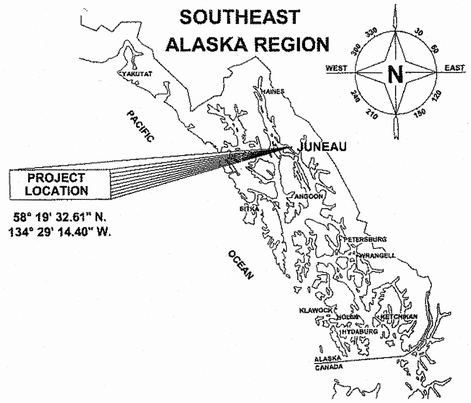
State of Alaska

Department of Transportation and Public Facilities Southeast Region



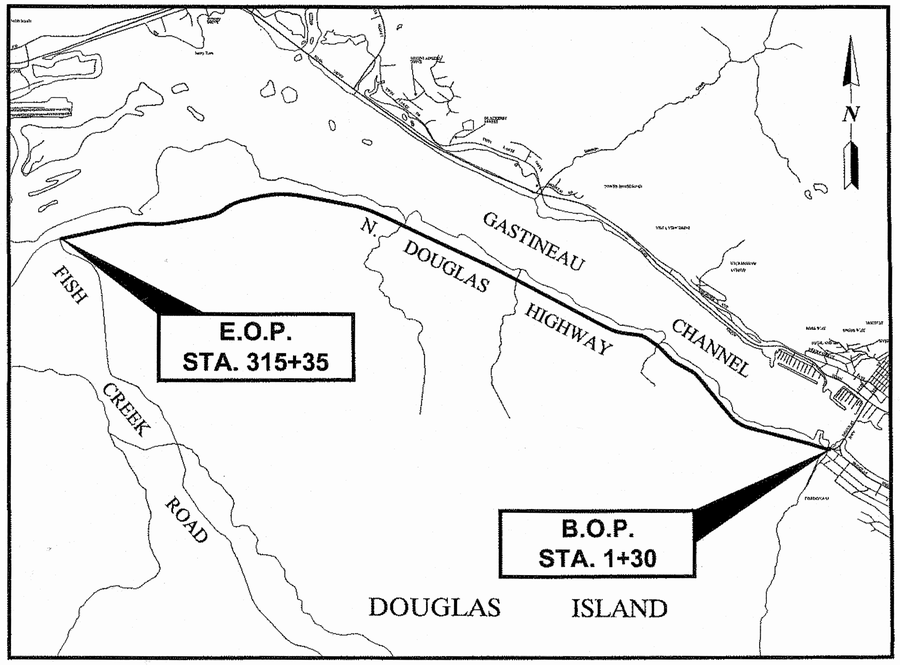


JNU-NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION

ROUNDABOUT (MP 0.0) TO FISH CREEK ROAD (MP 5.97)

PROJECT No. CM-0959(020) ~ 67531

JNU - LAWSON CREEK BRIDGE RESURFACING
PROJECT No. 0958(31) ~ 68452



VICINITY MAP

DESIGN DESIGNATION

PROJECT TYPE	=	1R (PREVENTIVE MAINTENANCE)
FUNCTIONAL CLASSIFICATION	=	URBAN COLLECTOR
A.D.T. 2010 (LAST YEAR WITH DATA)	=	5510
A.D.T. 2014 (YEAR AFTER CONSTRUCTION)	=	5620
A.D.T. 2024 (MID-LIFE YEAR)	=	5910
A.D.T. 2034 (FUTURE YEAR)	=	6210
D.H.V. (12.1%) 2034	=	751
% T	=	10.6%
V	=	45 M.P.H. (POSTED)
E.A.L.	=	1,400,000
DESIGN VEHICLES FOR TURNING	=	WB-50
DESIGN VEHICLE LOADING	=	HS25

PROJECT SUMMARY

LENGTH OF PROJECT	=	5.95 MILES
LENGTH OF RESURFACING	=	5.90 MILES
WIDTH OF ROADWAY	=	34-36 FT

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	D-01.02	G-00.02	M-20.13	S-00.11	T-06.00
C-04.12	D-04.21	G-04.10S	M-23.12	S-01.00	T-20.03
C-05.20		G-10.01		S-05.01	T-21.00
		G-13.00		S-30.03	
		G-20.11			
		G-31.00			

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE (3) Date 4/22/16

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
B1-B2	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
C2-C7	SUMMARIES
D1-D3	SIGN SUMMARY
F1-F34	PLAN
J1-J3	MISC DETAILS
P1	EROSION AND SEDIMENT CONTROL DETAILS
R1-R34	SIGNING & STRIPING PLAN
S1-S2	TRAFFIC CONTROL PLAN

AS-BUILT PLANS
CONTRACTOR: SECON INC
PROJECT ENGINEER: Van Dam
BEGIN DATE: JULY 1, 2014
END DATE:

(A) SUPPLEMENTAL AGREEMENT #1
LAWSON CREEK BRIDGE RESURFACING
68452, 0958(31)
PROJECT ENGINEER: DANIELLE RYDER

CDS MILEPOINT	CDS ROUTE #	START	END
	296150	0.000 ROUNDABOUT (BOP)	5.970 FISH CREEK RD. (EOP)

PATH: Q:\JNU\67531\PLANSET\67531_A1_TITLE.DWG TAB:A1
Wednesday, August 28, 2013 2:29:15 PM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

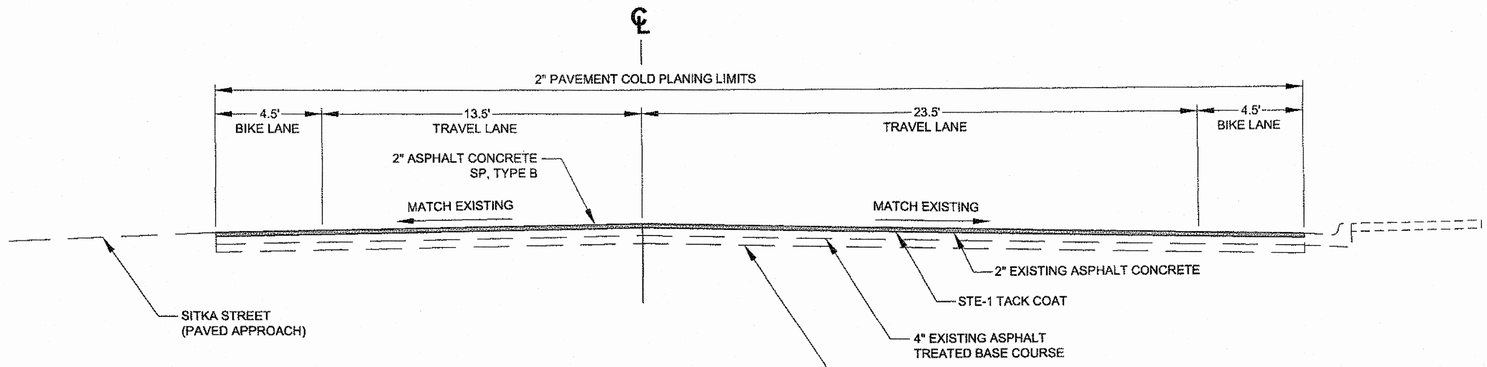
STATE OF ALASKA 49 TH
R. KEITH KARPSTEIN
CE-12984
REGISTERED PROFESSIONAL ENGINEER
9/9/13

APPROVED: FOR 9/10/13
REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
CHUCK CORREA, P.E.

APPROVED: 11.18.2013
DIRECTOR, SOUTHEAST REGION — DATE
ALBERT H. CLOUGH, CPG

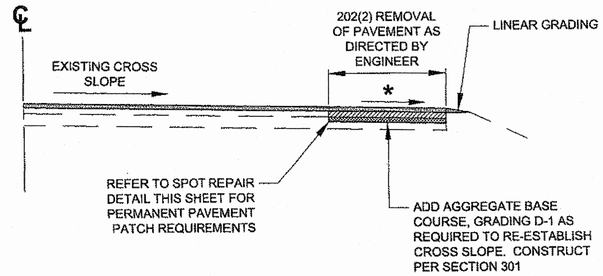
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:
Victor Winter for 4-25-16
CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	CM-0959(020) ~ 67531	2013	A1	87



NORTH DOUGLAS HIGHWAY

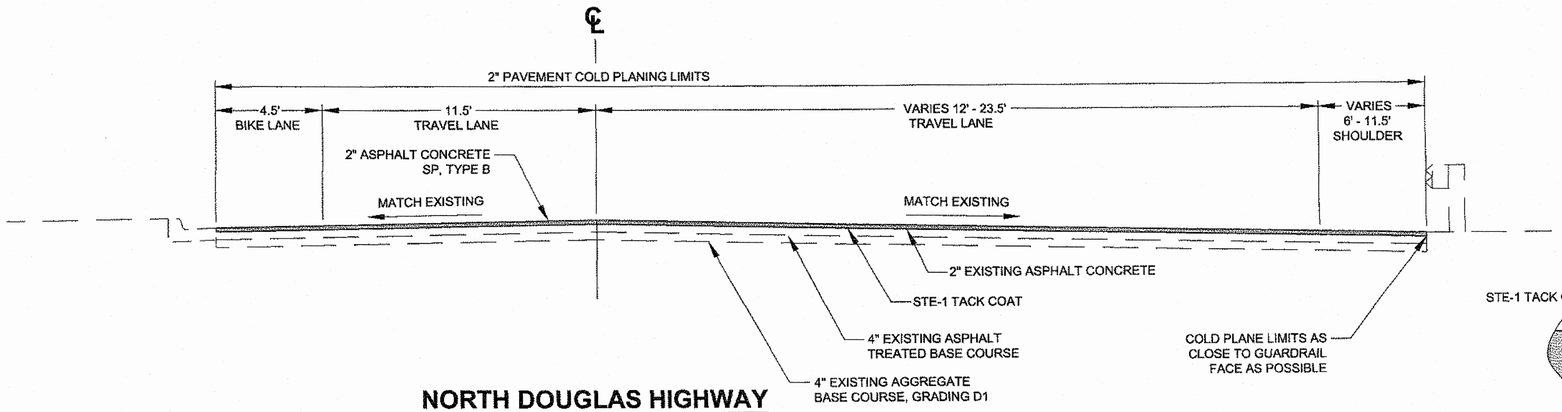
STA. 2+58 (BOP) TO STA. 2+85
N.T.S.



SUBGRADE REPAIR

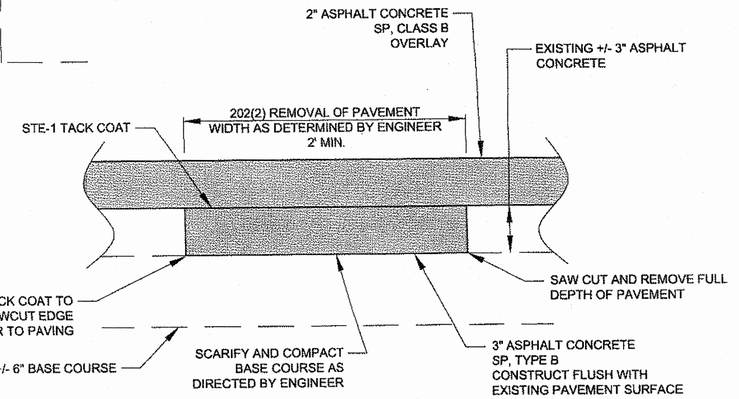
N.T.S.

* SLOPE TO MATCH EXISTING CROSS SLOPE OF TRAVEL LANE



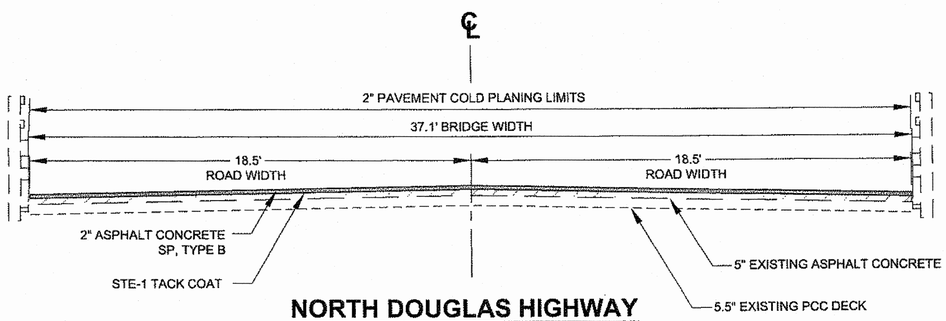
NORTH DOUGLAS HIGHWAY

STA. 2+85 TO STA. 4+22 (KOWEE CREEK BRIDGE EXPANSION JOINT)
N.T.S.



SPOT REPAIR

N.T.S.



NORTH DOUGLAS HIGHWAY

STA. 4+22 TO STA. 5+37
(KOWEE CREEK BRIDGE)
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 _____ Date 4/22/16

REPAIR NOTES:

1. SUBGRADE REPAIR AND SPOT REPAIR WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. PAYMENT WILL BE MADE FOR WORK RELATED TO THESE REPAIRS UNDER THEIR RESPECTIVE SECTIONS.
2. REPAIR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY THESE LOCATIONS WITH ENGINEER PRIOR TO START OF WORK.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

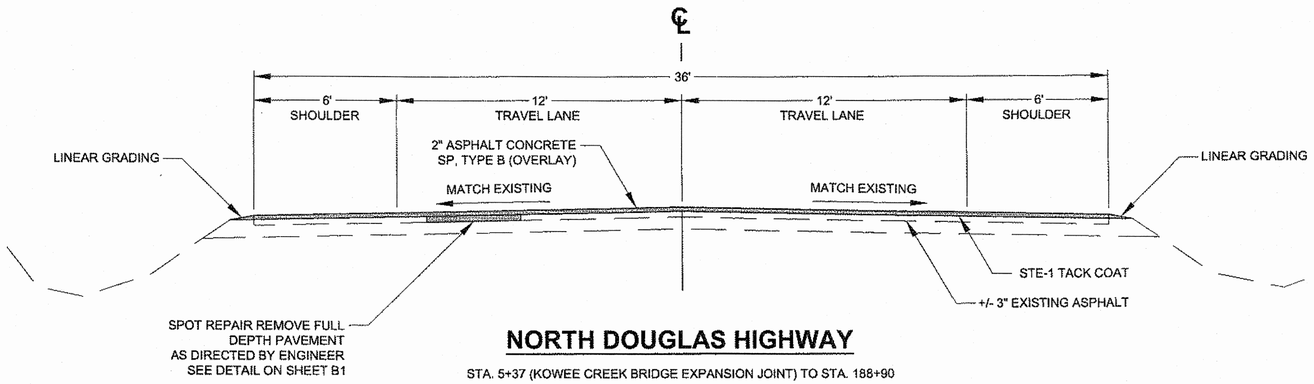
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

TYPICAL SECTIONS

PATH: Q:\JNU\67531\PLANSET\67531_B1-B2_TYP SECS.DWG
TAB: B1 Friday, September 06, 2013 10:42:25 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	B1	87

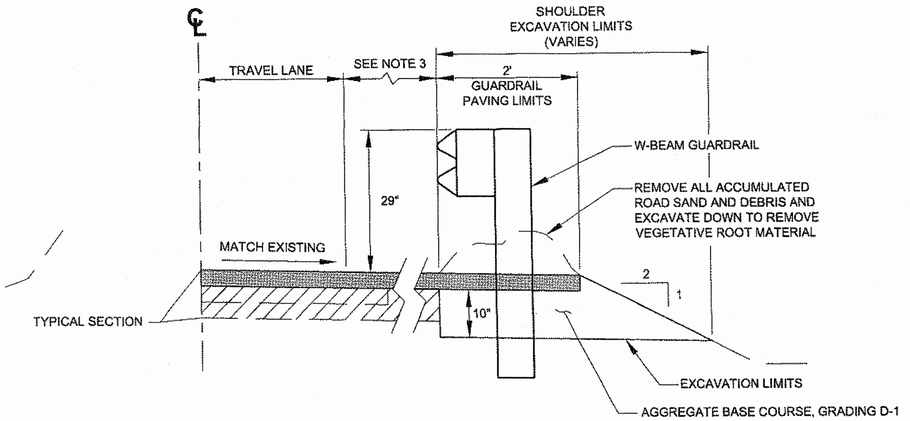


NORTH DOUGLAS HIGHWAY

STA. 5+37 (KOWEE CREEK BRIDGE EXPANSION JOINT) TO STA. 188+90

AT APPROX. STA. 187+90 THE SHOULDER WIDTH NARROWS FROM 6' TO 5'.

N.T.S.



GUARDRAIL PAVING AND SHOULDER EXCAVATION TYPICAL SECTION

(VARIOUS LOCATIONS AS NOTED ON PLAN SET)

N.T.S.

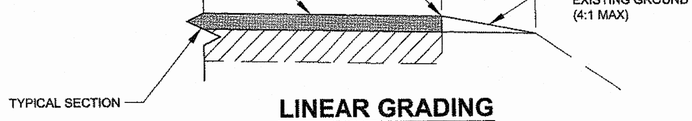
1. DAYLIGHT SHOULDER EXCAVATION WHERE SLOPE CONDITION ALLOWS.
2. WHERE SLOPE BEHIND GUARDRAIL IS APPROXIMATELY LEVEL, EXCAVATE 2' BEHIND GUARDRAIL POST LINE.
3. GUARDRAIL OFFSET SHALL MATCH EXISTING PER REFERENCING STATED IN SECTION 642 OF THE SPECIAL PROVISIONS.

CURVE SUPERELEVATION RECONSTRUCT

STA. 82+35.10 TO STA. 89+84.14

N.T.S.

1. REFERENCE AND RECORD THE EXISTING CENTERLINE GRADE PRIOR TO REMOVING PAVEMENT.
2. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH.
3. PLACE AGGREGATE BASE COURSE AND RECONSTRUCT TO CORRECT THE SUPERELEVATION AND TRANSITIONS. SEE SHEET F9 FOR SUPERELEVATION DATA.
4. PLACE 3 INCHES OF ASPHALT CONCRETE TO BRING THE SURFACE TO ITS PRE-EXISTING CENTERLINE GRADE.
5. PLACE THE 2 INCH OVERLAY IN CONJUNCTION WITH PLACING THE MAINLINE OVERLAY.

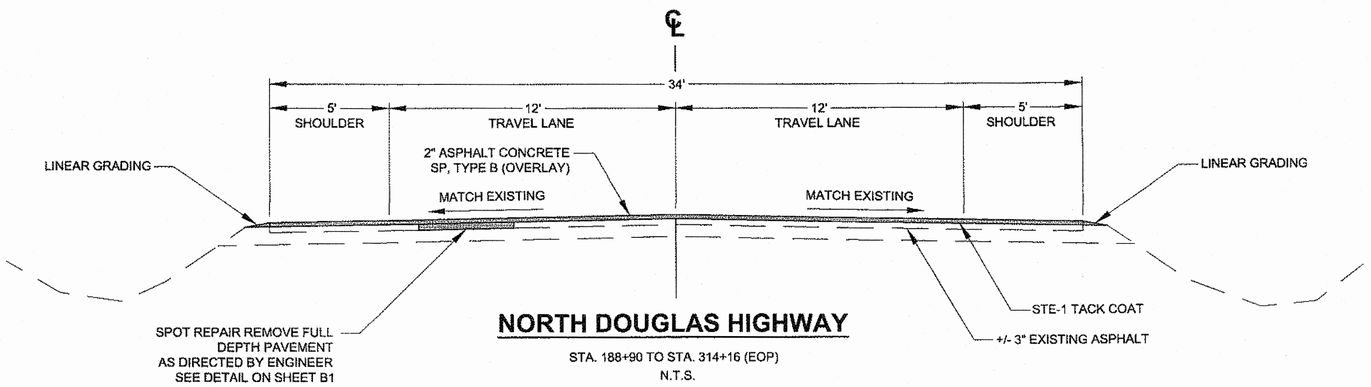


LINEAR GRADING

(LT AND RT EDGE OF PAVEMENT)

N.T.S.

1. MATERIAL FOR LINEAR GRADING SHALL MEET THE REQUIREMENTS AS SPECIFIED IN SECTION 303 OF THE SPECIAL PROVISIONS.
2. LINEAR GRADING WILL BE PAID FOR UNDER ITEM 303(3).
3. LINEAR GRADING SHALL CONSIST OF GRADING, SHAPING, AND COMPACTING THE APPROVED MATERIAL AS SHOWN ON THE TYPICAL SECTION.



NORTH DOUGLAS HIGHWAY

STA. 188+90 TO STA. 314+16 (EOP)

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 _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA · 49th · KEITH B. KARPSTEIN · CE-12904 · REGISTERED PROFESSIONAL ENGINEER

11/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\67531\PLANSET\67531_B1-B2_TYP SECS.DWG

TAB: B2 Tuesday, November 05, 2013 8:47:30 AM GRANTHAM, RICK L (DOT)

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

TYPICAL SECTIONS

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	B2	87

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~5950~~ 11,200.10
202(4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	~~30~~ 28.60
202(10)	SINGLE MAIL BOX INSTALLATION	EACH	5
202(11)	MULTIPLE MAIL BOX INSTALLATION	EACH	1
203(19)	SHOULDER EXCAVATION	STATION	~~66~~ 67.22
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	~~2245~~ 2,799.63
303(3)	LINEAR GRADING	STATION	~~550~~ 546.93
~~401(1)~~	~~ASPHALT CONCRETE, SP, TYPE B~~, DELETED, C0 1	~~TON~~	~~16890~~
401(2)	ASPHALT CEMENT, GRADE PG 64-28	TON	~~1001~~ 1,141.35
401(3)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401(4)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	~~54~~ 20.56
408(1)	2" PAVEMENT COLD PLANING	SQUARE YARD	~~2000~~ 1,962.60
603(9)	24 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	~~35~~ 32.21
604(4)	ADJUST EXISTING MANHOLE	EACH	28
606(1)	W-BEAM GUARDRAIL	LINEAR FOOT	~~5900~~ 5,911
606(6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	~~6952~~ 6,930
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	23
606(17)	DOWNSTREAM END ANCHOR	EACH	30
611(1)	RIPRAP, CLASS I	CUBIC YARD	~~5~~ 4.80
615(1)	STANDARD SIGN	SQUARE FOOT	393.5
627(10)	ADJUSTMENT OF VALVE BOX	EACH	2
629(1)	GUARDRAIL PAVING	LINEAR FOOT	~~6790~~ 3,446
638(1)	FIBER ROLL	LINEAR FOOT	~~1440~~ 1,067.50
639(3)	APPROACH	EACH	311
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)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642(9)	REFERENCE EXISTING MONUMENT	EACH	~~36~~ 33
642(11)	ADJUST EXISTING MONUMENT CASE	EACH	~~36~~ 33
642(13)	REFERENCE EXISTING GUARDRAIL	LUMP SUM	ALL REQUIRED
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
644(6)	VEHICLES	EACH	2
645(1)	TRAINING PROGRAM, 1 TRAINEE/APPRENTICE	LABOR HOUR	500
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
670(8)	RECESSED PAVEMENT MARKER	EACH	~~450~~ 473
670(10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED
401(1A)	ASPHALT ~~CONCRETE~~ PAVEMENT, SP, TYPE B, C0 1	TON	
639(3A)	INFRARED APPROACH MODIFICATIONS, CO 2	EACH	
606(12)	GUARDRAIL BRIDGE RAIL CONNECTIONS, CO 3	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
301 (1)	AGGREGATE BASE COURSE GRADING D-1	2 TON/CY
401 (1)	ASPHALT CONCRETE, SP, TYPE B	120 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 64-28	6% OF ITEM 401 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)

POINTS OF CONTACT

ELECTRIC	ALASKA ELECTRIC LIGHT & POWER CO. (AEL&P)	DARRELL WETHERALL	463-6316
TELEPHONE	ALASKA COMMUNICATION SYSTEMS (ACS)	MONTY WILLIAMS	463-8987
SEWER	CITY AND BOROUGH OF JUNEAU	TOM TREGO	586-0393
WATER	CITY AND BOROUGH OF JUNEAU	DAVE CRABTREE	780-6888
CABLE	GENERAL COMMUNICATIONS INC. (GCI)	RANDY LAIRD	230-1182

SA #1 ESTIMATE OF QUANTITIES (68452)

670(1)	PAINTED TRAFFIC MARKINGS, CO	LUMP SUM	ALL REQ'D
606(18)	TRANSITION RAIL MODIFICATIONS	LUMP SUM	ALL REQ'D
606(16)	MODIFIED CONNECTION ANGLE A	EACH	1.0
	SEE THE ATTACHED #68452 AS-BUILT PLANS		

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
11/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

PATH: Q:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG

TAB: C1 Tuesday, November 05, 2013 1:38:52 PM GRANTHAM, RICK L (DOT)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

ESTIMATE OF QUANTITIES

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C1	87

202(4) REMOVAL OF CULVERT PIPE

STATION	DIAMETER (IN)	LENGTH (FT)	REMARKS
33+90	24	8	P-1
54+60	24	4	P-2
174+33	24	~~8~~ 7.4	P-4
182+23	24	~~10~~ 9.2	P-5
	TOTAL	~~30~~ 28.6	

202(10) SINGLE MAIL BOX INSTALLATION

STATION	OFFSET	HOUSE NO.	REMARKS
135+35	RT	6010	DECORATIVE ROOT
213+73	LT	7625	PIPE
257+35	LT	8437	TALL 3X12 TIMBER POST
290+85	LT	9077	SKIS
306+85	RT	9374	PIPE TRIPOD

202(11) MULTIPLE MAIL BOX INSTALLATION

STATION	OFFSET	HOUSE NO.	REMARKS
192+18	LT	7081, 7091, 7101	TIMBER PEDISTAL

603 CULVERT INSTALLATION

PIPE	INLET			OUTLET			LENGTH (FT)	SIZE	REMARKS
	STATION	OFFSET	INVERT	STATION	OFFSET	INVERT			
P-1	33+90	35' LT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	8	24" CAP	CUT BACK 8' AND REPLACE
P-2	54+60	29' LT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	~~4~~ 3.11	24" CAP	CUT BACK 4' AND REPLACE
P-3	74+64	24' LT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	5	24" CAP	ADD 5' EXTENSION
P-4	174+33	31' LT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	8	24" CAP	CUT BACK 8' AND REPLACE
P-5	182+23	34' LT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	~~10~~ 9.10	24" CAP	CUT BACK 10' AND REPLACE
						TOTAL	~~35~~ 32.21		

604(4) ADJUST EXISTING MANHOLE

STATION	OFFSET	REMARKS
6+78	19.5' RT	
16+19	18.4' LT	
16+19	19.6' RT	
19+52	22.7' RT	
22+87	19.1' RT	
23+06 17	18.7' LT	
27+03	18.2' LT	
28+22	19.7' LT	
31+95	19.1' LT	
35+90	19.1' LT	
39+62	18.4' LT	
42+01	16.7' LT	
51+20	18' LT	
55+36	18' LT	
~~60+35~~ 62+22	18' LT	
78+71	19' LT	
83+71	19' LT	
88+27	19' LT	
92+84	19' LT	
97+25	19' LT	
99+26	19' LT	
102+16	19' LT	
104+71	19' LT	
106+92	18.1' LT	
~~110+23~~ 109+44	~~18.1' LT~~ 19.0 LT	
113+72	~~18.1' LT~~ 19.5 LT	
~~117+52~~ 121+21	~~18.1' LT~~ 19.5LT	
122+24 20	~~18.4' LT~~ 19.0LT	
182+00	LT	Wee Burn

606(6) GUARDRAIL REMOVAL AND DISPOSAL

FROM STA.	TO STA.	OFFSET	LENGTH	REMARKS
2+82	4+01	RT	~~119~~ 112	
3+20	4+01	LT	~~81~~ 75	
5+56	5+89	LT	~~40~~ 71	
5+56	6+14	RT	~~60~~ 56	
6+81	10+05	RT	~~330~~ 350	
60+50	71+70	RT	~~1125~~ 1128	
72+16	77+20	RT	~~505~~ 515	
77+45	81+86	RT	~~450~~	
84+40	86+90	RT	~~260~~ 263	
87+40	88+49	RT	~~110~~ 125	
90+86	91+62	RT	~~85~~ 87	
94+19	95+80	RT	~~161~~ 126	
94+23	94+94	LT	~~75~~ 76	
103+85	105+63	RT	~~180~~ 176	
106+58	109+58	RT	~~300~~ 301	
112+11	113+90	RT	~~180~~ 176	
112+11	113+50	LT	~~145~~ 146	
119+70	120+60	RT	~~90~~ 88	
128+42	130+94	RT	~~262~~ 250	
131+16	131+94	RT	~~84~~ 91	
137+18	139+48	RT	~~235~~ 233	
137+52	139+54	LT	~~210~~ 208	
144+37	146+18	RT	~~182~~ 174	
146+45	148+35	RT	~~190~~ 186	
182+18	184+80	RT	~~262~~ 261	
182+83	184+13	LT	~~140~~ 151	
192+00	195+93	RT	~~395~~ 385	
280+12	283+78	LT	~~366~~ 363	
280+36	283+73	RT	~~340~~ 338	
		TOTAL	~~6,952~~ 6960	

606(1) W-BEAM GUARDRAIL

FROM STA.	TO STA.	OFFSET	LENGTH	REMARKS
3+20	4+01	RT	82	
3+58	4+01	LT	44	
5+56	5+89	LT	40	BEGIN NEW GUARDRAIL AT TRIE BEAM / W-BEAM TRANSITION
5+56	6+14	RT	~~60~~ 57	BEGIN NEW GUARDRAIL AT TRIE BEAM / W-BEAM TRANSITION
6+81	9+67	RT	~~286~~ 300	
60+88	71+32	RT	1050	
72+16	77+14	RT	~~493~~ 450	
77+45	81+48	RT	~~406~~ 400	
84+40	86+52	RT	216	
87+78	88+43	RT	65	
90+87	91+61	RT	73	
94+57	95+74	RT	117	
94+29	94+94	LT	63	
104+23	105+57	RT	136	
106+96	109+52	RT	256	
112+49	113+84	RT	136	
112+17	113+50	LT	133	
120+08	120+54	RT	46	
128+80	130+56	RT	177	
131+16	131+88	RT	72	
~~137+15~~ 48	139+42	RT	223	
137+58	139+54	LT	~~198~~ 196	
144+75	146+12	RT	138	
146+83	148+29	RT	146	
182+56	184+74	RT	~~218~~ 216	
182+83	183+76	LT	96	
192+38	195+87	RT	351	
280+50	283+40	LT	291	
280+74	283+67	RT	296	
		TOTAL	5,909 5911.01F	

GUARDRAIL NOTES:

1. THE GIVEN STATIONS AND LENGTHS ARE APPROXIMATE. ACTUAL LOCATIONS AND LENGTHS MAY VARY FROM WHAT IS SHOWN. FIELD VERIFY AND REFERENCE GUARDRAIL IN ACCORDANCE WITH SECTIONS 606 AND 642 OF THE SPECIFICATIONS.
2. THE INTENT IS TO REPLACE THE GUARDRAIL IN ITS SAME LOCATION EXCEPT WHEN INSTALLING PARALLEL GUARDRAIL TERMINALS. THE BEGINNING AND ENDING STATIONS WILL MATCH EXISTING STATIONING; OFFSETS WILL DIFFER DUE TO THE REQUIRED TAPER FOR PARALLEL GUARDRAIL TERMINALS. INSTALL PARALLEL GUARDRAIL TERMINALS PER THE MANUFACTURER'S RECOMMENDATIONS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA · 49th · KEITH B. KARPSTEIN · CE-12904 · REGISTERED PROFESSIONAL ENGINEER
11/5/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

JNU: NORTH DOUGLAS HIGHWAY
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

SUMMARIES

PATH: Q:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG
TAB: C2 Friday, October 25, 2013 8:43:52 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C2	87

606(13) PARALLEL GUARDRAIL TERMINAL

STATION	OFFSET	LENGTH	REMARKS
2+82	RT	37.5'	
3+20	RT	37.5'	
10+05	RT	37.5'	
60+50	RT	37.5'	
71+70	RT	37.5'	
81+86	RT	37.5'	
86+90	RT	37.5'	
87+40	RT	37.5'	
94+~~19~~ 19	RT	37.5'	
103+85	RT	37.5'	
106+58	RT	37.5'	
112+11	RT	37.5'	
119+70	RT	37.5'	
128+42	RT	37.5'	
130+94	RT	37.5'	
144+37	RT	37.5'	
146+45	RT	37.5'	
182+18	RT	37.5'	
184+13	LT	37.5'	
192+00	RT	37.5'	
280+12	LT	37.5'	
280+36	RT	37.5'	
283+78	LT	37.5'	

SEE STD DWG G-20.10 WIDENING FOR GUARDRAIL END TERMINAL. CONSTRUCT TERMINAL WITH END OFFSET OF 1.5' FROM NORMAL GUARDRAIL FACE.

END TERMINALS TO REMAIN AT 27" HEIGHT. TRANSITION FROM 29" TO 27" OVER A LENGTH OF 25'.

606(17) DOWNSTREAM END ANCHOR

STATION	OFFSET	REMARKS
5+89	LT	
6+81	RT	
72+16	RT	
77+20	RT	
77+45	RT	
84+40	RT	
88+49	RT	
90+86	RT	
91+62	RT	
94+23	LT	
94+94	LT	
95+80	RT	
105+63	RT	
109+58	RT	
112+11	LT	
113+50	LT	
113+90	RT	
120+60	RT	
131+16	RT	
131+94	RT	
137+18	RT	
137+52	LT	
139+48	RT	
139+54	LT	
146+18	RT	
148+35	RT	
182+83	LT	
184+80	RT	
195+93	RT	
283+73	RT	

629(1) GUARDRAIL PAVING - SEE 601(1) W-BEAM GUARDRAIL

FROM STA.	TO STA.	OFFSET	LENGTH	REMARKS
2+82	4+22	RT	140	SEE SHEET B2
6+81	10+05	RT	330	SEE SHEET B2
60+50	71+70	RT	1125	SEE SHEET B2
72+16	77+20	RT	505	SEE SHEET B2
77+45	81+86	RT	450	SEE SHEET B2
84+40	86+90	RT	260	SEE SHEET B2
87+40	88+49	RT	110	SEE SHEET B2
90+86	91+62	RT	85	SEE SHEET B2
94+19	95+80	RT	160	SEE SHEET B2
94+23	94+94	LT	75	SEE SHEET B2
103+85	105+63	RT	180	SEE SHEET B2
106+58	109+58	RT	300	SEE SHEET B2
112+11	113+90	RT	180	SEE SHEET B2
112+11	113+50	LT	145	SEE SHEET B2
119+70	120+60	RT	90	SEE SHEET B2
128+42	130+94	RT	252	SEE SHEET B2
131+16	131+94	RT	84	SEE SHEET B2
137+18	139+48	RT	235	SEE SHEET B2
137+52	139+54	LT	210	SEE SHEET B2
144+37	146+18	RT	182	SEE SHEET B2
146+45	148+35	RT	190	SEE SHEET B2
182+18	184+80	RT	262	SEE SHEET B2
182+83	184+13	LT	140	SEE SHEET B2
192+00	195+93	RT	395	SEE SHEET B2
280+12	283+78	LT	365	SEE SHEET B2
280+36	283+73	RT	340	SEE SHEET B2
		TOTAL	~~6,790~~	3,446.0

627(10) ADJUST EXISTING VALVE BOX

STATION	OFFSET	REMARKS
6+70	19.5' RT	
~~9+18~~	~~10' LT~~	Not Needed
85+40	21' Lt	
182+50	19' Lt	
182+53	23.5' Lt	
182+54	18.5' Lt	

GUARDRAIL NOTES:

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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA · 49th · KEITH B. KARPSTEIN · CE-12984 · REGISTERED PROFESSIONAL ENGINEER

11/5/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

SUMMARIES

PATH: O:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG
TAB: C3 Friday, October 25, 2013 8:43:41 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C3	87

639(3) APPROACH

STA	OFFSET	ADDRESS #	WIDTH (FT)	LENGTH (FT)	REMARKS
5+96	LT	3555	32.8	5' APRON	EXISTING PAVED
6+48	RT	TRUNCO CONST & PETRO MARINE	57.5	5' APRON	EXISTING PAVED
10+46	RT	3660	64	5' APRON	EXISTING PAVED AND UNPAVED
11+61	RT	3670	21.4	5' APRON	EXISTING PAVED
12+48	LT	3655 & 3657	22.8	5' APRON	EXISTING UNPAVED
14+49	RT	3700, 3740 & 3750	55	5' APRON	EXISTING PAVED
15+46	LT	3741	26.5	5' APRON	EXISTING UNPAVED
16+27	LT	3781, 3785 & 3795	20	5' APRON	EXISTING UNPAVED
16+52	RT	3780	77.3	5' APRON	EXISTING PAVED
18+50	LT	3819	23	5' APRON	EXISTING PAVED
18+56	RT	3810, 3812	62.3	5' APRON	EXISTING PAVED AND UNPAVED
19+53	RT	3824, 3824A, 3828	45	5' APRON	EXISTING PAVED AND UNPAVED
20+53	RT	3830	76	5' APRON	EXISTING PAVED AND UNPAVED
20+78	LT	3825 & 3835	33	5' APRON	EXISTING PAVED
21+36	RT	3840, 3850	43	5' APRON	EXISTING PAVED
21+97	LT	3845	19	5' APRON	EXISTING PAVED
22+45	RT		52	5' APRON	EXISTING PAVED
22+83	RT		20	5' APRON	EXISTING PAVED
23+17	RT	3860	32	5' APRON	EXISTING PAVED
23+19	LT	3917	48	5' APRON	EXISTING UNPAVED
24+01	RT		72	5' APRON	EXISTING PAVED AND UNPAVED
25+28	LT	3925	22	5' APRON	EXISTING PAVED
25+44	RT	3910	25	5' APRON	EXISTING PAVED
26+88	RT	3930 & 3932	30	5' APRON	EXISTING PAVED
27+67	RT		17	5' APRON	EXISTING PAVED
28+40	RT	3970	64	5' APRON	EXISTING PAVED AND UNPAVED
29+00	RT		21	5' APRON	EXISTING PAVED
29+63	RT	3980	20	+/- 3' APRON	MATCH TO EXISTING TIMBER DECK
29+89	LT	4001	15	5' APRON	EXISTING PAVED
30+24	RT	4020	39	5' APRON	EXISTING PAVED
32+00	LT	4025	19	5' APRON	EXISTING PAVED
32+40	RT	4030	16	5' APRON	EXISTING UNPAVED
32+78	RT	4050	17	5' APRON	EXISTING UNPAVED
34+41	LT	4039	16	5' APRON	EXISTING PAVED
35+96	LT	4055	31	5' APRON	EXISTING UNPAVED
39+53	LT		44	5' APRON	EXISTING UNPAVED
40+82	RT	4220	111	5' APRON	EXISTING PAVED
41+33	LT	4225	17	5' APRON	EXISTING PAVED
42+87	LT	4275	17	5' APRON	EXISTING PAVED
42+96	RT	4260 & 4262	76	5' APRON	EXISTING UNPAVED
43+57	RT	4280	28	5' APRON	EXISTING PAVED
44+92	LT	4305	27	5' APRON	EXISTING PAVED
45+42	RT	4300	119	5' APRON	EXISTING PAVED
46+63	RT	4340	66	5' APRON	EXISTING PAVED AND UNPAVED
47+59	LT	4355	18	5' APRON	EXISTING PAVED
48+28	RT	4360	35	5' APRON	EXISTING PAVED
48+83	RT		18	5' APRON	EXISTING PAVED
49+64	RT	4370 & 4372	23	5' APRON	EXISTING PAVED
49+79	LT	4365	29	5' APRON	EXISTING PAVED
50+61	RT	4410 & 4412	78	5' APRON	EXISTING PAVED AND UNPAVED
51+18	RT		18	5' APRON	EXISTING UNPAVED
51+33	LT	4425	23	5' APRON	EXISTING UNPAVED

639(3) APPROACH

STA	OFFSET	ADDRESS #	WIDTH (FT)	LENGTH (FT)	REMARKS
51+56	RT	4420	35	5' APRON	EXISTING UNPAVED
52+09	LT	4435	17	5' APRON	EXISTING UNPAVED
52+53	LT	4455	21	5' APRON	EXISTING PAVED
52+53	RT	4470	23	5' APRON	EXISTING PAVED
53+15	RT	4480	16	5' APRON	EXISTING PAVED
53+99	RT	4480	23	5' APRON	EXISTING PAVED
54+19	LT	4475	32	5' APRON	EXISTING PAVED
55+54	LT	4485	19	5' APRON	EXISTING PAVED
56+33	RT	4492	21	5' APRON	EXISTING PAVED
57+45	LT	4525	17	5' APRON	EXISTING PAVED
57+95	LT	4535	17	5' APRON	EXISTING PAVED
58+69	LT	4535	20	5' APRON	EXISTING PAVED
58+94	RT	4570	25	5' APRON	EXISTING PAVED
59+33	RT		20	5' APRON	EXISTING PAVED
60+20	RT	4600	28	5' APRON	EXISTING PAVED
67+65	LT	AMC JEEP	163	5' APRON	EXISTING PAVED
69+43	LT	GLACIER STATE CONST	30	5' APRON	EXISTING PAVED
71+19	LT	GLACIER STATE CONST	33	5' APRON	EXISTING PAVED AND UNPAVED
71+99	RT	4750, 4754 & 4770	31	5' APRON	EXISTING PAVED
76+21	LT	GLACIER STATE CONST	36	5' APRON	EXISTING UNPAVED
77+35	RT	4910	29	5' APRON	EXISTING PAVED
81+45	LT	5025	62	5' APRON	EXISTING PAVED
82+99	LT	5025	20	5' APRON	EXISTING PAVED
83+22	RT	5050			NOT CONSIDERED AS DRIVEWAY WORK
83+93	LT	5045	33	5' APRON	EXISTING PAVED
84+28	RT		24	5' APRON	EXISTING PAVED
87+24	RT		20	5' APRON	EXISTING UNPAVED
87+53	LT	5115	21	5' APRON	EXISTING UNPAVED
88+45	LT	5125	25	5' APRON	EXISTING PAVED
88+66	RT		22	5' APRON	EXISTING UNPAVED
88+85	RT	5140	18	5' APRON	EXISTING PAVED
89+15	LT	5165	26	5' APRON	EXISTING UNPAVED
89+81	LT		28	5' APRON	EXISTING PAVED
90+25	LT	5167	53	5' APRON	EXISTING PAVED
90+27	RT	5160	31	5' APRON	EXISTING PAVED
90+74	RT	5190	35	5' APRON	EXISTING PAVED
91+70	LT	5191	49	5' APRON	EXISTING UNPAVED
92+00	RT	5200	67	5' APRON	EXISTING PAVED
92+49	LT	5253	18	5' APRON	EXISTING PAVED
92+49	RT		12	5' APRON	EXISTING PAVED
92+89	RT		57	5' APRON	EXISTING PAVED
93+51	LT	5255	23	5' APRON	EXISTING PAVED AND UNPAVED
93+71	RT	5260	92	5' APRON	EXISTING PAVED
95+03	LT	5275	39	5' APRON	EXISTING PAVED
95+97	RT	5270	20	5' APRON	EXISTING PAVED
96+96	RT	5292	15	5' APRON	EXISTING PAVED
97+10	LT	5295	18	5' APRON	EXISTING PAVED
97+68	RT	5300	28	5' APRON	EXISTING PAVED
99+40	LT	5323 & 5325	20	5' APRON	EXISTING PAVED
100+49	LT	5355, 5357, 5383 & 5385	18	5' APRON	EXISTING PAVED
101+00	RT	5360	32	5' APRON	EXISTING UNPAVED
101+76	RT	5450	23	5' APRON	EXISTING PAVED
102+28	LT	5405	24	5' APRON	EXISTING PAVED

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th KEITH L KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER

9/9/13

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

SUMMARIES

PATH: Q:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG

TAB: C4 Sunday, September 08, 2013 11:39:24 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C4	87

639(3) APPROACH

STA	OFFSET	ADDRESS #	WIDTH (FT)	LENGTH (FT)	REMARKS
105+45	LT	5475	15	5' APRON	EXISTING PAVED
106+39	RT	5470	22	5' APRON	EXISTING UNPAVED
108+63	LT	5525	25	5' APRON	EXISTING PAVED AND UNPAVED
109+23	LT	5545	18	5' APRON	EXISTING UNPAVED
109+73	RT	5550	21	5' APRON	EXISTING PAVED
110+53	LT	5547	22	5' APRON	EXISTING PAVED
111+47	RT	5580	84	5' APRON	EXISTING UNPAVED
113+57	LT	5651	27	5' APRON	EXISTING PAVED
114+40	RT	5630	75	5' APRON	EXISTING UNPAVED
115+55	RT	5650	18	5' APRON	EXISTING UNPAVED
116+41	LT	5655	17	5' APRON	EXISTING PAVED
116+41	RT	5660	24	5' APRON	EXISTING PAVED
116+85	RT	5680	18	5' APRON	EXISTING PAVED
117+44	LT	5675	28	5' APRON	EXISTING UNPAVED
117+82	RT	5730	20	5' APRON	EXISTING PAVED
118+65	RT	5730	21	5' APRON	EXISTING PAVED
119+51	RT		20	5' APRON	EXISTING PAVED
119+67	LT	5665	15	5' APRON	EXISTING PAVED
120+94	RT	5734	35	5' APRON	EXISTING PAVED
121+50	LT		14	5' APRON	EXISTING UNPAVED
122+13	LT	5795	18	5' APRON	EXISTING PAVED
122+18	RT		15	5' APRON	EXISTING UNPAVED
123+28	LT	5825 & 5827	21	5' APRON	EXISTING PAVED
123+97	LT	5821 & 5823	34	5' APRON	EXISTING PAVED
124+66	RT	5820 & 5850	87	5' APRON	EXISTING PAVED
125+42	LT	5845 & 5855	18	5' APRON	EXISTING PAVED
127+61	LT	5875	21	5' APRON	EXISTING PAVED
127+71	RT	5880 & 5900	84	5' APRON	EXISTING PAVED
128+29	LT	5895	25	5' APRON	EXISTING UNPAVED
128+85	LT	5915	25	5' APRON	EXISTING PAVED
130+95	LT	5953, 5955 & 5957	34	5' APRON	EXISTING PAVED
131+09	RT	5950	26	5' APRON	EXISTING UNPAVED
131+60	LT	5959, 5985, 5989B & 6015	41	5' APRON	EXISTING PAVED
132+09	RT	5960	30	5' APRON	TIMBER DECK DRIVEWAY
133+76	RT	5990	33	5' APRON	EXISTING PAVED AND UNPAVED
135+46	RT	6010	27	5' APRON	EXISTING PAVED
136+19	RT		20	5' APRON	EXISTING UNPAVED
137+11	RT	6050	26	5' APRON	EXISTING PAVED
139+84	LT		61	5' APRON	EXISTING PAVED AND UNPAVED
140+98	RT	6090	21	5' APRON	EXISTING PAVED
141+37	LT		42	5' APRON	EXISTING UNPAVED
141+78	RT	6150	90	5' APRON	EXISTING PAVED AND UNPAVED
143+43	RT		130	5' APRON	EXISTING UNPAVED
145+21	LT	6205	24	5' APRON	EXISTING UNPAVED
146+32	RT	6250	27	5' APRON	EXISTING PAVED
148+13	LT	6275	30	5' APRON	EXISTING PAVED
148+97	RT	6260, 6270A, 6270B & 6270C	77	5' APRON	EXISTING UNPAVED
149+96	RT	6300	23	5' APRON	EXISTING PAVED
152+41	RT	6330	16	5' APRON	EXISTING PAVED
153+02	LT	6335	25	5' APRON	EXISTING UNPAVED
153+70	LT		21	5' APRON	EXISTING PAVED
155+15	RT		17.0	5' APRON	EXISTING UNPAVED
155+62	RT	6380	17	5' APRON	EXISTING PAVED
199+73	Rt				
207+06	Rt				

639(3) APPROACH

STA	OFFSET	ADDRESS #	WIDTH (FT)	LENGTH (FT)	REMARKS
155+86	RT	6390	15	5' APRON	EXISTING PAVED
155+96	LT	6395	23	5' APRON	EXISTING UNPAVED
157+10	RT	6430	20	5' APRON	EXISTING PAVED
157+98	RT	6440	32	5' APRON	EXISTING PAVED
158+25	LT	6425	21	5' APRON	EXISTING PAVED
159+18	RT		15	5' APRON	EXISTING PAVED
160+58	RT	6488 & 6490	24	5' APRON	EXISTING PAVED
160+63	LT	6455	15	5' APRON	EXISTING PAVED
161+94	LT	6493, 6495, 6501 & 6503	26	5' APRON	EXISTING UNPAVED
162+22	RT	6520	18	5' APRON	EXISTING PAVED
162+88	LT	6521 & 6523	23	5' APRON	EXISTING PAVED
163+01	RT	6550	53	5' APRON	EXISTING UNPAVED
164+46	RT		21	5' APRON	EXISTING PAVED
164+56	LT	6615	21	5' APRON	EXISTING PAVED
167+04	RT	6606	30	5' APRON	EXISTING PAVED
167+41	LT	6625	23	5' APRON	EXISTING PAVED
168+72	LT	6645	28	5' APRON	EXISTING PAVED
169+12	RT	6640	19	5' APRON	EXISTING PAVED
169+51	RT	6680	20'	5' APRON	EXISTING PAVED
170+36	LT	6655	16	5' APRON	EXISTING PAVED
171+18	LT		20	5' APRON	EXISTING UNPAVED
174+03	RT	6710	14'	5' APRON	EXISTING PAVED
181+65	RT	ERA HELIPORT	35	5' APRON	EXISTING PAVED
187+95	LT		19	5' APRON	EXISTING PAVED
190+77	RT		22	5' APRON	BUS TURN AROUND - EXISTING UNPAVED
191+83	RT	7168	29	5' APRON	EXISTING PAVED
192+35	LT	7081, 7091 & 7101	35	5' APRON	EXISTING UNPAVED
193+98	LT	7125 & 7135	73	5' APRON	EXISTING PAVED
196+10	RT	7174	25	5' APRON	EXISTING PAVED
196+44	LT	7303	38	5' APRON	EXISTING UNPAVED
196+47	RT	7322	27	5' APRON	EXISTING PAVED
197+31	RT		66	5' APRON	EXISTING UNPAVED
198+85	LT	7337	37	5' APRON	EXISTING UNPAVED
199+24	RT	7348	76	5' APRON	EXISTING PAVED AND UNPAVED
202+10	RT	7380	27	5' APRON	EXISTING PAVED
202+53	RT	7380	25	5' APRON	EXISTING PAVED
203+30	LT		24	5' APRON	EXISTING UNPAVED
203+54	RT	7400	47	5' APRON	EXISTING PAVED AND UNPAVED
204+95	RT	7460	19	5' APRON	EXISTING PAVED
205+42	RT		22	5' APRON	EXISTING PAVED
206+29	LT	7455	29	5' APRON	EXISTING UNPAVED
206+72	LT	7485	25	5' APRON	EXISTING UNPAVED
206+72	RT		21	5' APRON	EXISTING PAVED
207+06	RT	7480	35	5' APRON	EXISTING PAVED
208+67	LT		20	5' APRON	EXISTING PAVED
209+37	LT	7513	27	5' APRON	EXISTING UNPAVED
210+28	RT		46	5' APRON	FIVE MILE PULL OUT
210+56	LT	7545	20	5' APRON	EXISTING UNPAVED
212+03	LT	7595	30	5' APRON	EXISTING UNPAVED
213+19	RT	7608	75	5' APRON	EXISTING PAVED AND UNPAVED
213+59	LT	7625	30	5' APRON	EXISTING UNPAVED
214+45	RT	7608	23	5' APRON	EXISTING UNPAVED
215+07	RT	7640	16	5' APRON	EXISTING PAVED
173+80	LT				BONNIE DOON STREET
195+00	LT				

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

PE _____ Date 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th KEITH B. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 9/9/13

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

SUMMARIES

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER
PATH: Q:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG
TAB: C5 Sunday, September 08, 2013 11:41:27 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C5	87

639(3) APPROACH

STA	OFFSET	ADDRESS #	WIDTH (FT)	LENGTH (FT)	REMARKS
215+50	RT	7640	13	5' APRON	EXISTING PAVED
216+29	LT	7635 & 7655	22	5' APRON	EXISTING UNPAVED
216+88	RT	7670 & 7670B	40	5' APRON	EXISTING UNPAVED
217+23	LT	7677	26	5' APRON	EXISTING PAVED
218+60	RT	7700	18	5' APRON	EXISTING PAVED
219+41	LT	7701	17	5' APRON	EXISTING PAVED
220+61	LT	7737	22	5' APRON	EXISTING PAVED
220+87	RT	7730	25	5' APRON	EXISTING PAVED
221+51	RT	7750	22	5' APRON	EXISTING UNPAVED
221+85	LT	7745 & 7753	25	5' APRON	EXISTING PAVED
222+25	LT		24	5' APRON	EXISTING PAVED
223+30	LT		45	5' APRON	EXISTING PAVED
224+60	LT	7883	37	5' APRON	EXISTING PAVED AND UNPAVED
224+87	RT	7800	22	5' APRON	EXISTING UNPAVED
227+15	RT	7850	18	5' APRON	EXISTING PAVED
227+90	LT		30	5' APRON	EXISTING PAVED
228+87	RT		24	5' APRON	EXISTING PAVED
228+87	LT	7887	27	5' APRON	EXISTING PAVED
230+27	LT	7909	28	5' APRON	EXISTING UNPAVED
231+05	LT	7925	22	5' APRON	EXISTING PAVED
231+99	RT	7940	19	5' APRON	EXISTING PAVED
232+27	LT	7943	21	5' APRON	EXISTING PAVED
232+81	RT	7950	19	5' APRON	EXISTING PAVED
234+82	RT	8000	16	5' APRON	EXISTING PAVED
235+12	LT	7995	16	5' APRON	EXISTING PAVED
236+07	LT	8037	19	5' APRON	EXISTING PAVED
236+52	RT	8030	16	5' APRON	EXISTING PAVED
237+18	LT	8037	23	5' APRON	EXISTING PAVED
238+66	LT	8063	17	5' APRON	EXISTING PAVED
239+94	RT	8100	24	5' APRON	EXISTING PAVED
241+56	LT	8143	20	5' APRON	EXISTING PAVED
243+53	RT	8170	21	5' APRON	EXISTING PAVED
243+55	LT	8153, 8163 & 8173	25	5' APRON	EXISTING PAVED
245+68	LT	8221	19	5' APRON	EXISTING PAVED
246+47	LT	8223	30	5' APRON	EXISTING PAVED AND UNPAVED
247+09	LT	8223	20	5' APRON	EXISTING UNPAVED
248+97	RT	8250 & 8270	22	5' APRON	EXISTING PAVED
249+10	LT	8265	20	5' APRON	EXISTING PAVED
249+98	LT	8267	23	5' APRON	EXISTING PAVED
251+21	RT	8300	21	5' APRON	EXISTING UNPAVED
251+79	LT	8317	20	5' APRON	EXISTING UNPAVED
253+01	LT	8367	30	5' APRON	EXISTING UNPAVED
253+33	RT	8366	21	5' APRON	EXISTING UNPAVED
255+37	LT	8393	39	5' APRON	EXISTING PAVED
255+97	RT		34	5' APRON	EXISTING UNPAVED
257+04	RT	8438	21	5' APRON	EXISTING PAVED
257+49	LT	8437	17	5' APRON	EXISTING UNPAVED
259+86	RT	8470	21	5' APRON	EXISTING PAVED
260+66	LT	8463	27	5' APRON	EXISTING PAVED
260+99	RT	8480	21	5' APRON	EXISTING PAVED
261+25	LT	8463	21	5' APRON	EXISTING PAVED
262+75	RT	8500	24	5' APRON	EXISTING UNPAVED
263+69	LT	8525	19	5' APRON	EXISTING UNPAVED
228+18	LT				SKI STREET
302+45	LT				

639(3) APPROACH

STA	OFFSET	ADDRESS #	WIDTH (FT)	LENGTH (FT)	REMARKS
265+06	LT	8529	22	5' APRON	EXISTING PAVED
265+75	RT	8530	24	5' APRON	EXISTING PAVED
266+15	LT	8551	24	5' APRON	EXISTING PAVED
267+79	LT	8561	18	5' APRON	EXISTING UNPAVED
268+14	RT	8544	28	5' APRON	EXISTING PAVED AND UNPAVED
270+41	LT	8687	18	5' APRON	EXISTING UNPAVED
270+38	RT	8746	18	5' APRON	EXISTING PAVED
272+19	RT	8750	15	5' APRON	EXISTING PAVED
272+46	RT	8752	18	5' APRON	EXISTING PAVED
272+35	LT	8731	65	5' APRON	COMBINED DRIVEWAY WITH FIRE HYDRANT EXISTING UNPAVED
272+72	LT	8751			
276+07	LT	8833	28	5' APRON	EXISTING UNPAVED
276+18	RT	8830	20	5' APRON	EXISTING UNPAVED
277+76	RT	8844 & 8866	22	5' APRON	EXISTING PAVED
279+23	LT	8853 & 8863	23	5' APRON	EXISTING UNPAVED
279+83	RT	8870	17	5' APRON	EXISTING PAVED
283+89	RT	8940	17	5' APRON	EXISTING PAVED
283+92	LT	8929	20	5' APRON	EXISTING PAVED
285+25	RT	8982	17	5' APRON	EXISTING PAVED
285+52	LT	8963	24	5' APRON	EXISTING PAVED
287+56	RT	8992	17	5' APRON	EXISTING PAVED
288+81	RT	9060	22	5' APRON	EXISTING PAVED
289+23	RT	9066	22	5' APRON	EXISTING PAVED
290+08	RT	9070	23	5' APRON	EXISTING PAVED
290+71	LT	9077	26	5' APRON	EXISTING PAVED
291+19	RT	9096 & 9100	53	5' APRON	EXISTING PAVED
291+26	LT	9087	25	5' APRON	EXISTING PAVED
292+91	LT	9123	20	5' APRON	EXISTING PAVED
294+14	RT	9120, 9128 & 9130	27	5' APRON	EXISTING PAVED
295+51	LT	9161	19	5' APRON	EXISTING PAVED
295+73	RT	9160	22	5' APRON	EXISTING PAVED
296+30	LT	9173	24	5' APRON	EXISTING PAVED
297+39	RT	9180	17	5' APRON	EXISTING PAVED
297+60	LT	9223	18	5' APRON	EXISTING PAVED
299+94	RT	9200	18	5' APRON	EXISTING PAVED
300+34	LT	9247	22	5' APRON	EXISTING PAVED
301+95	RT	9240	18	5' APRON	EXISTING PAVED
302+53	RT	9340	18	5' APRON	EXISTING UNPAVED
304+56	RT	9350 & 9360	19	5' APRON	EXISTING PAVED
305+31	LT	9361, 9363A & 9363B	19	5' APRON	EXISTING PAVED
306+08	RT	9370	26	5' APRON	EXISTING PAVED
306+17	LT	9367	19	5' APRON	EXISTING PAVED
306+96	RT	9374	17	5' APRON	EXISTING PAVED
308+75	LT	9369 & 9371	25	5' APRON	EXISTING UNPAVED
308+90	RT	9430	20	5' APRON	EXISTING PAVED
309+15	LT	9375	23	5' APRON	EXISTING UNPAVED
310+54	RT	9436	21	5' APRON	BLUE BERRY LODGE - EXISTING PAVED
311+88	RT	9440, 9500 & 9510	142	5' APRON	EXISTING PAVED
312+06	LT	9445	19	5' APRON	EXISTING UNPAVED

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH E. KARPSTEIN
49th
CE-12904
REGISTERED PROFESSIONAL ENGINEER

4/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

SUMMARIES

PATH: Q:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG

TAB: C6 Sunday, September 08, 2013 11:43:08 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C6	87

642(9) REFERENCE EXISTING MONUMENT

STATION	OFFSET	REMARKS
2+75.16	8.76' LT	
2+97.72	31.46' RT	
3+25.55	2.35' LT	
12+57.93	CL MON	PI
21+47.72	CL MON	PI
33+63.23	CL MON	PC
42+43.21	CL MON	PT
62+47.52	CL MON	PC
67+29.55	CL MON	PT
70+31.00	CL MON	PC
74+47.42	CL MON	PT (POSSIBILY BURIED UNDER PAVEMENT)
76+68.50	CL MON	PC (POSSIBILY BURIED UNDER PAVEMENT)
77+90.97	5.25' RT	PI
79+13.45	CL MON	PT (POSSIBILY BURIED UNDER PAVEMENT)
83+83.90	CL MON	PC
88+35.34	CL MON	PT
94+07.89	CL MON	PC
99+41.69	CL MON	PT
122+91.82	CL MON	PI
144+18.53	CL MON	PC (POSSIBILY BURIED UNDER PAVEMENT)
145+54.86	1.63' RT	PI
146+91.18	CL MON	PT (POSSIBILY BURIED UNDER PAVEMENT)
163+69.86	CL MON	PI
180+18.10	CL MON	PI
191+46.05	CL MON	PC
206+03.05	CL MON	PT
222+99.91	CL MON	PC
239+10.46	CL MON	PT
245+29.43	CL MON	PC
250+77.85	CL MON	PT
252+93.42	CL MON	PC
258+73.03	CL MON	PT
272+93.81	CL MON	PC
279+72.96	CL MON	PT
282+42.50	CL MON	PC
289+87.66	CL MON	PT

642(11) ADJ EXISTING MONUMENT CASE

STATION	OFFSET	REMARKS
2+75.16	8.76' LT	
2+97.72	31.46' RT	
3+25.55	2.35' LT	
12+57.93	CL MON	PI
21+47.72	CL MON	PI
33+63.23	CL MON	PC
42+43.21	CL MON	PT
62+47.52	CL MON	PC
67+29.55	CL MON	PT
70+31.00	CL MON	PC
74+47.42	CL MON	PT (POSSIBILY BURIED UNDER PAVEMENT)
76+68.50	CL MON	PC (POSSIBILY BURIED UNDER PAVEMENT)
77+90.97	5.25' RT	PI
79+13.45	CL MON	PT (POSSIBILY BURIED UNDER PAVEMENT)
83+83.90	CL MON	PC
88+35.34	CL MON	PT
94+07.89	CL MON	PC
99+41.69	CL MON	PT
122+91.82	CL MON	PI
144+18.53	CL MON	PC (POSSIBILY BURIED UNDER PAVEMENT)
145+54.86	1.63' RT	PI
146+91.18	CL MON	PT (POSSIBILY BURIED UNDER PAVEMENT)
163+69.86	CL MON	PI
180+18.10	CL MON	PI
191+46.05	CL MON	PC
206+03.05	CL MON	PT
222+99.91	CL MON	PC
239+10.46	CL MON	PT
245+29.43	CL MON	PC
250+77.85	CL MON	PT
252+93.42	CL MON	PC
258+73.03	CL MON	PT
272+93.81	CL MON	PC
279+72.96	CL MON	PT
282+42.50	CL MON	PC
289+87.66	CL MON	PT

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th KEITH L. KARPSTEIN, P.E. CE-12984 REGISTERED PROFESSIONAL ENGINEER

9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

SUMMARIES

PATH: Q:\JNU\67531\PLANSET\67531_C1-C7_SUMS.DWG

TAB: C7 Sunday, September 08, 2013 11:47:08 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	C7	87

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
1	YIELD AHEAD (SYMBOL)	2+54	LT	W3-2	36	36	9.00	2.5 PST	4'-6"	WB	
2	STOP	2+59	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
3	Sitka St	2+59	LT	D3-1	36	12	3.00	-	-	NB/SB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #2
4	NO PARKING ANY TIME	3+05	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
5	BIKE ROUTE (SYMBOL)	3+45	RT	D11-1	30	24	5.00	2.5 PST	4'-6"	EB	
6	ROUNDABOUT AHEAD (SYMBOL)	3+62	LT	W2-6	36	36	9.00	2.5 PST	4'-6"	WB	
7	20 M.P.H.	3+62	LT	W13-1	24	24	4.00	-	-	WB	MOUNT BELOW SIGN #6
8	Kowee Creek	3+90	RT	I-3	54	36	13.50	(2) 2.5 PST	4'-6"	EB	USE Em FONT 8"/6" LETTER SIZE
9	OBJECT MARKER (TYPE 3)	4+22	RT	OM-3R	12	36	3.00	2.5 PST	4'-6"	EB	
10	OBJECT MARKER (TYPE 3)	4+22	LT	OM-3L	12	36	3.00	2.5 PST	4'-6"	EB	
11	OBJECT MARKER (TYPE 3)	5+36	LT	OM-3R	12	36	3.00	2.5 PST	4'-6"	WB	
12	OBJECT MARKER (TYPE 3)	5+36	RT	OM-3L	12	36	3.00	2.5 PST	4'-6"	WB	
13	Kowee Creek	5+62	LT	I-3	54	36	13.50	(2) 2.5 PST	4'-6"	WB	USE Em FONT 8"/6" LETTER SIZE
14	NO PARKING ANY TIME	5+78	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
15	ADOPT A HIGHWAY	7+11	RT	I-150	30	24	5.00	2.5 PST	4'-6"	EB	
16	Yaakoosge Daakahidi Alternative High School	7+11	RT	I-150	30	12	2.50	-	-	EB	MOUNT BELOW SIGN #15
17	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	7+62	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
18	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	7+64	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
19	MILE MARKER (1)	8+20	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #20
20	MILE MARKER (1)	8+20	RT	D10-1	10	18	1.25	-	-	WB	MOUNT BEHIND SIGN #19
21	SPEED LIMIT 45	8+67	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
22	SPEED LIMIT 30	8+67	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	WB	
23	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	9+69	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
24	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	22+14	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
25	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	22+61	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
26	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	23+44	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
27	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	49+31	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
28	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	49+40	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
29	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	57+58	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
30	SPEED LIMIT 45	58+35	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
31	SPEED LIMIT 45	59+69	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	WB	
32	MILE MARKER (2)	61+00	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #33
33	MILE MARKER (2)	61+00	RT	D10-1	10	18	1.25	-	-	WB	MOUNT BEHIND SIGN #32
34	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	72+54	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
35	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	76+66	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
36	SLIPPERY WHEN WET (SYMBOL)	76+87	RT	W8-5	36	36	9.00	2.5 PST	4'-6"	EB	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 4/22/16

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th
DAVID B. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

SIGN SUMMARY

PATH: C:\JNU\67531\PLANSET\67531_D1-D3_SIGN SUMS.DWG

TAB: D1 Sunday, September 08, 2013 11:57:02 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020)~67531	2013	D1	87

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
37	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	80+98	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
38	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	80+98	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
39	CURVE (ARROW) SYMBOL (LEFT)	81+82	RT	W1-2L	36	36	9.00	2.5 PST	4'-6"	EB	
40	40 M.P.H.	81+82	RT	W13-1	24	24	4.00	-	-	EB	MOUNT BELOW SIGN #39
41	CHEVRON (SYMBOL)	83+59	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #42
42	CHEVRON (SYMBOL)	83+59	RT	W1-8R	24	30	5.00	-	-	WB	MOUNT BEHIND SIGN #41
43	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	84+71	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
44	CHEVRON (SYMBOL)	84+97	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #45
45	CHEVRON (SYMBOL)	84+97	RT	W1-8R	24	30	5.00	-	-	WB	MOUNT BEHIND SIGN #44
46	CHEVRON (SYMBOL)	85+82	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #47
47	CHEVRON (SYMBOL)	85+82	RT	W1-8R	24	30	5.00	-	-	WB	MOUNT BEHIND SIGN #46
48	CHEVRON (SYMBOL)	86+63	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #49
49	CHEVRON (SYMBOL)	86+63	RT	W1-8R	24	30	5.00	-	-	WB	MOUNT BEHIND SIGN #48
50	CHEVRON (SYMBOL)	87+73	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #51
51	CHEVRON (SYMBOL)	87+73	RT	W1-8R	24	30	5.00	-	-	WB	MOUNT BEHIND SIGN #50
52	CURVE (ARROW) SYMBOL (RIGHT)	91+99	LT	W1-2R	36	36	9.00	2.5 PST	4'-6"	WB	
53	40 M.P.H.	91+99	LT	W13-1	24	24	4.00	-	-	WB	MOUNT BELOW SIGN #52
54	SLIPPERY WHEN WET (SYMBOL)	99+92	LT	W8-5	36	36	9.00	2.5 PST	4'-6"	WB	
55	SPEED LIMIT 45	102+28	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
56	ADOPT A HIGHWAY	107+49	LT	I-150	30	24	5.00	2.5 PST	4'-6"	WB	
57	Yaakoosge Daakahidi Alternative High School	107+49	LT	I-150	30	12	2.50	-	-	WB	MOUNT BELOW SIGN #56
58	MILE MARKER (3)	113+80	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #59
59	MILE MARKER (3)	113+80	RT	D10-1	10	18	1.25	-	-	WB	MOUNT BEHIND SIGN #58
60	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	126+50	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
61	NO PARKING ANY TIME (ARROW RT)	136+04	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
62	NO PARKING ANY TIME (ARROW LT)	136+65	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	
63	NO PARKING ANY TIME (ARROW RT)	143+53	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
64	NO PARKING ANY TIME (ARROW LT)	143+93	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	
65	NO PARKING ANY TIME (ARROW RT)	144+82	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
66	NO PARKING ANY TIME (ARROW LT)	145+07	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	
67	NO PARKING ANY TIME (ARROW RT)	151+79	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
68	NO PARKING ANY TIME (ARROW LT)	152+21	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	
69	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	154+49	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
70	NO PARKING ANY TIME (ARROW RT)	159+13	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
71	NO PARKING ANY TIME (ARROW LT)	159+65	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	
72	NO PARKING ANY TIME (ARROW RT)	164+95	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
73	NO PARKING ANY TIME (ARROW LT)	165+32	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID R. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

SIGN SUMMARY

PATH: Q:\JNU\67531\PLANSET\67531_D1-D3_SIGN SUMS.DWG
TAB: D2 Sunday, September 08, 2013 11:53:56 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020)~67531	2013	D2	87

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
74	MILE MARKER (4)	166+60	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #75
75	MILE MARKER (4)	166+60	RT	D10-1	10	18	1.25	-	-	WB	MOUNT BEHIND SIGN #74
76	NO PARKING ANY TIME (ARROW RT)	172+46	LT	R7-101R	12	18	1.50	2.5 PST	4'-6"	NB	
77	NO PARKING ANY TIME (ARROW LT)	172+90	LT	R7-101L	12	18	1.50	2.5 PST	4'-6"	NB	
78	STOP	173+48	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
79	Bonnie Doon St	173+48	LT	D3-1	54	12	4.50	-	-	EB/WB	(USE FONT SERIES B, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #78
80	N Douglas Hwy	173+48	LT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES B, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #79
81	NO PARKING ANY TIME	174+13	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	SB	
82	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	177+82	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
83	STOP	182+22	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
84	Wee Burn Dr	182+22	LT	D3-1	48	12	4.00	-	-	EB/WB	(USE FONT SERIES B, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #83
85	N Douglas Hwy	182+22	LT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES B, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #84
86	NO PARKING BUS TURN AROUND	190+57	RT	R7-CUSTOM	12	18	1.50	2.5 PST	4'-6"	SB	
87	SPEED LIMIT 45	190+68	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	WB	
88	NO PARKING ANY TIME (←→)	190+64	RT	R7-101LR	12	18	1.50	2.5 PST	4'-6"	SB	
89	NO PARKING BUS TURN AROUND	191+02	RT	R7-CUSTOM	12	18	1.50	2.5 PST	4'-6"	SB	
90	SPEED LIMIT 45	191+29	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
91	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	199+83	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
92	MILE MARKER (5)	219+40	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #93
93	MILE MARKER (5)	219+40	RT	D10-1	10	18	1.25	-	-	WB	MOUNT BEHIND SIGN #92
94	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	253+90	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
95	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	253+90	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
96	ADOPT A HIGHWAY	270+82	LT	I-150	30	24	5.00	2.5 PST	4'-6"	WB	
97	MILE MARKER (6)	272+10	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	EB	MOUNT BEHIND SIGN #98
98	MILE MARKER (6)	272+10	RT	D10-1	10	18	1.25	-	-	WB	MOUNT BEHIND SIGN #97
99	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	280+01	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
100	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	280+16	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
101	SPEED LIMIT 45	294+92	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	WB	
102	STOP	302+17	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
103	Ski St	302+17	LT	D3-1	30	12	2.50	-	-	EB/WB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #102
104	N Douglas Hwy	302+17	LT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES B, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #103
105	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	309+85	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	WB	
106	NO PARKING ON PAVEMENT OR WITHIN 8 FEET	309+85	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	EB	
107	← Eaglecrest Ski Area	312+68	RT	D1-2-1	90	36	22.50	(2) 2.5 PST	4'-6"	EB	Emod 8" UPPER CASE / 6" LOWER CASE
108	NO OVER NIGHT PARKING	312+68	RT	CUSTOM	24	30	5.00	-	-	EB	RED FONT - WHITE BACKGROUND, 4" UPPERCASE LETTERS (MOUNT UNDER SIGN #107)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 4/22/14

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID A. EPSTEIN
CE-6862
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

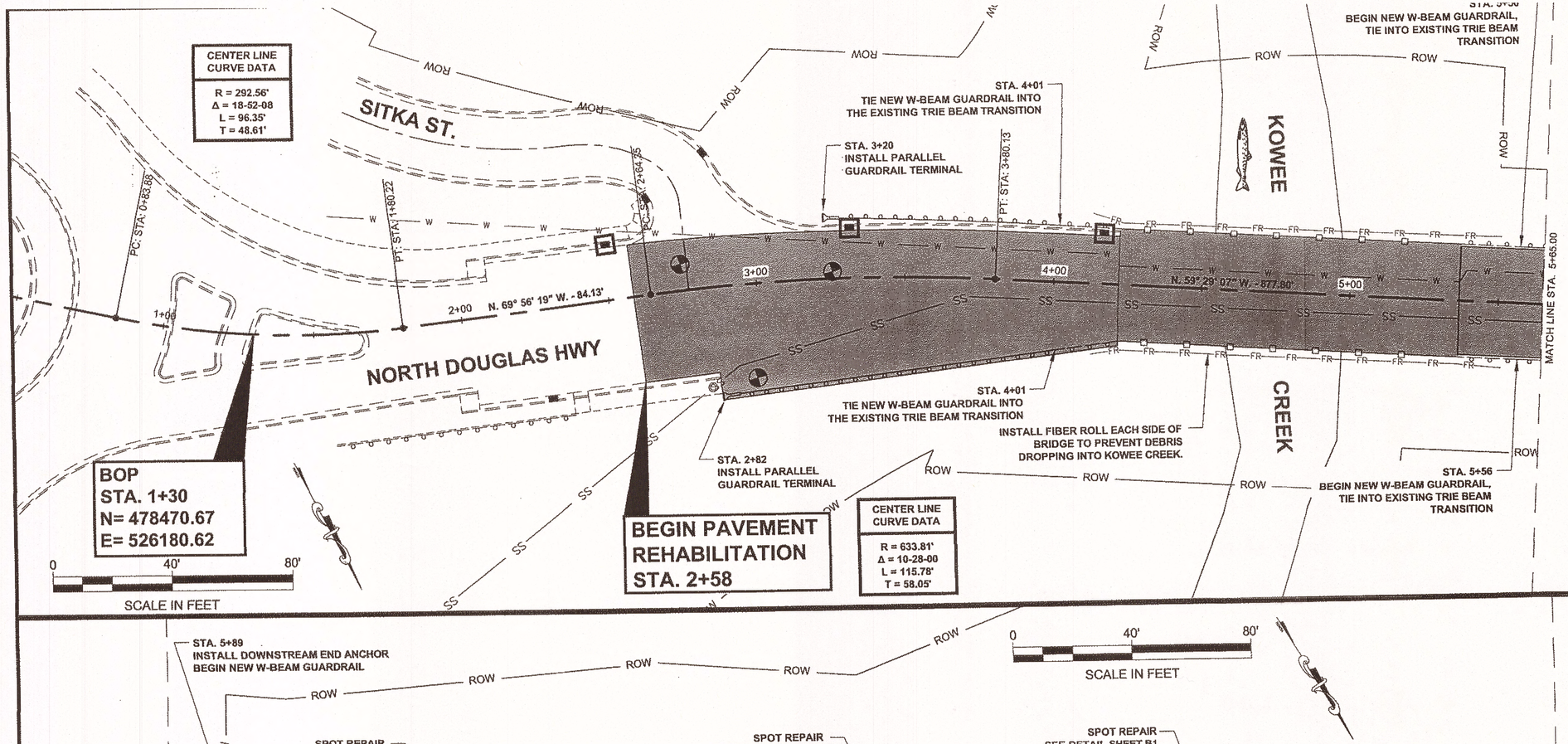
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

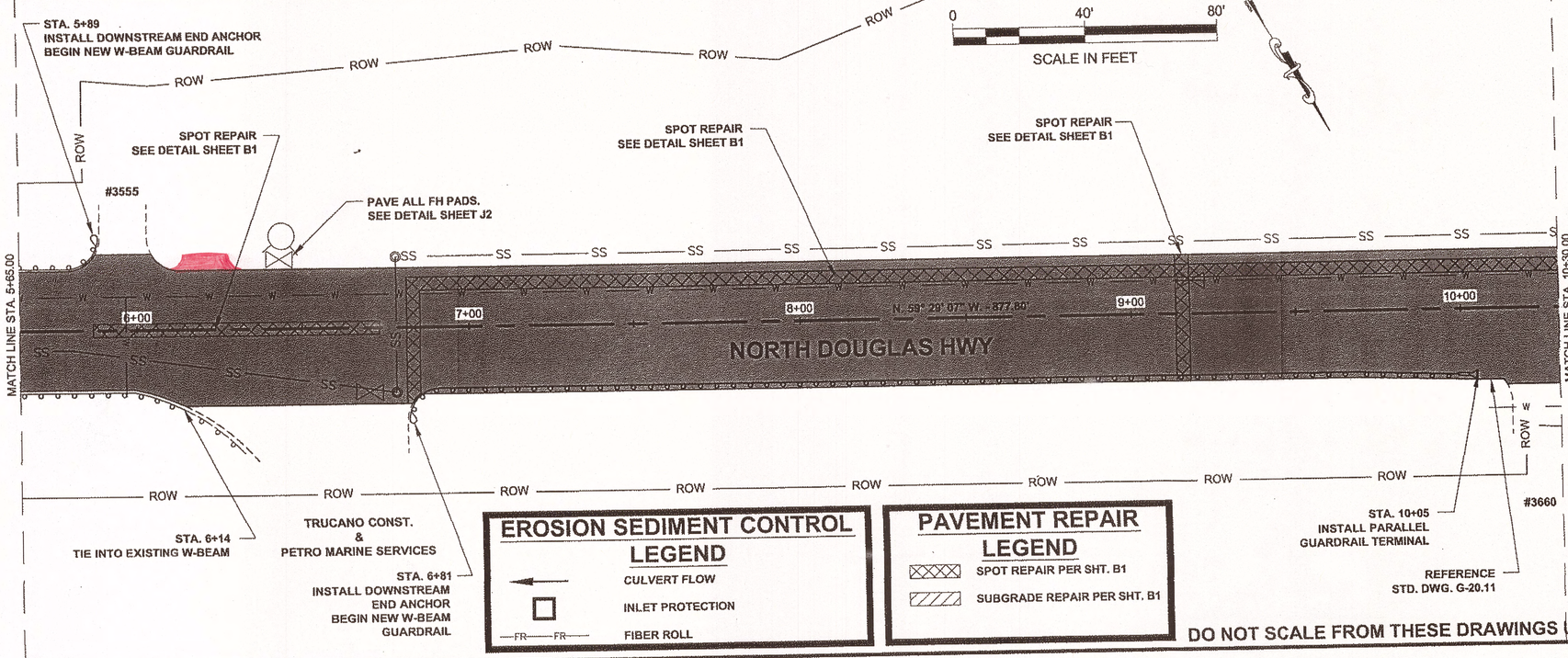
JNU: NORTH DOUGLAS HIGHWAY
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

SIGN SUMMARY

PATH: Q:\JNU\67531\PLANSET\67531_D1-D3_SIGN SUMS.DWG
TAB: D3 Monday, September 09, 2013 3:22:19 PM LESTER, DARRYL (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020)~67531	2013	D3	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

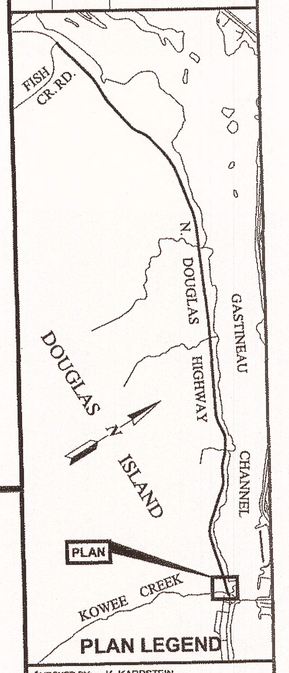
Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14

GRANTHAM, RICK L (DOT)
TAB: F1 Sunday, September 08, 2013 10:17:38 A

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

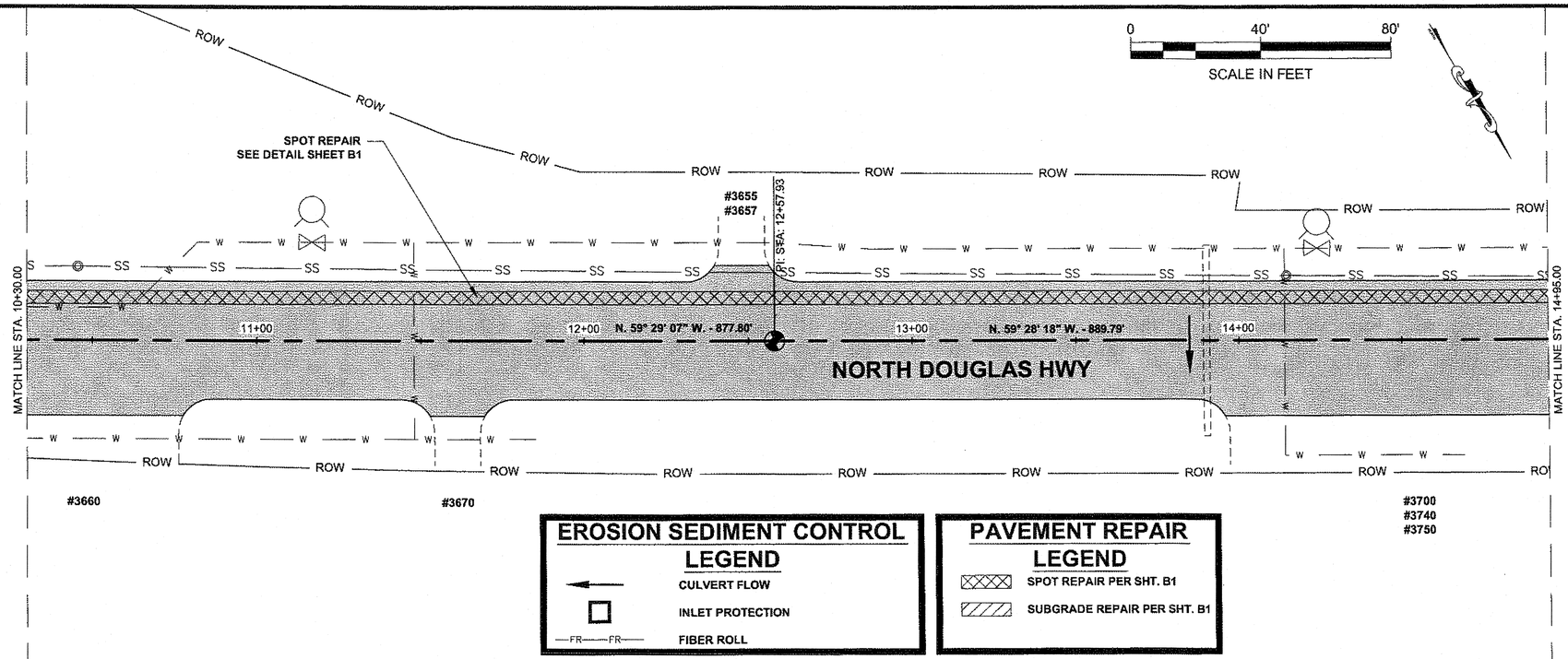
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F1	87

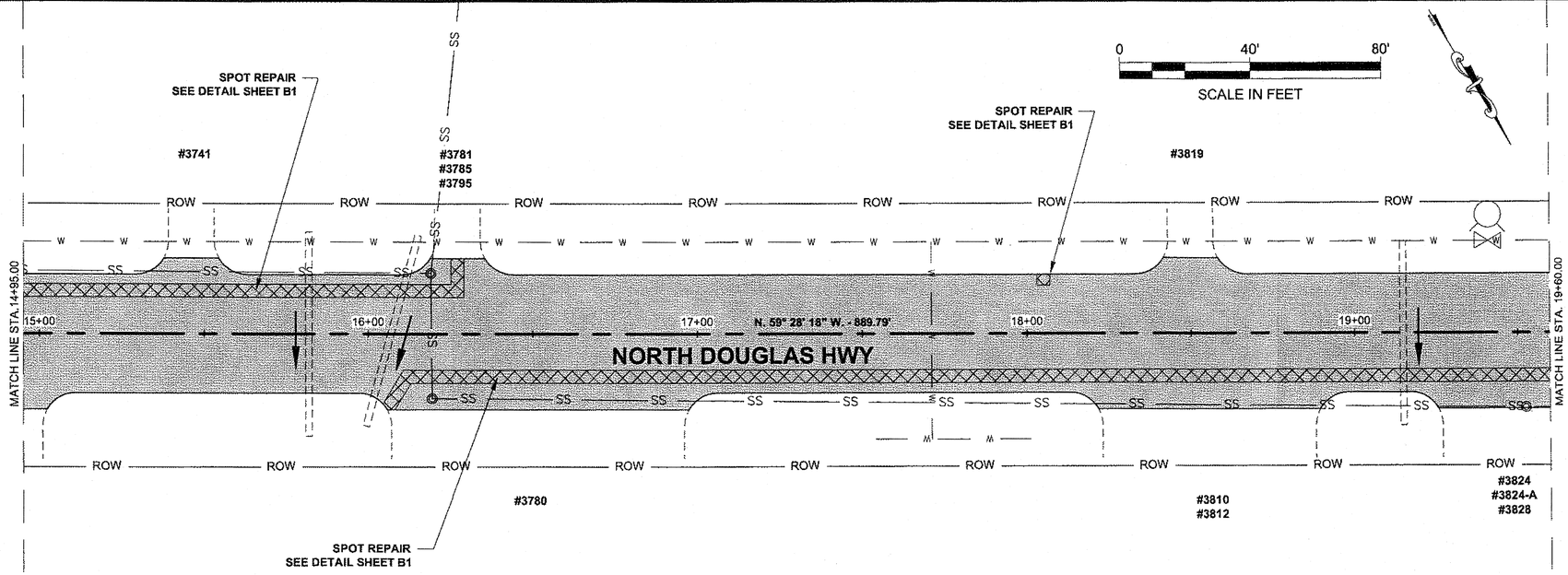


EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL (FR—FR)

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1



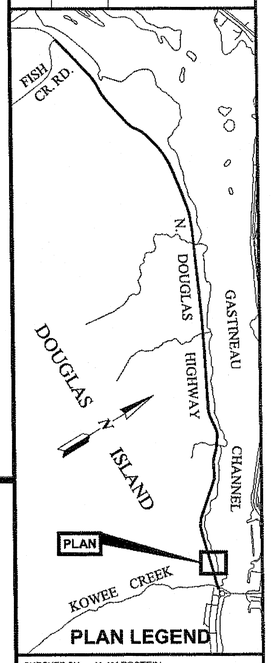
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F2 Sunday, September 08, 2013 10:18:11 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th — KEITH E. KARPSTEIN — CE-12904 — REGISTERED PROFESSIONAL ENGINEER — 9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

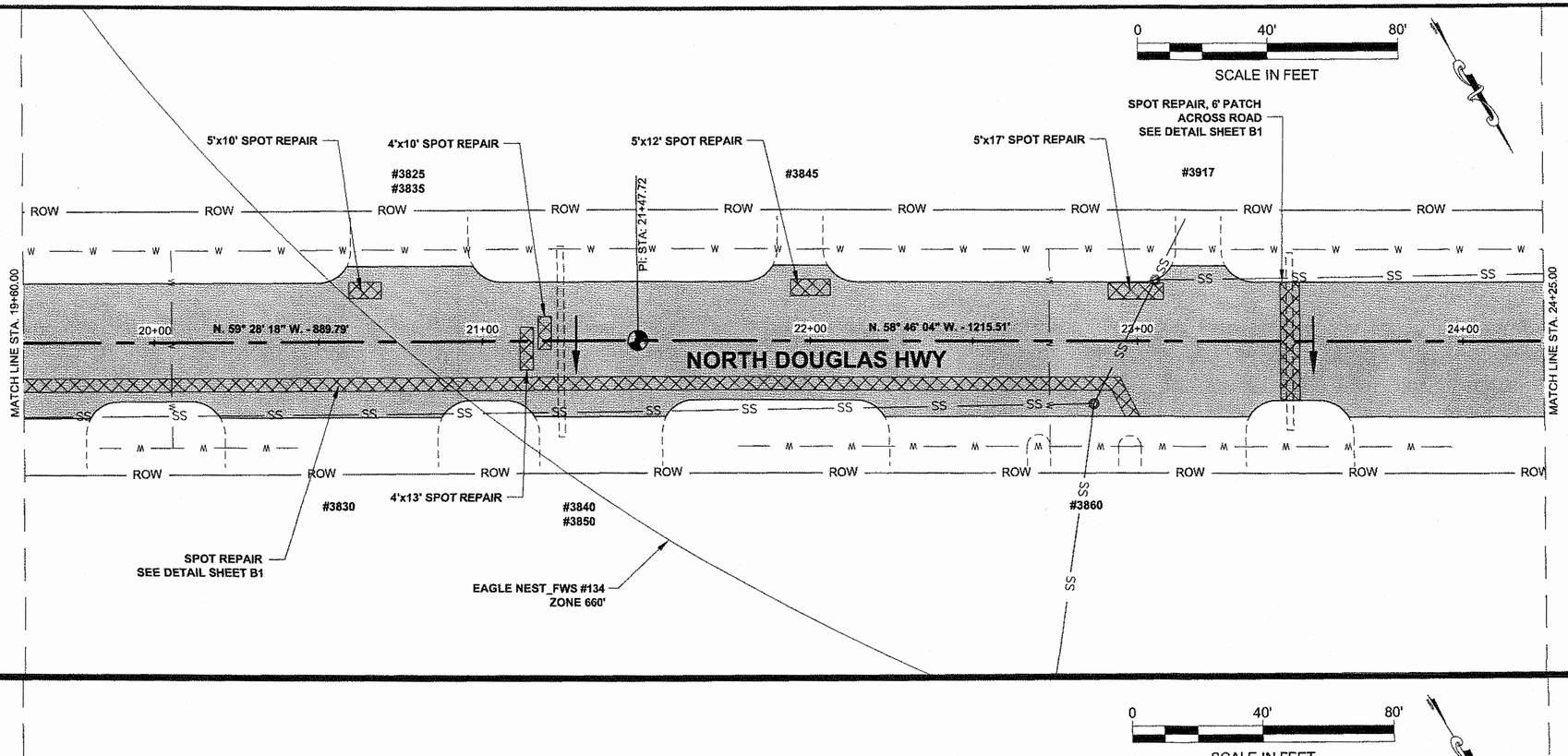
PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F2	87

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

I hereby certify that this plan was reviewed by me or my Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 4/22/16



EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR— FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

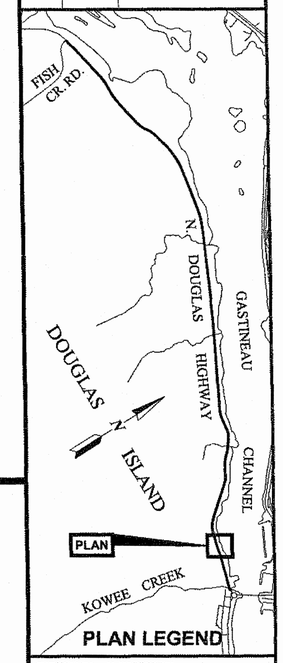
GRANTHAM, RICK L. (DOT)
TAB: F3 Monday, September 09, 2013 10:46:22 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12304
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

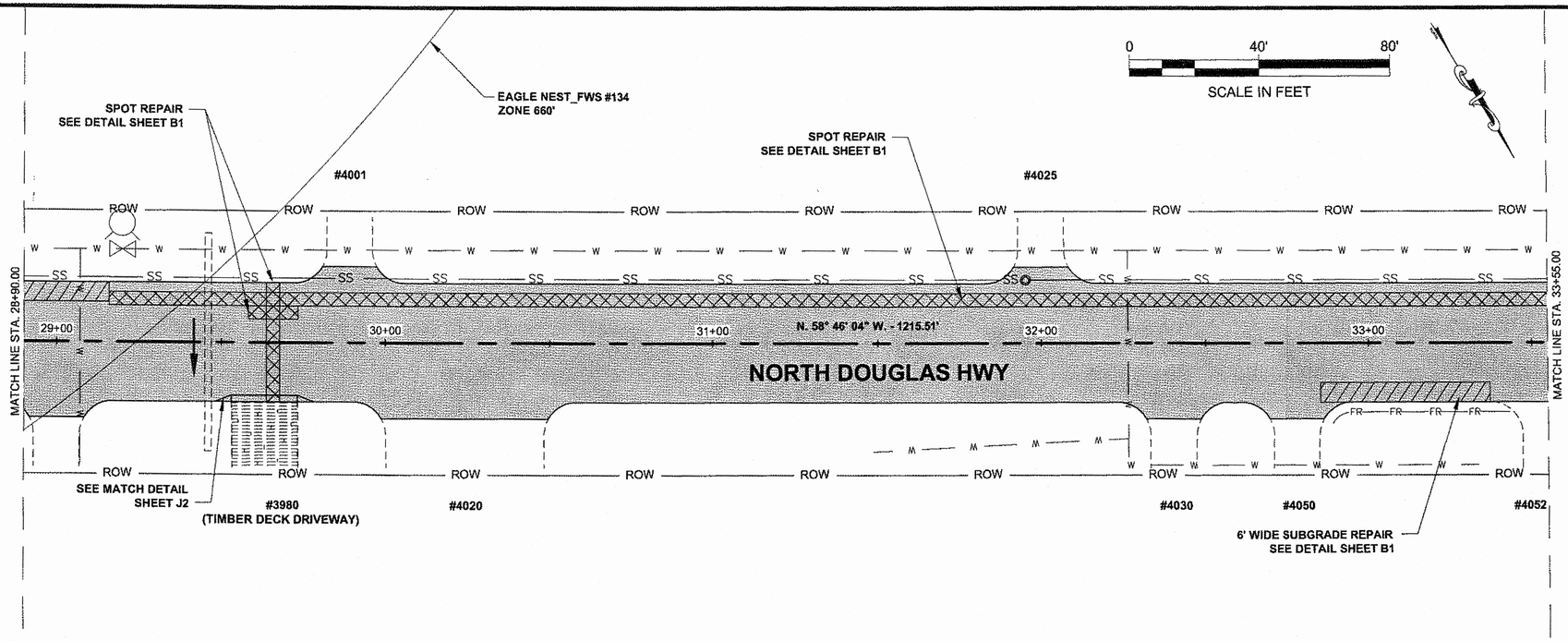
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

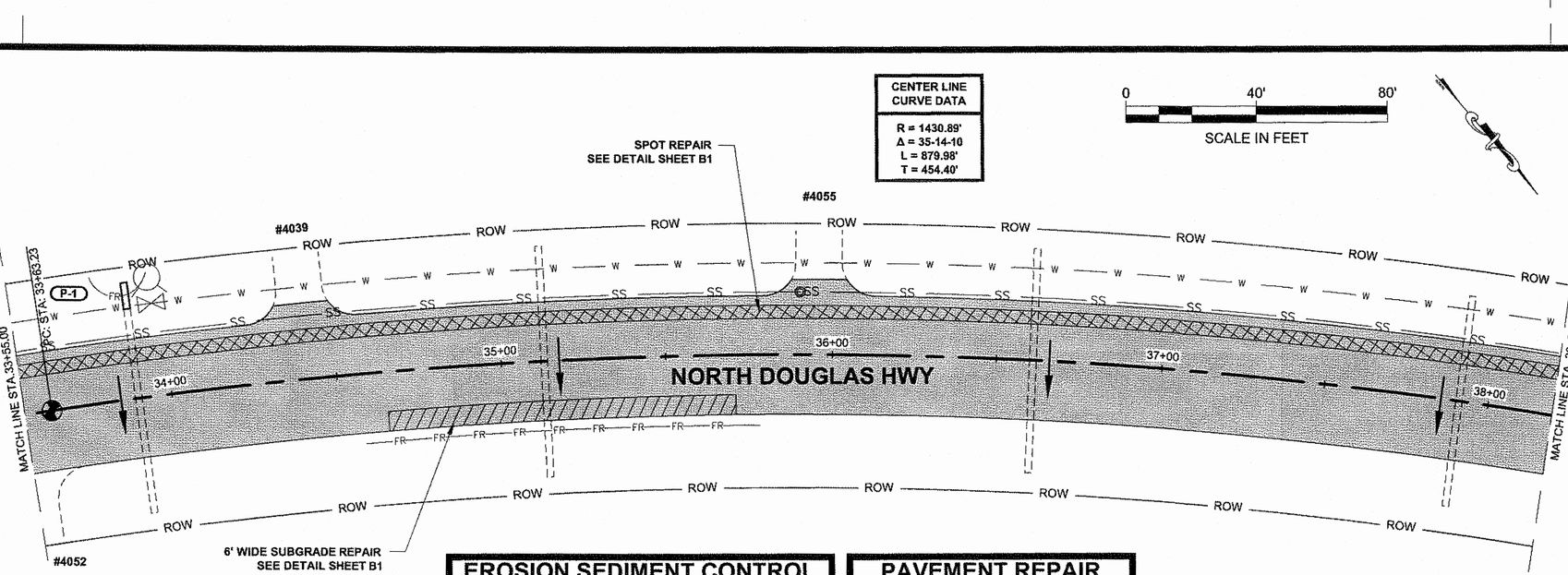
JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F3	87

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)

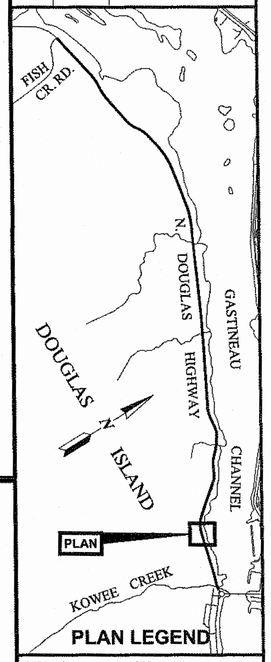
TAB: F4 Monday, September 09, 2013 8:54:22 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

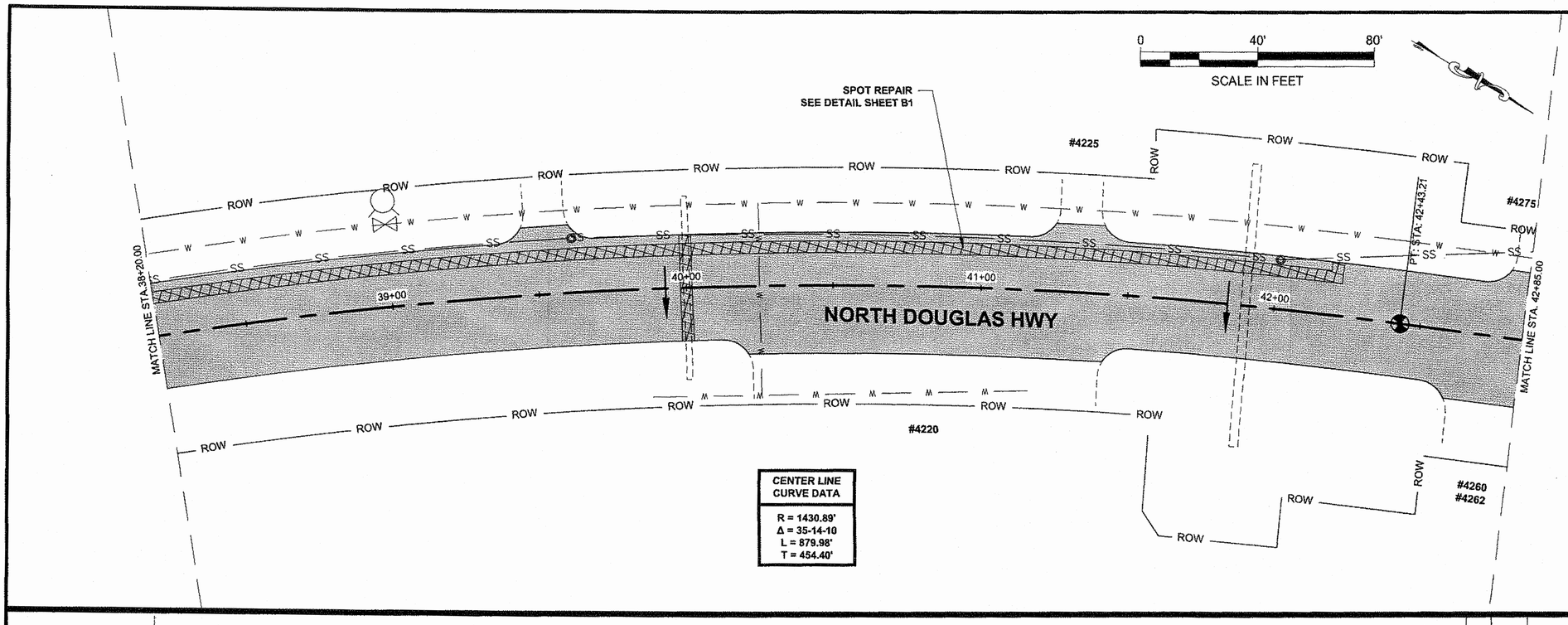
DRAWN BY: D. MULLINER, R. GRANTHAM

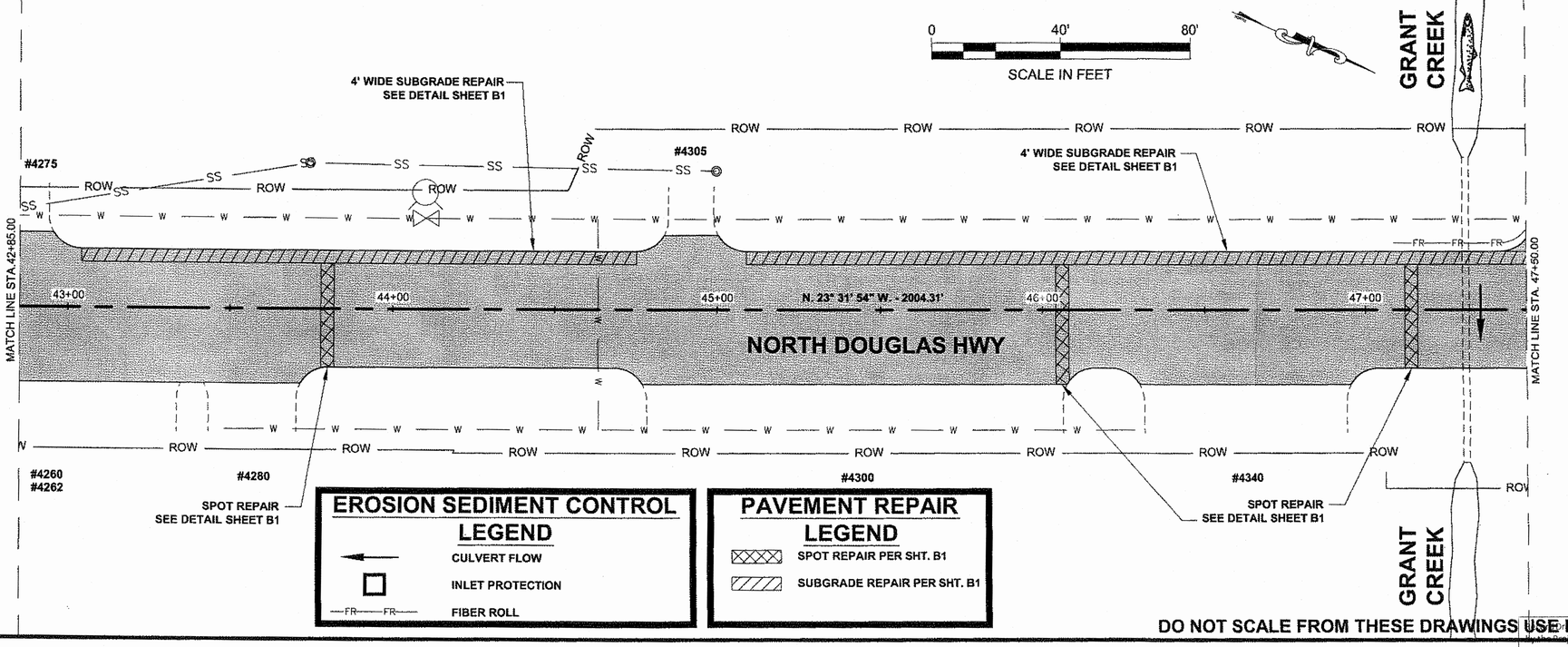
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F4	87





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

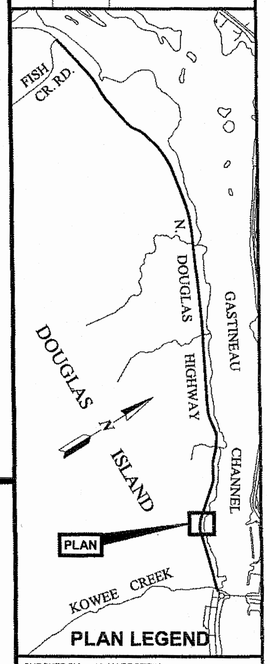
GRANTHAM, RICK L (DOT)
TAB: F5 Monday, September 09, 2013 10:46:21 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

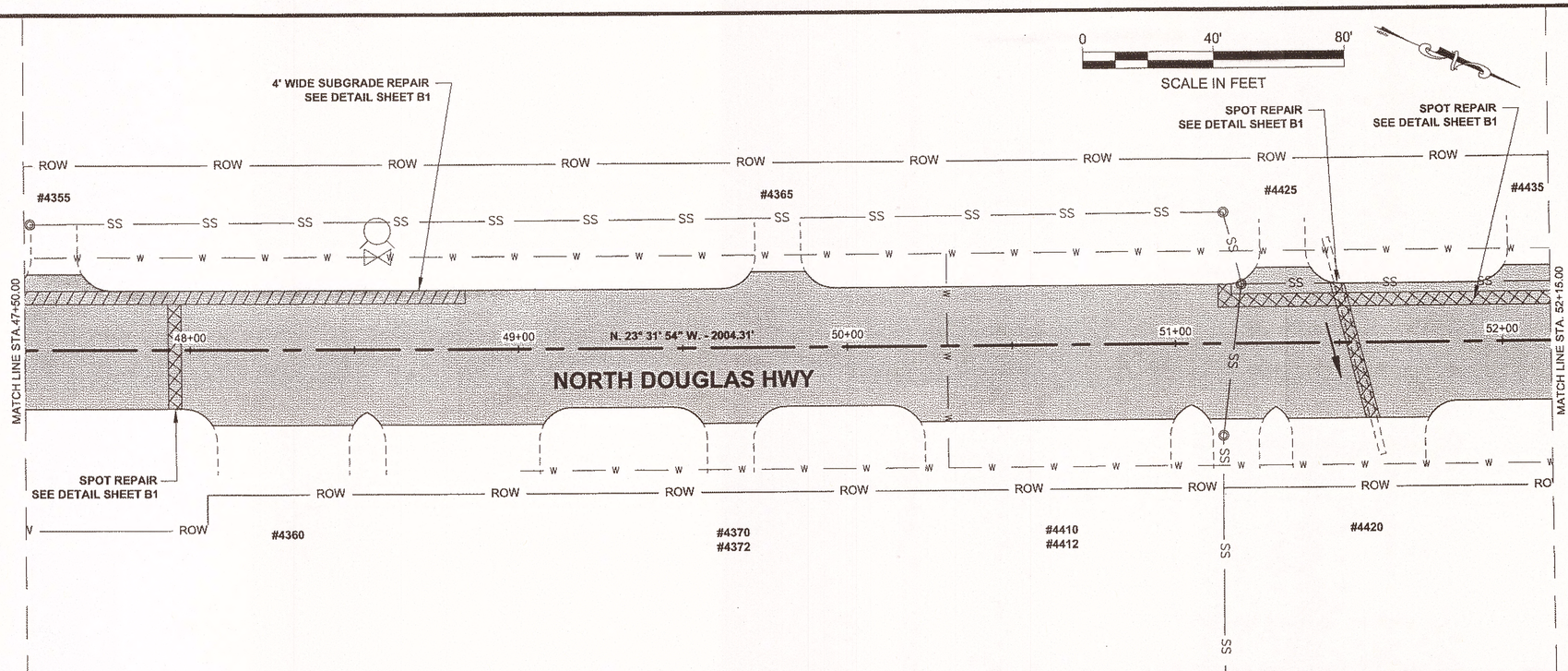
JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F5	87

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Alaska. I also certify that I have reviewed this plan before it was signed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE _____ Date 4/22/16



EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL (—FR—FR—)

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

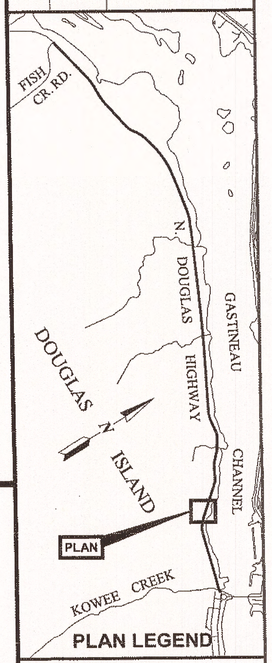
GRANTHAM, RICK L (DOT)
TAB: F6 Sunday, September 08, 2013 10:21:05 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
4/9/13

DESIGNED BY: D. MULLINER

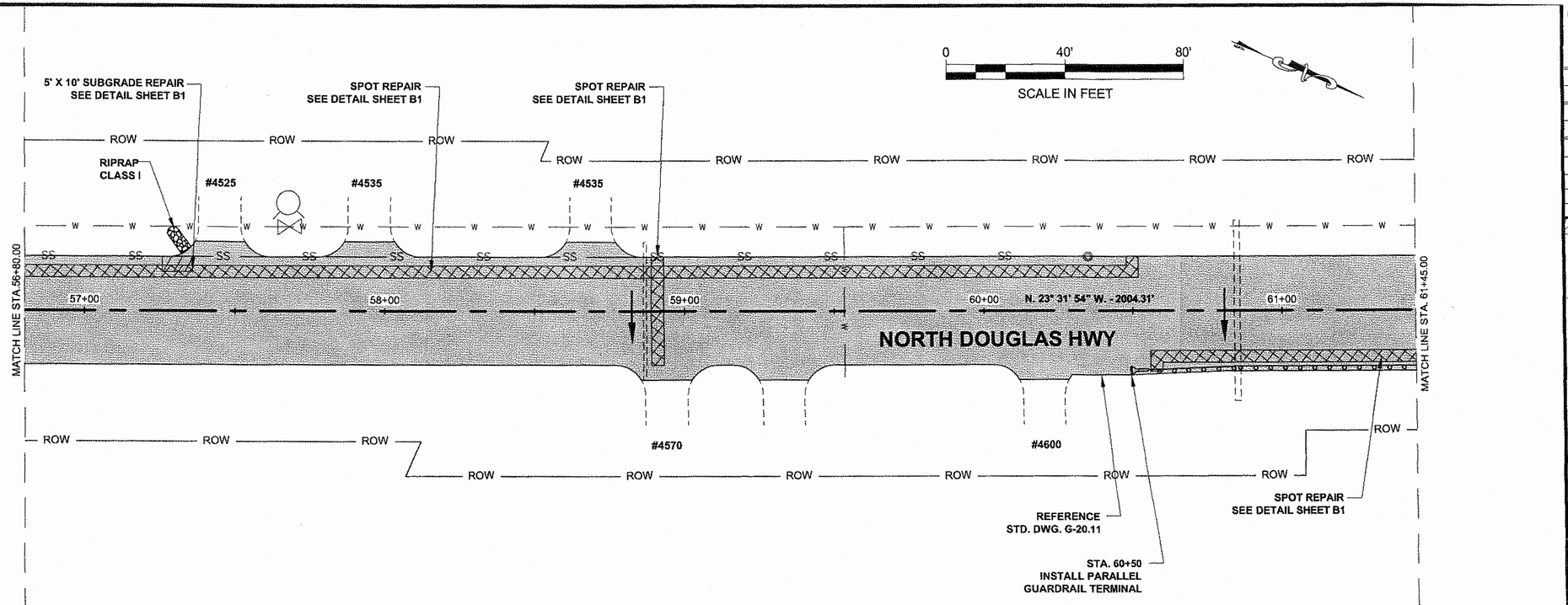
DRAWN BY: D. MULLINER, R. GRANTHAM

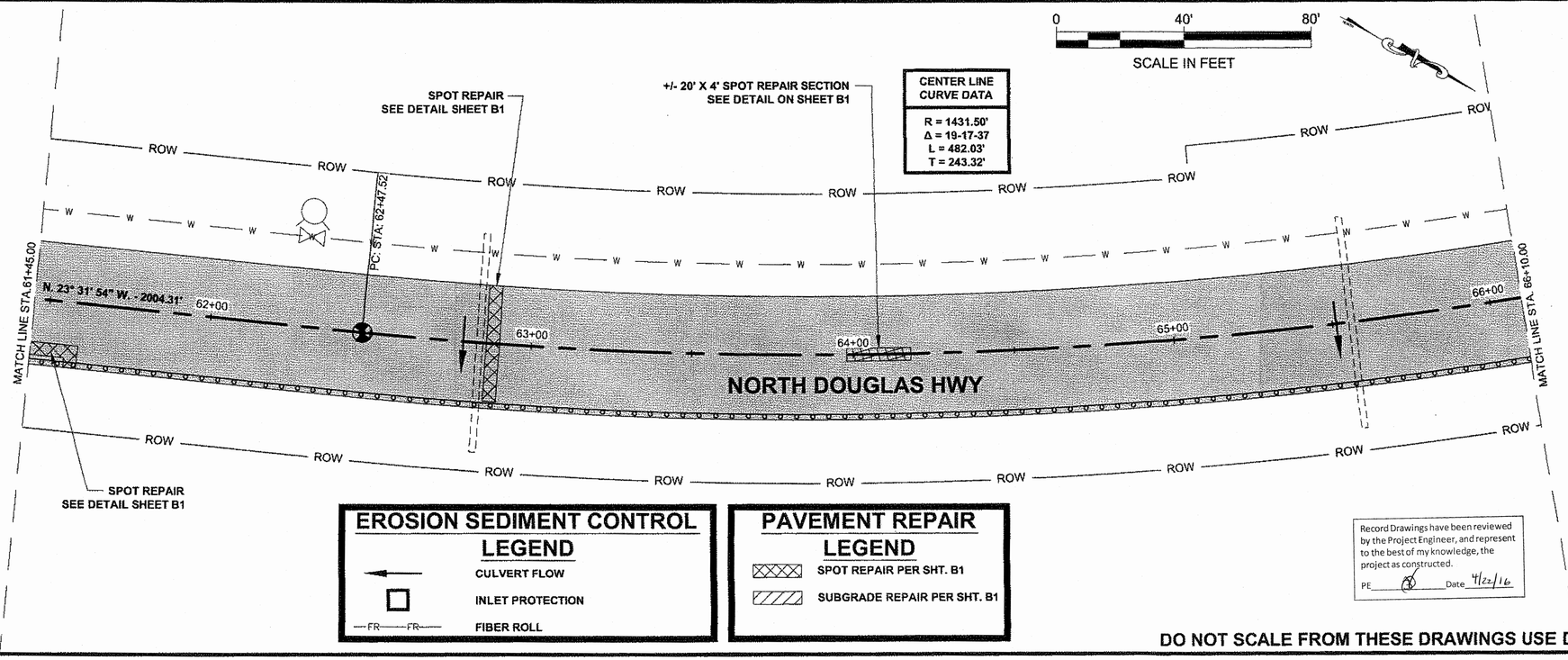
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F6	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL (FR)

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

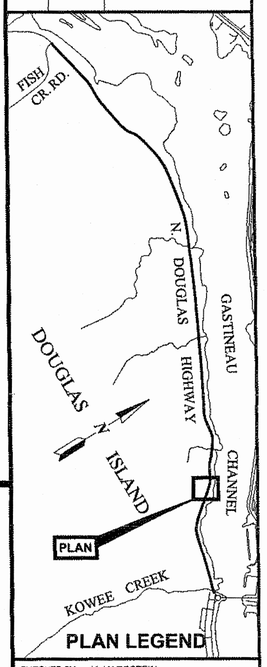
GRANTHAM, RICK L (DOT)
TAB: F7 Saturday, September 07, 2013 8:08:19 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

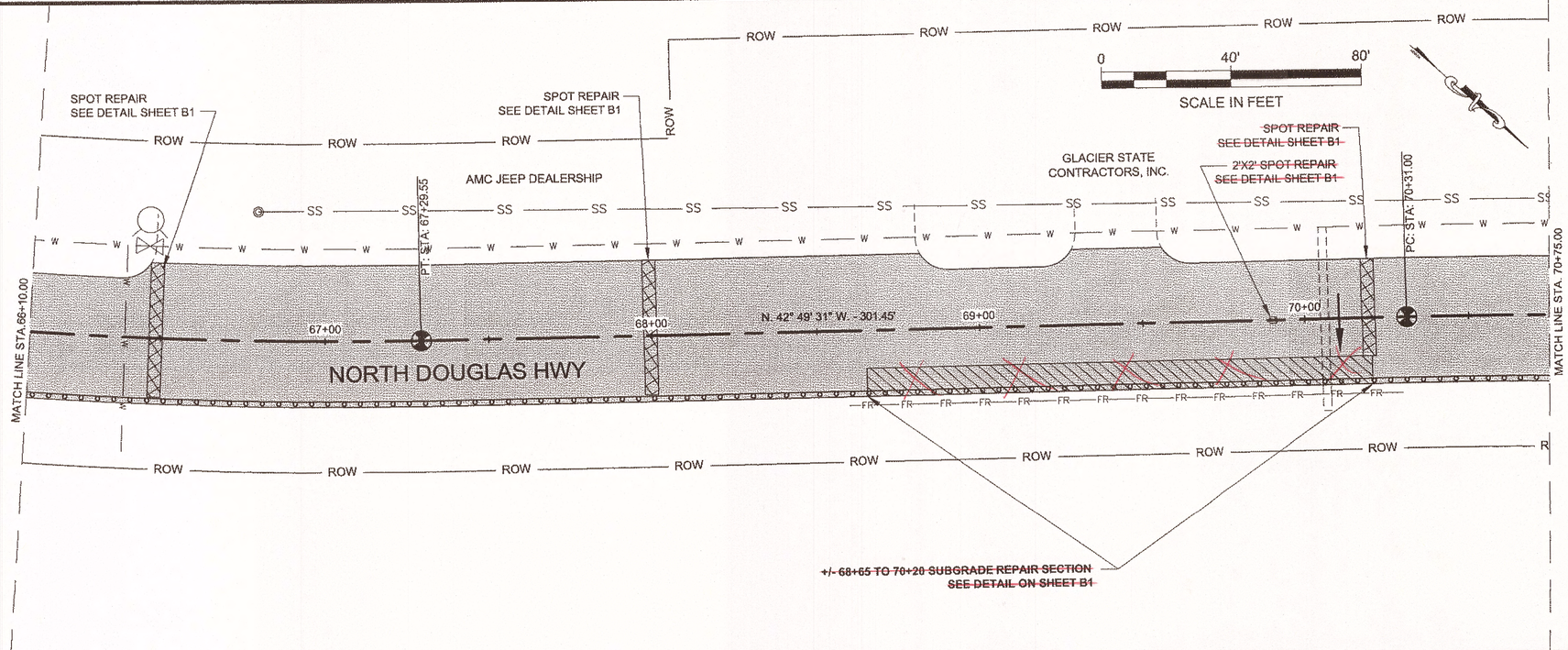
DRAWN BY: D. MULLINER, R. GRANTHAM

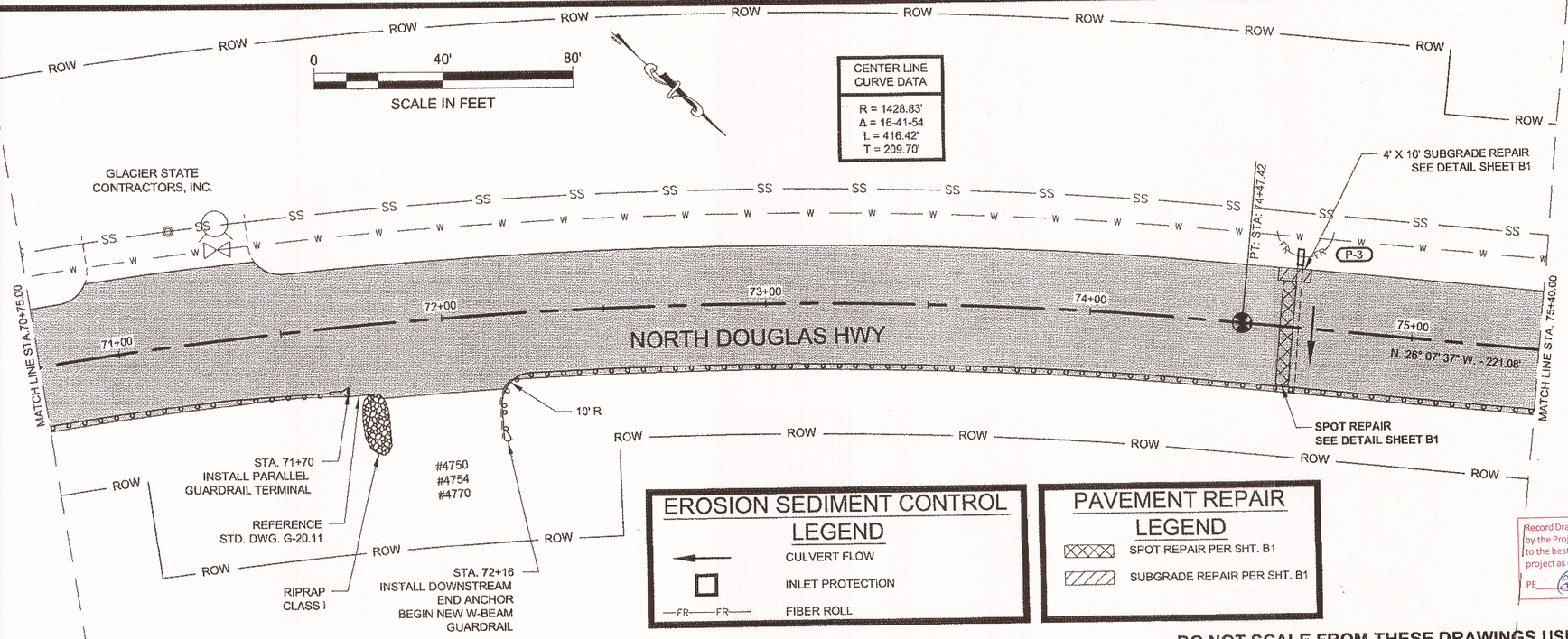
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD. PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F7	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

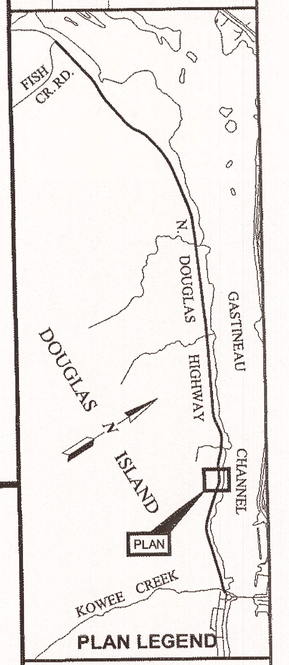
GRANTHAM, RICK L (DOT)
TAB: F8 Saturday, September 07, 2013 8:17:16 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
7/9/13

DESIGNED BY: D. MULLINER

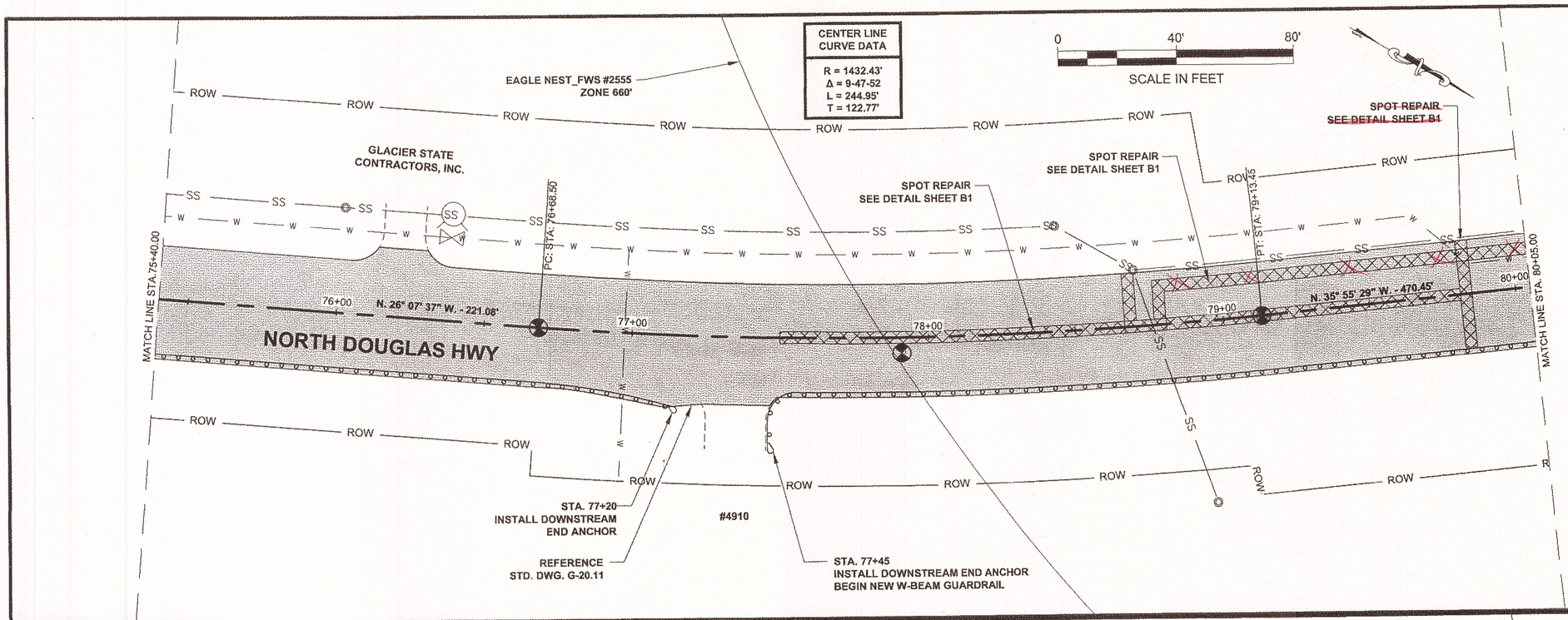
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F8	87



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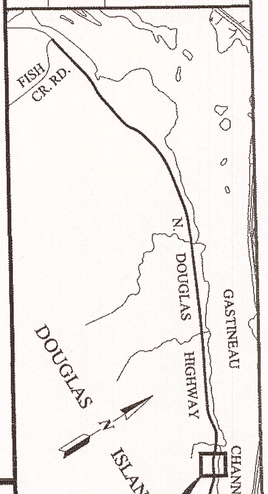
ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
RICHARD KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
11/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.

LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

TAPER GRIND SECTION
SEE DETAIL SHT. J1
(NOT CONSIDERED
DRIVEWAY WORK)

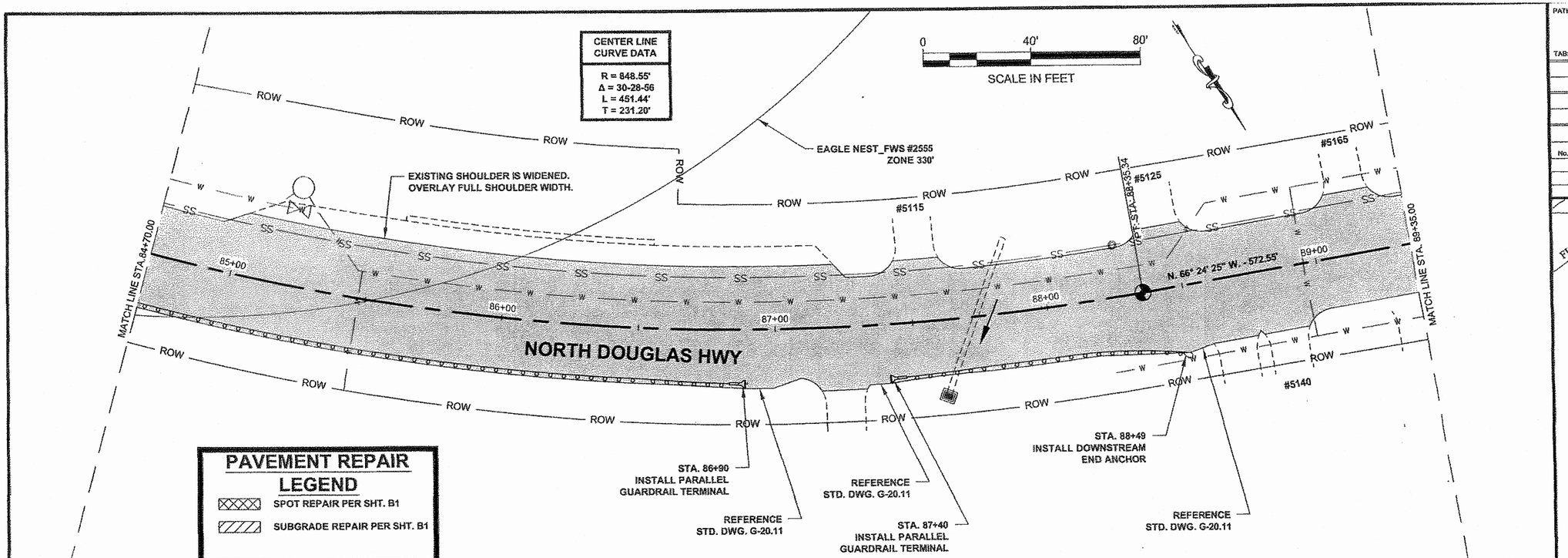
BEGIN NEW W-BEAM GUARDRAIL

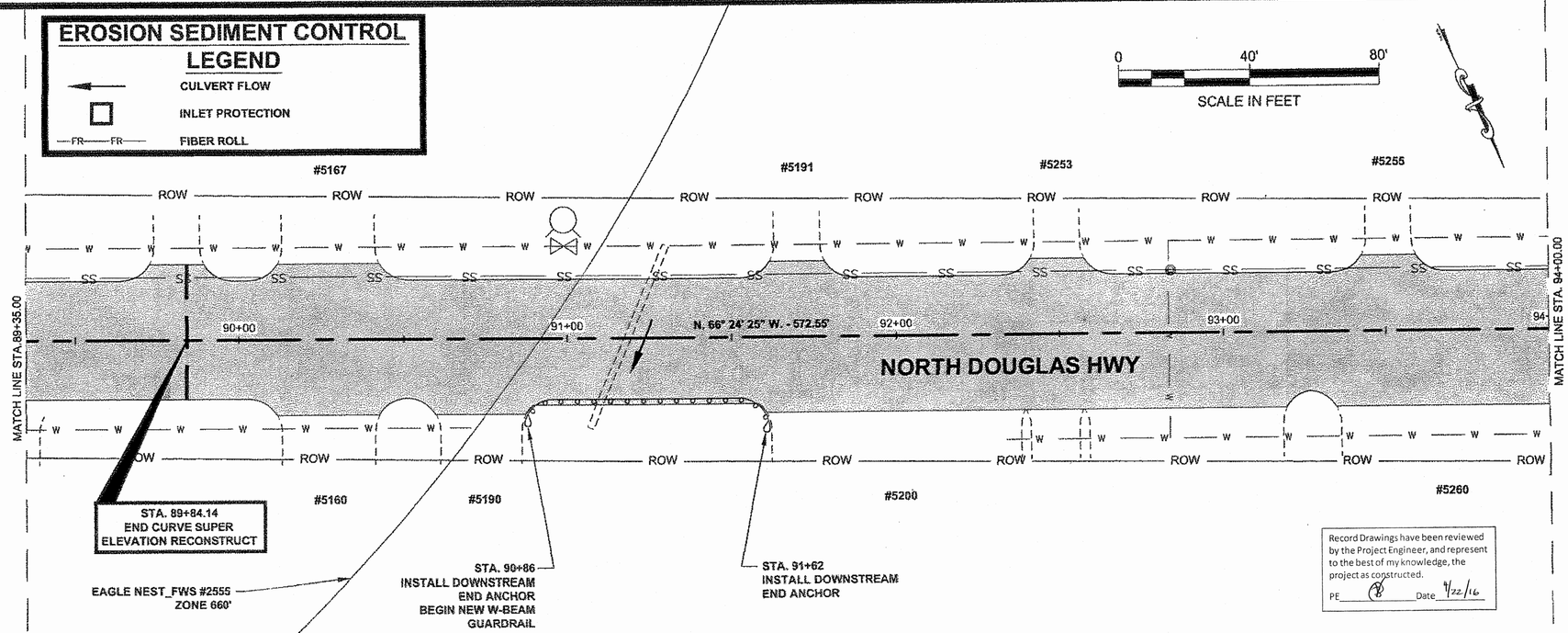
to the best of my knowledge, the project as constructed.

PE _____ Date 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F9	87





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

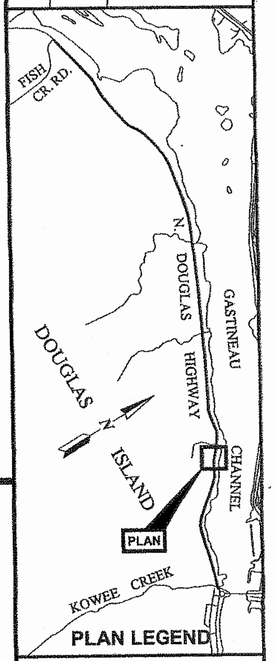
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW
GRANTHAM, RICK L (DOT)
TAB: F10 Sunday, September 08, 2013 10:21:54 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12804 REGISTERED PROFESSIONAL ENGINEER 9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

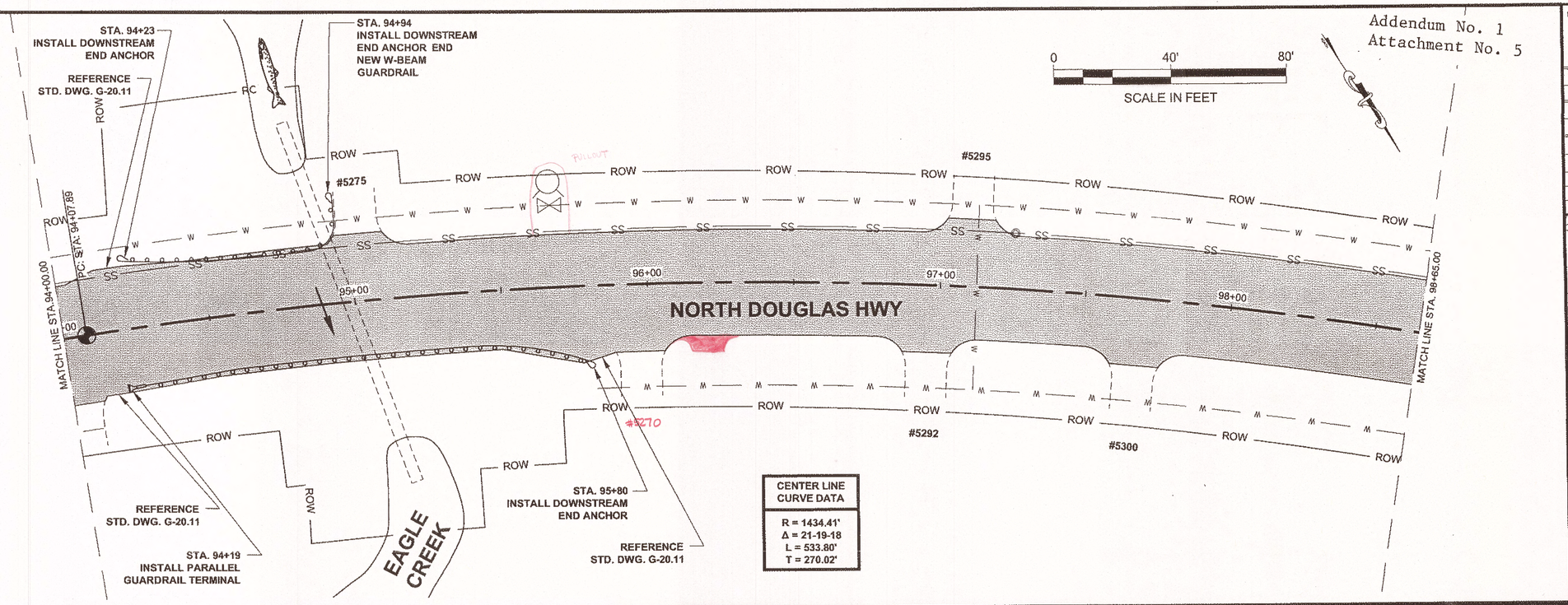
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

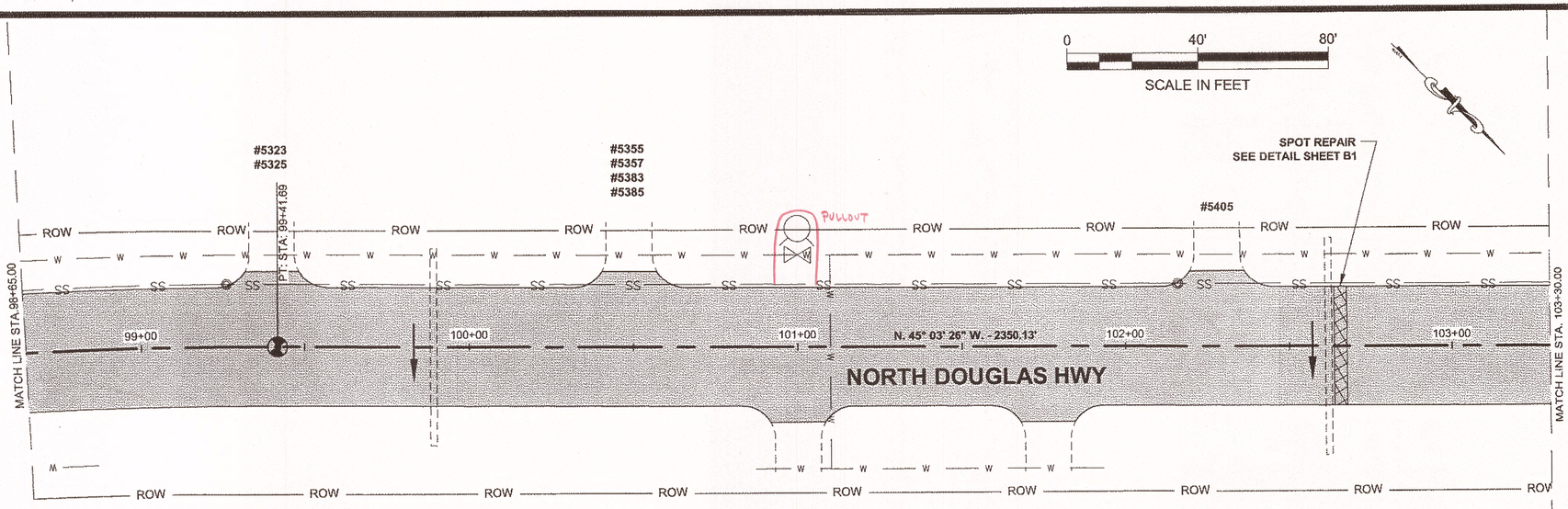
JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F10	87

Addendum No. 1
Attachment No. 5





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

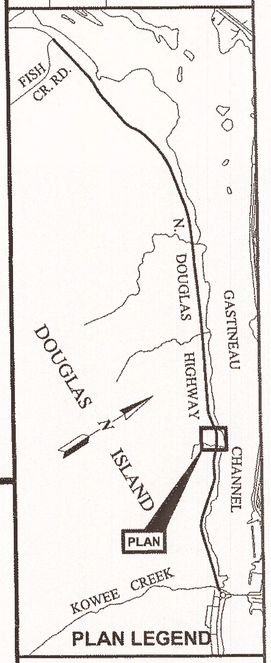
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW
GRANTHAM, RICK L (DOT)
TAB: F11 Thursday, December 05, 2013 8:28:23 AM

ADDENDUM NUMBER
1
ATTACHMENT NUMBER
5

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
12/5/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F11	87

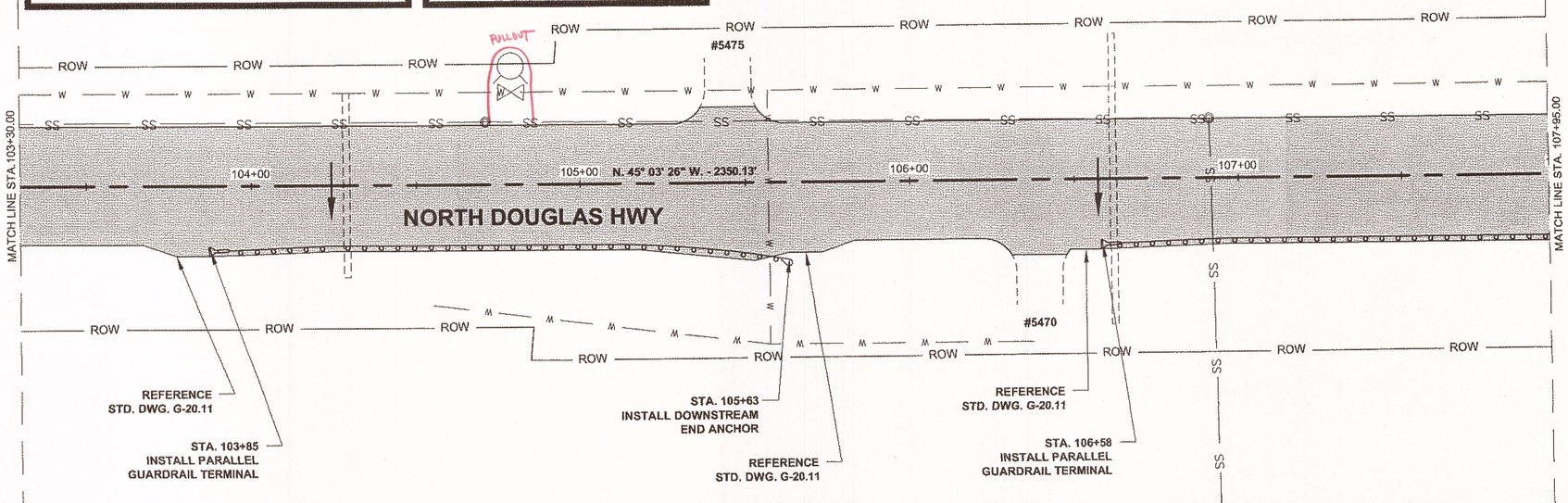
EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

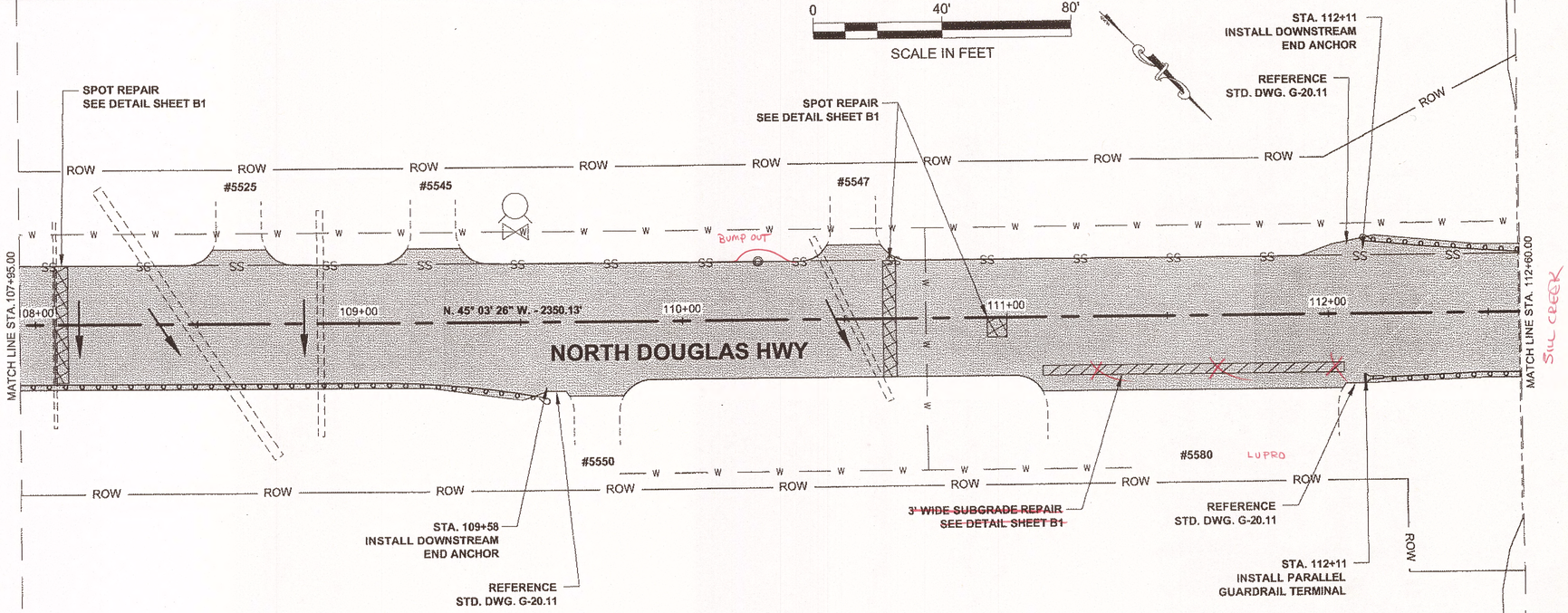
PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

0 40' 80'
SCALE IN FEET



0 40' 80'
SCALE IN FEET



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Alaska, to the best of my knowledge, the project as constructed.

PE _____ Date 4/22/16

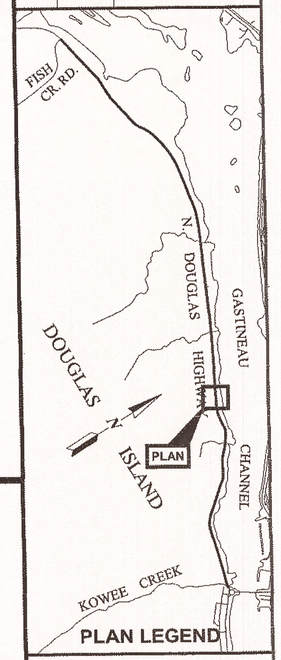
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F12 Sunday, September 08, 2013 10:23:31 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 4/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F12	87

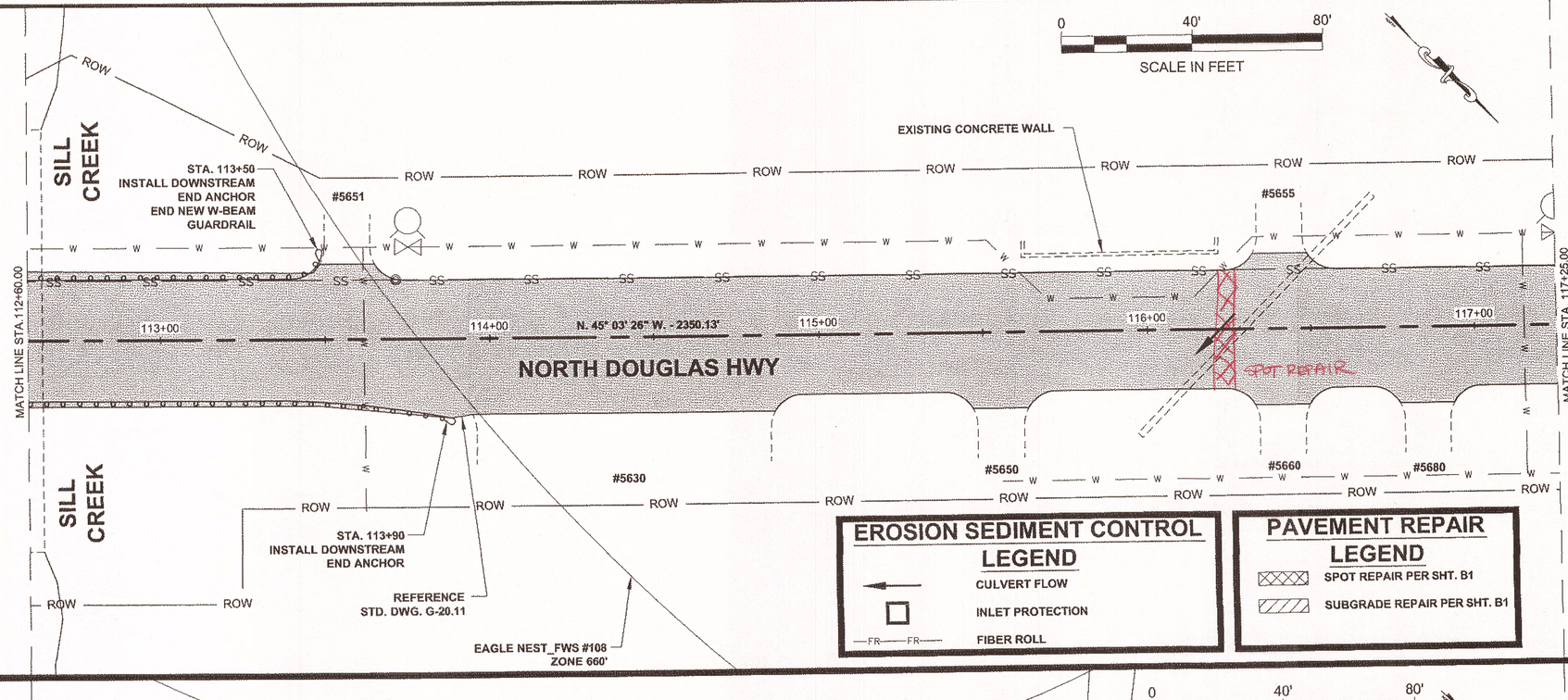
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

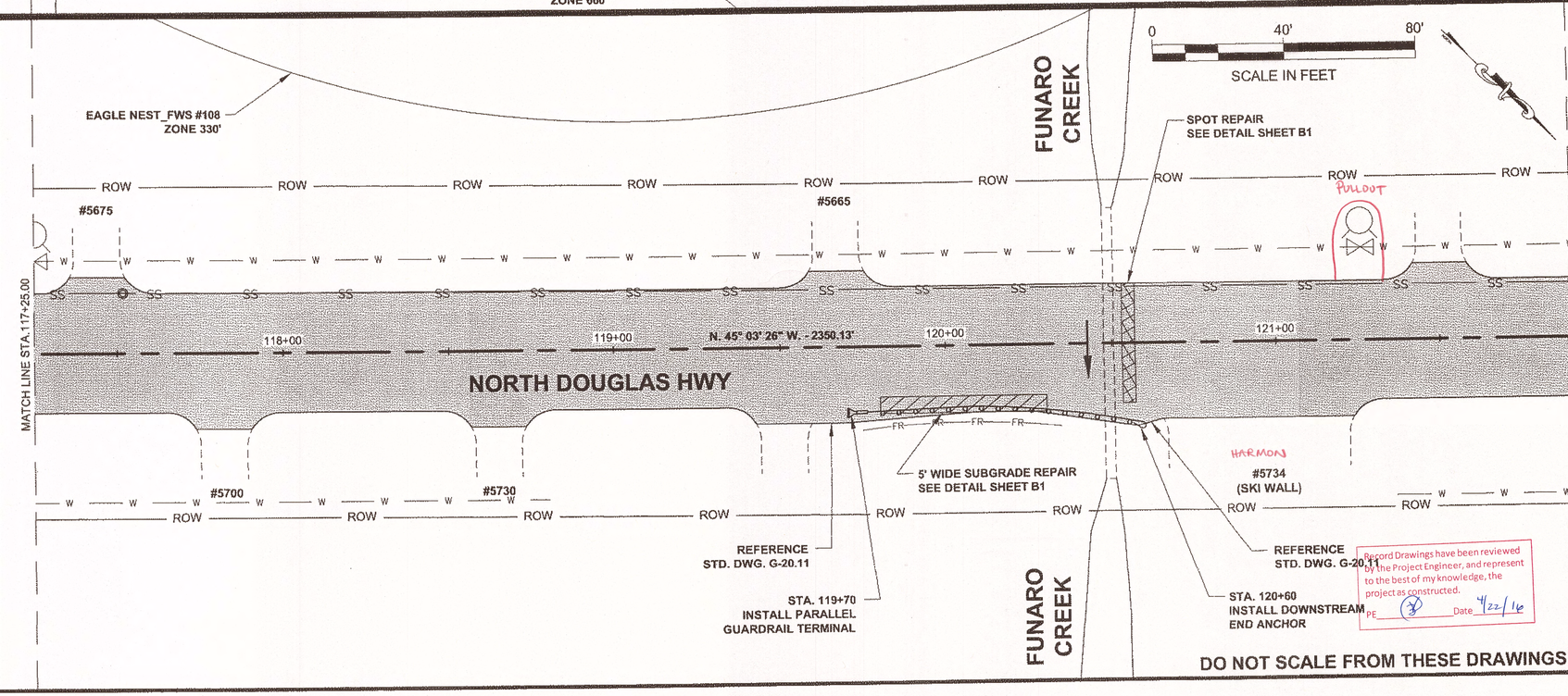
GRANTHAM, RICK L (DOT)
TAB: F13 Monday, September 09, 2013 8:56:4 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

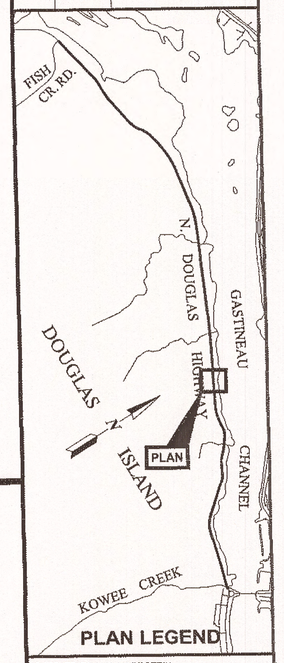
No.	DATE	DESCRIPTION





Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KENNETH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
7/9/13

DESIGNED BY: D. MULLINER

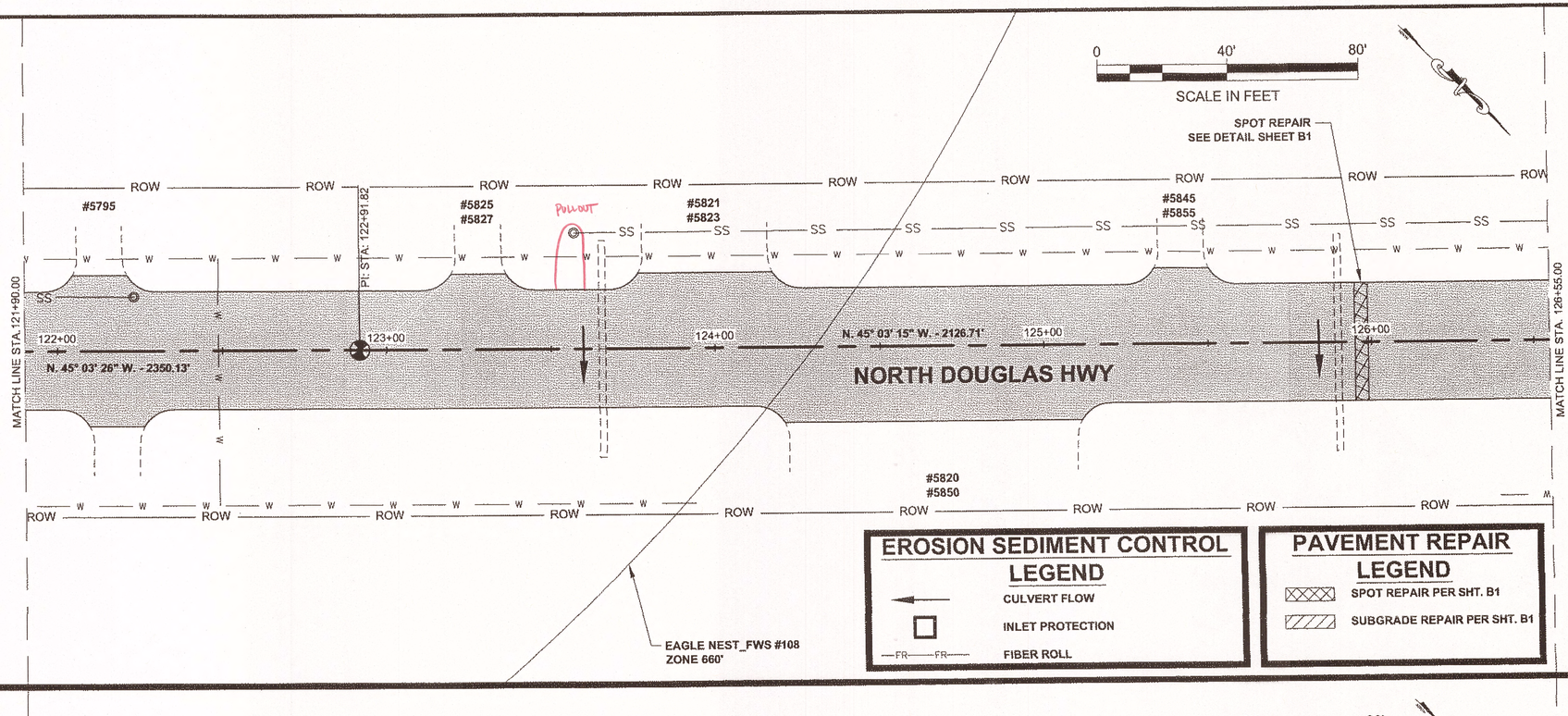
DRAWN BY: D. MULLINER, R. GRANTHAM

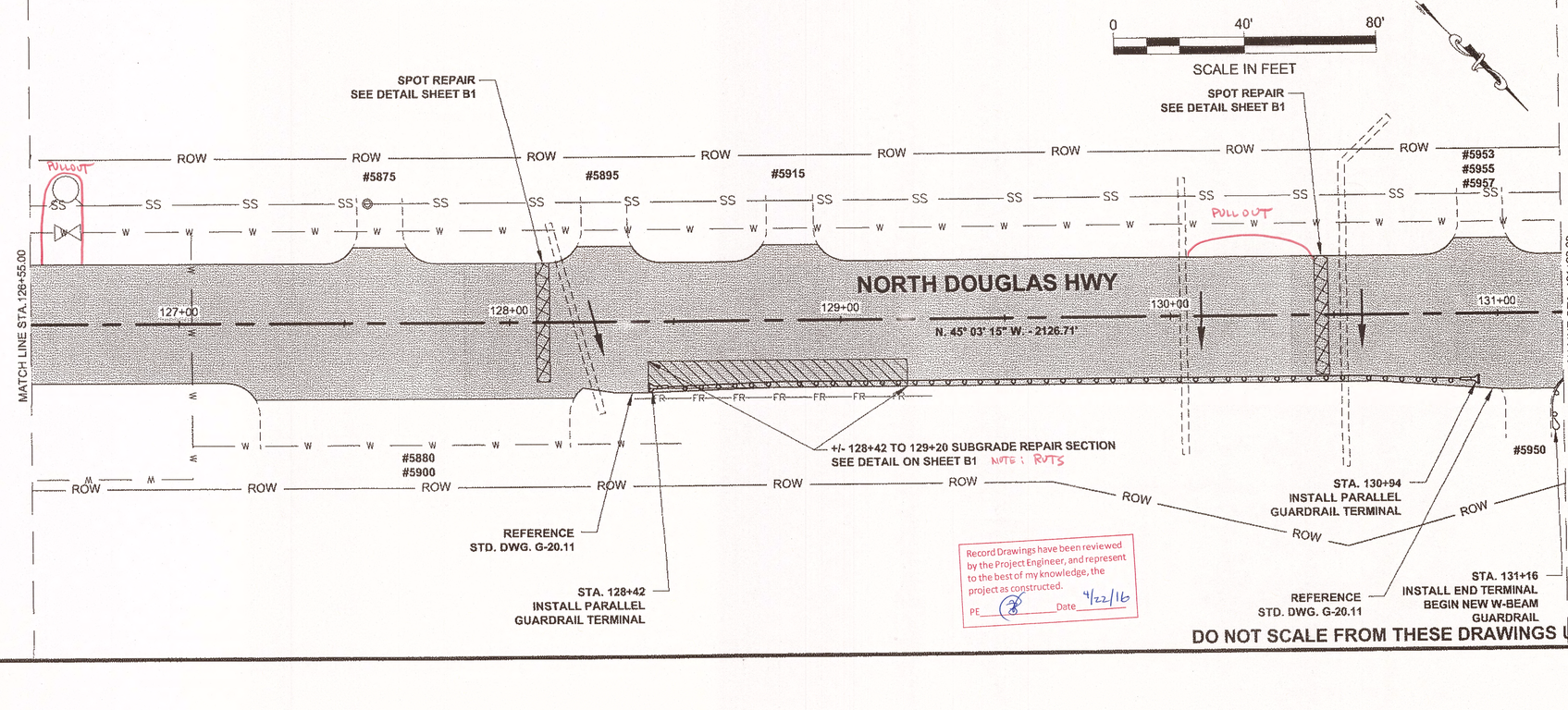
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F13	87





Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

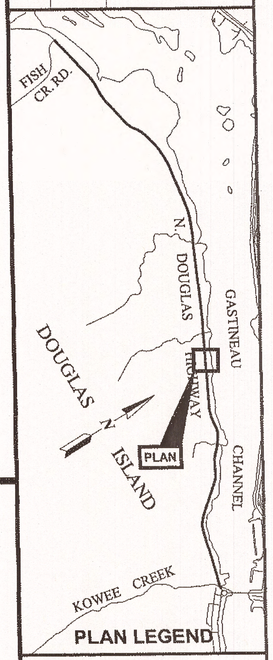
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F14 Sunday, September 08, 2013 10:24:35 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KRISTI D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
7/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F14	87

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F15 Monday, September 09, 2013 8:57:02 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SPOT REPAIR
SEE DETAIL SHEET B1

#5959
#5985
#5989
#5989-B
#6015

EAGLE NEST_FWS #138
ZONE 660'

0 40' 80'
SCALE IN FEET

6' WIDE SUBGRADE REPAIR
SEE DETAIL SHEET B1

MATCH LINE STA. 131+20.00

132+00 133+00 134+00 135+00

N. 45° 03' 15" W. - 2126.71'

NORTH DOUGLAS HWY

MATCH LINE STA. 135+85.00

EXISTING CONCRETE APRON. REMOVE PAVEMENT FROM 6' OUTSIDE THE FOGLINE TO THE CONCRETE. MATCH OVERLAY TO CONCRETE APRON

#5990

#6010

STA. 131+94
INSTALL DOWNSTREAM END ANCHOR

#5960
(TIMBER DECK DRIVEWAY WITH CONCRETE APRON)

+/- 131+25 TO 131+94
SUBGRADE REPAIR SECTION
SEE DETAIL ON SHEET B1

EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

0 40' 80'
SCALE IN FEET

EAGLE NEST_FWS #2556
ZONE 660'

REFERENCE
STD. DWG. G-20.11

STA. 137+52
INSTALL DOWNSTREAM END ANCHOR

WATER VAULT
PAVED APRON IS SUBSIDIARY TO 639(3) APPROACH.

PULLOUT

MATCH LINE STA. 135+85.00

136+00 137+00 138+00 139+00 140+00

N. 45° 03' 15" W. - 2126.71'

NORTH DOUGLAS HWY

MATCH LINE STA. 140+50.00

STA. 137+18
INSTALL DOWNSTREAM END ANCHOR BEGIN NEW W-BEAM GUARDRAIL

#6050

GASTINEAU CHANNEL
WATER LINE CROSSING

FALLS CREEK

FALLS CREEK

SPOT REPAIR
SEE DETAIL SHEET B1

STA. 139+54
INSTALL DOWNSTREAM END ANCHOR
END NEW W-BEAM GUARDRAIL

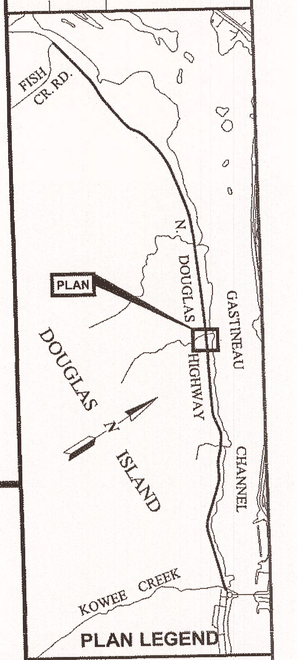
6' WIDE SUBGRADE REPAIR
SEE DETAIL SHEET B1

STA. 139+48
INSTALL DOWNSTREAM END ANCHOR

REFERENCE
STD. DWG. G-20.11

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

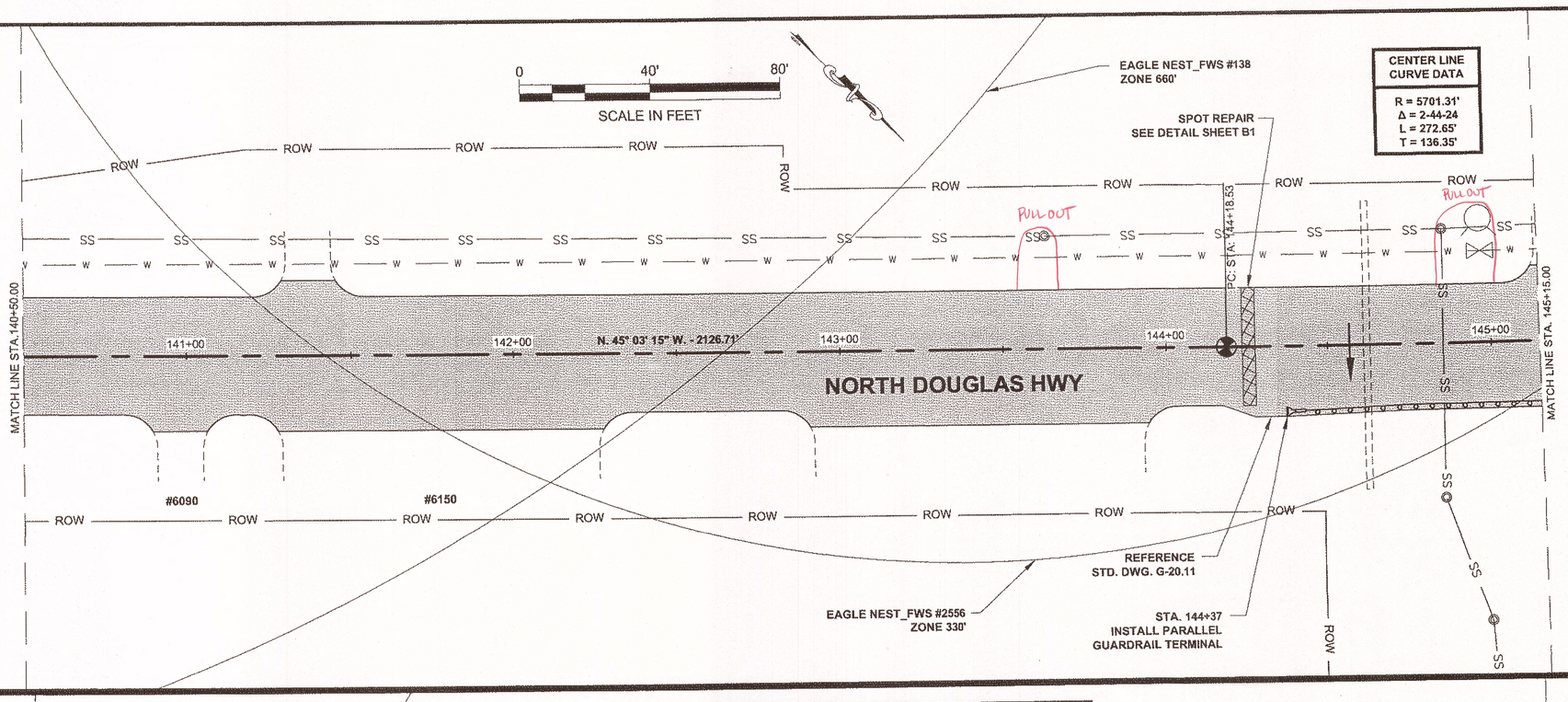
DRAWN BY: D. MULLINER, R. GRANTHAM

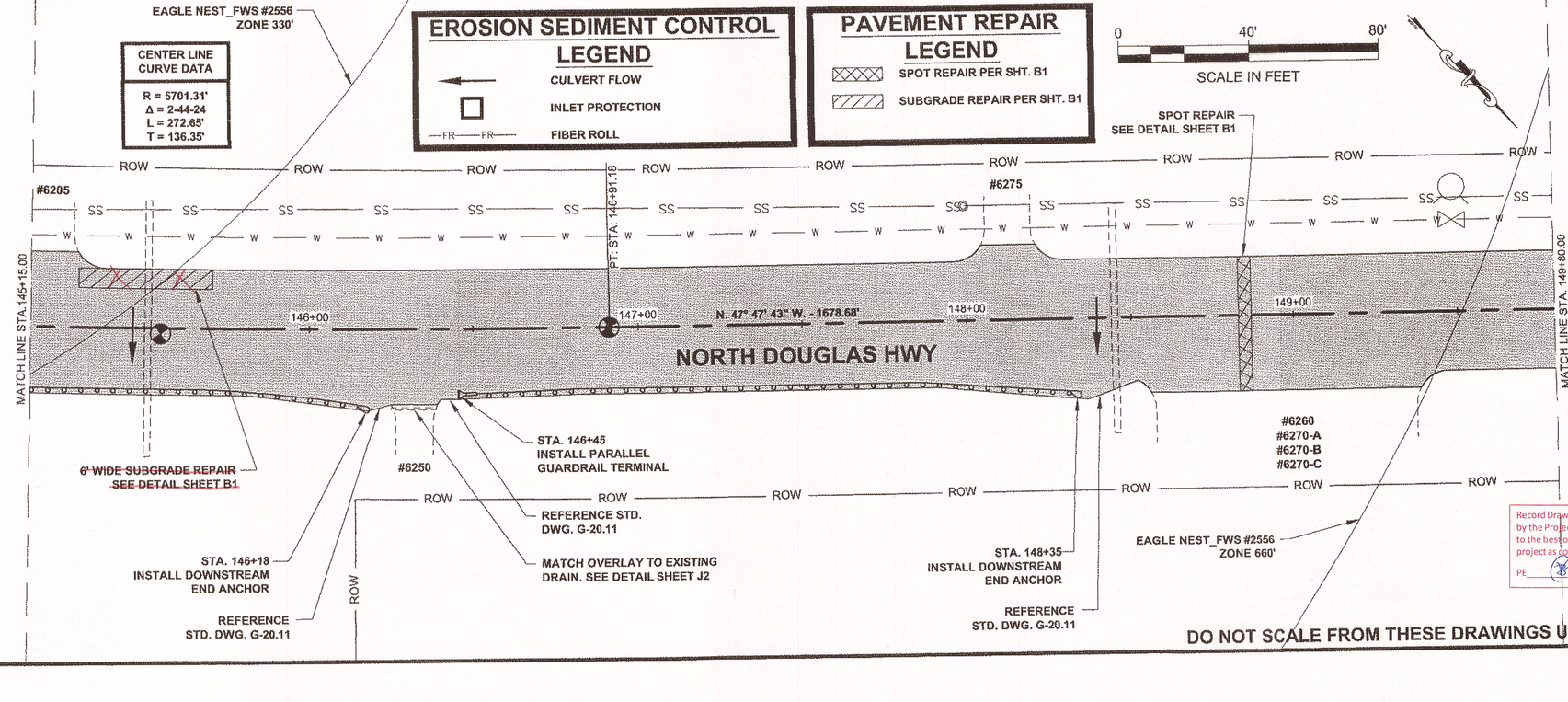
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F15	87





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

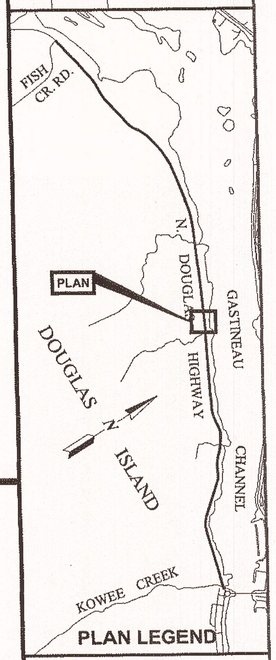
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW
GRANTHAM, RICK L (DOT)
TAB: F16 Monday, September 09, 2013 8:57:33 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KRISTI KARPSTEN
CE-12994
REGISTERED PROFESSIONAL ENGINEER
9/9/13

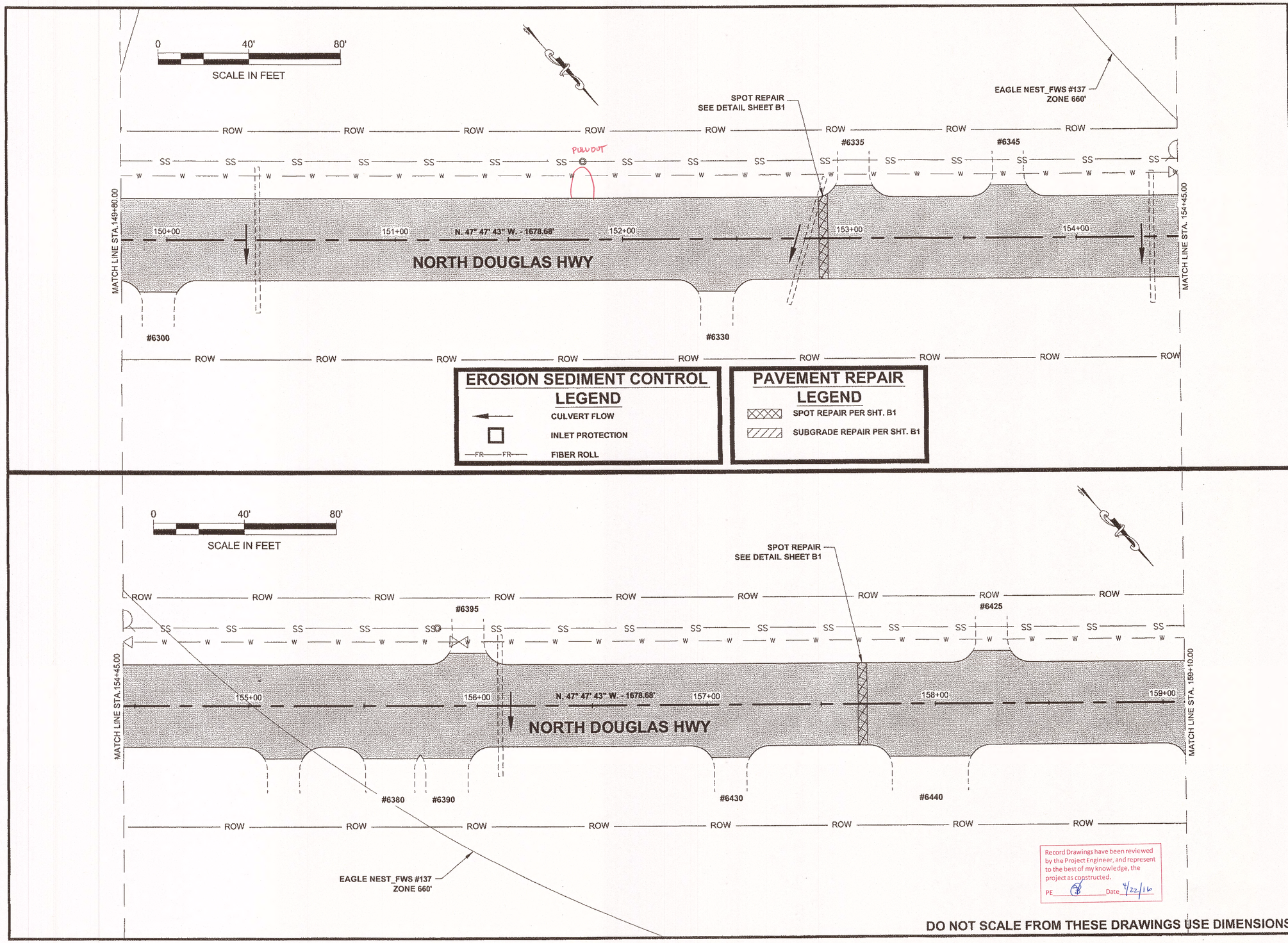
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F16	87



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE ____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

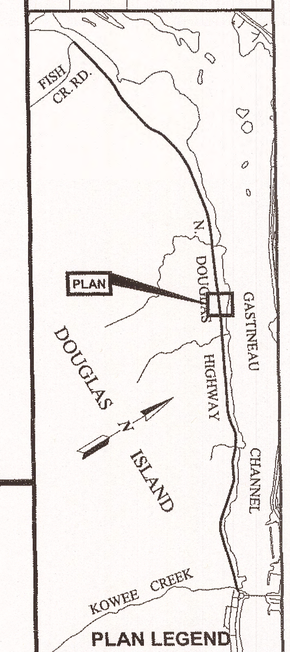
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F17 Sunday, September 08, 2013 10:28:19 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER
7/9/13

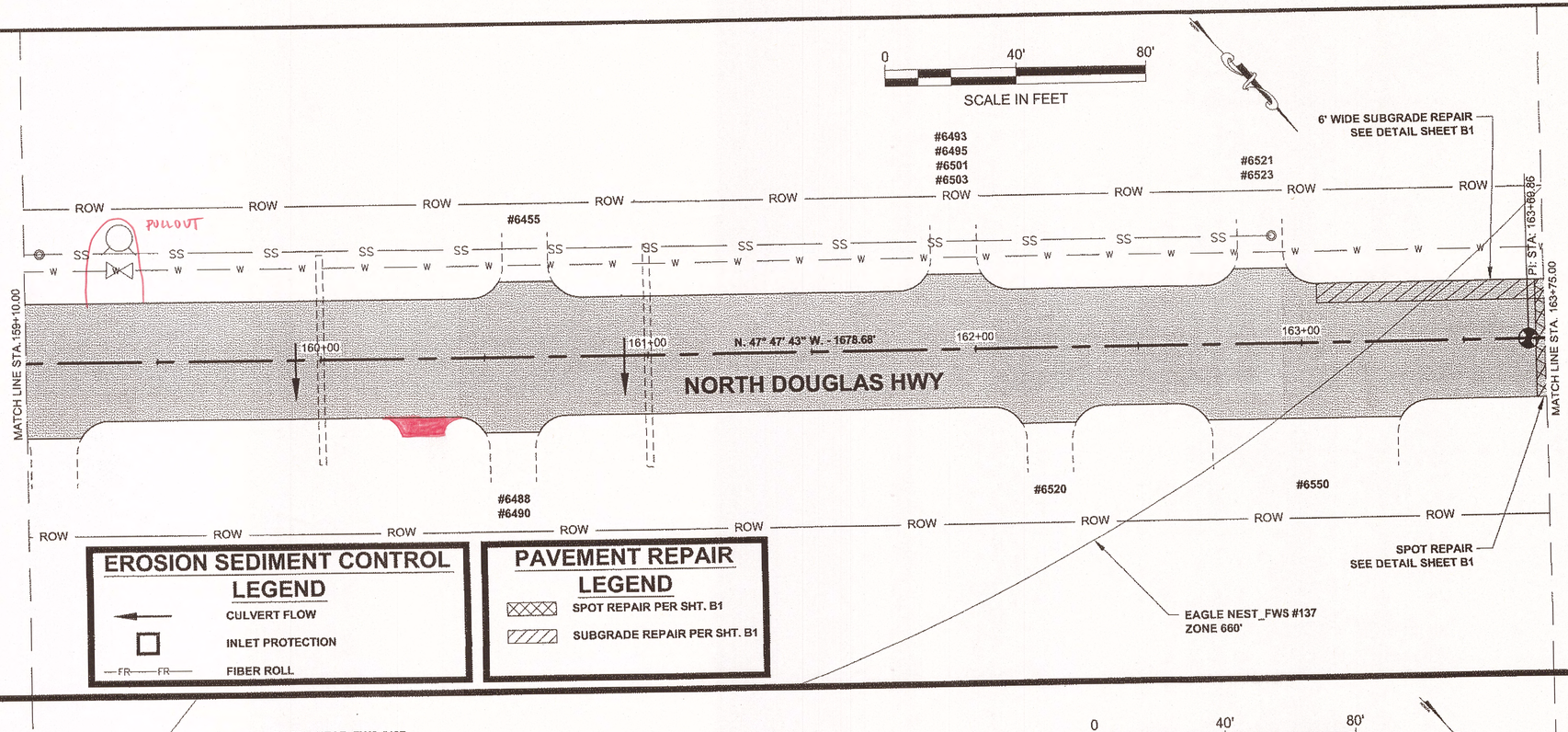
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F17	87

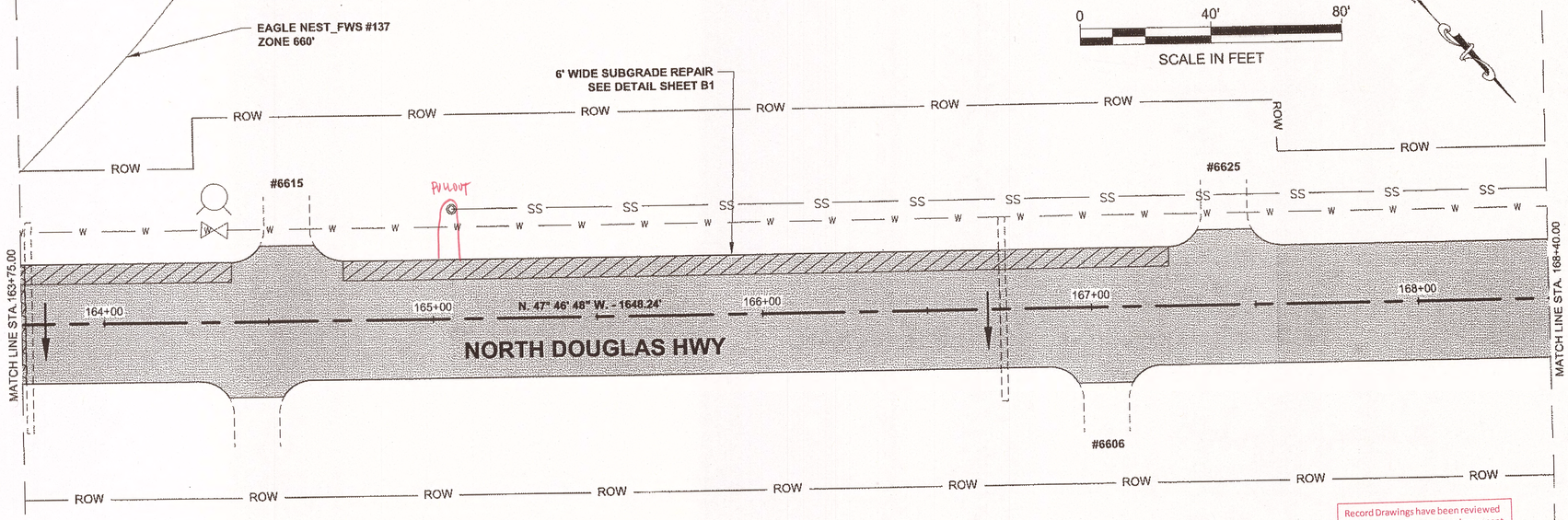


EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL (FR)

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 9/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

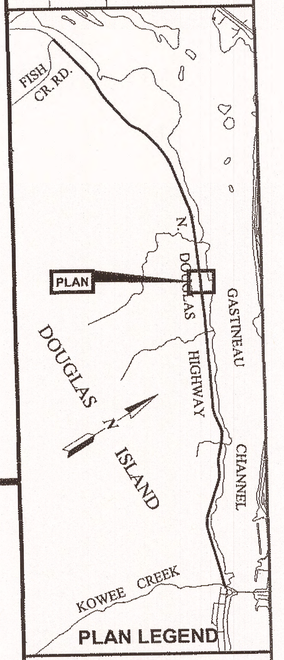
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F18 Sunday, September 08, 2013 10:28:47 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

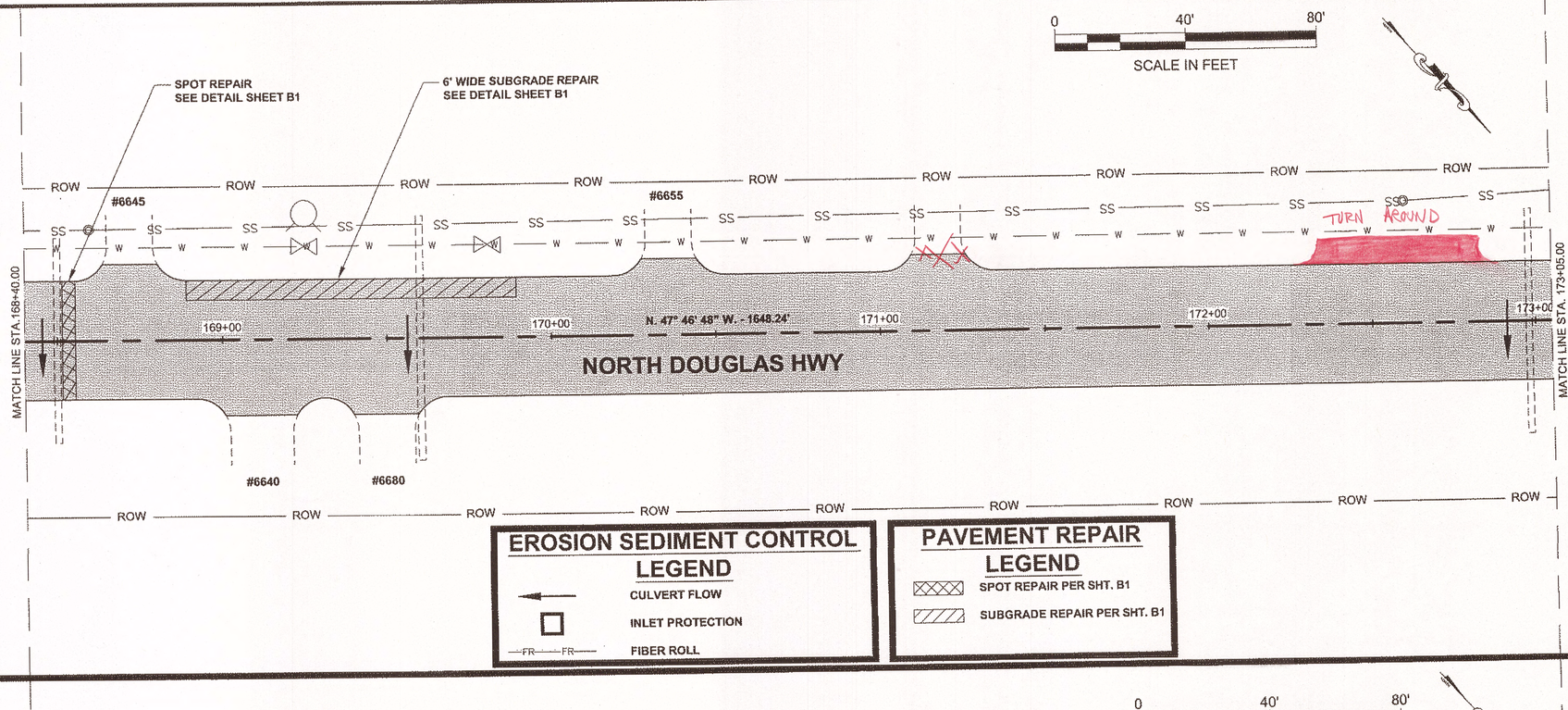
PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F18	87

PATH:Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW
GRANTHAM, RICK L (DOT)
TAB: F19 Saturday, September 07, 2013 1:03:12 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

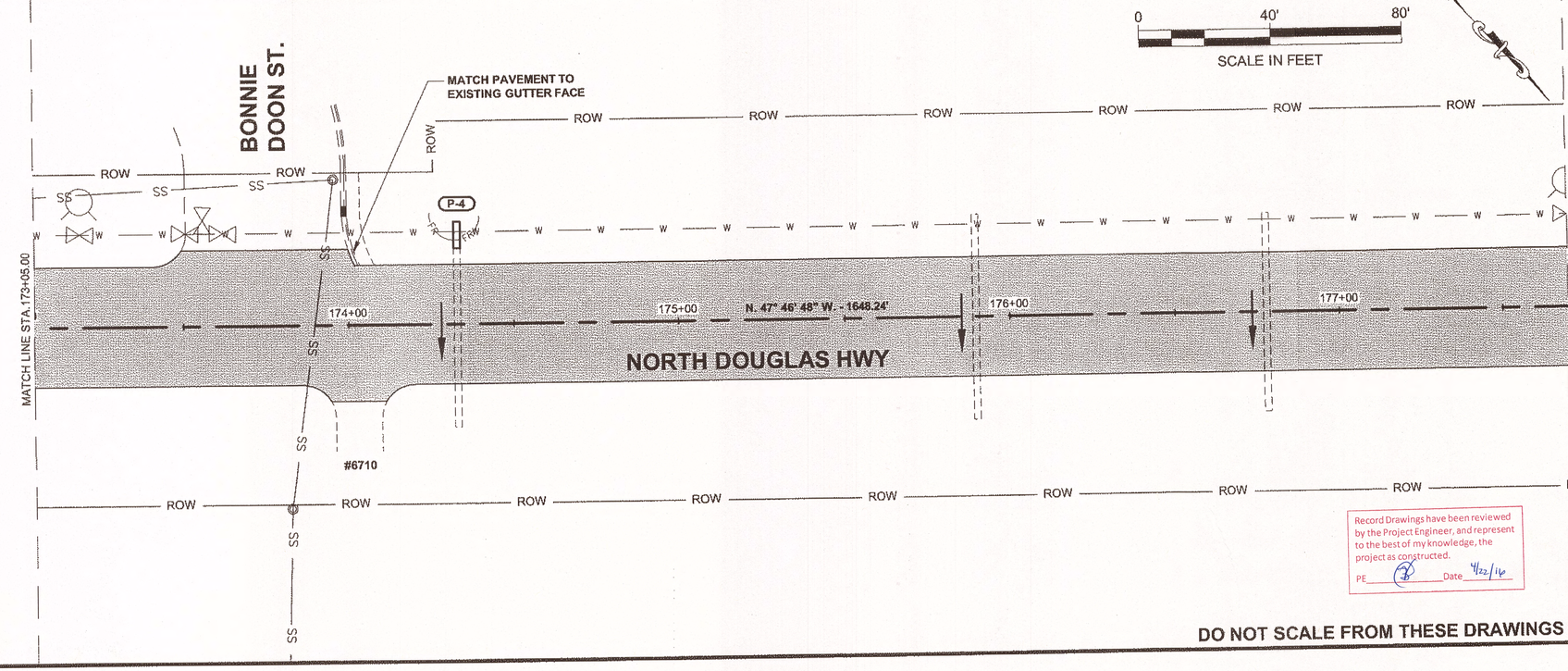


EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR FR — FIBER ROLL

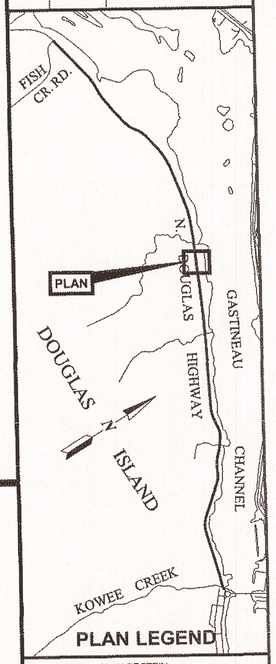
PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

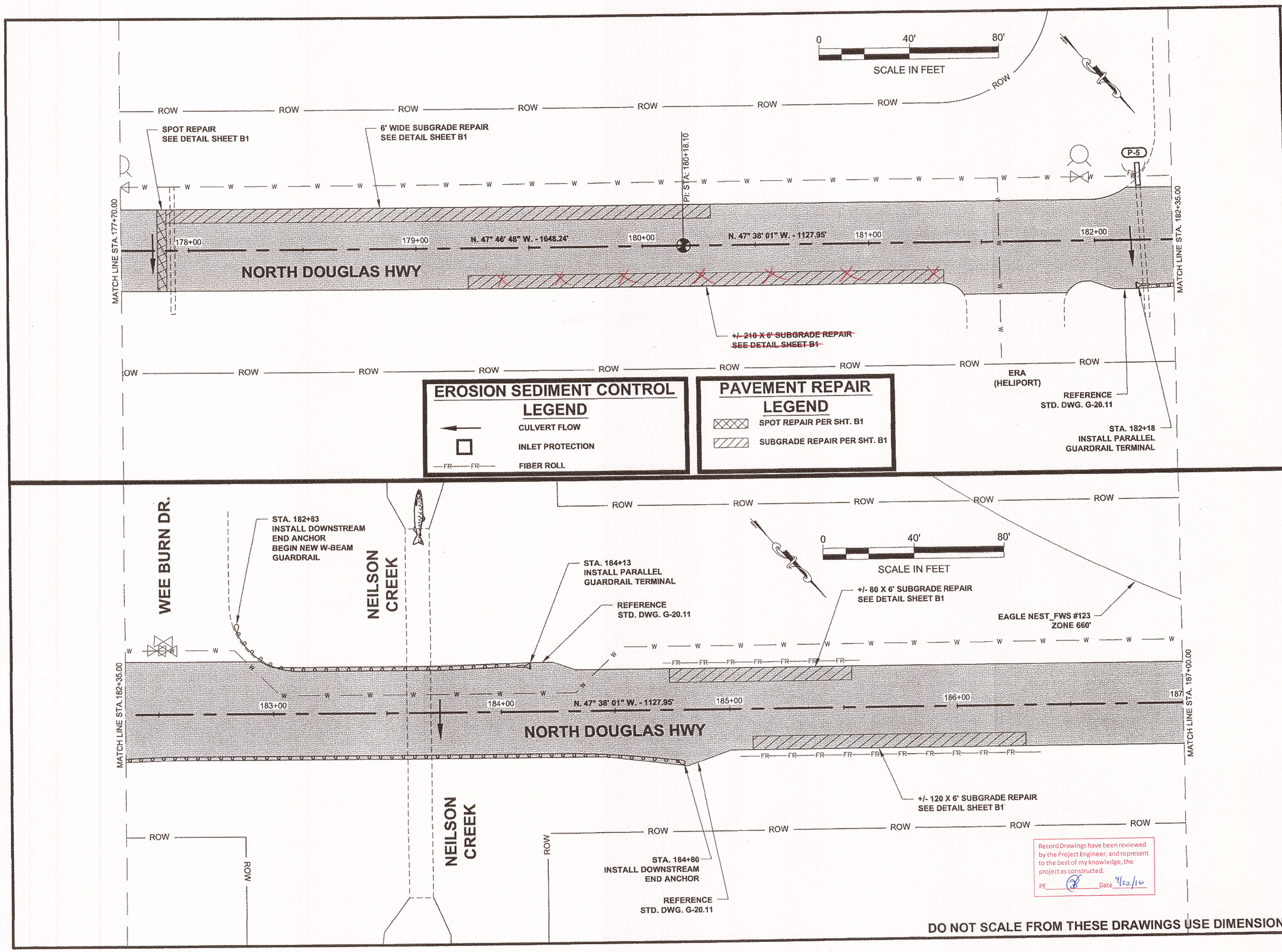
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F19	87



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

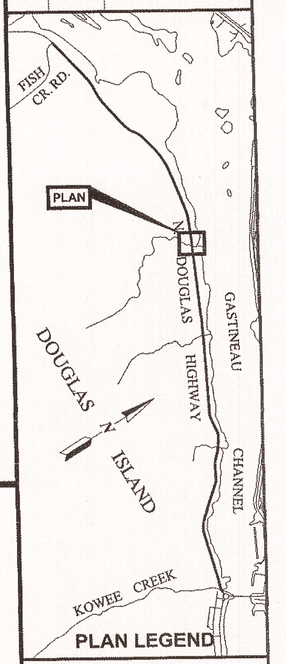
GRANTHAM, RICK L (DOT)
TAB: F20 Monday, September 09, 2013 8:58:14 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 9/9/13

DESIGNED BY: D. MULLINER

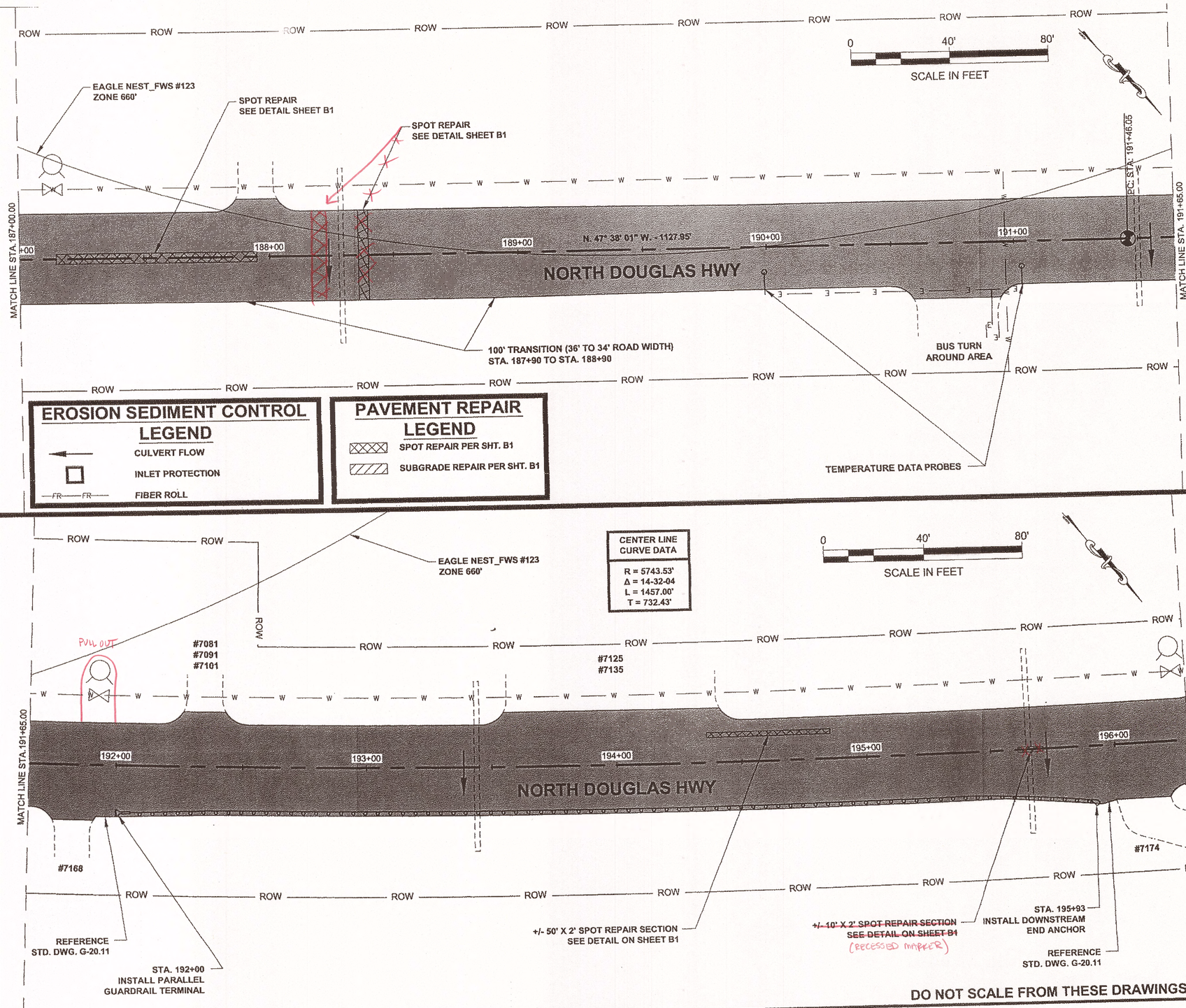
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F20	87



EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL (FR—FR)

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

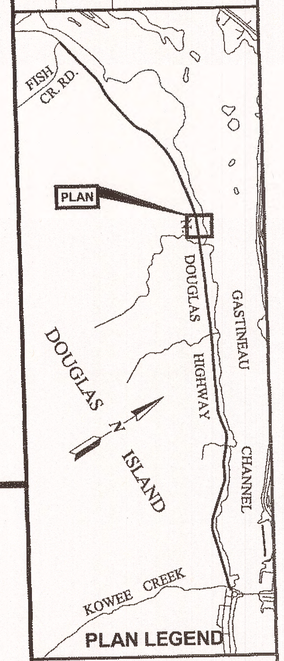
PE _____ Date 4/22/16

GRANTHAM, RICK L (DOT)
TAB: F21 Saturday, September 07, 2013 1:34:33 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

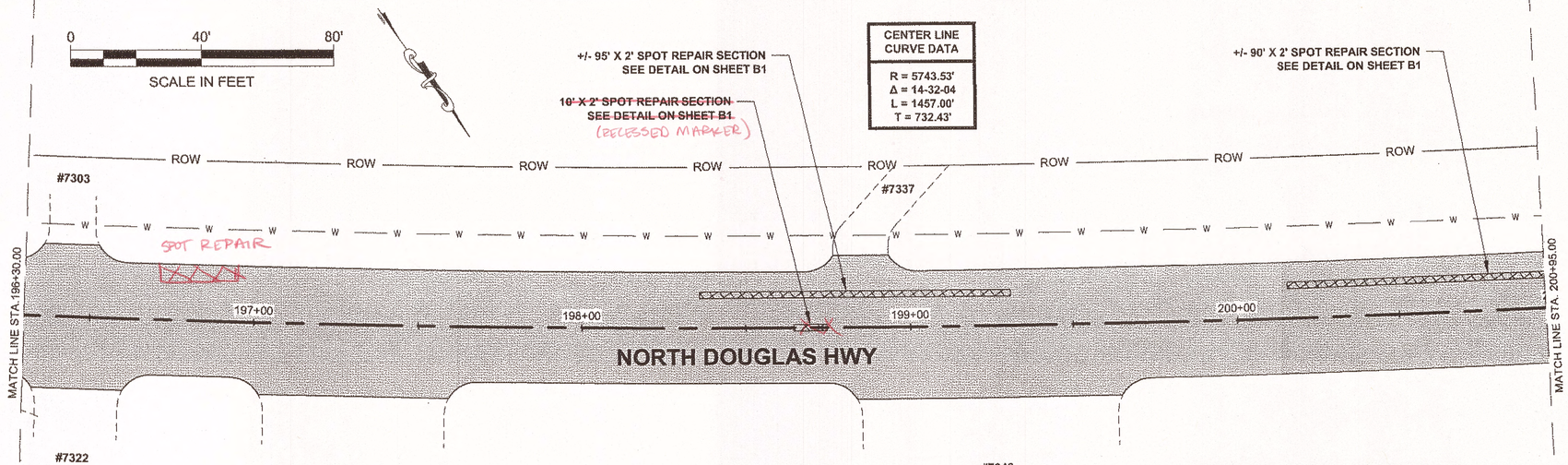
DRAWN BY: D. MULLINER, R. GRANTHAM

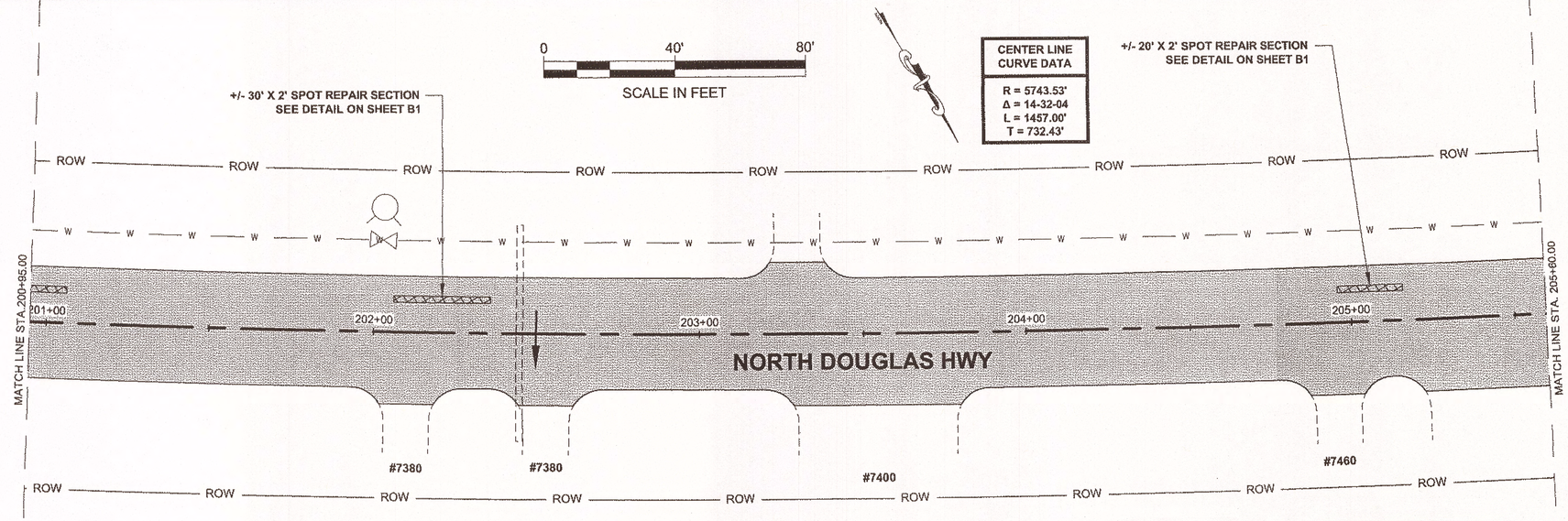
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F21	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

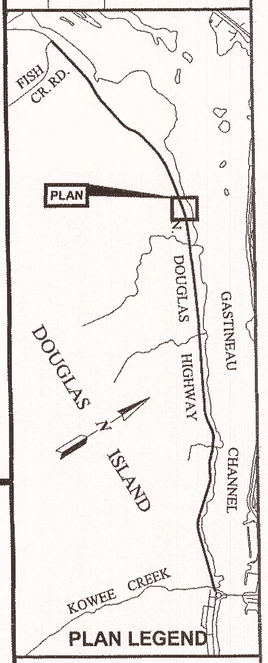
GRANTHAM, RICK L (DOT)
TAB: F22 Saturday, September 07, 2013 1:36:20 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH K. KARPSTEIN
CE-12304
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

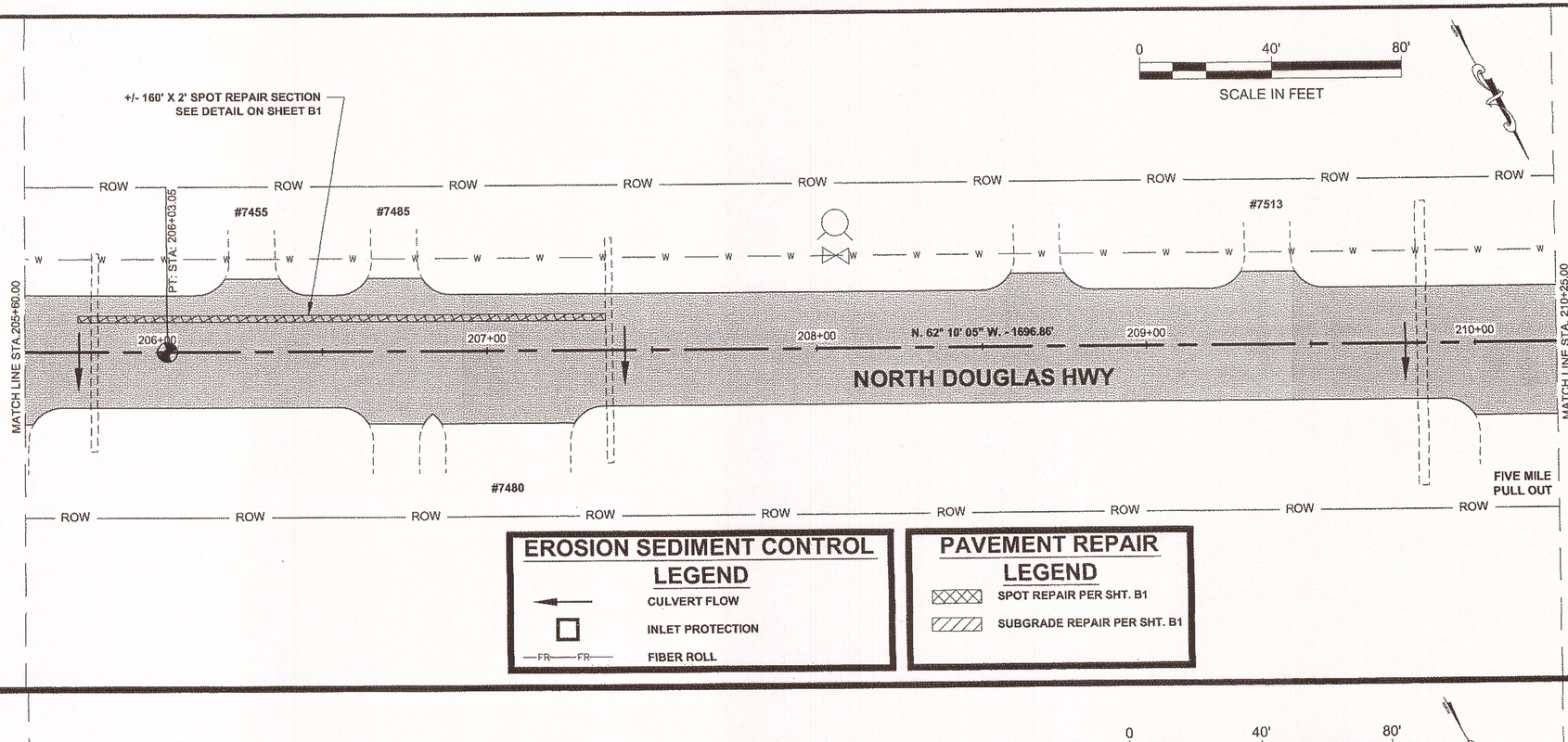
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F22	87

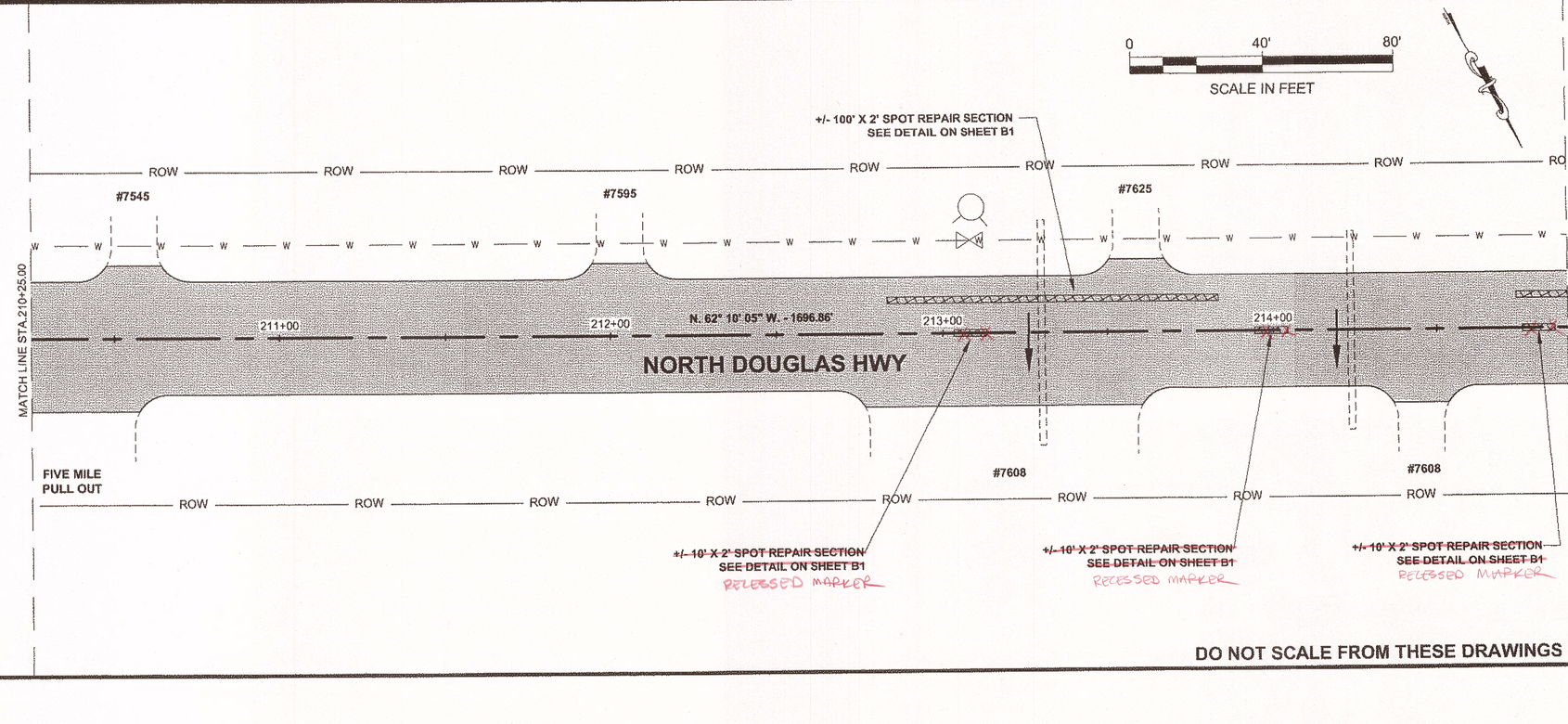


EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

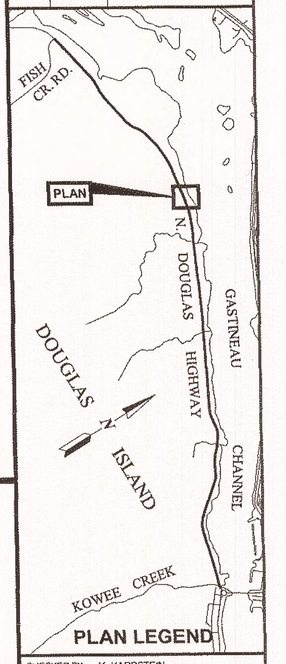
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F23 Saturday, September 07, 2013 1:36:14 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

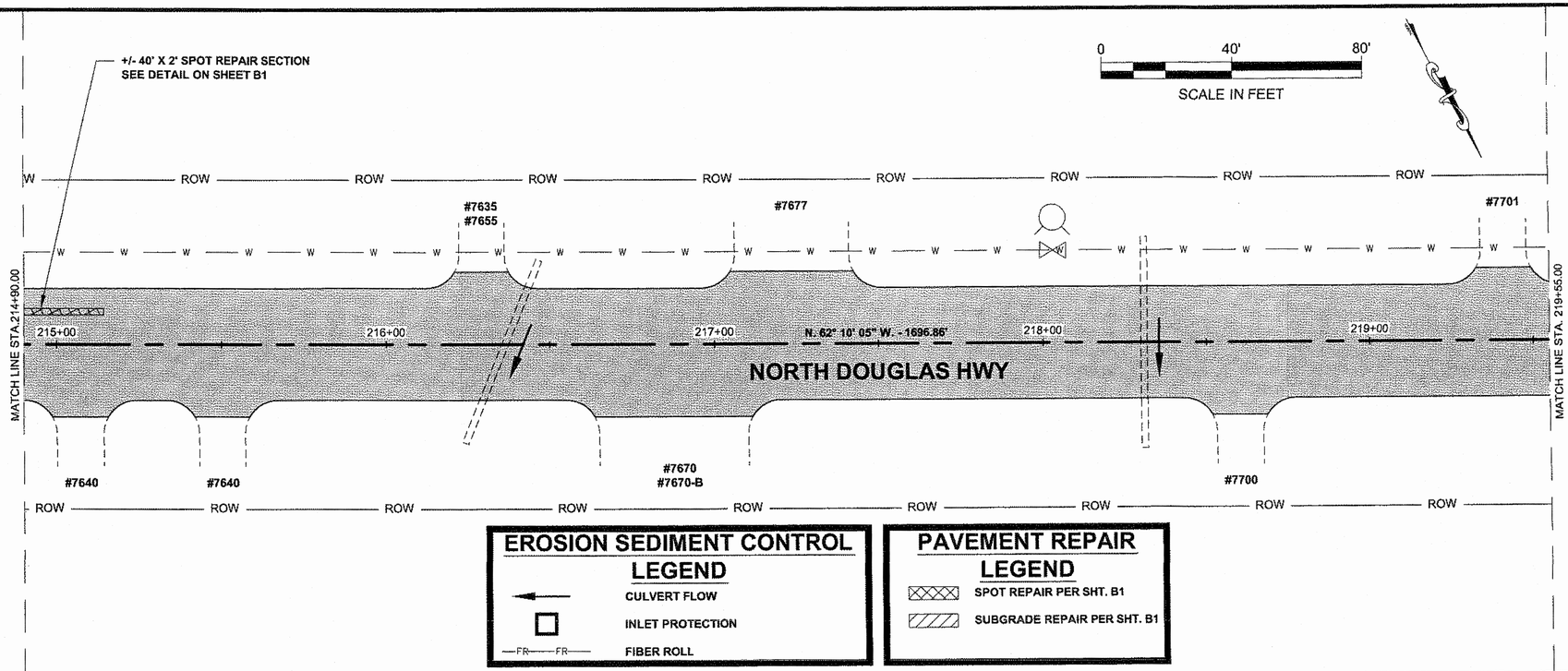
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F23	87

As-Built Plans have been reviewed and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

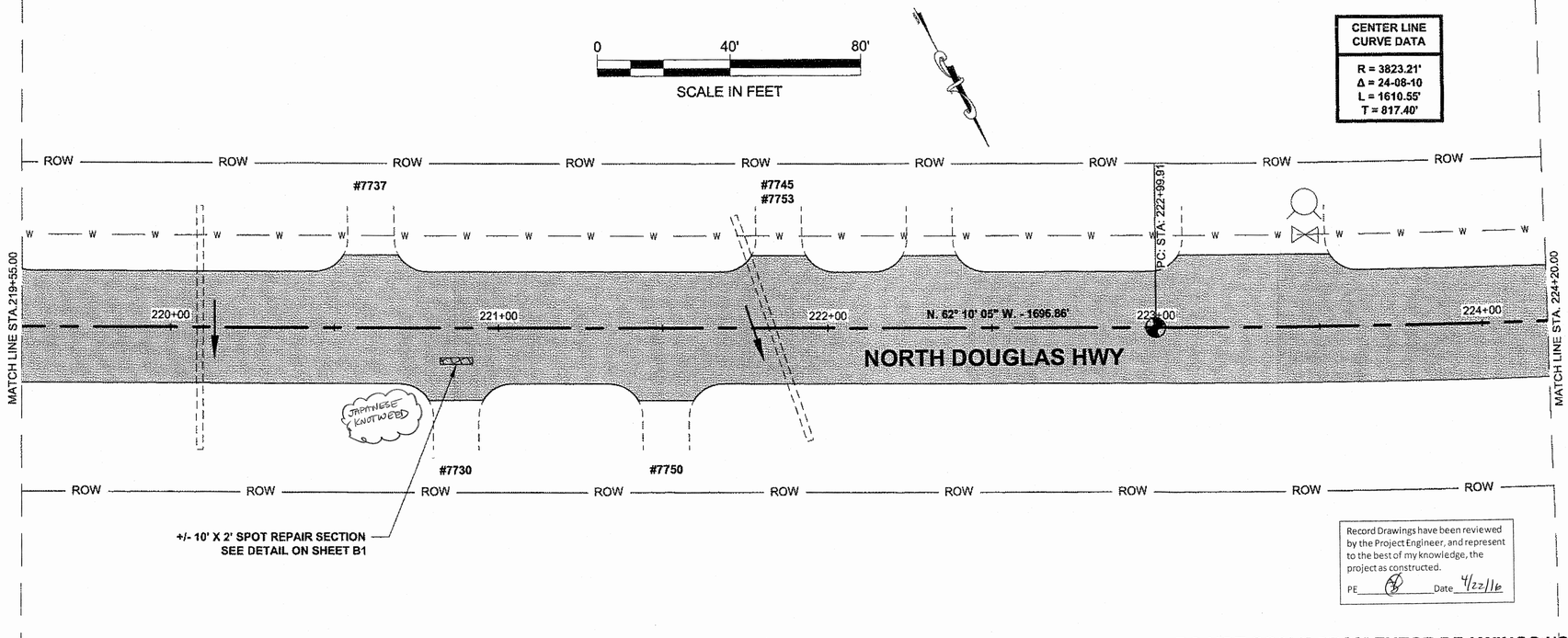


EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1



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R = 3823.21'
Δ = 24-08-10
L = 1610.55'
T = 817.40'

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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

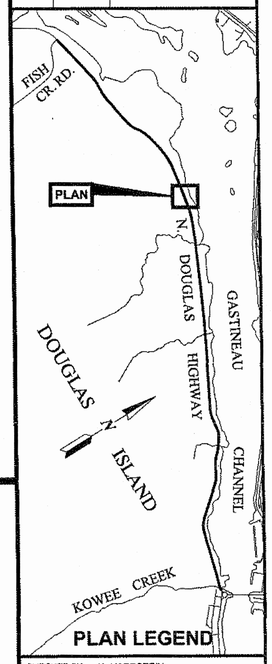
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F24 Saturday, September 07, 2013 1:37:27 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

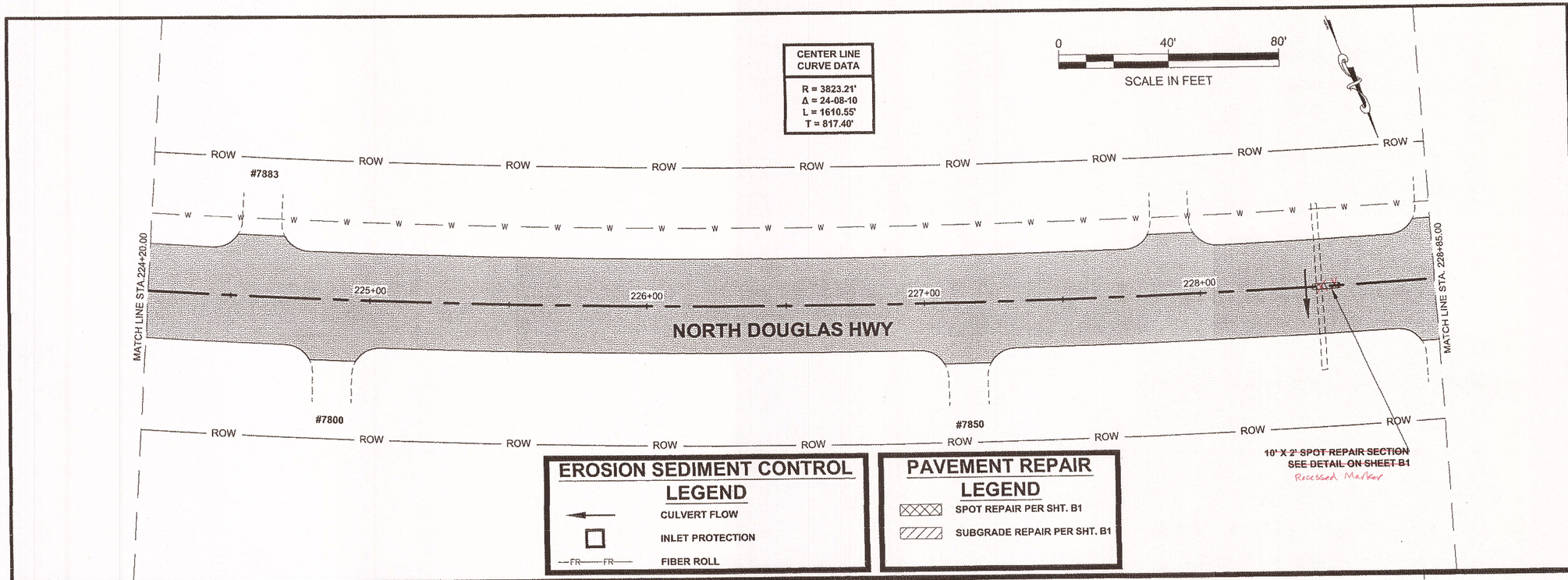
DRAWN BY: D. MULLINER, R. GRANTHAM

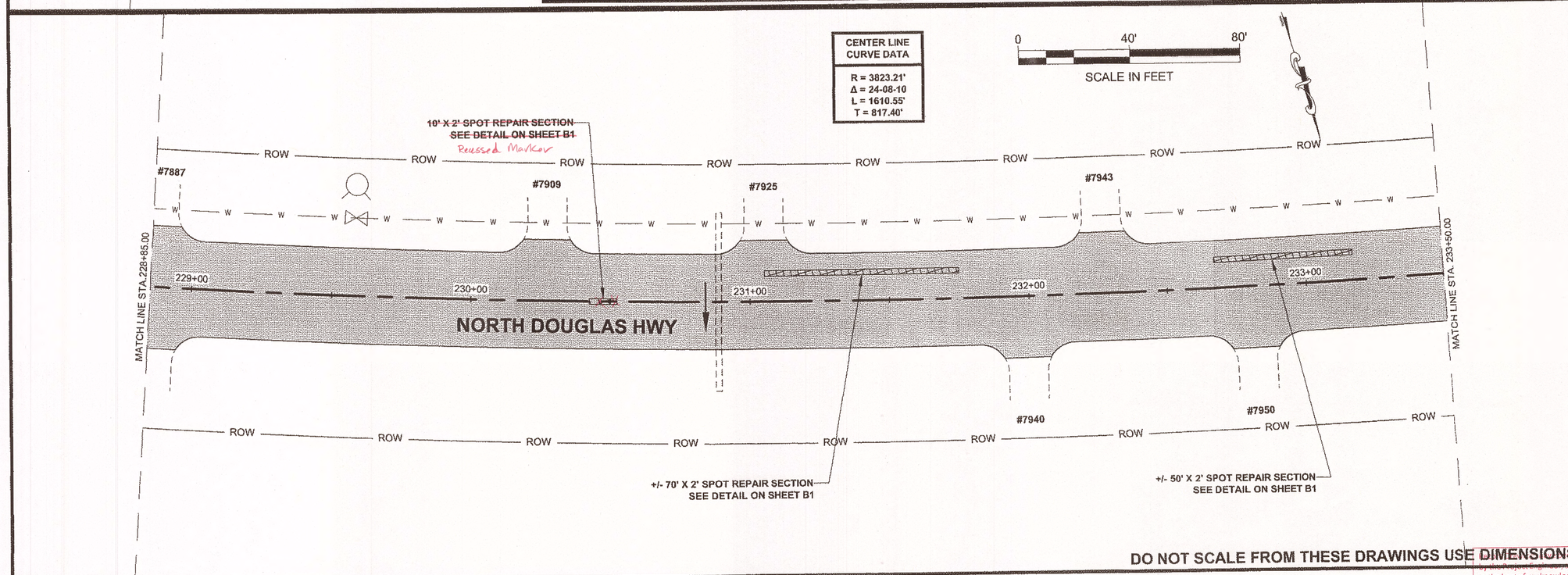
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F24	87





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

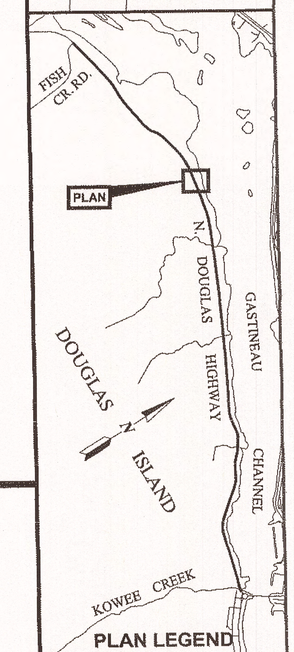
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F25 Saturday, September 07, 2013 1:38:14 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 7/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

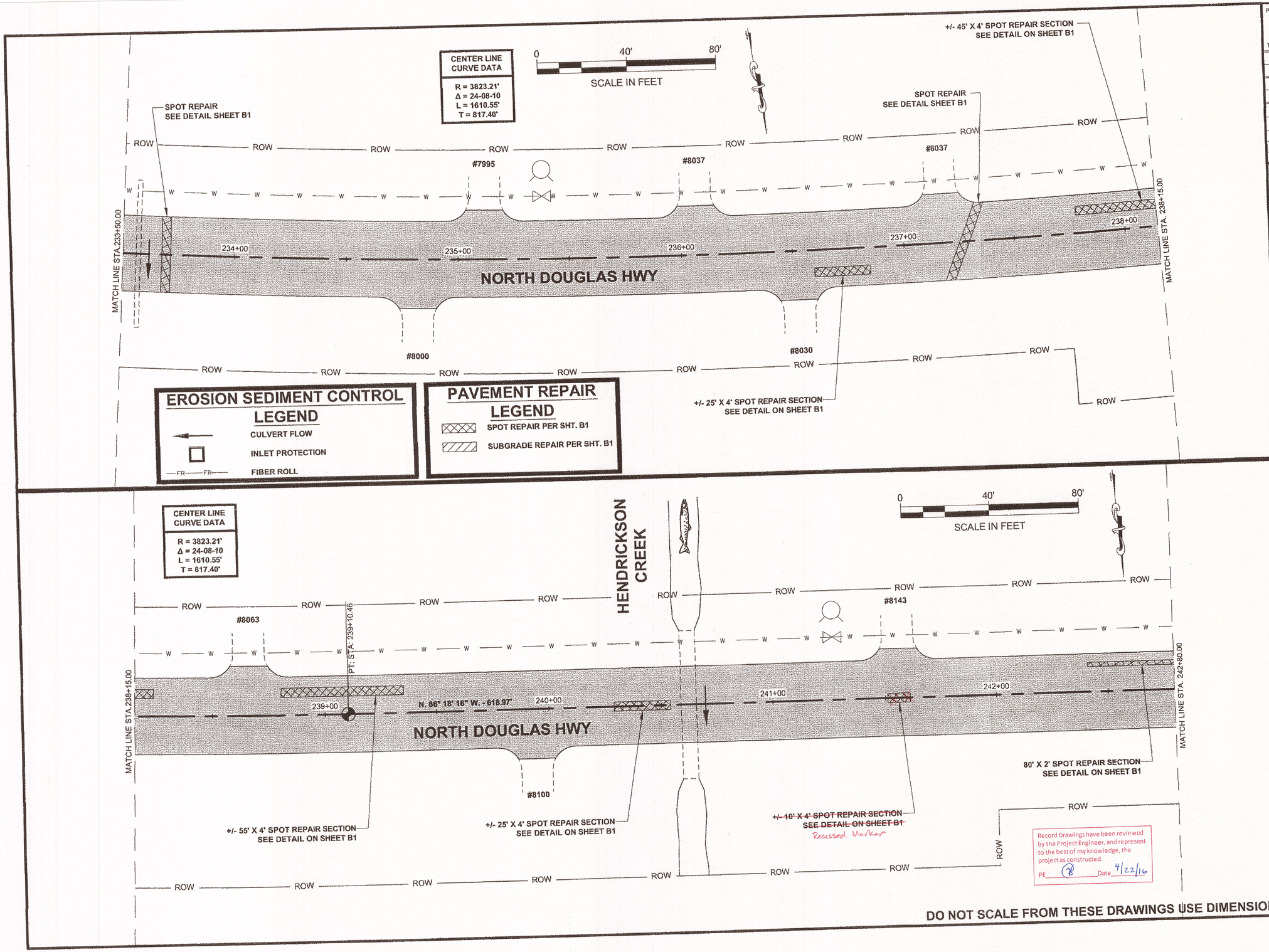
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F25	87

Reviewed by the Project Engineer and is correct to the best of my knowledge, the project as constructed.
PE Date 4/22/16



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

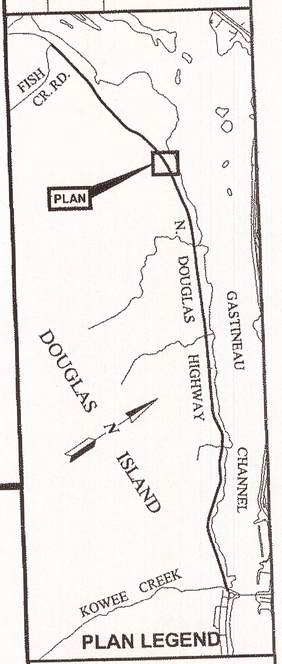
GRANTHAM, RICK L (DOT)
TAB: F26 Saturday, September 07, 2013 1:38:50 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD. PROJECT #67531

PLAN VIEW

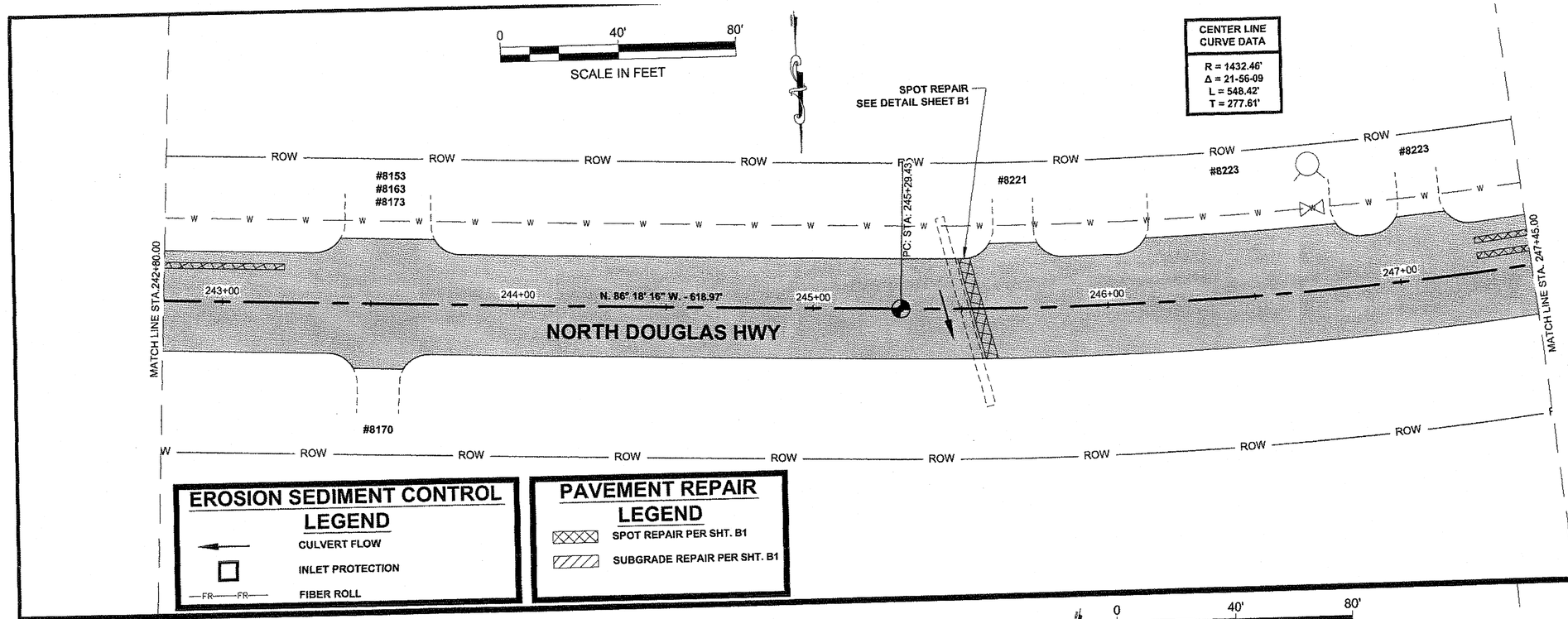
PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F26	87

GRANTHAM, RICK L (DOT)
TAB: F27 Saturday, September 07, 2013 1:39:33 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

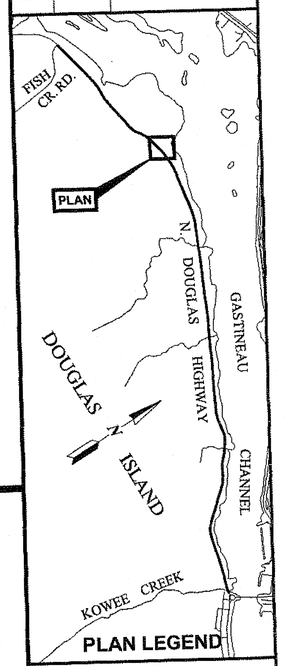
RECORD OF REVISIONS

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 _____ Date 9/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

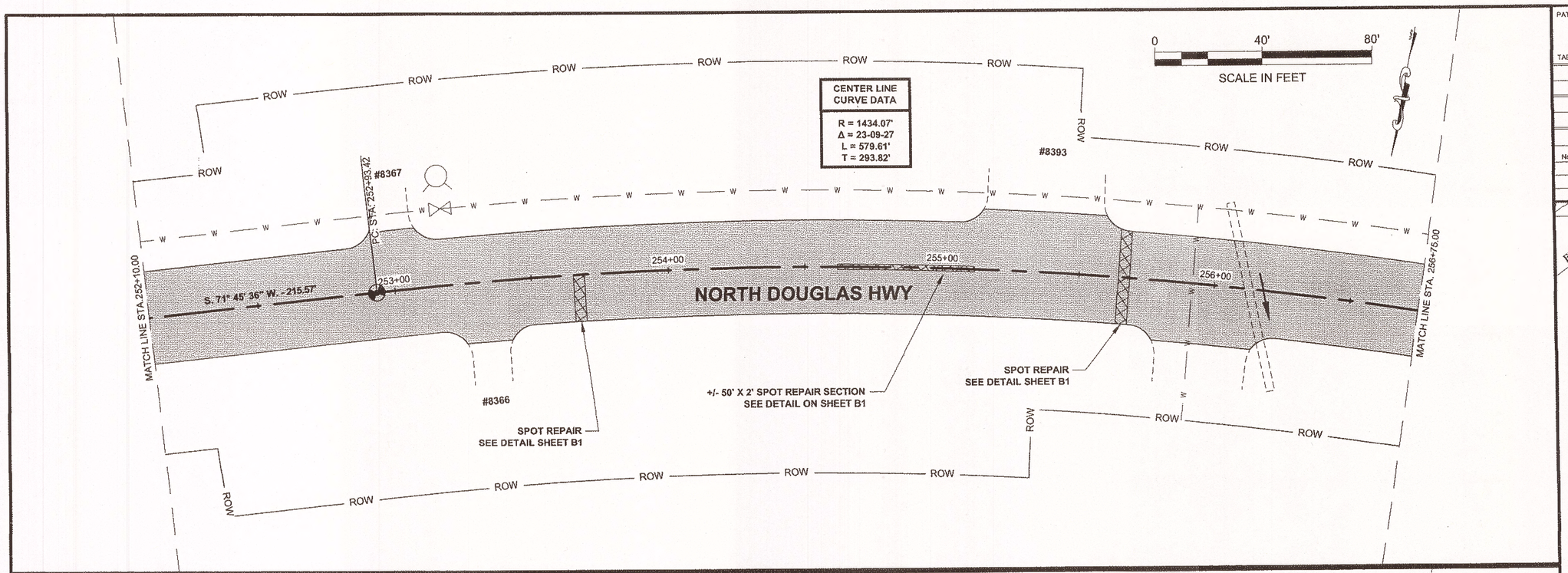
DRAWN BY: D. MULLINER, R. GRANTHAM

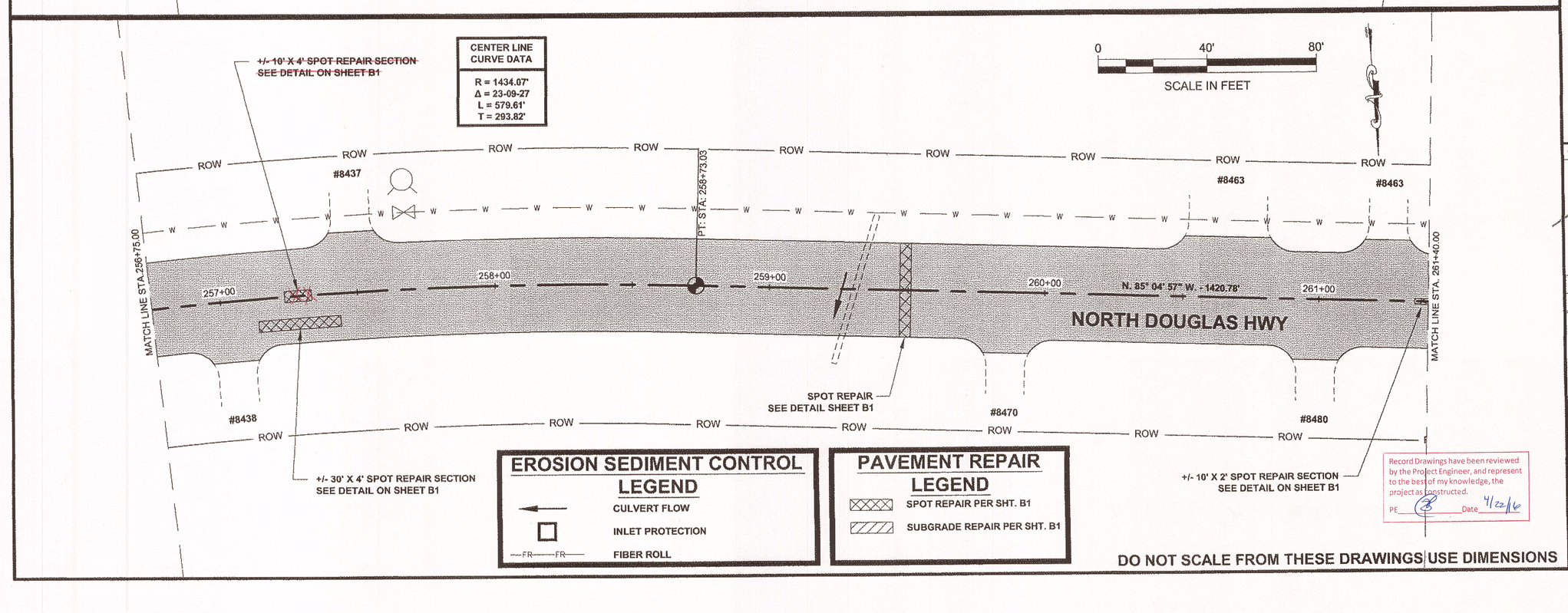
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F27	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FIBER ROLL (FR——FR)

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

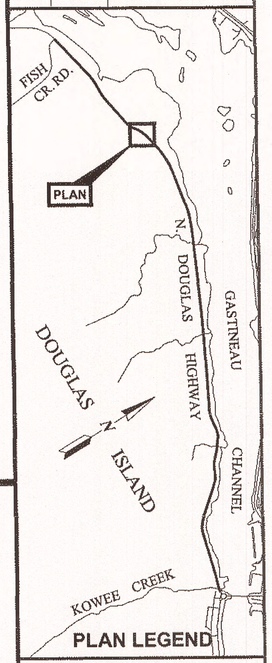
GRANTHAM, RICK L (DOT)
TAB: F28 Saturday, September 07, 2013 1:40:19 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

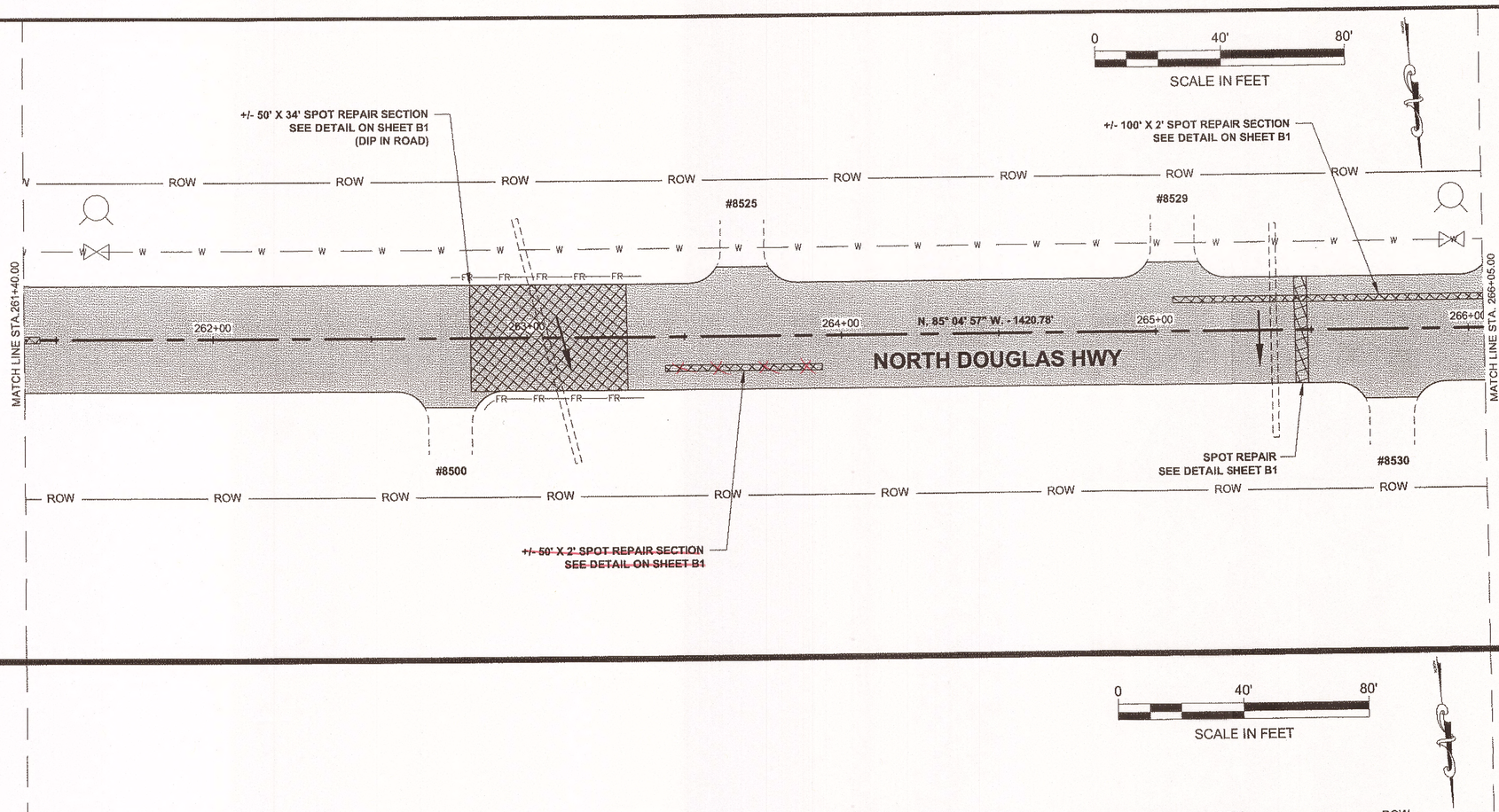
DRAWN BY: D. MULLINER, R. GRANTHAM

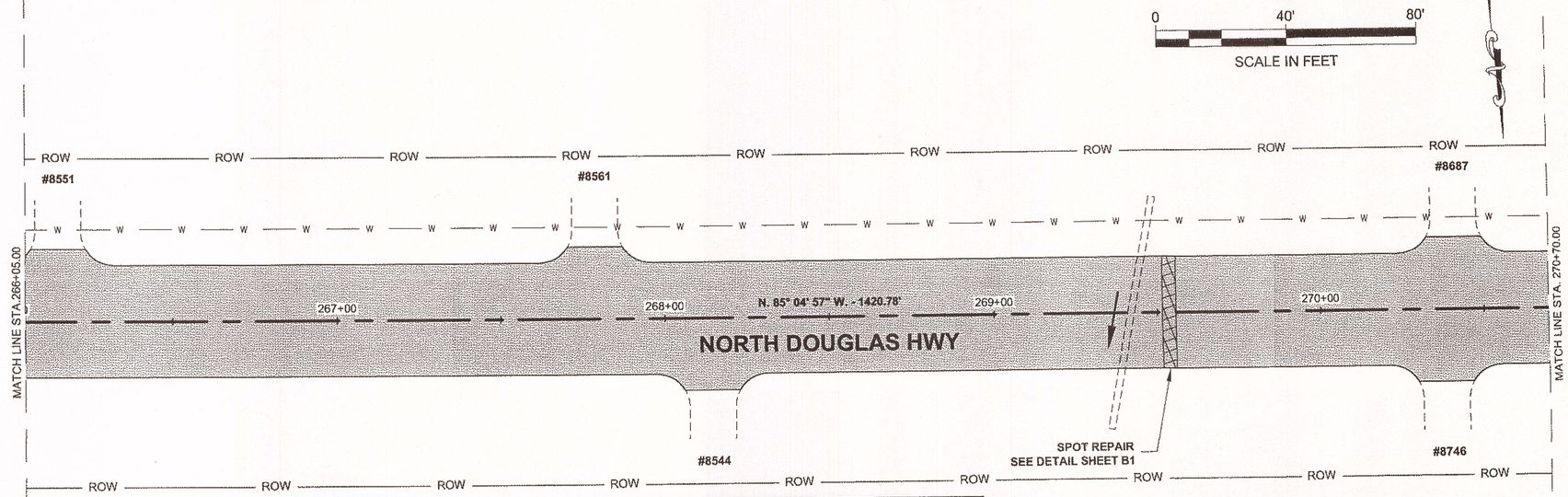
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F28	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

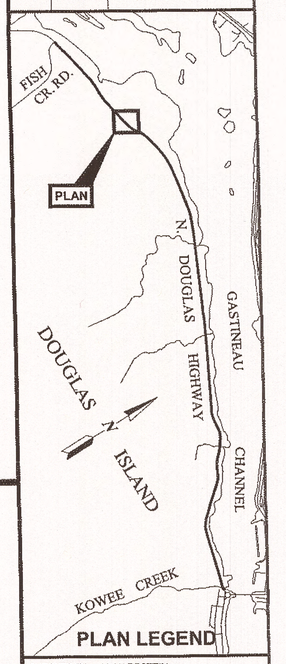
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F29 Monday, September 09, 2013 8:59:3[illegible] AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

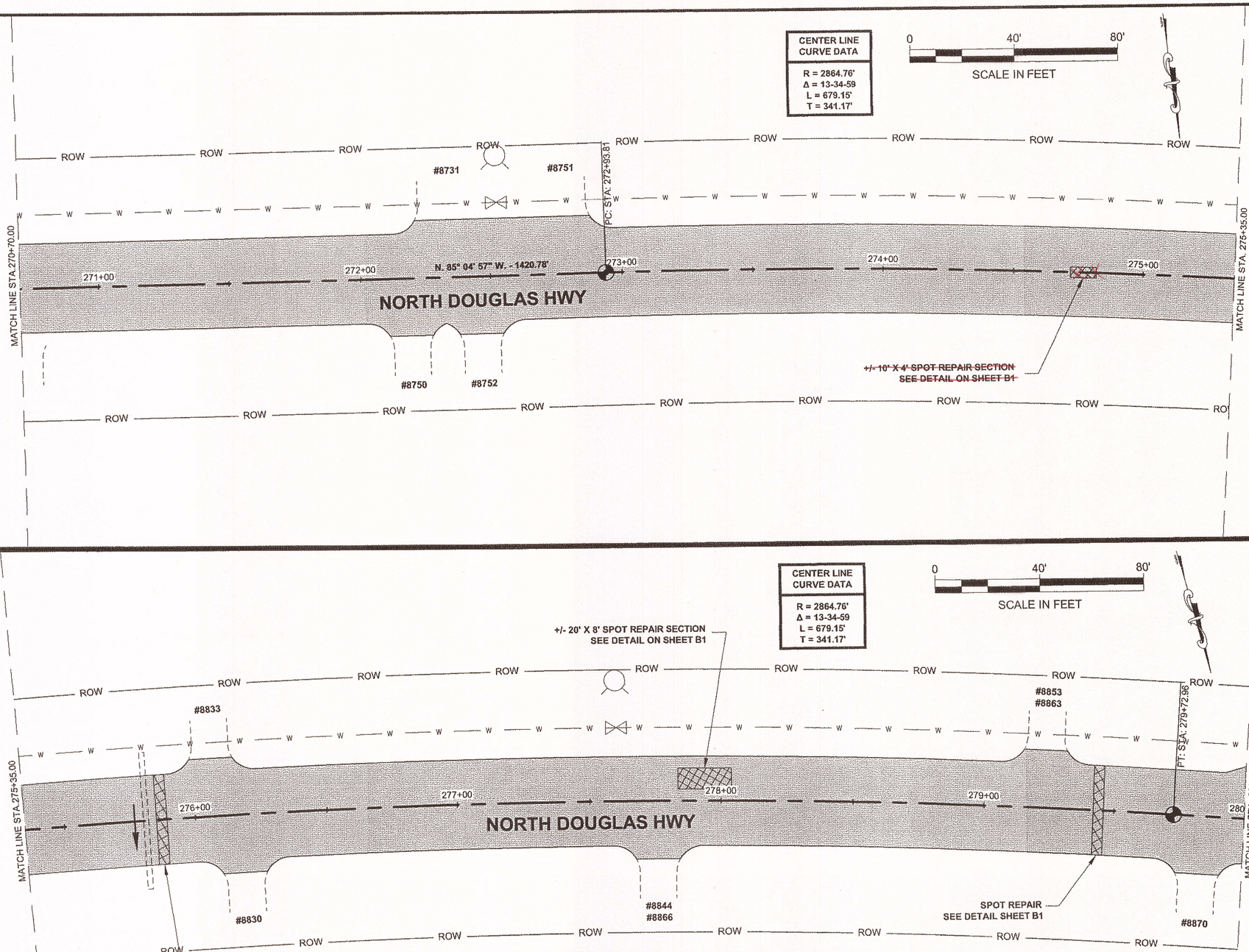
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F29	87



EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

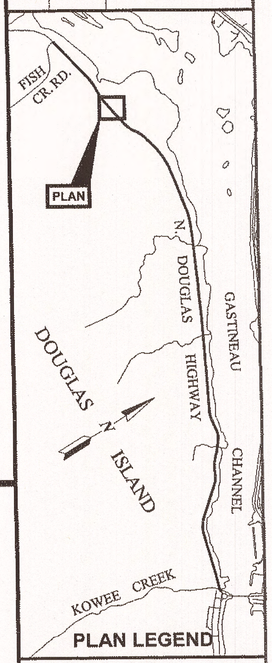
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)
TAB: F30 Saturday, September 07, 2013 1:42:18 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 9/9/13

DESIGNED BY: D. MULLINER

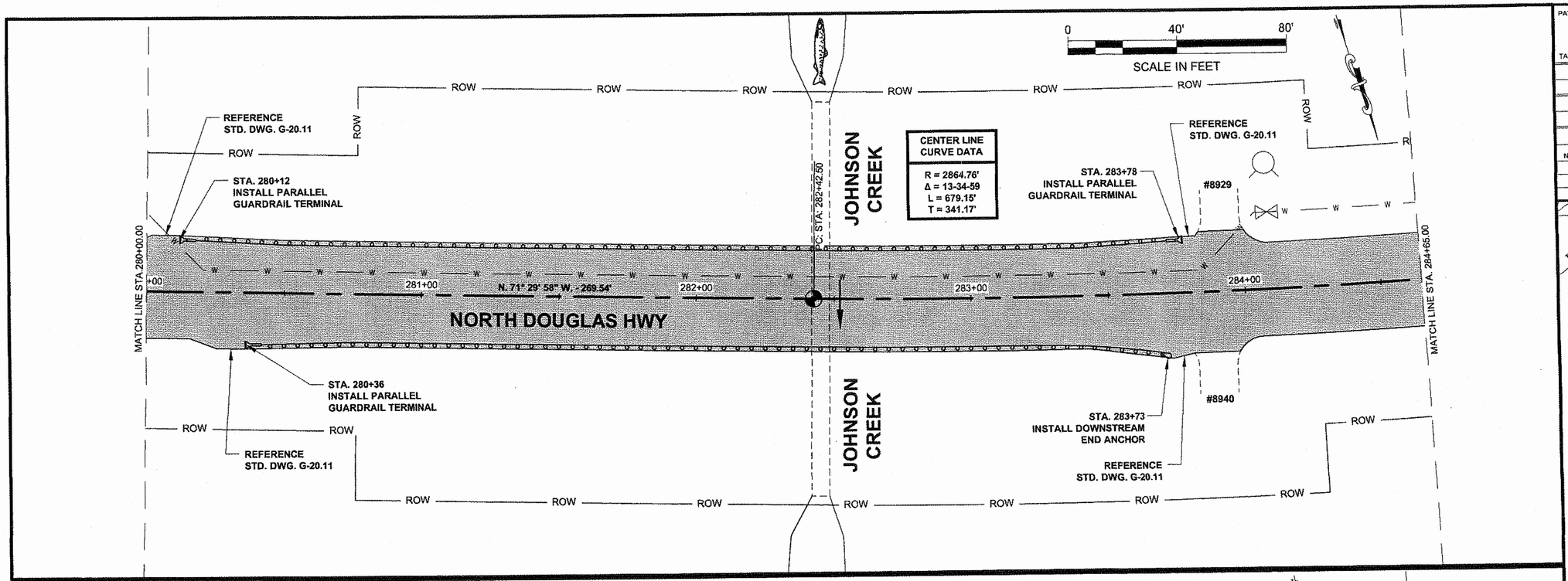
DRAWN BY: D. MULLINER, R. GRANTHAM

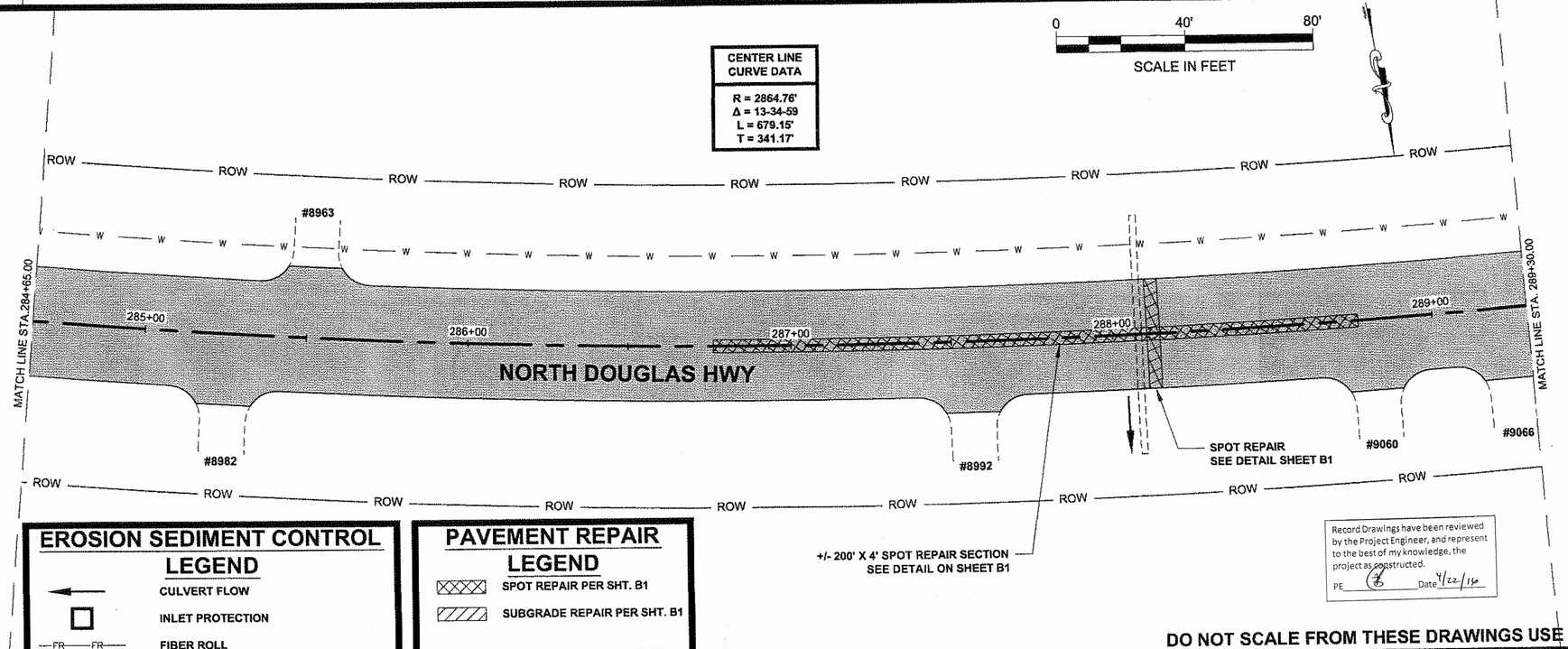
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F30	87





EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14

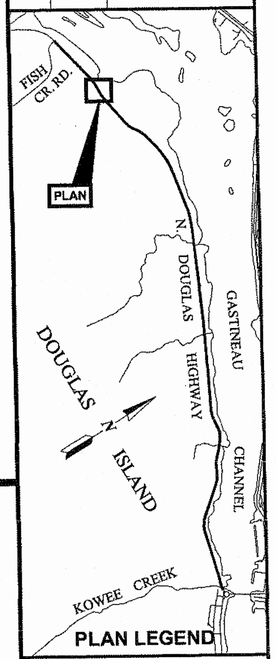
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW
GRANTHAM, RICK L (DOT)
TAB: F31 Saturday, September 07, 2013 2:07:43 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KENNETH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
4/9/13

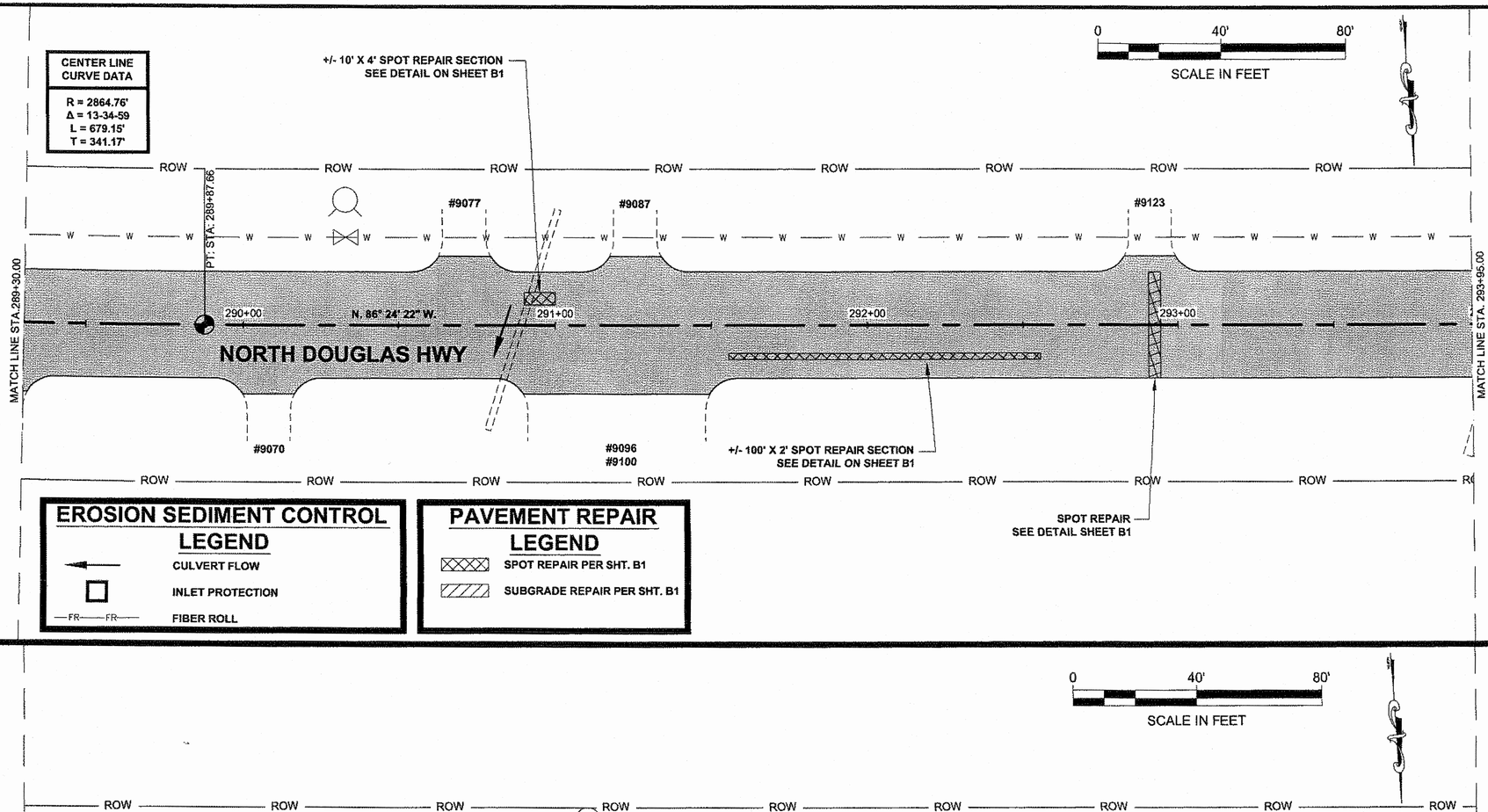
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F31	87



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

PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

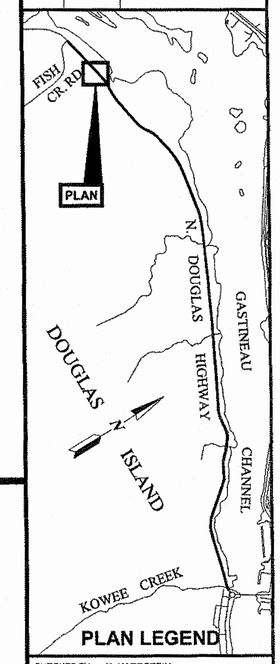
GRANTHAM, RICK L (DOT)
TAB: F32 Saturday, September 07, 2013 2:07:50 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

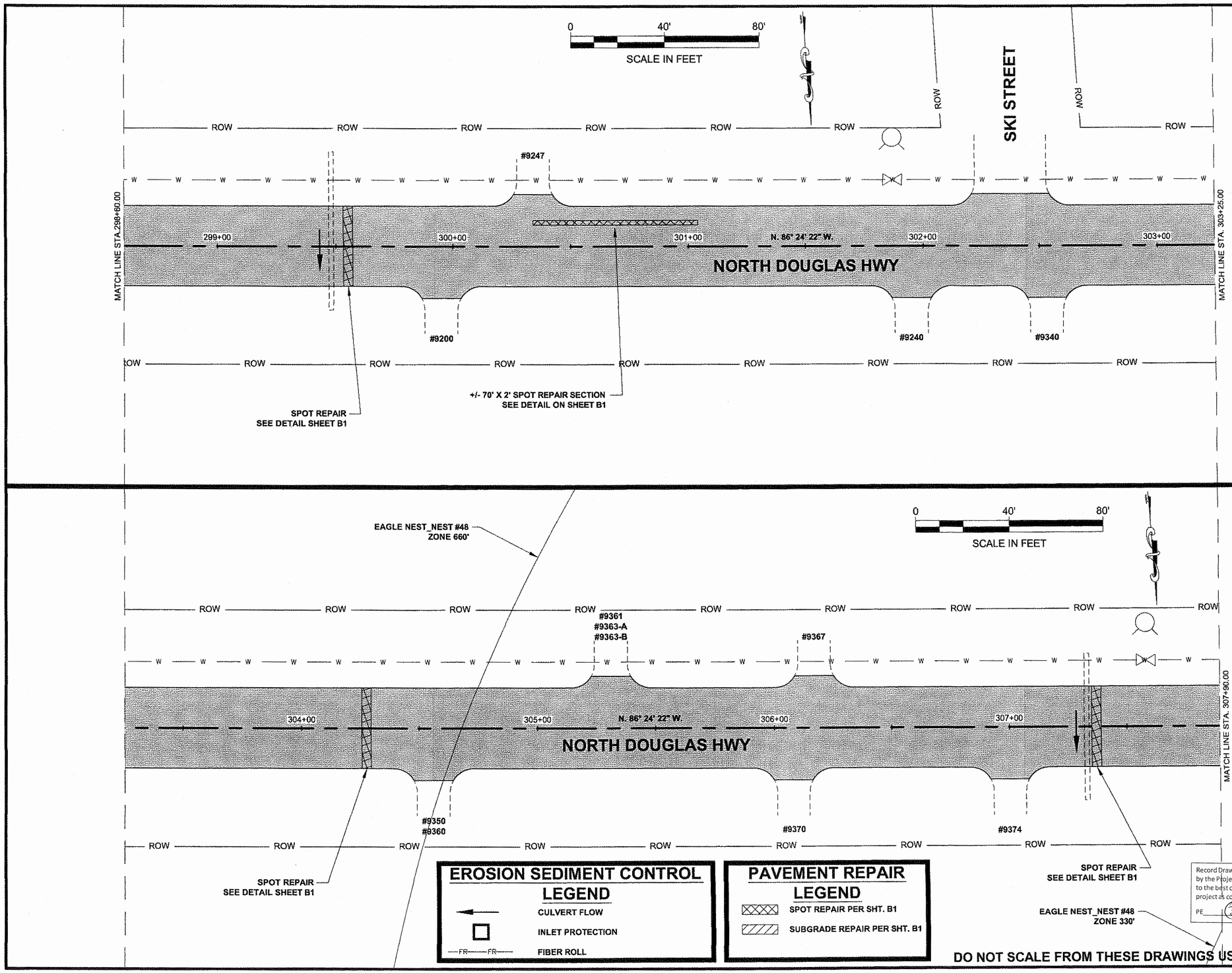
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F32	87



EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR—FR— FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 4/22/16

PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW

GRANTHAM, RICK L (DOT)

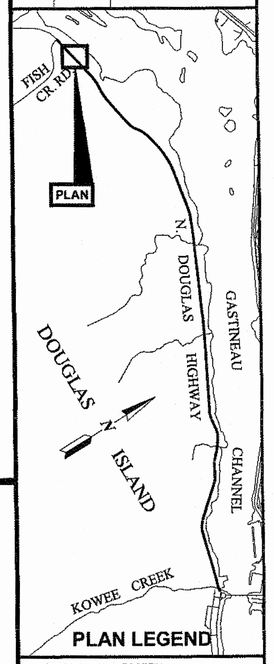
TAB: F33 Saturday, September 07, 2013 2:07:20 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

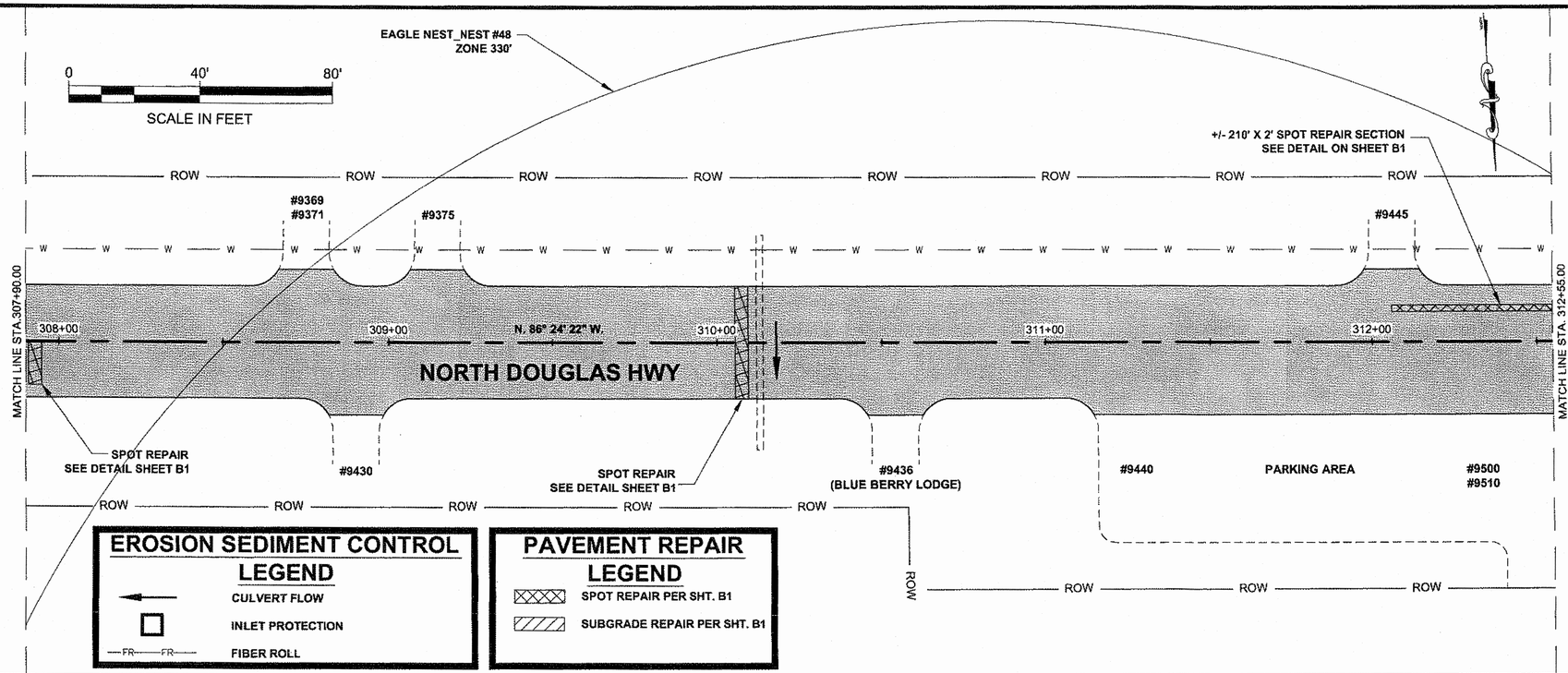
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F33	87

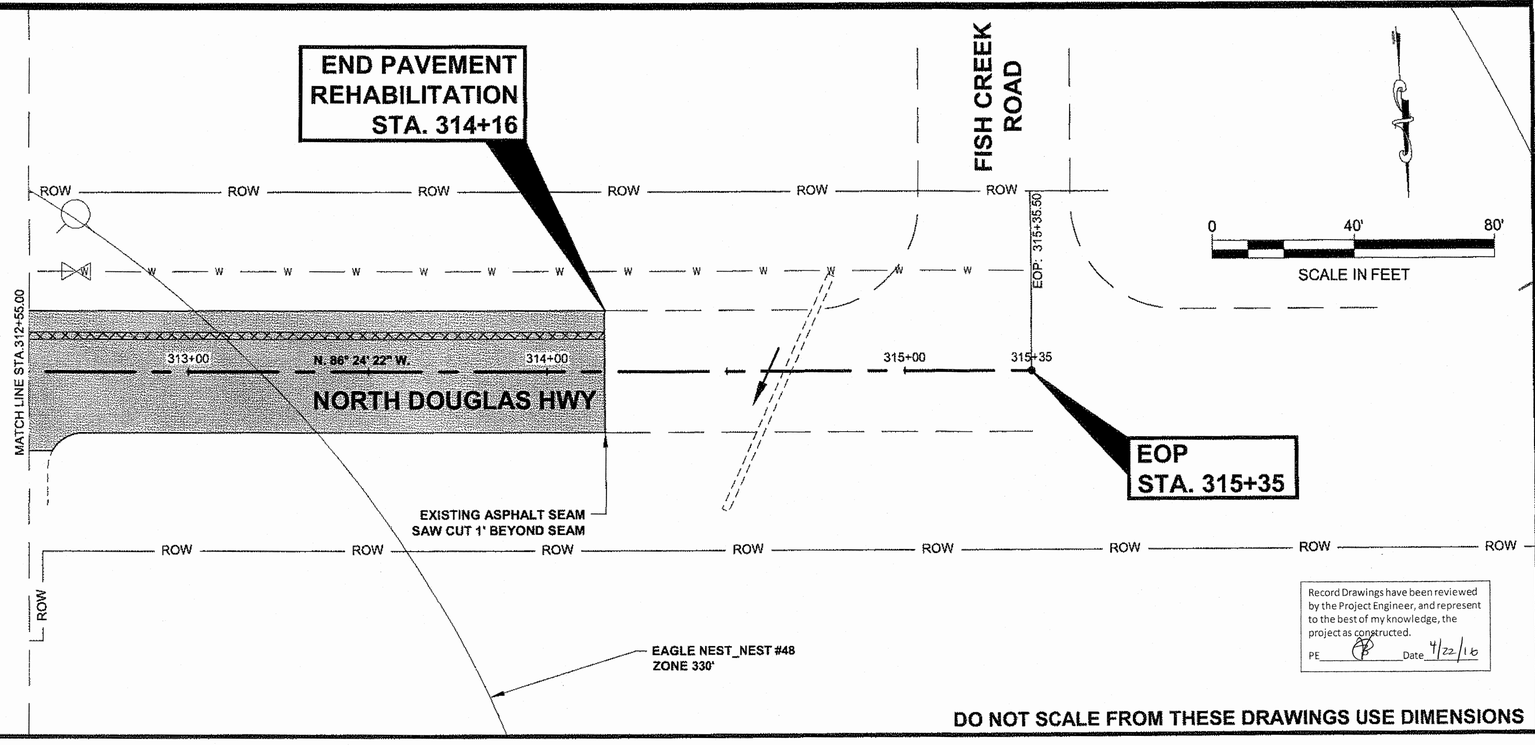


EROSION SEDIMENT CONTROL LEGEND

- CULVERT FLOW
- INLET PROTECTION
- FR FR — FIBER ROLL

PAVEMENT REPAIR LEGEND

- SPOT REPAIR PER SHT. B1
- SUBGRADE REPAIR PER SHT. B1



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

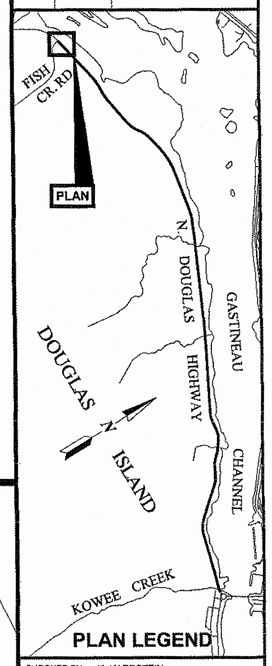
PATH: Q:\JNU\67531\PLANSET\67531_F1-F34_PLANS.DW
GRANTHAM, RICK L (DOT)
TAB: F34 Saturday, September 07, 2013 2:07:40 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/9/13

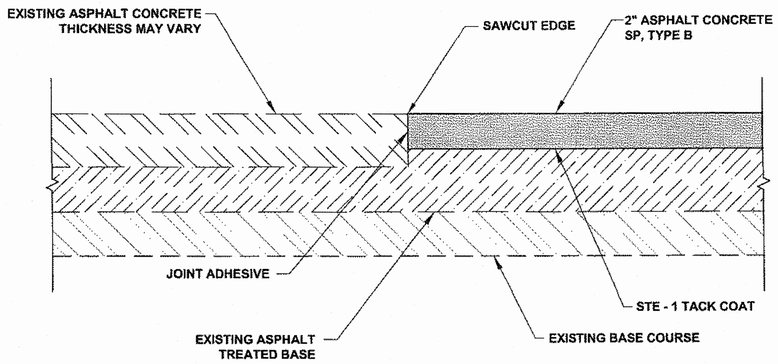
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

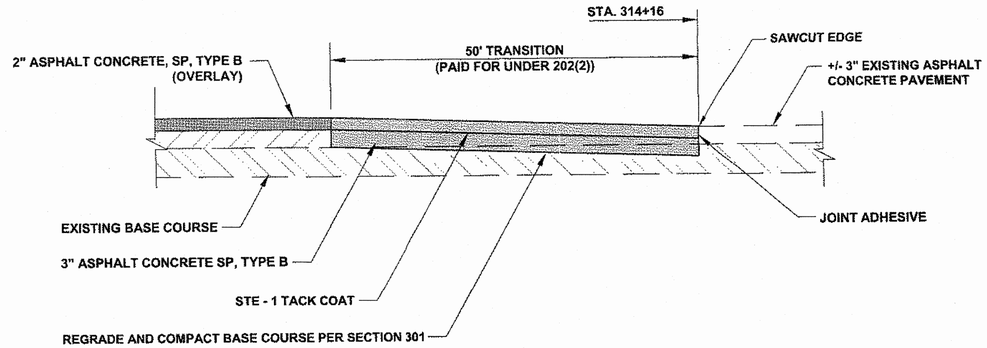
PLAN VIEW

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F34	87



MATCH JOINT DETAIL (COLD PLANE SECTION)

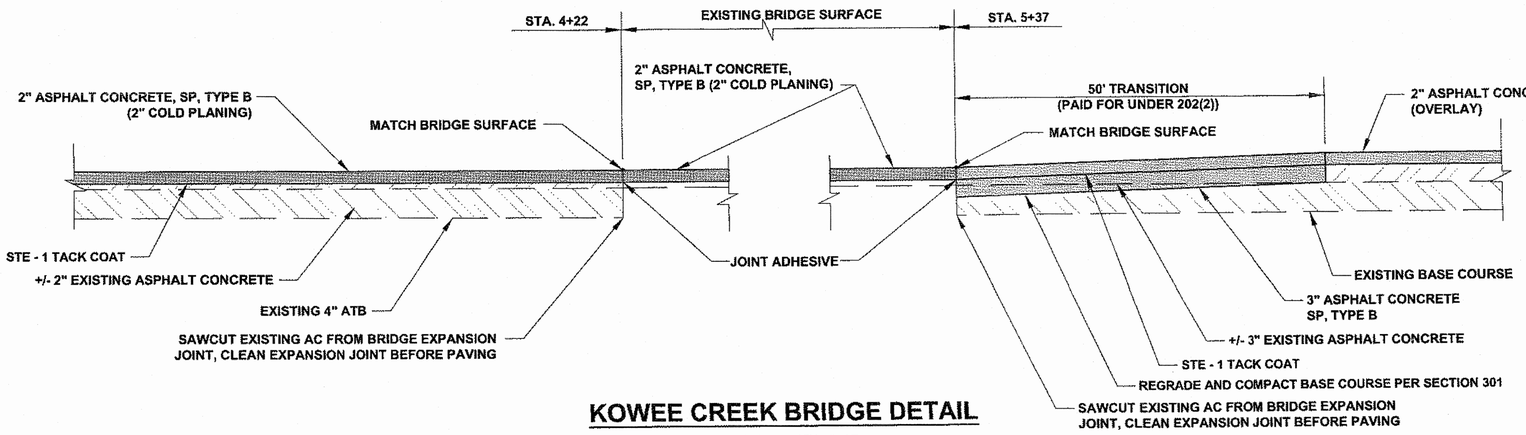
N.T.S.



PAVEMENT TRANSITION DETAIL (2" OVERLAY TO EXISTING PAVEMENT)

(EOP)

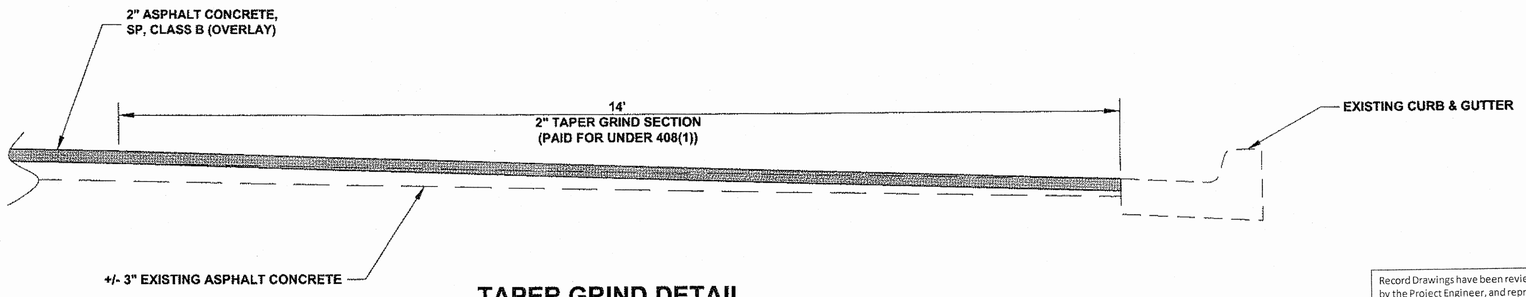
N.T.S.



KOWEE CREEK BRIDGE DETAIL

STA. 4+22 TO STA. 5+37

N.T.S.



TAPER GRIND DETAIL

STA. 81+86 TO STA. 83+14

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 _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
49th
REGISTERED PROFESSIONAL ENGINEER
9/9/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

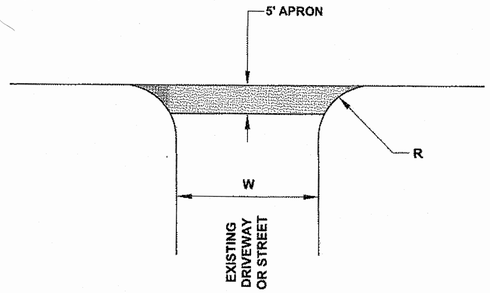
JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

MISC. DETAILS

PATH: Q:\JNU\67531\PLANSET\67531_J1-J3_MISC DETAIL SHEETS.DWG

TAB: J1 Friday, September 06, 2013 9:38:14 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	J1	87

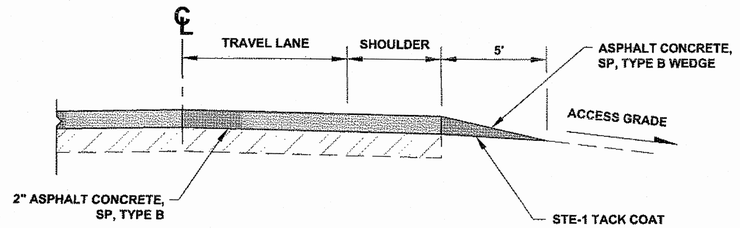


DRIVEWAY DETAIL

N.T.S.

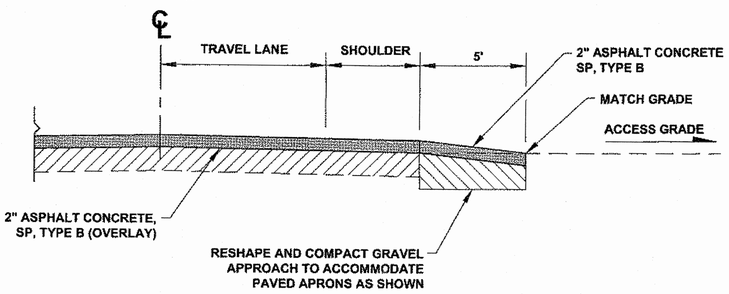
✳ CONSTRUCT AN ASPHALT WEDGE TO PROVIDE A SMOOTH TRANSITION TO PAVED DRIVEWAYS.
PROVIDE FULL 2" ASPHALT PAVEMENT THICKNESS AND MATCH TO GRAVEL DRIVEWAYS.
TAPER GRIND TO PROVIDE FULL 2" ASPHALT PAVEMENT THICKNESS AND MATCH TO INTERSECTING STREETS.

(R) MATCH EXISTING (W) MATCH EXISTING. APPROXIMATED IN SUMMARY TABLES



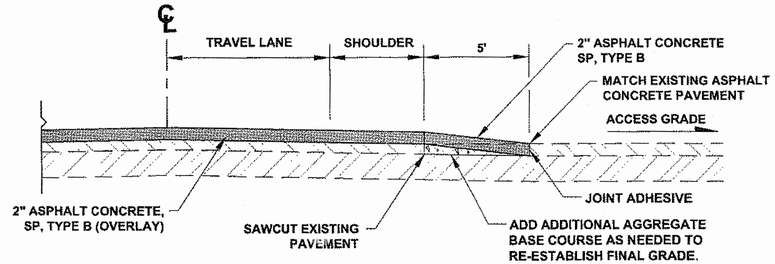
TYPICAL PAVED DRIVEWAY PROFILE

N.T.S.



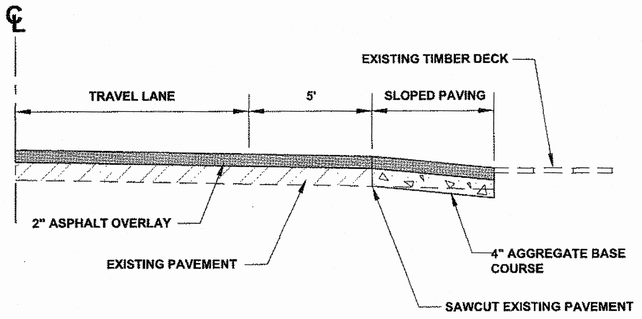
TYPICAL GRAVEL DRIVEWAY PROFILE

N.T.S.



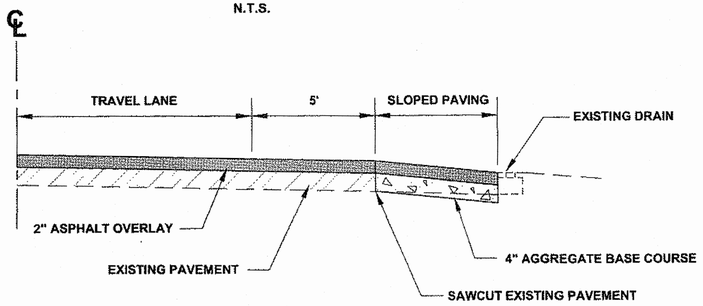
TYPICAL PAVED STREET PROFILE

N.T.S.



TIMBER DECK DRIVEWAY #3980

STA. 29+63 RT.
N.T.S.



DRIVEWAY #6250

STA. 146+32 RT.
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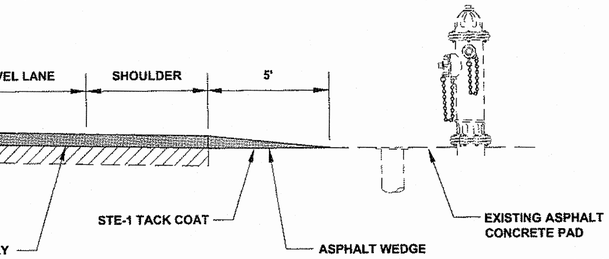
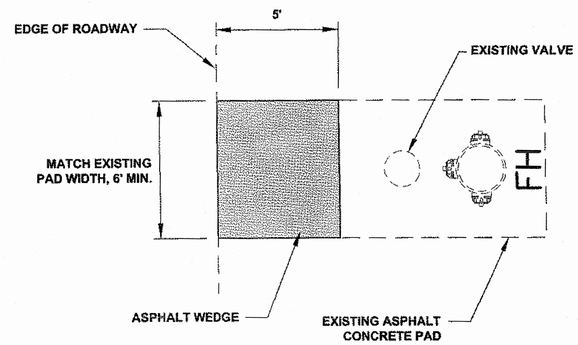


FIRE HYDRANT ACCESS PAVING

N.T.S.



FIRE HYDRANT ACCESS PAVING PLAN VIEW

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 _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

MISC. DETAILS

PATH: Q:\JNU\67531\PLANSET\67531_J1-J3_MISC DETAILS.DWG
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REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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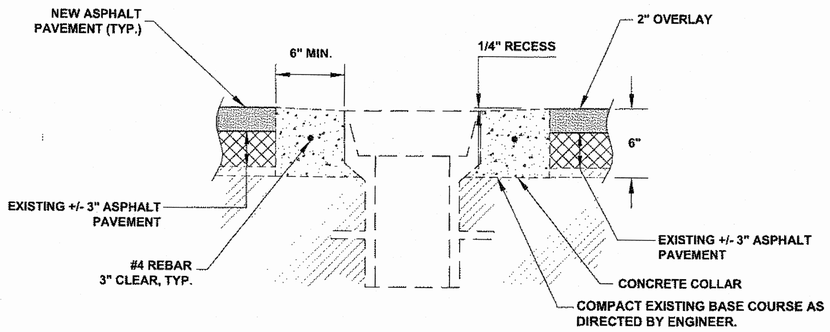

MONUMENT CASE ADJUSTMENT DETAIL

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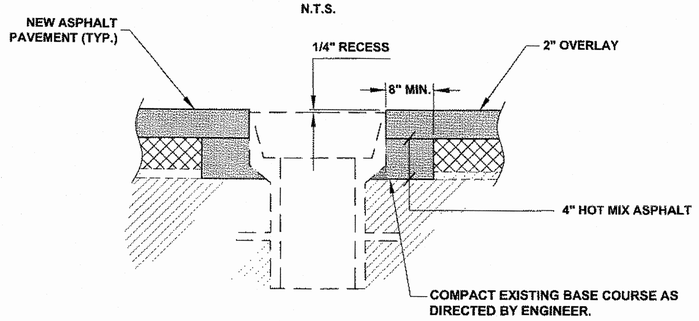

VALVE BOX ADJUSTMENT DETAIL

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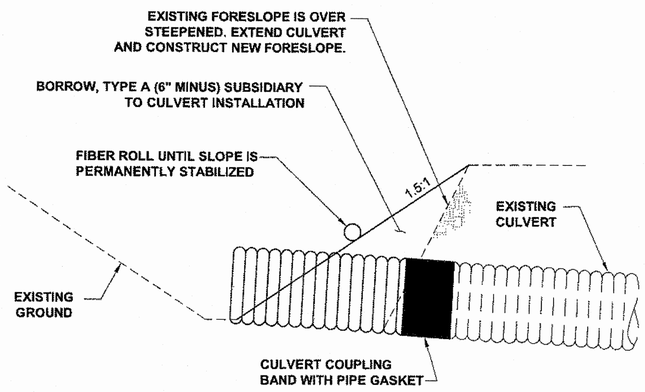
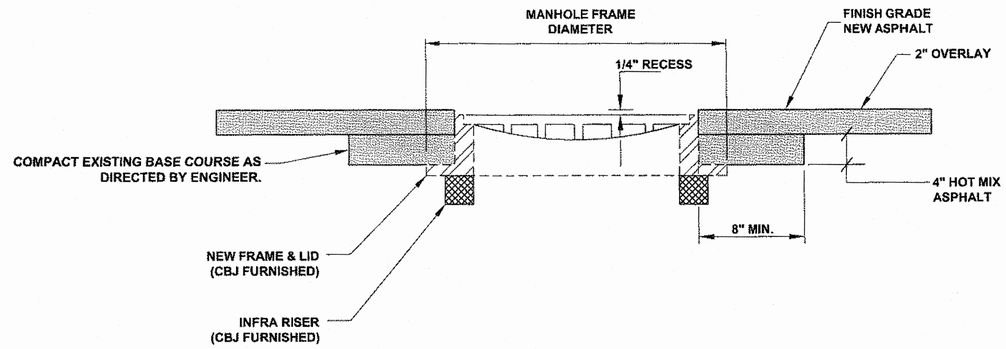


P-3 CULVERT END EXTENSION

NTS



MANHOLE DETAIL

N.T.S.

MANHOLE ADJUSTMENT NOTES

1. ADJUSTING RINGS SHALL BE REPLACED IN ACCORDANCE TO EACH MANHOLE INVESTIGATION, CONDUCTED BY THE PROJECT ENGINEER.
2. MANHOLE CASTING SHALL BE ADJUSTED TO CONFORM WITH SLOPE AND GRADE OF PROPOSED PAVEMENT.
3. ADJUSTING RINGS SHALL BE PROPERLY SIZED FOR THE EXISTING CONE OR FLAT TOP OPENING, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
4. INSTALLATION OF FRAME, COVER, AND ADJUSTMENT RINGS, ONTO THE EXISTING STRUCTURE SHALL BE WATER-TIGHT.
5. ADJUSTMENT RINGS SHALL BE INFRA RISER RINGS OR APPROVED EQUAL.

MANHOLE ADJUSTMENT CONSTRUCTION SEQUENCING NOTES

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. COORDINATE SALVAGE AND DELIVERY WITH CBJ SEWER DEPARTMENT.
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. CBJ TO FURNISH NEW RISERS, FRAME AND LID.
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.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/12/16

CHECKED BY: K. KARPSTEIN
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
3/7/13

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

MISC. DETAILS

PATH: Q:\JNU\67531\PLANSET\67531_J1-J3_MISC DETAILS.DWG
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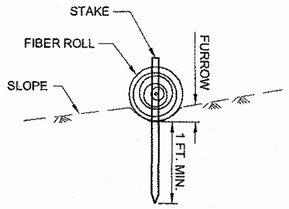
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020) ~ 67531	2013	J3	87



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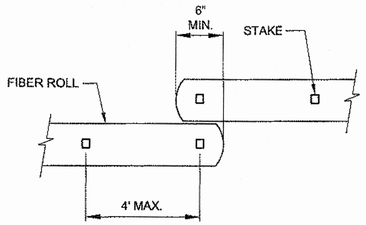

PLAN

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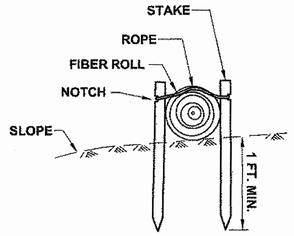

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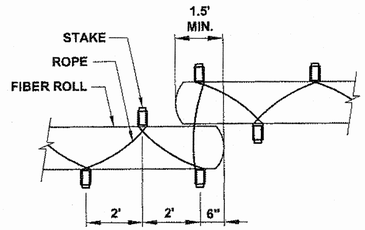
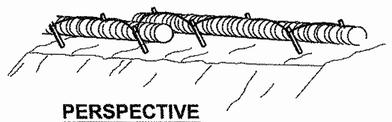


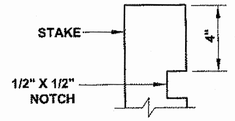
PLAN

FIBER ROLL (TYPE 2)

N.T.S.



PERSPECTIVE



STAKE TYPE 2

FIBER ROLL (TYPE 2)

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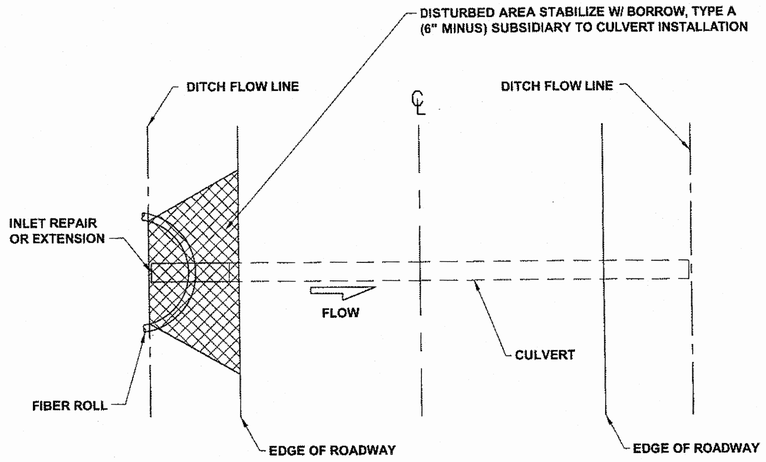


FIBER ROLL PLACEMENT AT CULVERT REPAIRS

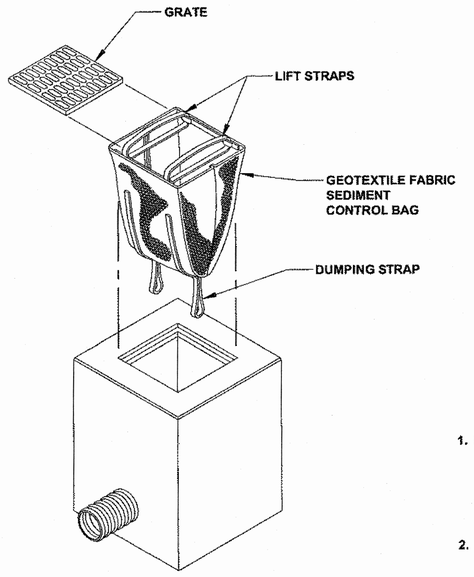
N.T.S.

NOTES:

1. THE LOCATION AND LENGTH OF FIBER ROLLS IS DEPENDENT ON THE CONDITION OF THE SITE.
2. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.
3. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.

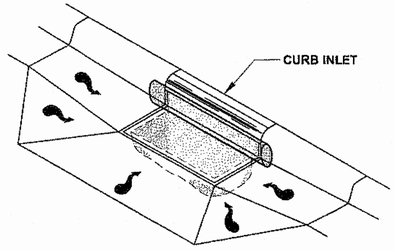
EROSION & SEDIMENT CONTROL NOTES:

1. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR THE ENVIRONMENTAL COMMITMENTS.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS SHOWN ON F-SHEETS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A WATER QUALITY CONTROL PLAN (WQCP) ACCORDING TO SECTION 641 OF THE SPECS.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES AND COLD PLANING OR AS SPECIFIED ELSEWHERE.
4. IF INSPECTION REVEALS SEDIMENT IS DISCHARGED BEYOND THE PROJECT WORK LIMITS. IMMEDIATELY IMPLEMENT CORRECTIVE ACTION. ADDITIONAL BMP'S MAY BE REQUIRED.



INLET PROTECTION DETAIL

N.T.S.



INLET PROTECTION DETAIL

N.T.S.

INLET PROTECTION INSTALLATION AND MAINTENANCE

1. INSTALLATION: REMOVE THE GRATE FROM CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE SEDIMENT BAG SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.
2. MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE SEDIMENT BAG. IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.
3. INSTALL INLET PROTECTION AT LOCATIONS PRIOR TO EARTH DISTURBING ACTIVITIES AND COLD PLANING.

INLET PROTECTION

STATION	OFFSET	REMARKS
2+51	LT	
3+32	LT	
4+16	LT	
82+57	RT	

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE ____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD.
PROJECT #67531

EROSION AND SEDIMENT CONTROL DETAILS

PATH: Q:\JNU\67531\PLANSET\67531_P1_ESCP DETAILS.DWG
TAB: P1 Monday, September 09, 2013 11:19:38 AM GRANTHAM, RICK L (DOT)

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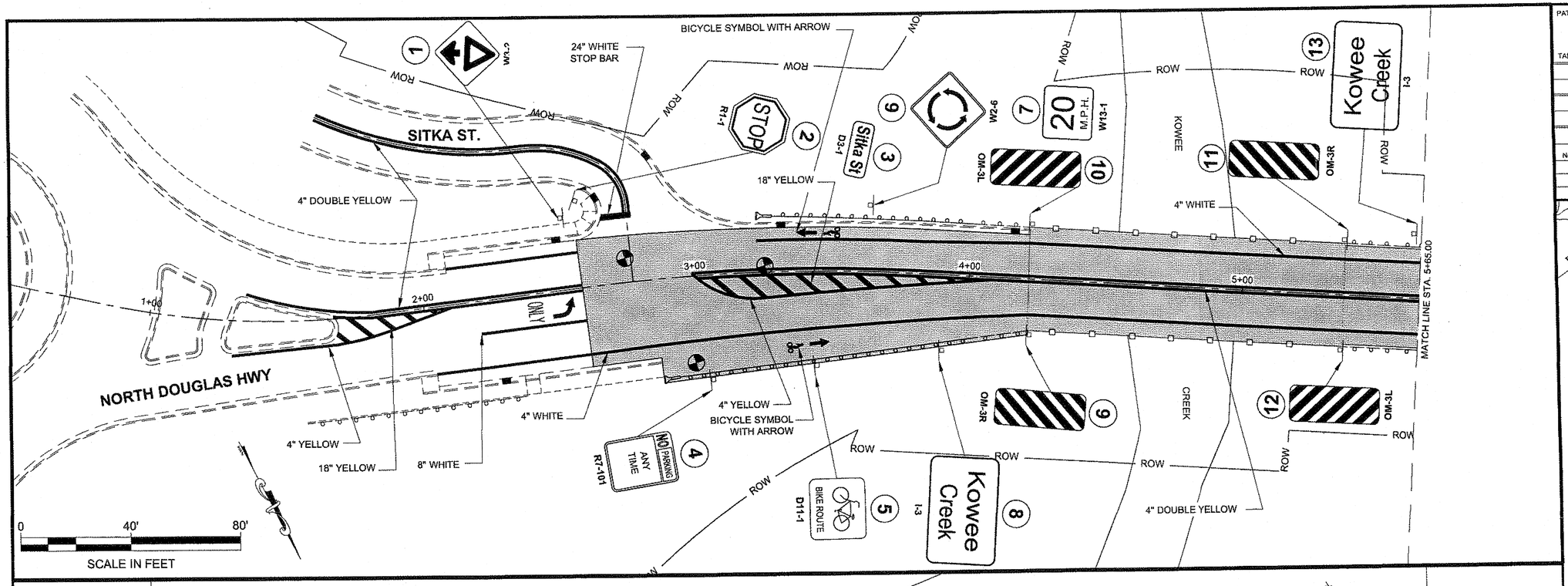

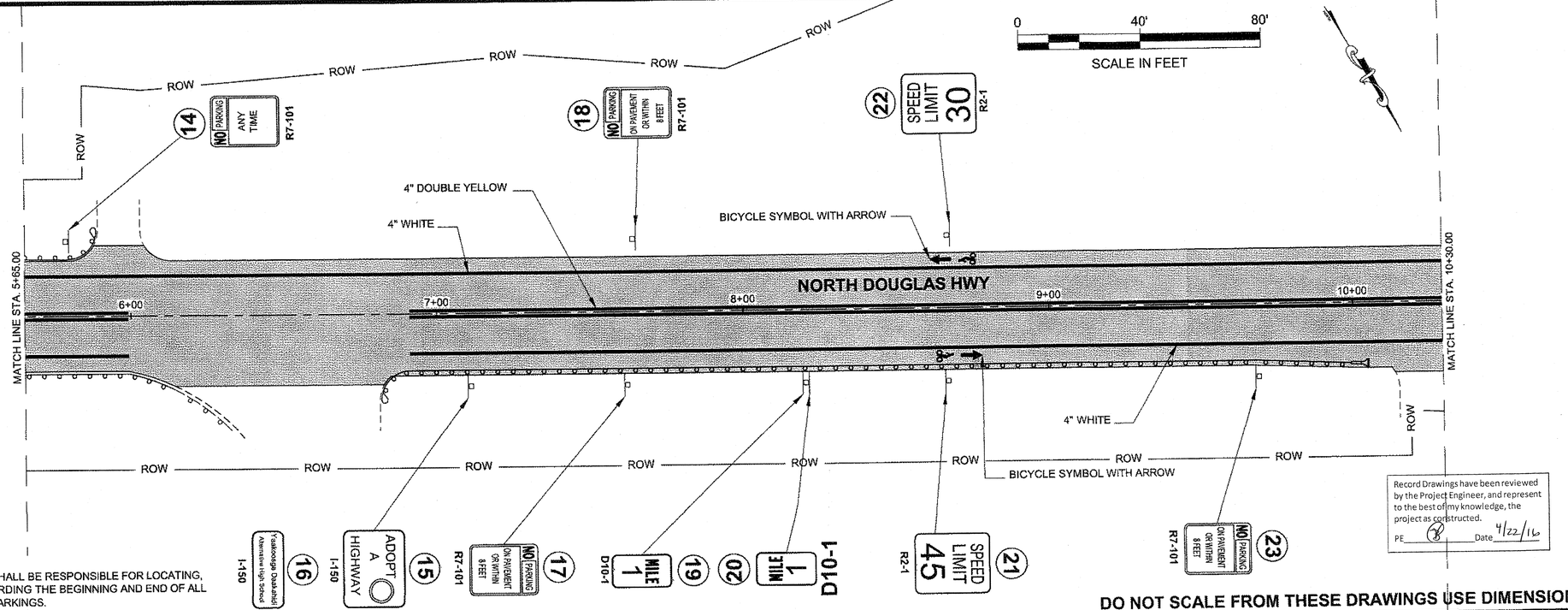

NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, STAKING, AND RECORDING THE BEGINNING AND END OF ALL EXISTING TRAFFIC MARKINGS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
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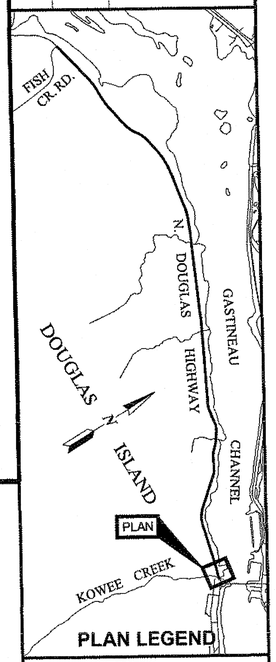
ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID S. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9-9-15

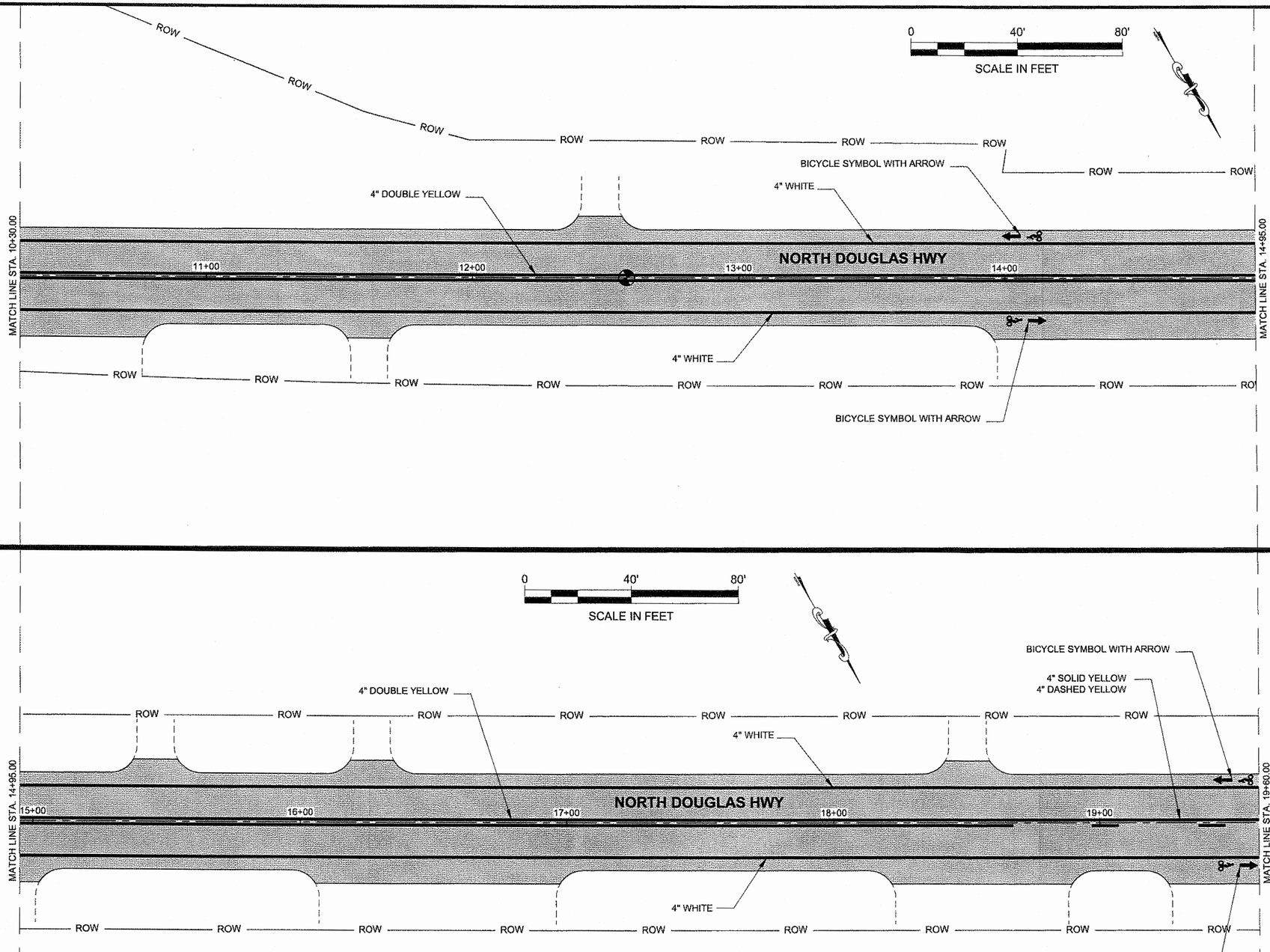
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R1	87



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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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GRANTHAM, RICK L (DOT)
TAB: R2 Friday, September 06, 2013 2:45:27 PM

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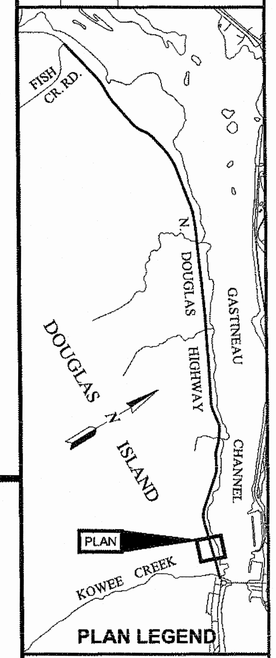


PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DANIEL EPSTEIN
CE-6666
REGISTERED PROFESSIONAL ENGINEER
4-13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

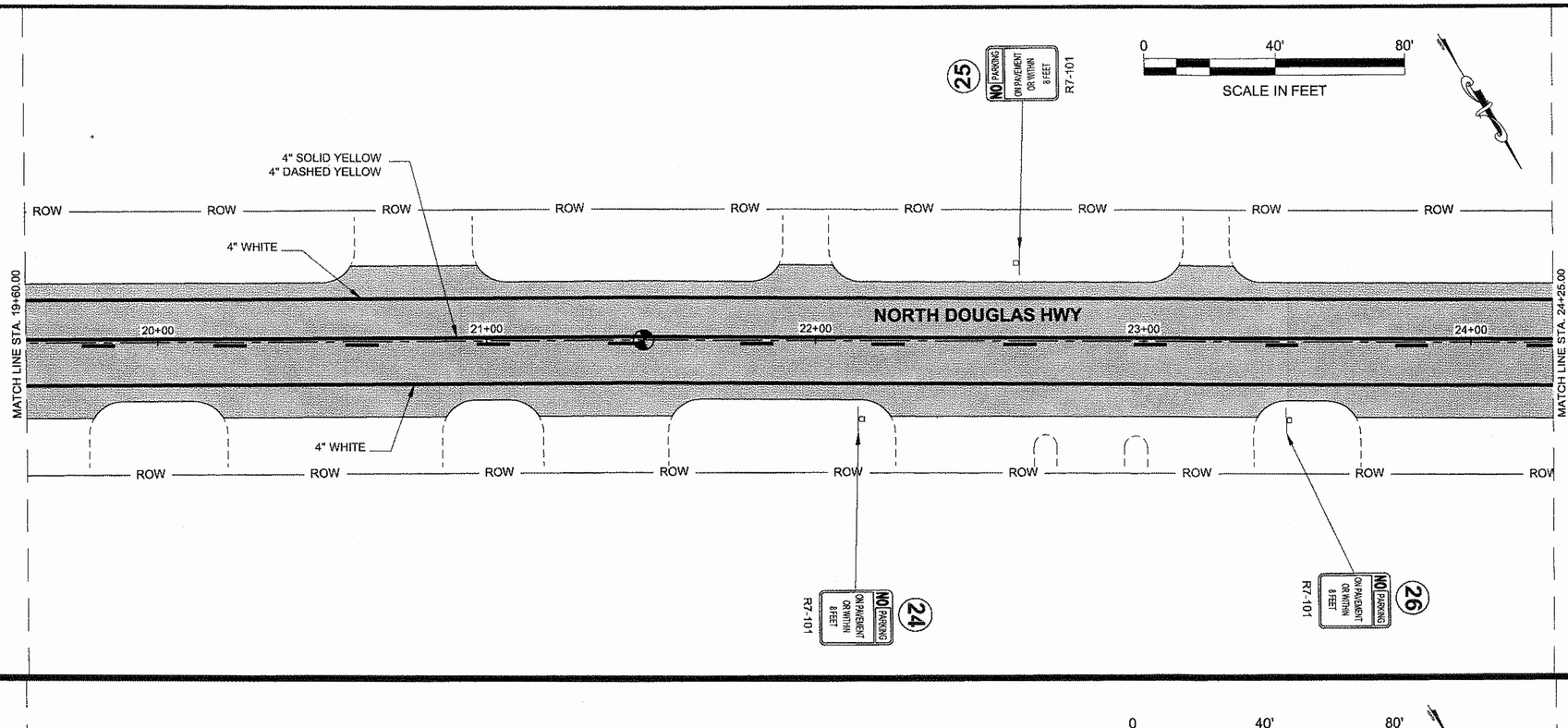
JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
R2	87



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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

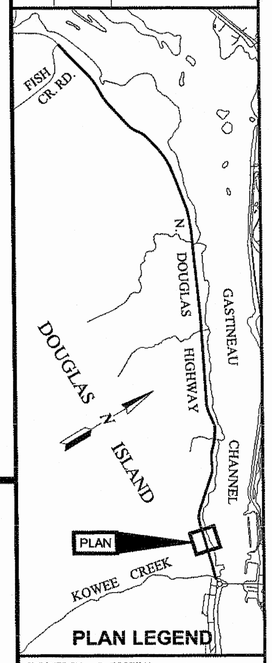
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R3 Friday, September 06, 2013 2:45:59 PM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6868
REGISTERED PROFESSIONAL ENGINEER
9-9-13

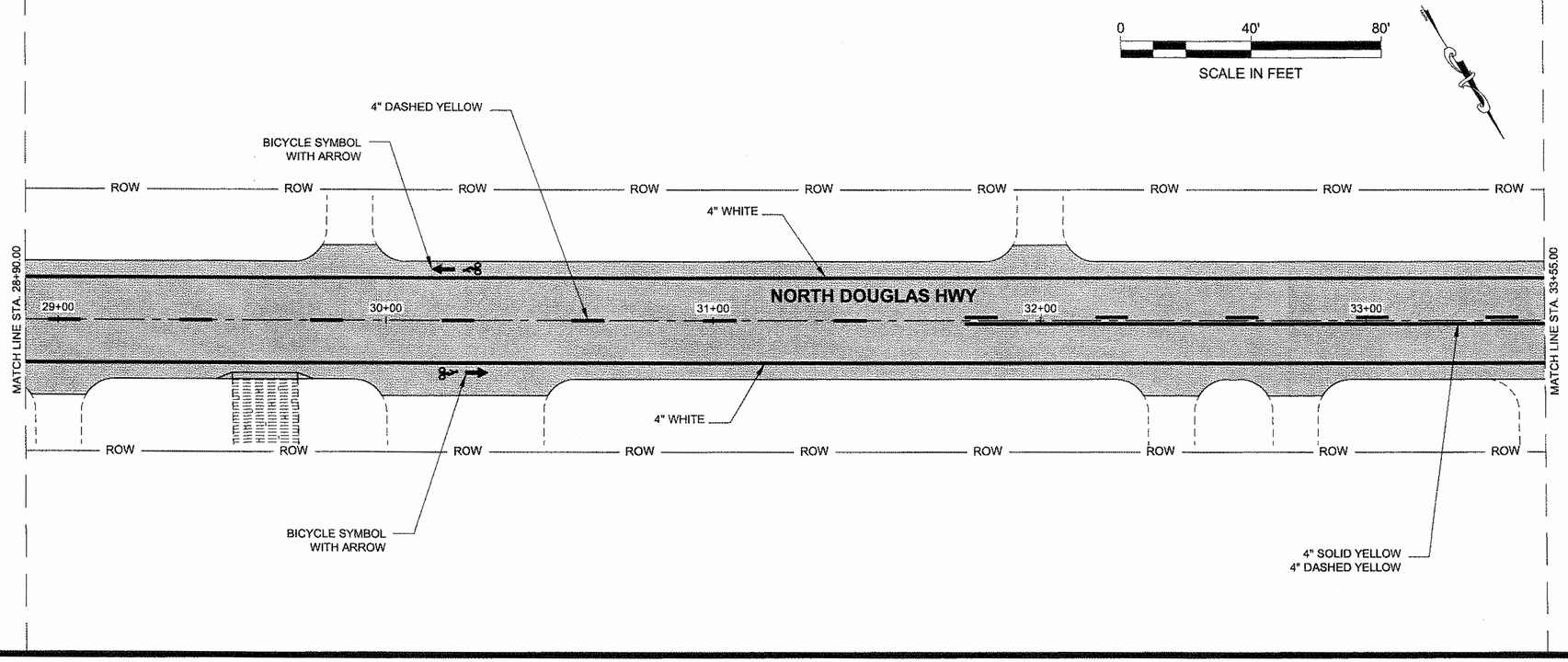
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

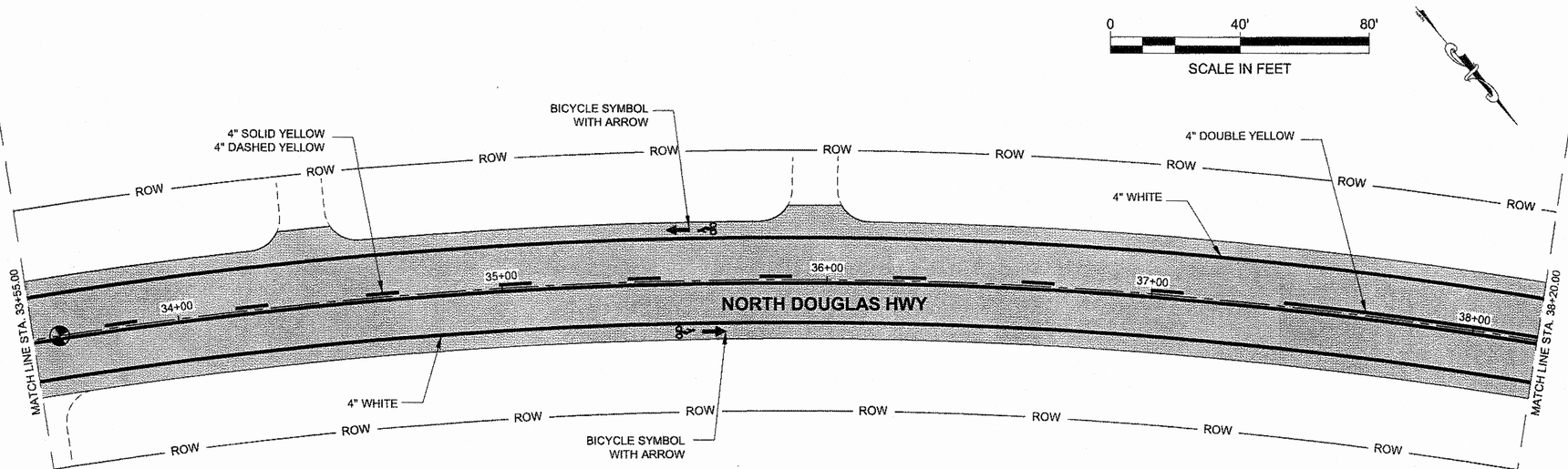
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	**2013**
SHEET NUMBER	TOTAL SHEETS
R3	**87**





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

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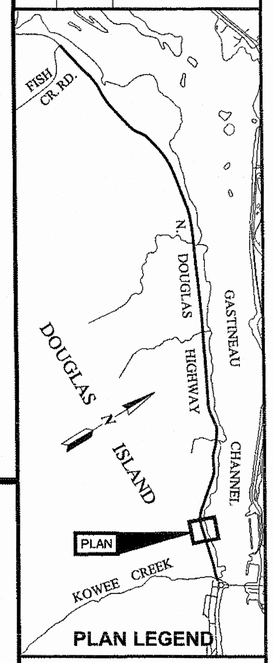


PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6996
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER

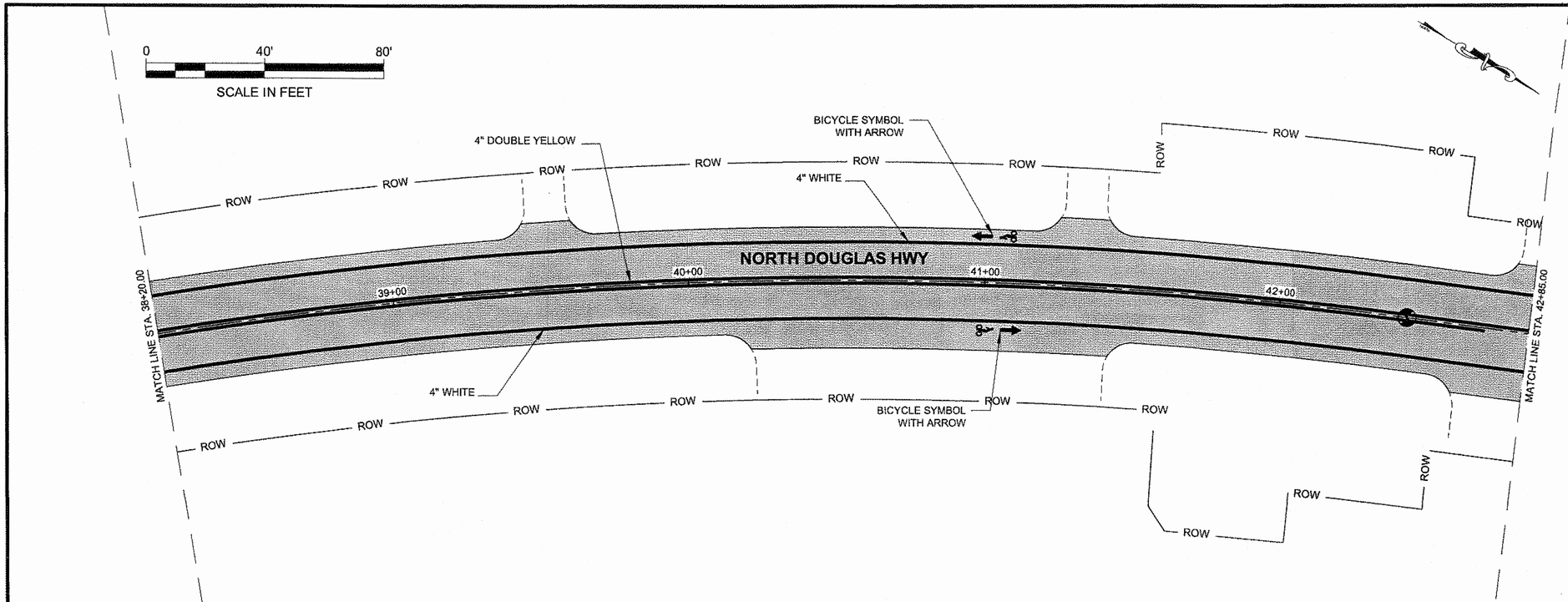
DRAWN BY: D. MULLINER

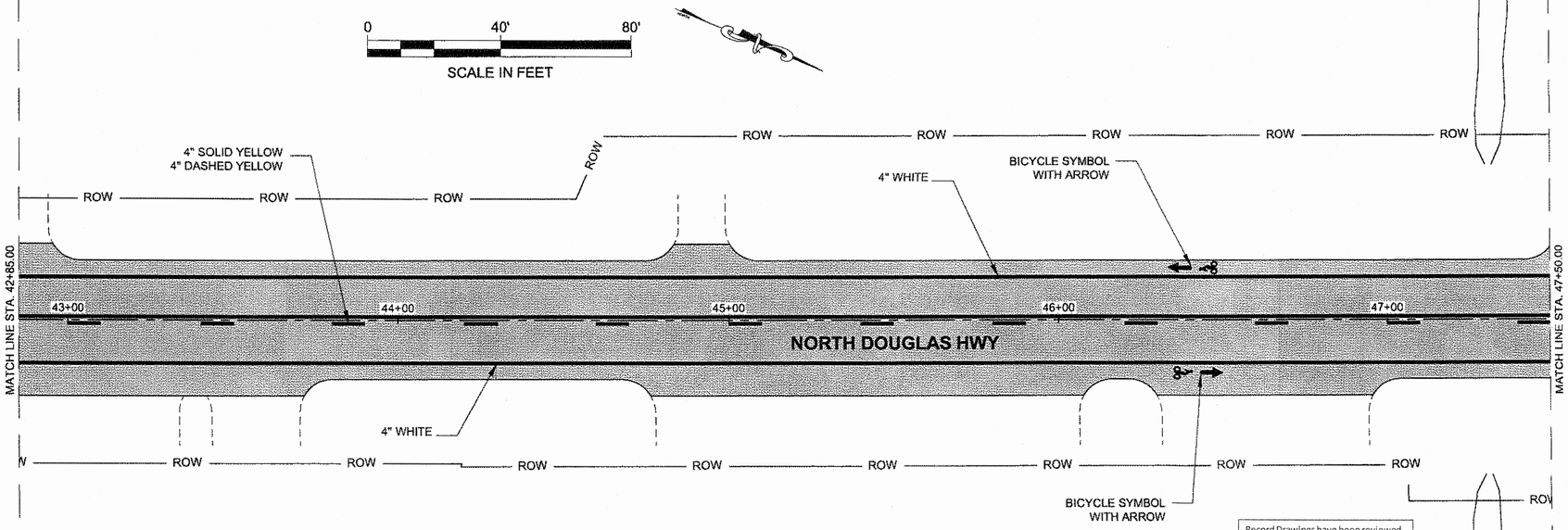
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R4	87





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PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

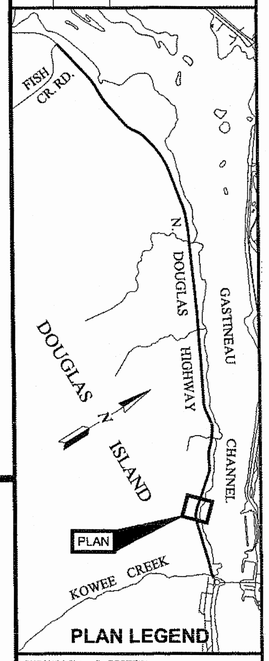
GRANTHAM, RICK I. (DOT)
TAB: R5 Friday, September 06, 2013 2:47:01 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID J. EPSTEIN
CE-8866
REGISTERED PROFESSIONAL ENGINEER
9-9-13

DESIGNED BY: D. MULLINER

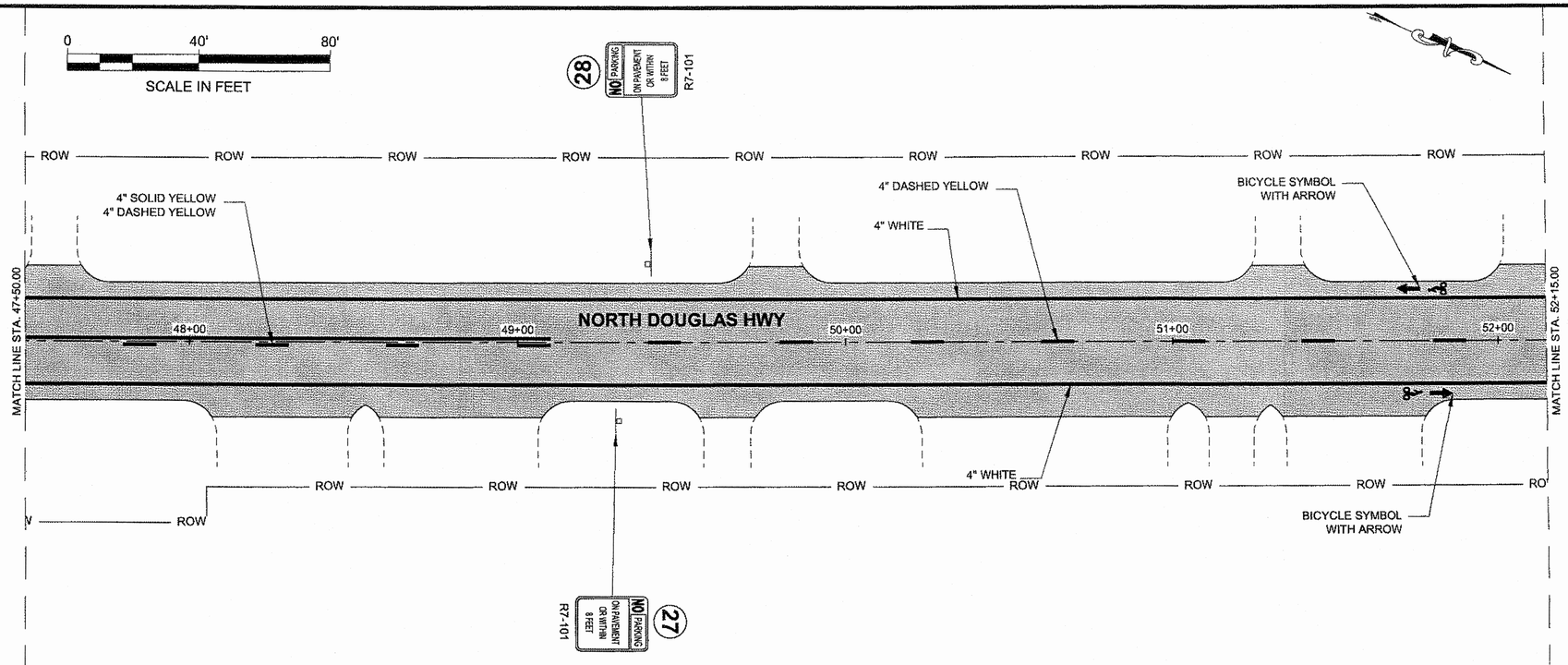
DRAWN BY: D. MULLINER

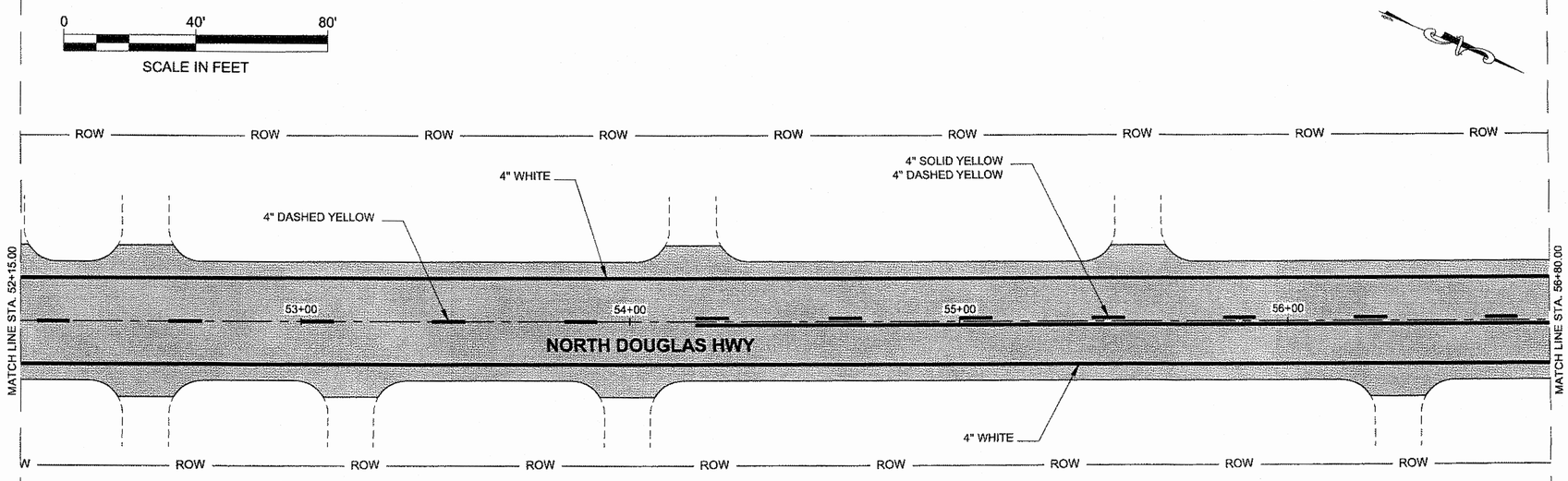
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R5	87





NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, STAKING, AND RECORDING THE BEGINNING AND END OF ALL EXISTING TRAFFIC MARKINGS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

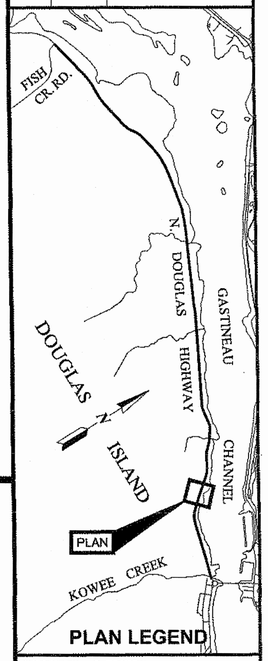
GRANTHAM, RICK L (DOT)
TAB: R6 Friday, September 06, 2013 3:00:03 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-0506
REGISTERED PROFESSIONAL ENGINEER
9-9-13

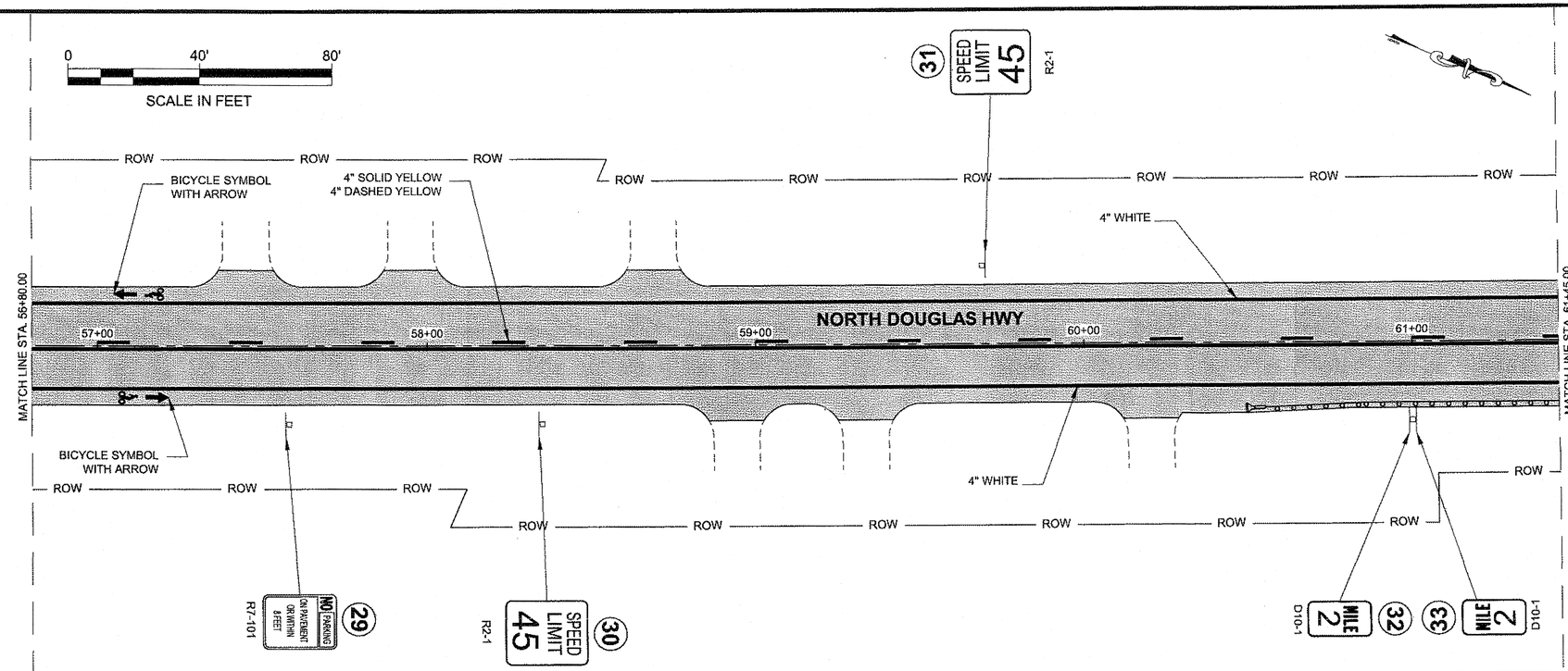
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

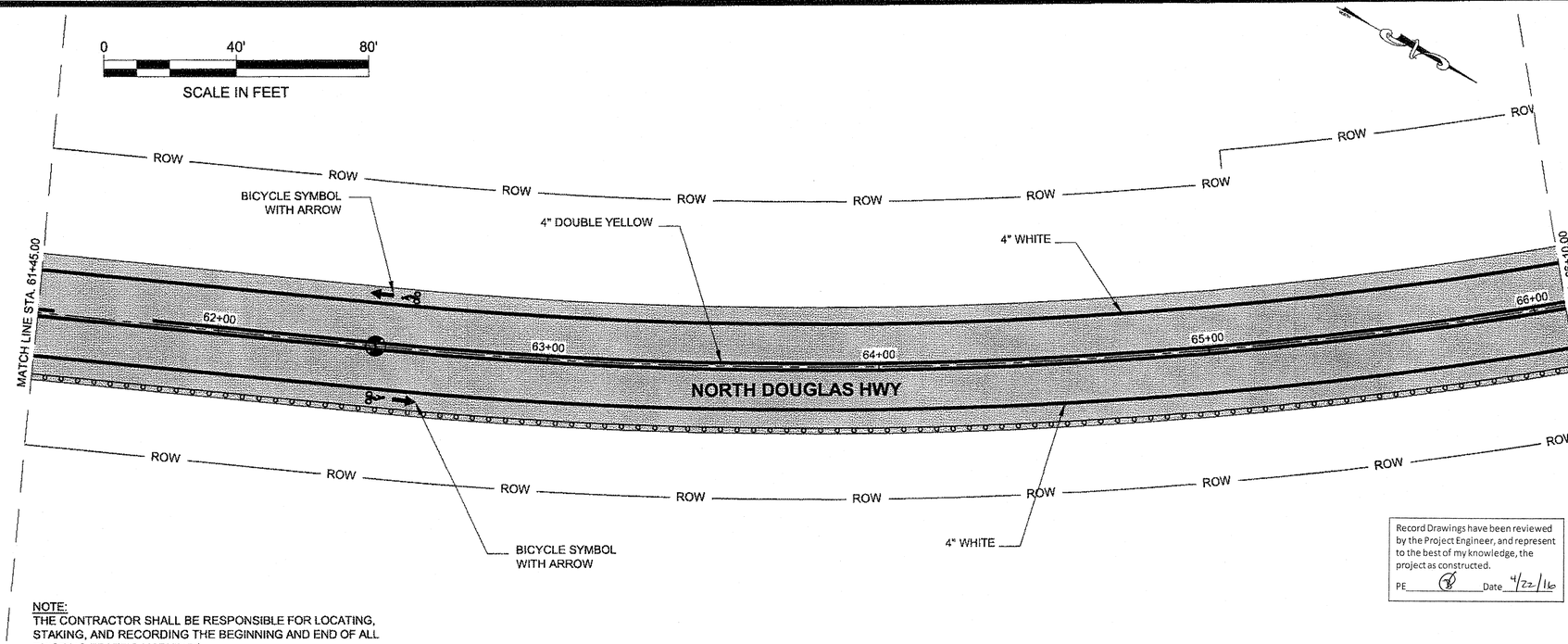
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R6	87





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

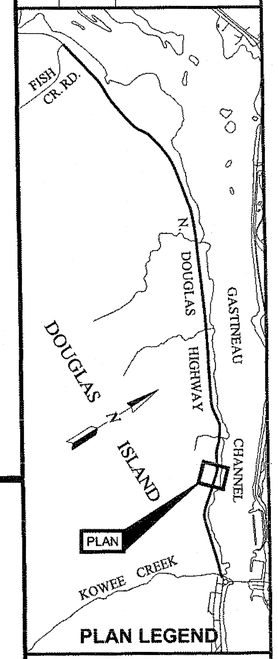
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R7 Saturday, September 07, 2013 8:07:47 A

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
29th
DAVID R. EPSTEIN
CE-6886
REGISTERED PROFESSIONAL ENGINEER
9-9-13

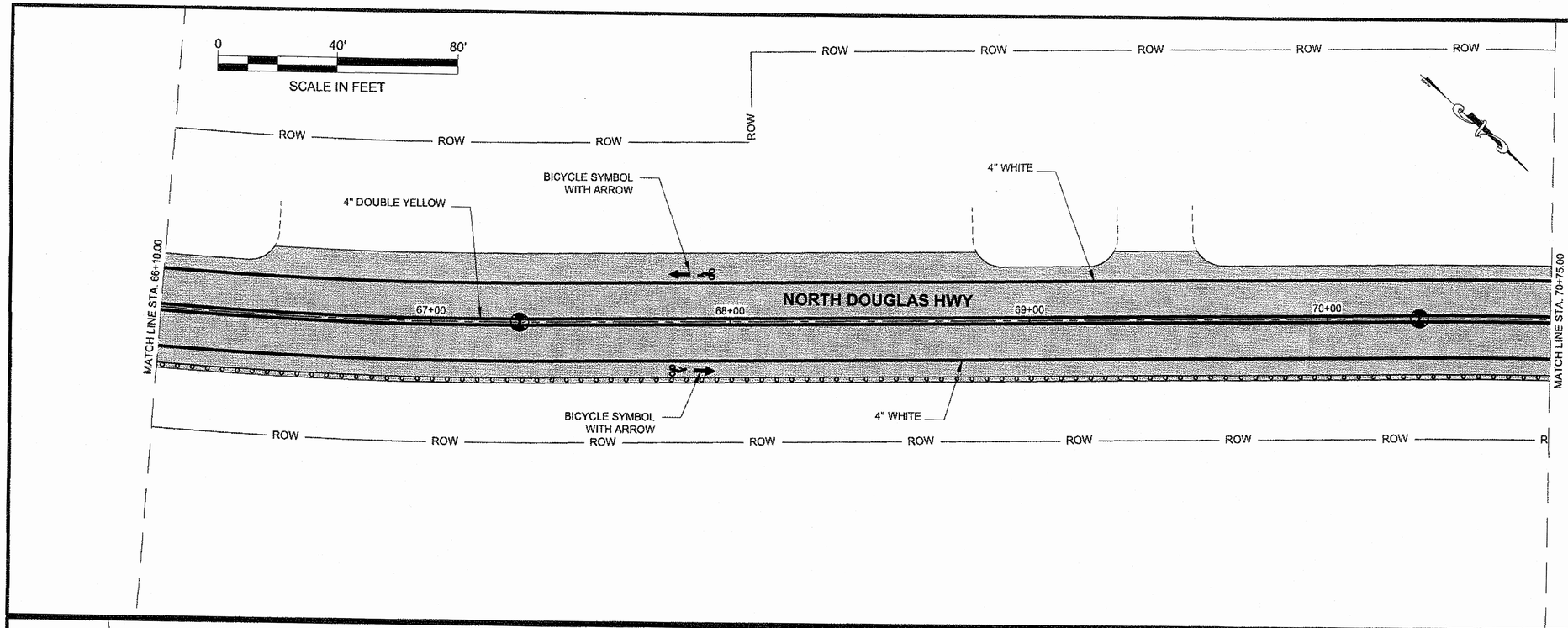
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R7	87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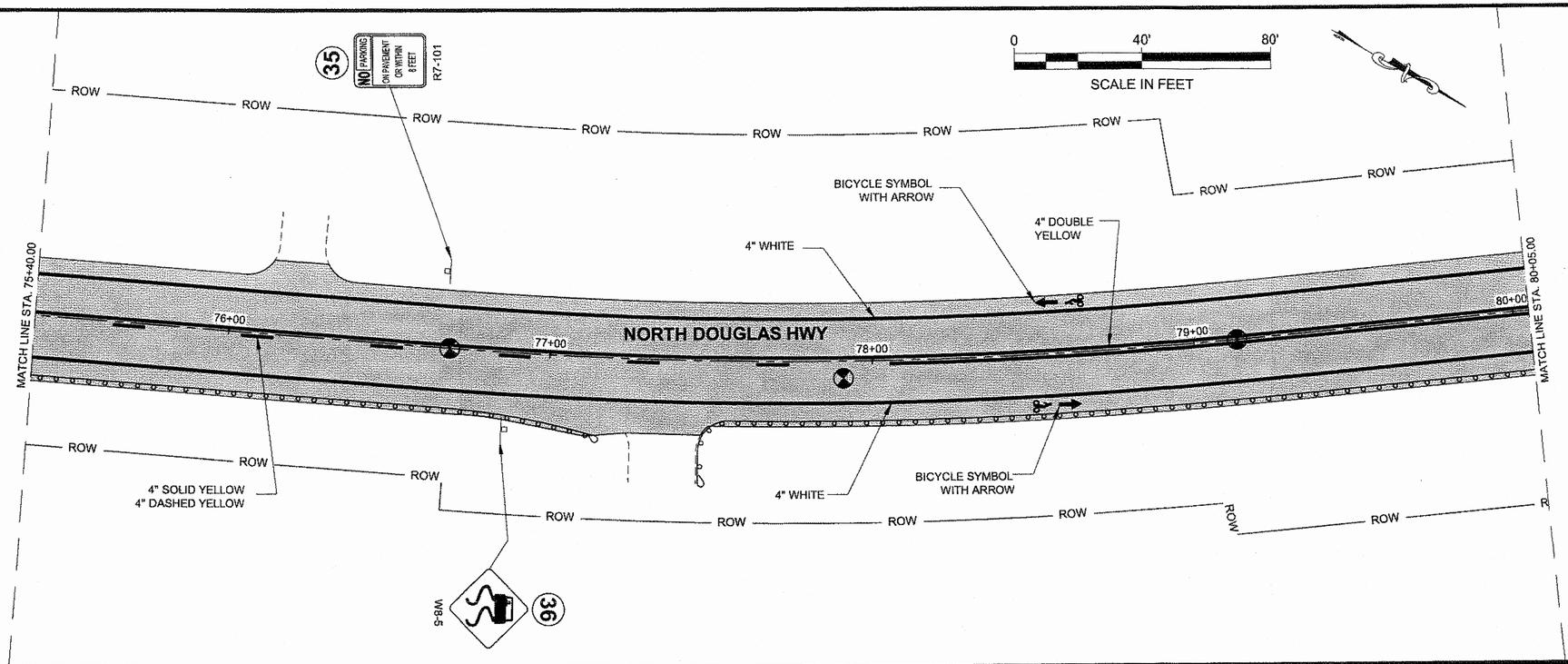
40'
80'
SCALE IN FEET
ROW
ROW
ROW



NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

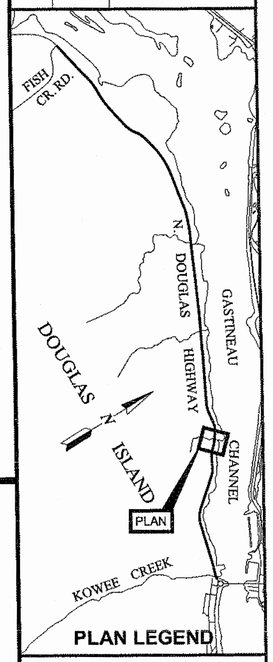
GRANTHAM, RICK L (DOT)
TAB: R9 Sunday, September 08, 2013 10:39:32 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID E. EPSTEIN
CE-6666
REGISTERED PROFESSIONAL ENGINEER
9.9.13

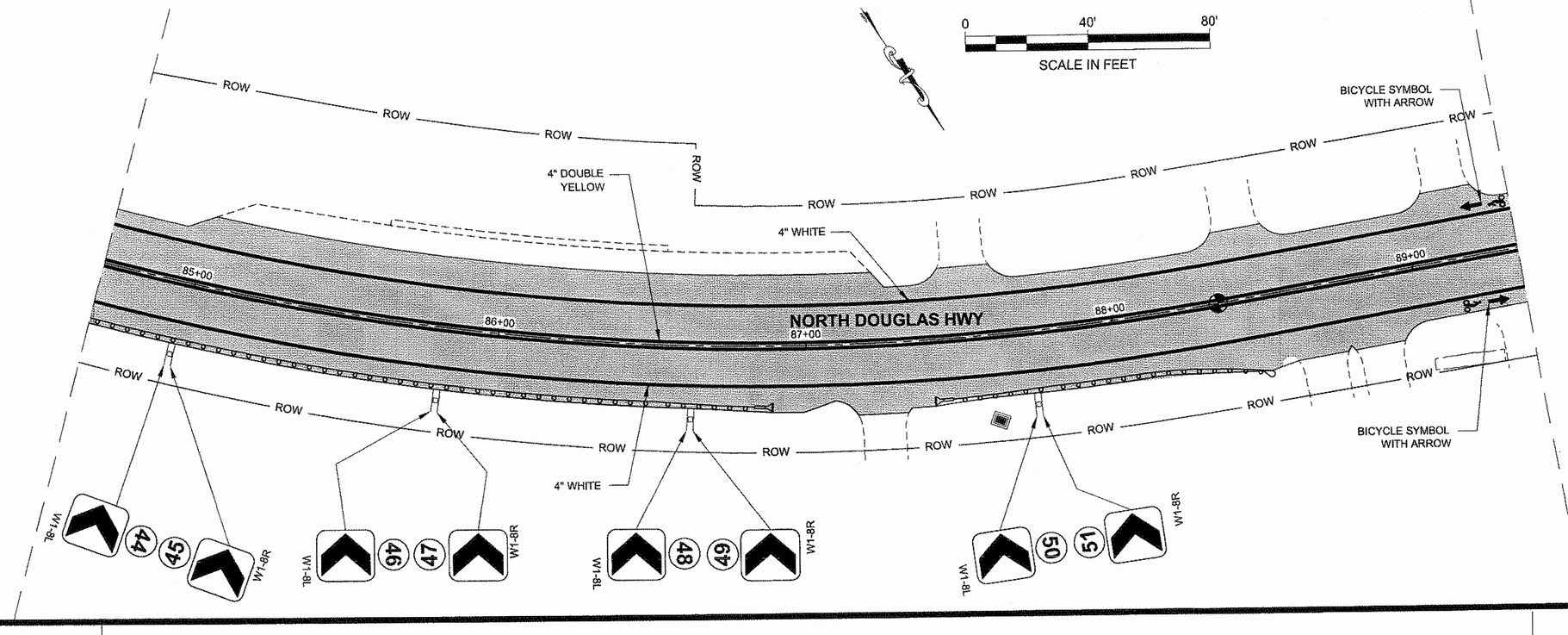
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

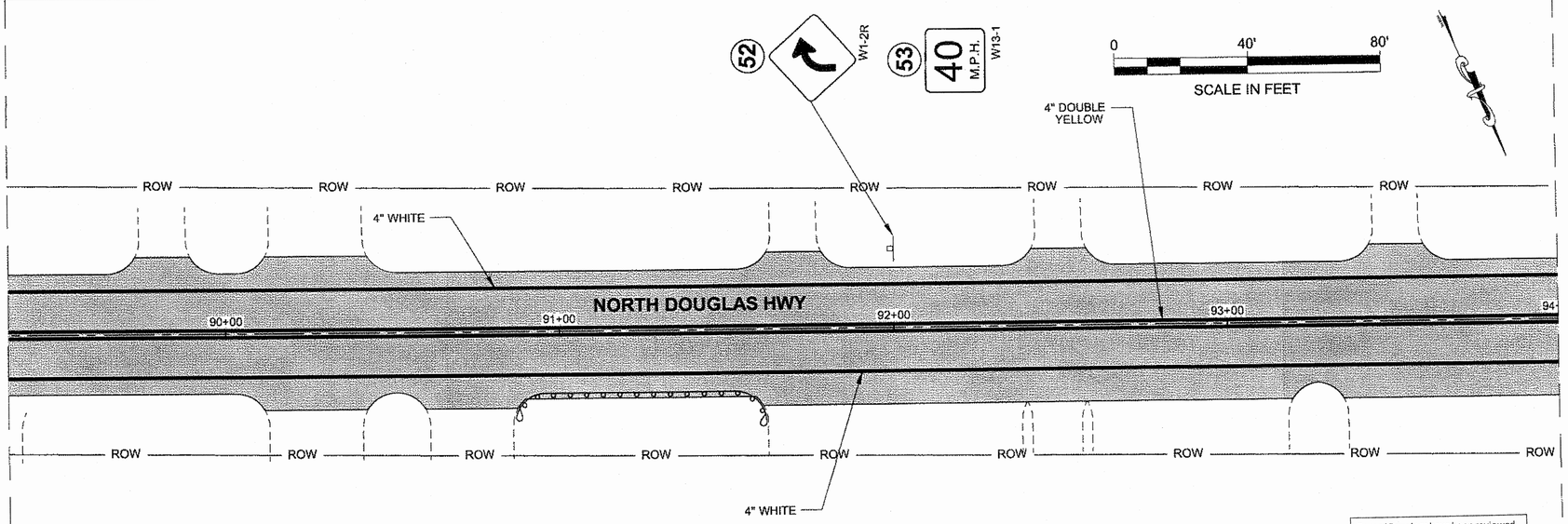
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R9	87





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

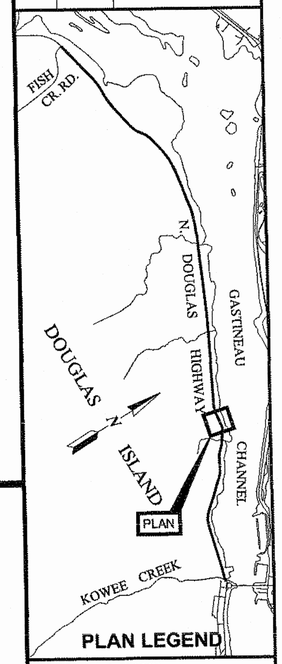
GRANTHAM, RICK L (DOT)
TAB: R10 Saturday, September 07, 2013 9:11:15 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
4910
DAVID S. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

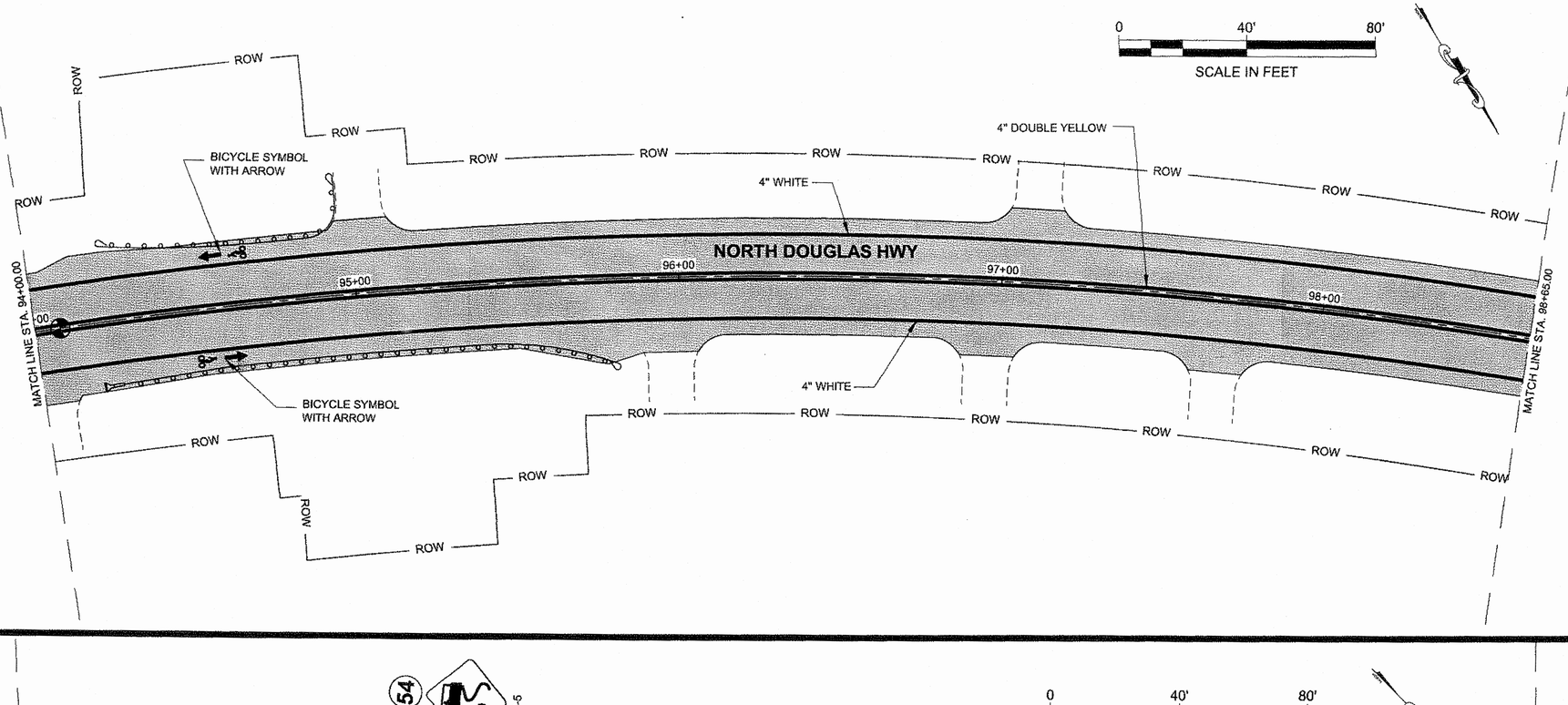
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

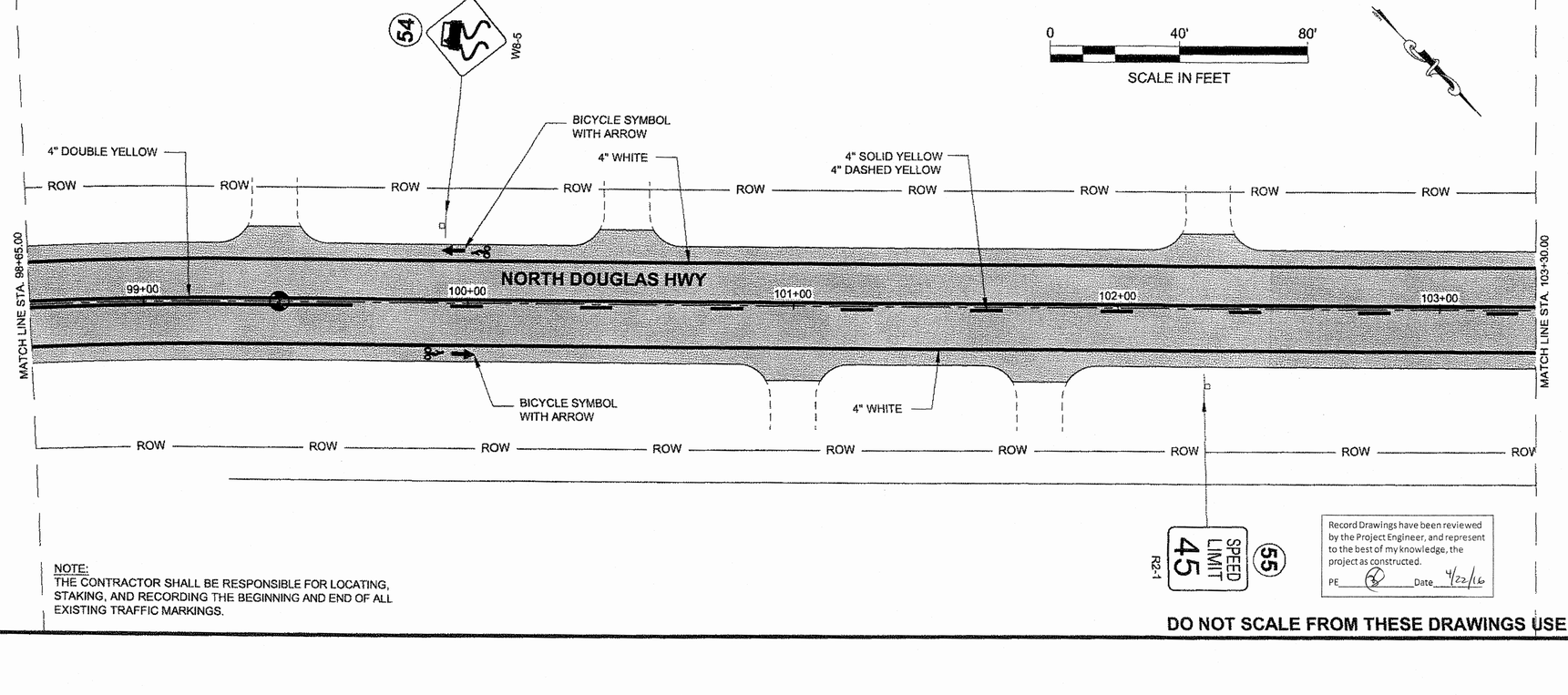
JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R10	87





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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

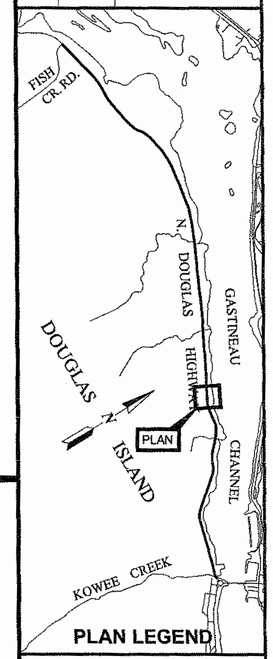
& STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R11 Saturday, September 07, 2013 9:45:13 A

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID E. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

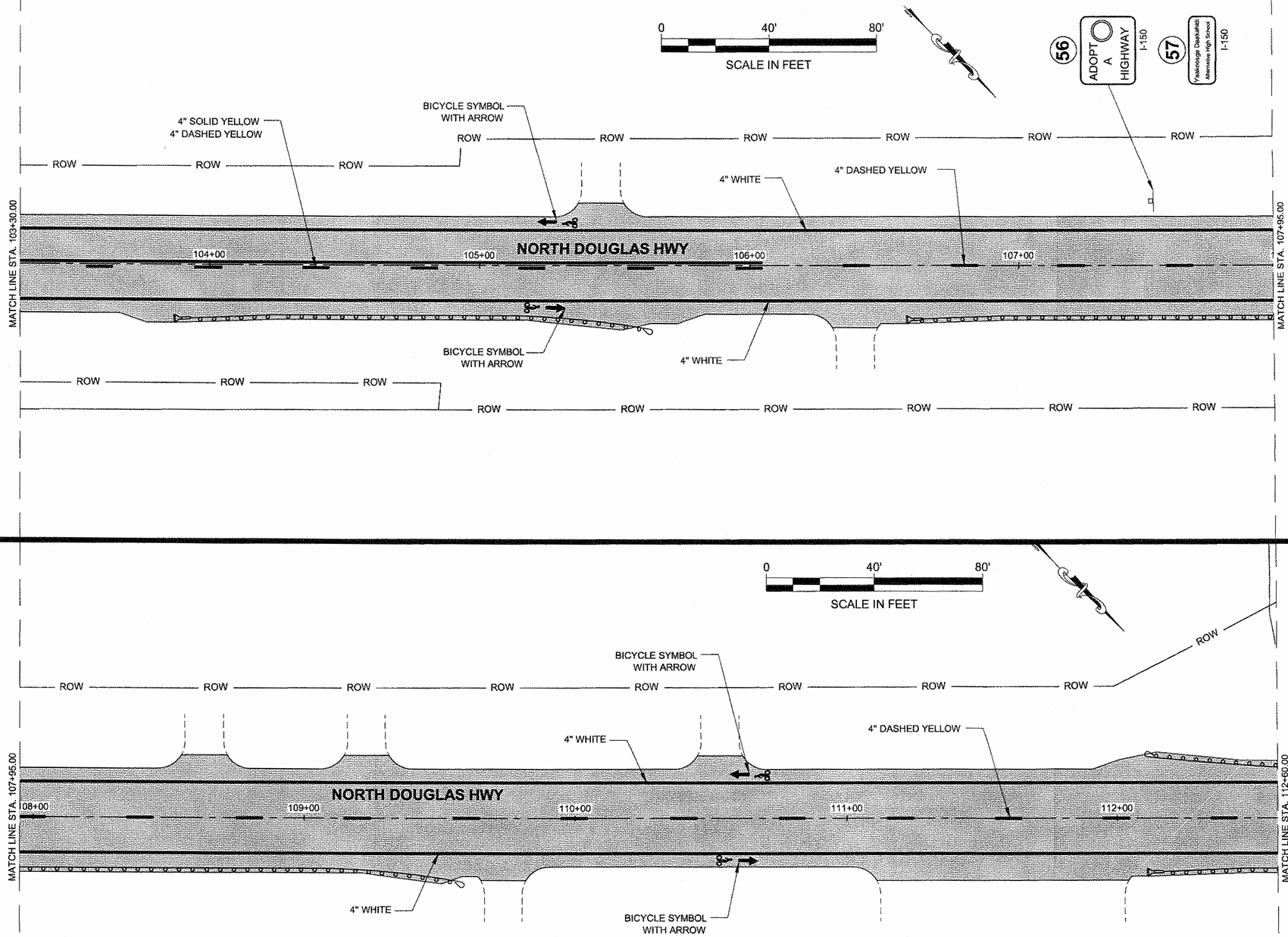
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R11	87



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PE _____ Date 4/22/16

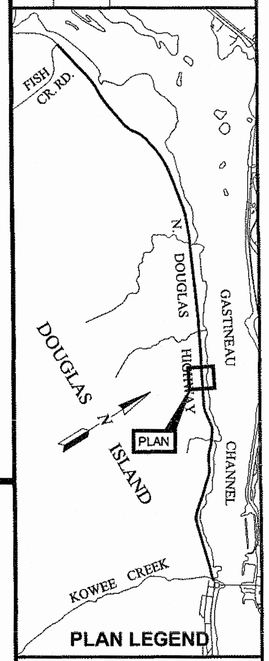
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG
GRANTHAM, RICK L (DOT)
TAB: R12 Saturday, September 07, 2013 10:15:42 A

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
29th
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

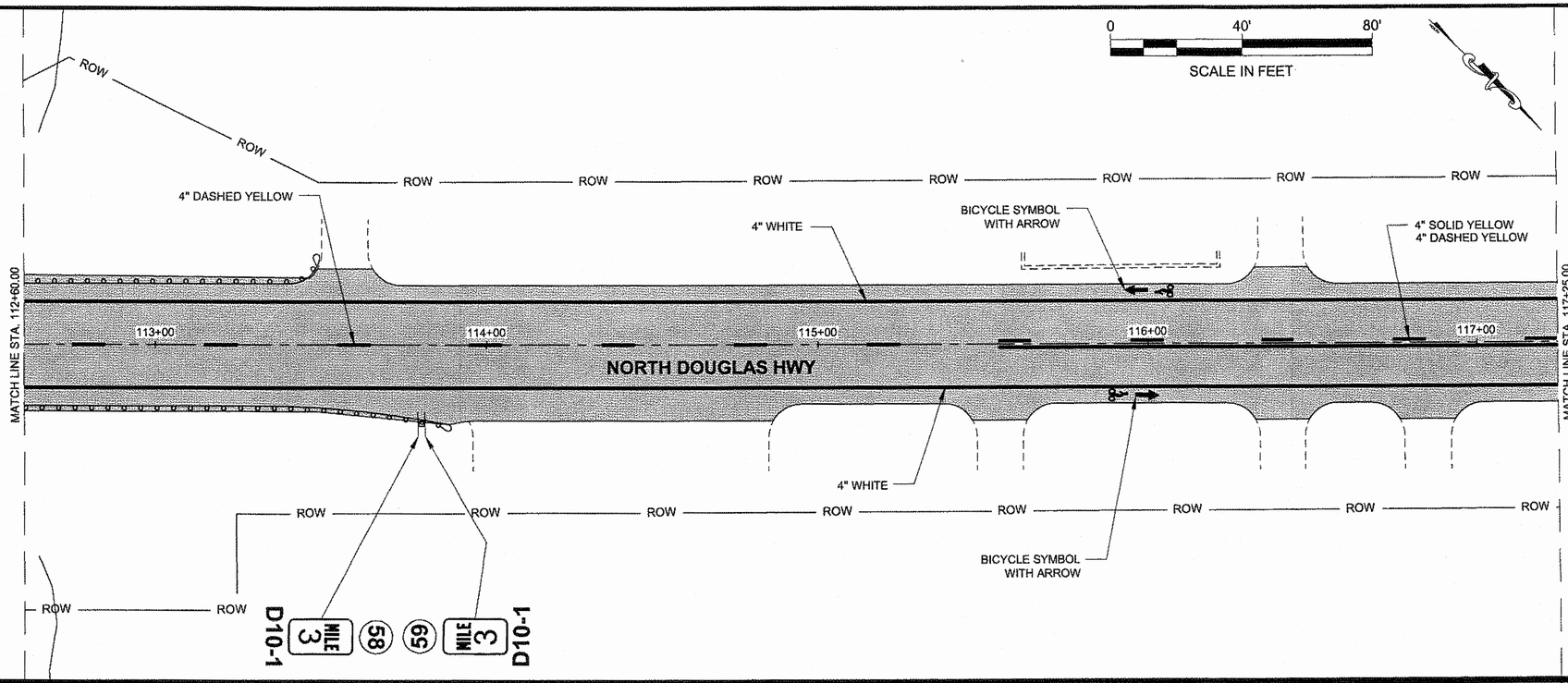
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

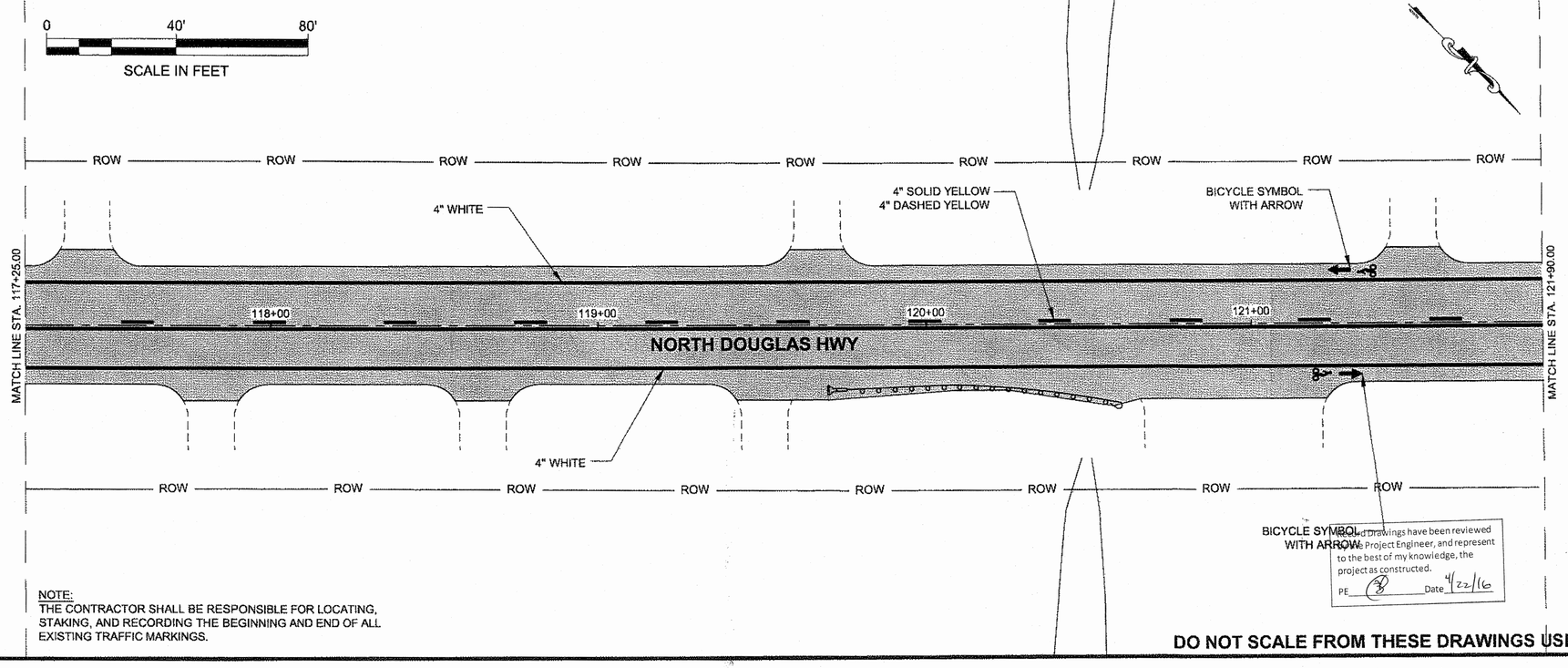
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R12	87





NOTE:
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DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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PE _____ Date 4/22/16

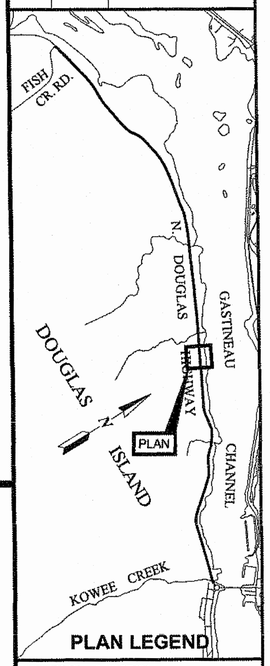
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R13 Saturday, September 07, 2013 11:37:36 A

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6886
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER

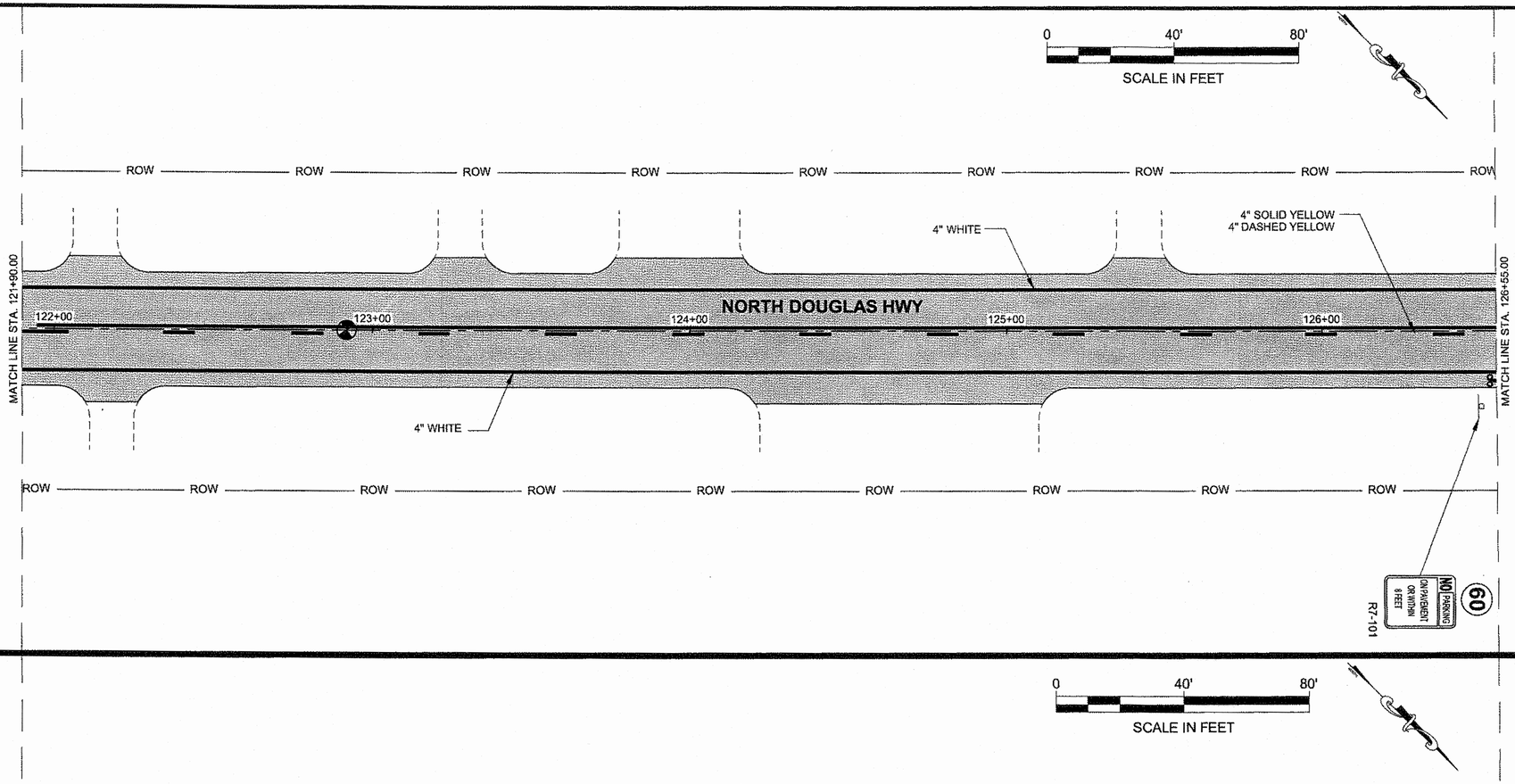
DRAWN BY: D. MULLINER, R. GRANTHAM

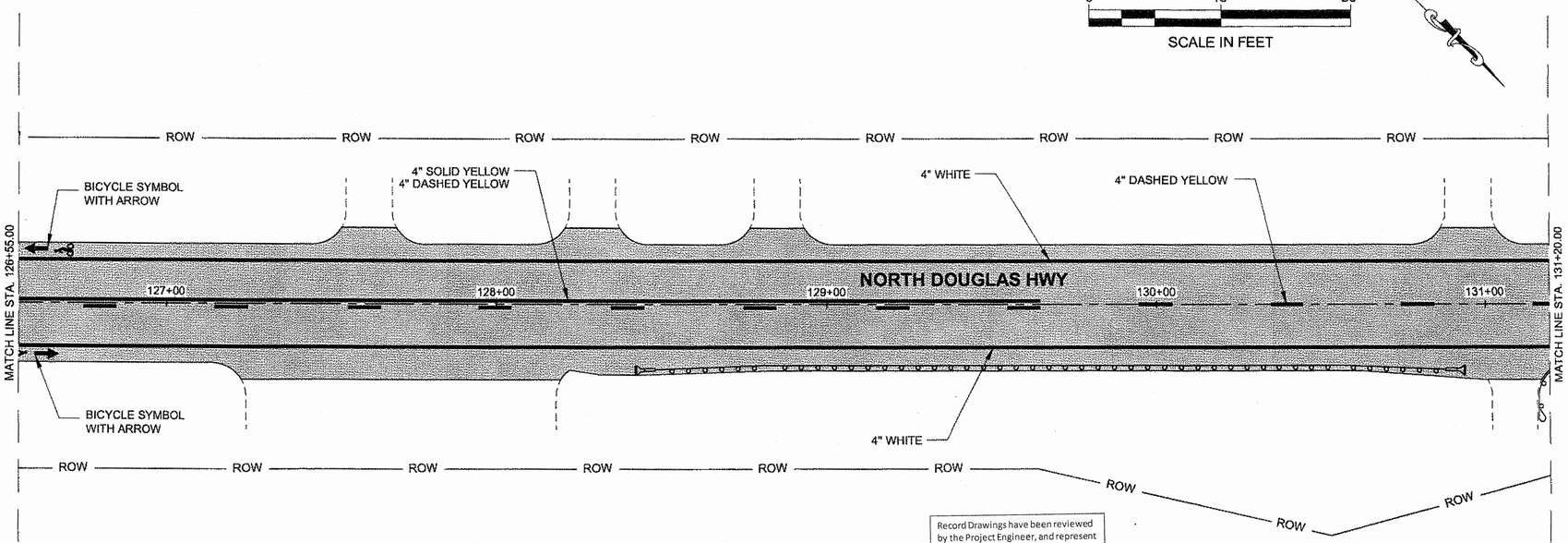
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R13	87





NOTE:
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PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

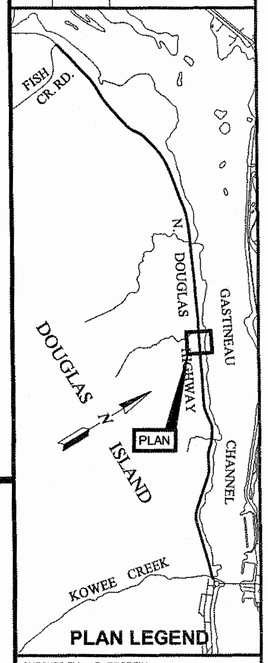
GRANTHAM, RICK L (DOT)
TAB: R14 Saturday, September 07, 2013 11:54:12 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID R. EPSTEIN
CE-6855
REGISTERED PROFESSIONAL ENGINEER
9-9-13

DESIGNED BY: D. MULLINER

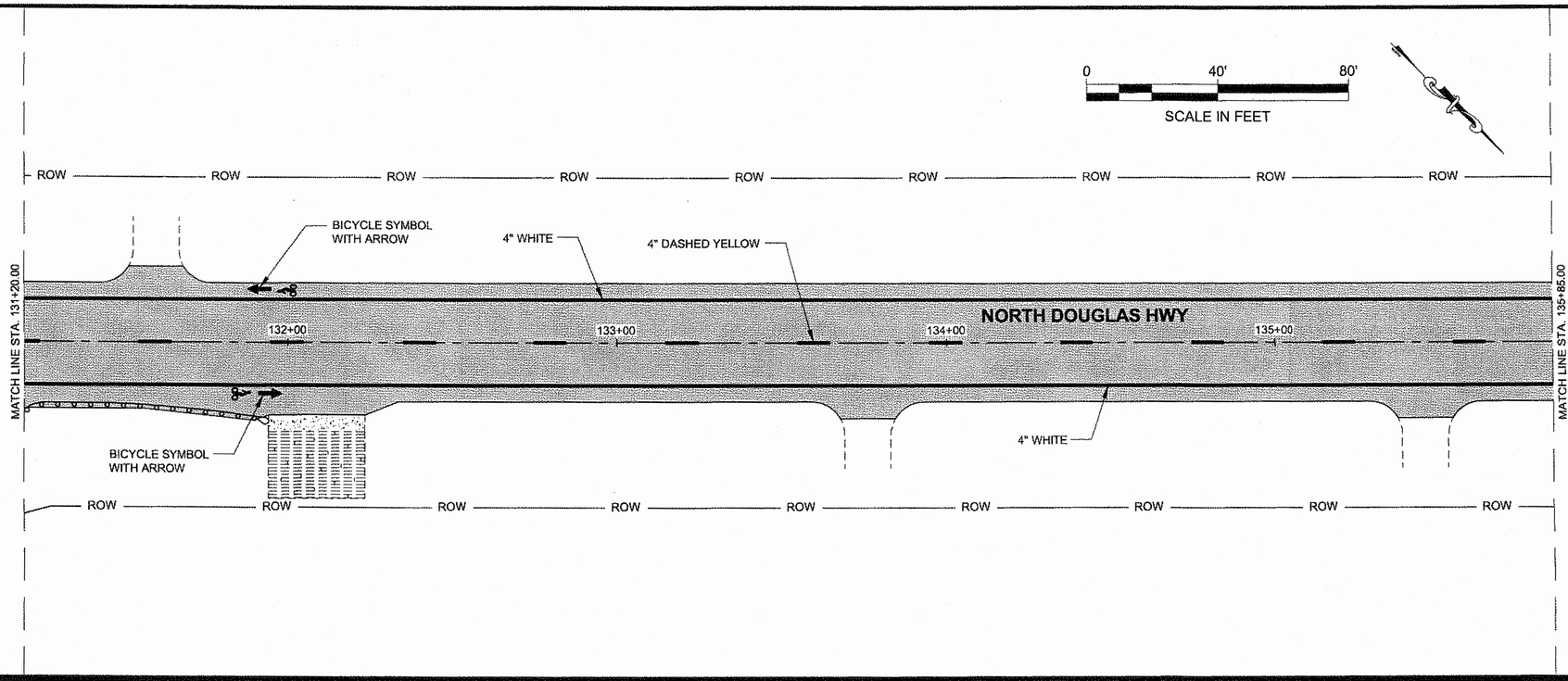
DRAWN BY: D. MULLINER, R. GRANTHAM

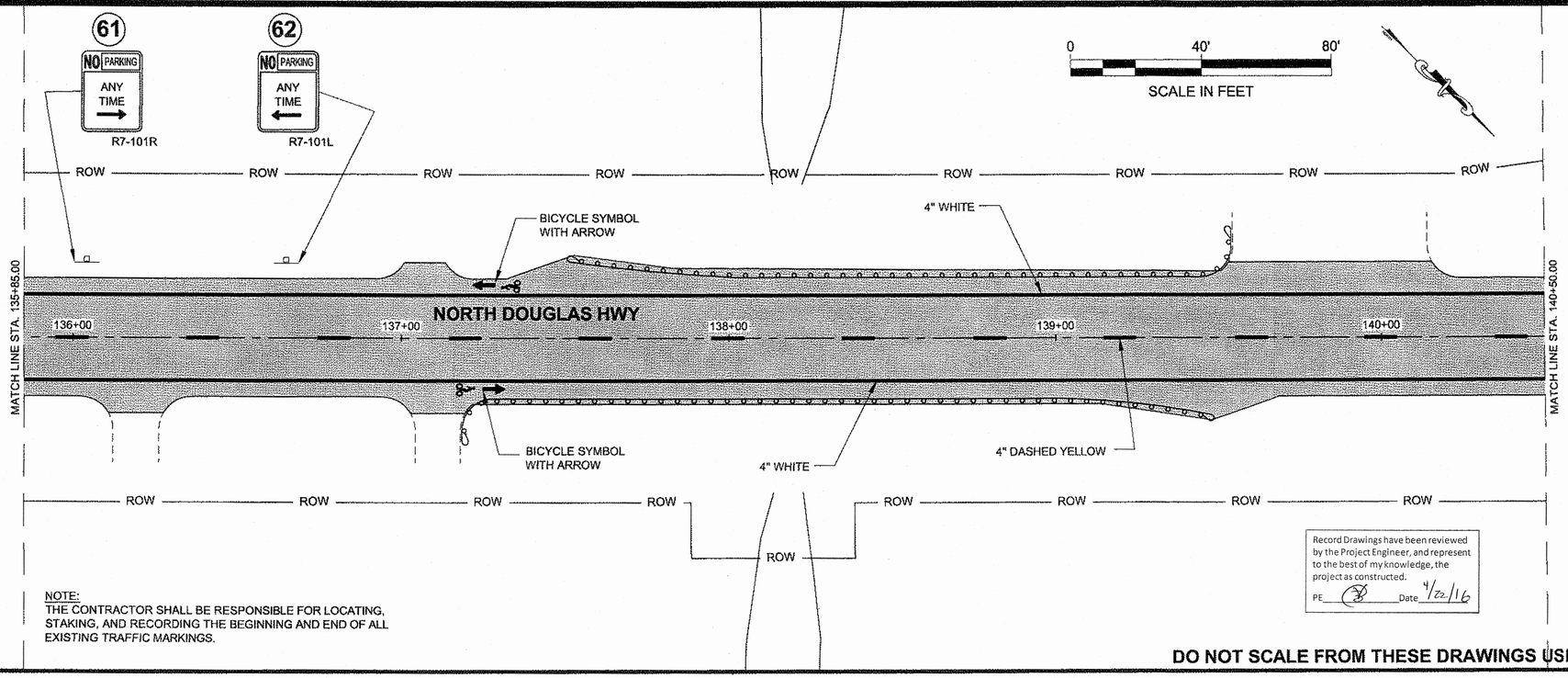
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R14	87





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

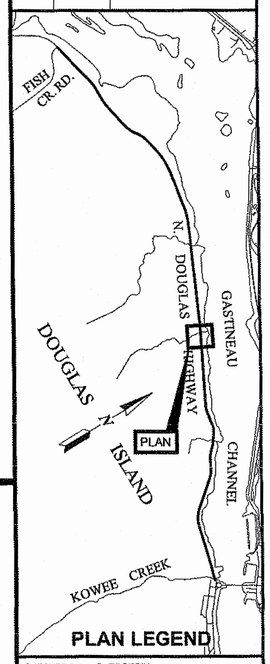
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R15 Saturday, September 07, 2013 12:33:55 F

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID J. EPSTEIN
CE-8055
REGISTERED PROFESSIONAL ENGINEER
9-9-13

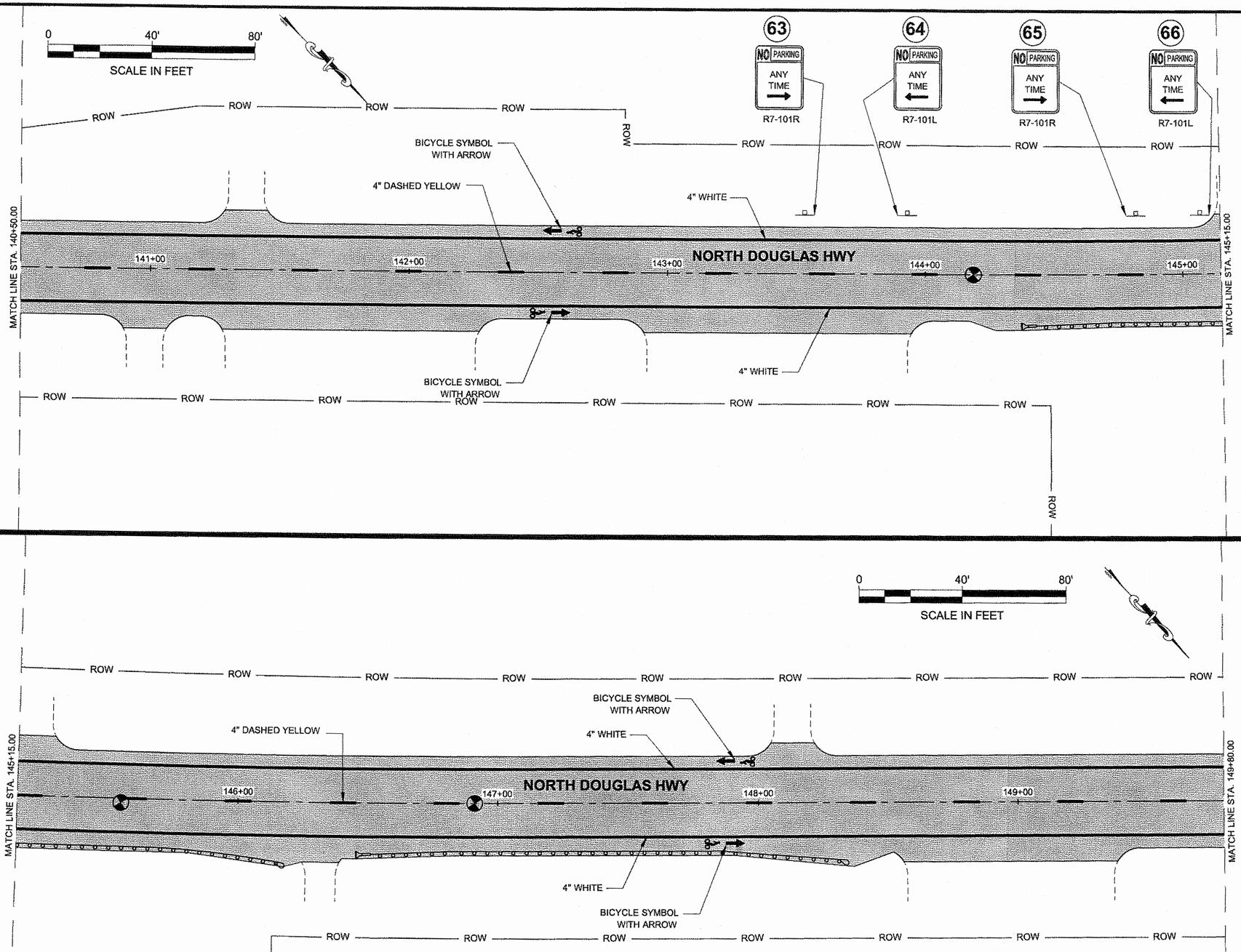
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R15	87



NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH=Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

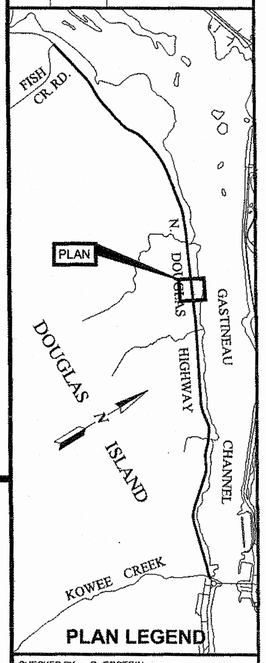
GRANTHAM, RICK L (DOT)
TAB: R16 Sunday, September 08, 2013 10:40:06 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID EPSTEIN
CE-8656
REGISTERED PROFESSIONAL ENGINEER
9.9.13

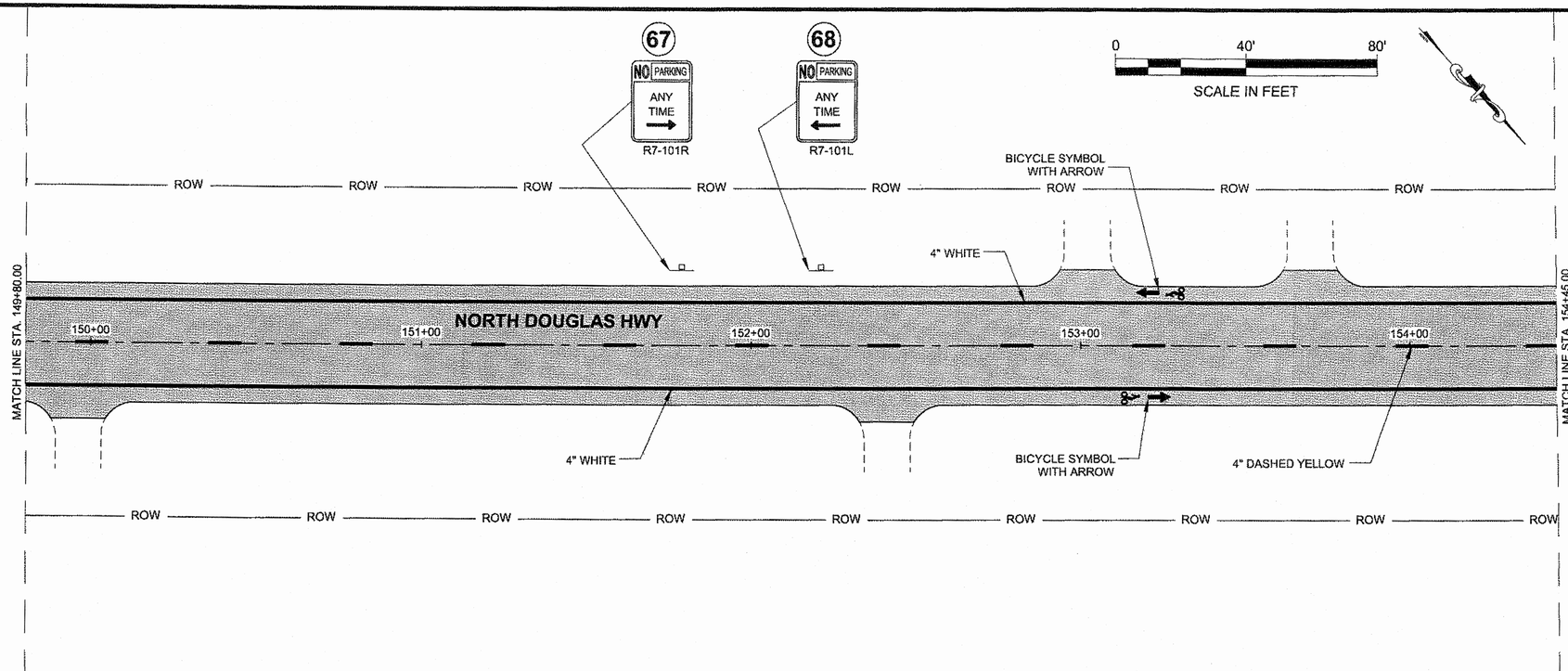
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

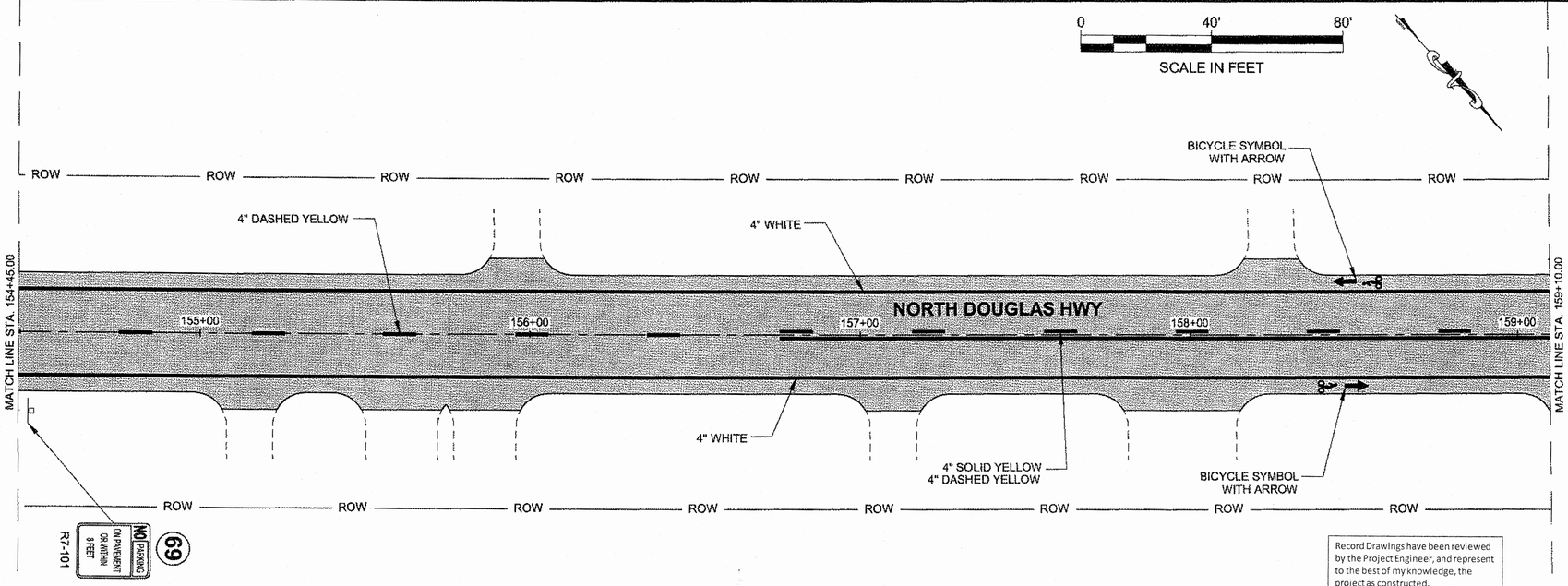
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R16	87





NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, STAKING, AND RECORDING THE BEGINNING AND END OF ALL EXISTING TRAFFIC MARKINGS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE [signature] Date 4/22/16

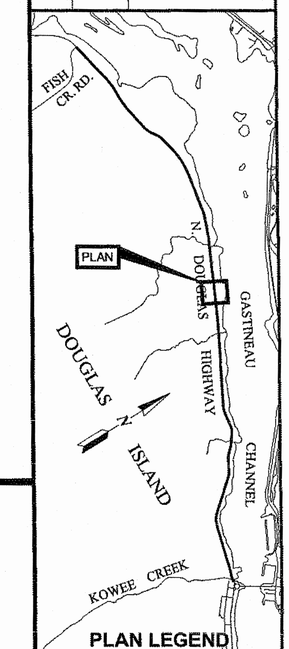
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R17 Sunday, September 08, 2013 10:40:33 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th DAVID E. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER
9-9-13

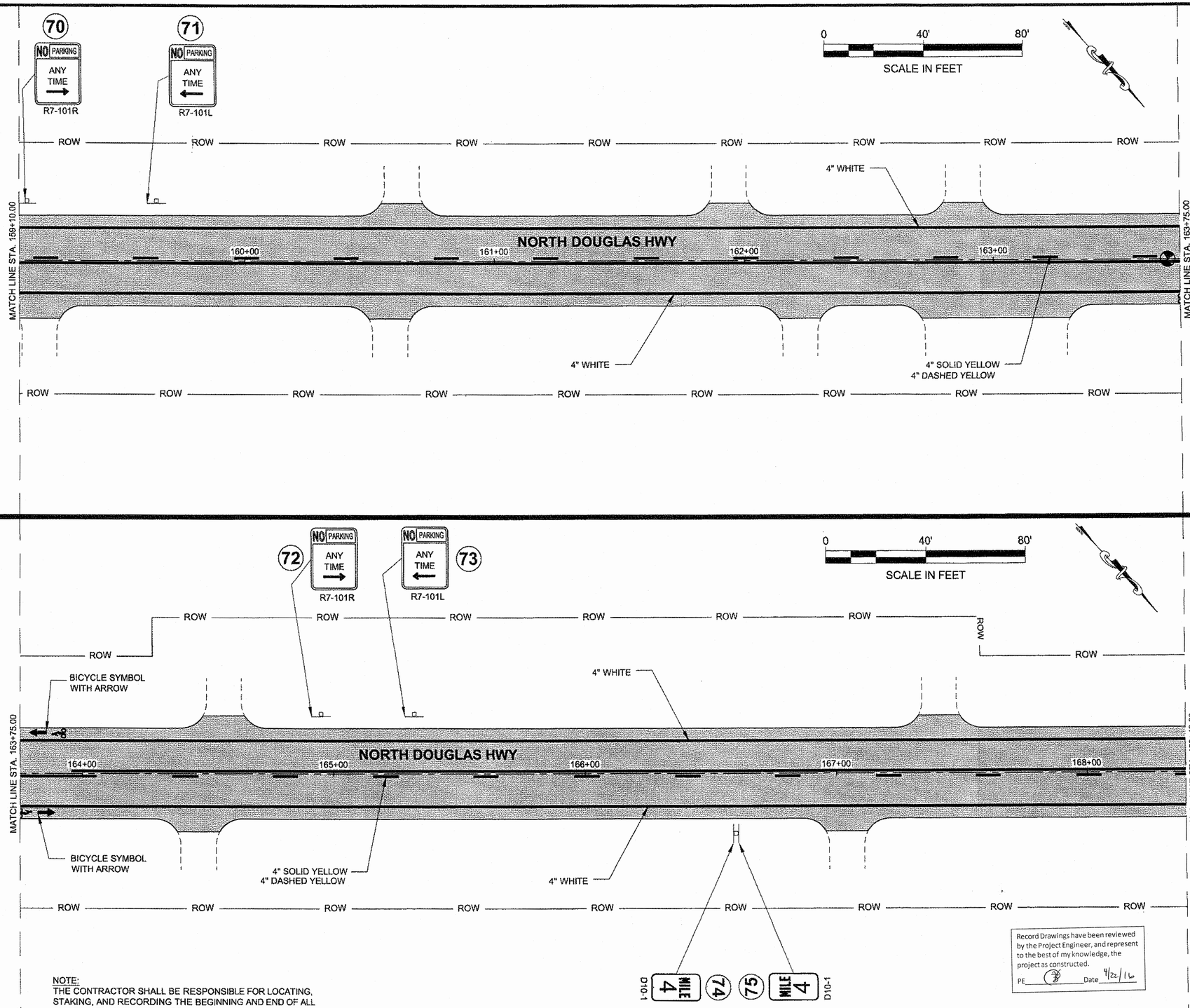
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD. PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R17	87



NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

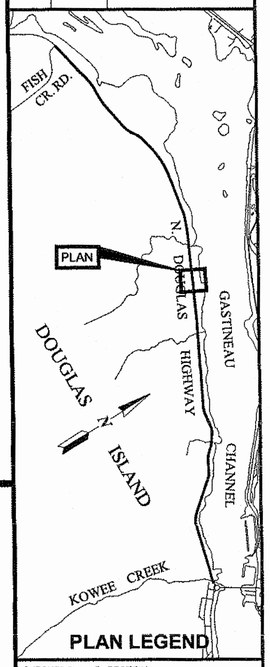
GRANTHAM, RICK L (DOT)
TAB: R18 Saturday, September 07, 2013 1:01:19 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-8866
REGISTERED PROFESSIONAL ENGINEER
9-9-13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

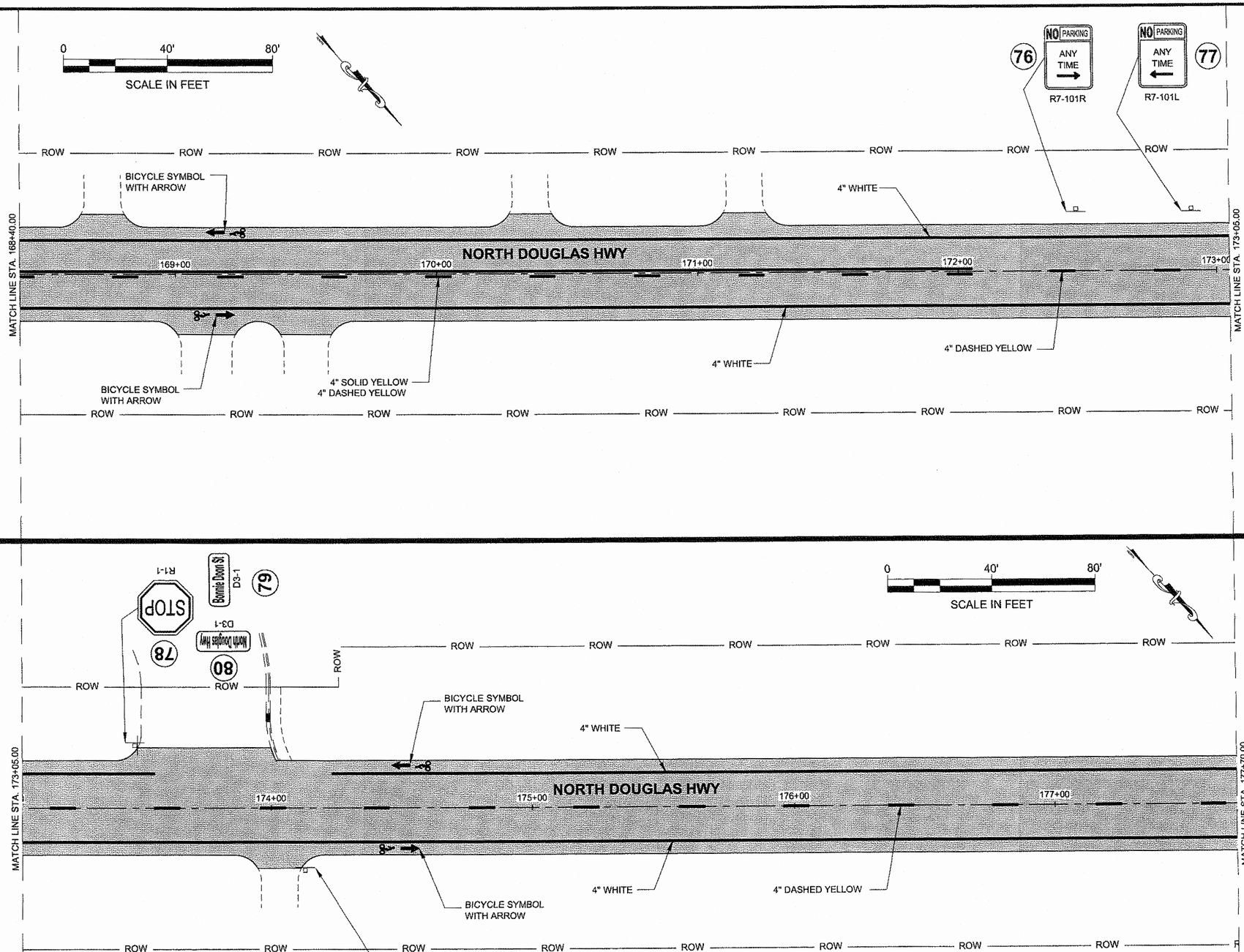
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R18	87



NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

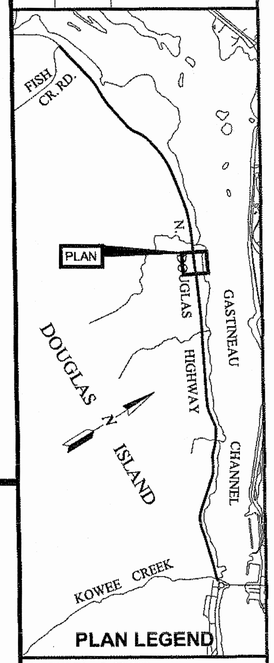
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R19 Saturday, September 07, 2013 1:07:49 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID D. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

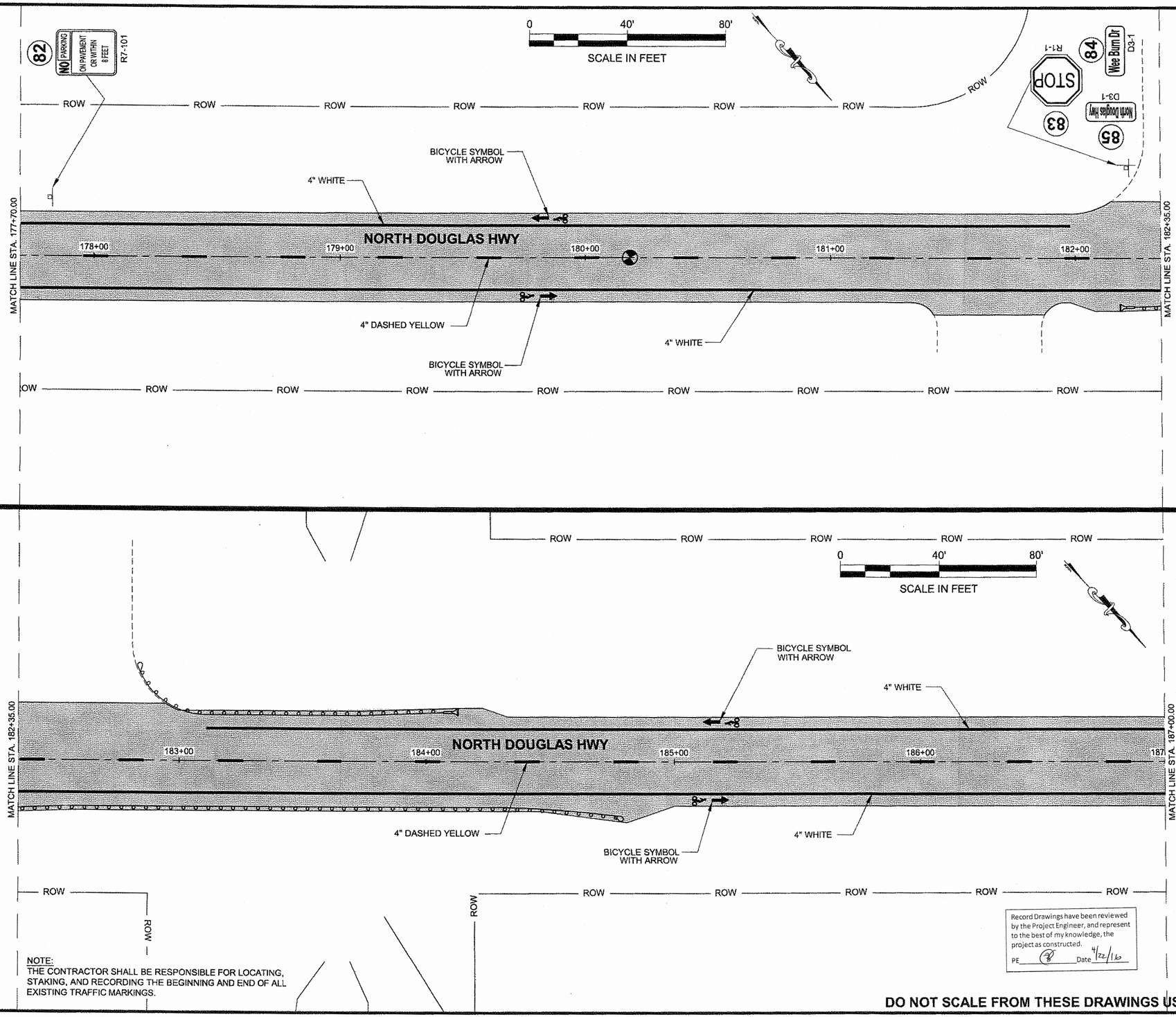
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R19	87



NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

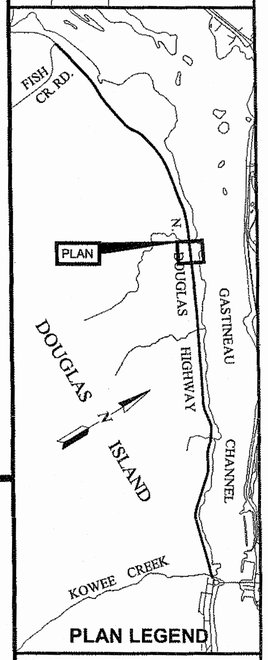
GRANTHAM, RICK L (DOT)
TAB: R20 Sunday, September 08, 2013 10:41:00 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6666
REGISTERED PROFESSIONAL ENGINEER
9-9-13

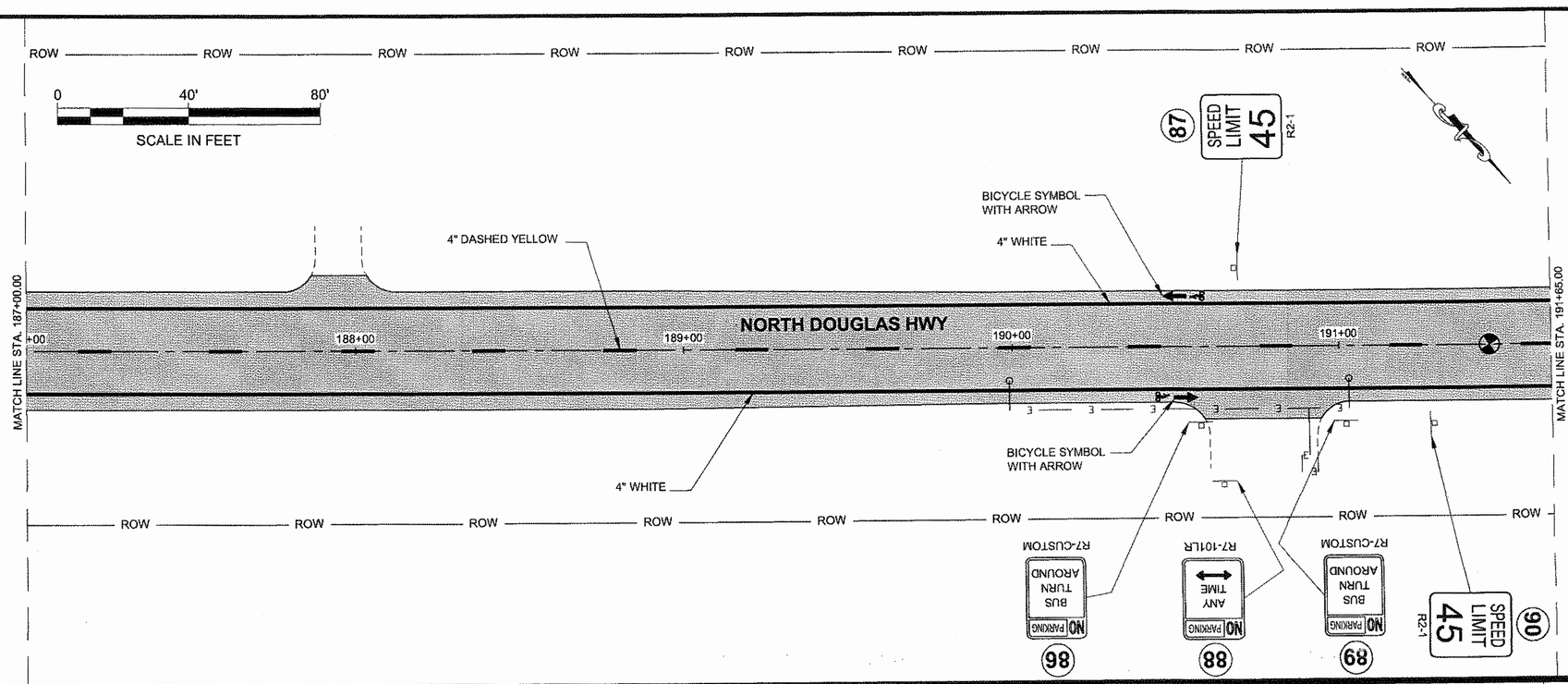
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

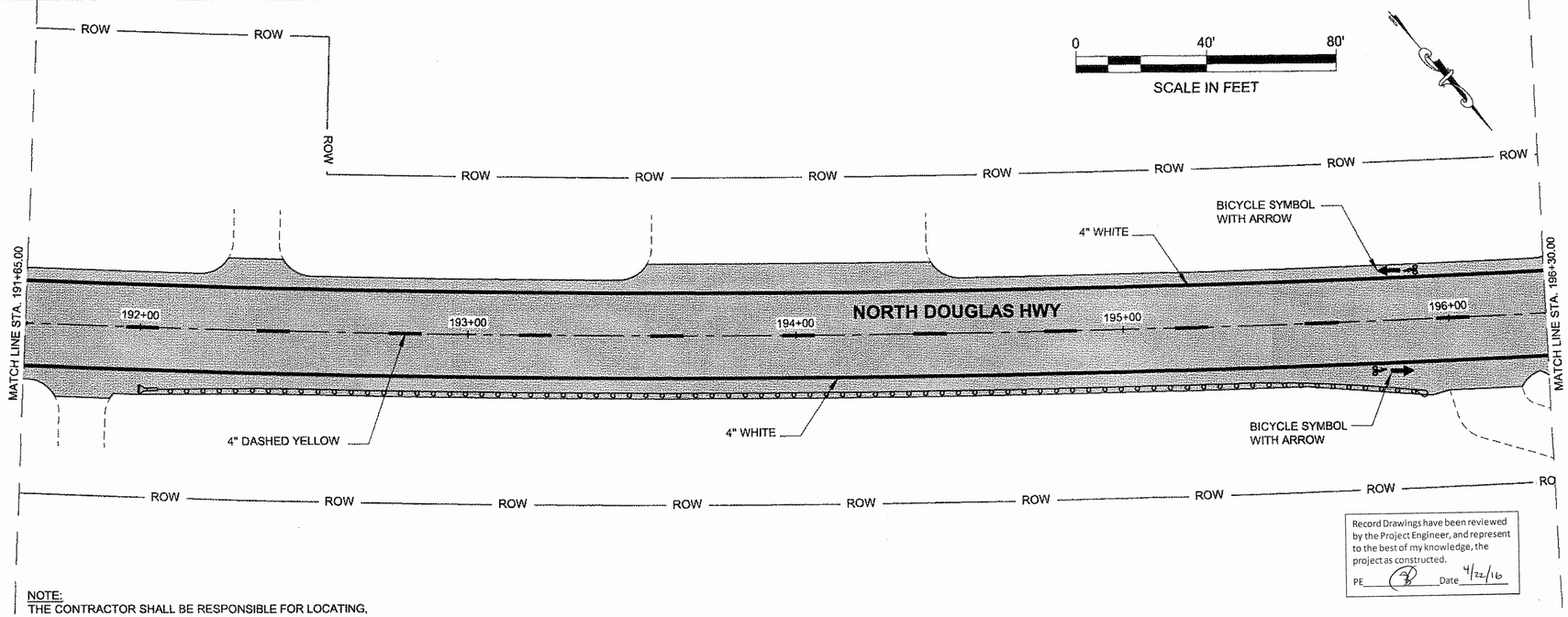
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R20	87





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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

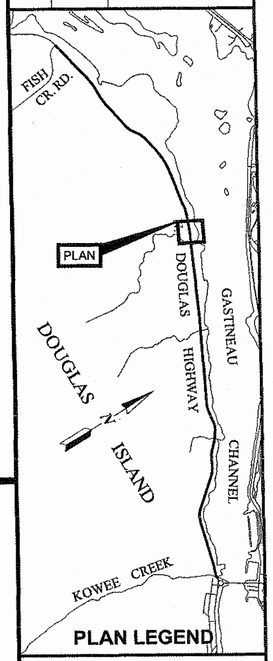
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK I. (DOT)
TAB: R21 Sunday, September 08, 2013 10:41:21 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID D. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER

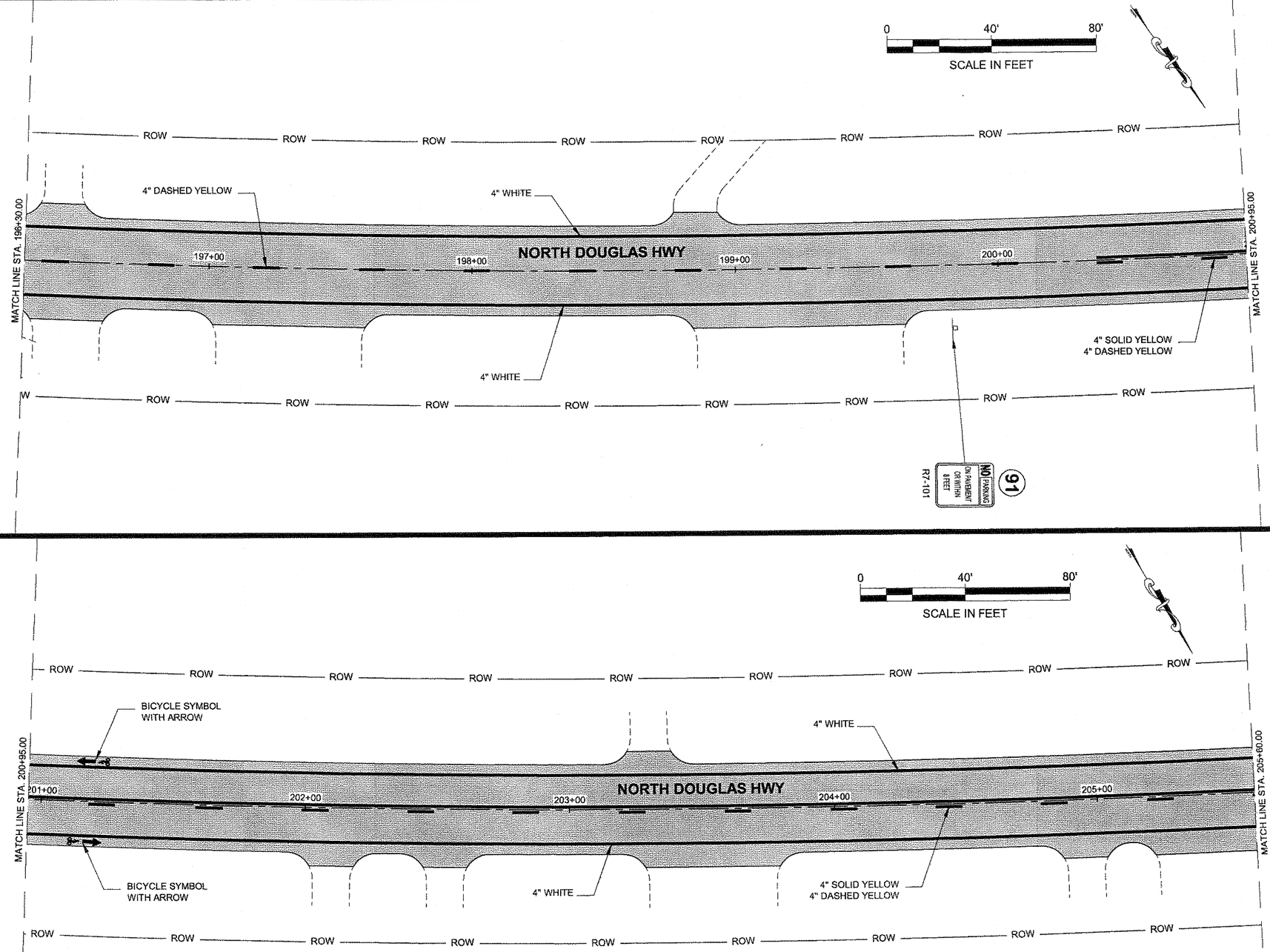
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R21	87



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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

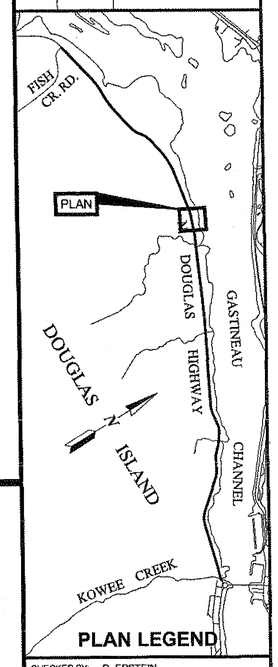
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R22 Saturday, September 07, 2013 1:43:11 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID G. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
5.9.13

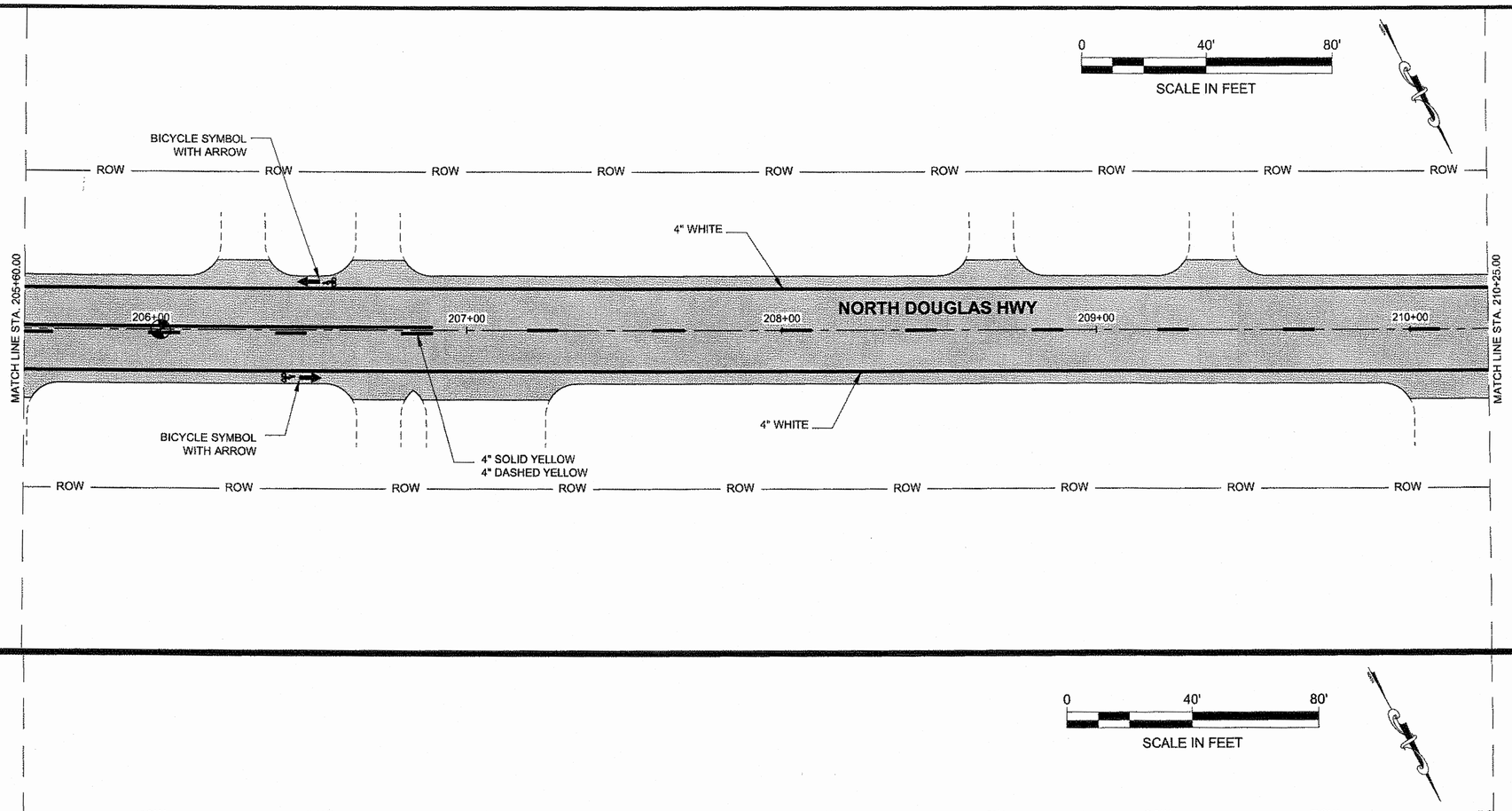
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

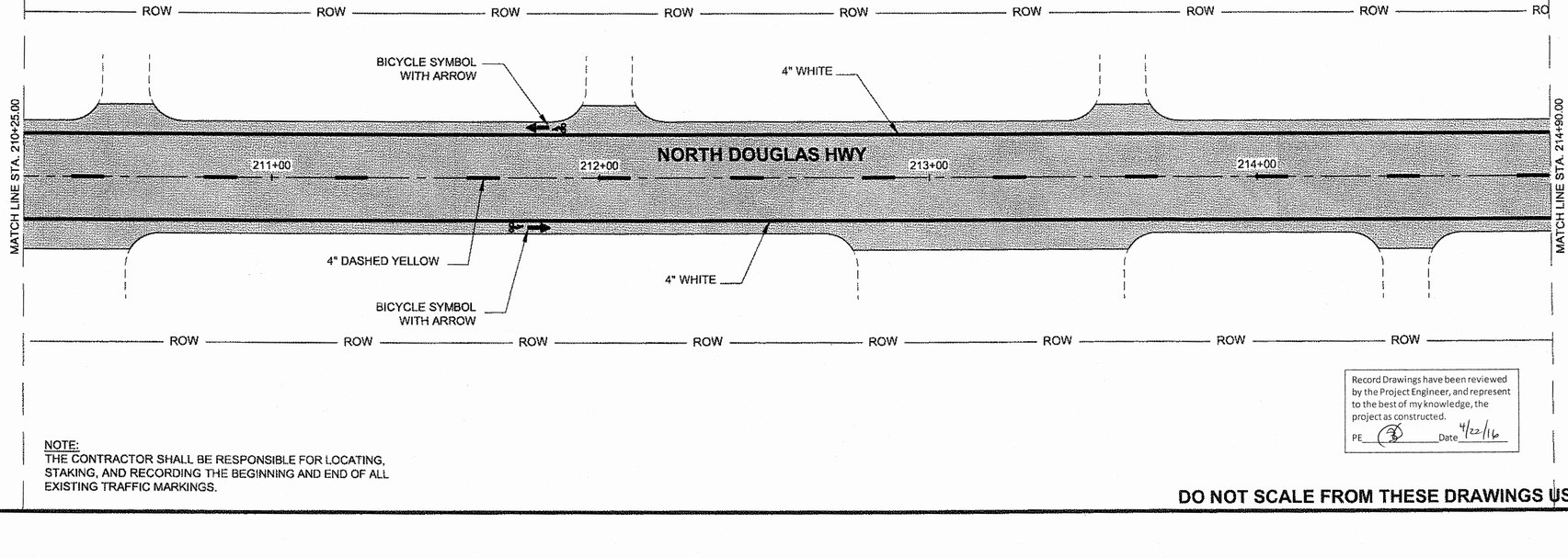
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R22	87





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

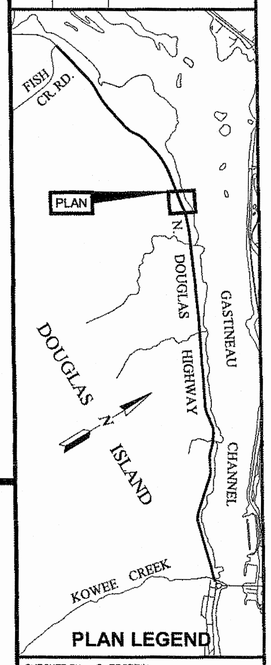
GRANTHAM, RICK L (DOT)
TAB: R23 Sunday, September 08, 2013 10:41:38 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

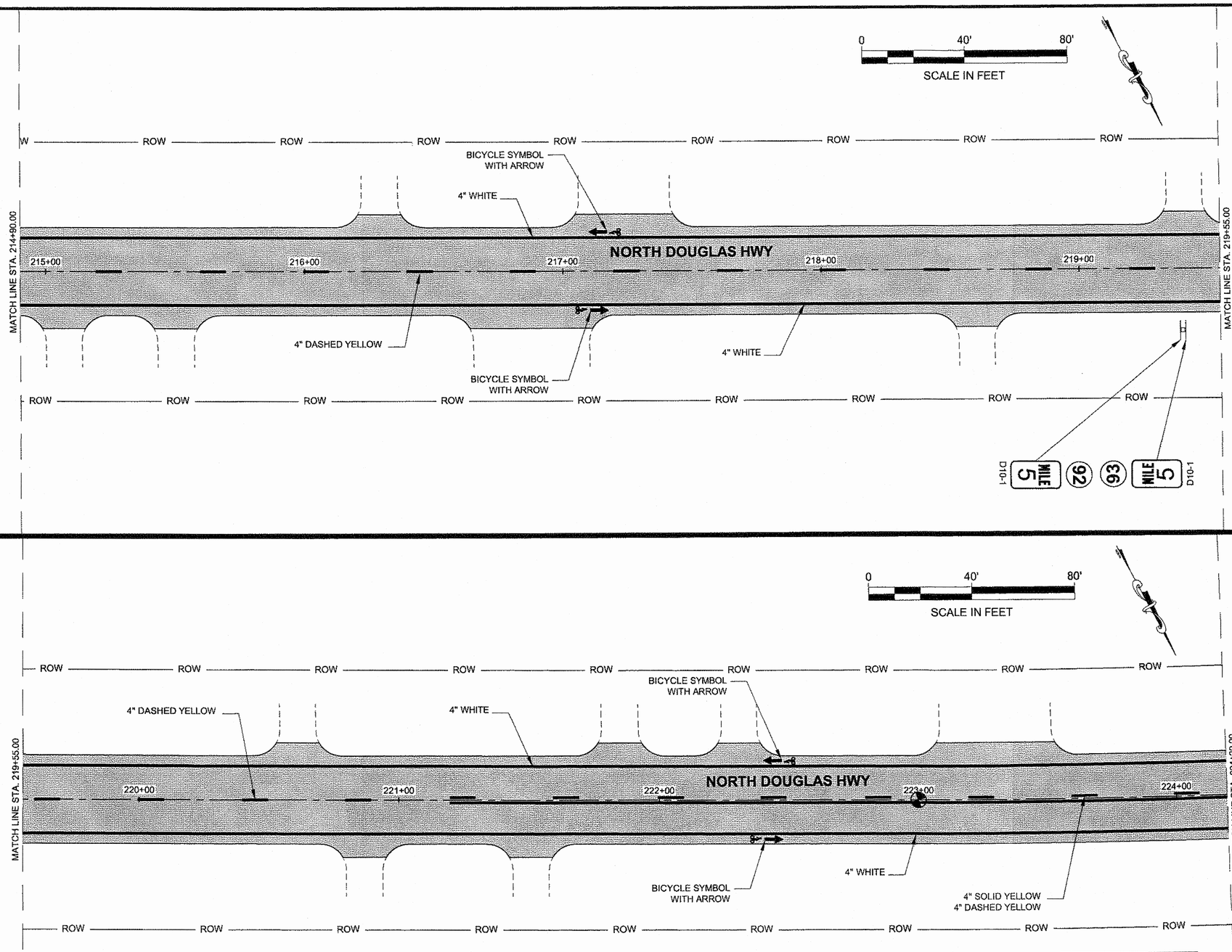
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R23	87



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PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

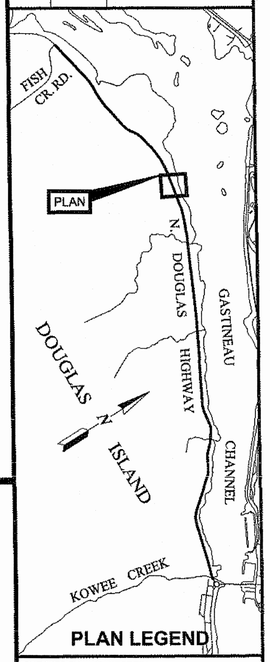
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R24 Saturday, September 07, 2013 1:44:08 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6868
REGISTERED PROFESSIONAL ENGINEER
9.9.13

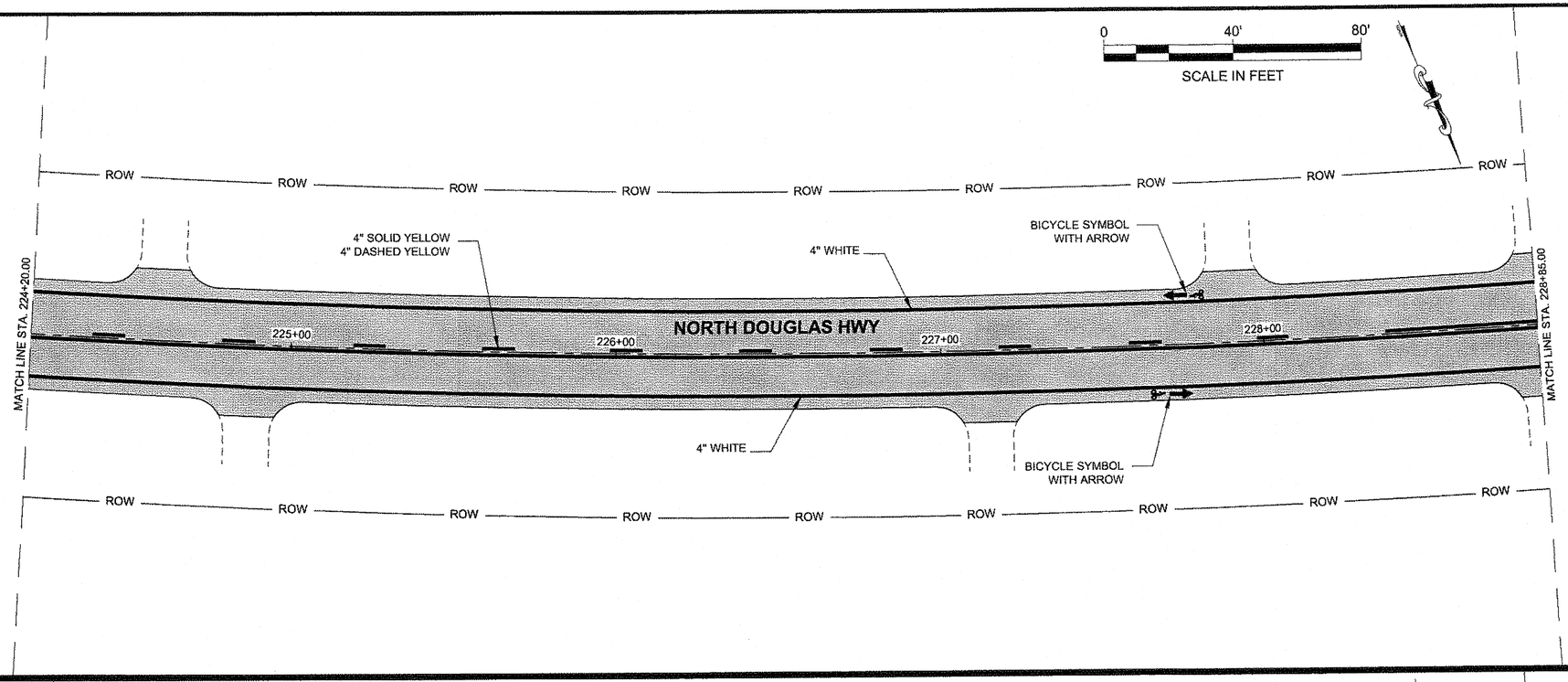
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

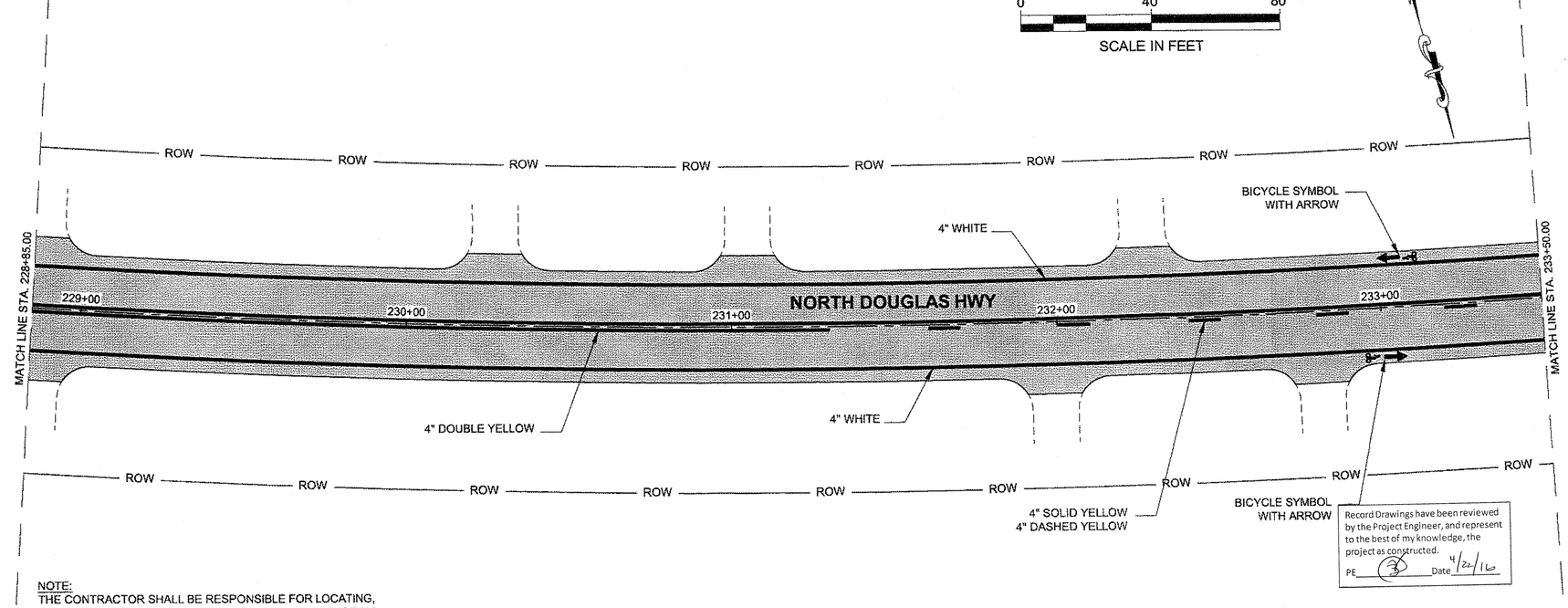
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R24	87





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

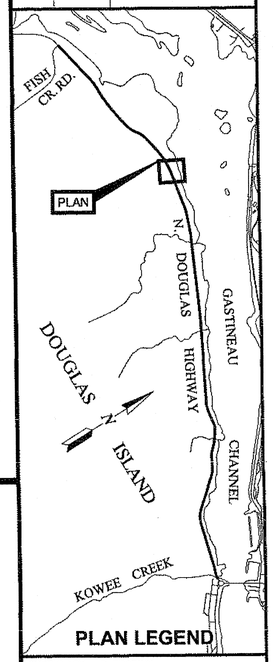
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R25 Saturday, September 07, 2013 1:44:15 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID G. EPSTEIN
CE-2005
REGISTERED PROFESSIONAL ENGINEER
9.9.13

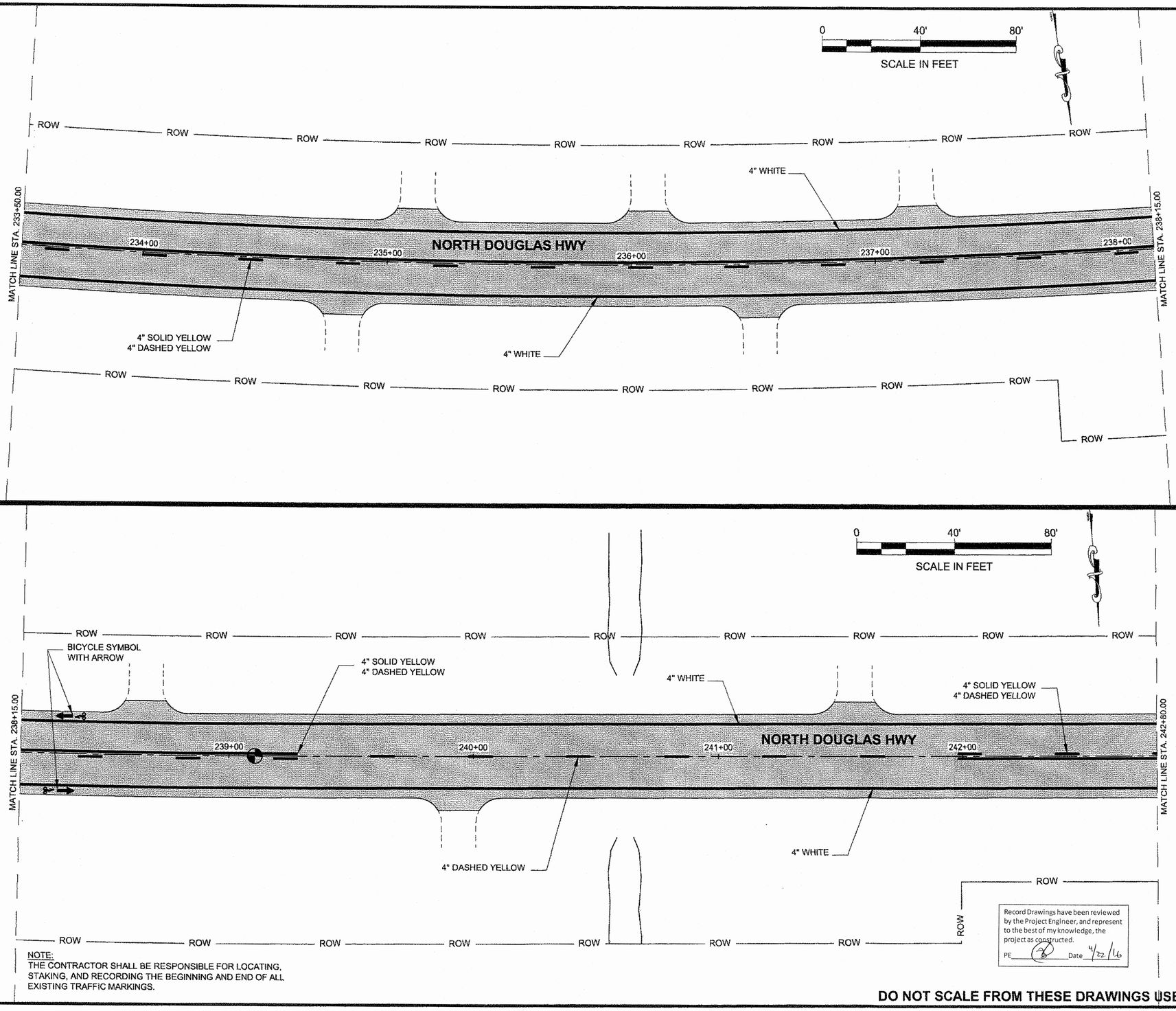
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R25	87



NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)

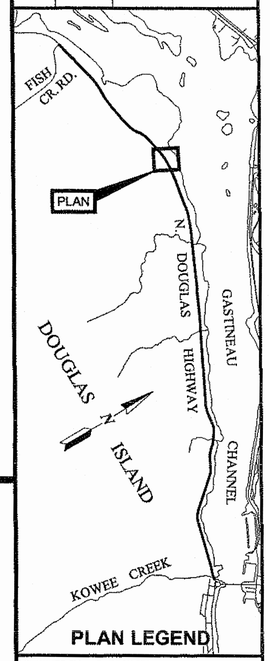
TAB: R26 Saturday, September 07, 2013 1:44:26 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6885
REGISTERED PROFESSIONAL ENGINEER
4.9.13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

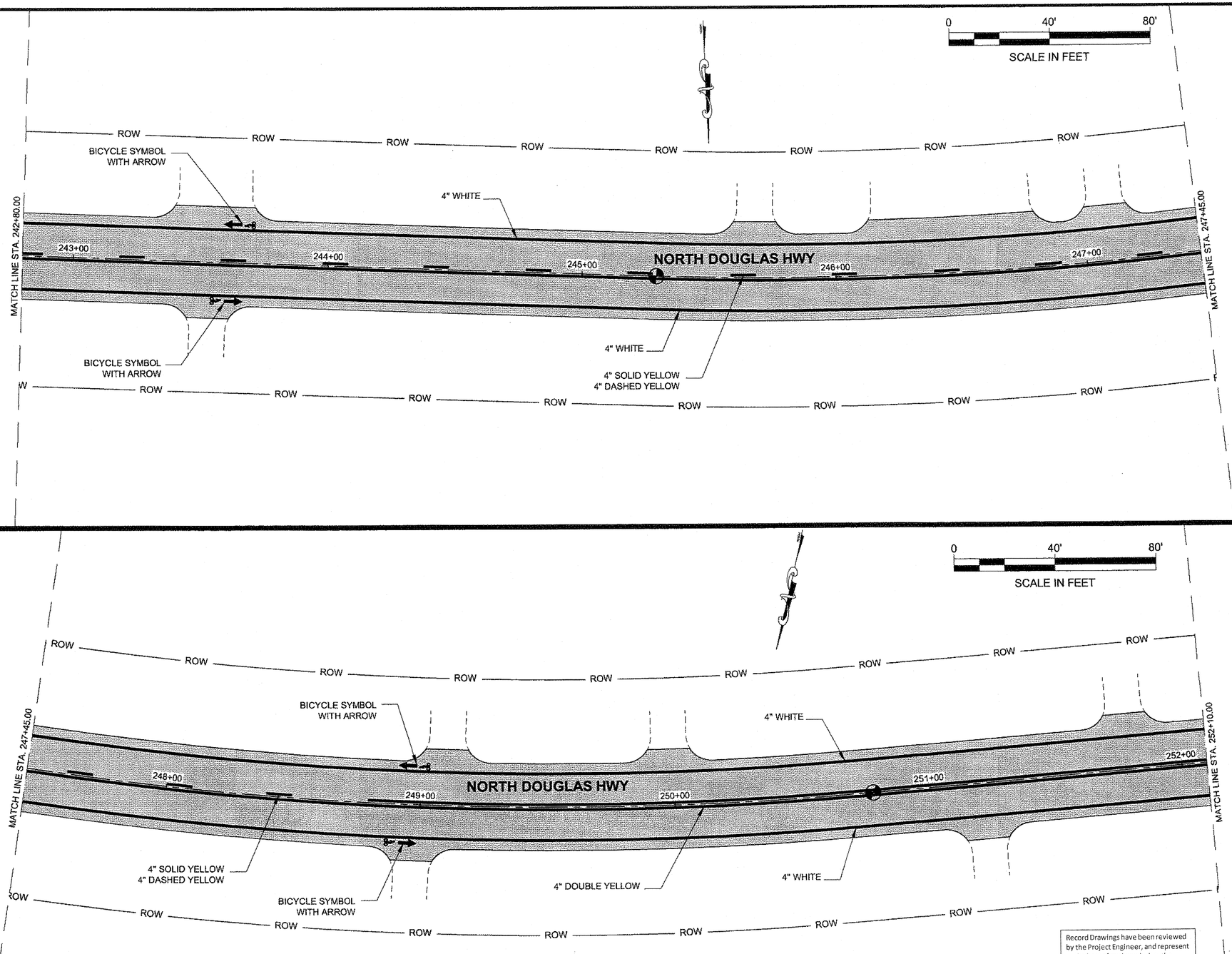
JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
R26	87



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PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

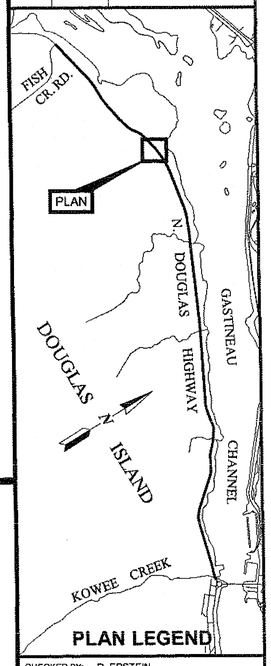
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R27 Saturday, September 07, 2013 1:44:2 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th
DAVID C. EPSTEIN
CE-8856
REGISTERED PROFESSIONAL ENGINEER
9.9.13

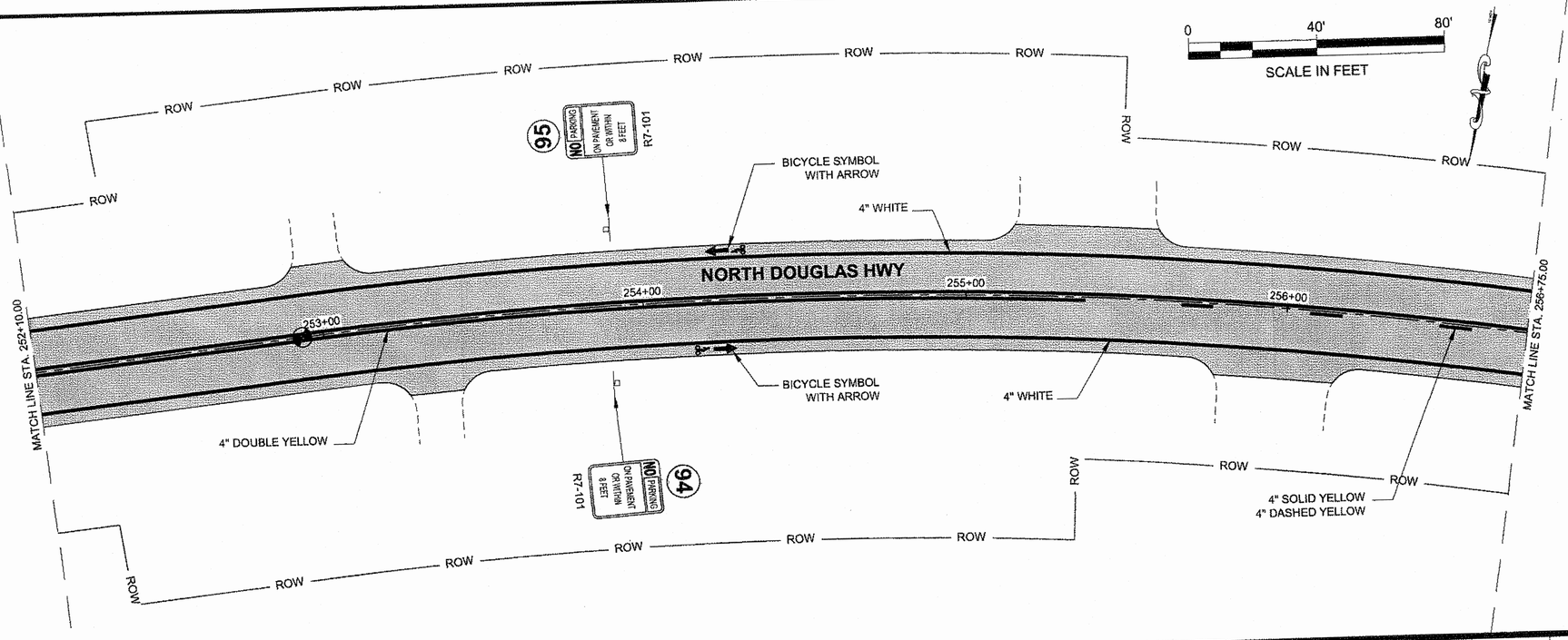
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

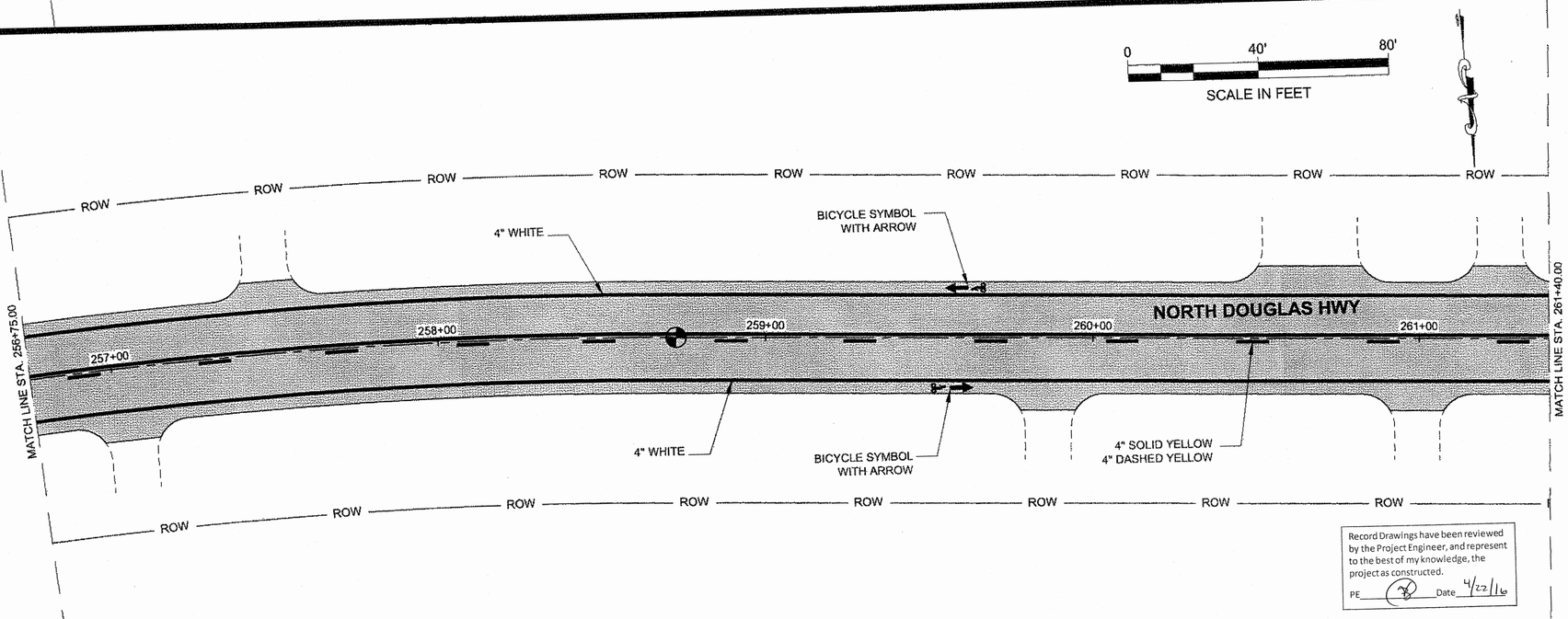
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R27	87





NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, STAKING, AND RECORDING THE BEGINNING AND END OF ALL EXISTING TRAFFIC MARKINGS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

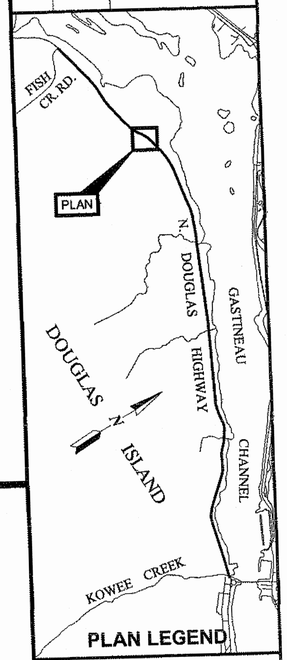
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R28 Saturday, September 07, 2013 1:44:52 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-9555
REGISTERED PROFESSIONAL ENGINEER
5.9.13

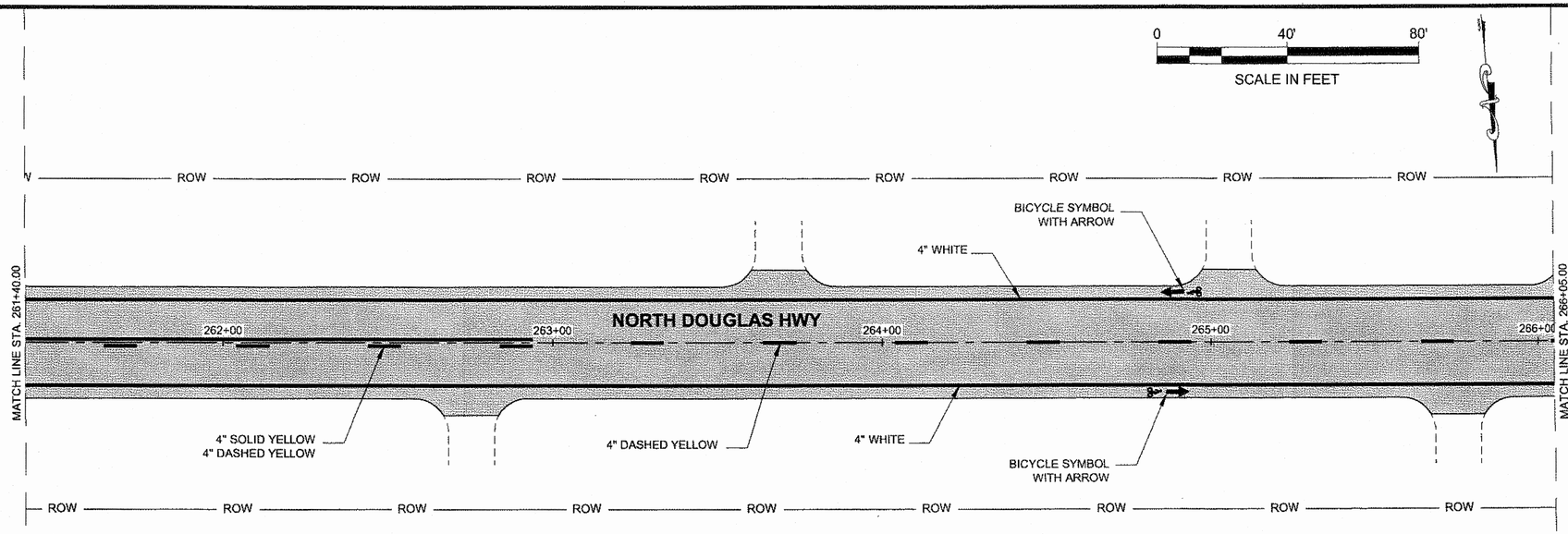
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

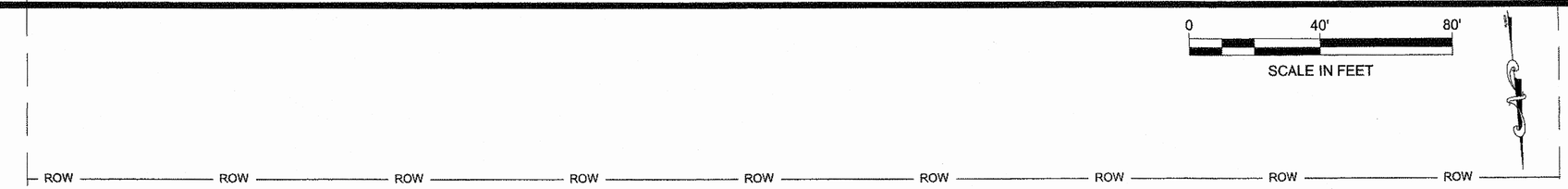
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R28	87





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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 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

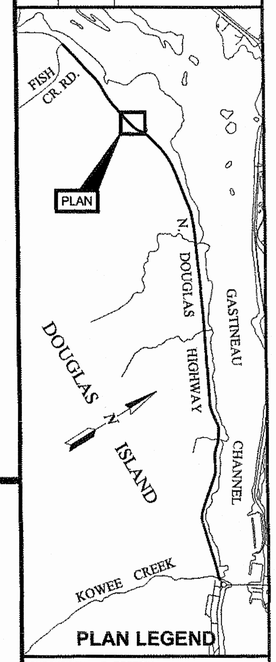
GRANTHAM, RICK L (DOT)
TAB: R29 Saturday, September 07, 2013 1:45:17 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID L. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9-9-13

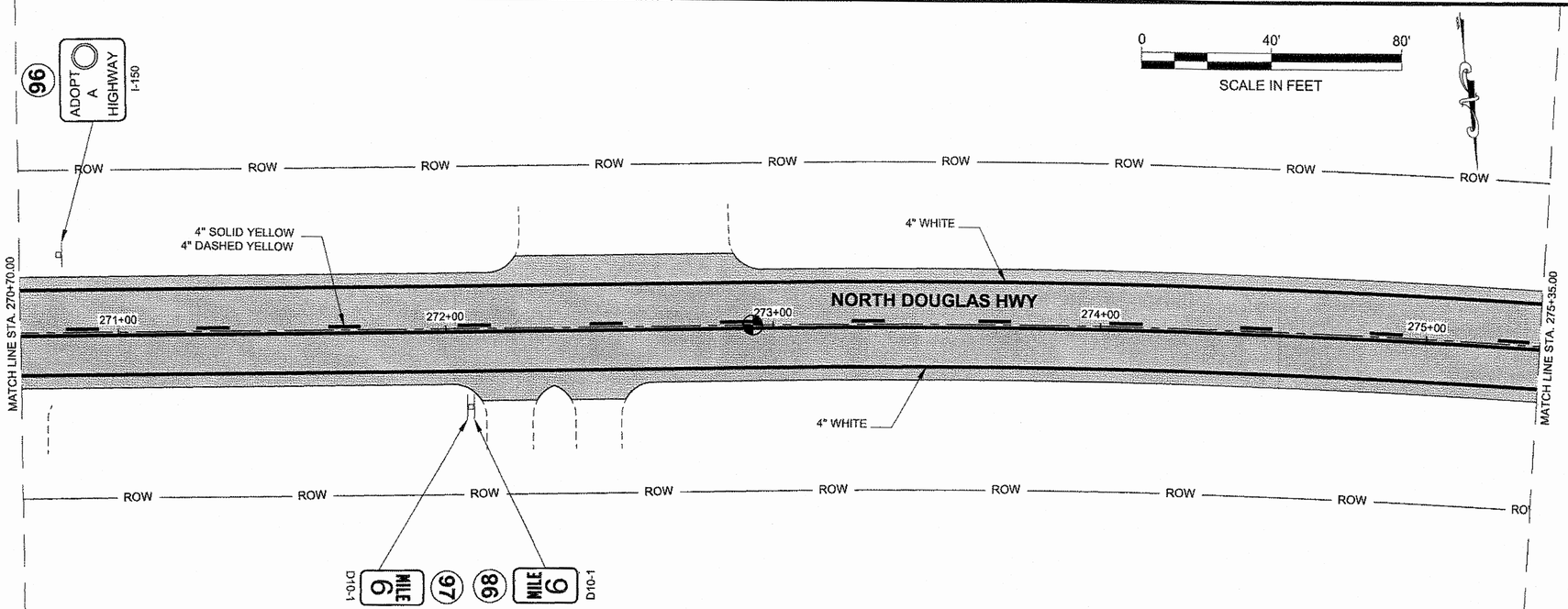
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

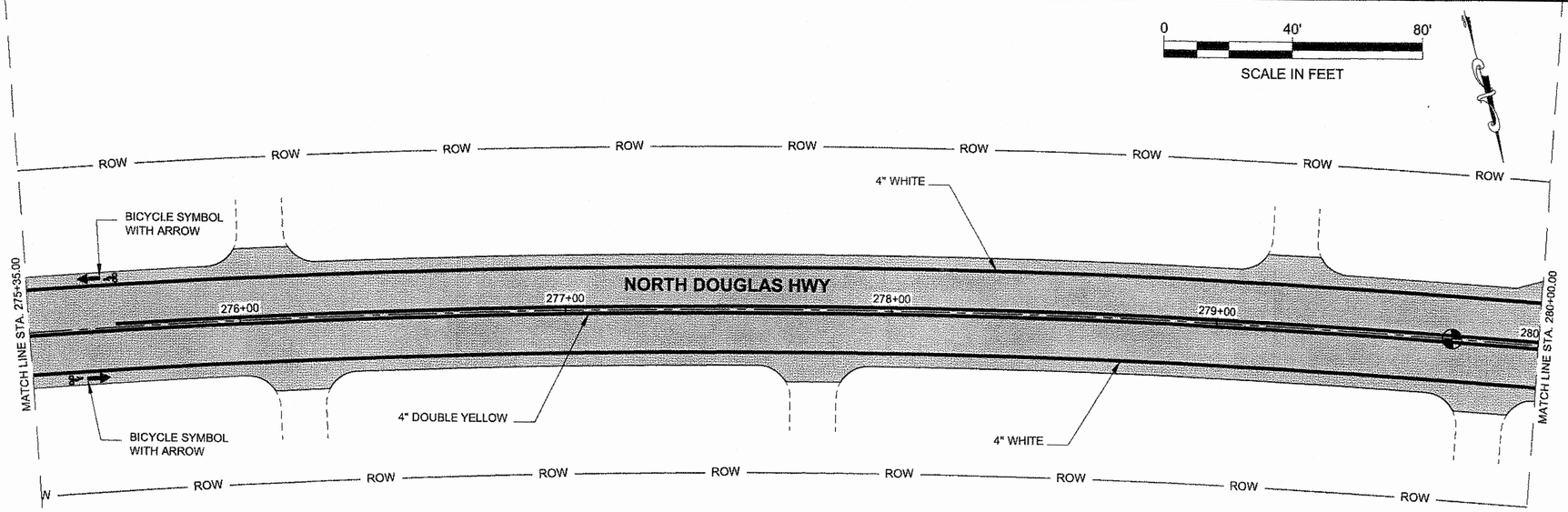
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R29	87





NOTE:
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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

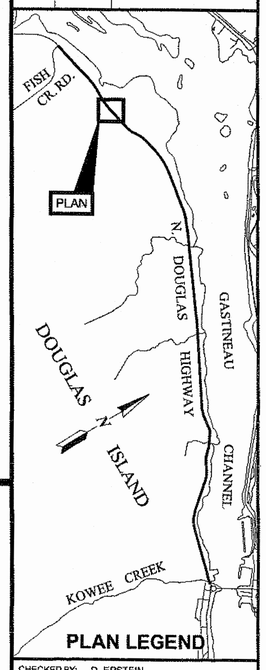
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R30 Saturday, September 07, 2013 1:45:28 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID B. EPSTEIN
CE-8665
REGISTERED PROFESSIONAL ENGINEER
7.49th
9.9.13

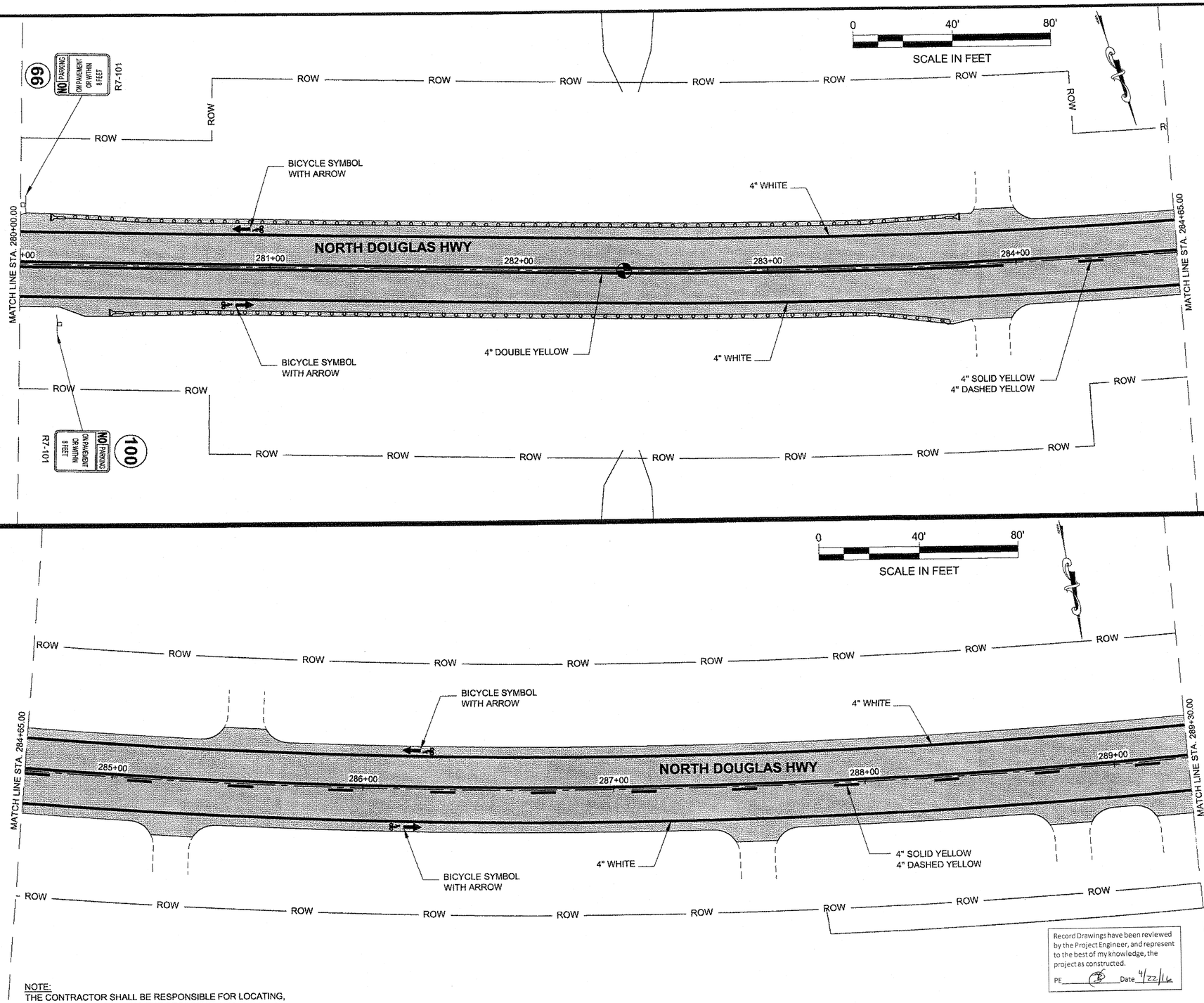
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY.
PAVEMENT REHABILITATION
ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R30	87



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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 4/22/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG

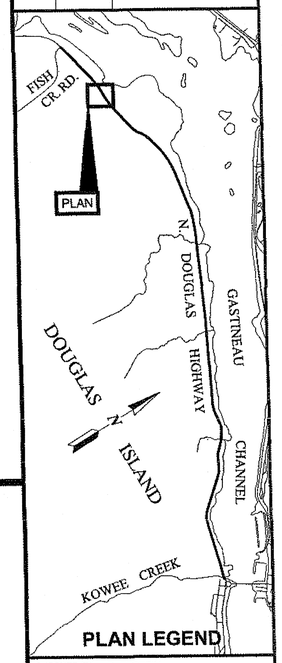
GRANTHAM, RICK L (DOT)
TAB: R31 Sunday, September 08, 2013 10:41:55 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-8886
REGISTERED PROFESSIONAL ENGINEER
9.9.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

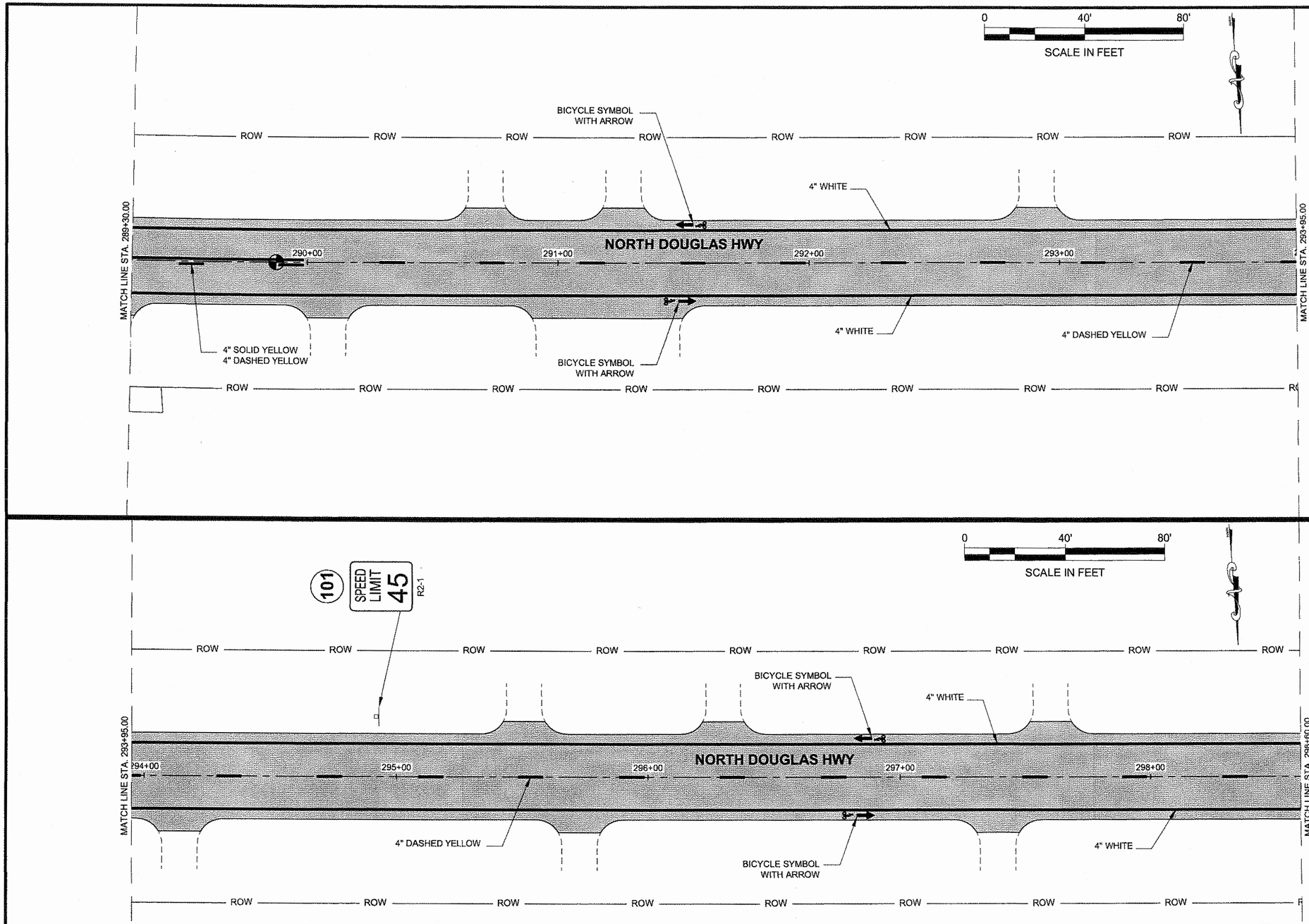
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION
CM-0959(020) ~ 67531

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R31	87



NOTE:
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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 4/22/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

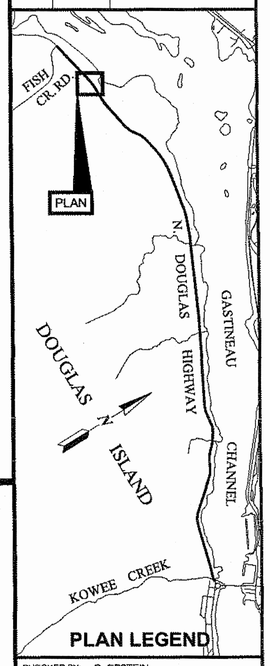
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG
GRANTHAM, RICK L (DOT)
TAB: R32 Saturday, September 07, 2013 2:08:19 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th DAVID B. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER
9-9-13

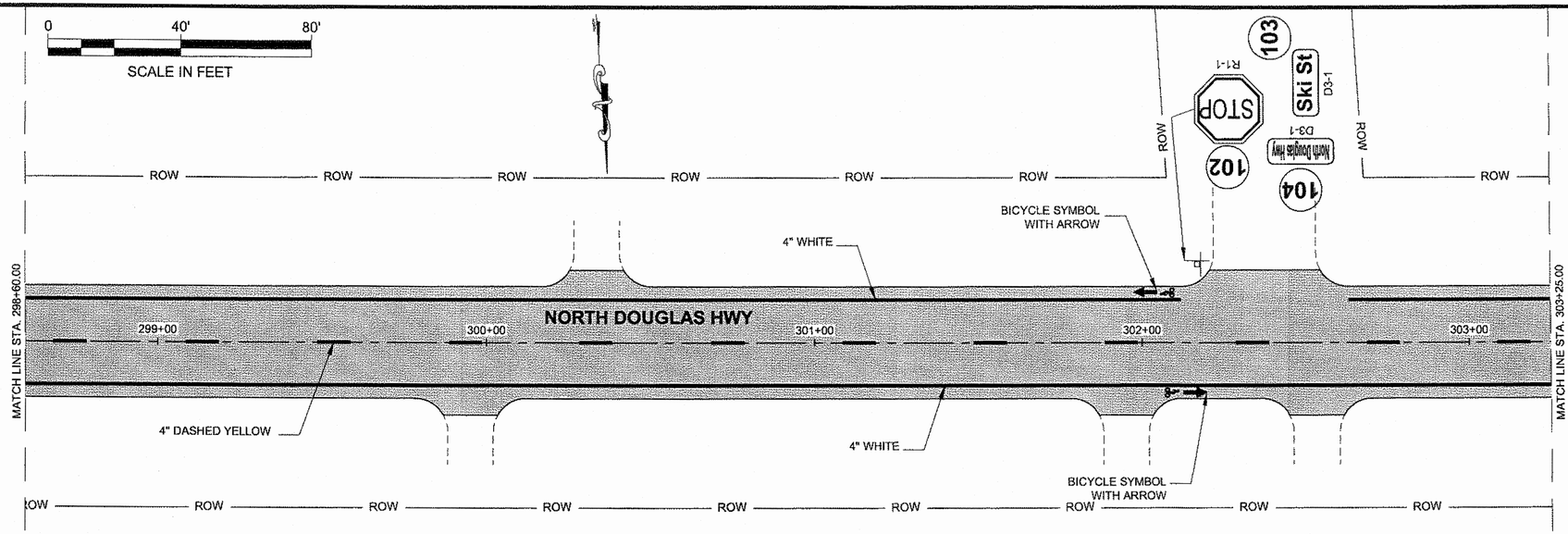
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

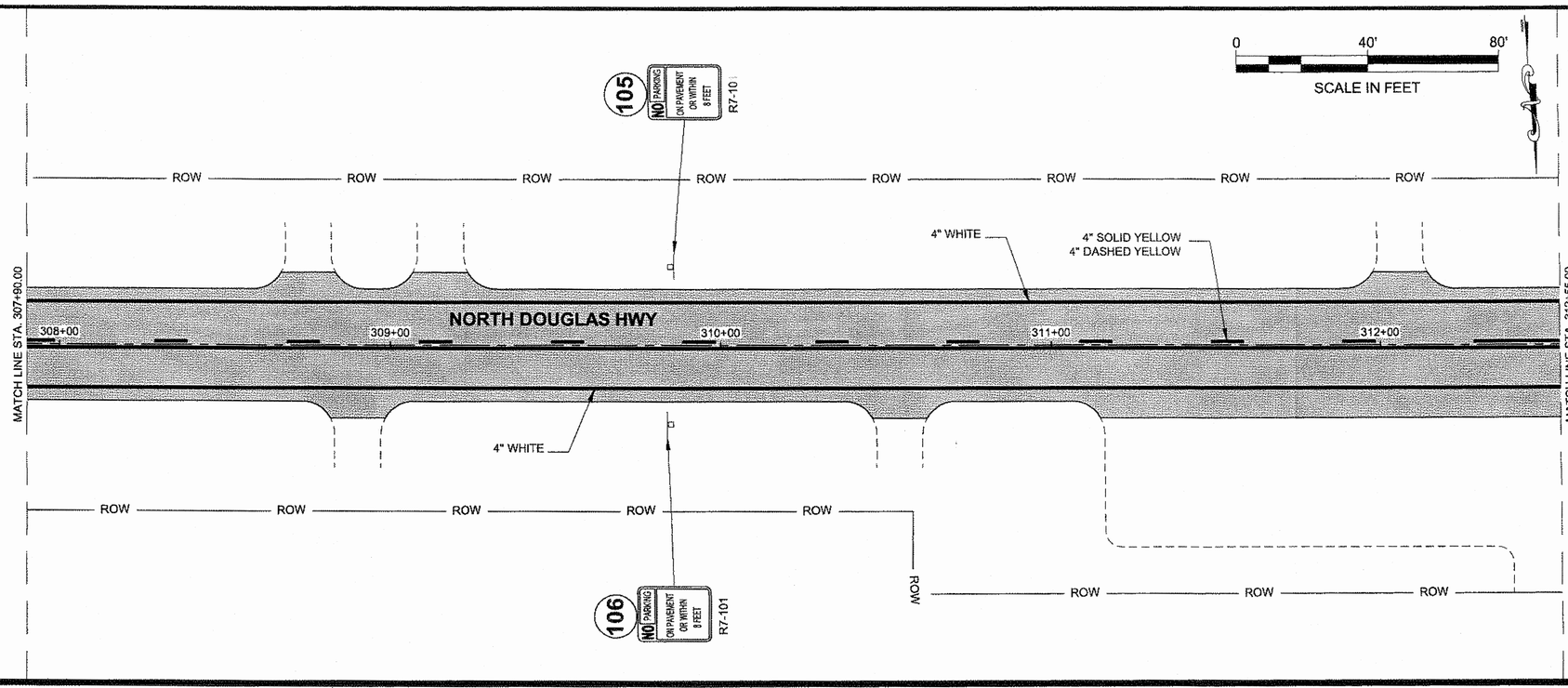
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

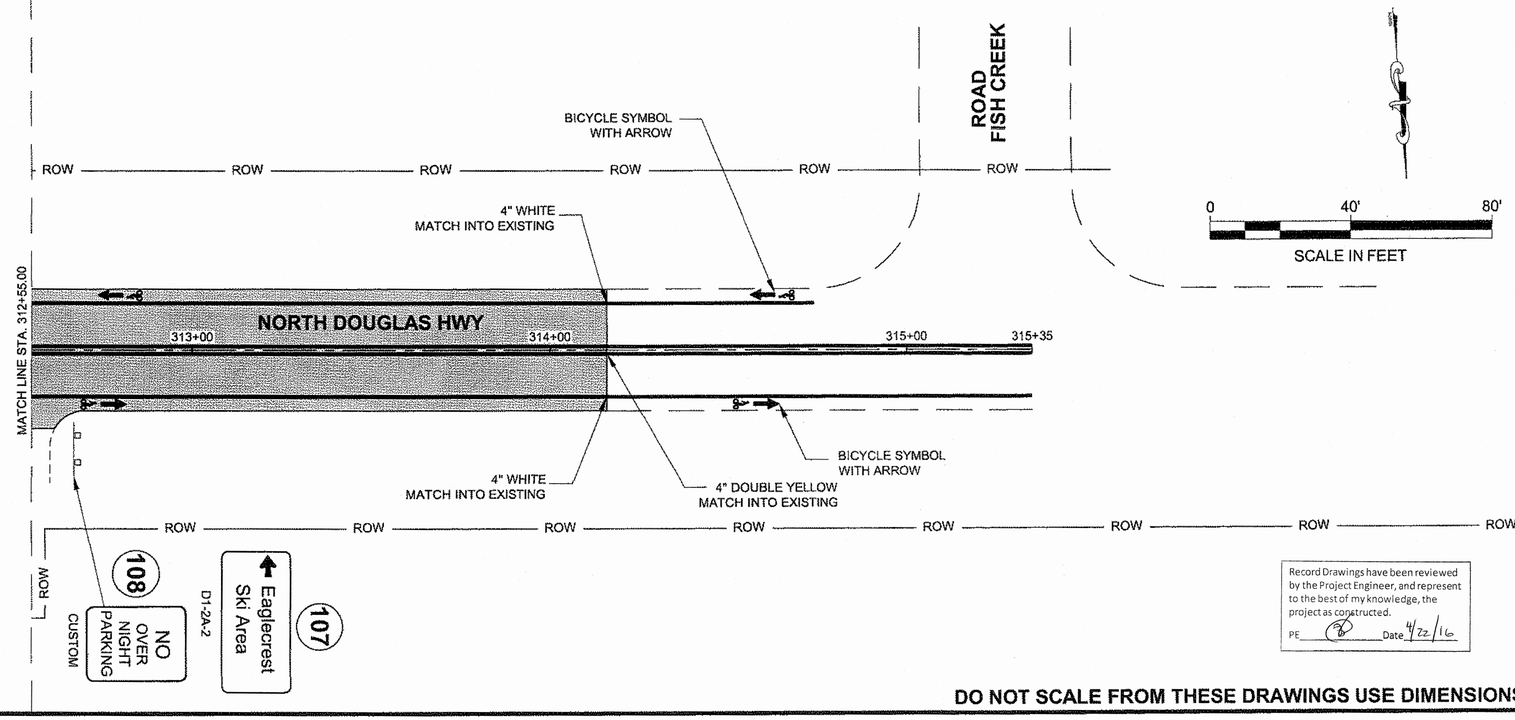
JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R32	87


0
40'
80'
SCALE IN FEET
ROW
ROW
ROW





NOTE:
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DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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PE _____ Date 4/22/16

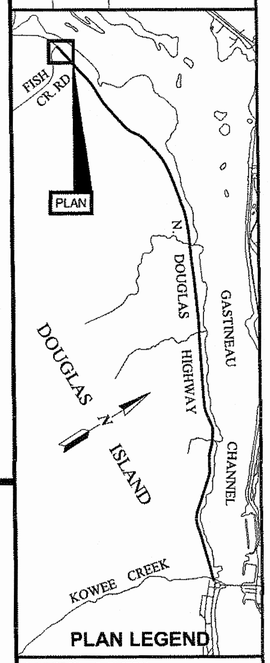
PATH: Q:\JNU\67531\PLANSET\67531_R1-R34_SIGN & STRIPE.DWG
GRANTHAM, RICK L (DOT)
TAB: R34 Saturday, September 07, 2013 2:08:40 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49TH
DAVID S. EPSTEIN
CE-6995
REGISTERED PROFESSIONAL ENGINEER
9.9.13

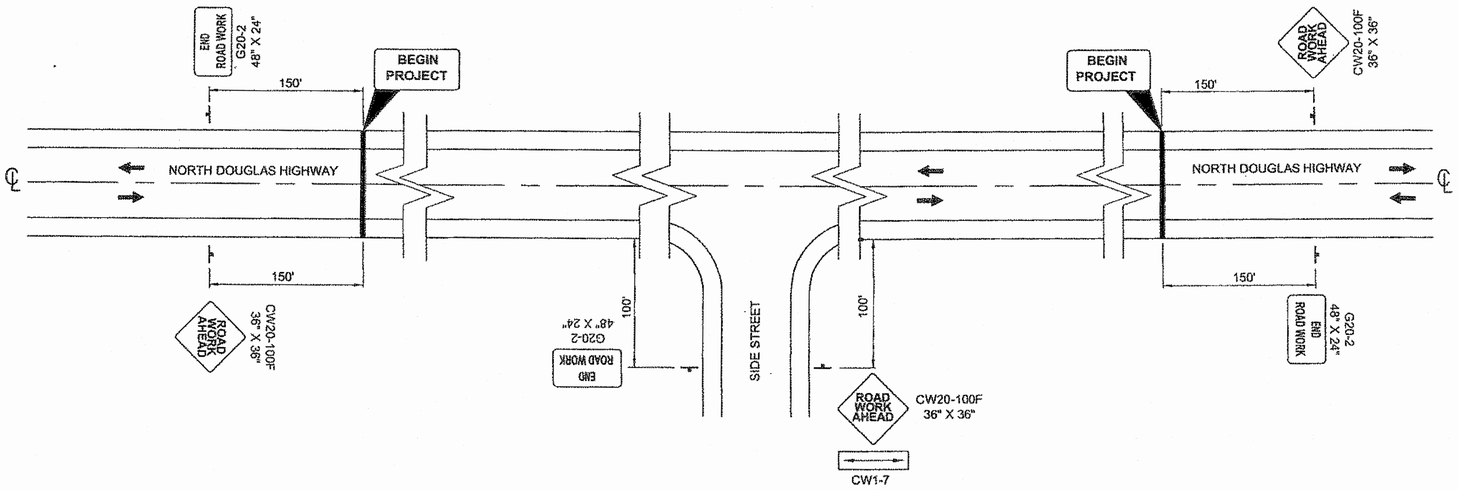
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HWY. PAVEMENT REHABILITATION ROUNDABOUT TO FISH CR. RD.
PROJECT #67531

SIGNING & STRIPING

PROJECT DESIGNATION	
CM-0959(020) ~ 67531	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R34	87



PERMANENT CONSTRUCTION SIGNING

N.T.S.

LEGEND

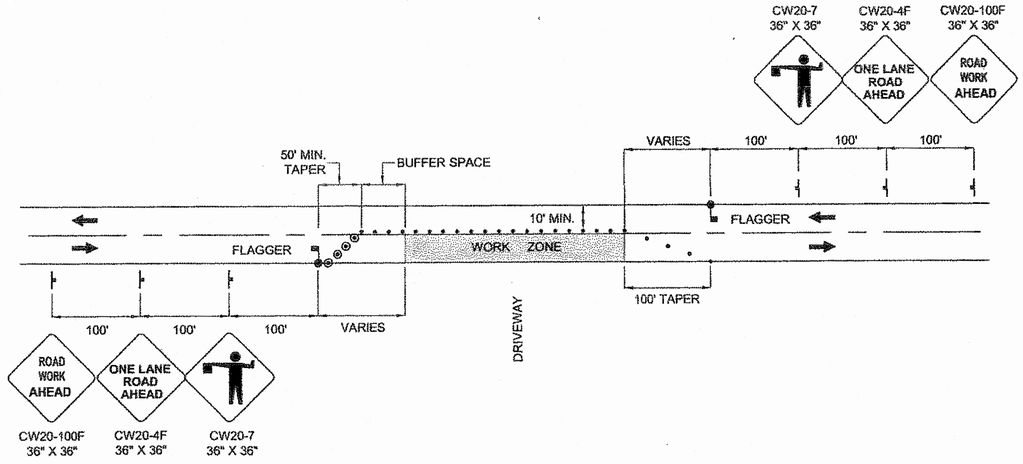
- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION

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
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	(FT)
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	50	100	425
55	550	605	660	11	12	13	55	110	495
60	600	660	720	11	12	13	60	120	570

TRAFFIC CONTROL NOTES:

1. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATION NOT COVERED BY THIS TCP SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
2. A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES IN WORK AREAS.
3. TWO LANES SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS IN NON-WORK AREAS AND DURING NON-WORKING HOURS.
4. DRIVING LANES SHALL BE A MINIMUM WIDTH OF 10'.
5. TRAFFIC DELAYS SHALL NOT EXCEED 10 MINUTES.
6. THE UNEVEN LANES (W8-11) SIGN SHOULD BE USED DURING OPERATIONS THAT CREATE A GREATER THAN 1" DIFFERENCE IN ELEVATION ON A VERTICAL OR NEAR-VERTICAL EDGE BETWEEN ADJACENT LANES THAT ARE OPEN TO TRAVEL.
7. FLAGGER STATIONS NEED TO BE ILLUMINATED AT NIGHT.
8. THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS/HER CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, GRINDING, PAVING AND CHANGES IN THE LANE CONFIGURATIONS.
9. FOR LOCATION OF DOUBLE TRAFFIC FINE SIGNS SEE ALASKA STANDARD DRAWING C-04.12.
10. FOR LOCATION OF PEDESTRIAN TRAFFIC CONTROL SIGNS SEE ALASKA STANDARD DRAWING C-03.10



TWO LANE ROADWAY-SINGLE LANE CLOSURE

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/22/16

CHECKED BY: D. EPSTEIN

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

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

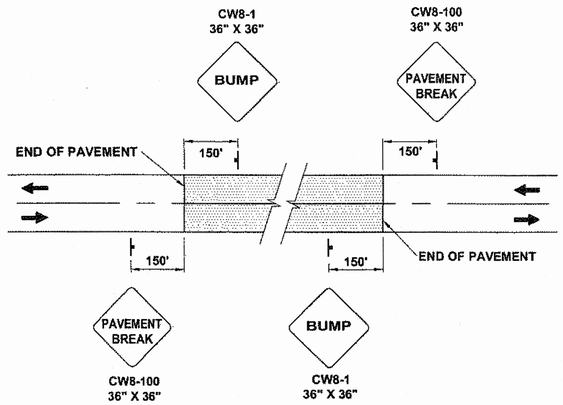
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

TRAFFIC CONTROL PLAN

PATH: Q:\JNU\67531\PLANSET\67531_S1-S2_TRAF CONTL PLANS.DWG
TAB: S1 Saturday, September 07, 2013 8:25:21 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020)~67531	2013	S1	87

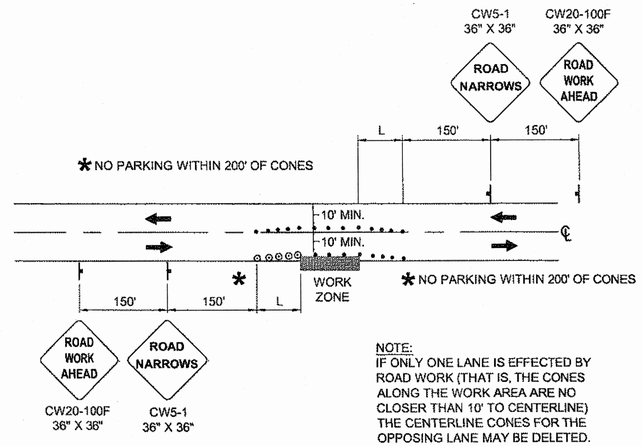


SIGNING FOR UNPAVED AREA

N.T.S.

LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION



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

ROADWAY ENCROACHMENT

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 _____ Date 4/22/16

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.

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: NORTH DOUGLAS HIGHWAY PAVEMENT REHABILITATION ROUNDABOUT TO FISH CREEK RD. PROJECT #67531

TRAFFIC CONTROL PLAN

PATH: Q:\JNU\67531\PLANSET\67531_S1-S2_TRAF CONTL PLANS.DWG
TAB: S2 Saturday, September 07, 2013 8:24:51 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			CM-0959(020)~67531	2013	S2	87