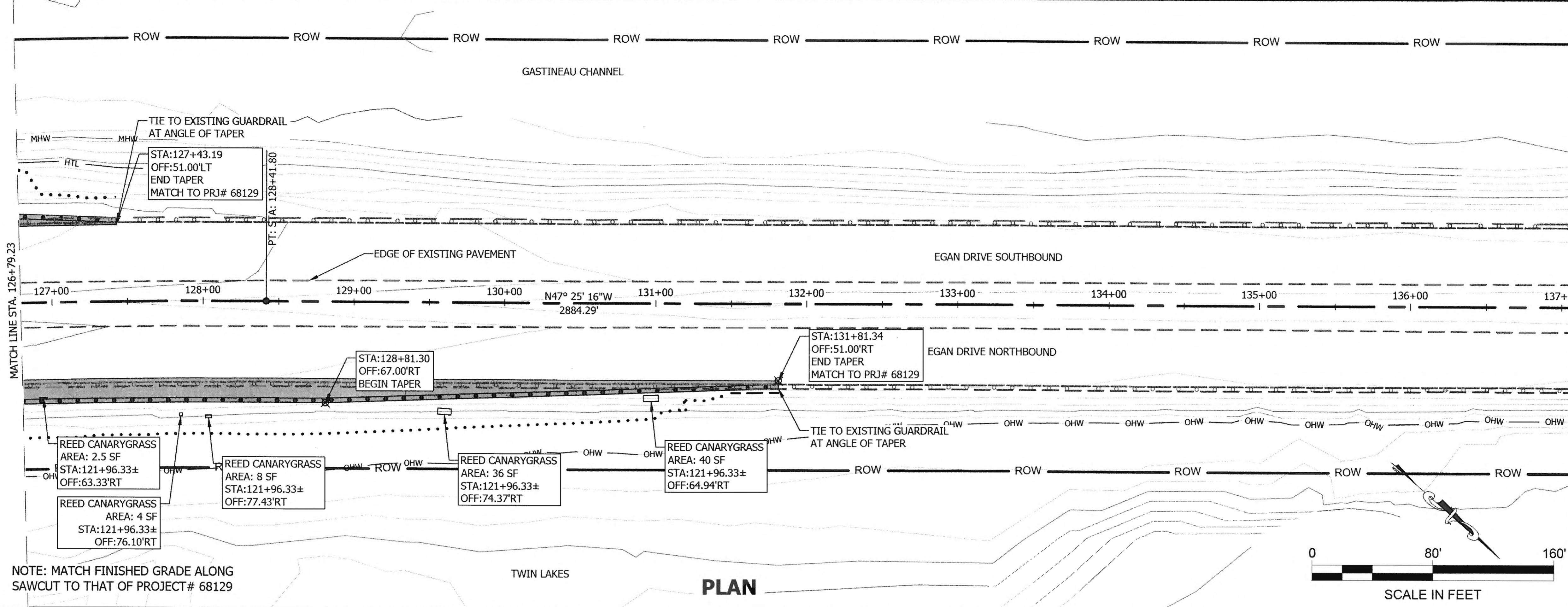
JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

PLAN AND PROFILE

PROJECT DESIGNATION	
EBL-0932(51)	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F1	51

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stark* Date 2/18/20

PLAN LEGEND

CHECKED BY: C. GOINS



11/4/15

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

PLAN AND PROFILE

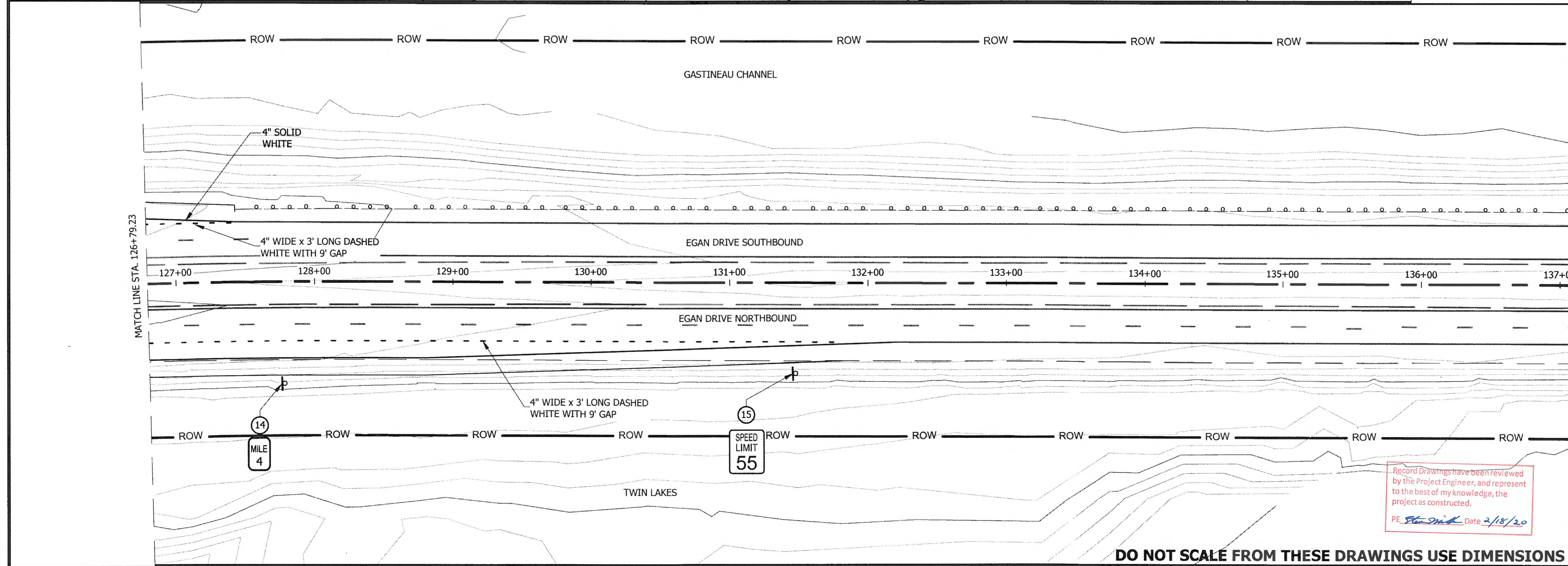
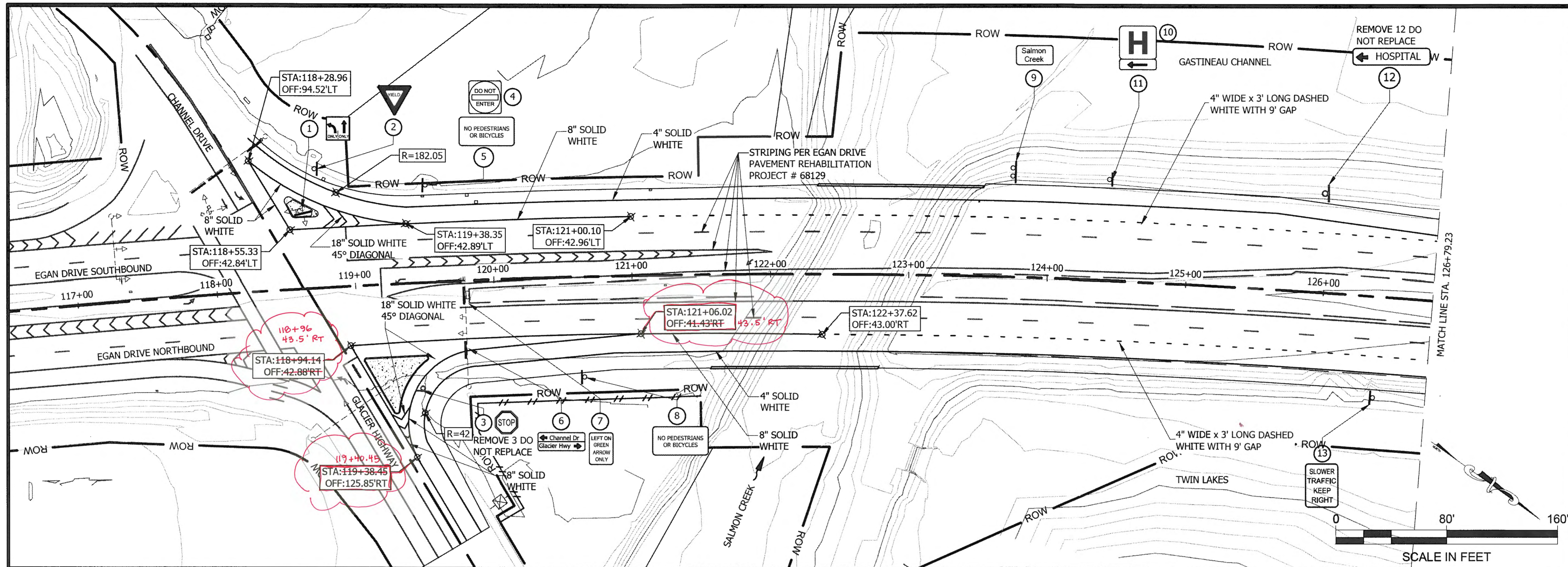
PROJECT DESIGNATION

EBL-0932(51)

STATE: ALASKA YEAR: 2015

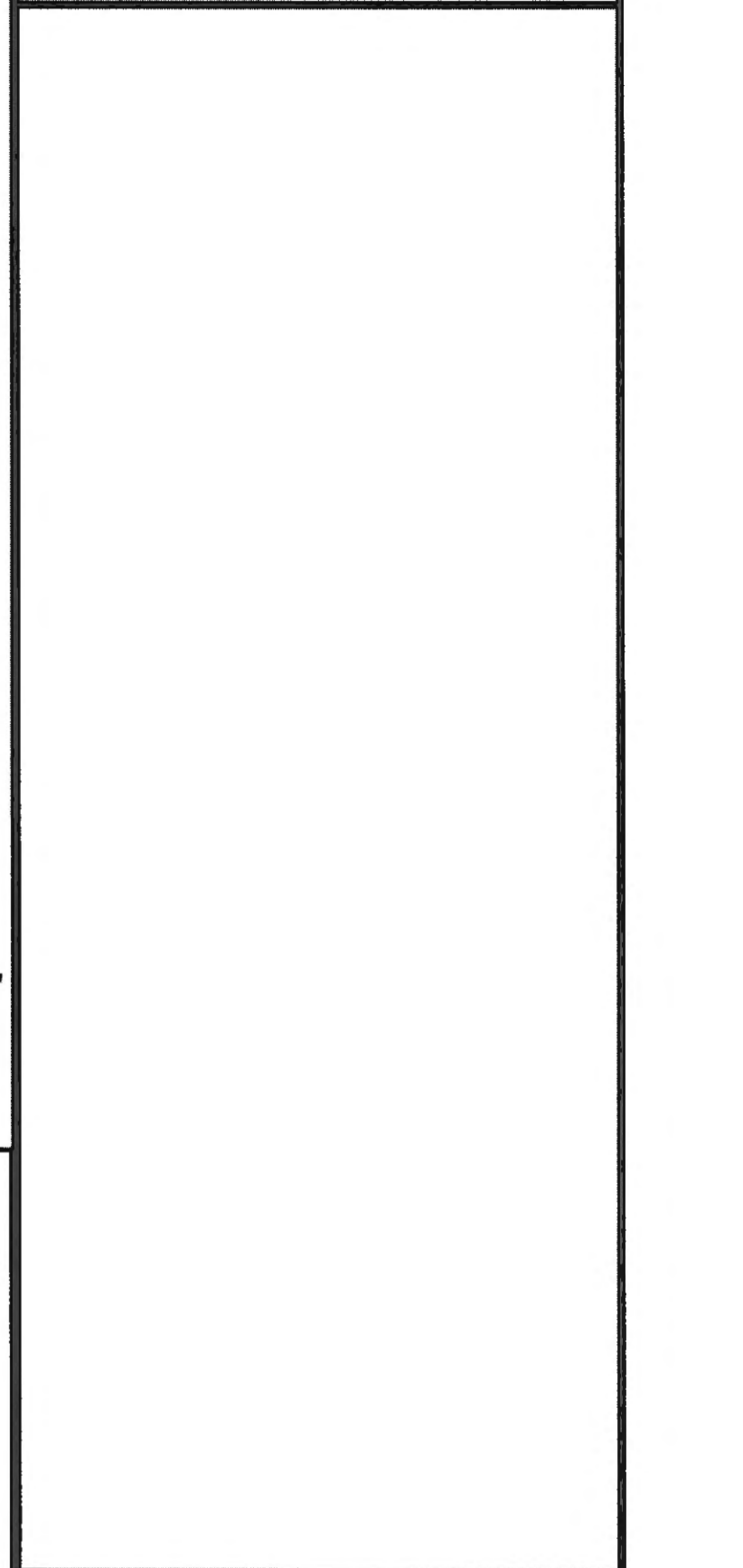
SHEET NUMBER: F2 TOTAL SHEETS: 51

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

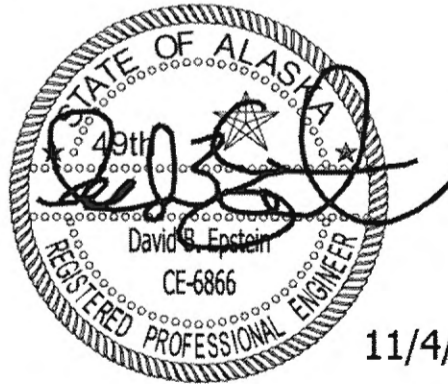


PATH: Q:\JNU\67595\PLANSET\2015\67595_H_SIGN AND STRIPPING.DWG
 PURVES, NATHAN A (DOT)
 TAB: H1 Wednesday, November 04, 2015 9:52:28 AM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. GOINS



11/4/15

DESIGNED BY: N. PURVES
 DRAWN BY: N. PURVES

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

SIGN AND STRIPING PLAN

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
H1	51

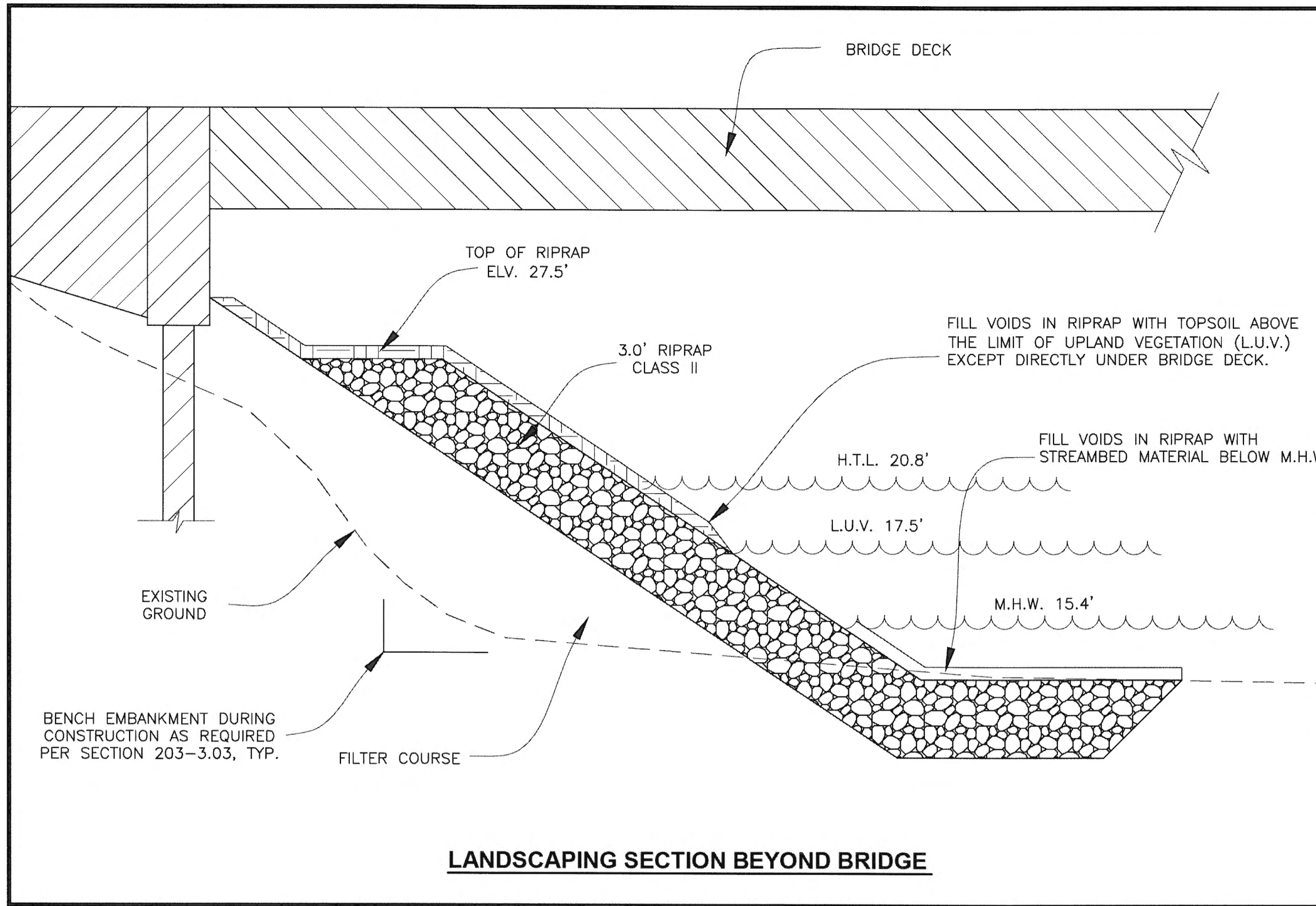
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Stan Shick* Date 2/18/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

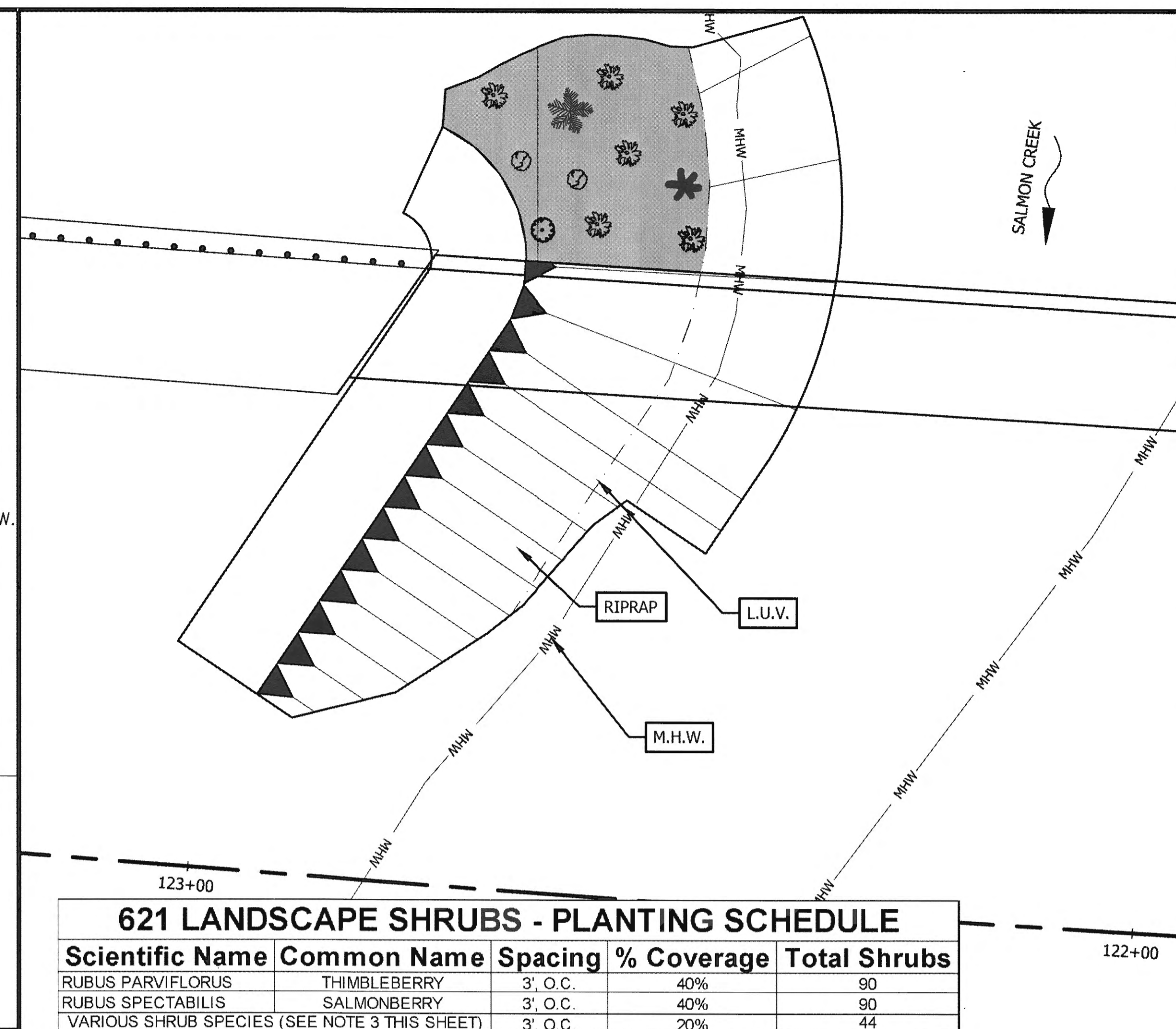
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

JNU: GLACIER HWY -
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT NO. 67595

ABUTMENT RIPRAP LANDSCAPING



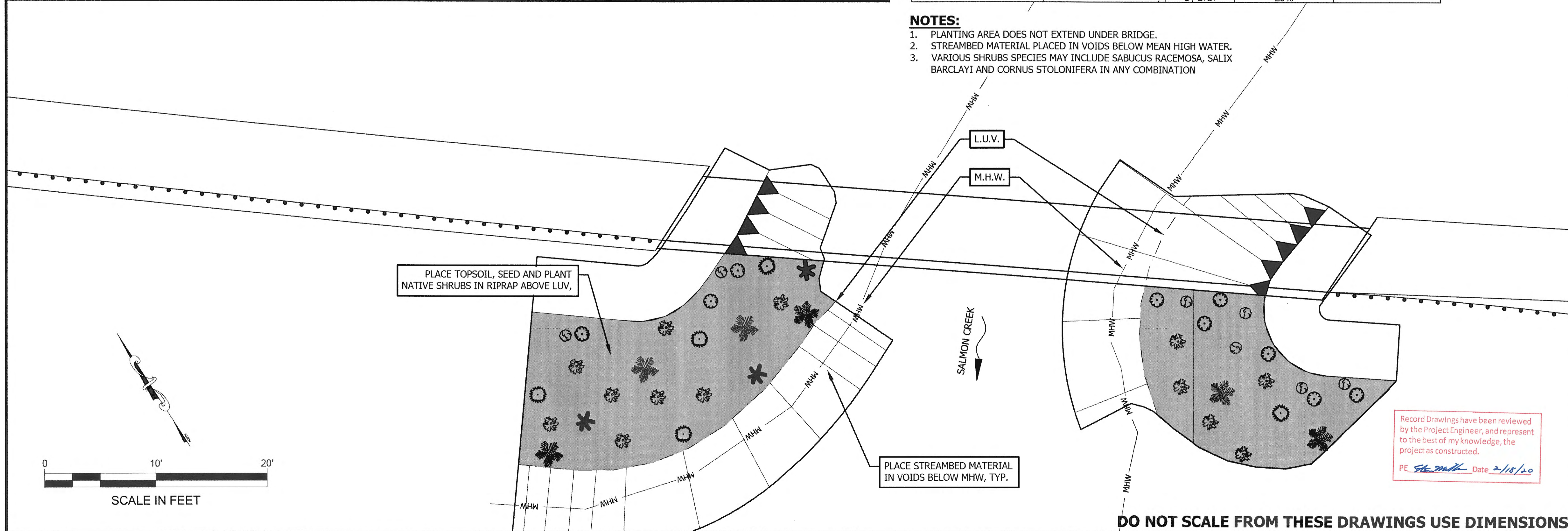
LANDSCAPING SECTION BEYOND BRIDGE



621 LANDSCAPE SHRUBS - PLANTING SCHEDULE

Scientific Name	Common Name	Spacing	% Coverage	Total Shrubs
RUBUS PARVIFLORUS	THIMBLEBERRY	3', O.C.	40%	90
RUBUS SPECTABILIS	SALMONBERRY	3', O.C.	40%	90
VARIOUS SHRUB SPECIES (SEE NOTE 3 THIS SHEET)				
		3', O.C.	20%	44

- NOTES:**
1. PLANTING AREA DOES NOT EXTEND UNDER BRIDGE.
 2. STREAMBED MATERIAL PLACED IN VOIDS BELOW MEAN HIGH WATER.
 3. VARIOUS SHRUBS SPECIES MAY INCLUDE SABUCUS RACEMOSA, SALIX BARCLAYI AND CORNUS STOLONIFERA IN ANY COMBINATION



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Sh. M.H.* Date 2/18/20

PLAN LEGEND

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES
 DRAWN BY: N. PURVES

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

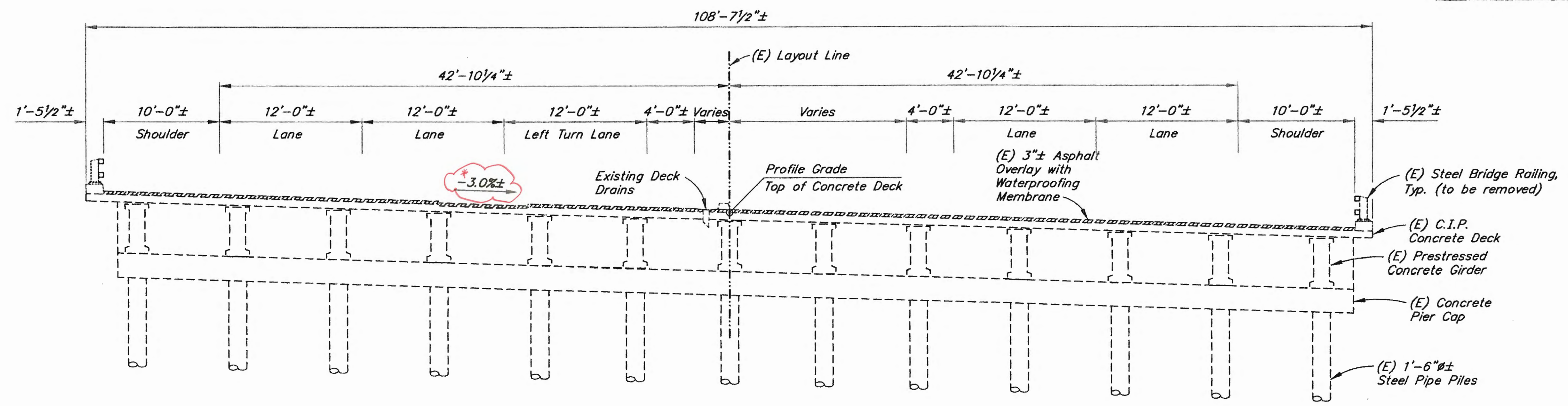
JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

ABUTMENT RIPRAP LANDSCAPE

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
L1	51

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N2	

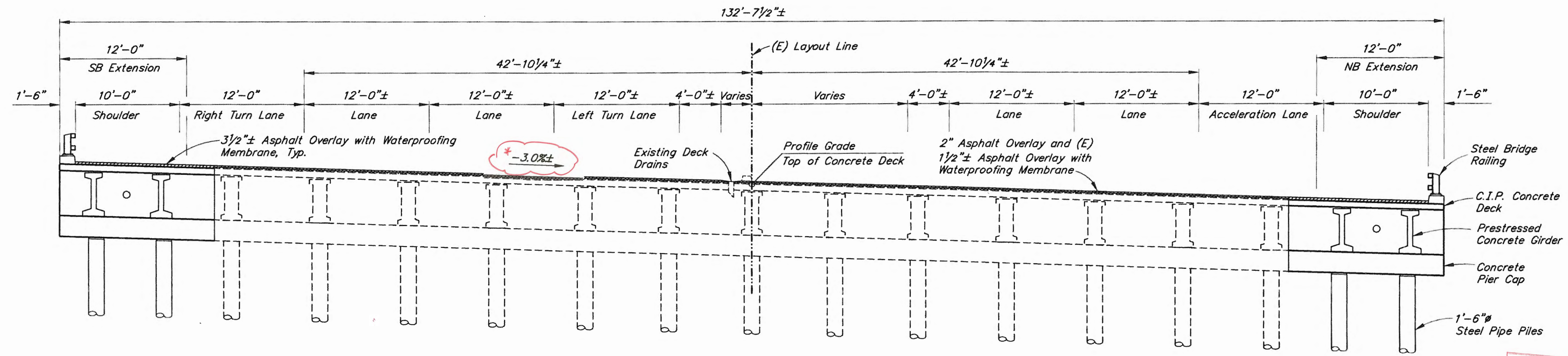


SOUTHBOUND LANE NORTHBOUND LANE

EXISTING TYPICAL SECTION



* VARIES LONGITUDINALLY AND TRANSVERSELY ACROSS DECK



SOUTHBOUND LANE NORTHBOUND LANE

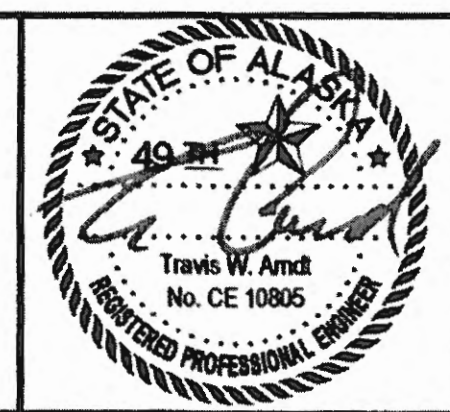
TYPICAL SECTION



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Miller* Date 2/18/20

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
TYPICAL SECTION

BRIDGE NO. 1188
DWG. NO. 2

10/2/15

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N3	

GENERAL NOTES

DESIGN:..... AASHTO LRFD Bridge Design Specifications, 2014 Edition, with latest interim specifications.

LIVE LOAD:..... HL-93 - Widened portion.

DEAD LOAD:..... Includes 50 psf for all wearing surfaces - Widened portion.

SEISMIC PARAMETERS:..... PGA = 0.16
 S_s = 0.37
 S_i = 0.20
 Site Class = D
 Liquefaction Potential = High
 AASHTO 7% probability of exceedance in 75 years.

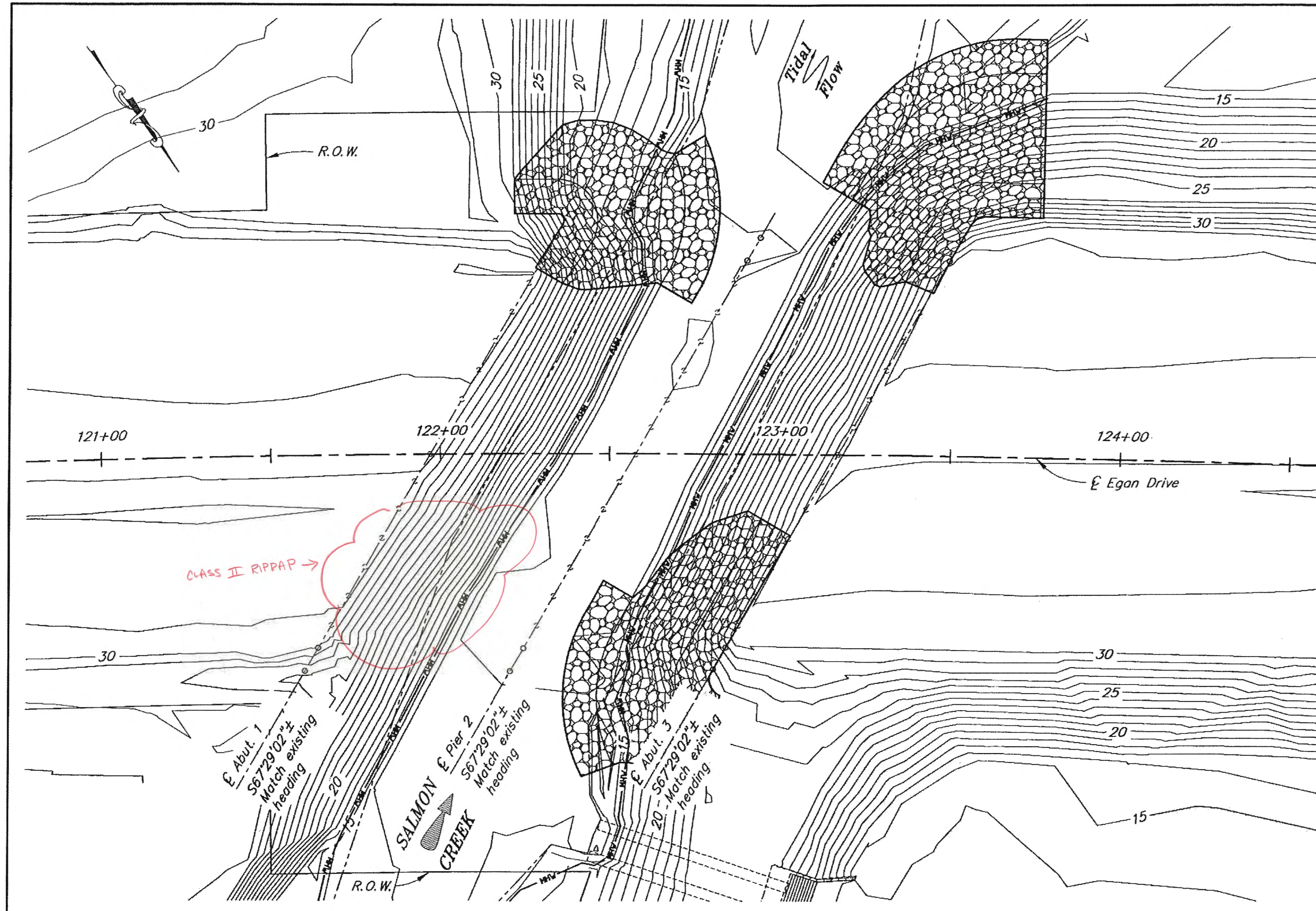
REINFORCEMENT:..... ASTM A706, Grade 60, F_y = 60,000 psi
 Space reinforcement evenly unless otherwise noted.

PRESTRESSED CONCRETE:..... See "GIRDERS" Dwg.

CONCRETE:..... Class A Concrete unless otherwise noted, f'c = 4000 psi.

STRUCTURAL STEEL:..... ASTM A709, Grade 36T3, F_y = 36,000 psi, unless otherwise noted.

STRUCTURAL STEEL PILING:..... Pipe Piles - API 5L X52 PSL2, F_y = 52,000 psi.
 Pile Tip reinforcing is required.

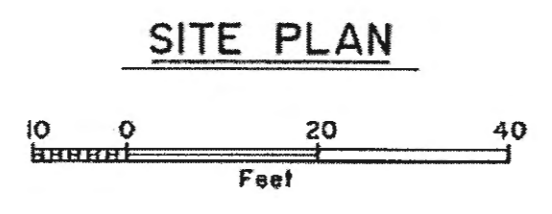


LOCATION	PILE TYPE	DRIVING CRITERIA			DESIGN DATA		
		MINIMUM PILE TIP ELEVATION (ft)	ESTIMATED PILE TIP ELEVATION (ft)	DRIVING RESISTANCE (k)	STRENGTH I FACTORED LOAD (k)	NOMINAL RESISTANCE (k)	RESISTANCE FACTOR, φ
Abutment 1	1'-6" x 3/8" Pipe	-37.0	-37.0	750	201	402	0.50
Pier 2	1'-6" x 3/8" Pipe	-37.0	-37.0	750	320	640	0.50
Abutment 3	1'-6" x 3/8" Pipe	-37.0	-37.0	750	201	402	0.50

Verify all controlling field dimensions before ordering or fabricating any material. "As-Built" drawings, fabrication shop drawings or other documentation for the existing bridges note significant changes from the original contract plans but do not necessarily show normal construction tolerances and variances. The As-Built documents are for informational use only and the Department neither warrants nor represents that these documents accurately depict the configuration of the existing bridges. Where dimensions of the proposed work in this Contract are dependent on the dimensions of the existing bridge, adjust dimensions of the work to fit existing conditions.

ABBREVIATIONS:

- ℄ = centerline
- ℄ = plate
- & = and
- @ = at
- ∅ = diameter
- ± = plus or minus
- Abut. = abutment
- A.R.R. = Alaska Railroad
- Approx. = approximate
- b.f. = back/dirt face
- bot. = bottom
- Br. = bridge
- btwn. = between
- Brg. = Bearings
- C.I.P. = cast in place
- Clr. = clear, clearance
- CY = cubic yard
- dia. = diameter
- Dwg. = drawing
- D.H.W. = design high water
- E = expansion
- (E) = existing
- EA = each
- Elev. = elevation
- e.f. = each face
- e.w. = each way
- F = fixed
- f.a. = front/air face
- Hwy. = highway
- H.T.L. = high tide line
- ksf = 1000 pounds per square foot
- LB = pound
- LF = linear foot
- LS = lump sum
- Lt. = left
- max. = maximum
- min. = minimum
- M.H.W. = mean high water
- NB = northbound
- n.f. = near face
- No. = number
- o.c. = on center
- PVC = point of vertical curve
- PVI = point of vertical intersection
- PVT = point of vertical tangent
- RMC = round metal conduit
- R.O.W. = right of way
- Rt. = right
- Rd. = road
- SB = southbound
- S.I.P. = stay in place
- spc. = space, spaces
- Sta. = station
- SF = square feet
- Symm. = symmetric
- Typ. = typical



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *St. Smith* Date: 2/18/20

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>	
DRAWN BY: <i>Sam Solie</i>	CHECKED: <i>Travis Arndt</i>	FOUNDATIONS REVIEWED BY: <i>Dave Hemstreet</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>	

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

SALMON CREEK BRIDGE WIDENING
 EGAN DRIVE
 SITE PLAN

BRIDGE NO. 1188
 DWG. NO. 3

8/15

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES														Sheet of			
PILE DRIVING RECORD														FORMULA USED TO DETERMINE BEARING			
INSTR. - A SKETCH SHOWING THE LOCATION OF THE PILES BY NUMBER SHALL BE DRAWN ON THE BACK OF THIS FORM OR ON AN ATTACHED SHEET														P =			
STRUCTURE NAME				CONTRACTOR				PROJECT NAME				BRIDGE NUMBER					
Salmon Creek Bridge				SECON/Tucano				Salmon Creek Intersection Safety Impr.				1188					
PROJECT NO				DISTRICT				TYPE OF BRIDGE									
67595				Southcoast				Precast concrete I-beams with CIP deck									
TYPE OF HAMMER			MANUFACTURER			WT OF RAM OR GRAVITY HAMMER			STROKE LENGTH MAX			NO. BLOWS PER MIN			MFG'S MAX. ENERGY RATING		
Single action diesel (I-36)			I.C.E.			7,940 lb			13.07'			35			103,740 ft-lb		
DATE	ABUTMENT OR PIER NO	PILE NO	TYPE OF PILE (specify tip & butt. diameter of timber & concrete pile in inches)	LENGTH PLACED IN LEADS INCLUDING EXTENSIONS (FT)	CUTOFF LENGTH (FT)	NET LENGTH CUTOFF TO TIP (FT)	PENETRATION IN GROUND (FT)	PILE CUTOFF ELEV	OBSERVED GROUND ELEV	PILE TIP ELEV	DROP OF HAMMER (INCHES)	AVG PENETRATION LAST 4 BLOWS	COMPUTED BEARING (TONS)	REMARKS SPECIFY BATTER IF ANY. HOW DID PILE DRIVE. SPECIFY SPLICES, CORE STOPPERS, EXTENSION LENGTHS USED			
6/2	A1	1	Spiral weld	66.33	5.54	60.79	60.79	26.41	26.41	-34.38	84.48	0.024'	See chart				
6/2	A1	2	Spiral weld	66.33	2.74	63.59	63.59	26.63	26.63	-36.96	86.04	0.014'	See chart				
5/24	P2	3	Spiral weld	65.75	1.08	64.67	47.75	26.41	9.49	-38.26	108.84	0.013'	See chart				
5/24	P2	4	Spiral weld	94.96	27.07	67.89	50.29	26.63	9.03	-41.26	94.2	0.008'	See chart	Spliced at 65'.			
5/26	A3	5	Spiral weld	66.17	2.04	64.13	64.13	26.41	26.41	-37.72	112.68	0.006'	See chart				
5/26	A3	6	Spiral weld	66.17	2.24	63.93	63.93	26.63	26.63	-37.30	86.4	0.031'	See chart				
6/10	A1	7	Spiral weld	61.25	3.50	57.75	57.75	22.85	22.85	-34.96	82.80	0.032'	See chart				
6/10	A1	8	Spiral weld	61.17	1.27	59.90	59.9	22.63	22.63	-37.27	82.92	0.008'	See chart				
6/7	P2	9	Spiral weld	61.25	2.21	59.04	48.34	22.85	12.15	-36.19	98.16	0.016'	See chart				
6/7	P2	10	Spiral weld	68.08	4.79	63.29	52.92	22.63	12.26	-40.66	93.72	0.013'	See chart	Spliced at 57'1.5".			
6/24	A3	11	Spiral weld	70.42	8.32	62.10	62.10	22.85	22.85	-39.25	85.8	0.022'	See chart	Spliced at 60'4.5".			
6/24	A3	12	Spiral weld	71.42	9.98	61.44	61.44	22.63	22.63	-38.81	86.64	0.032'	See chart	Spliced at 60'5".			

PREPARED BY NAME Mary McRae	DATE 8/21/10	CHECKED BY NAME Shawn Smith	DATE 2/18/17	TOTAL LENGTH FURNISHED 748.52 LF
--------------------------------	-----------------	--------------------------------	-----------------	-------------------------------------

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N4	

RIPRAP TABLE			
POINT	STATION	OFFSET	ELEVATION
①	122+22.0	80.0' LT	29.0'
②	122+35.1	80.0' LT	29.0'
③	122+45.3	74.7' LT	28.5'
④	122+47.8	66.5' LT	28.0'
⑤	122+37.4	49.1' LT	28.0'
⑥	122+36.0	95.9' LT	21.0'
⑦	122+50.8	96.4' LT	18.0'
⑧	122+60.9	91.4' LT	16.0'
⑨	122+70.0	88.2' LT	12.0'
⑩	122+73.2	74.0' LT	12.0'
⑪	122+72.0	61.3' LT	12.0'
⑫	122+66.2	48.3' LT	12.0'
⑬	123+18.7	75.4' LT	12.0'
⑭	123+30.1	95.9' LT	12.0'
⑮	123+42.0	110.6' LT	12.0'
⑯	123+57.6	118.9' LT	12.0'
⑰	123+75.7	120.7' LT	12.0'
⑱	123+75.7	80.7' LT	28.0'
⑲	123+61.8	80.9' LT	28.0'
⑳	123+48.7	76.6' LT	28.0'
㉑	123+39.4	63.6' LT	28.0'
㉒	123+33.5	50.2' LT	28.0'
㉓	122+71.5	59.7' RT	24.0'
㉔	122+69.0	66.2' RT	24.0'
㉕	122+68.7	72.1' RT	24.0'
㉖	122+70.5	78.6' RT	24.0'
㉗	122+47.5	87.3' RT	12.0'
㉘	122+44.6	75.2' RT	12.0'
㉙	122+45.6	60.0' RT	12.0'
㉚	122+50.6	48.3' RT	12.0'

HYDRAULIC & HYDROLOGIC SUMMARY, BRIDGE NO. 1188

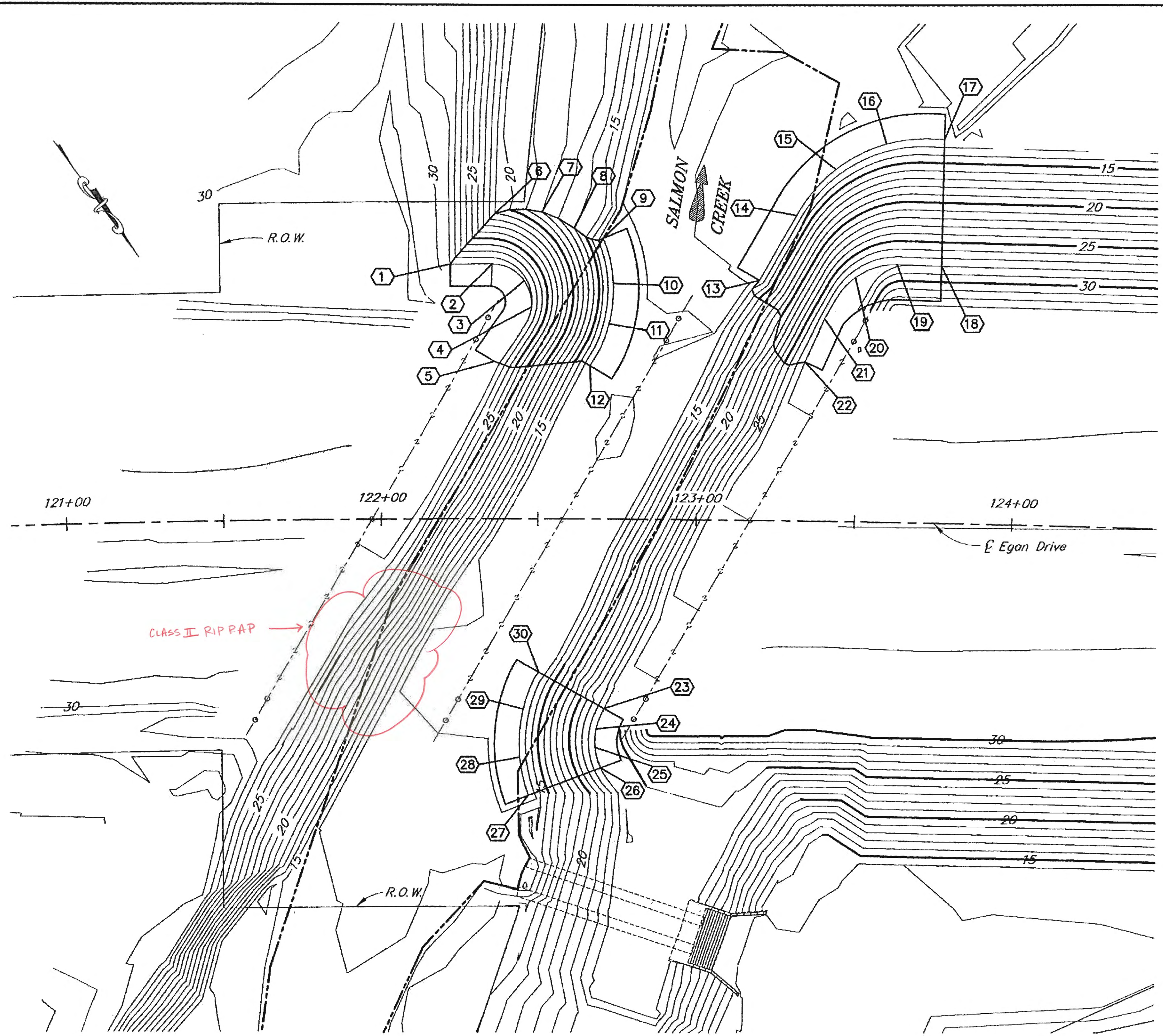
Flood Frequency (Yr.)	100	500
Exceedance Probability (%)	1	0.2
Discharge (cfs)*	2,430	2,970
Water Surface Elevation (ft)*	23'	23'
Anticipated Add'l Backwater (ft)	0	0
Contraction Scour (ft)	0	0
Pier Scour (ft)	4.5	4.5
Abutment Scour (ft)	n.c.	
Long-Term Degradation (ft)	4	

* Discharge values and coastal flood elevations taken from the City & Borough of Juneau's 2013 Flood Insurance Study (FEMA).
The riprap and dike provisions counter abutment scour potential for the flows shown.
Drainage Area: 11 square miles

RIPRAP NOTES:

- Elevations are based upon the project survey data, not the vertical control represented in the 1973 and subsequent as-built drawings. Reference the survey documents for basis of control for more information.
- Top width of the riprap will vary by slope. Layout points can be used for this determination.

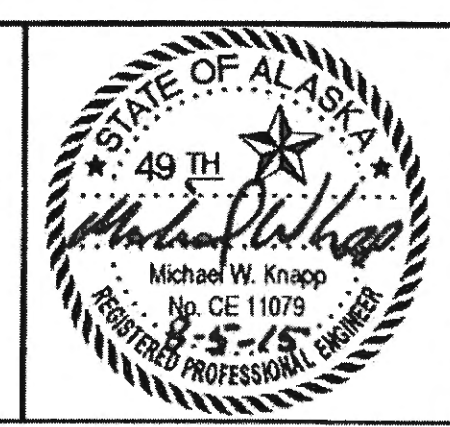
Record Drawings have been reviewed by the Project Engineer, and represent the best of my knowledge, the project as constructed.
PE *St. Smith* Date 2/18/20



RIPRAP LAYOUT
0 20 40
Feet

DESIGNED BY: Michael Knapp	CHECKED:
DRAWN BY: Sam Sallie Jr.	CHECKED: Michael Knapp
QUANTITIES BY: Michael Knapp	CHECKED:

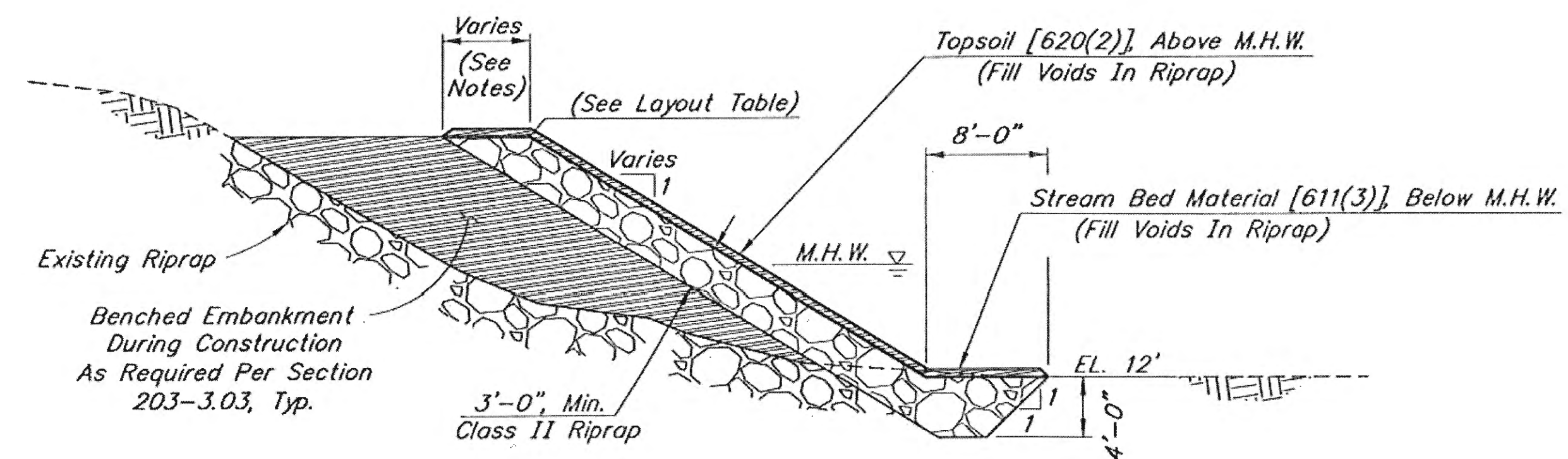
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



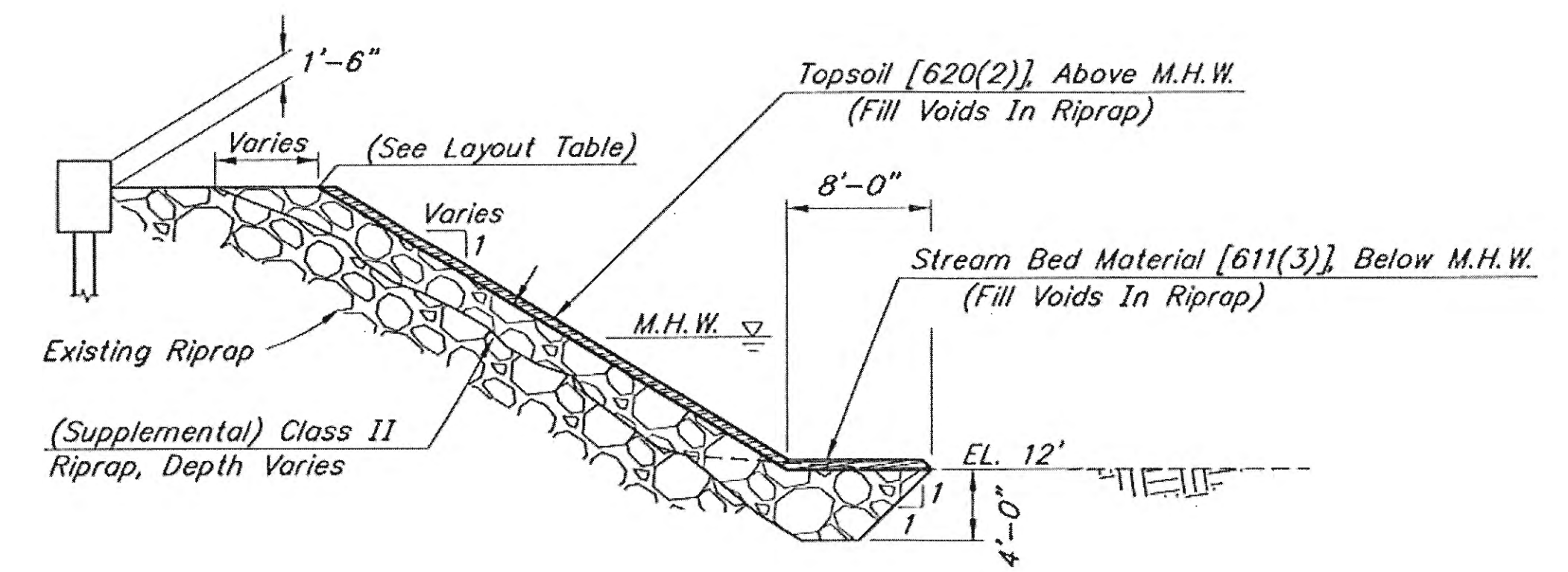
SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
RIPRAP LAYOUT

BRIDGE NO. 1188
DWG. NO. 4

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N5	



RIPRAP SECTION BEYOND BRIDGE



RIPRAP SECTION UNDER BRIDGE

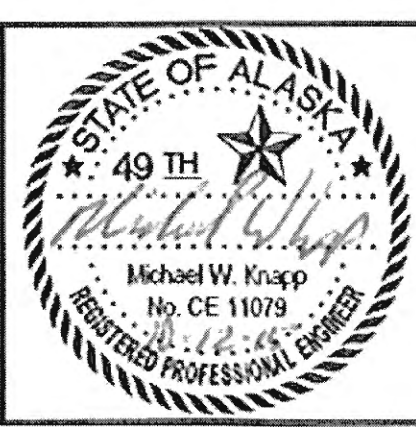
(Where shown on Riprap Layout)



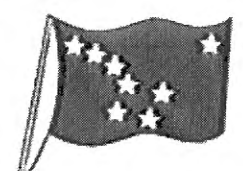
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 2/18/20

DESIGNED BY: <i>Michael Knapp</i>	CHECKED:
DRAWN BY: <i>Sam Sallie Jr.</i>	CHECKED: <i>Michael Knapp</i>
QUANTITIES BY: <i>Michael Knapp</i>	CHECKED:

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

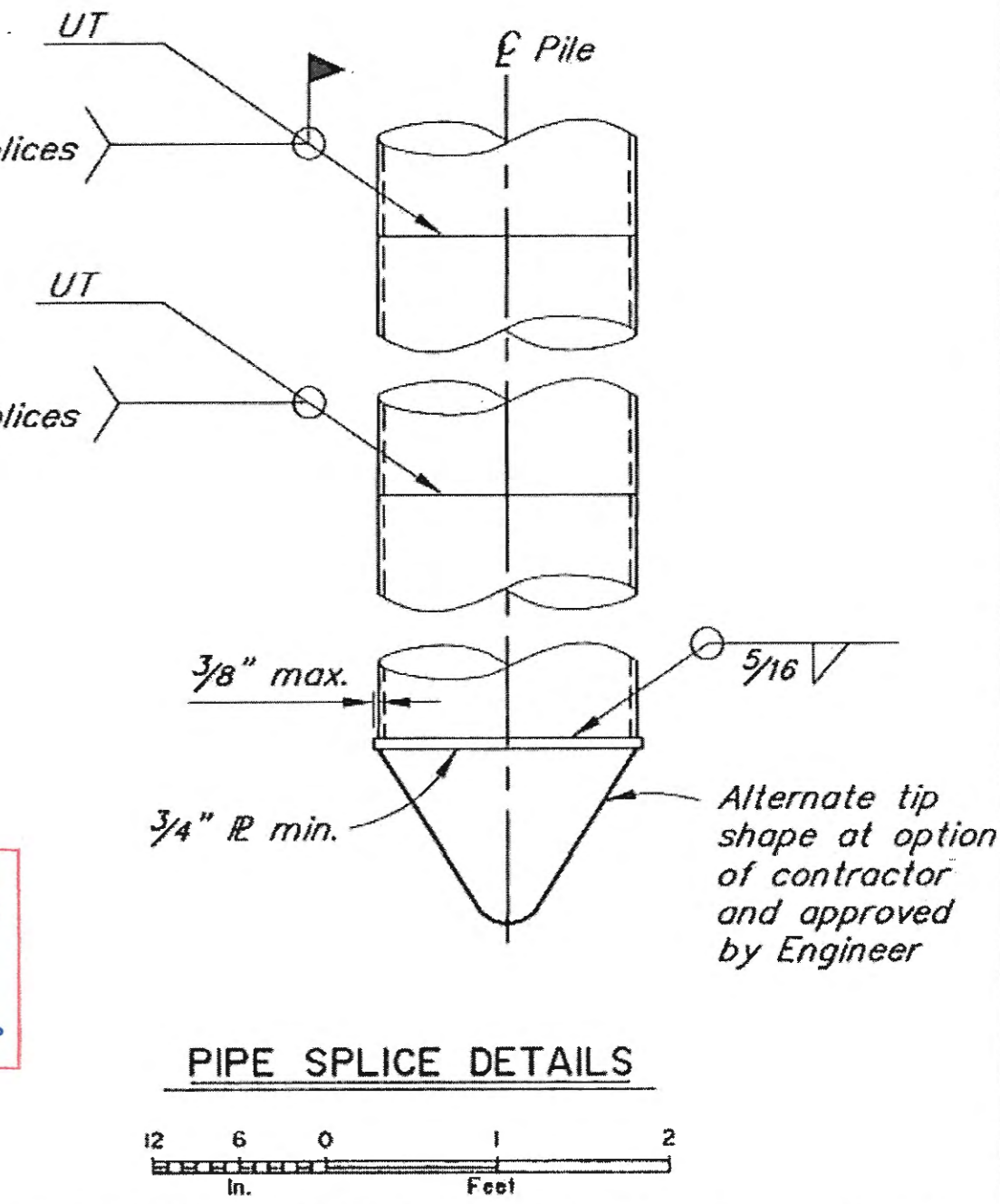
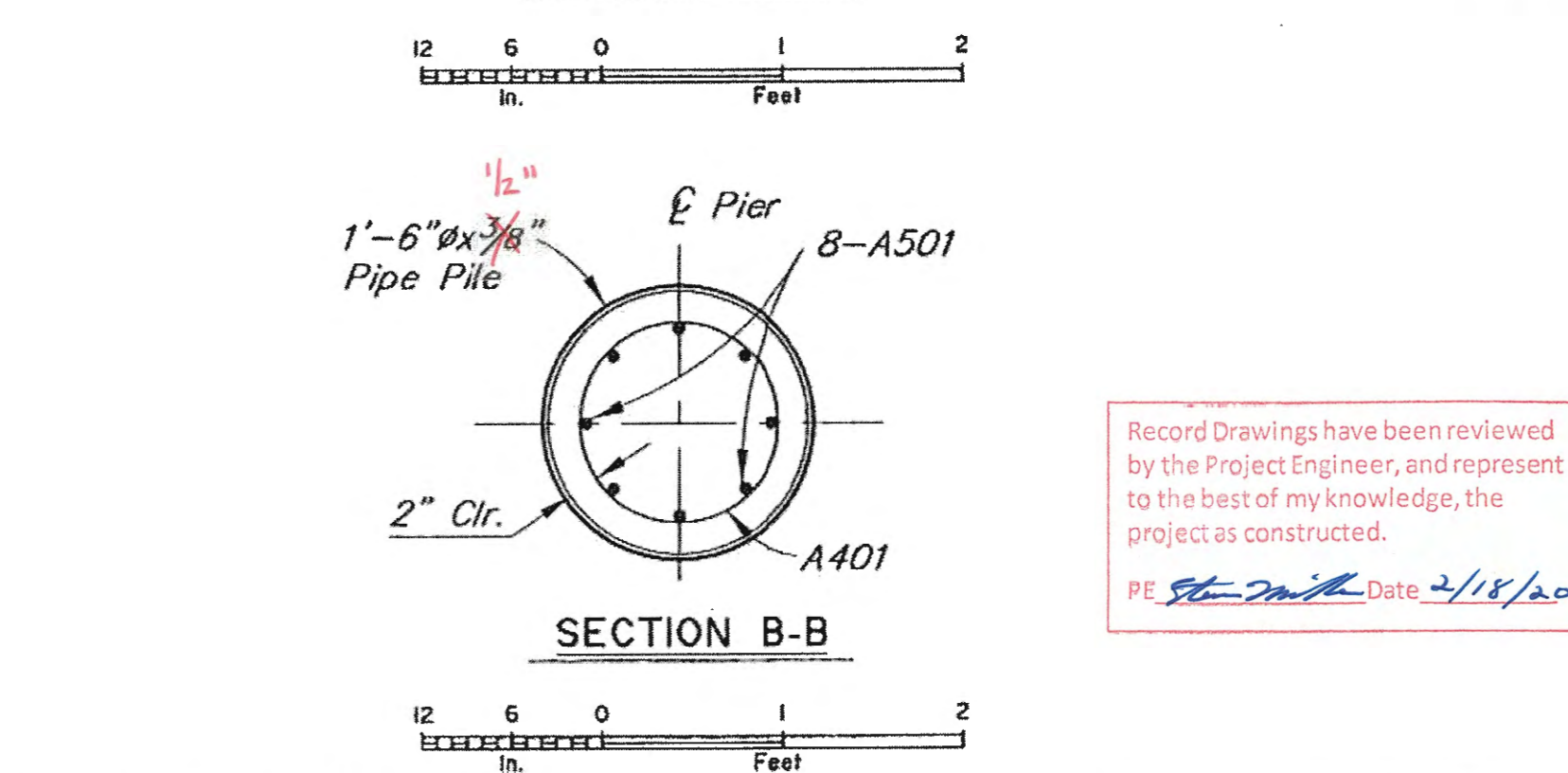
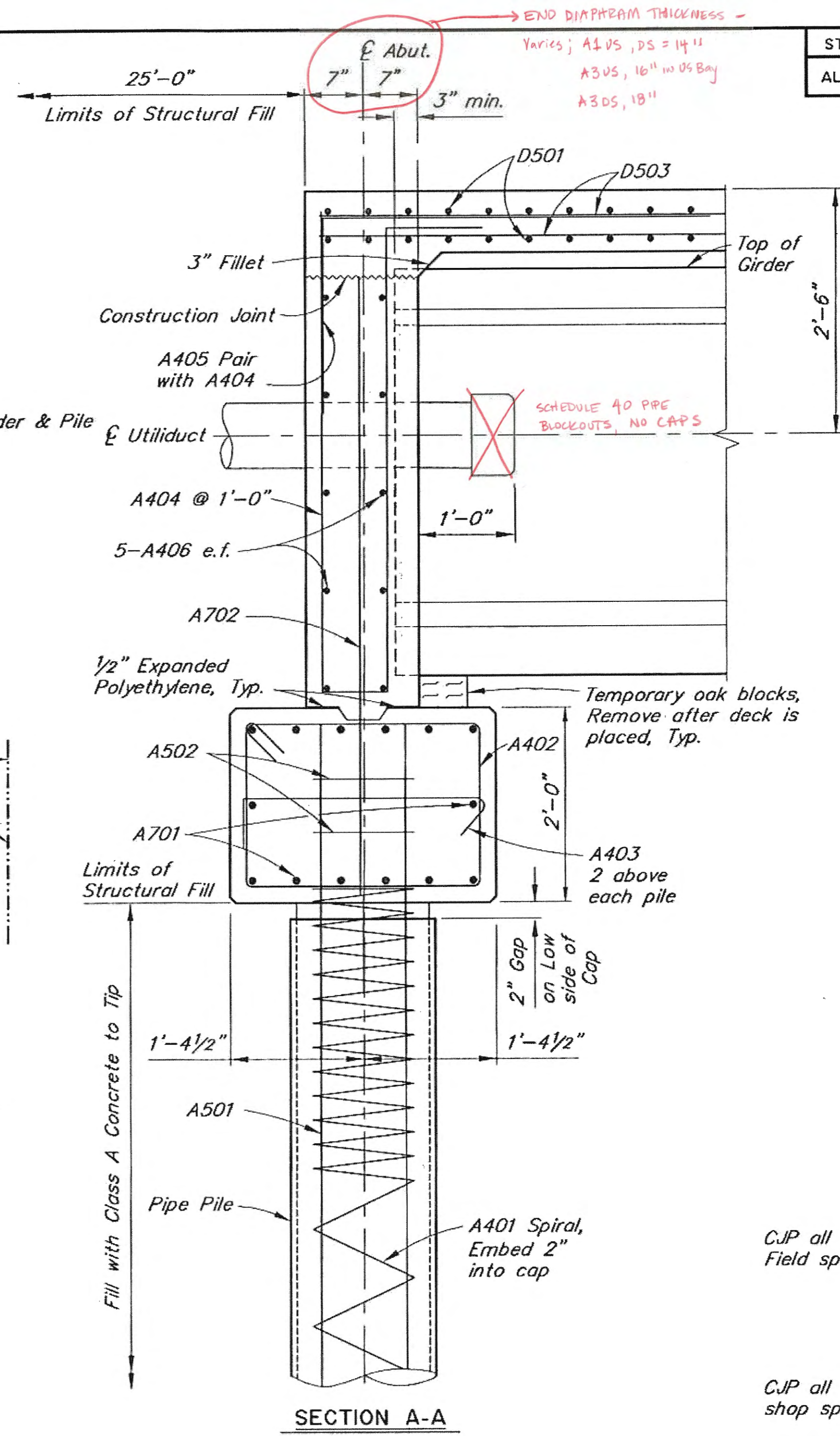
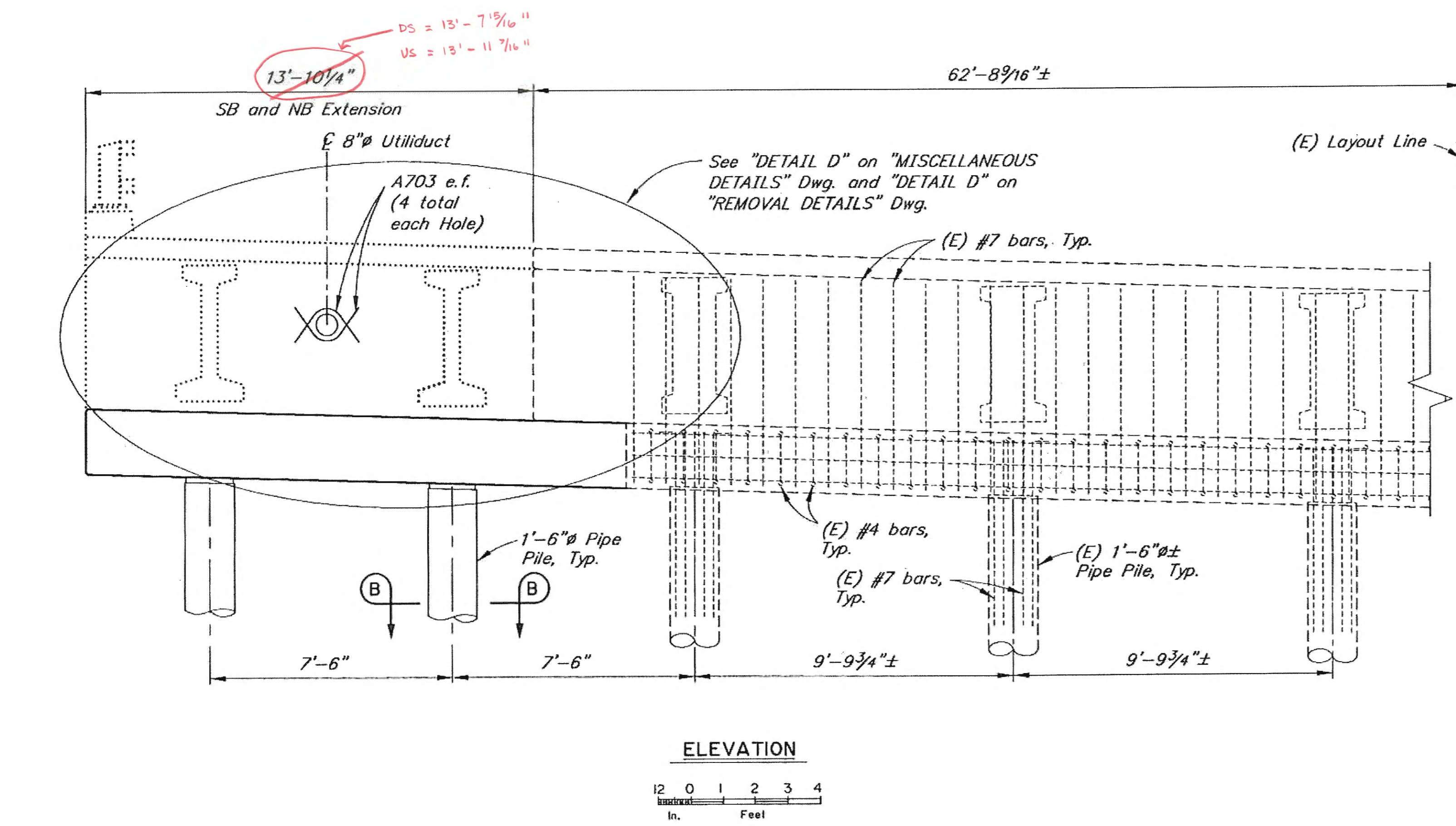
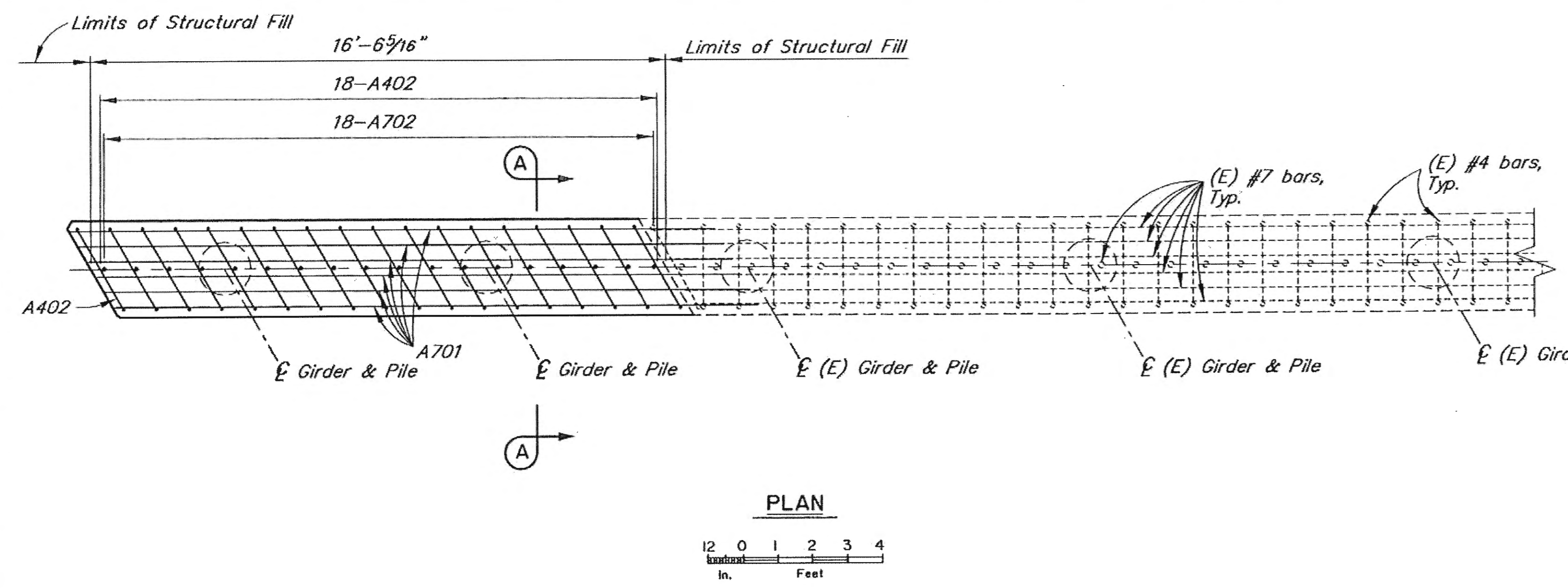
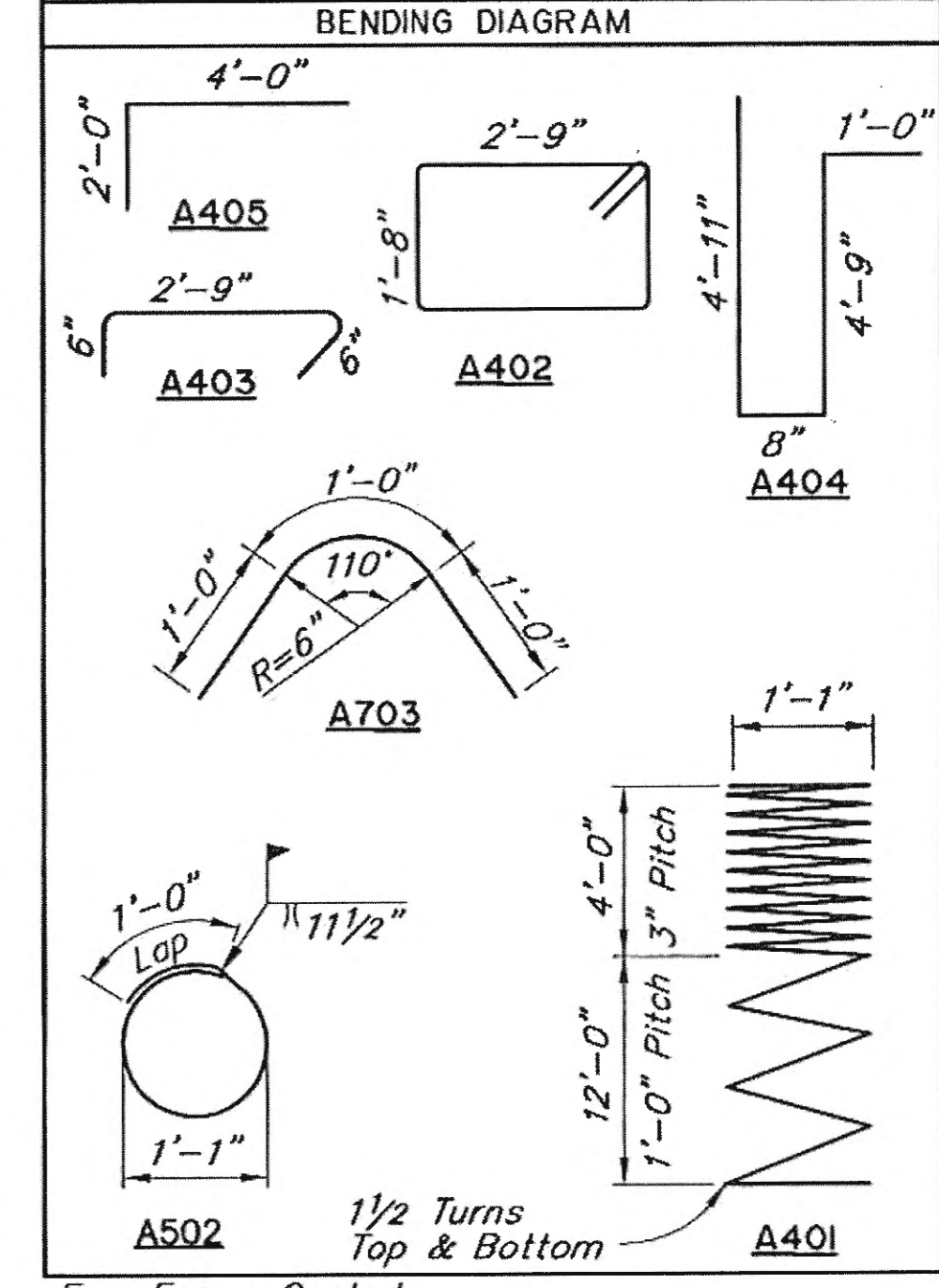


SALMON CREEK BRIDGE WIDENING
 EGAN DRIVE
 RIPRAP SECTIONS


 BRIDGE NO. 1188
 DWG. NO. 5

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N6	

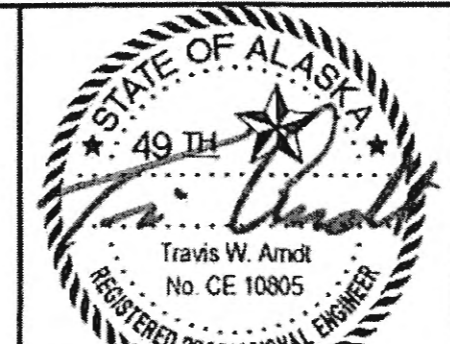
REINFORCING STEEL-ONE ABUT.					
MARK	NOTE	SIZE	NO.	LENGTH	TYPE
A401		4	4	107'-4"	SPIRAL
A402		4	36	9'-7"	STIRRUP
A403		4	8	3'-9"	TIE
A404	E	4	36	11'-4"	STIRRUP
A405	E	4	36	6'-0"	BENT
A406	E	4	20	17'-2"	---
A501		5	32	20'-0"	---
A502		5	8	4'-5"	HOOP
A701		7	28	17'-8"	---
A702	E	7	36	6'-8"	---
A703	E	7	8	3'-0"	BENT



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE, *St. Smith* Date 2/18/20

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie Jr</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
ABUTMENTS

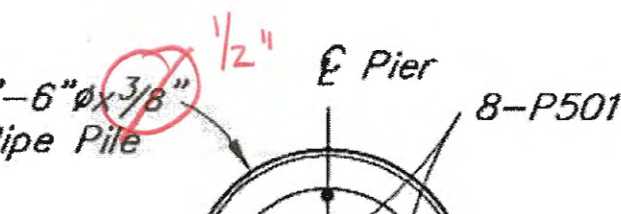
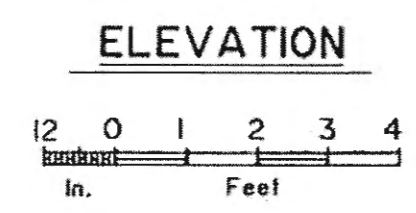
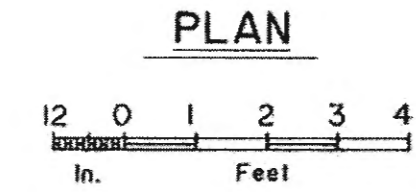
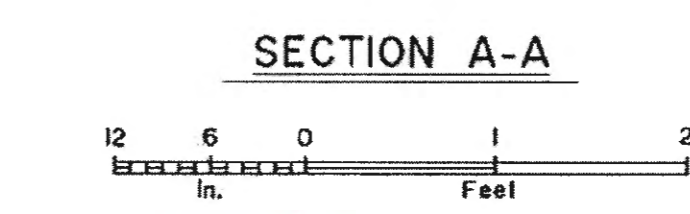
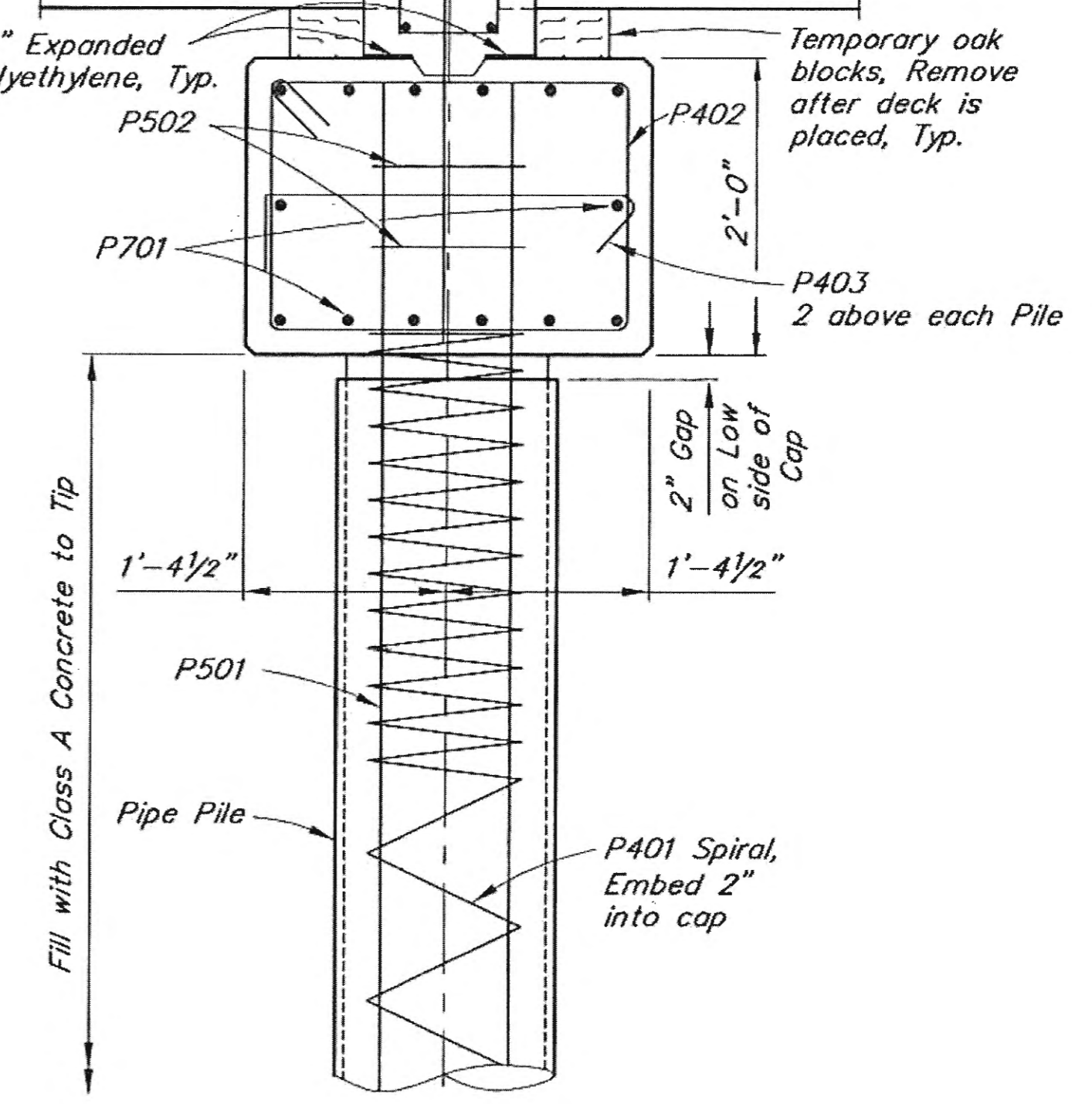
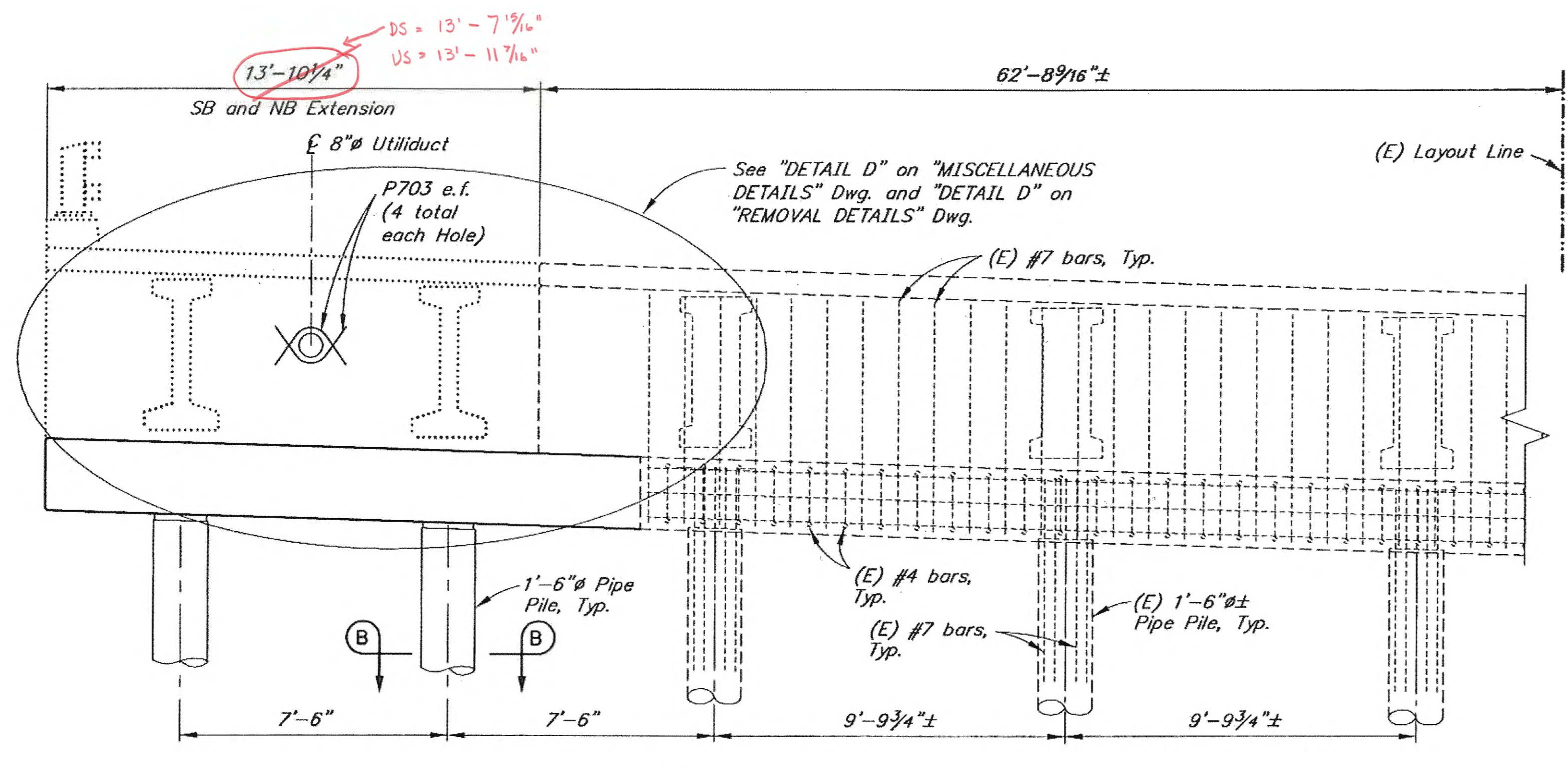
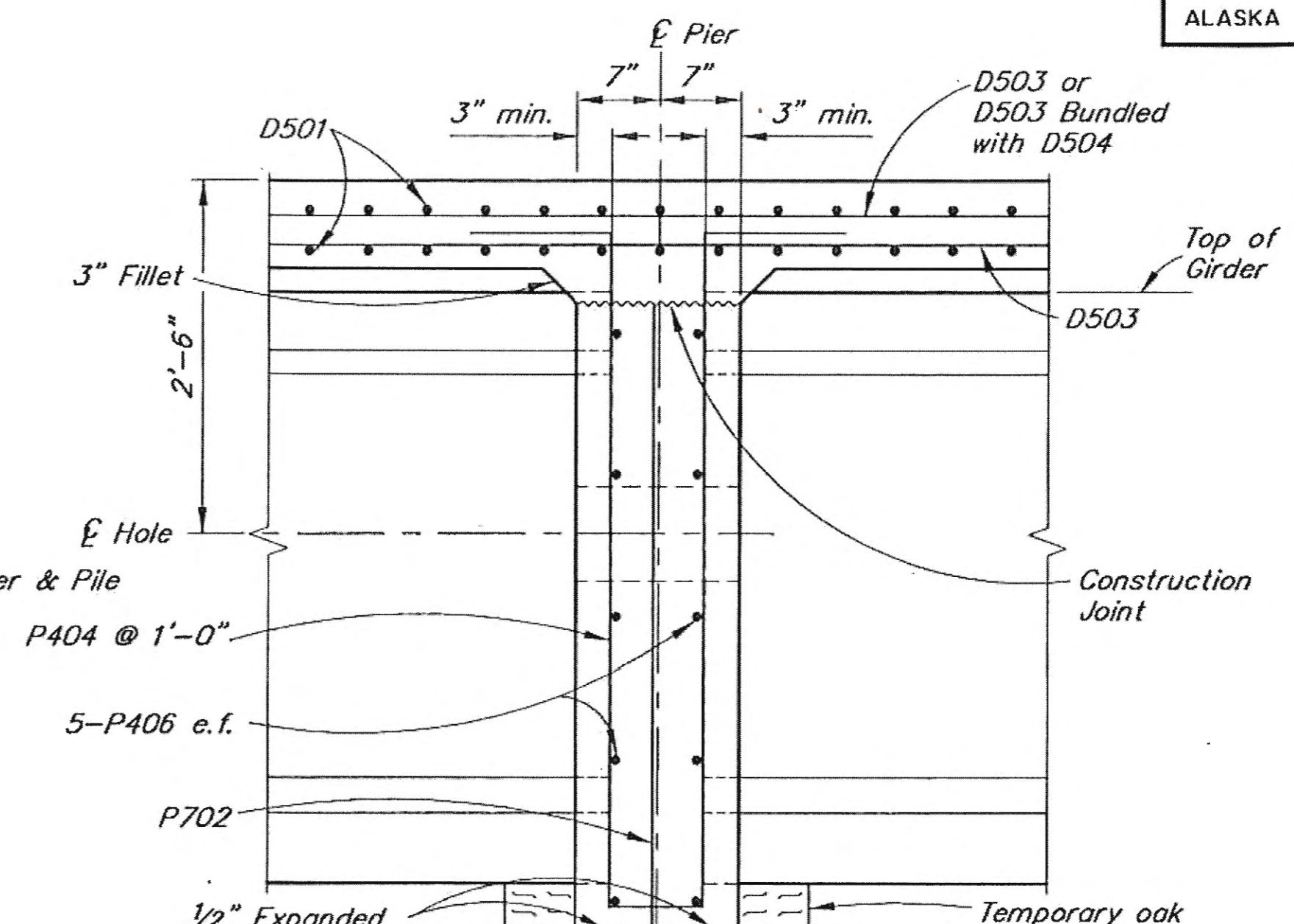
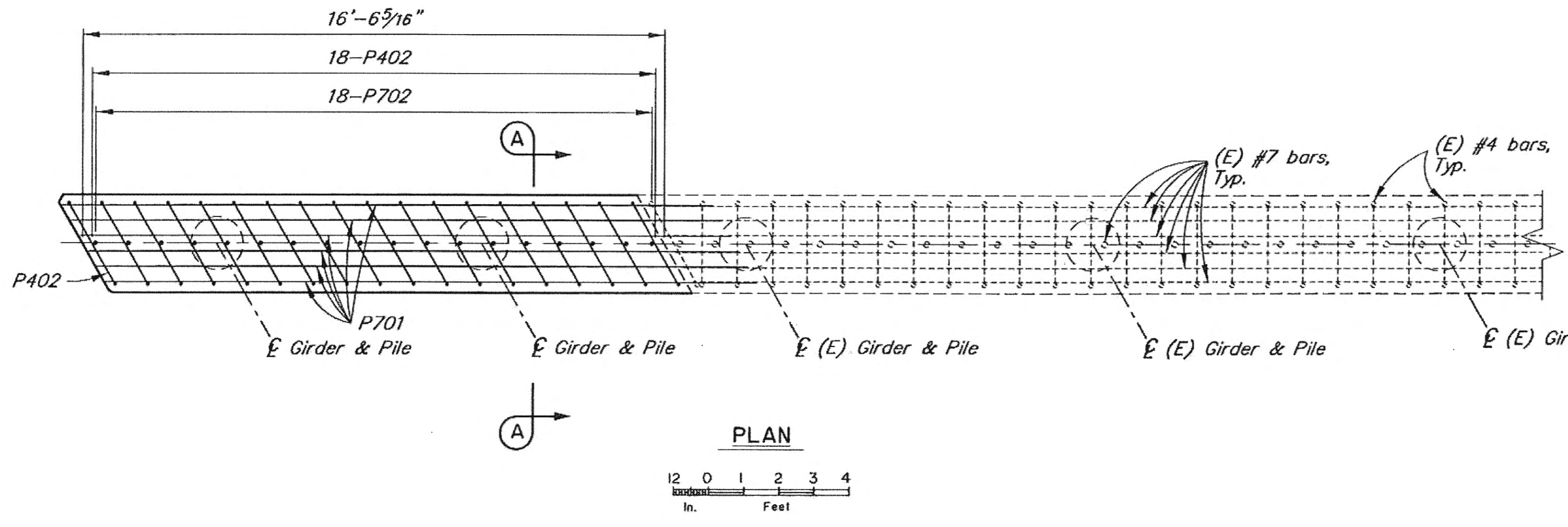
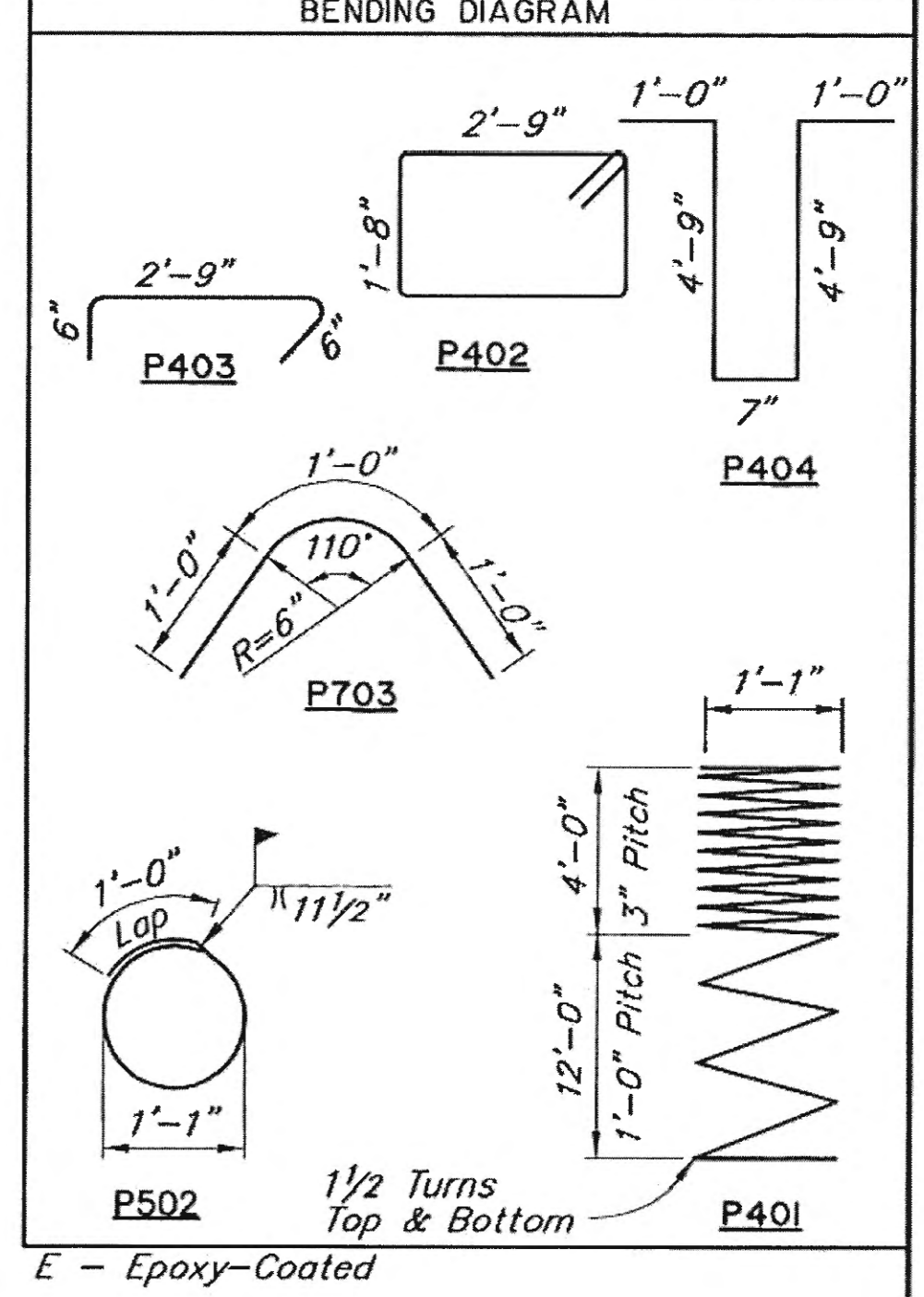
BRIDGE NO. 1188
DWG. NO. 6

81315

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N7	

REINFORCING STEEL - PIER 2

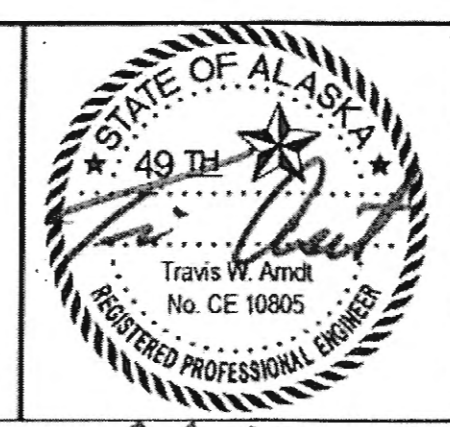
MARK	NOTE	SIZE	NO.	LENGTH	TYPE
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P402		4	36	9'-7"	STIRRUP
P403		4	8	3'-9"	TIE
P404	E	4	36	12'-1"	STIRRUP
P406	E	4	20	17'-2"	---
P501		5	32	20'-0"	---
P502		5	8	4'-5"	HOOP
P701		7	28	17'-8"	---
P702	E	7	36	6'-8"	---
P703	E	7	8	3'-0"	BENT



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 2/18/20

DESIGNED BY: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>
DRAWN BY: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>
QUANTITIES BY: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

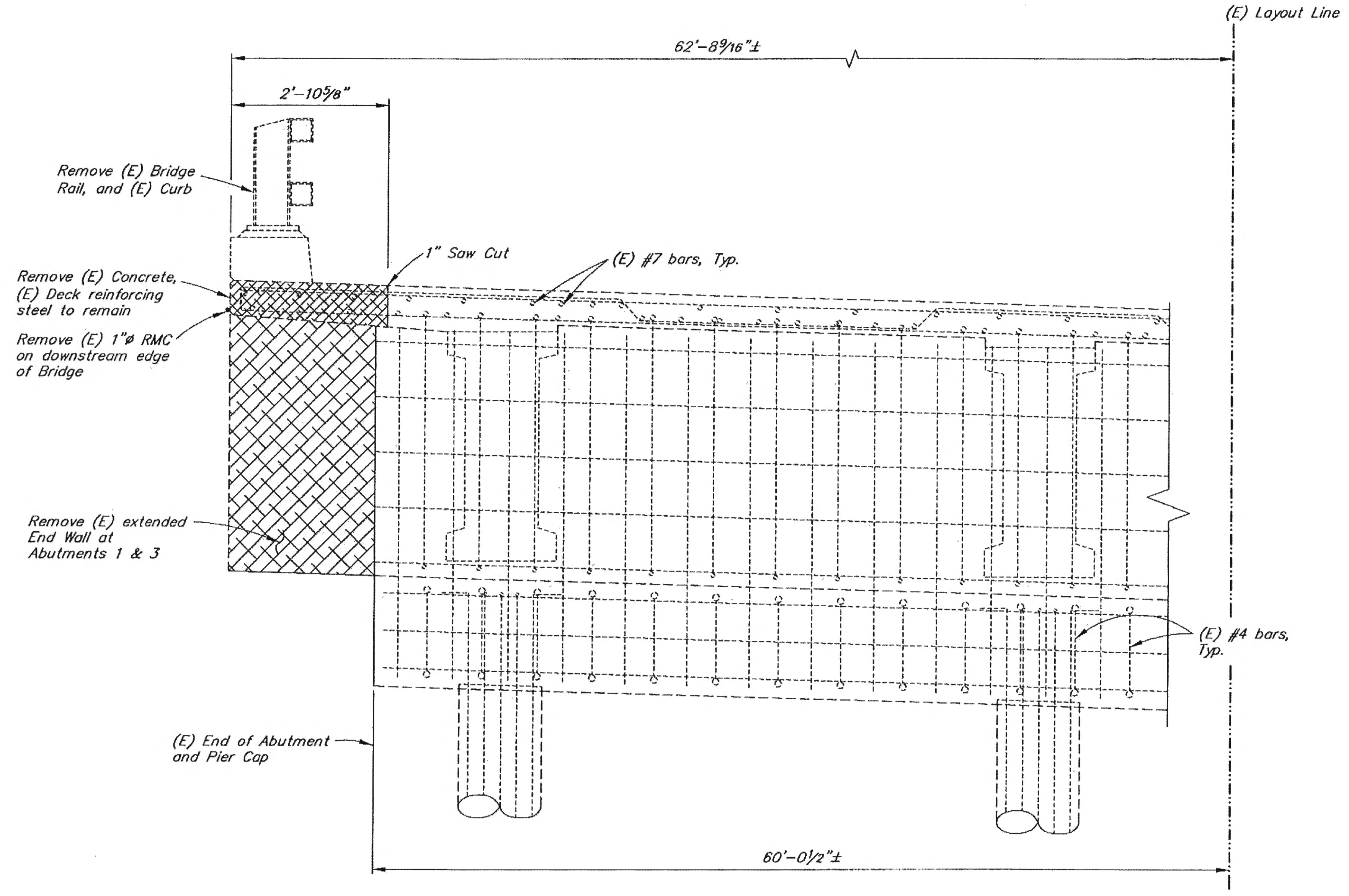


SALMON CREEK BRIDGE WIDENING
 EGAN DRIVE
PIER 2

BRIDGE NO. 1188
 DWG. NO. 7

8/3/15

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N8	



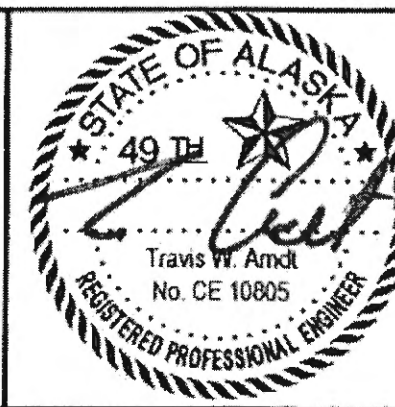
DETAIL D
(Along Skew)



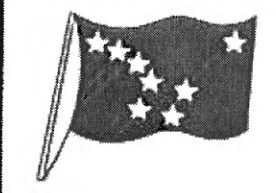
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date 2/18/20

DESIGNED BY: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>
DRAWN BY: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>
QUANTITIES BY: <i>[Signature]</i>	CHECKED: <i>[Signature]</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
REMOVAL DETAILS

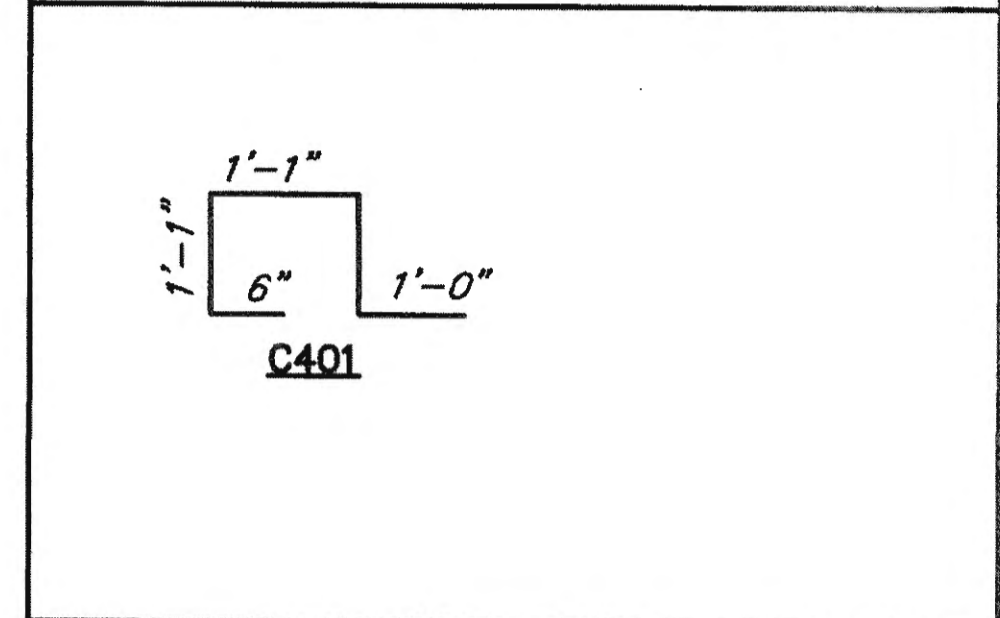


BRIDGE NO. 1188
DWG. NO. 8

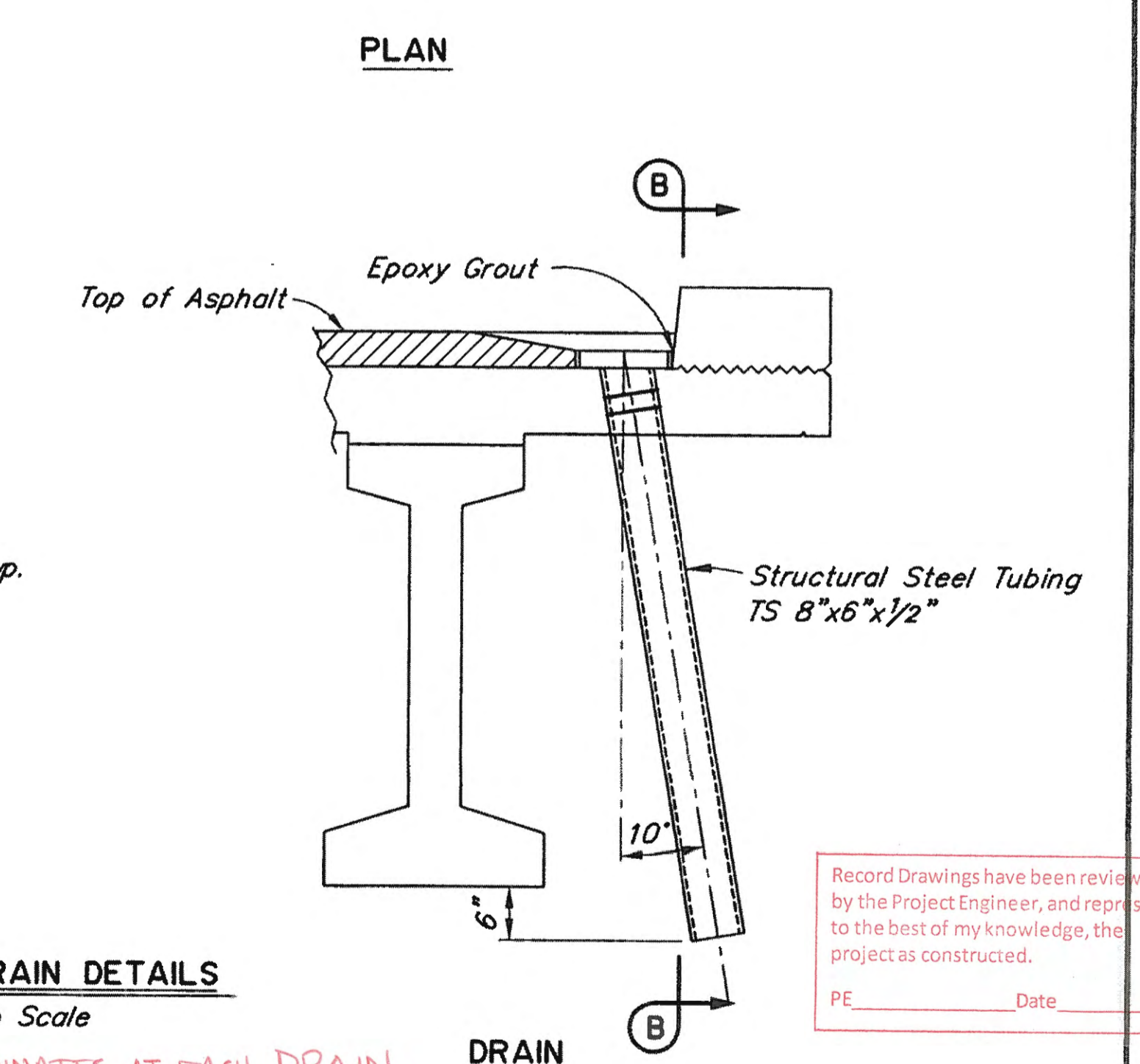
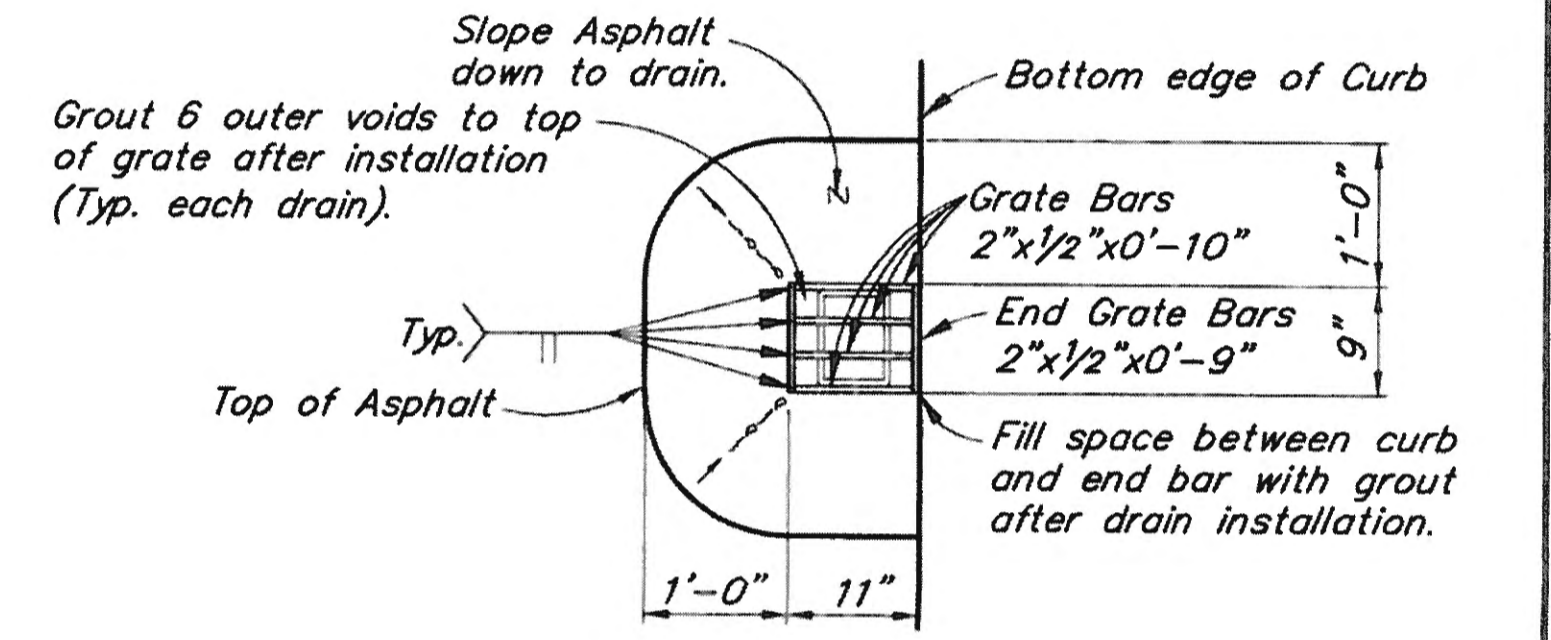
8/3/15

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N9	

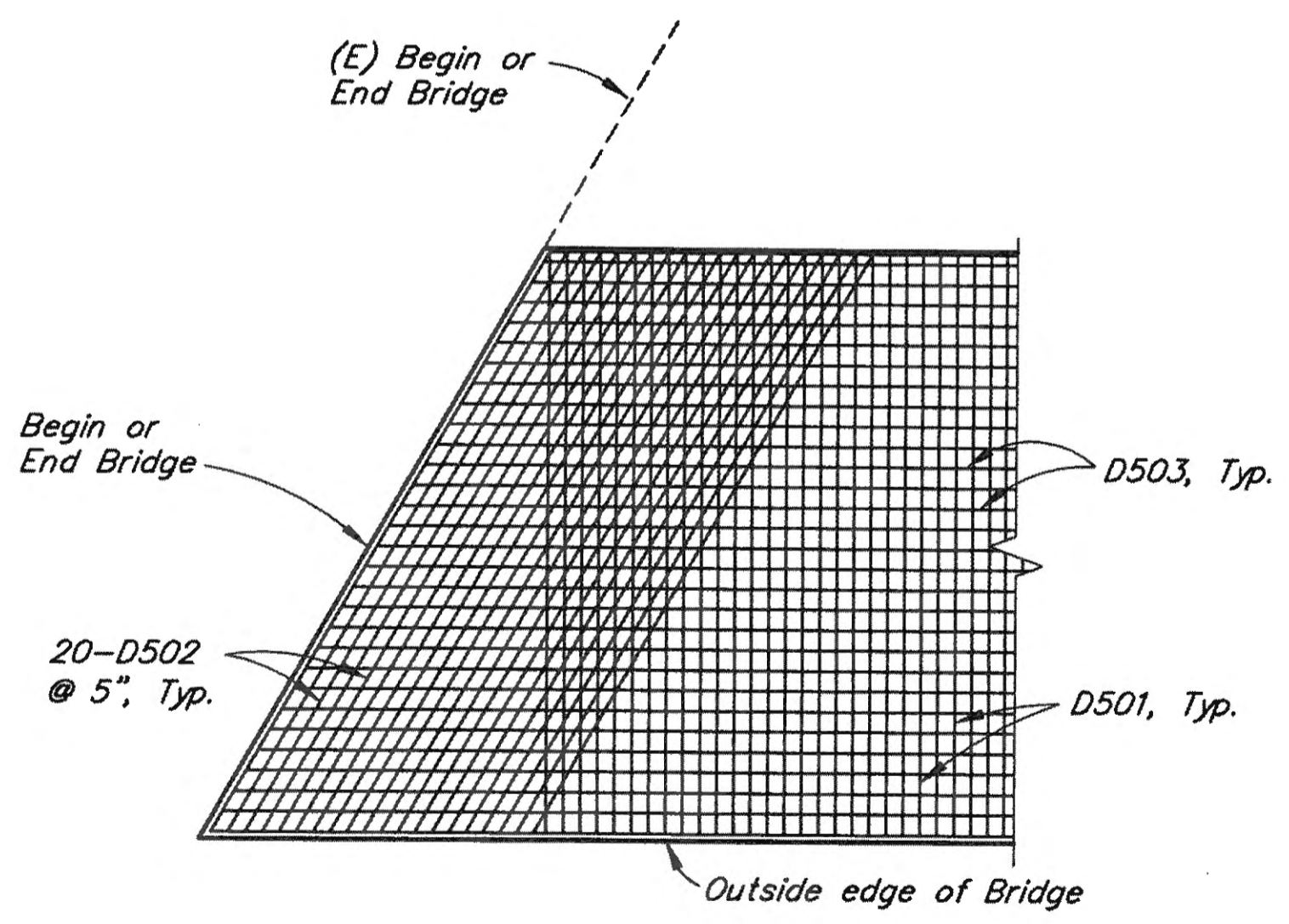
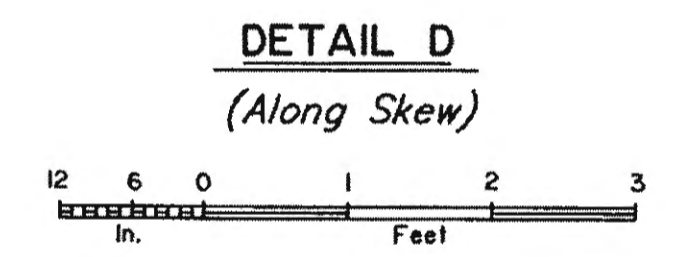
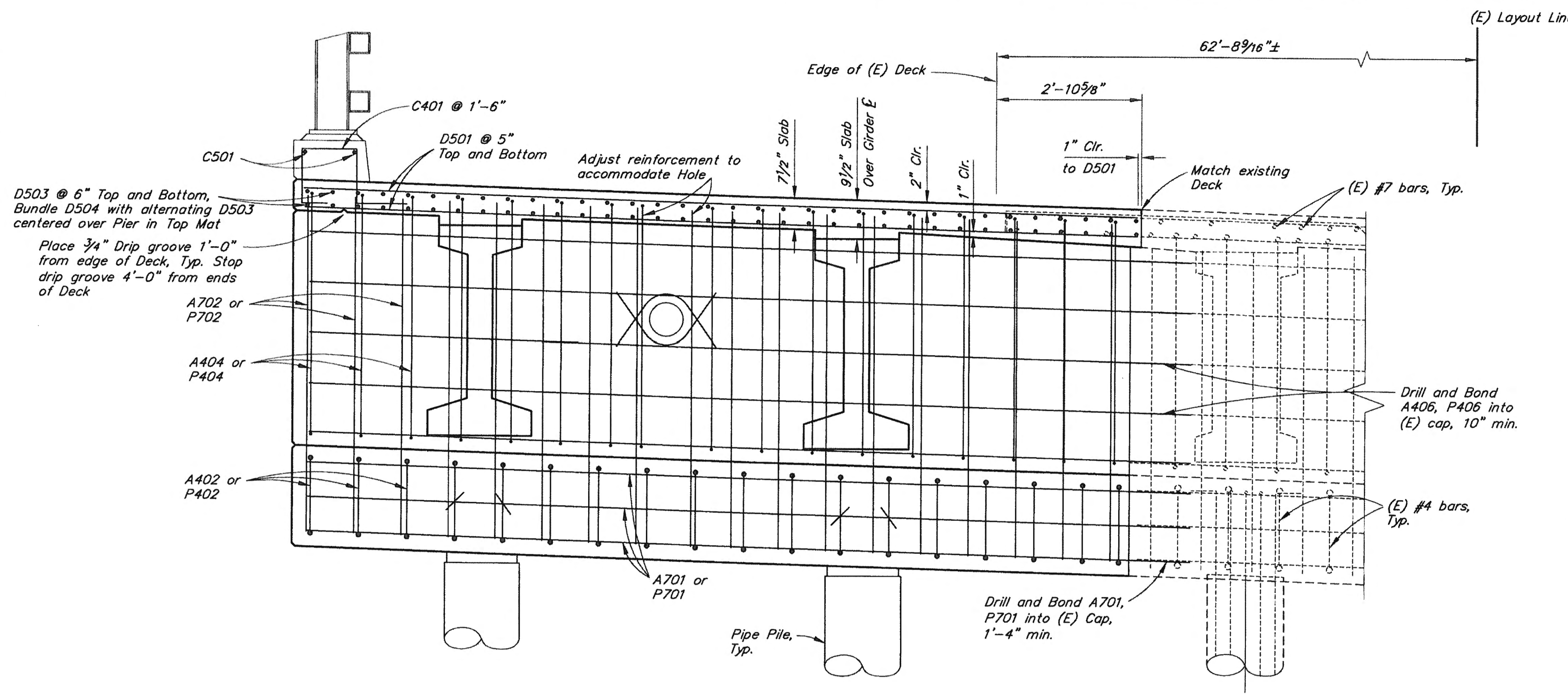
REINFORCING STEEL - DECK					
MARK	NOTE	SIZE	NO.	LENGTH	TYPE
C401	E	4	164	4'-9"	BENT
C501	E,S	5	4	121'-0"	----
D501	E	5	1096	14'-3"	----
D502	E	5	80	16'-5 1/2"	----
D503	E,S	5	120	121'-0"	----
D504	E	5	30	20'-0"	----



E - Epoxy-Coated
S - Length does not include splices



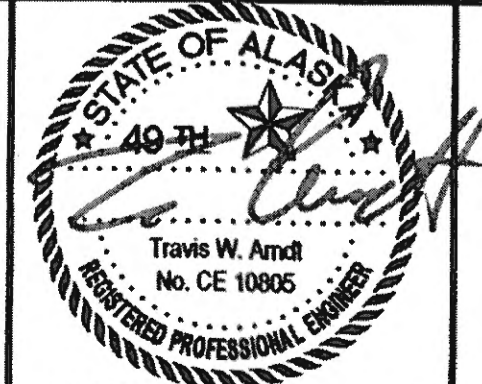
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date _____



DECK DRAIN DETAILS
No Scale
NOTE: REBAR TERMINATES AT EACH DRAIN.

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie Jr.</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
MISCELLANEOUS DETAILS

BRIDGE NO. 1188
DWG. NO. 9

10/21/15

Submittal 135a

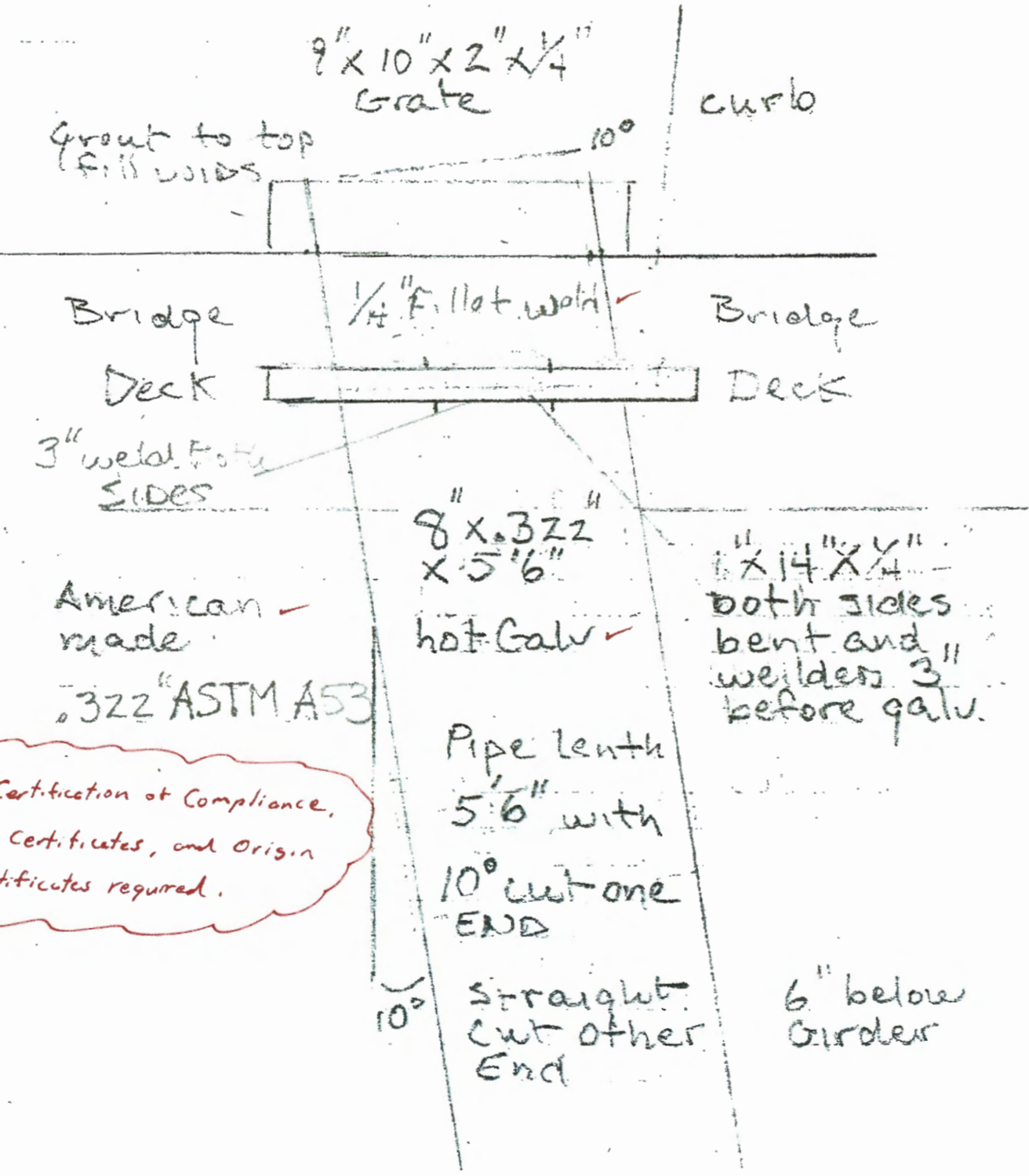
Drawn Pipe detail

RECEIVED
8-15-16

APPROVED

As-Noted
Project Engineer

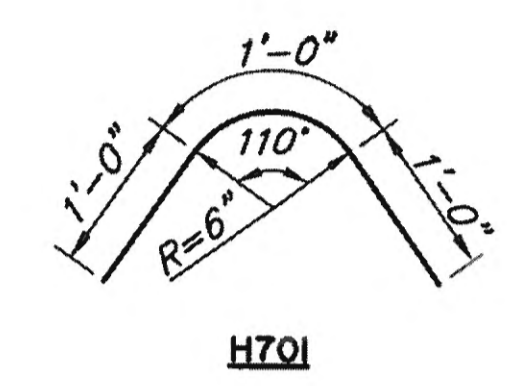
slot and weld 2" bars to pipe
for grate and metalize



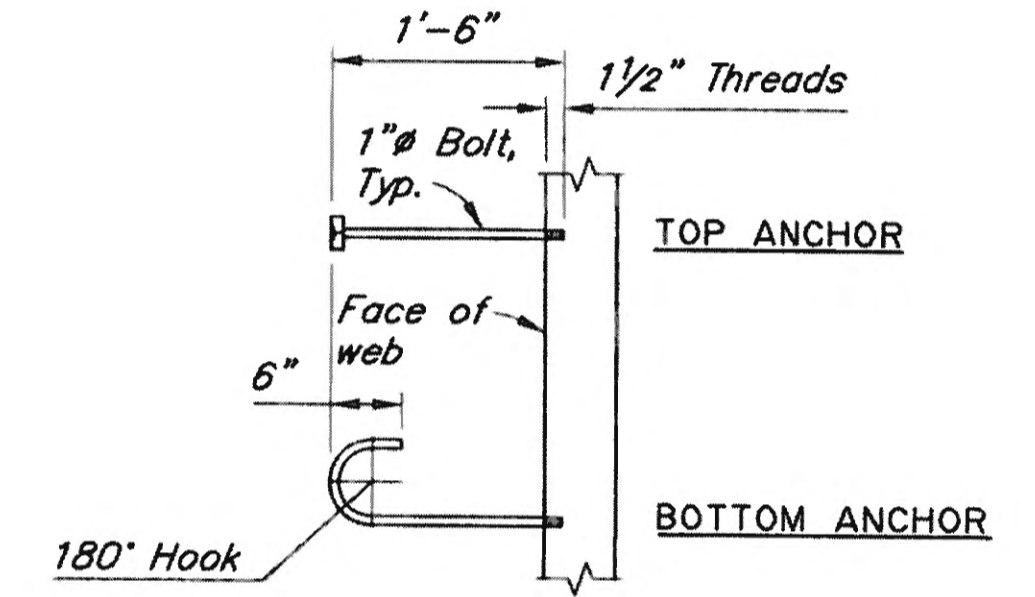
* Certification of Compliance,
Mill Certificates, and Origin
Certificates required.

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N10	

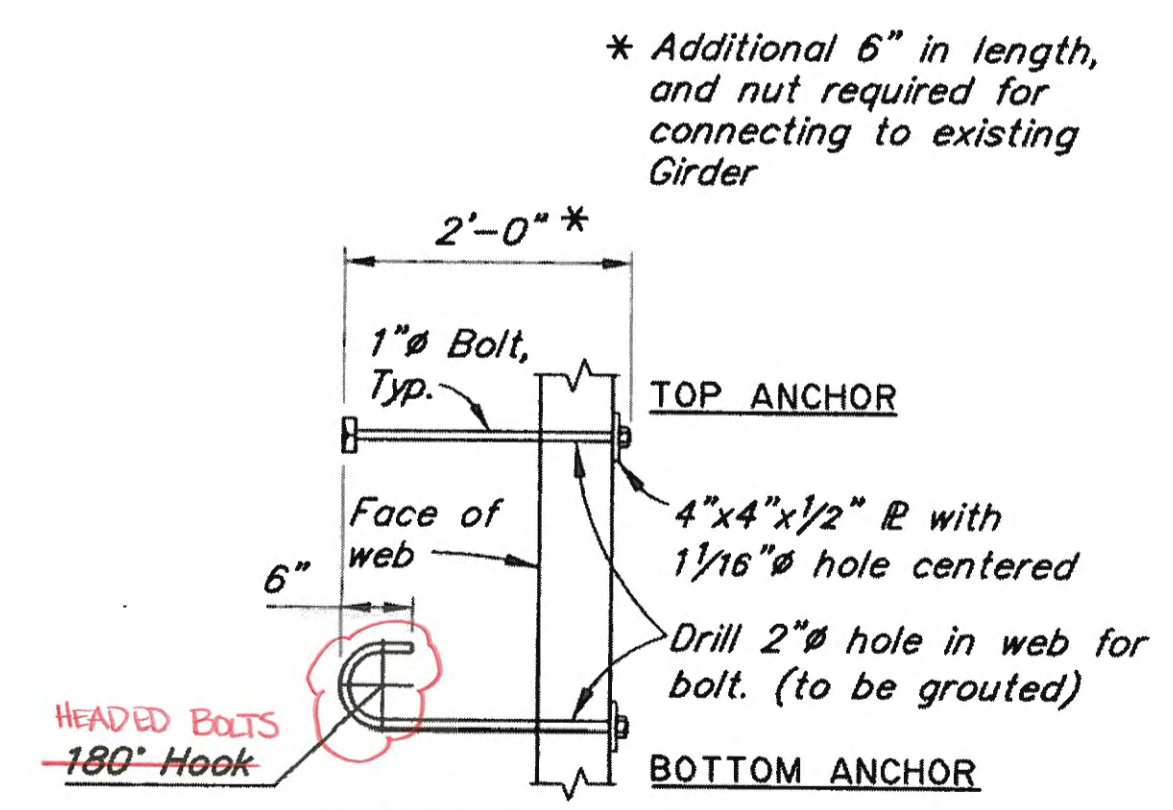
REINFORCING STEEL - ONE DIAPHRAGM						
MARK	NOTE	SIZE	NO.	LENGTH	TYPE	BENDING DIAGRAM
H401	E	4	36	6'-3"	STIRRUP	
H501	E	5	16	5'-8"	---	
H601	E	6	16	5'-8"	---	
H701	E	7	8	3'-0"	BENT	



E - Epoxy-Coated

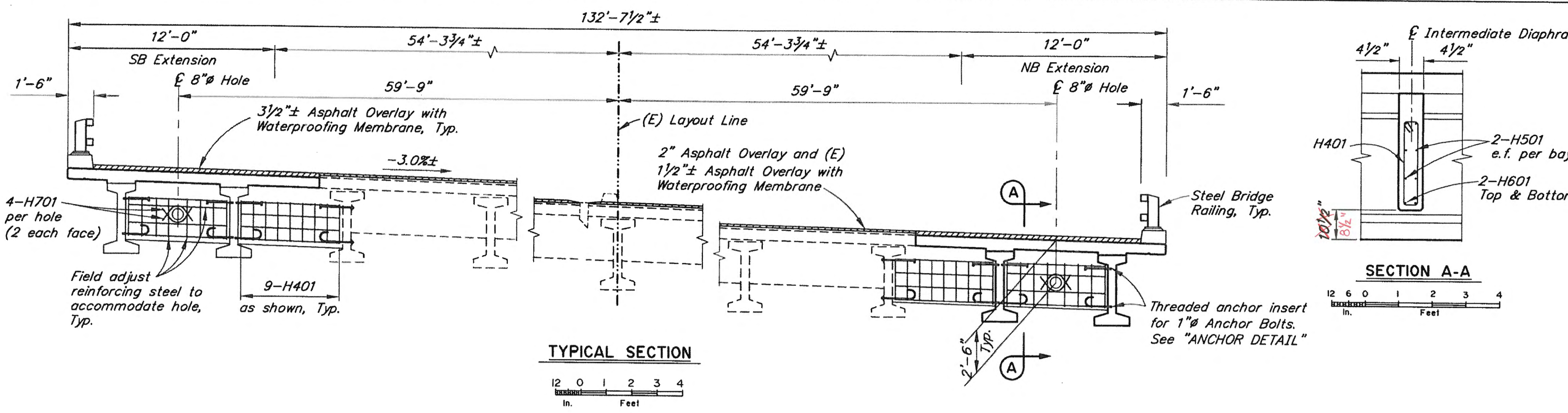


ASTM A307 GALVANIZED
ANCHOR DETAIL

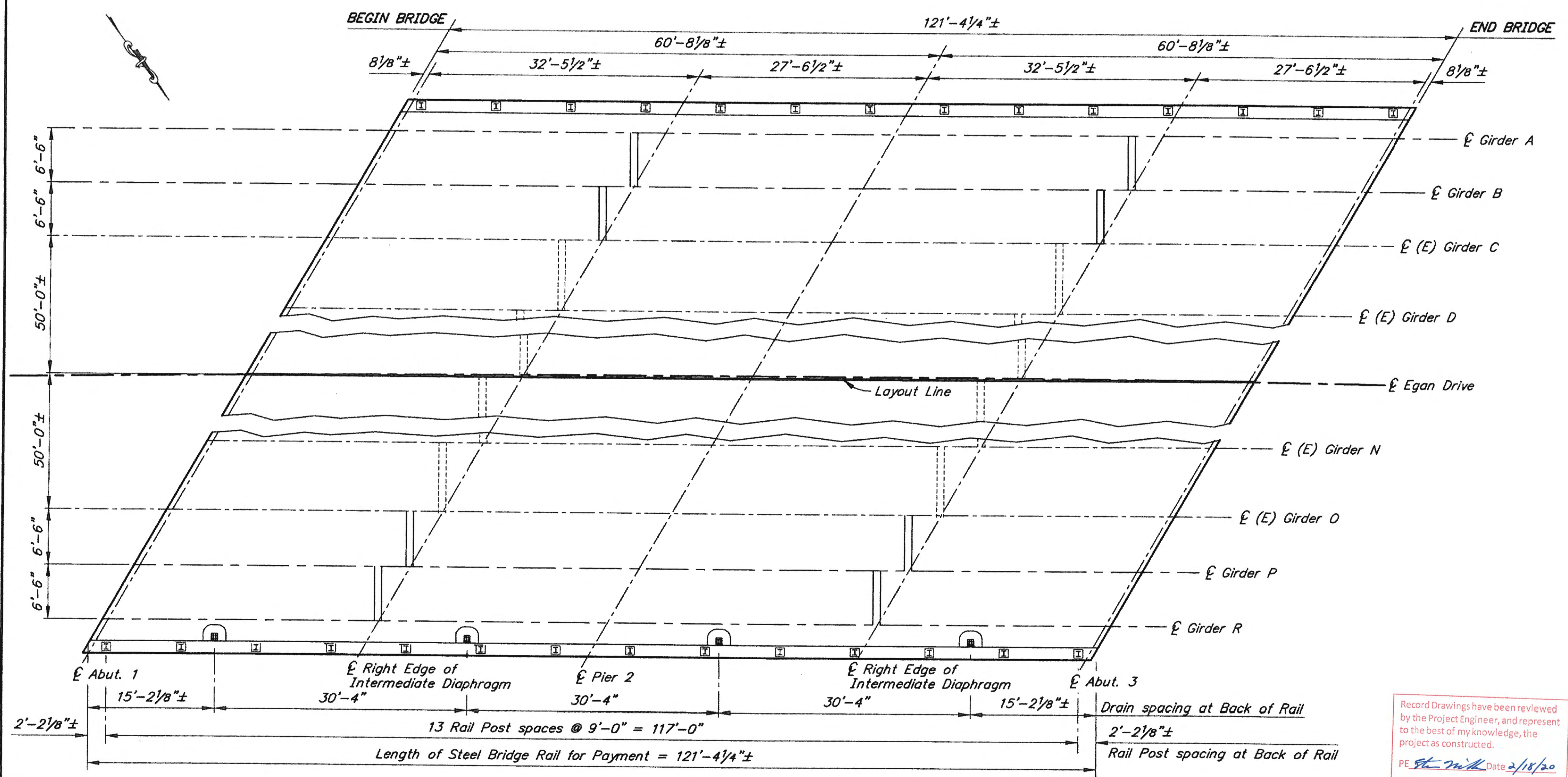


ASTM A307 GALVANIZED
Thread 3" min
ANCHOR DETAIL AT EXISTING GIRDERS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Sh. Will* Date 2/18/20



TYPICAL SECTION



FRAMING PLAN

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



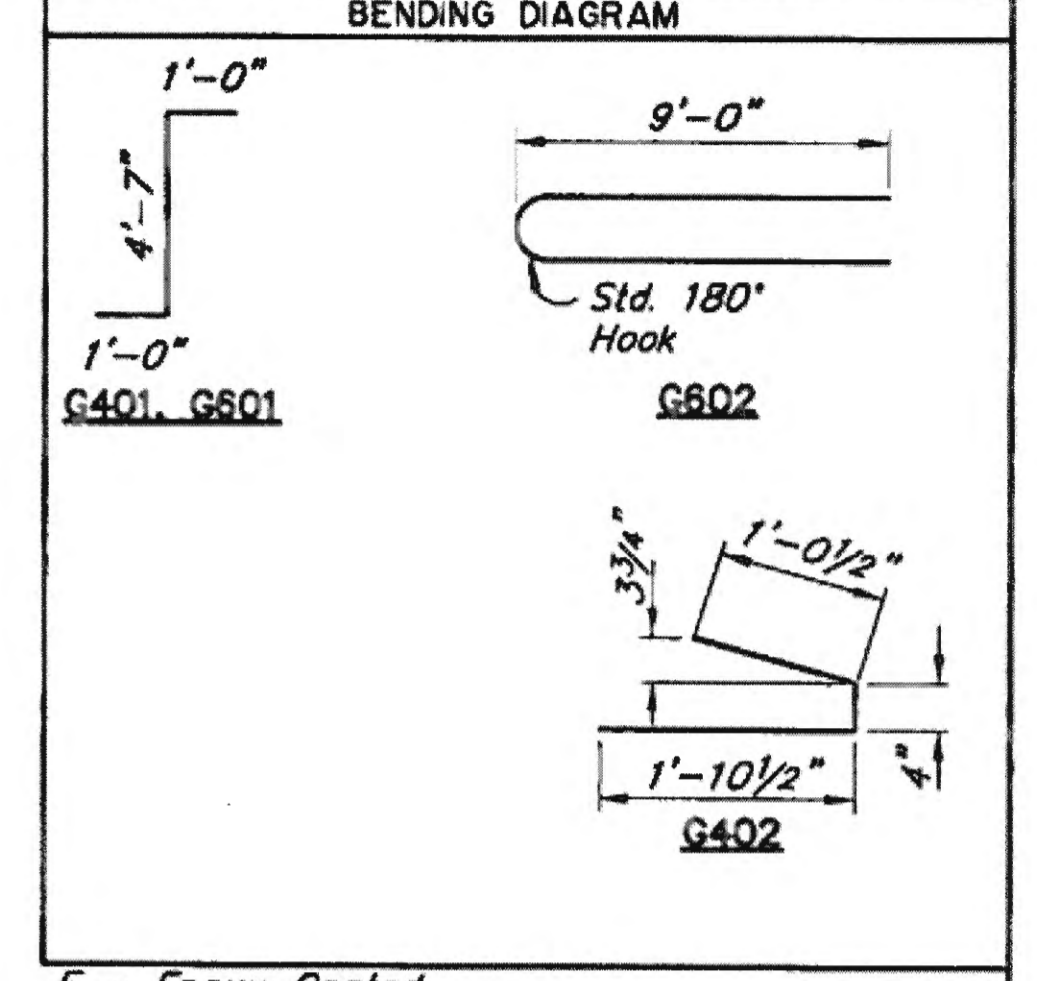
SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
FRAMING PLAN AND TYPICAL SECTION

BRIDGE NO. 1188
DWG. NO. 10

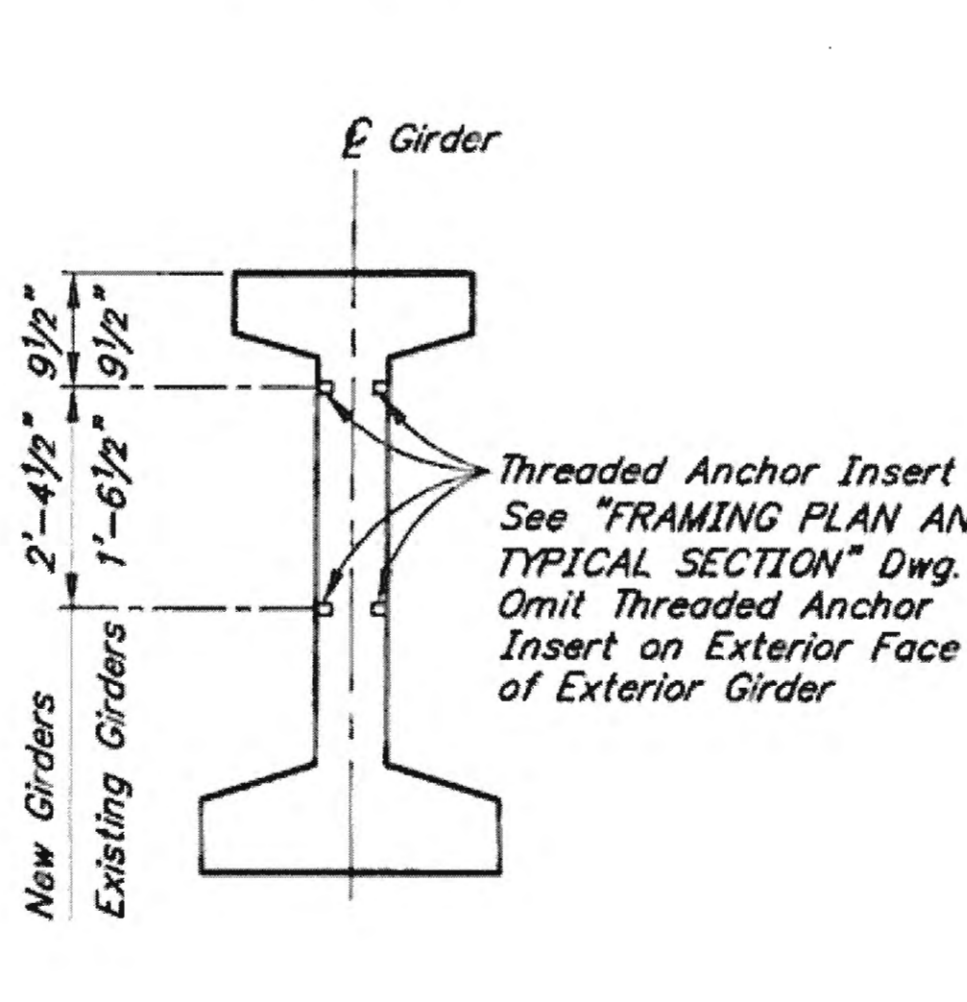
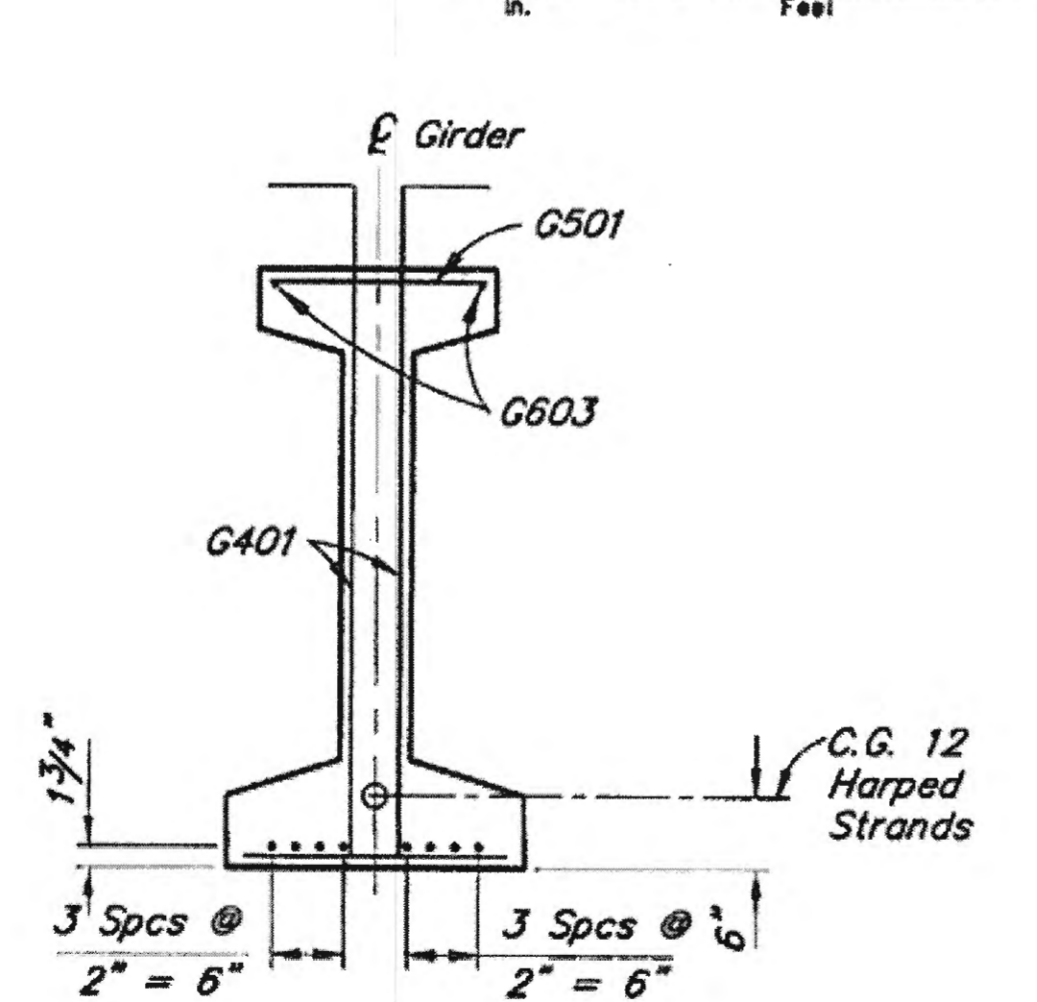
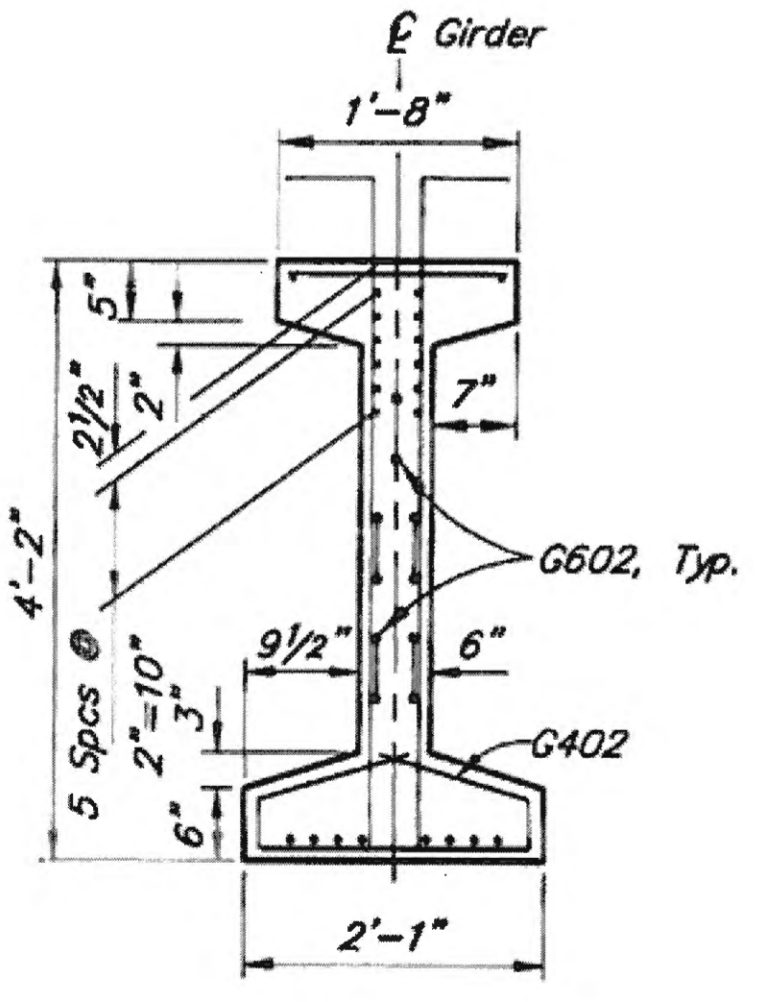
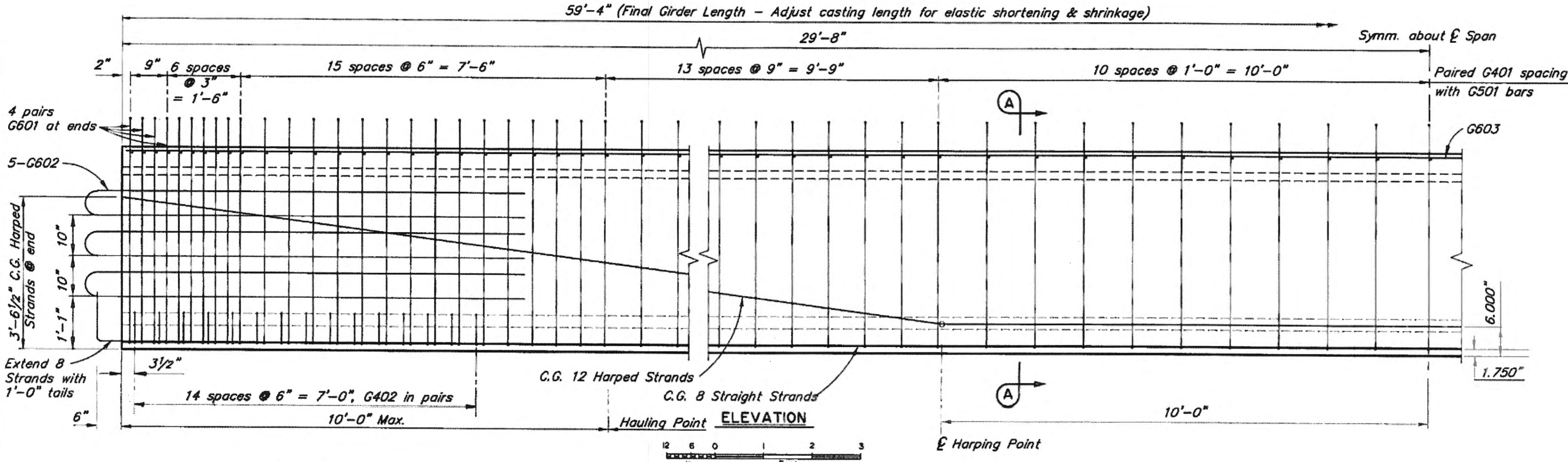
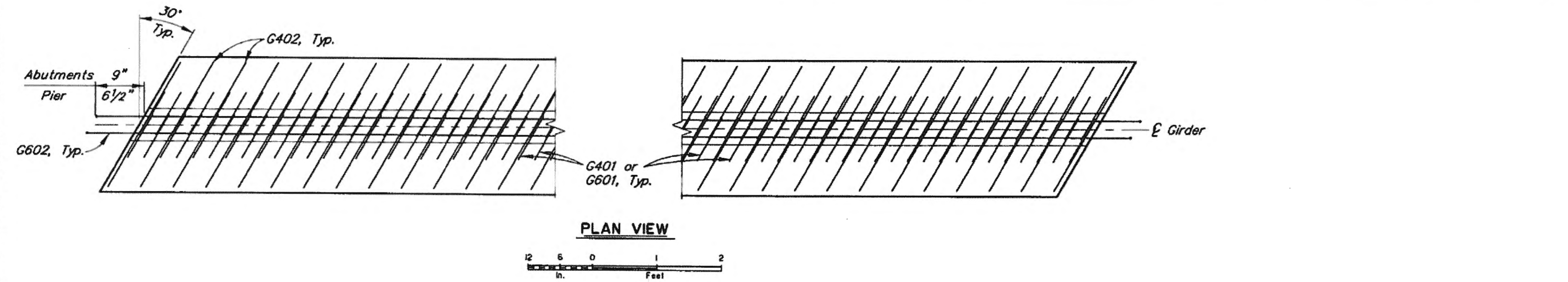
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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N11	

REINFORCING STEEL-ONE GIRDER					
MARK	NOTE	SIZE	NO.	LENGTH	TYPE
G401	E	4	174	6'-7"	BENT
G402	E	4	60	3'-3"	BENT
G501	E	5	95	1'-6"	---
G601	E	6	16	6'-7"	BENT
G602	E	6	10	18'-2"	BENT
G603	E,S	6	2	59'-2"	---



E - Epoxy-Coated
 S - Length does not include splices



GIRDER NOTES

Use Class P concrete having the following strengths:
 At Stress Transfer $f_{ci} = 4,000$ psi
 At 28 days $f'_c = 5,000$ psi

Use 1/2" round low relaxation strands having an ultimate strength of 270 ksi and a cross section area of 0.153 in².

Design is based on the following steel stresses:
 Pretensioning - Jacking Stress 189 ksi
 After initial losses - 176 ksi
 After all losses - 144 ksi

Form girders so the roadway surface conforms to the indicated grade line with an allowance for 1/2" of positive camber at midspan.

Galvanize all steel embedded in girders.

1" clear on all reinforcing except as noted.

Roughen top flange to 1/4" amplitude.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE [Signature], Date 2/18/20

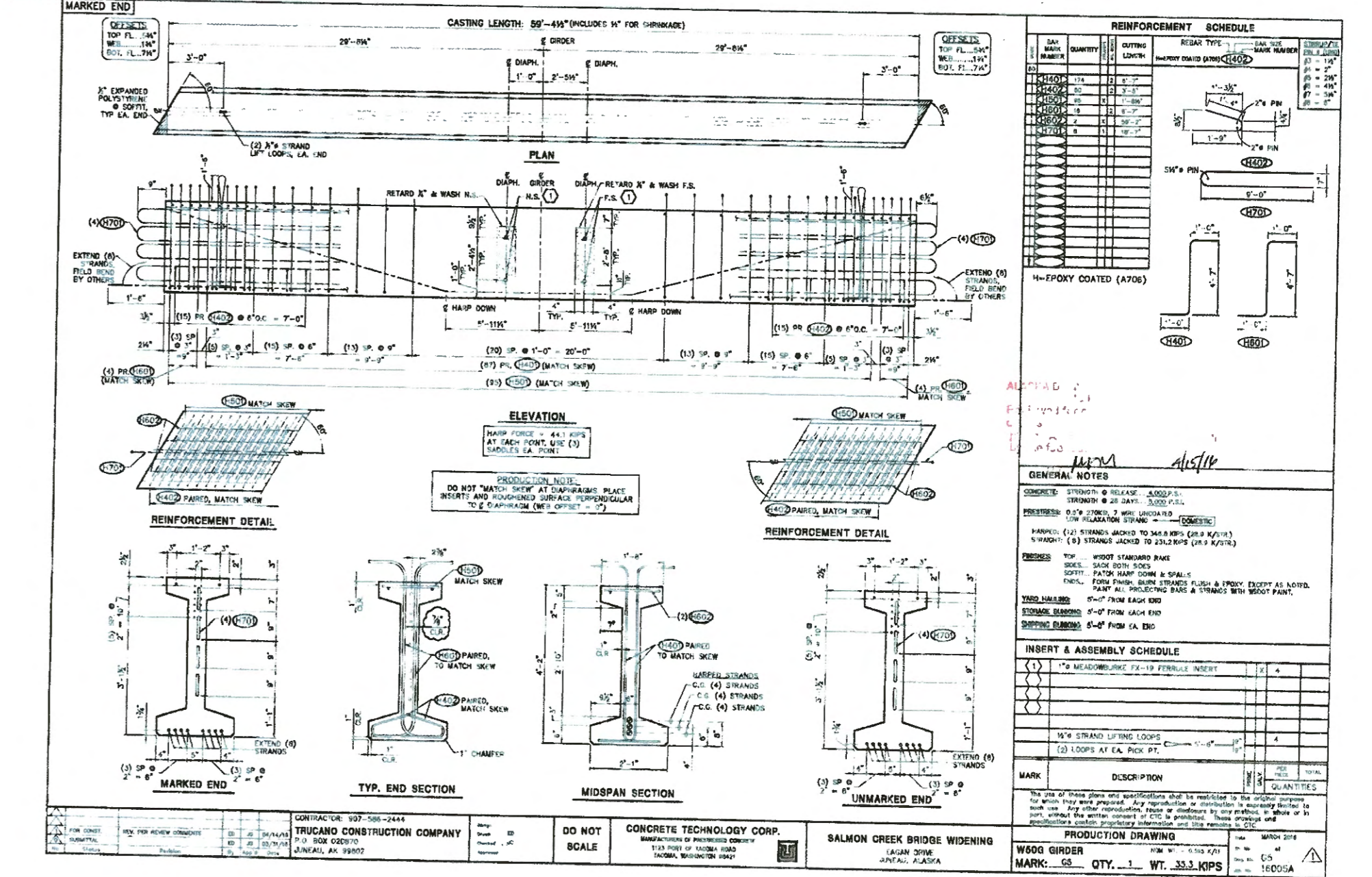
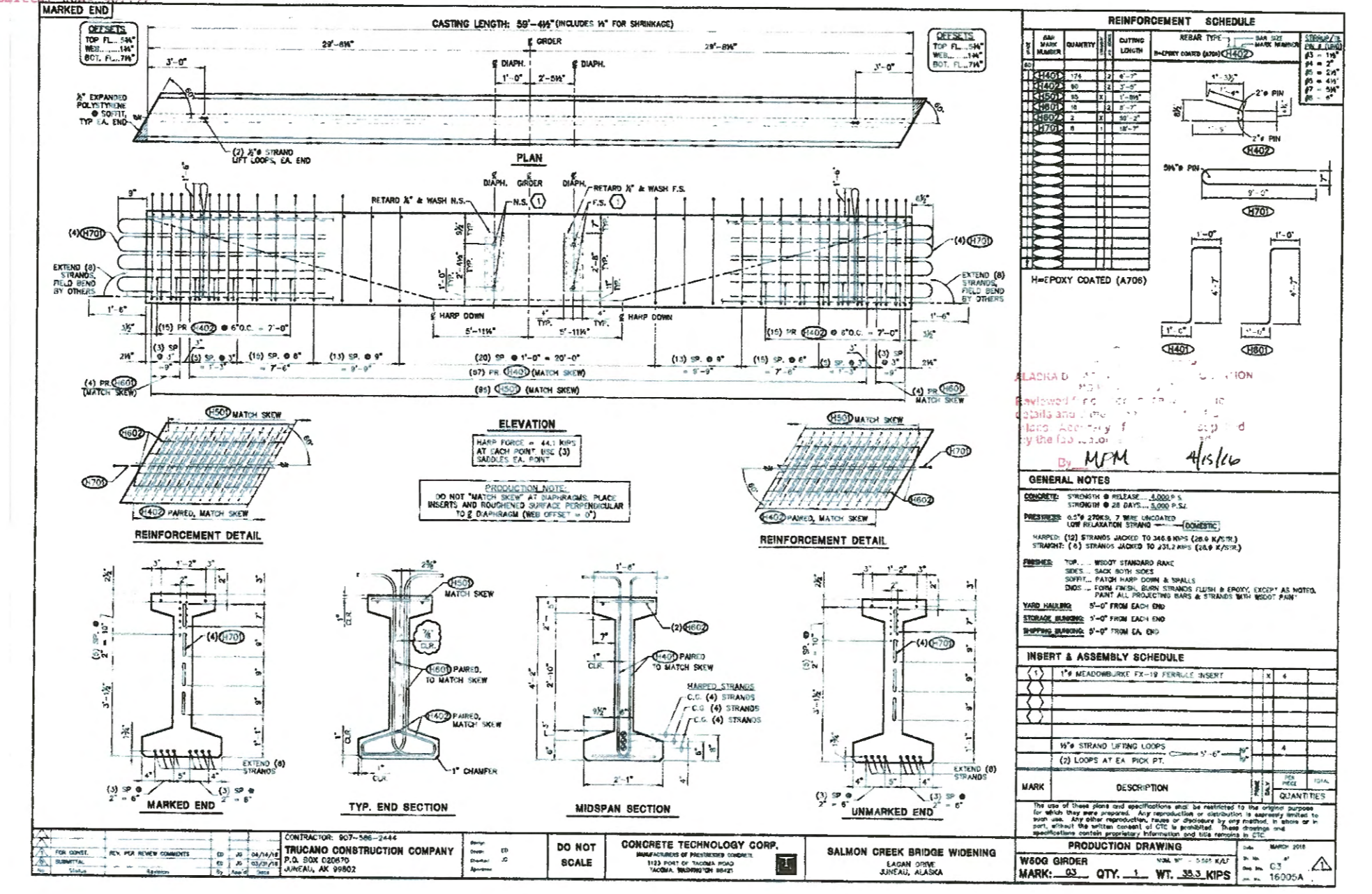
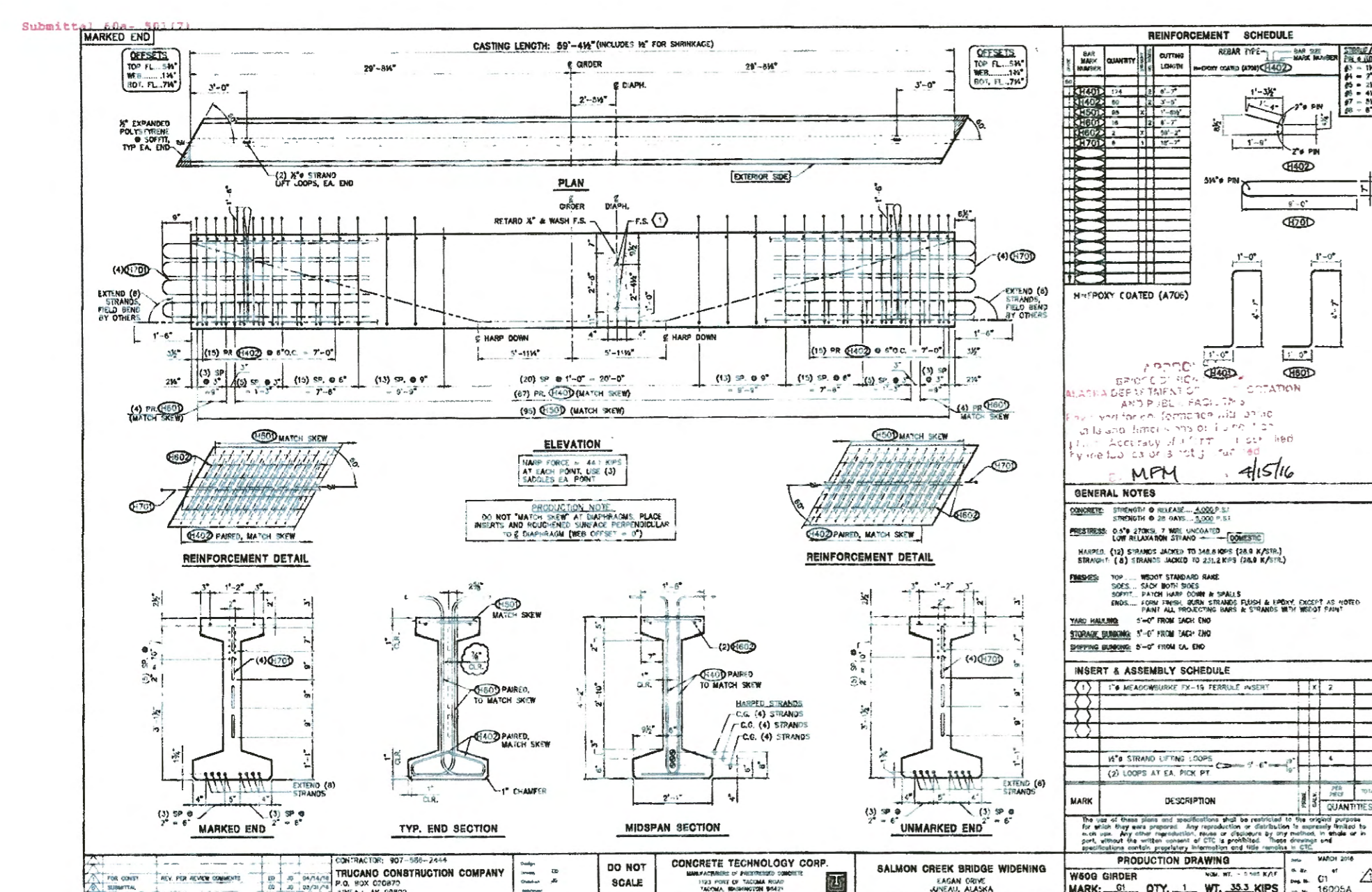
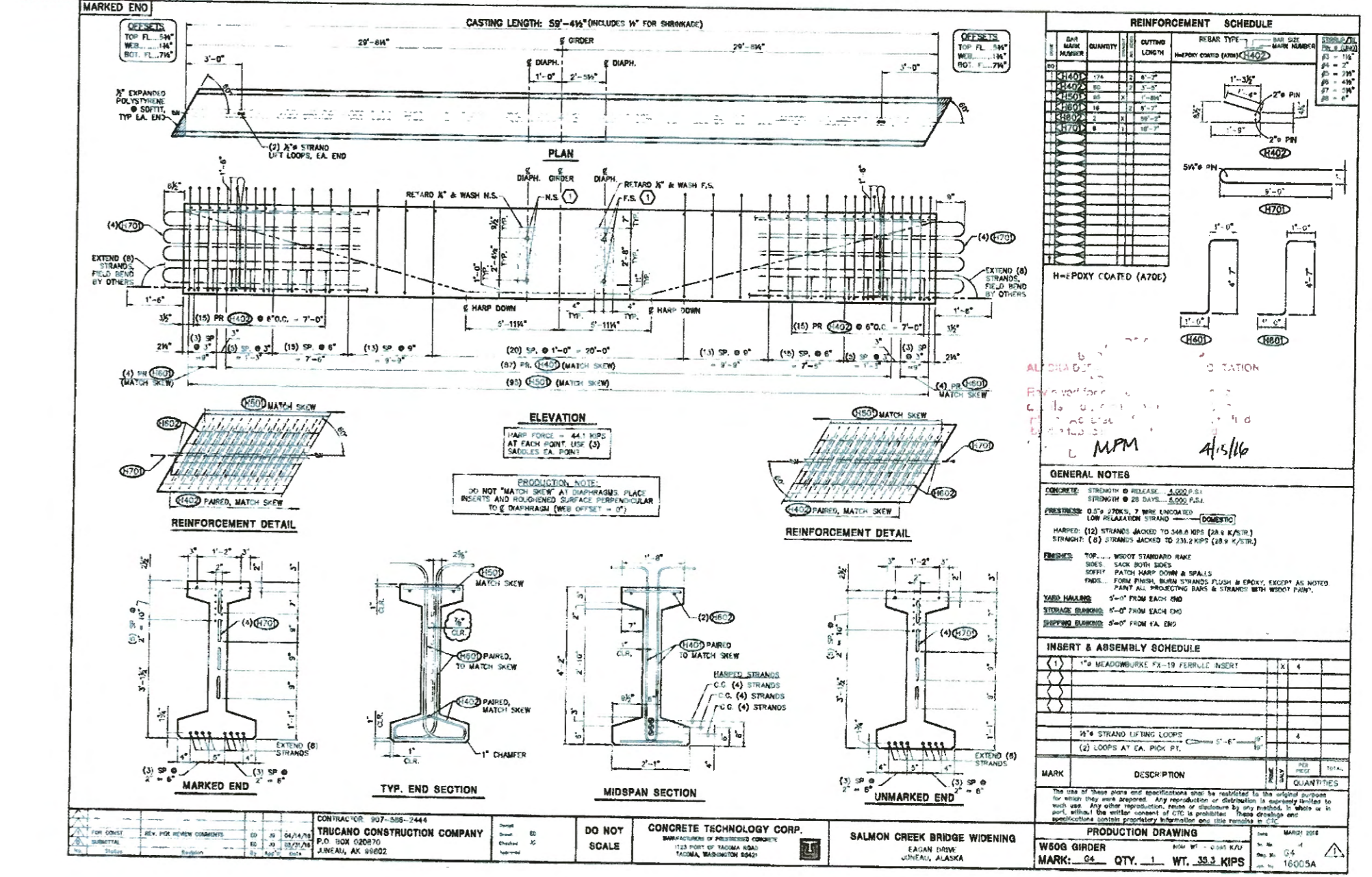
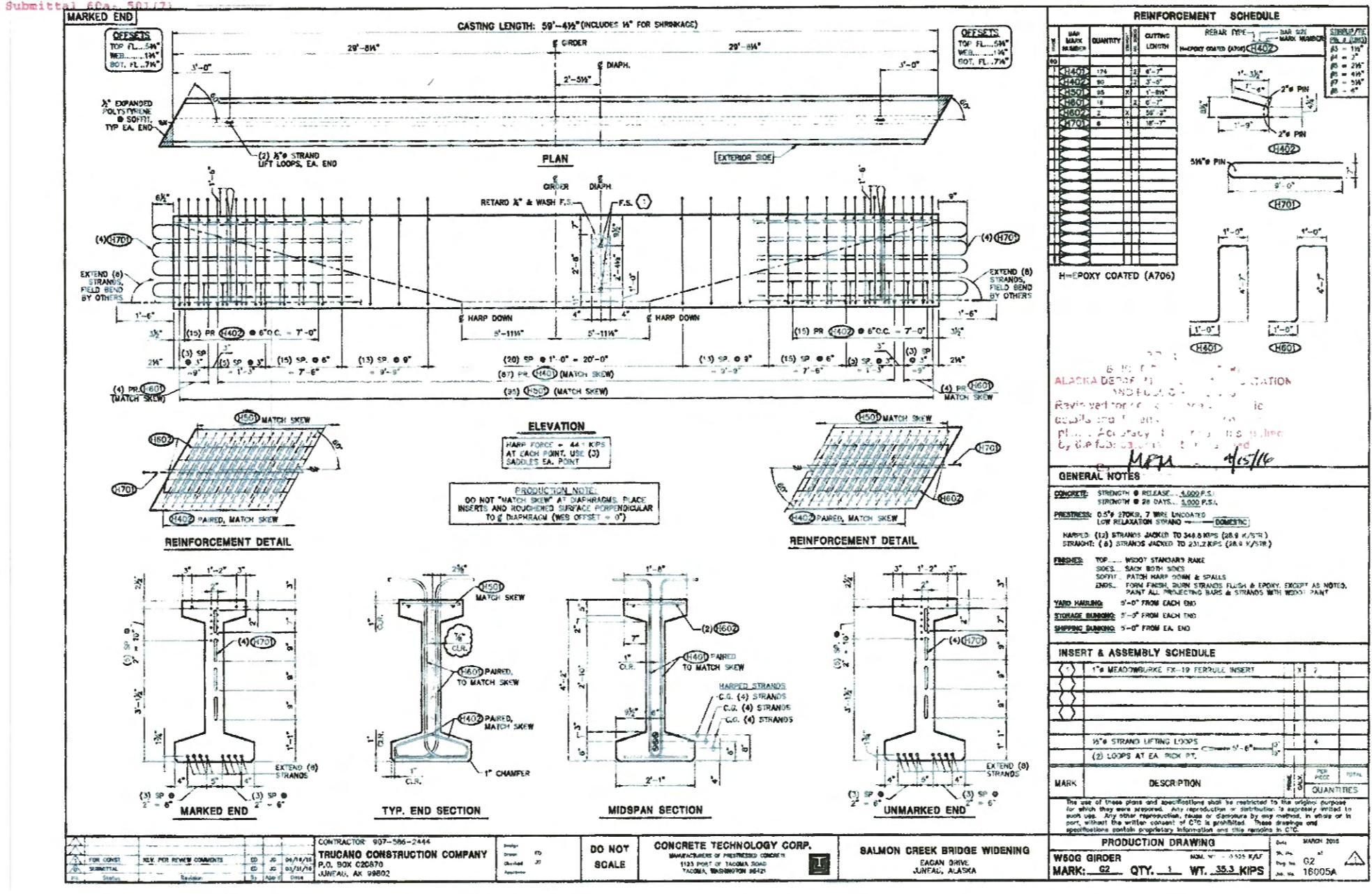
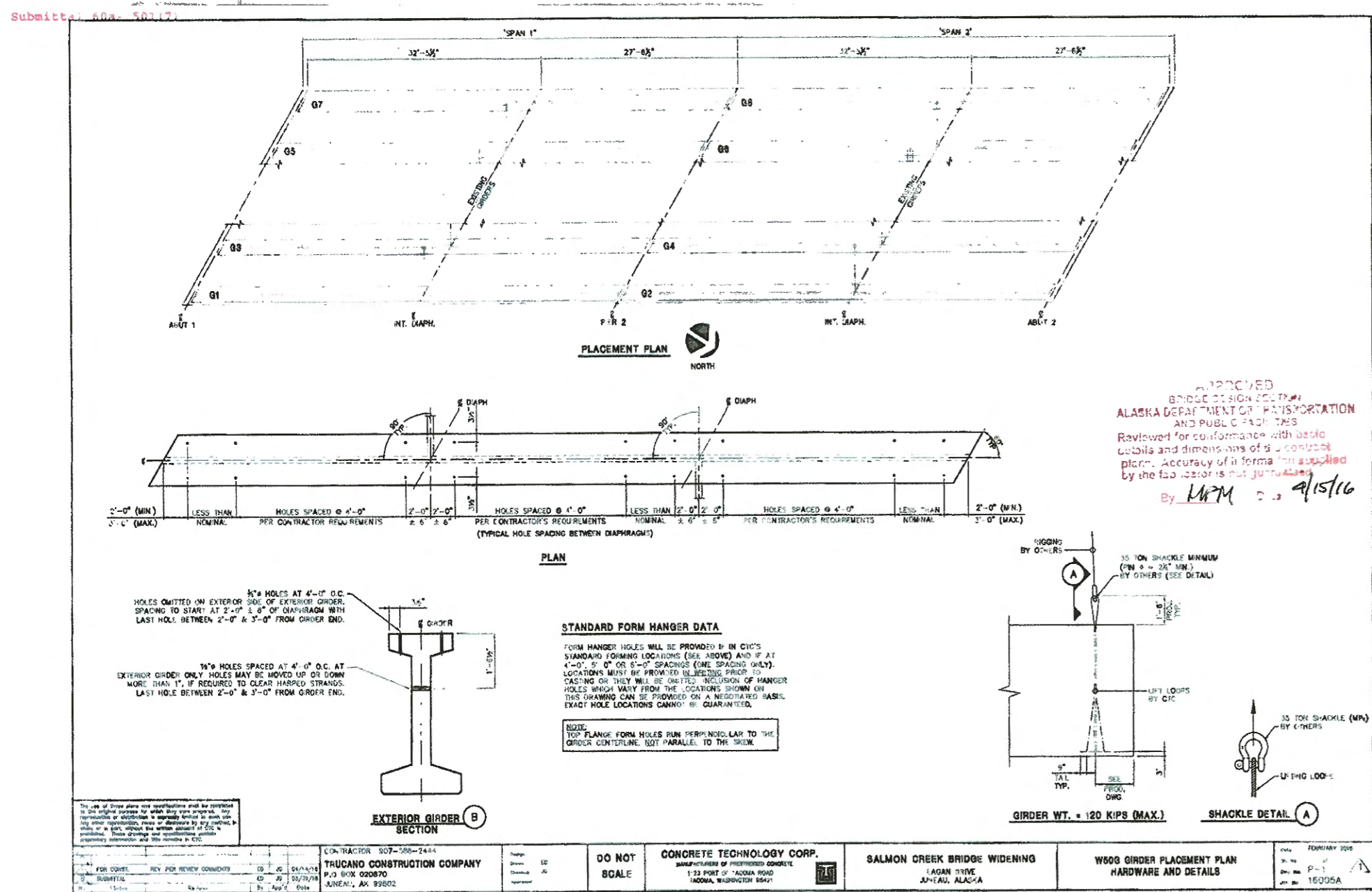
DESIGNED BY: [Signature]	CHECKED: [Signature]
DRAWN BY: [Signature]	CHECKED: [Signature]
QUANTITIES BY: [Signature]	CHECKED: [Signature]

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

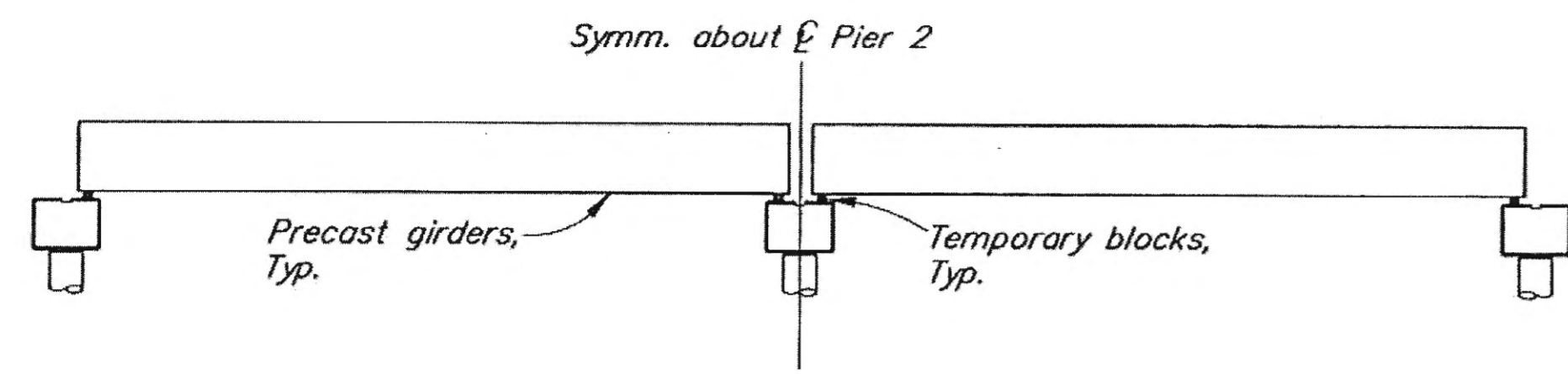


SALMON CREEK BRIDGE WIDENING
 EGAN DRIVE
GIRDERS

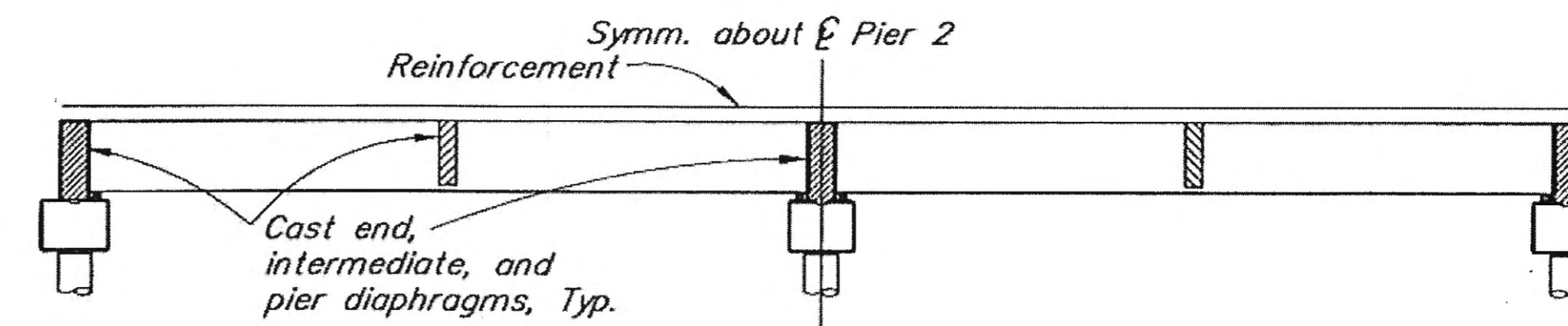
BRIDGE NO. 1188
 DWG. NO. 11



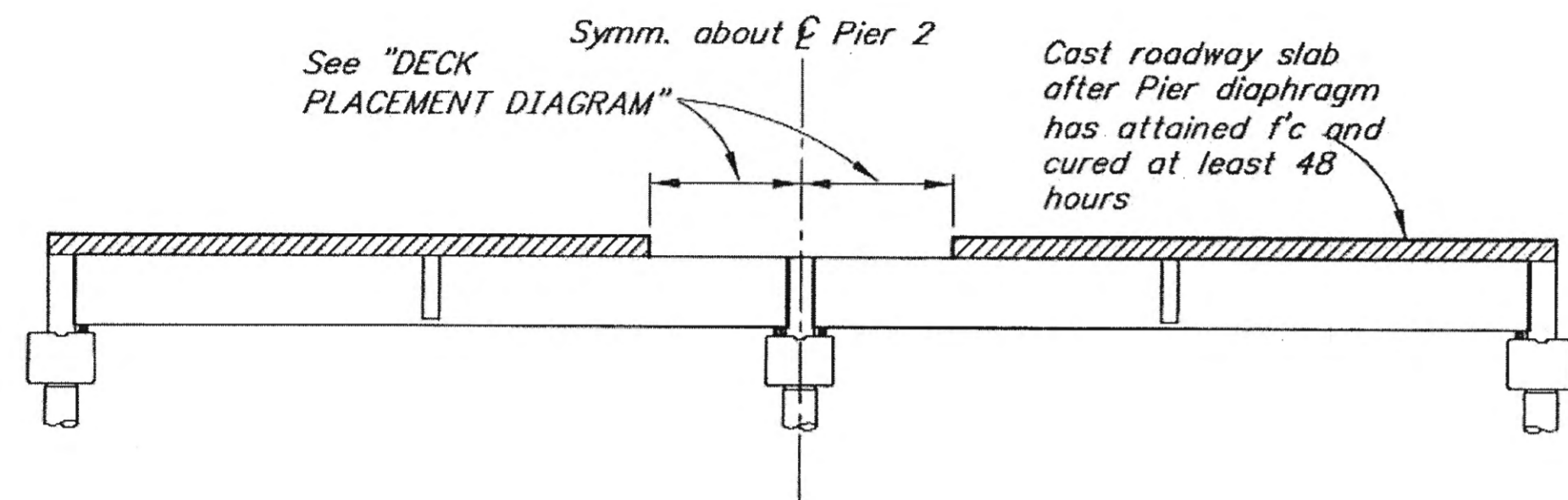
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N12	



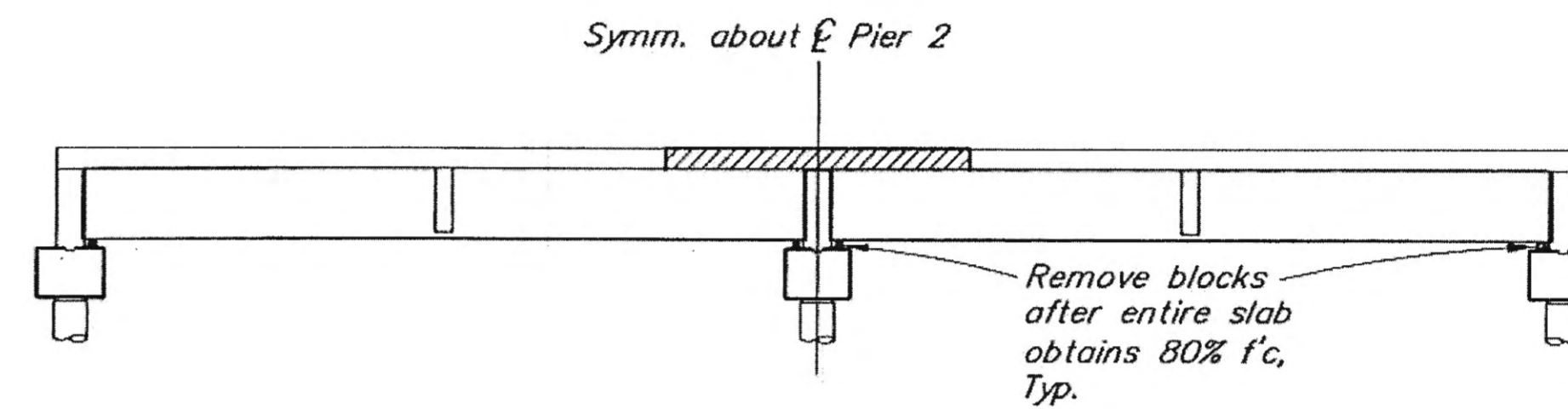
Stage 1 - Set girders in place



Stage 2 - Pour diaphragms, Measure Girder Camber & place forms and reinforcement



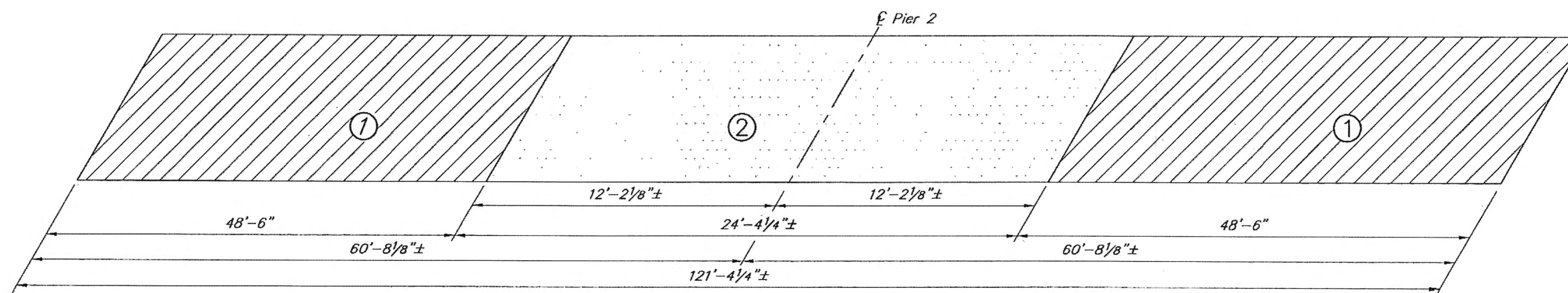
Stage 3 - Pour partial slab



Stage 4 - Finish pour slab

SEQUENCE OF SLAB CONSTRUCTION

No Scale



DECK PLACEMENT DIAGRAM

No Scale

Concrete Placing Notes:

The numbers 1 and 2 represent the sequence in which the slab concrete is to be placed. Sections of like numbers need not be placed simultaneously. However, all like numbered sections must be placed prior to placing any sections of the succeeding number. Place curbs in the same sequence as the roadway slab after completing deck.

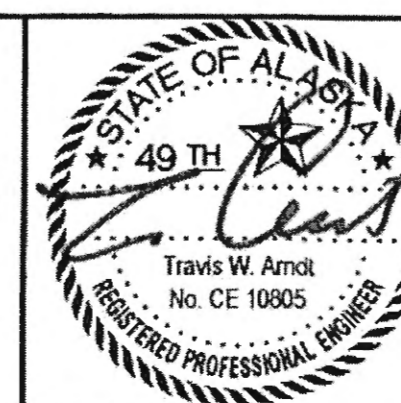
Cure each section 48 hours prior to placing the next section.

DECK CONCRETE PLACED IN A SINGLE POUR. NO CONSTRUCTION JOINTS IN DECK.

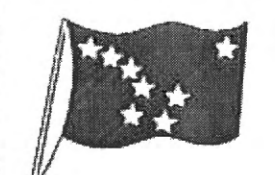
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date _____

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie Jr</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
DECK PLACEMENT SEQUENCE



BRIDGE NO. 1188
DWG. NO. 12

8/3/15

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	N13	

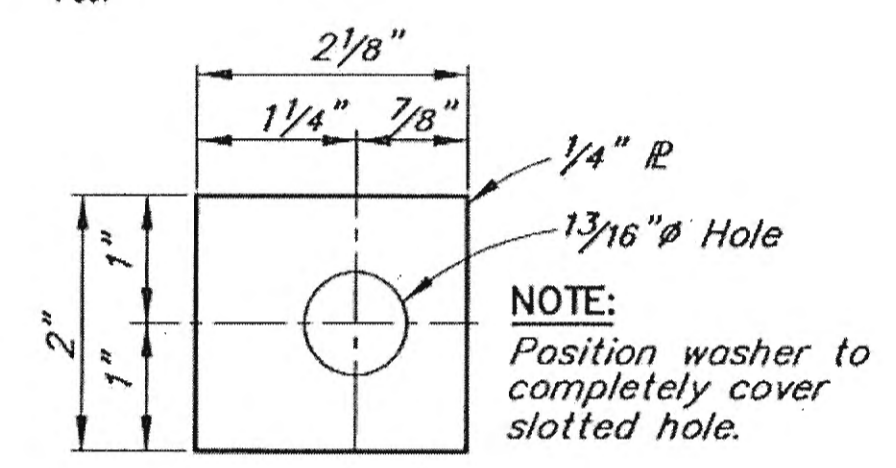
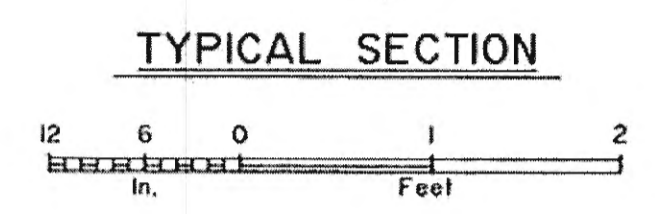
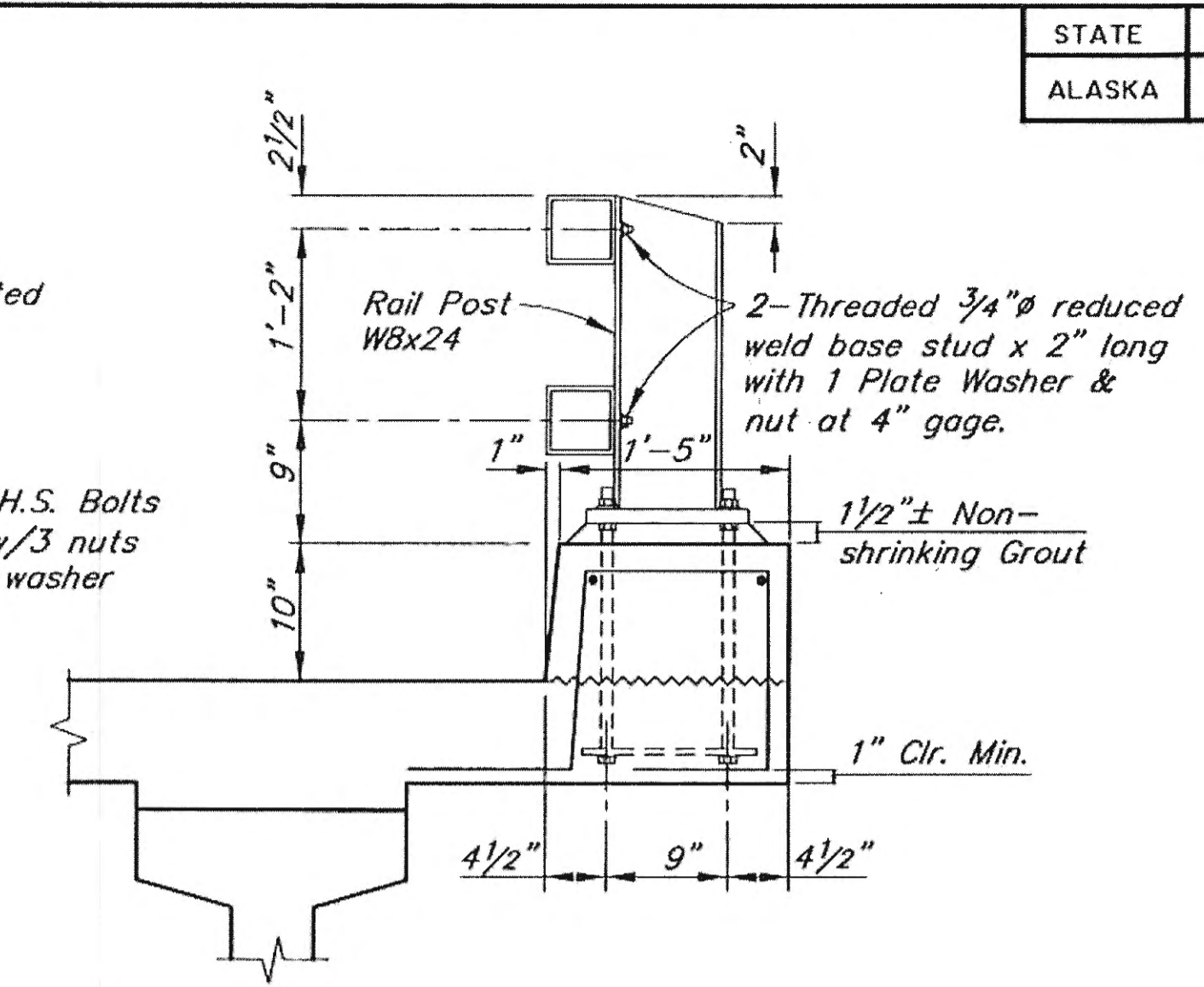
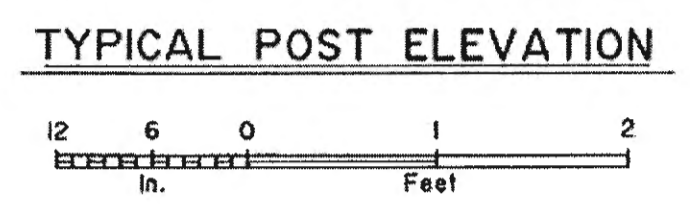
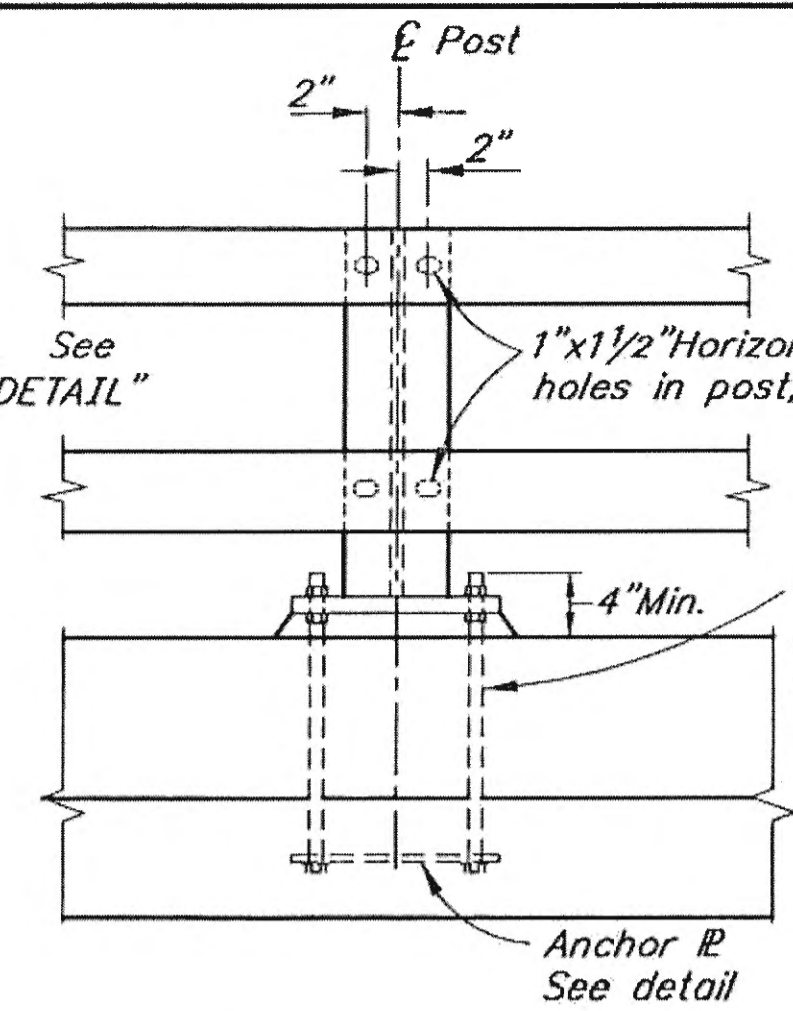
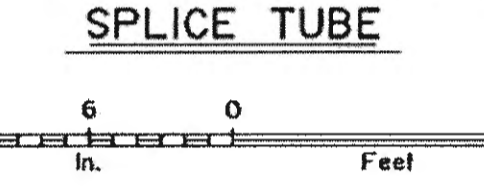
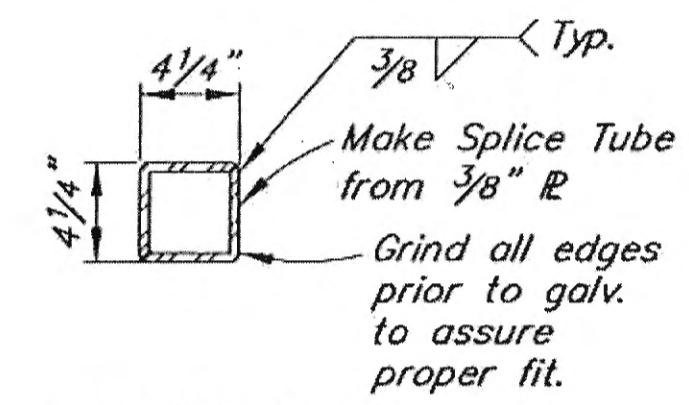
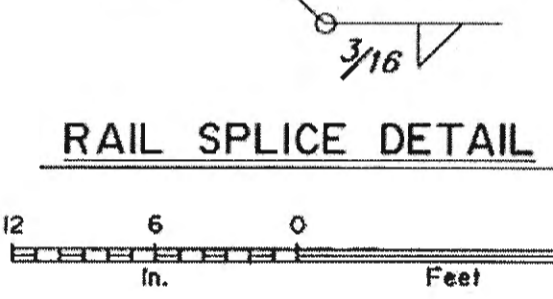
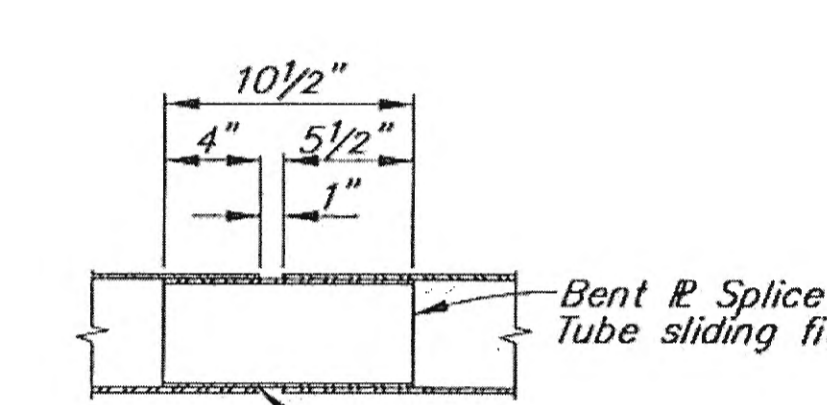
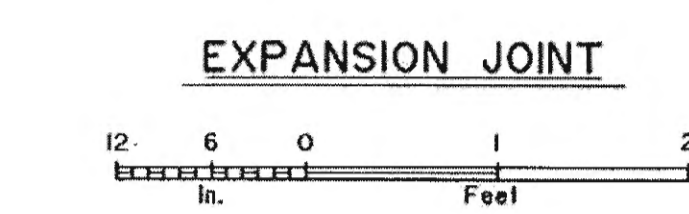
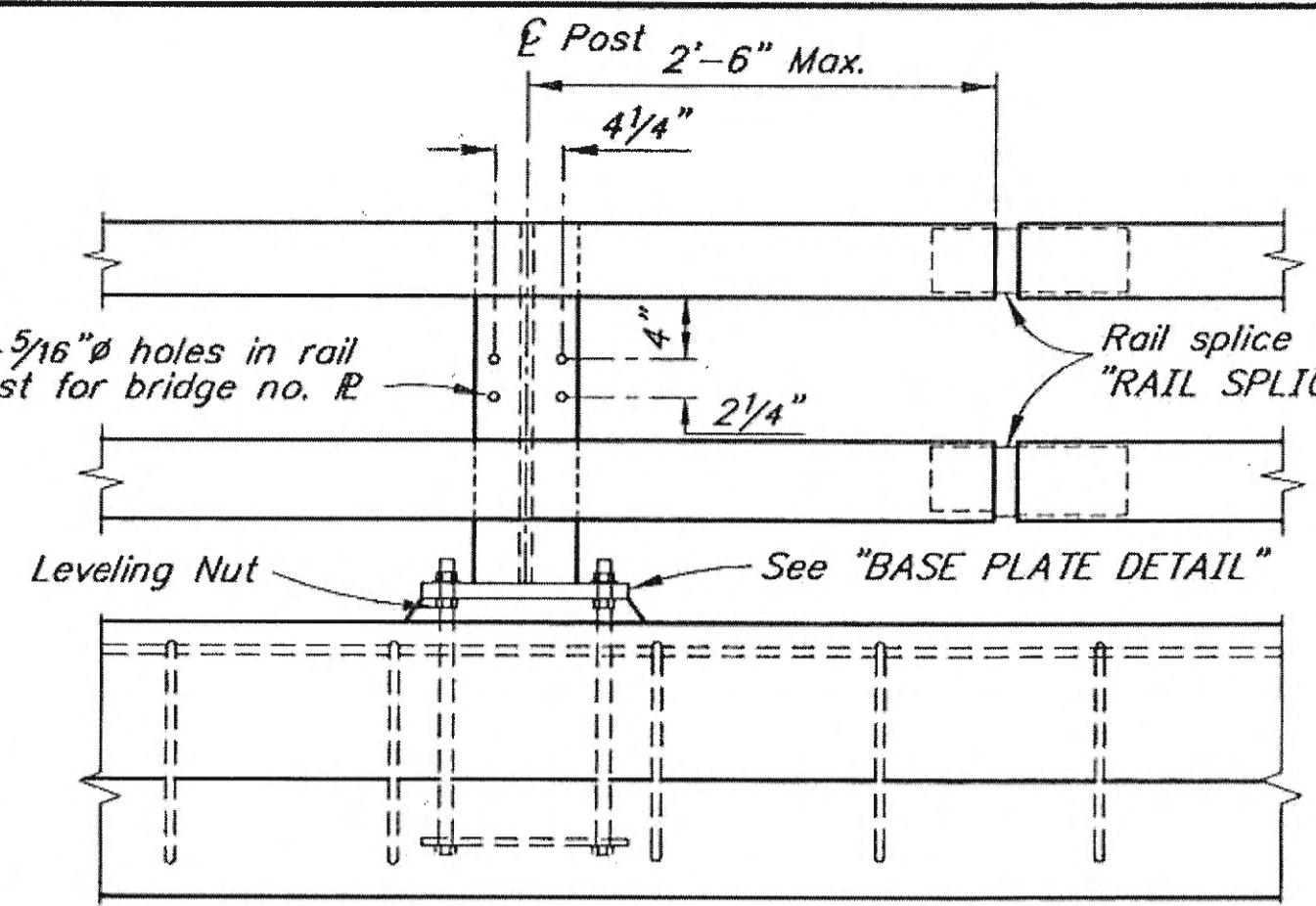
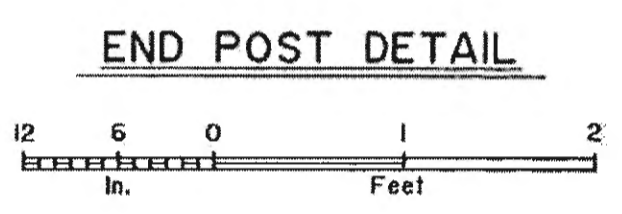
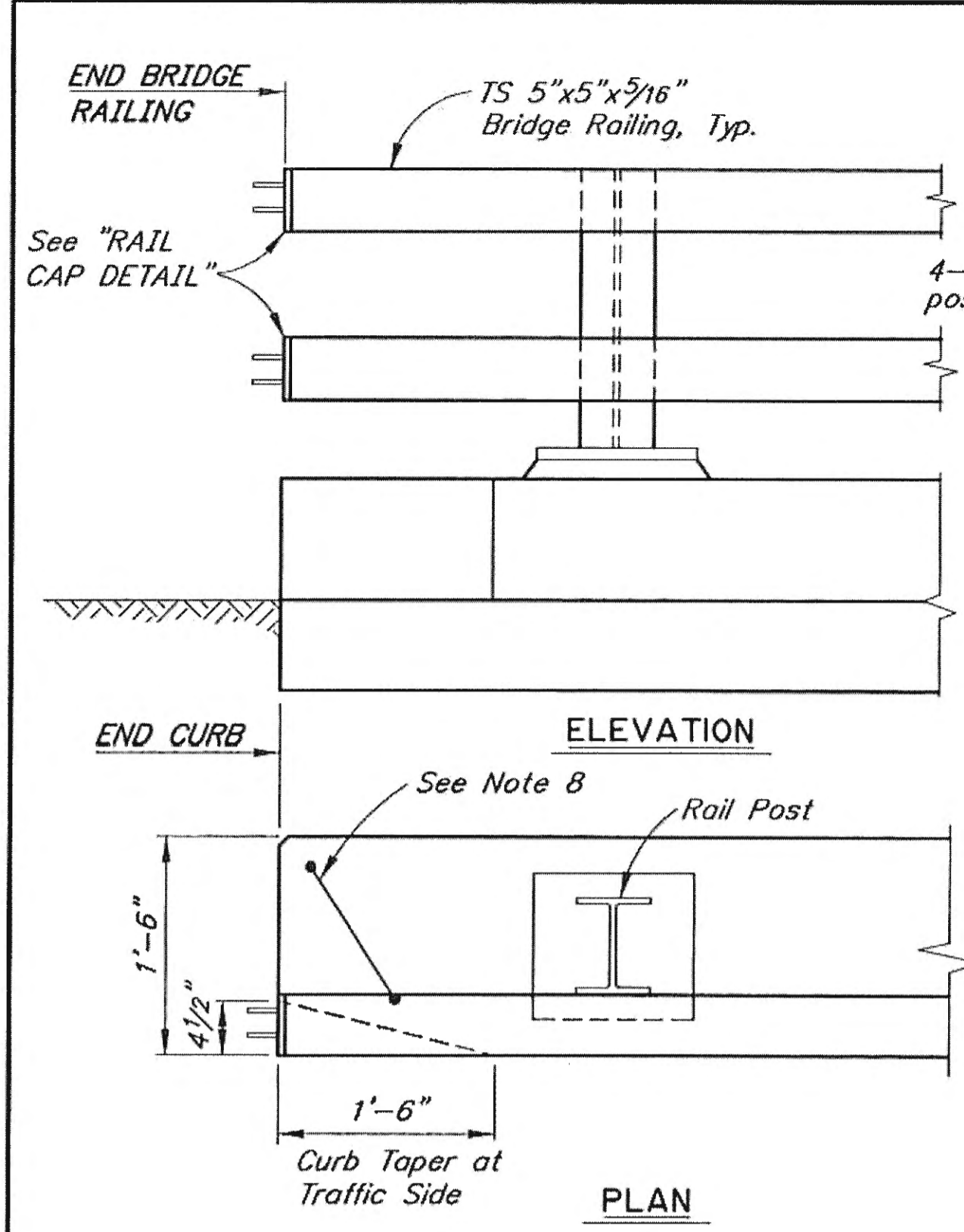
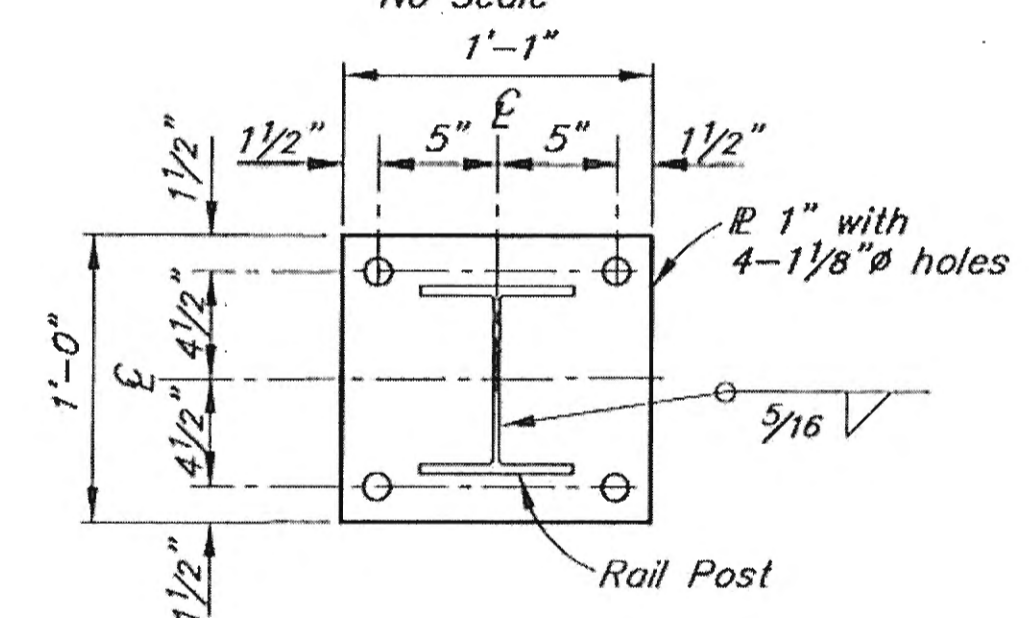
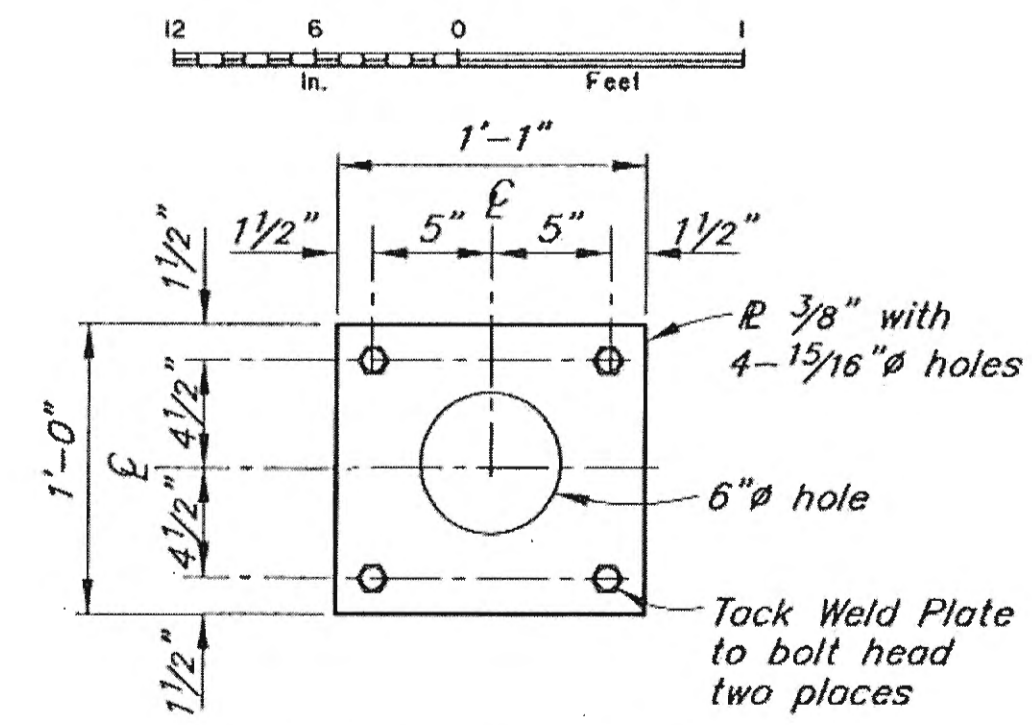


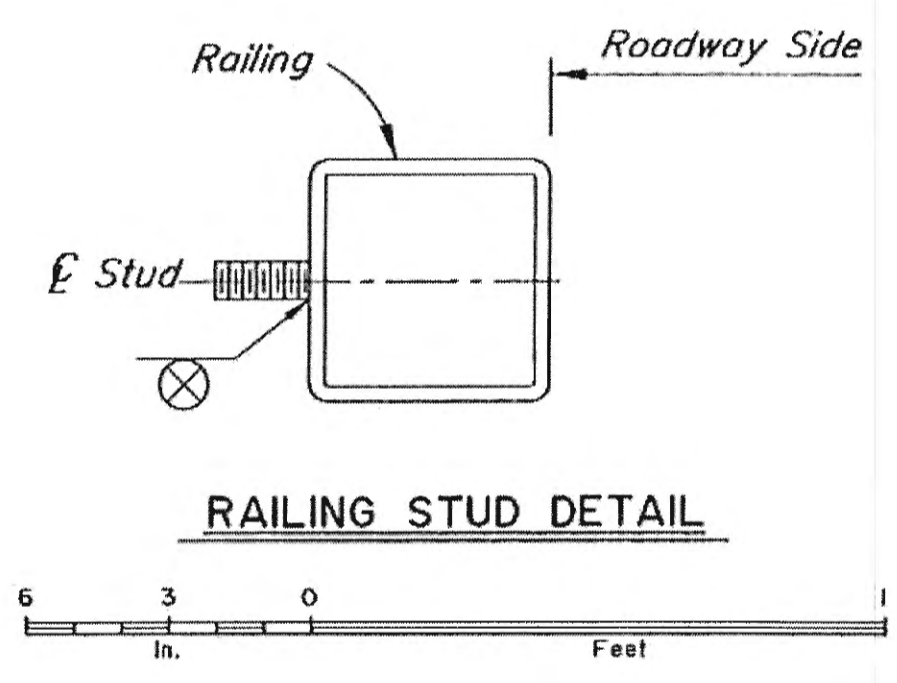
PLATE WASHER
No Scale



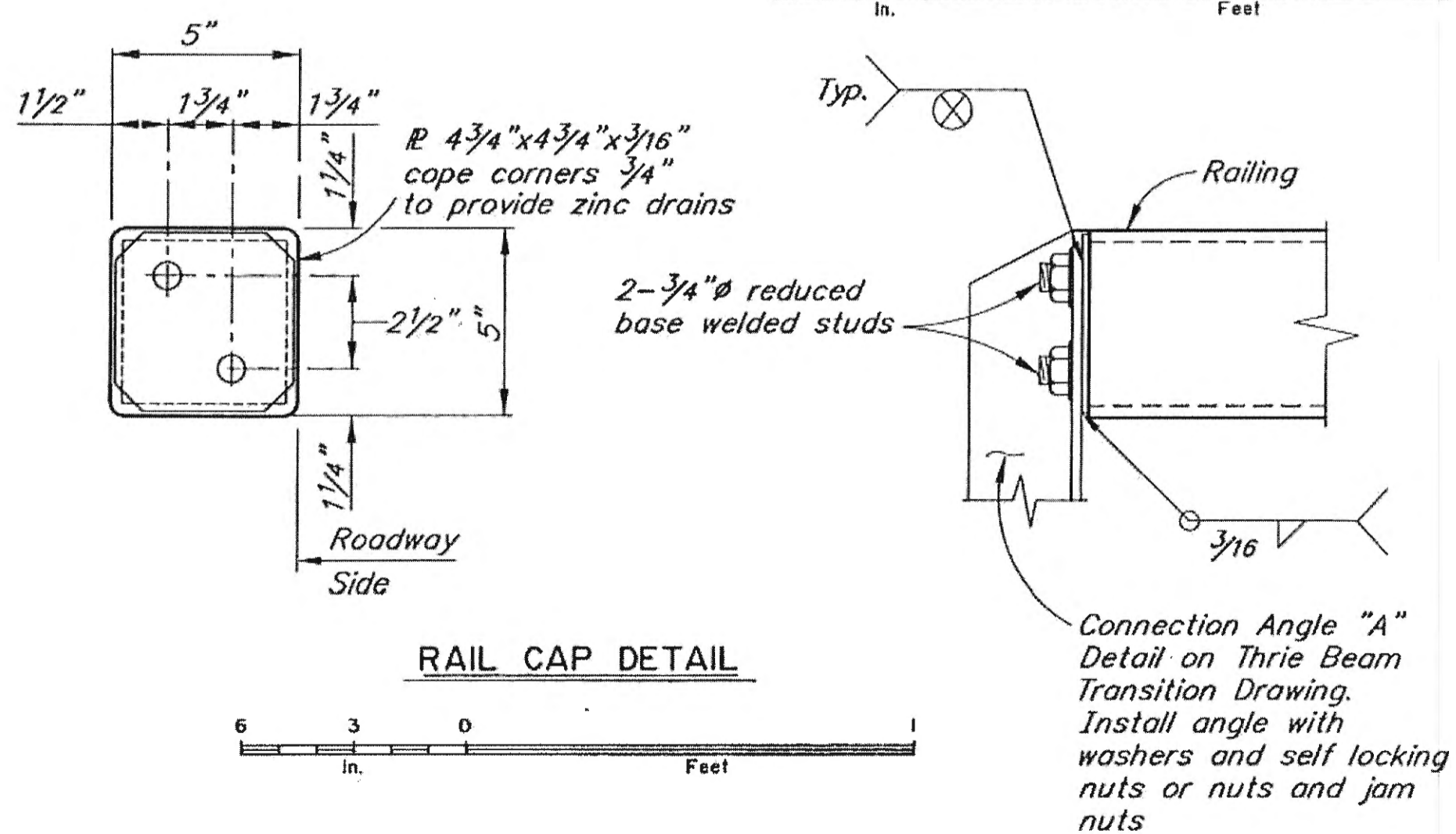
BASE PLATE DETAIL
12 6 0 1 in. Feet



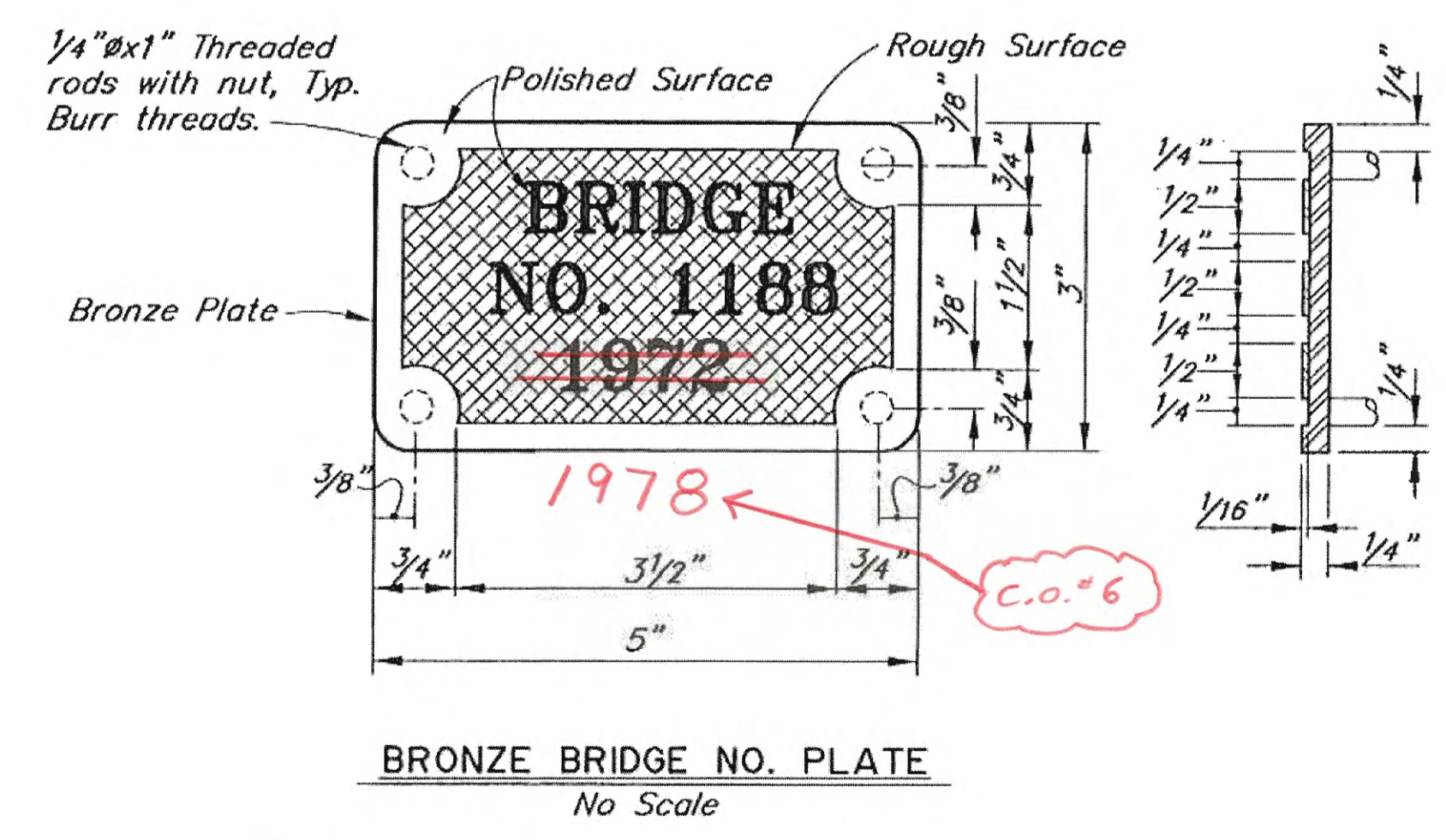
ANCHOR PLATE DETAIL
12 6 0 1 in. Feet



RAILING STUD DETAIL
6 3 0 1 in. Feet



RAIL CAP DETAIL
6 3 0 1 in. Feet



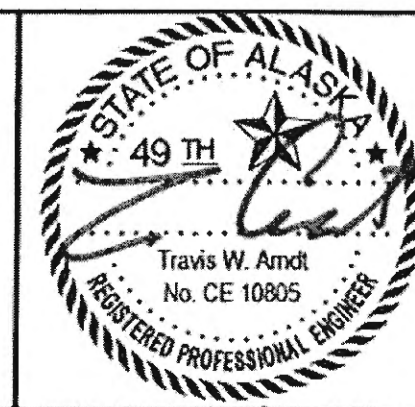
BRONZE BRIDGE NO. PLATE
No Scale

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Hill* Date 2/18/20

- NOTES:**
1. Locate bridge number plates on right hand side of approaching traffic near each end (2 total).
 2. Bronze bridge number plates. Use "Century" type style lettering. Use studs and nuts that conform to UNS C65100 or C65500. Braze 1/4" threaded rod to back of plate with nut - 4 required. Use locking nuts or lock washers on all machine bolts.
 3. Provide railing expansion joints at 50'-0" maximum intervals. Make railing continuous over 2 posts minimum.
 4. Use grout with a minimum 24 hour f'c of 3000 psi.
 5. See "FRAMING PLAN AND TYPICAL SECTION" Dwg. for rail post spacing.
 6. Install bridge rail posts plumb.
 7. See Std. Dwg. G-31.01 for Thrie Beam Transition.
 8. Adjust reinforcing to accommodate curb taper.

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie Jr</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



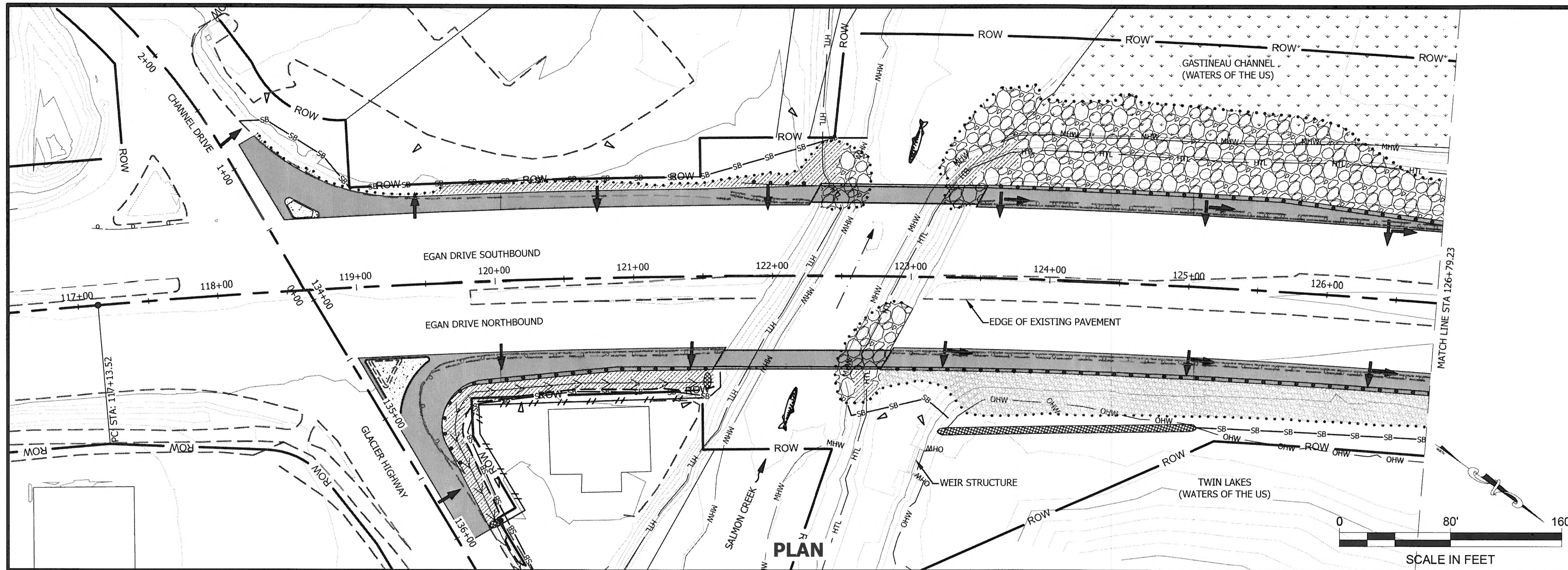
SALMON CREEK BRIDGE WIDENING
EGAN DRIVE
STEEL BRIDGE RAILING

BRIDGE NO. 1188
DWG. NO. 13

9/3/15

PURVES, NATHAN A (DOT)
 TAB: P1 Monday, September 28, 2015 9:53:54 AM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



GENERAL NOTES:

1. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A SWPPP ACCORDING TO SECTION 641 OF THE SPECS.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES OR AS SPECIFIED ELSEWHERE.
4. SEED MIX SHALL BE SPREAD BY HYDRAULIC METHOD TO STABILIZE DISTURBED SOILS, IN ACCORDANCE WITH THE APPROXIMATE LOCATIONS ON THE PLANS AS IMPLEMENTED IN A SWPPP ACCORDING TO SECTION 641 OF THE SPECS.
5. WORK WITHIN THE GASTINEAU CHANNEL SHALL BE LIMITED TO TIMES DURING LOW TIDE WHEN THE GROUND IS FREE OF TIDAL WATERS. WORK SHALL BE STAGED IN A MANNER SUCH THAT ALL FILTER COURSE FILL IS PROTECTED BY KEYED IN RIPRAP PRIOR TO THE RETURN OF TIDAL WATERS.

LEGEND

	DITCH CENTERLINE
	EARTH DISTURBANCE
	HTL HIGH TIDE LINE
	LIMITS OF FILL
	LIMITS OF CUT
	MEAN HIGH WATER
	ORDINARY HIGH WATER
	PERMANENT SEEDING
	PROFILE FLOW
	RIPRAP, CLASS II
	RIPRAP, CLASS I
	SEDIMENT BARRIER
	SURFACE FLOW
	TEMPORARY CHECK DAM
	WATERS OF THE U.S.
	WETLAND

PLAN LEGEND

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES
 DRAWN BY: N. PURVES

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

EROSION SEDIMENT CONTROL PLAN

PROJECT DESIGNATION
EBL-0932(51)

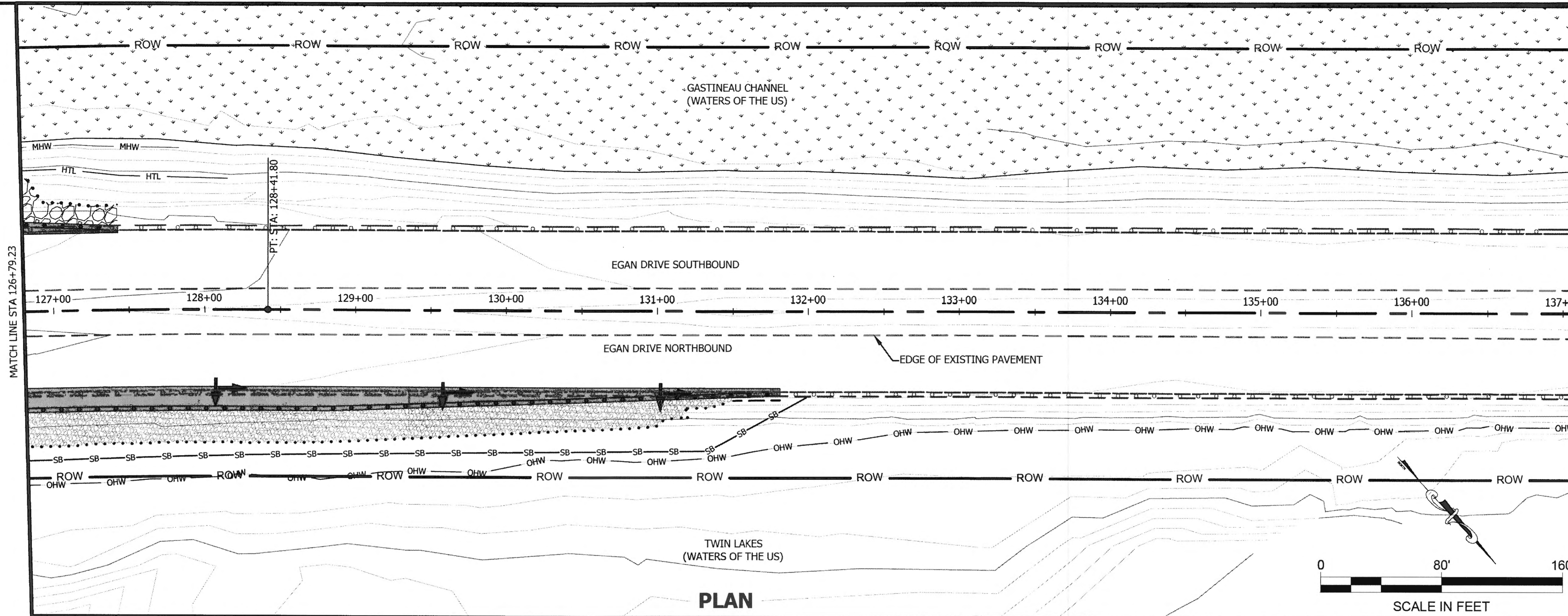
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
P1	51

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PURVES, NATHAN A (DOT)
 TAB: P2 Monday, September 28, 2015 9:56:17 AM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



LEGEND	
	DITCH CENTERLINE
	EARTH DISTURBANCE
	HIGH TIDE LINE
	LIMITS OF FILL
	LIMITS OF CUT
	MEAN HIGH WATER
	ORDINARY HIGH WATER
	PERMANENT SEEDING
	PROFILE FLOW
	RIPRAP, CLASS II
	RIPRAP, CLASS I
	SEDIMENT BARRIER
	SURFACE FLOW
	TEMPORARY CHECK DAM
	WATERS OF THE U.S.
	WETLAND

PLAN LEGEND

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

EROSION SEDIMENT CONTROL PLAN

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
P2	51

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

TRAFFIC CONTROL NOTES

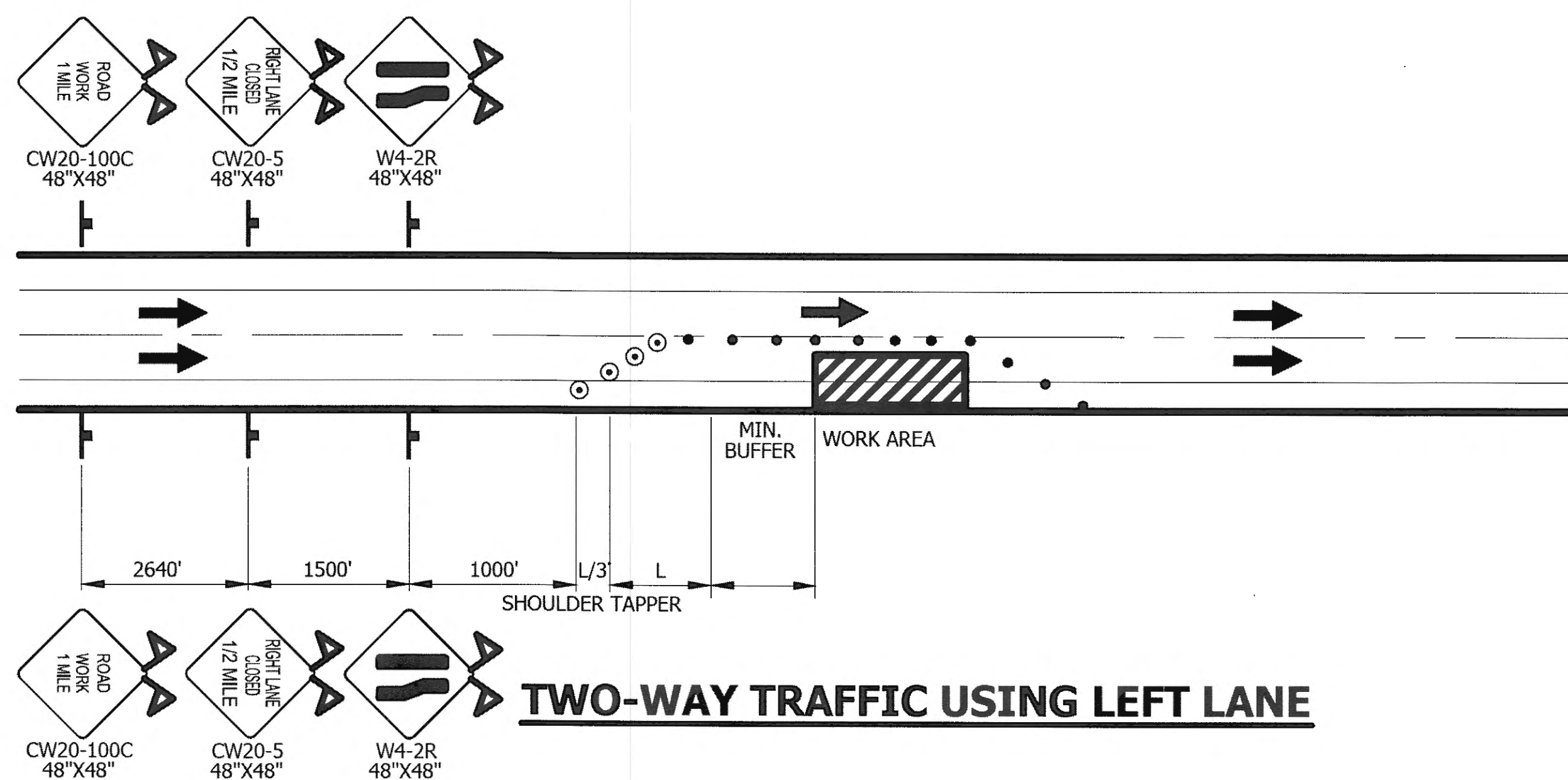
- IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATIONS NOT COVERED BY THIS TCP SHALL BE DEVELOPED AND SUBMITTED FOR APPROVAL PRIOR TO USE. THE TCP SHALL COMPLY WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AND ALASKA TRAFFIC MANUAL.
- KEEP THE PUBLIC INFORMED OF CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES MUST BE APPROVED PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, CHANGES IN THE LANE CONFIGURATIONS, CHANGES IN TRAFFIC ROUTES, OR PAVING. PROVIDE THE ESTIMATED DURATION OF THE CONSTRUCTION ACTIVITY.
- ACCESS TO BUSINESSES WILL BE MAINTAINED AT ALL TIMES.
- NO FLAGGING WILL BE PERFORMED ON EGAN DRIVE.

PHASE I

- PHASE I WILL PERFORM THE NECESSARY MEDIAN PAVING FOR PHASE II.
- A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, THROUGH ALL WORK AREAS.
- TWO LANES IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES IN NON-WORK AREAS AND DURING NON- WORK HOURS.
- TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 11'.
- WORK ZONE DOUBLE TRAFFIC FINES SIGNS SHALL BE USED AS DIRECTED BY THE ENGINEER AND PER STANDARD DRAWING C-04.12.
- THE LENGTH OF WORK AREA SHALL BE MINIMIZED TO AVOID EXCESSIVE TRAFFIC DELAYS PER SPECIFICATION 643-3.08.
- MAX. CONE OR DRUM SPACING SHALL NOT EXCEED 45' ON TAPERS OR 90' ON TANGENTS.
- TWO LANE TRAFFIC SHALL BE MAINTAINED ON THE EGAN DR. SOUTHBOUND LANES BETWEEN 7:00 AM AND 9:00 AM AND BETWEEN 3:00 PM AND 6:00 PM FOR EGAN DR. NORTH BOUND LANES.
- SEE DETAILS ON SHEET E2 FOR PHASE ONE MEDIAN PAVING.

PHASE VI

- PHASE VI WILL PERFORM THE NECESSARY MEDIAN RECLAMATION FOR FINAL PHASE OF CONSTRUCTION AS DIRECTED IN PROJECT #68129 EGAN DRIVE PAVEMENT REHABILITATION FOR FINAL LIFT PAVING.
- A MINIMUM OF ONE LANE IN EACH DIRECTION BE MAINTAINED AT ALL TIMES, THROUGH ALL WORK AREAS.
- TWO LANES IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES IN NON-WORK AREAS AND DURING NON- WORK HOURS.
- TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 11'.
- WORK ZONE DOUBLE TRAFFIC FINES SIGNS SHALL BE USED AS DIRECTED BY THE ENGINEER AND PER STANDARD DRAWING C-04.12.
- THE LENGTH OF WORK AREA SHALL BE MINIMIZED TO AVOID EXCESSIVE TRAFFIC DELAYS PER SPECIFICATION 643-3.08.
- MAX. CONE OR DRUM SPACING SHALL NOT EXCEED 45' ON TAPERS OR 90' ON TANGENTS.
- TWO LANE TRAFFIC SHALL BE MAINTAINED ON THE EGAN DR. SOUTHBOUND LANES BETWEEN 7:00 AM AND 9:00 AM AND BETWEEN 3:00 PM AND 6:00 PM FOR EGAN DR. NORTH BOUND LANES.
- SEE DETAILS ON SHEET E2 FOR PHASE FOUR MEDIAN RECLAMATION.

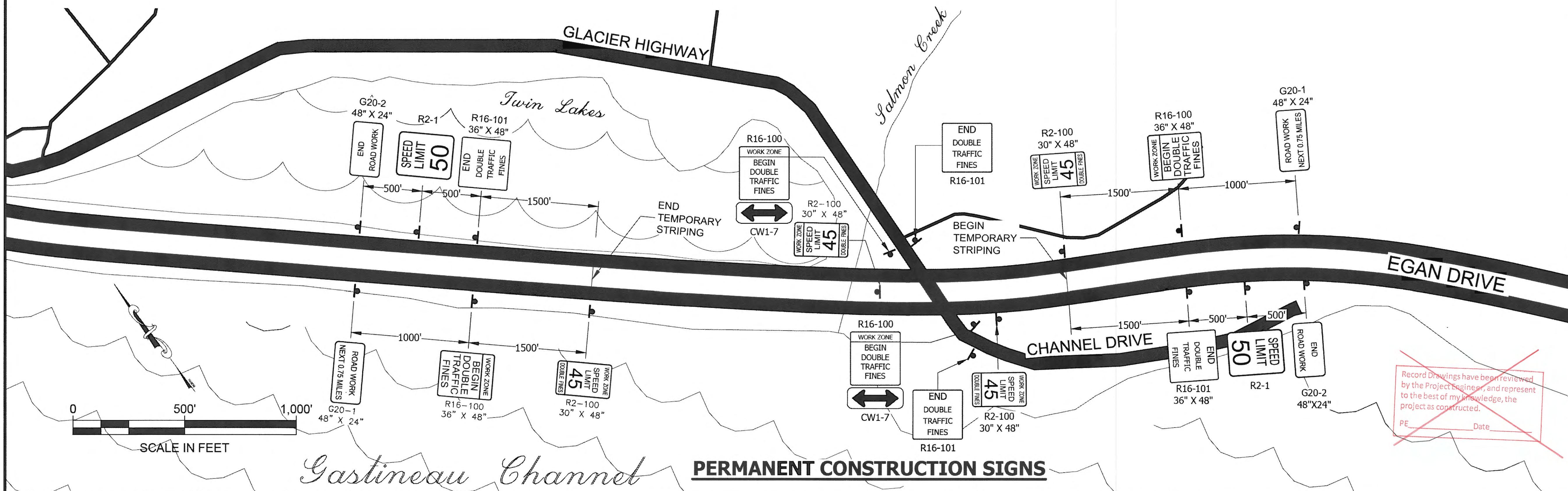


TWO-WAY TRAFFIC USING LEFT LANE

SPEED (MPH)	MIN MERGING TAPER LENGTH (L) IN FEET			MIN NUMBER OF DEVICES WIDTH OF OFFSET (W) IN FEET			MAX DEVICE SPACING IN FEET		BUFFER SPACE (FT)
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	
	25 OR BELOW	105	115	125	6	6	6	25	
30	150	165	180	6	7	7	30	60	200
35	205	225	245	7	8	8	35	70	250
40	270	295	320	8	9	9	40	80	305
45	450	495	540	11	12	13	45	90	360
50	500	550	600	11	12	13	50	100	425
55	550	605	660	11	12	13	55	110	495
60	600	660	720	11	12	13	60	120	570

LEGEND

- SIGN
- CONE
- DRUM



PERMANENT CONSTRUCTION SIGNS

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES
DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

TRAFFIC CONTROL PLAN PHASE I&VI

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
T1	51

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

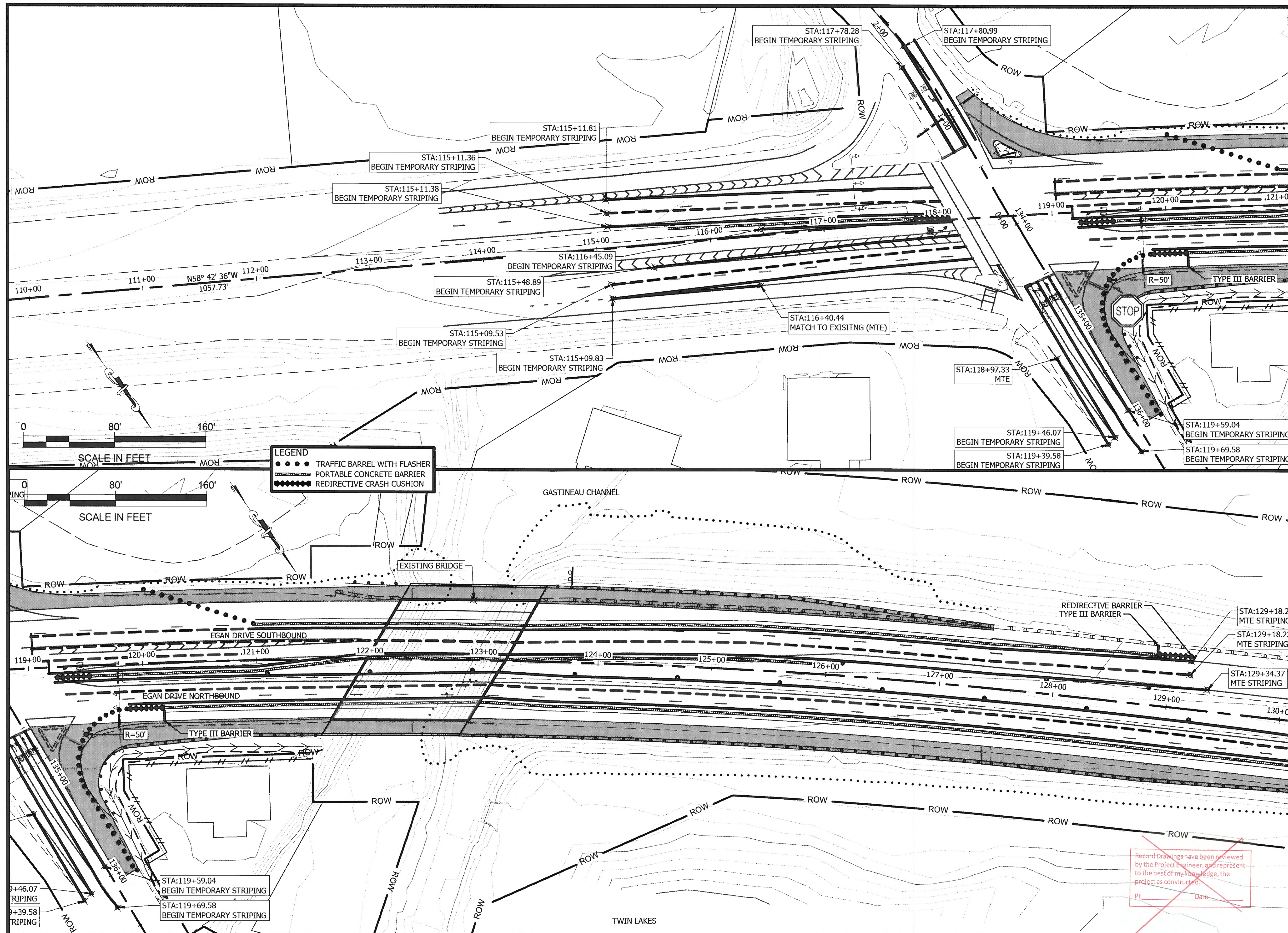
PURVES, NATHAN A (DOT)
TAB: T2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

TRAFFIC CONTROL PLAN PHASE II

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
T2	51

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

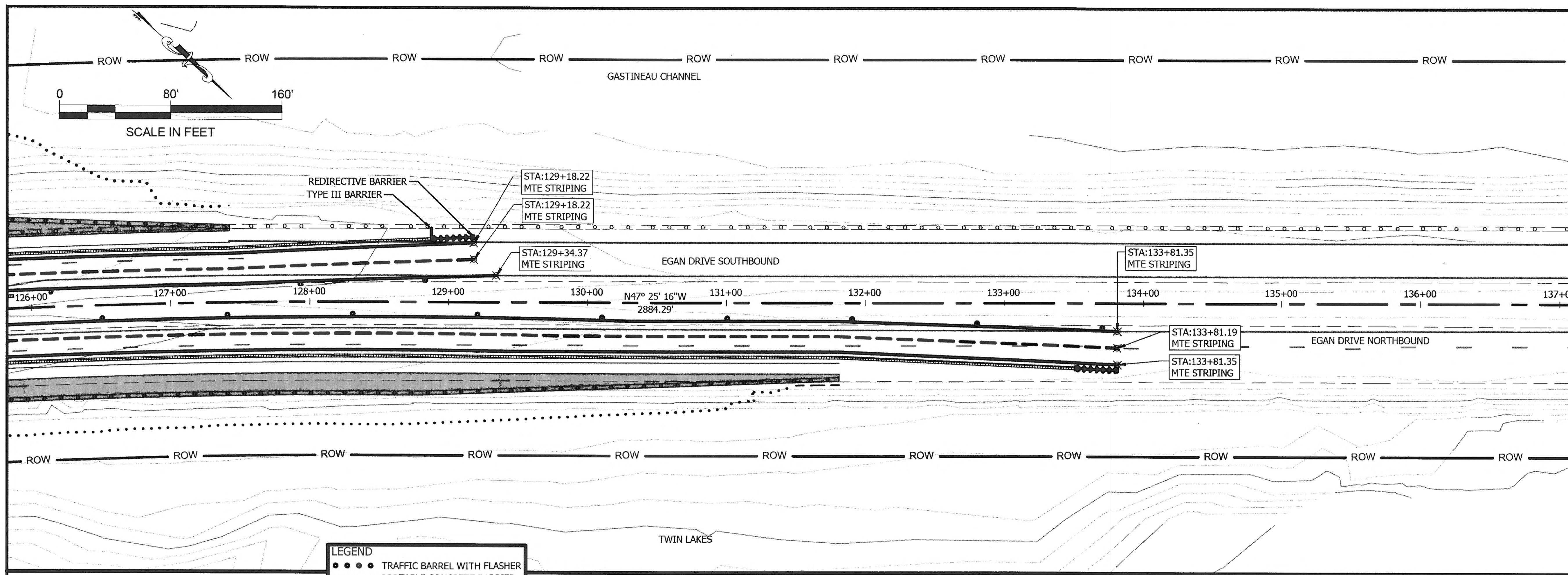
PURVES, NATHAN A (DOT)
TAB: T3

ADDENDUM NUMBER

ATTACHMENT NUMBER

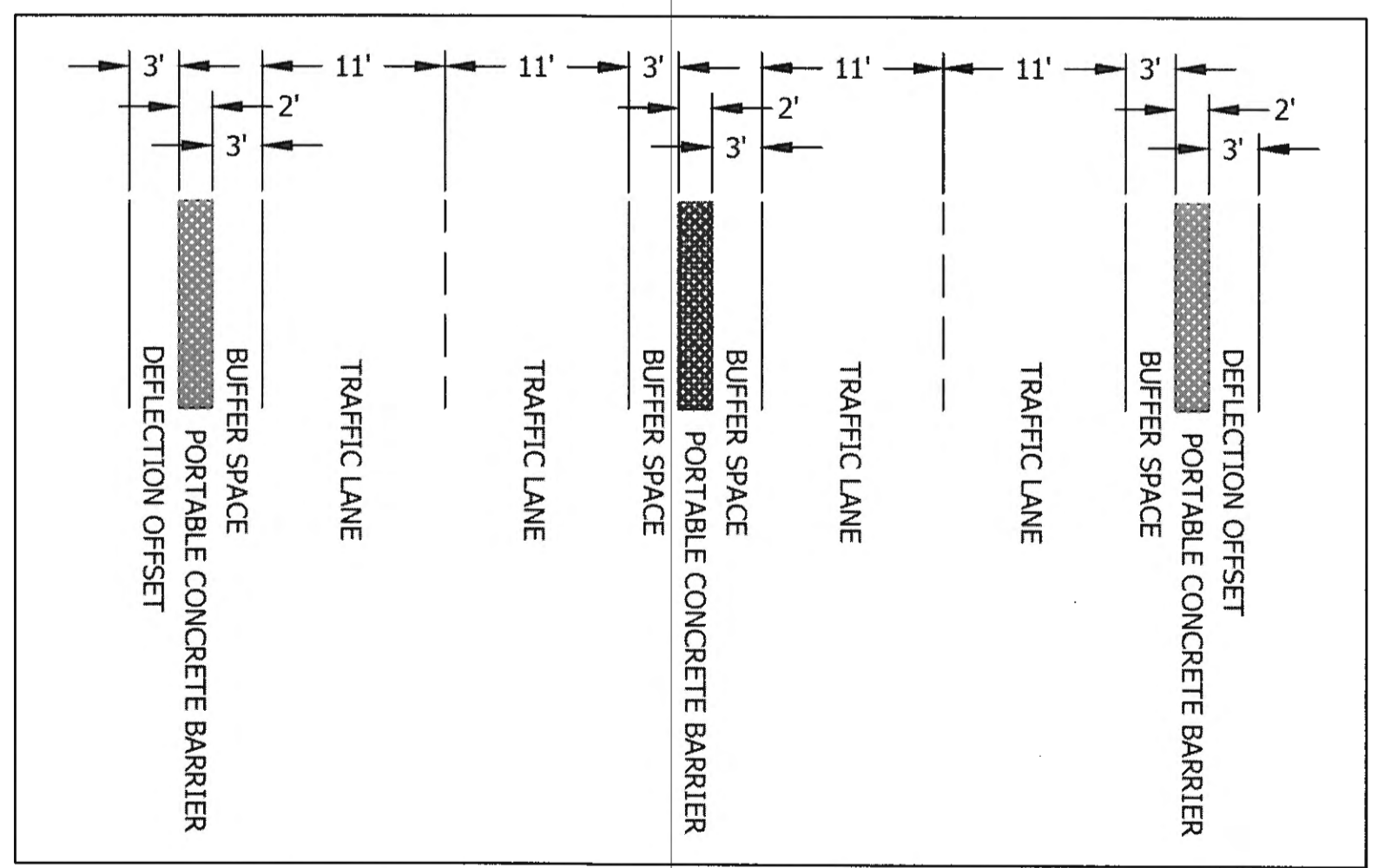
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PHASE II

- BRIDGE WIDENING AND THE MAJORITY OF ACCELERATION AND DECELERATION LANE CONSTRUCTION WILL BE COMPLETED DURING THIS PHASE.
- ALL THROUGH LANES OF TRAFFIC WILL REMAIN OPEN ON EGAN DRIVE IN BOTH DIRECTIONS OF TRAVEL, AND ALL EXISTING TURNING MOVEMENTS AT THE SALMON CREEK INTERSECTION WILL BE PERMITTED.
- CONTRACTOR WILL OBLITERATE PAVEMENT MARKINGS AND RESTRIPE PER TEMPORARY PAVEMENT STRIPING.
- TAPER BETWEEN LONGITUDINAL TEMPORARY STRIPING AT TRANSITIONS AT MAX OF 25:1.
- GIVE DOT TRAFFIC DEPARTMENT THREE DAYS NOTICE BEFORE REDIRECTING TRAFFIC PATTERNS THROUGH SALMON CREEK INTERSECTION.
- AFTER BRIDGE TAPER OUT TO 8' OFFSET FROM EDGE OF WORK.
- 20' CONSTRUCTION CLEAR ZONE.
- PORTABLE CONCRETE BARRIERS SHALL BE PINNED
- PORTABLE CONCRETE BARRIERS SHALL TERMINATE WITH REDIRECTIVE CRASH CUSHIONS MEETING MASH TEST LEVEL THREE OR NCHRP 350.
- CRASH CUSHIONS ARE NOT NEEDED OUTSIDE OF THE CLEAR ZONE.
- ALL TEMPORARY CONSTRUCTION BARRIERS SHALL BE IN PLACE BEFORE GUARDRAIL IS REMOVED.



PHASE II PROPOSED MINIMUM WIDTH TRAFFIC PLAN

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

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

TRAFFIC CONTROL PLAN PHASE II

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
T3	51

PURVES, NATHAN A (DOT)
TAB: T5

ADDENDUM NUMBER

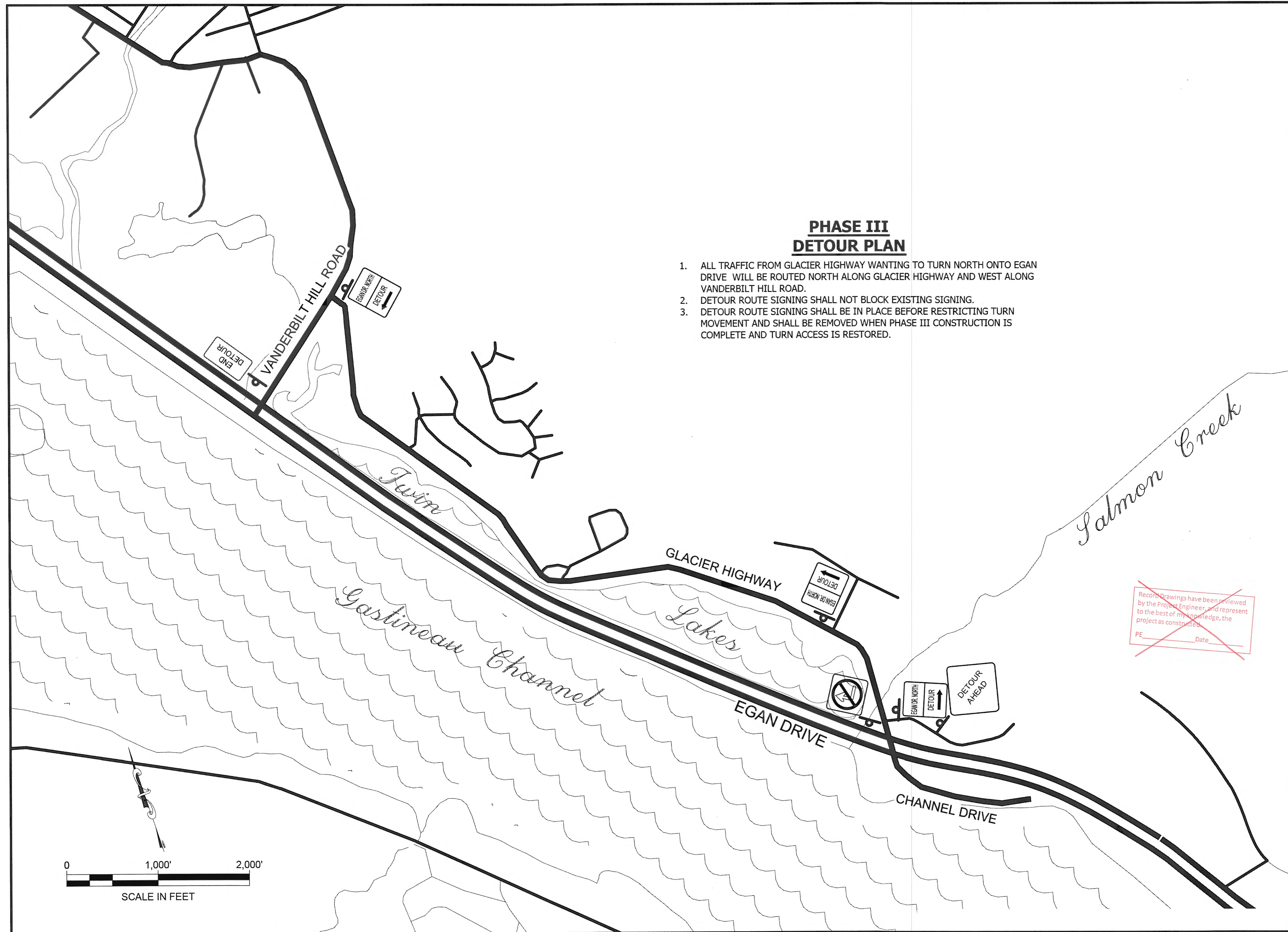
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PHASE III DETOUR PLAN

1. ALL TRAFFIC FROM GLACIER HIGHWAY WANTING TO TURN NORTH ONTO EGAN DRIVE WILL BE ROUTED NORTH ALONG GLACIER HIGHWAY AND WEST ALONG VANDERBILT HILL ROAD.
2. DETOUR ROUTE SIGNING SHALL NOT BLOCK EXISTING SIGNING.
3. DETOUR ROUTE SIGNING SHALL BE IN PLACE BEFORE RESTRICTING TURN MOVEMENT AND SHALL BE REMOVED WHEN PHASE III CONSTRUCTION IS COMPLETE AND TURN ACCESS IS RESTORED.



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

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

PHASE III DETOUR LAYOUT PLAN

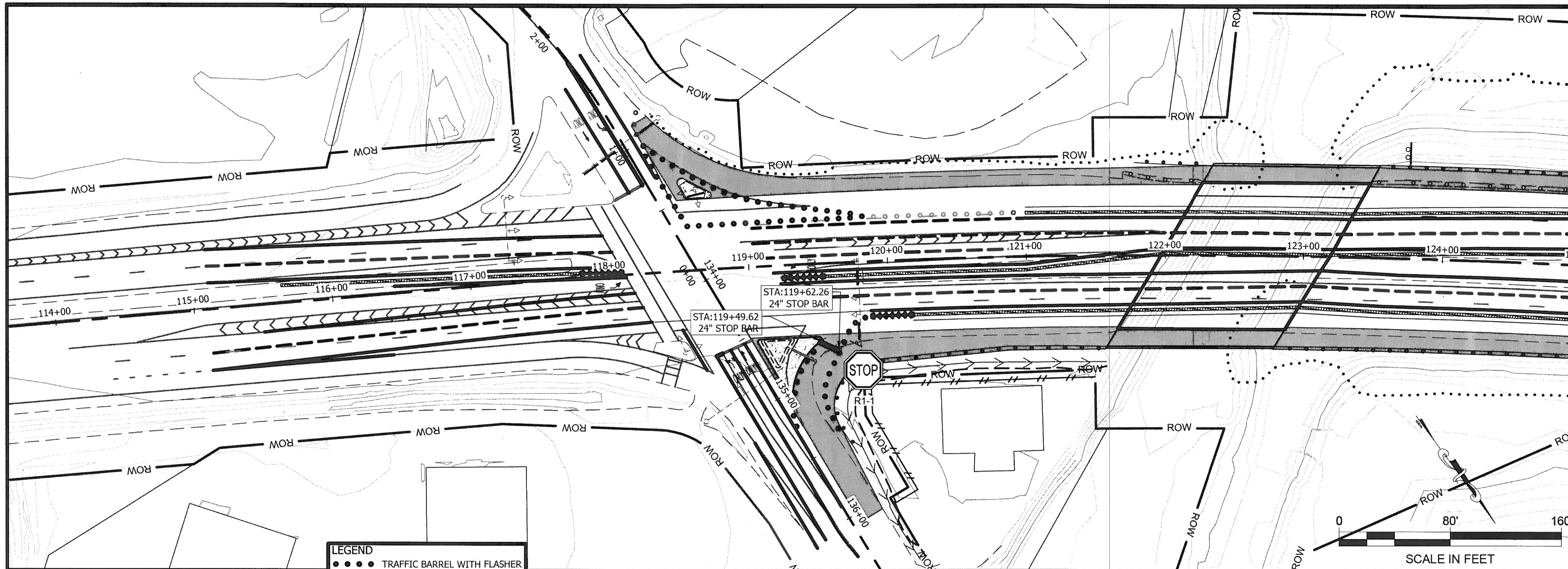
PROJECT DESIGNATION

EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
T5	51

T5	51
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LEGEND	
●●●●	TRAFFIC BARREL WITH FLASHER
○ ○ ○ ○	TRAFFIC BARREL TO BE REMOVED DURING THE DAY
▬▬▬▬	PORTABLE CONCRETE BARRIER
●●●●●●	REDIRECTIVE CRASH CUSHION

PHASE IV

1. THE TRAFFIC ISLAND AT THE INTERSECTION OF EGAN SOUTHBOUND AND CHANNEL DRIVE WILL BE OBLITERATED AND RECONSTRUCTION WILL BE COMPLETED DURING THIS PHASE.
2. WORK SHALL OCCUR AT NIGHT. DURING THE DAY TRAFFIC CONTROL SHALL BE IN PLACE TO ALLOW RIGHT TURN MOVEMENT FROM EGAN SOUTH TO CHANNEL DRIVE.
3. DETOUR ROUTE SIGNING SHALL BE IN PLACE PER SHEET T8 BEFORE BEGINNING CONSTRUCTION ACTIVITIES.

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

PE _____ Date _____

PATH: Q:\JNU\67595\PLANSET\2015\67595_T_TRAFFIC CONTROL PLAN.DWG

PURVES, NATHAN A (DOT)
TAB: T6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

TRAFFIC CONTROL PLAN PHASE IV

PROJECT DESIGNATION

EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
T6	51

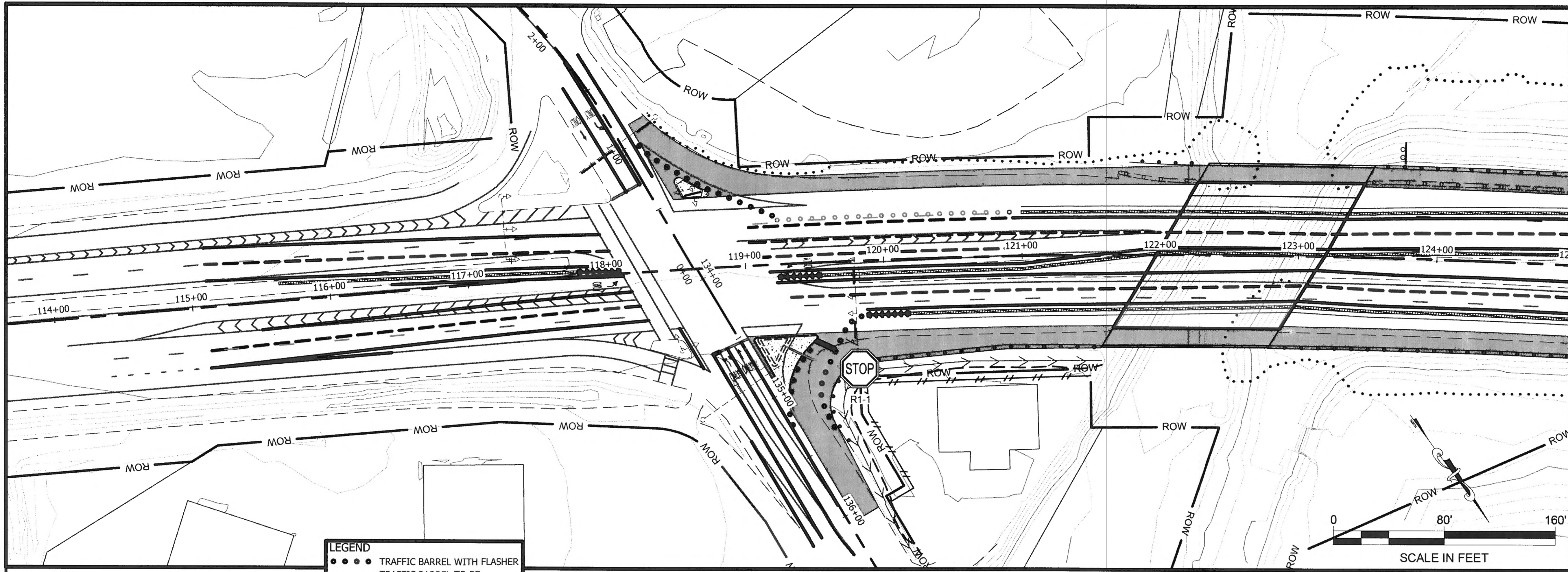
PURVES, NATHAN A (DOT)
TAB: T7

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



LEGEND	
●●●●	TRAFFIC BARREL WITH FLASHER
○ ○ ○ ○	TRAFFIC BARREL TO BE REMOVED DURING THE DAY
▬▬▬▬	PORTABLE CONCRETE BARRIER
●●●●●●	REDIRECTIVE CRASH CUSHION

PHASE V

1. SOUTH BOUND TURN LANE CONSTRUCTION WILL BE COMPLETED DURING THIS PHASE.
2. WORK SHALL OCCUR AT NIGHT. DURING THE DAY TRAFFIC CONTROL SHALL BE IN PLACE TO ALLOW RIGHT TURN MOVEMENT FROM EGAN SOUTH TO CHANNEL DRIVE.
3. DETOUR ROUTE SIGNING SHALL BE IN PLACE PER SHEET T8 BEFORE BEGINNING CONSTRUCTION ACTIVITIES.

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

PE _____ Date _____

CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES

DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

TRAFFIC CONTROL PLAN PHASE V

PROJECT DESIGNATION

EBL-0932(51)

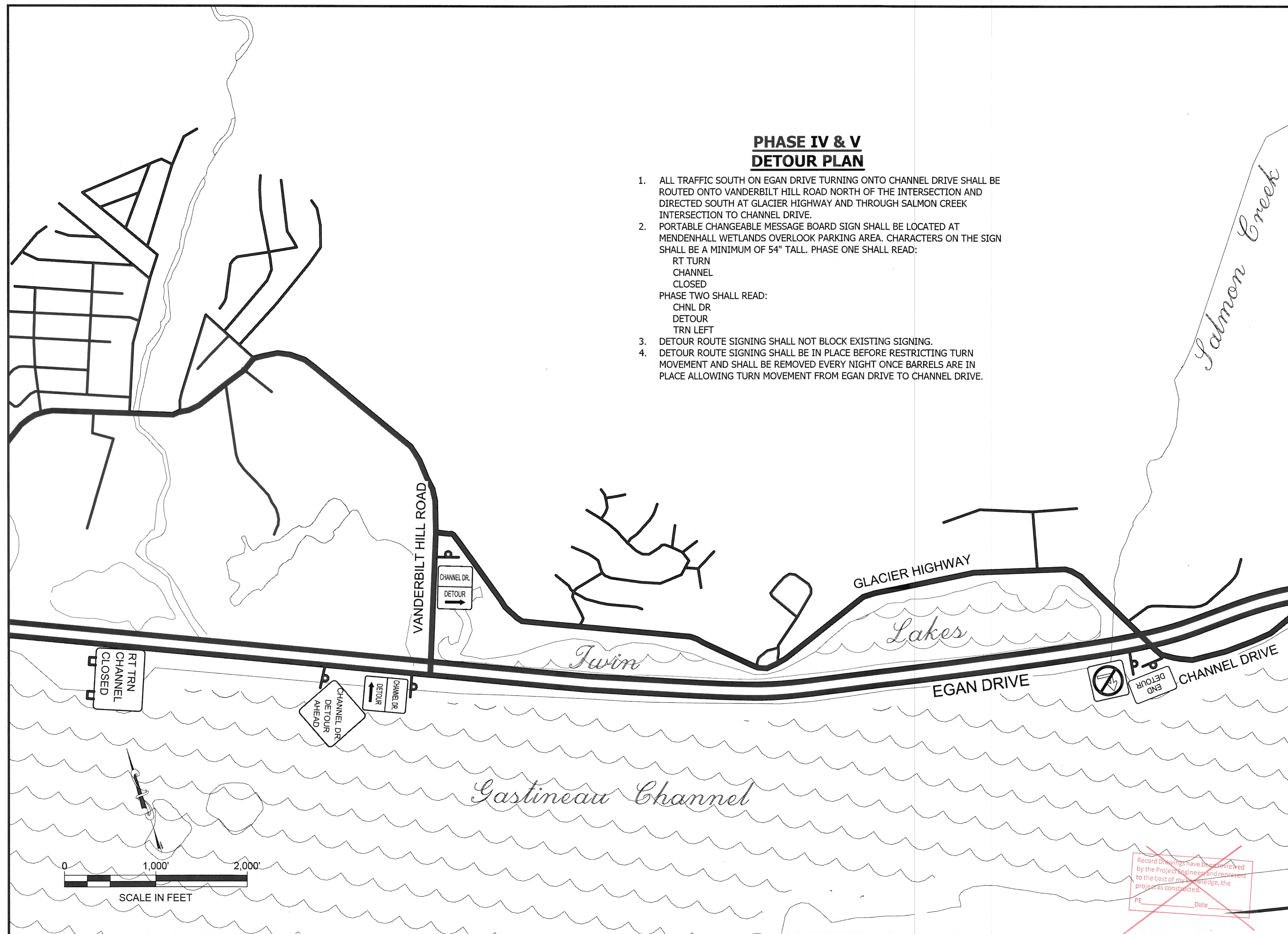
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
T7	51

PURVES, NATHAN A (DOT)
TAB: T8

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

PHASE IV & V DETOUR PLAN

- ALL TRAFFIC SOUTH ON EGAN DRIVE TURNING ONTO CHANNEL DRIVE SHALL BE ROUTED ONTO VANDERBILT HILL ROAD NORTH OF THE INTERSECTION AND DIRECTED SOUTH AT GLACIER HIGHWAY AND THROUGH SALMON CREEK INTERSECTION TO CHANNEL DRIVE.
- PORTABLE CHANGEABLE MESSAGE BOARD SIGN SHALL BE LOCATED AT MENDENHALL WETLANDS OVERLOOK PARKING AREA. CHARACTERS ON THE SIGN SHALL BE A MINIMUM OF 54" TALL. PHASE ONE SHALL READ:
RT TURN
CHANNEL
CLOSED
PHASE TWO SHALL READ:
CHNL DR
DETOUR
TRN LEFT
- DETOUR ROUTE SIGNING SHALL NOT BLOCK EXISTING SIGNING.
- DETOUR ROUTE SIGNING SHALL BE IN PLACE BEFORE RESTRICTING TURN MOVEMENT AND SHALL BE REMOVED EVERY NIGHT ONCE BARRELS ARE IN PLACE ALLOWING TURN MOVEMENT FROM EGAN DRIVE TO CHANNEL DRIVE.



CHECKED BY: C. GOINS

DESIGNED BY: N. PURVES
DRAWN BY: N. PURVES

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595
**PHASE IV & V
DETOUR LAYOUT
PLAN**

PROJECT DESIGNATION	
EBL-0932(51)	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
T8	51

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

660 (13)

RELOCATE ELECTROLIER - BASIS OF ESTIMATE

ITEM	DESCRIPTION	RELOCATE	NEW	QUANTITY	UNIT	REMARKS
1.	ELECTROLIER POLE -- MAST ARM TYPE	X		8	EA	SEE NOTE 1
2.	LUMINAIRE MAST ARM		X	1	EA	SEE NOTE 2
3.	LUMINAIRE		X	1	EA	SEE NOTE 2
4.	ELECTROLIER FOUNDATION -- DRIVEN PILE		X	8	EA	
5.	DEMOLISH ELECTROLIER FOUNDATION -- DRIVEN PILE			8	EA	
6.	JUNCTION BOX -- TYPE 1A		X	8	EA	
7.	JUNCTION BOX -- TYPE 2		X	0	EA	
8.	JUNCTION BOX -- TYPE 3		X	0	EA	
9.	POLYETHYLENE CONDUIT @ 2 INCH		X	1,805	LF	
10.	GALVANIZED RIGID CONDUIT @ 2 INCH		X	100	LF	
11.	3C#6 AWG		X	2,520	LF	
12.	3C#8 AWG		X	250	LF	SUBSIDIARY

NOTE 1: RELOCATE EXISTING POLE AND LUMINAIRE TO NEW FOUNDATION

NOTE 2: PROVIDE MAST ARM AND LUMINAIRE ON TRAFFIC SIGNAL POLE PROVIDED UNDER PAY ITEM 660 (17).

3

660 (17)

TRAFFIC SIGNAL SYSTEM MODIFICATIONS - BASIS OF ESTIMATE

ITEM	DESCRIPTION	EXISTING	NEW	QUANTITY	UNIT	REMARKS
1.	TEMPORARY TRAFFIC SIGNAL SYSTEM			1	EA	SUBSIDIARY
2.	TRAFFIC CABINET FOUNDATION WITH VAULT		X	1	EA	
3.	TRAFFIC CABINET		X	1	EA	
4.	JUNCTION BOX -- TYPE 1A		X	0	EA	
5.	JUNCTION BOX -- TYPE 2		X	1	EA	
6.	JUNCTION BOX -- TYPE 3		X	2	EA	
7.	GALVANIZED RIGID CONDUIT @ 1-1/4 INCH		X	20	LF	
8.	GALVANIZED RIGID CONDUIT @ 2 INCH		X	70	LF	
9.	GALVANIZED RIGID CONDUIT @ 3 INCH		X	45	LF	
10.	GALVANIZED RIGID CONDUIT @ 3-1/2 INCH		X	460	LF	
11.	2C#14		X	654	LF	
12.	3C#14		X	2265	LF	
13.	4C#14		X	970	LF	
14.	5C#14		X	654	LF	
15.	7C#14		X	4096	LF	
16.	TRAFFIC SIGNAL POLE FOUNDATION		X	1	EA	
17.	TRAFFIC SIGNAL MAST ARM		X	1	EA	
18.	TRAFFIC SIGNAL POLE		X	1	EA	
19.	TRAFFIC SIGNAL HEADS		X	3	EA	
20.	TRAFFIC SIGNAL SYSTEM -- DEMOLISH EXISTING POLE FOUNDATION	X		1	EA	SUBSIDIARY
21.	TRAFFIC SIGNAL SYSTEM CABINET WITH VAULT -- DEMOLISH EXISTING	X		1	EA	SUBSIDIARY
22.	DIRECTIONAL BORE @ 3-1/2 INCH GRC		X	300	LF	
23.	LUMINAIRE MAST ARM		X	1	EA	MAST ARM FOR LUMINAIRE L198 MOUNTED ON TRAFFIC SIGNAL POLE
24.	LUMINAIRE		X	1	EA	LUMINAIRE L198 MOUNTED ON TRAFFIC SIGNAL POLE

ABBREVIATIONS

AEL&P	ALASKA ELECTRIC LIGHT & POWER
AKDOT	ALASKA DEPARTMENT OF TRANSPORTATION
CIDH	CAST-IN-DRILLED-HOLE
ETR	EXISTING TO REMAIN
GRC	GALVANIZED RIGID CONDUIT
IAW	IN ACCORDANCE WITH
LF	LINEAR FOOT
MIN	MINIMUM
PCC	PORTLAND CEMENT CONCRETE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING ELECTROLIER TO BE RE-LOCATED		PEDESTRIAN PUSHBUTTON
	LEFT TURN SIGNAL HEAD		PEDESTRIAN SIGNAL
	THROUGH LANE SIGNAL HEAD		VEHICLE DETECTOR (RADAR)
	TRAFFIC CABINET WITH VAULT		JUNCTION BOX, TYPE 1A
	LOAD CENTER		JUNCTION BOX, TYPE 2
			JUNCTION BOX, TYPE 3
			CONDUIT TAG

3

PATH:

TAB:

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
3	12/15/2015	CLARIFIED BASIS OF ESTIMATES

CHECKED BY: KAC



DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

LEGEND AND SUMMARY SCHEDULES

PROJECT DESIGNATION

EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U1	50

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *She Miller* Date 2/18/20

SHEET NOTES

- | | | | | | |
|---|--|----|--|----|---|
| 1 | RELOCATE ELECTROLIER IN ACCORDANCE WITH SHEET U11. | 6 | UTILITY POLE PROVIDED BY AEL&P FOR REROUTING OF EXISTING OVERHEAD ELECTRICAL UTILITY LINE. | 12 | DEMOLISH EXISTING ELECTROLIER AND PROVIDE ELECTROLIER AT LOCATION INDICATED. |
| 2 | ELECTROLIER CALLOUT. REFER TO SCHEDULES ON SHEET U8 FOR ADDITIONAL INFORMATION. | 7 | OVERHEAD UTILITY LINE PROVIDED BY AEL&P. | 13 | RELOCATE ELECTROLIER TO APPROXIMATE LOCATION INDICATED AND DEMOLISH EXISTING ELECTROLIER FOUNDATION. PROVIDE ELECTROLIER FOUNDATION IN ACCORDANCE WITH SHEET U12. FIELD VERIFY FINAL LOCATION OF ELECTROLIER WITH PROJECT ENGINEER PRIOR TO CONSTRUCTION. |
| 3 | JUNCTION BOX CALLOUT. REFER TO SCHEDULES ON SHEET U8 FOR ADDITIONAL INFORMATION. | 8 | RELOCATE EXISTING ELECTROLIER TO MAINTAIN STATE REQUIRED CLEARANCE FROM PROPOSED OVERHEAD ELECTRICAL UTILITY LINE ROUTING. | 14 | CALL TRAFFIC AND SAFETY A MINIMUM OF THREE(3) DAYS PRIOR TO CONSTRUCTION. JOSH MAHLE - 907-465-8945. |
| 4 | CONDUIT CALLOUT. REFER TO SCHEDULES ON SHEET U8 FOR ADDITIONAL INFORMATION. | 9 | EXISTING UTILITY POLE REMOVED BY AEL&P. | 15 | EXISTING TYPE 1A JUNCTION TO REMAIN TO MAINTAIN POWER TO EXISTING TO REMAIN ELECTROLIER LOCATED APPROXIMATELY 100 FEET TO THE NORTH. |
| 5 | EXISTING OVERHEAD UTILITY LINE REMOVED BY AEL&P | 10 | ADJUST JUNCTION BOXES IN PROJECT AREA LEVEL WITH ROADWAY. | | |

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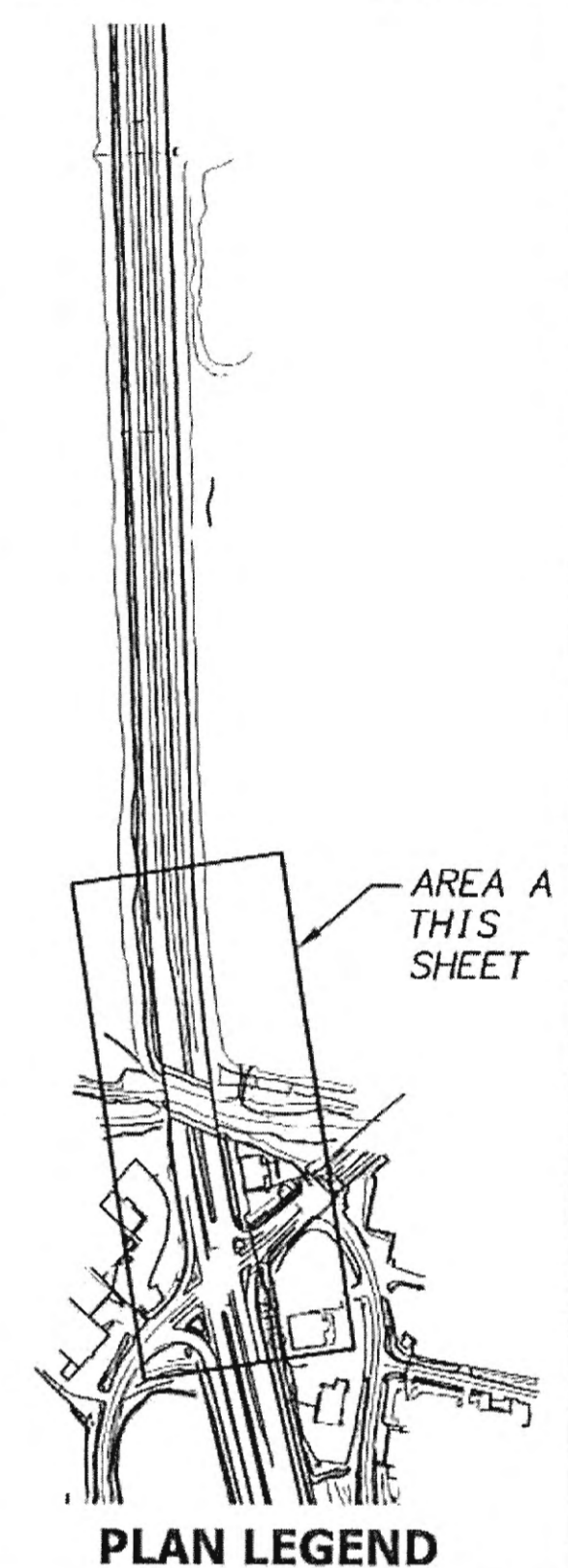
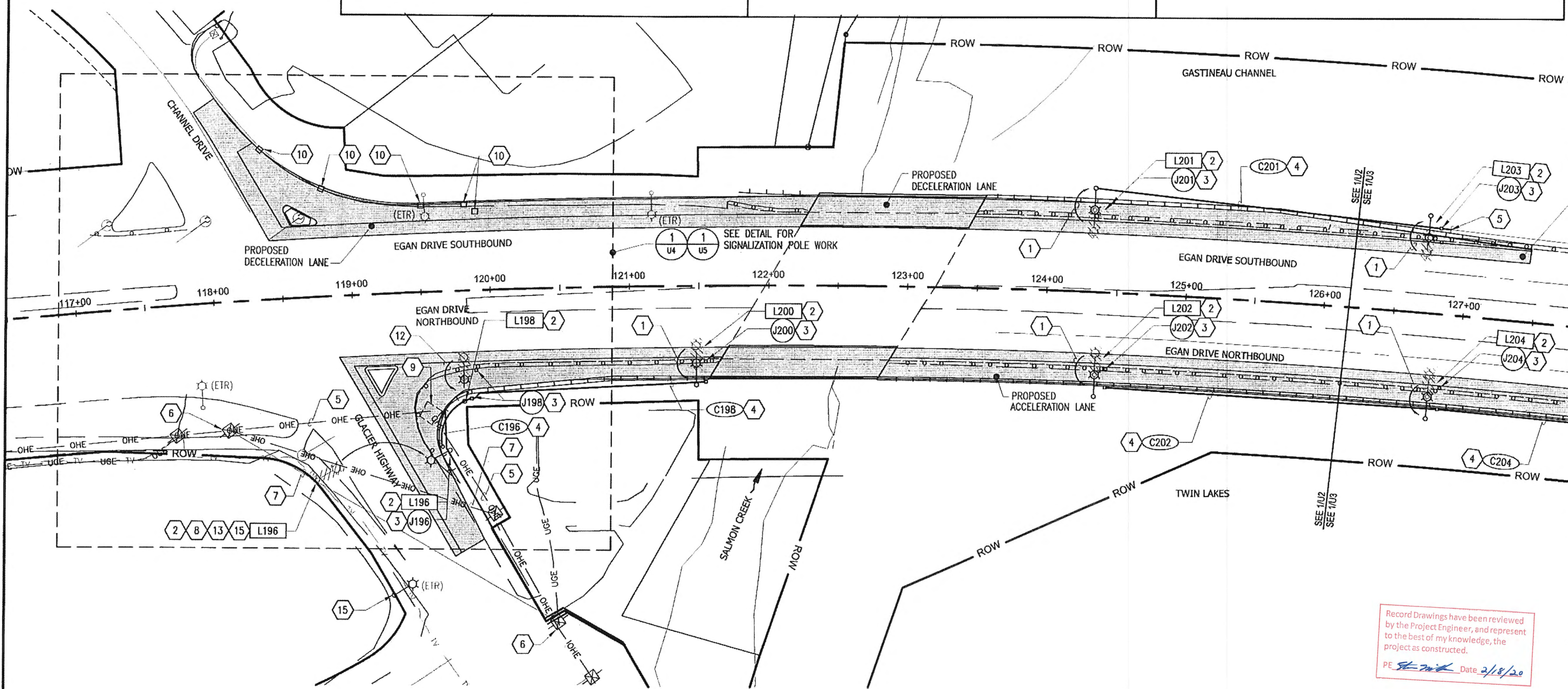
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

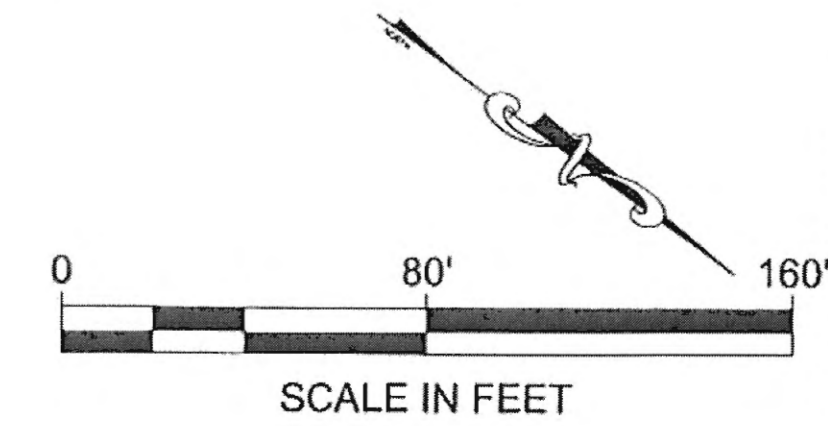
JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

SITE PLAN - ELECTRICAL - AREA A

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U2	50

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date 2/8/20



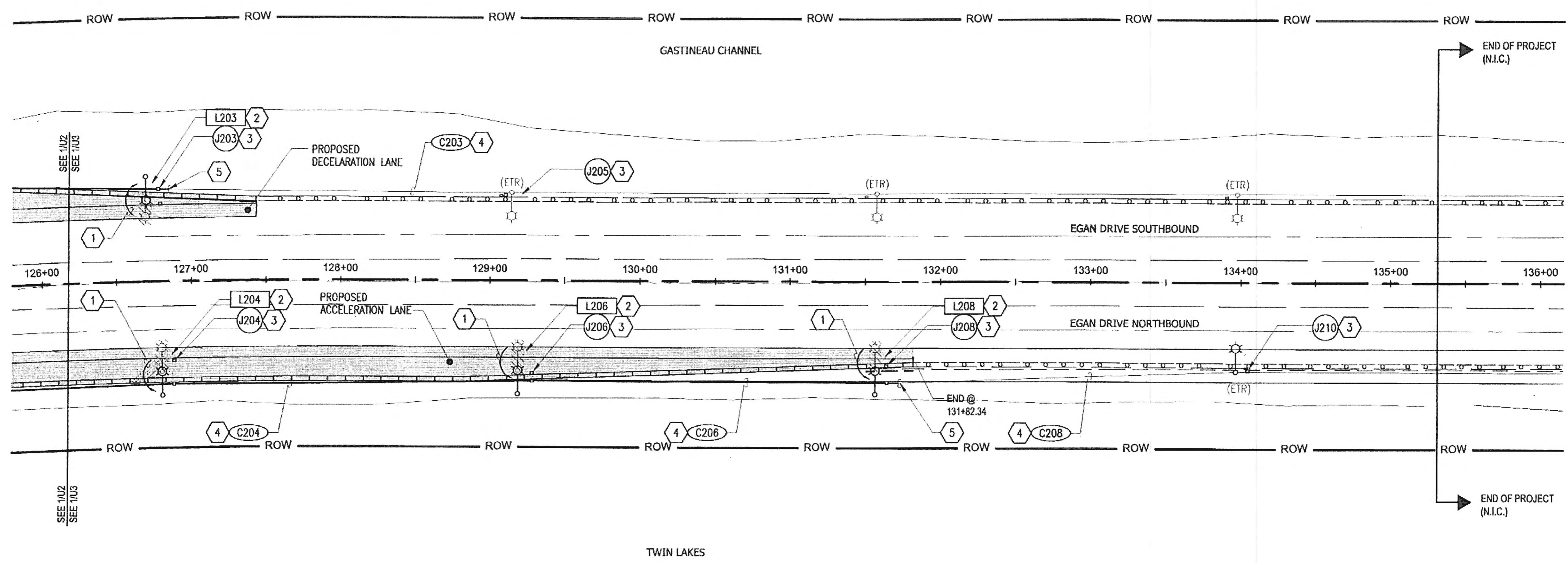
1 SITE PLAN - ELECTRICAL - AREA A

U2 SCALE: 1" = 40'

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 PLOT DATE: 8/11/2015 8:55:50

- ### SHEET NOTES
- 1 RELOCATE ELECTROLIER IN ACCORDANCE WITH SHEET U11.
 - 2 ELECTROLIER CALLOUT. REFER TO SCHEDULES ON SHEET U8 FOR ADDITIONAL INFORMATION.
 - 3 JUNCTION BOX CALLOUT. REFER TO SCHEDULES ON SHEET U8 FOR ADDITIONAL INFORMATION.
 - 4 CONDUIT CALLOUT. REFER TO SCHEDULES ON SHEET U8 FOR ADDITIONAL INFORMATION.
 - 5 INTERCEPT, EXTEND, AND RECONNECT EXISTING CONDUIT TO JUNCTION BOX PROVIDED UNDER THIS PROJECT. PROVIDE CONDUCTORS BETWEEN JUNCTION BOXES IN ACCORDANCE WITH THE SCHEDULES.
 - 6 CALL TRAFFIC AND SAFETY A MINIMUM OF THREE(3) DAYS PRIOR TO CONSTRUCTION. JOSH MAHLE - 907-465-8945.



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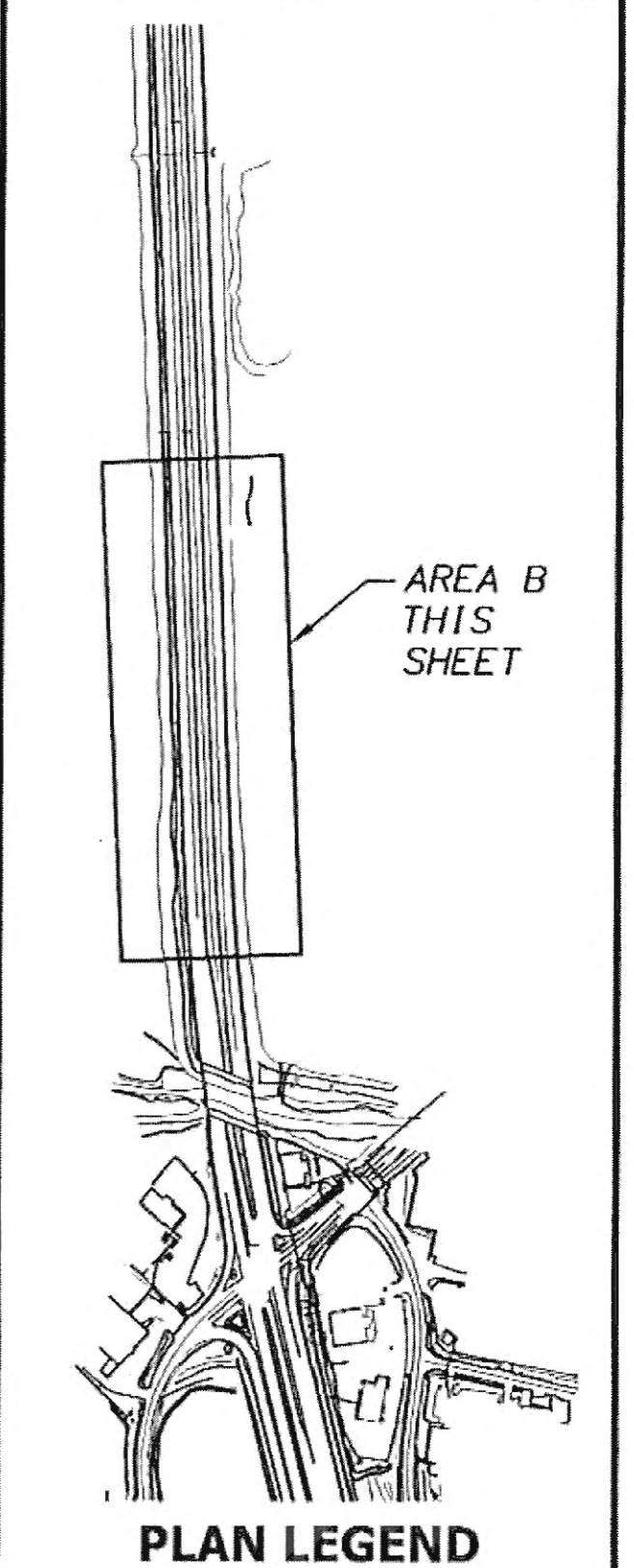
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

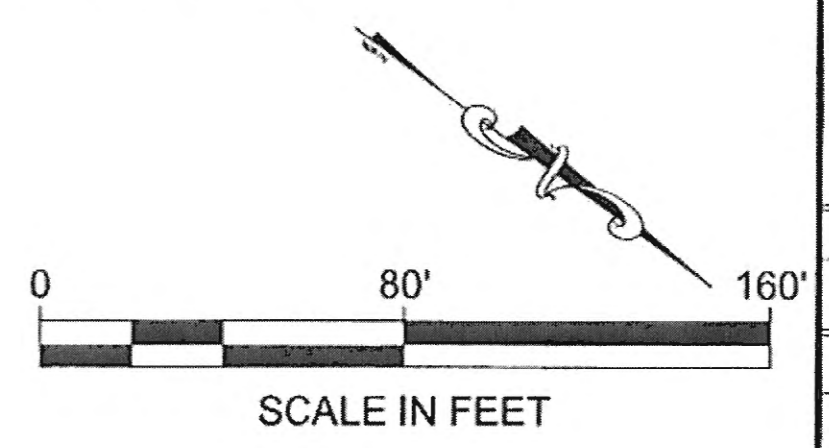
**SITE PLAN - ELECTRICAL
 - AREA B**

PROJECT DESIGNATION
EBL-0932(51)

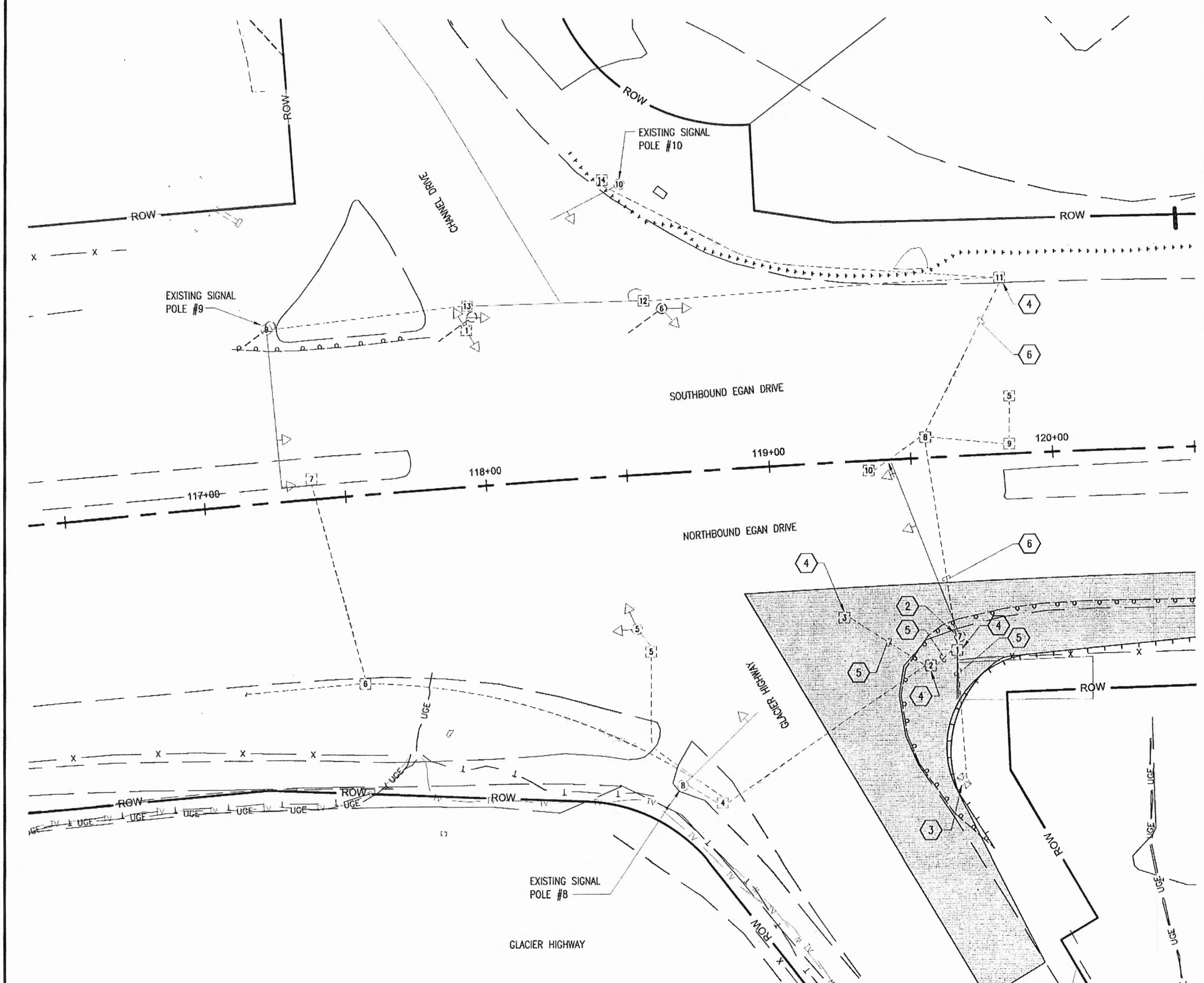
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U3	50

1 SITE PLAN - ELECTRICAL - AREA B
 U3 SCALE: 1" = 40'

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE: *Josh Mahle* Date: 2/18/20



FILE NAME: \\15803\DOTCANS\Drawings\Edmg\Sheet Files\15803 - U4.dwg
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SHEET NOTES

1. DEMOLISH TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOXES, CONDUIT, AND CABLING IN ACCORDANCE WITH SHEETS U4 THROUGH U7.
2. DEMOLISH EXISTING TRAFFIC SIGNALIZATION SYSTEM POLE #7 AND FOUNDATION AND DISPOSE OF AS DIRECTED BY THE PROJECT ENGINEER. REMOVE EXISTING SUBBASE FILL TO A MINIMUM OF 4 FEET BELOW FINISHED GRADE AND REPLACE WITH NEW SUBBASE MATERIAL, GRADING TYPE A IN ACCORDANCE WITH THE SPECIFICATIONS. PROVIDE TRAFFIC SIGNALIZATION SYSTEM POLE IN ACCORDANCE WITH DETAIL 1 ON SHEET U10. PROVIDE MAST ARM IN ACCORDANCE WITH AK DOT STANDARD DETAILS AND THE SPECIFICATIONS.
3. REMOVE EXISTING TRAFFIC CABINET, CABINET FOUNDATION WITH FOUNDATION AND ASSOCIATED POWER/BACKUP UPS CABINET AND SALVAGE TO AK DOT. DEMOLISH EXISTING TRAFFIC CONTROLLER AND POWER/BACKUP UPS CABINET FOUNDATIONS AND DISPOSE OF AS DIRECTED BY THE PROJECT ENGINEER.
4. DEMOLISH EXISTING TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOX.
5. DEMOLISH EXISTING TRAFFIC SIGNALIZATION SYSTEM CONDUIT.
6. ABANDON EXISTING TRAFFIC SIGNALIZATION SYSTEM CONDUIT.
7. CALL TRAFFIC AND SAFETY A MINIMUM OF THREE(3) DAYS PRIOR TO CONSTRUCTION. JOSH MAHLE - 907-465-8945.
8. REFER TO THE EXISTING INTERSECTION WIRING DIAGRAM ON SHEET U6 FOR ADDITIONAL INFORMATION.

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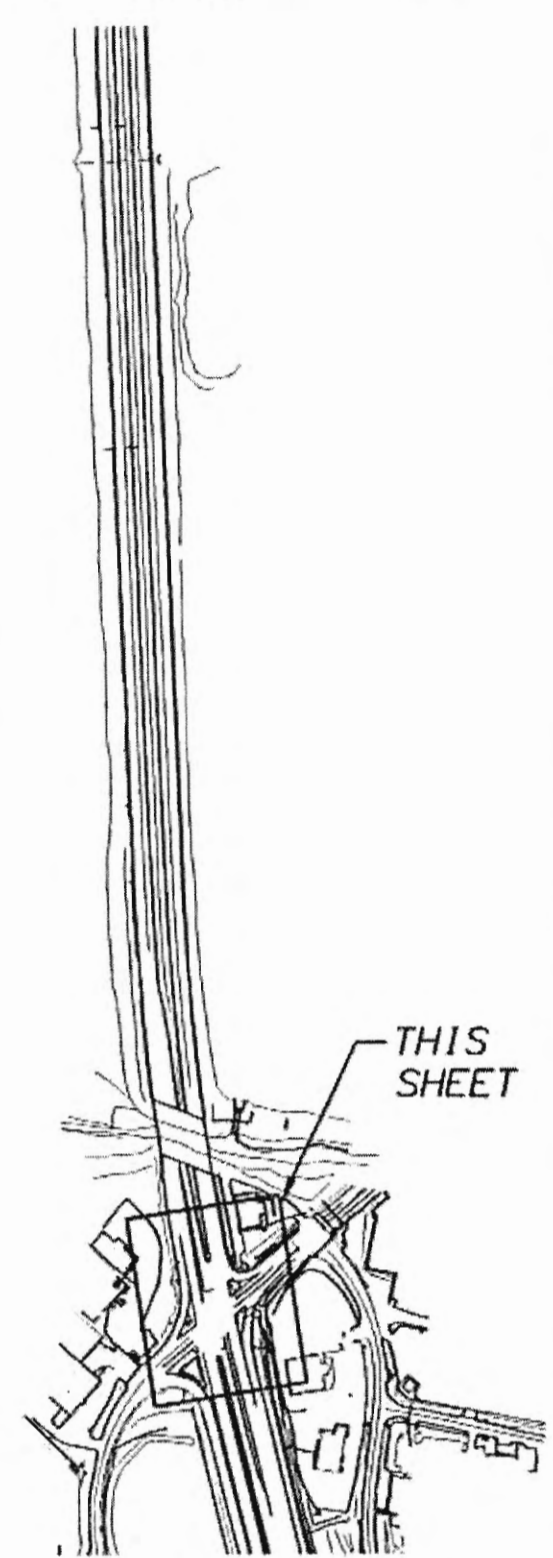
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



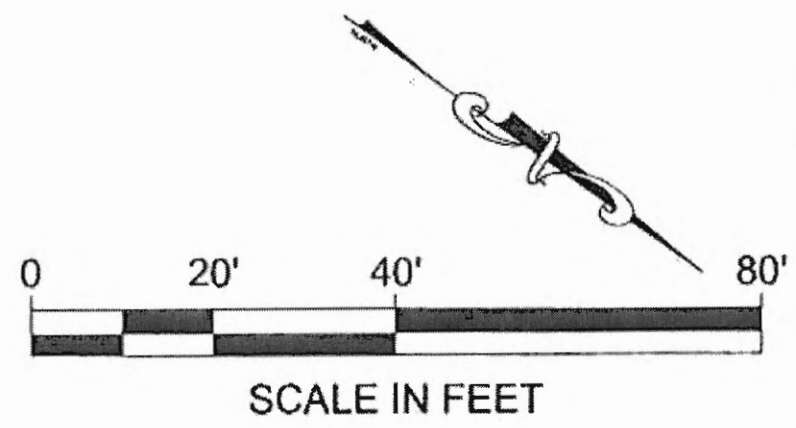
CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

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

PE _____ Date _____



1 ENLARGED SITE PLAN - EGAN DRIVE & SALMON CREEK INTERSECTION - EXISTING ELECTRICAL

U4 SCALE: 1" = 20'

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

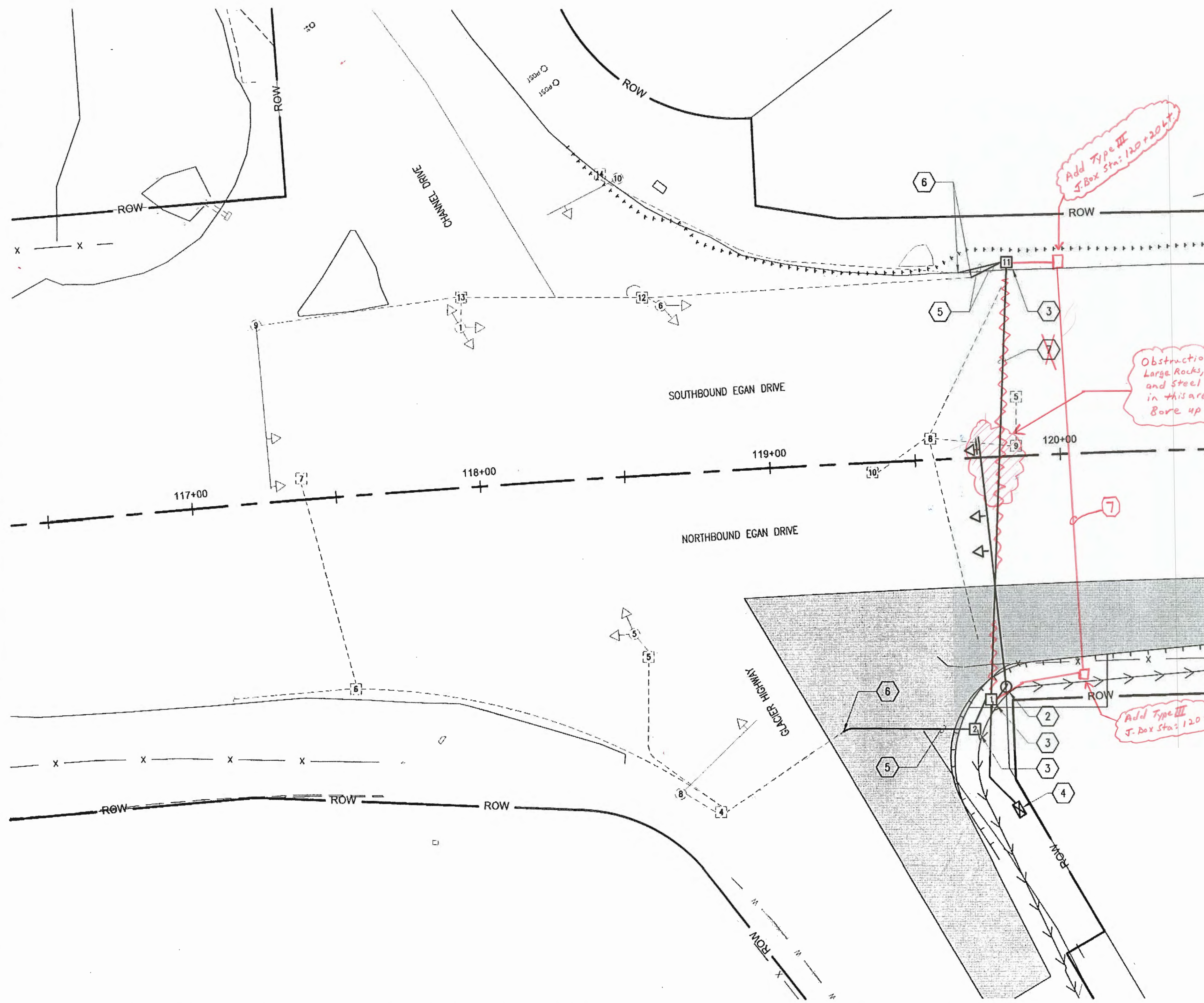
JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

**ENLARGED SITE PLAN -
 EXISTING INTERSECTION
 SIGNALIZATION**

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U4	50

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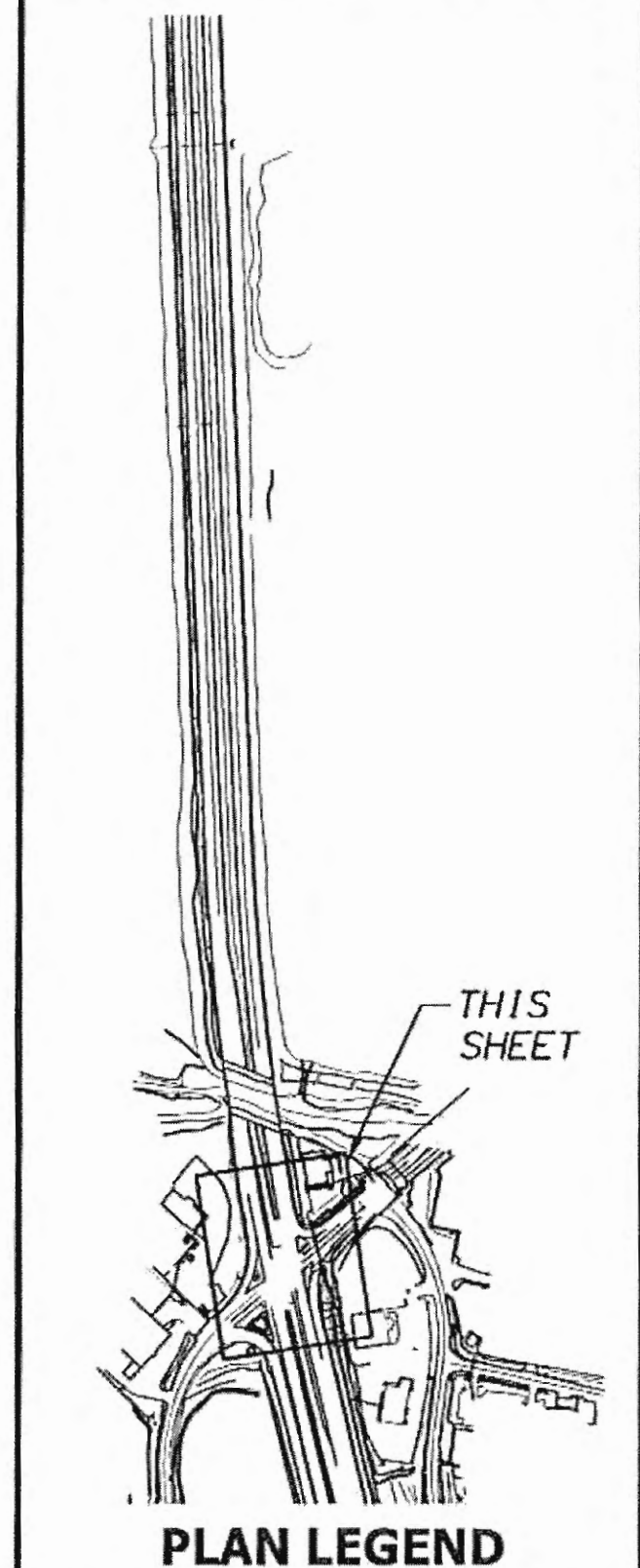


- ### SHEET NOTES
1. PROVIDE TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOXES, CONDUIT, AND CABLING IN ACCORDANCE WITH SHEET U8 AND THE SCHEDULES ON SHEET U9.
 2. PROVIDE TRAFFIC SIGNALIZATION SYSTEM POLE, FOUNDATION, MAST ARM, AND SIGNALIZATION HEADS. PROVIDE NEW SUBBASE MATERIAL, GRADING TYPE A TO A MINIMUM OF 4 FEET BELOW FINISHED GRADE IN ACCORDANCE WITH SHEET E4.
 3. PROVIDE TRAFFIC SIGNALIZATION JUNCTION BOX.
 4. PROVIDE TRAFFIC SIGNALIZATION SYSTEM CONTROLLER AT LOCATION INDICATED IN ACCORDANCE WITH AK DOT STANDARD DRAWINGS AND THE SPECIFICATIONS.
 5. INTERCEPT, EXTEND, AND CONNECT EXISTING TRAFFIC SIGNALIZATION SYSTEM CONDUIT TO TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOX OR DEVICE.
 6. LOCATION OF EXISTING TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOX DEMOLISHED IN ACCORDANCE WITH SHEETS U4 AND U6. INTERCEPT AND EXTEND CONDUIT IN ACCORDANCE WITH SHEET NOTE 5 FROM THIS LOCATION TO INDICATED JUNCTION BOX.
 7. DIRECTIONAL BORE 2@ 3-1/2 INCH CONDUITS FOR THE TRAFFIC SIGNALIZATION SYSTEM BENEATH EGAN DRIVE AS INDICATED.
 8. CALL TRAFFIC AND SAFETY A MINIMUM OF THREE(3) DAYS PRIOR TO CONSTRUCTION. JOSH MAHLE - 907-465-8945.

PATH:

TAB:

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015
 DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

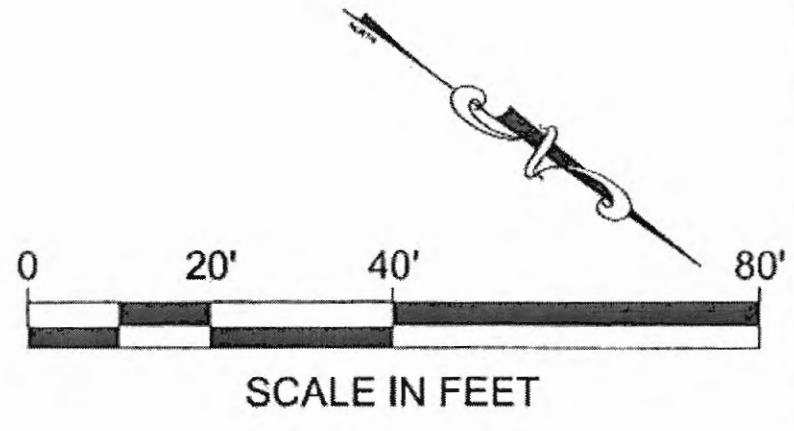
**JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595**

**ENLARGED SITE PLAN -
 REVISED INTERSECTION
 SIGNALIZATION**

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U5	50

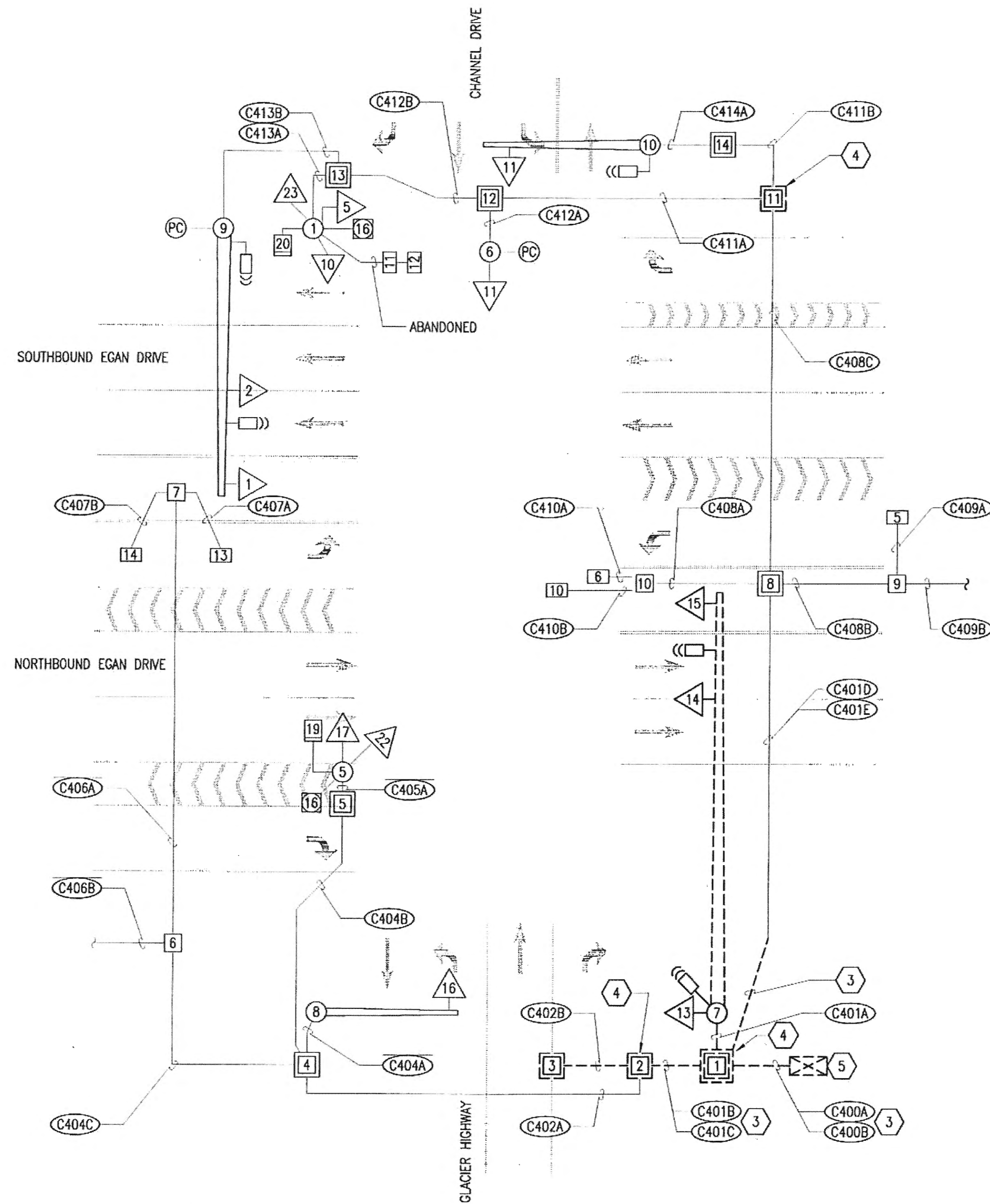
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *St. Mill* Date 2/18/20



1 ENLARGED SITE PLAN - EGAN DRIVE & SALMON CREEK INTERSECTION - REVISED ELECTRICAL

U5 SCALE: 1" = 20'

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1
U6 SCALE: NONE
DIAGRAM - EGAN DRIVE & GLACIER HIGHWAY - EXISTING INTERSECTION WIRING

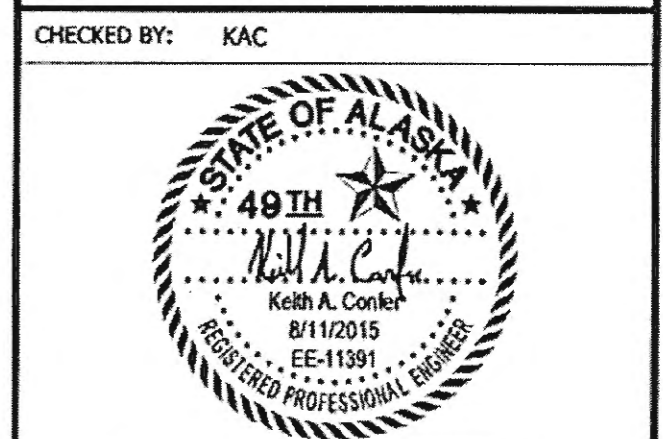
SHEET NOTES

1. DEMOLISH EXISTING TRAFFIC SIGNALIZATION SYSTEM CABLING FROM EXISTING AUTOMATIC TRAFFIC CONTROLLER TO INTERSECTION DEVICES. PROVIDE CABLING FROM TRAFFIC CONTROLLER PROVIDED UNDER THIS CONTRACT TO INTERSECTION DEVICES IN ACCORDANCE WITH SHEET U7 AND THE SCHEDULES ON SHEET U9. REFER TO ENLARGED SITE PLANS ON SHEETS U4 AND U5 FOR ADDITIONAL INFORMATION.
2. DEVICES AND CONDUITS ARE EXISTING TO REMAIN, UON.
3. DEMOLISH EXISTING TRAFFIC SIGNALIZATION SYSTEM CONDUIT(S).
4. DEMOLISH EXISTING TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOX.
5. REMOVE EXISTING TRAFFIC CONTROLLER AND SALVAGE TO AK DOT.
6. CALL TRAFFIC AND SAFETY A MINIMUM OF THREE(3) DAYS PRIOR TO CONSTRUCTION. JOSH MAHLE - 907-465-8945.

PATH:

TAB:

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



DESIGNED BY: KAC/TRC DATE: 8/11/2015
 DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
**JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595**

DIAGRAM - EXISTING INTERSECTION WIRING

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U6	50

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Puh* Date 2/20/20

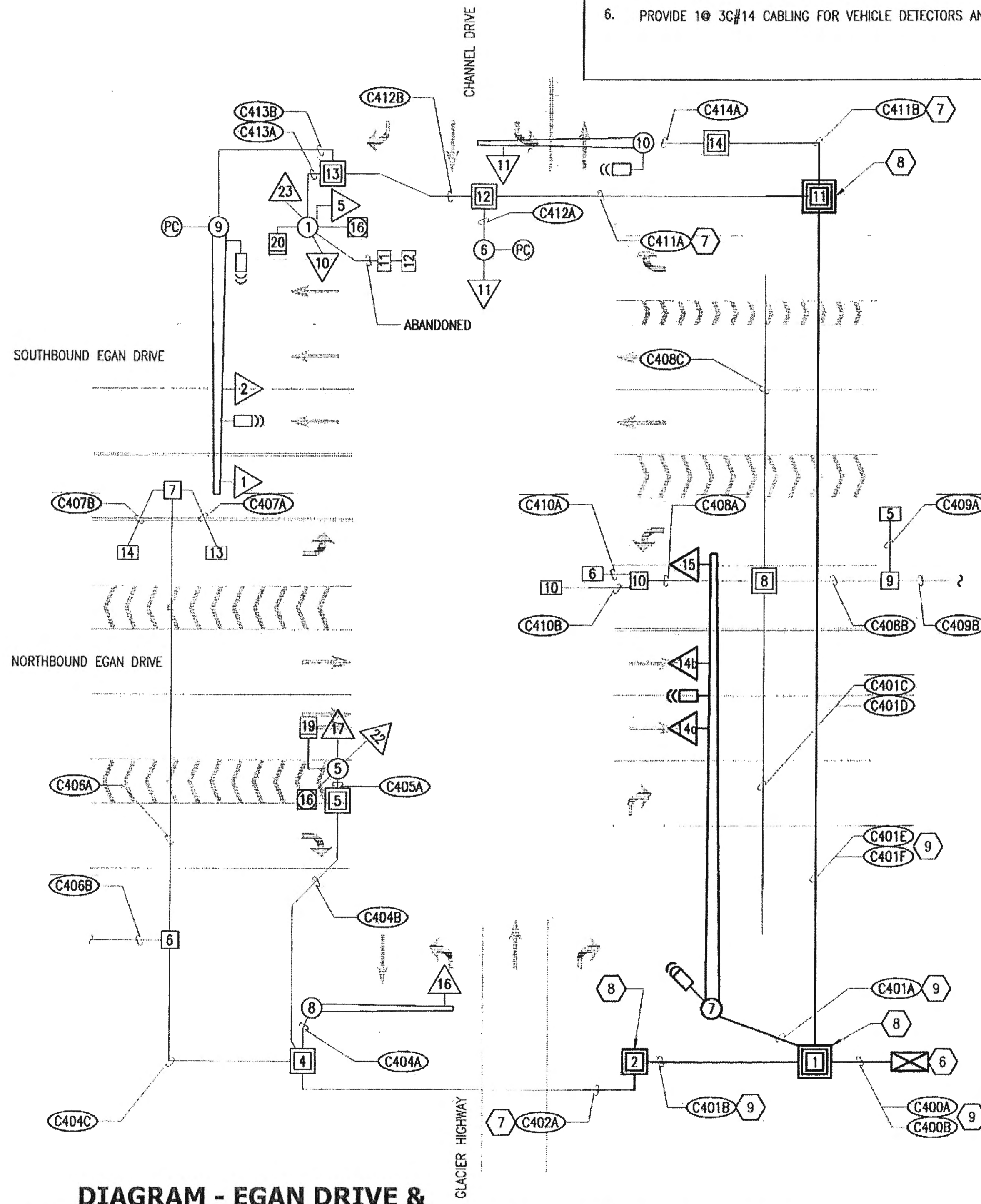
SHEET NOTES

1. PROVIDE CABLING FROM TRAFFIC CONTROLLER PROVIDED UNDER THIS CONTRACT TO INTERSECTION DEVICES AS INDICATED ON THIS SHEET AND IN ACCORDANCE WITH THE SCHEDULES ON SHEET U9. REFER TO ENLARGED SITE PLANS ON SHEETS U4 AND U5 FOR ADDITIONAL INFORMATION.
2. DEVICES, CONDUITS, AND CONDUCTORS ARE EXISTING TO REMAIN, UON.
3. PROVIDE 1Ø 7C#14 CABLING FOR VEHICLE SIGNAL HEADS, UON.
4. PROVIDE 1Ø 5C#14 CABLING FOR PEDESTRIAN SIGNAL HEADS, UON.
5. PROVIDE 1Ø 2C#14 CABLING FOR PEDESTRIAN SIGNAL PUSHBUTTONS, UON.
6. PROVIDE 1Ø 3C#14 CABLING FOR VEHICLE DETECTORS AND PHOTOCELLS, UON.

7. INTERCEPT, EXTEND, AND CONNECT EXISTING TRAFFIC SIGNALIZATION SYSTEM CONDUIT AND CONDUCTORS TO TRAFFIC CONTROLLER PROVIDED UNDER THIS CONTRACT.
8. PROVIDE TRAFFIC SIGNALIZATION SYSTEM JUNCTION BOX.
9. PROVIDE TRAFFIC SIGNALIZATION SYSTEM CONDUIT.
10. CALL TRAFFIC AND SAFETY A MINIMUM OF THREE(3) DAYS PRIOR TO CONSTRUCTION. JOSH MAHLE - 907-465-8945.
11. PROVIDE TRAFFIC CONTROLLER EQUIPMENT INDICATED IN THE TRAFFIC CONTROLLER EQUIPMENT SCHEDULE ON THIS SHEET IN ACCORDANCE WITH AK DOT STANDARD DETAIL T-35.00 AND THE AK DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. COORDINATE EXACT REQUIREMENTS WITH AK DOT PRIOR TO ORDERING.

TRAFFIC CONTROLLER EQUIPMENT SCHEDULE

ITEM NO.	QTY	DESCRIPTION
1	1	WESTERN SYSTEMS STRETCH PLUS JUNEAU SPEC WITH CLARY UPS
2	1	SMART MONITOR (MMU2-16LEIP) 16 CHANNEL ENHANCED MMU WITH FYA SUPPORT & ETHERNET
3	1	COPPER/EAD SWITCH 2+2 PAIR 6X10/100X PORTS, 2X100M SFP PORT ADD-DROP (HBW) IGMP
4	1	OPTICOM (764) PHASE SELECTOR 4 CHANNEL (INFRARED / GPS)
5	1	POWER SUPPLY (PS250) SHELF MOUNT (TS2) 5A
6	8	LOOP AMPLIFIER (ORACLE4EH) 4 CHANNEL 1/2W WITH TIMING AND LCD DISPLAY
7	6	BUS INTERFACE UNIT (BIU700H) (TS2) 1/2W
8	16	LOAD SWITCH (SSSB71/O) CUBE WITH I/O INDICATORS (PDC)
9	1	FLASHER (SSF87) CUBE (PDC)
10	8	FLASH TRANSFER RELAY (430) DETROL
11	1	TS2 FRAME GRABBER



1
U7 SCALE: NONE
DIAGRAM - EGAN DRIVE & GLACIER HIGHWAY - REVISED INTERSECTION WIRING

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Mahle* Date 2/18/20

PATH:

TAB:

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015
DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

DIAGRAM - REVISED INTERSECTION WIRING

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
U7	50

ELECTROLIER SCHEDULE

POLE #	STATION (FT)	OFFSET (FT)	SHEET	MAST ARM	TOP OF FDN CASING (FT)	MOUNTING HEIGHT	LAMP	WATTAGE	REMARKS
L196	119+67	114.00 RT	U2	15'	30.23	40'	HPS	250	SEE NOTE 1.
L198	119+79	79.00 RT	U2	15'	31.87	40'	HPS	400	SEE NOTE 2.
L200	121+48	71.00 RT	U2	15'	29.03	40'	HPS	250	SEE NOTE 1.
L201	124+32	75.00 LT	U2	15'	30.33	40'	HPS	250	SEE NOTE 1.
L202	124+37	75.00 RT	U2	15'	26.62	40'	HPS	250	SEE NOTE 1.
L203	126+71	66.00 LT	U3	15'	30.27	40'	HPS	250	SEE NOTE 1.
L204	126+79	75.00 RT	U3	15'	25.25	40'	HPS	250	SEE NOTE 1.
L206	129+20	75.00 RT	U3	15'	23.72	40'	HPS	250	SEE NOTE 1.
L208	131+57	75.00 RT	U3	15'	22.70	40'	HPS	250	SEE NOTE 1.

NOTES

1. PROVIDE FOUNDATION IN ACCORDANCE WITH SHEET U12, RELOCATE EXISTING ELECTROLIER TO NEW FOUNDATION, AND PROVIDE NEW MAST ARM.
2. PROVIDE LUMINAIRE AND MAST ARM ON TRAFFIC SIGNAL POLE.



JUNCTION BOX SCHEDULE - LIGHTING

J-BOX #	STATION (FT)	OFFSET (FT)	SHEET	DESCRIPTION	REMARKS
J196	119+62	111.00 RT	U2	TYPE 1A	SEE NOTE 1.
J198	119+84	76.00 RT	U2	TYPE 1A	SEE NOTE 1.
J200	121+53	68.00 RT	U2	TYPE 1A	SEE NOTE 1.
J201	124+27	72.00 LT	U2	TYPE 1A	SEE NOTE 1.
J202	124+42	72.00 RT	U2	TYPE 1A	SEE NOTE 1.
J203	126+66	63.00 LT	U3	TYPE 1A	SEE NOTE 1.
J204	126+84	72.00 RT	U3	TYPE 1A	SEE NOTE 1.
J205	129+19	56.00 RT	U3	TYPE 1A	EXISTING TO REMAIN.
J206	129+25	72.00 RT	U3	TYPE 1A	SEE NOTE 1.
J208	131+62	72.00 RT	U3	TYPE 1A	SEE NOTE 1.
J210	134+05	58.00 RT	U3	TYPE 1A	EXISTING TO REMAIN.

NOTES

1. PROVIDE JUNCTION BOX FOR NEW OR RE-LOCATED ELECTROLIER.

CONDUIT SCHEDULE - LIGHTING

CONDUIT #	SHEET	FROM	TO	LENGTH (FT)	DIAMETER (IN.)			WIRE					REMARKS	
					1	2	3	3C#12	3C#10	3C#8	3C#6	2C#14		5C#14
C196	U2	J196	J198	108		1					1			SEE NOTE 2.
C198	U2	J198	J200	187		1					1			SEE NOTE 2.
C201	U2	J201	J203	250		1					1			SEE NOTE 2.
C202	U2	J202	J204	250		1					1			SEE NOTE 2.
C203	U3	J203	J205	260		1					1			SEE NOTE 1.
C204	U3	J204	J206	250		1					1			SEE NOTE 2.
C206	U3	J206	J208	250		1					1			SEE NOTE 2.
C208	U3	J208	J210	250		1					1			SEE NOTE 1.

NOTES

1. INTERCEPT, EXTEND, AND RECONNECT EXISTING CONDUIT TO JUNCTION BOX ASSOCIATED WITH RELOCATED ELECTROLIER. PROVIDE CONDUCTORS BETWEEN JUNCTION BOXES AS NOTED.
2. PROVIDE CONDUIT AND CONDUCTORS BETWEEN ELECTROLIER AND JUNCTION BOXES AS INDICATED.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Smith* Date 2/12/20

PATH:

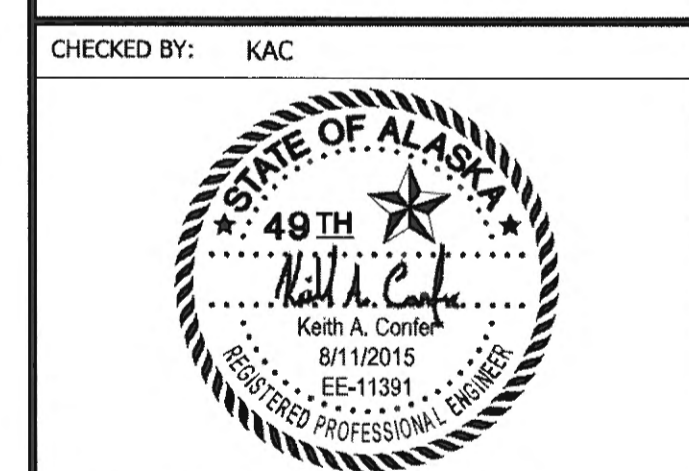
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
3	12/15/2015	CLARIFIED BASIS OF ESTIMATES



DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

SCHEDULES - LIGHTING

PROJECT DESIGNATION

EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U8	50

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CONDUIT SCHEDULE - SIGNALIZATION

CONDUIT #	SHEET	FROM	TO	LENGTH (FT)		DIAMETER (IN.)								WIRE						REMARKS								
				EXIST	NEW	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	3C#12	2C#14	3C#14	4C#14	5C#14	7C#14										
C400A	U7	CONTROLLER	1	N/A	55																						SEE NOTE 3.	
B	U7	CONTROLLER	1	N/A	55																							SEE NOTE 3.
C401A	U7	J-BOX 1	POLE 7	N/A	5																							SEE NOTE 3.
B	U7	J-BOX 1	2	N/A	15																							SEE NOTE 2.
C	U7	J-BOX 1	ABANDONED	70	--																							ABANDONED AND EMPTY.
D	U7	J-BOX 1	ABANDONED	70	--																							ABANDONED AND EMPTY.
E	U7	J-BOX 1	11	N/A	150																							SEE NOTE 3.
F	U7	J-BOX 1	11	N/A	150																							SEE NOTE 3.
C402A	U7	J-BOX 2	4	50	50																							SEE NOTE 2.
B	U6	J-BOX 2	3	31	0																							DEMOLISH CONDUIT.
C404A	U7	J-BOX 4	POLE 8	15	--																							SEE NOTE 1.
B	U7	J-BOX 4	5	65	--																							SEE NOTE 1.
C	U7	J-BOX 4	6	140	--																							SEE NOTE 1.
C405A	U7	J-BOX 5	POLE 5	6	--																							SEE NOTE 1.
C406A	U7	J-BOX 6	7	75	--																							ABANDONED AND EMPTY.
B	U7	J-BOX 6	--	--	--																							ABANDONED AND EMPTY.
C407A	U7	J-BOX 7	LOOP 13	10	--																							ABANDONED AND EMPTY.
B	U7	J-BOX 7	LOOP 14	10	--																							ABANDONED AND EMPTY.
C408A	U7	J-BOX 8	10	25	--																							ABANDONED AND EMPTY.
B	U7	J-BOX 8	9	30	--																							ABANDONED AND EMPTY.
C	U7	J-BOX 8	ABANDONED	65	--																							ABANDONED AND EMPTY.
C409A	U7	J-BOX 9	LOOP 5	15	--																							ABANDONED AND EMPTY.
B	U7	J-BOX 9	--	--	--																							ABANDONED AND EMPTY.
C410A	U7	J-BOX 10	LOOP 6	10	--																							ABANDONED AND EMPTY.
B	U7	J-BOX 10	LOOP 10	15	--																							ABANDONED AND EMPTY.
C411A	U7	J-BOX 11	12	115	20																							SEE NOTE 2.
B	U7	J-BOX 11	14	125	20																							SEE NOTE 2.
C412A	U7	J-BOX 12	POLE 6	5	--																							SEE NOTE 1.
B	U7	J-BOX 12	13	65	--																							SEE NOTE 1.
C413A	U7	J-BOX 13	POLE 1	8	--																							SEE NOTE 1.
B	U7	J-BOX 13	POLE 9	75	--																							SEE NOTE 1.
C414A	U7	J-BOX 14	POLE 10	10	--																							SEE NOTE 1.

- NOTES
1. EXISTING CONDUIT IS TO REMAIN. ROUTE WIRING INDICATED IN EXISTING CONDUIT.
 2. INTERCEPT, EXTEND, AND CONNECT EXISTING CONDUIT TO JUNCTION BOX INDICATED. ROUTE WIRING INDICATED IN EXISTING AND NEW CONDUIT.
 3. PROVIDE CONDUIT BETWEEN EQUIPMENT AND/OR JUNCTION BOX(ES) IN ACCORDANCE WITH SHEET U5.

JUNCTION BOX SCHEDULE - SIGNALIZATION

J-BOX #	STATION	OFFSET	SHEET	DESCRIPTION	REMARKS
1	119+73	83.00 RT	U7	TYPE 3	DEMOLISH EXISTING JUNCTION BOX AND PROVIDE JUNCTION BOX.
2	119+67	93.00 RT	U7	TYPE 2	DEMOLISH EXISTING JUNCTION BOX AND PROVIDE JUNCTION BOX.
3	119+24	55.00 RT	U6	TYPE 2	DEMOLISH EXISTING JUNCTION BOX.
4	118+77	117.00 RT	U7	TYPE 2	EXISTING TO REMAIN
5	124+37	72.00 LT	U7	TYPE 2	EXISTING TO REMAIN
6	124+32	72.00 RT	U7	TYPE 1A	EXISTING TO REMAIN
7	126+76	63.00 LT	U7	TYPE 1A	EXISTING TO REMAIN
8	126+74	72.00 RT	U7	TYPE 2	EXISTING TO REMAIN
9	129+19	56.00 RT	U7	TYPE 1A	EXISTING TO REMAIN
10	129+15	72.00 RT	U7	TYPE 1A	EXISTING TO REMAIN
11	131+62	56.00 LT	U7	TYPE 3	DEMOLISH EXISTING TYPE 2 JUNCTION BOX AND PROVIDE JUNCTION BOX, TYPE AS INDICATED.
12	131+52	72.00 RT	U7	TYPE 2	EXISTING TO REMAIN
13	134+02	56.00 LT	U7	TYPE 2	EXISTING TO REMAIN
14	133+92	72.00 RT	U7	TYPE 2	EXISTING TO REMAIN

PATH:

TAB:

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Sh. M. D.* Date 2/14/20

CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

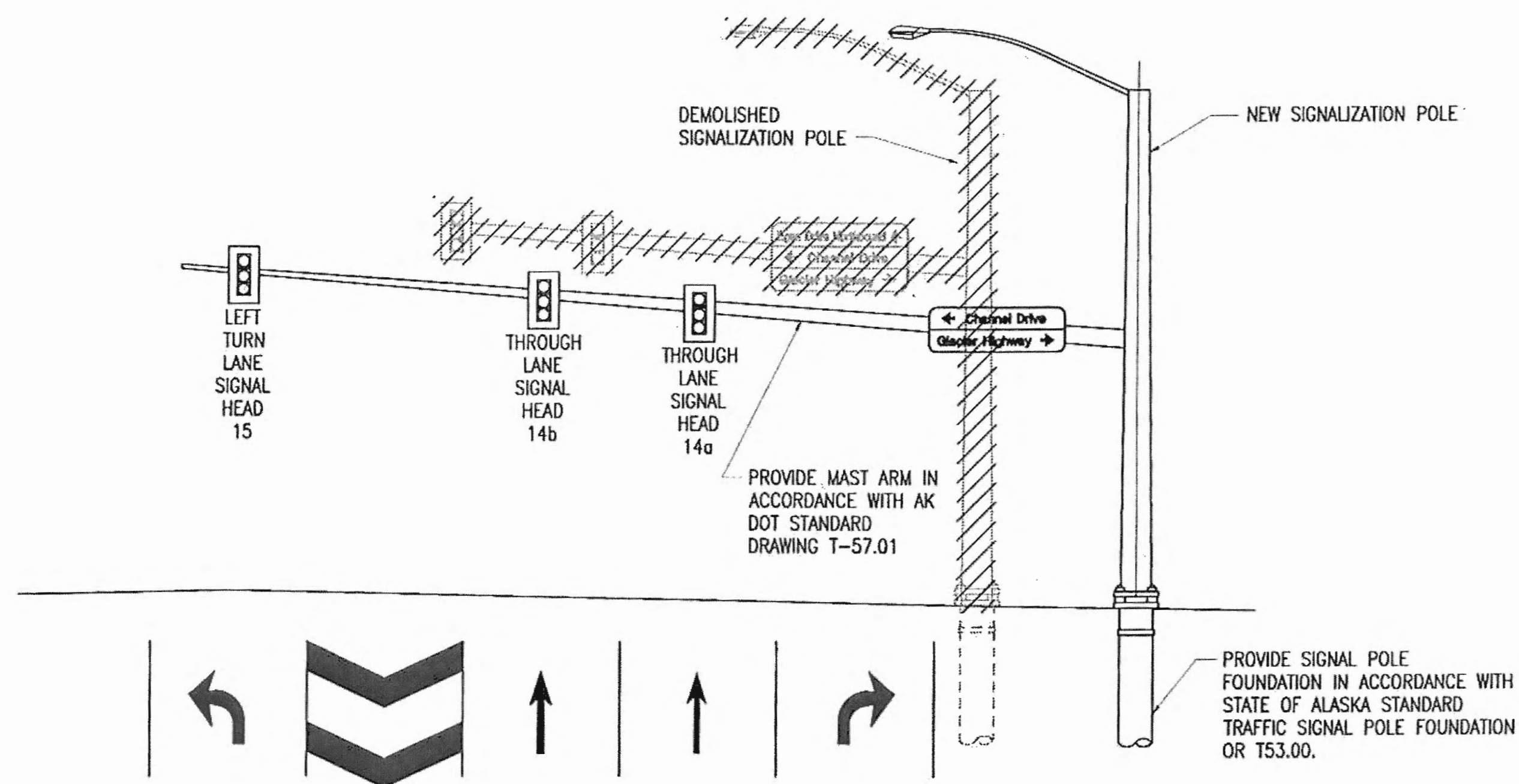
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

SCHEDULES - INTERSECTION SIGNALIZATION

PROJECT DESIGNATION
EBL-0932(51)

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U9	50



1 TRAFFIC SIGNAL POLE #7 - ELEVATION
 U10 SCALE: NONE LOOKING NORTH

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Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Smith* Date 2/18/20

PATH:

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ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015
 DRAWN BY: ERP/TRC/KAC

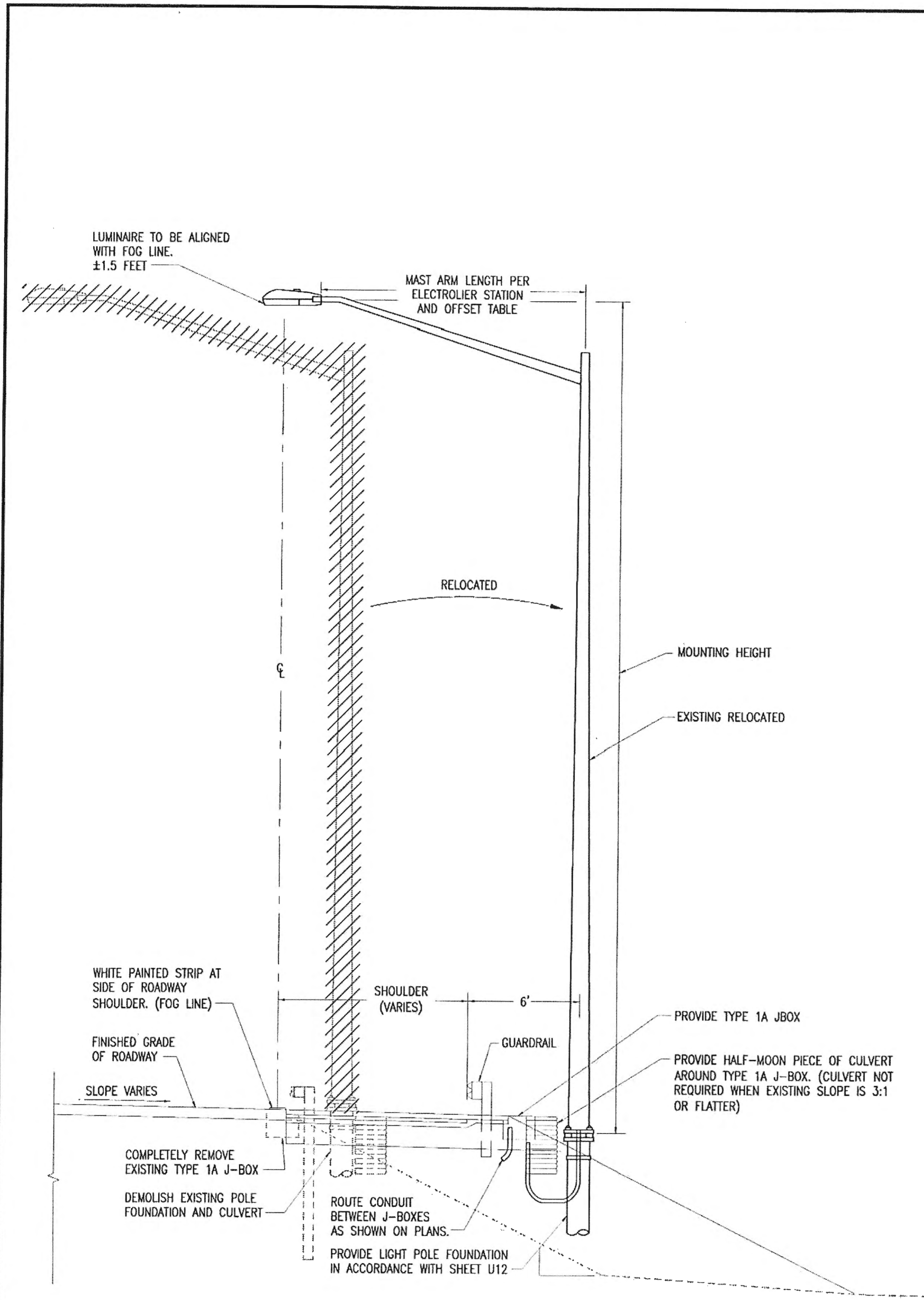
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU - EGAN DRIVE
 SALMON CREEK INTERSECTION
 SAFETY IMPROVEMENTS
 PROJECT #67595

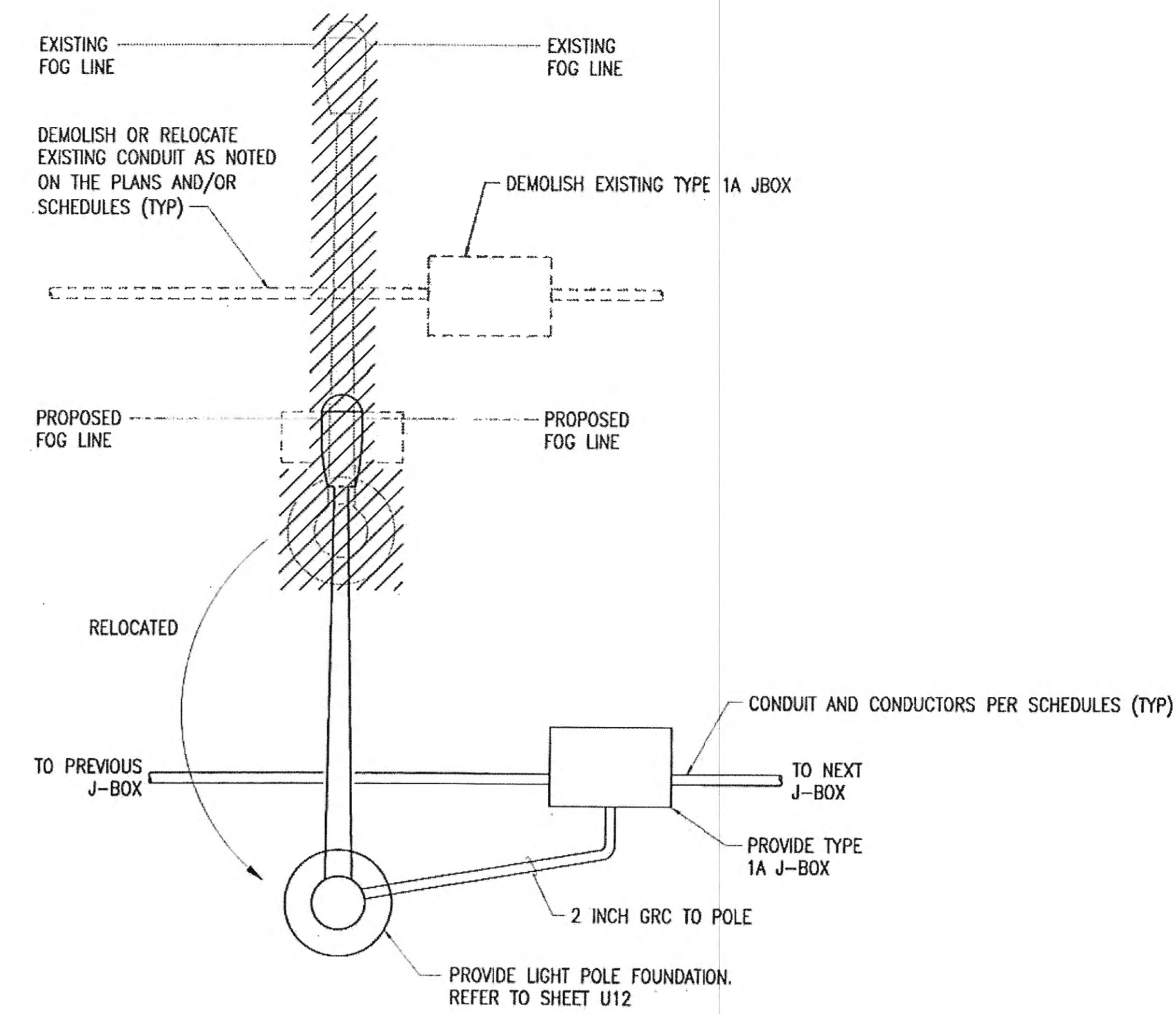
DETAILS - TRAFFIC SIGNAL POLE REVISIONS

PROJECT DESIGNATION
EBL-0932(51)

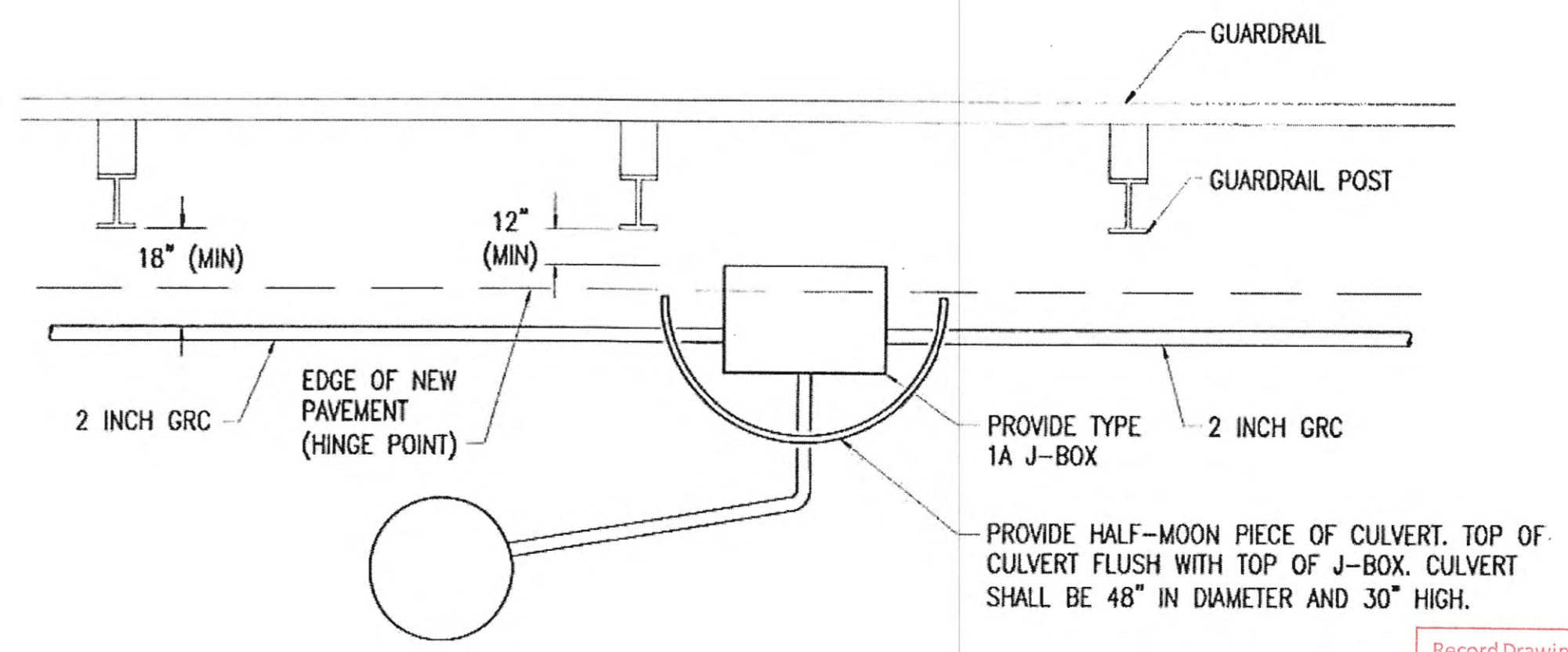
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
U10	50



1 DETAIL - ELECTROLIER RELOCATION - SECTION
U11 SCALE:NONE



2 DETAIL - ELECTROLIER RELOCATION - PLAN
U11 SCALE:NONE



3 DETAIL - ELECTROLIER - PLAN
U11 SCALE:NONE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE *Steve Mathis* Date 2/18/20

PATH:

TAB:

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: KAC

DESIGNED BY: KAC/TRC DATE: 8/11/2015

DRAWN BY: ERP/TRC/KAC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU - EGAN DRIVE
SALMON CREEK INTERSECTION
SAFETY IMPROVEMENTS
PROJECT #67595

DETAILS - ELECTROLIER RELOCATION

PROJECT DESIGNATION

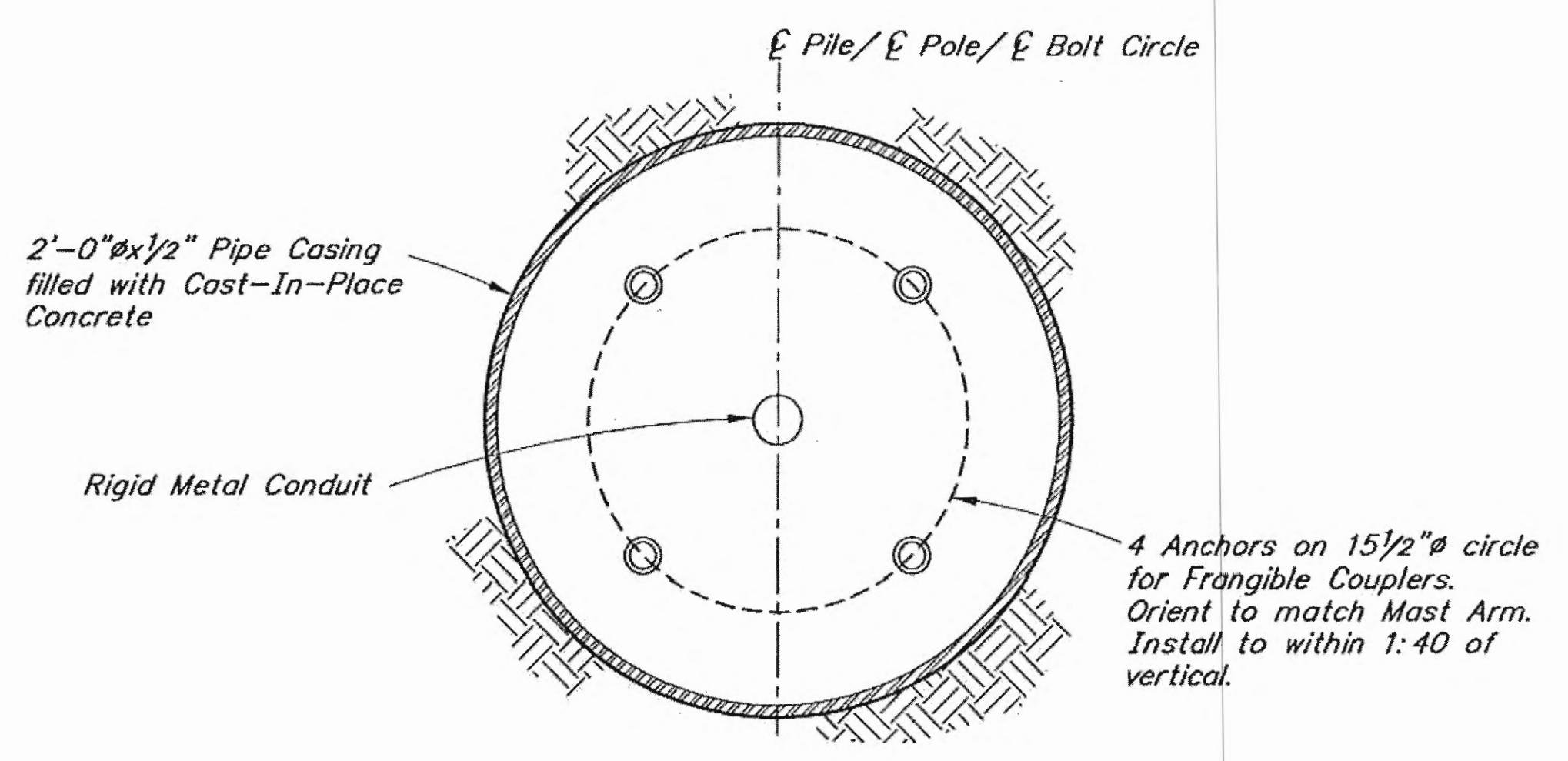
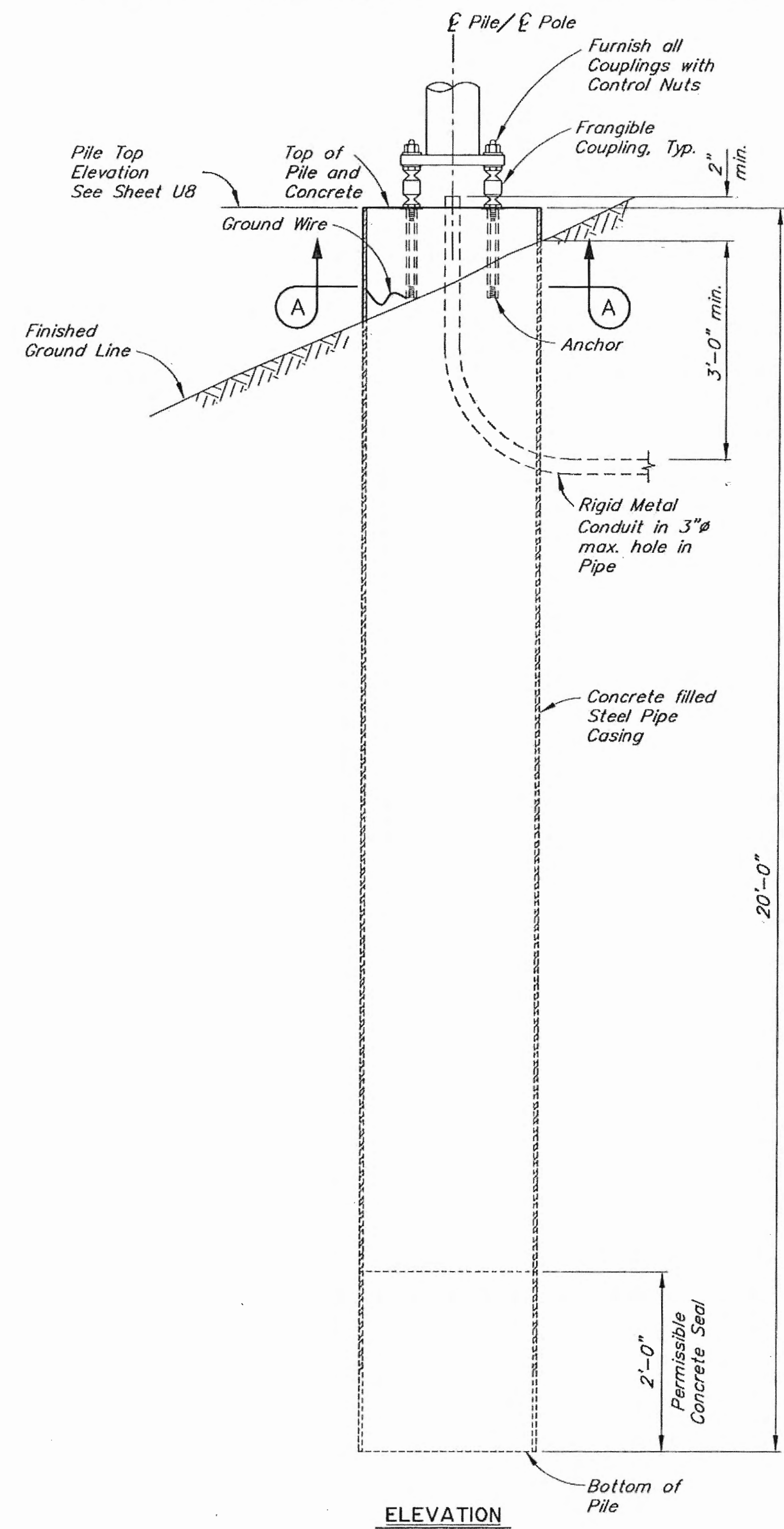
EBL-0932(51)

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
U11	50

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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	67595/EBL-0932(051)	2015	U13	



GENERAL NOTES

FRANGIBLE COUPLING DATA

Use frangible Coupling Breakaway System, meeting NCHRP 350 test level 3 criteria, designed for impacts from any direction and having no specific torque requirements. Install components of the Frangible Coupling System in accordance with the manufacturer's written instructions.

Use this drawing when frangible couplings have the following properties:

Ultimate Shear Capacity = $V_u = 5.5$ kips
 Ultimate Tensile Capacity = $T_u = 49.8$ kips

Foundation Design based on 120% of coupling ultimate capacities.

DESIGN CRITERIA

MATERIALS

CONCRETE.....Class "DS" $f'_c = 3,000$ psi.

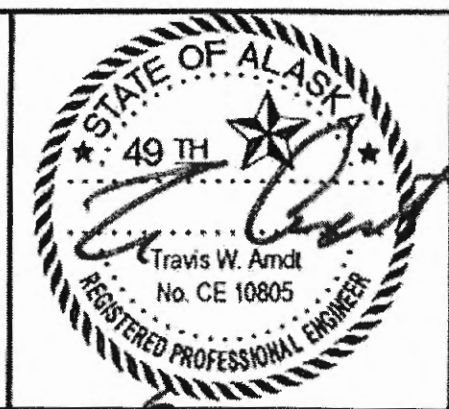
PIPE PILE.....API 5L X52, or
 ASTM A709, GR 50, $F_y = 50,000$ psi.

CONCRETE FILLED STEEL PIPE CASING WITH FRANGIBLE COUPLINGS
 (Skirt not shown)


Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
 PE *Steve Smith* Date 2/18/20

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>
DRAWN BY: <i>Sam Sallie Jr</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Jared Levings</i>

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



SALMON CREEK WIDENING
 EGAN DRIVE
FOUNDATION FOR LIGHTING STANDARD


 BRIDGE NO. _____
 DWG. NO. U12

8/3/15