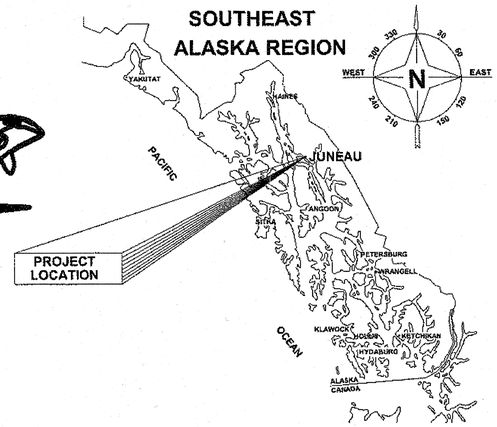
State of Alaska

Department of Transportation and Public Facilities Southeast Region

AS - BUILT

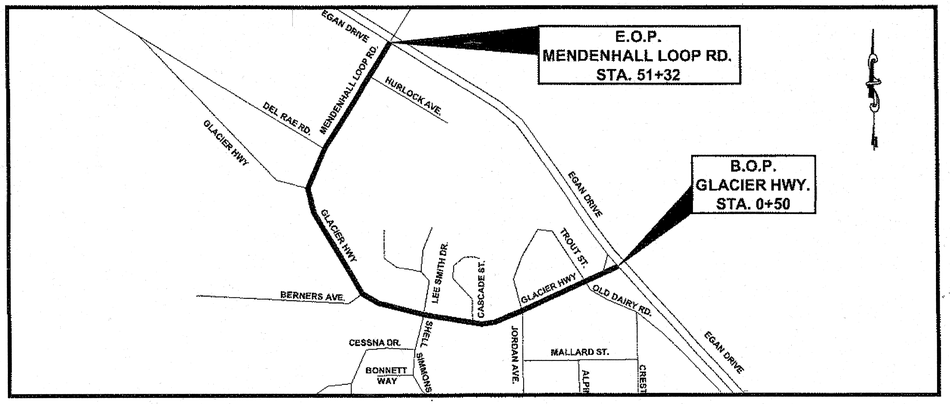
CONTRACTOR: SECON
PE: VAL BEAN
BEGIN DATE: APRIL 22, 2013
END DATE: SEPTEMBER 30, 2013



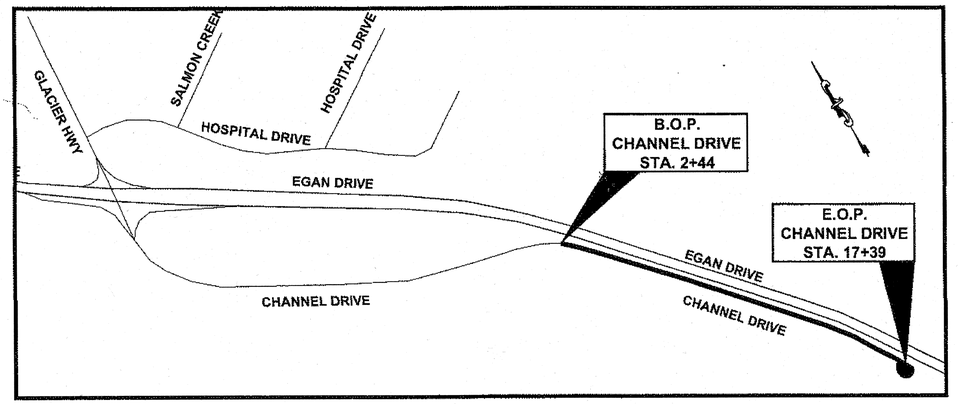


JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION

GLACIER HIGHWAY & CHANNEL DRIVE
PROJECT No. EAP-000S(813)~67432



VICINITY MAP (GLACIER HIGHWAY)



VICINITY MAP (CHANNEL DRIVE)

DESIGN DESIGNATION (GLACIER HWY)

A.D.T. 2010	=	12350
A.D.T. 2033	=	15520
D.H.V. (12%) 2033	=	1878
% T	=	5.7%
V	=	30 TO 35 M.P.H.
E.A.L.	=	1,300,000

PROJECT SUMMARY (GLACIER HWY)

LENGTH OF PROJECT	=	1.0 MILES
LENGTH OF RESURFACING	=	1.0 MILES
WIDTH OF RESURFACING	=	37' TO 76'

DESIGN DESIGNATION (CHANNEL DR.)

A.D.T. 2010	=	570
A.D.T. 2033	=	710
D.H.V. (12%) 2033	=	86
% T	=	5.7%
V	=	30 M.P.H.
E.A.L.	=	50,000

PROJECT SUMMARY (CHANNEL DR.)

LENGTH OF PROJECT	=	0.3 MILES
LENGTH OF RESURFACING	=	0.3 MILES
WIDTH OF RESURFACING	=	25' TO 28'

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	I-20.13	S-00.11	T-20.03
C-04.12	I-21.02	S-05.01	T-21.03
		S-23.00	T-22.03
		S-30.03	T-23.00

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 3/4/14

INDEX

SHEET NO.	DESCRIPTION
	GLACIER HIGHWAY
A1	TITLE SHEET
B1-B5	TYPICAL SECTIONS
C1-C4	ESTIMATE OF QUANTITIES
D1-D2	SIGN SUMMARY
F1-F13	PLAN SHEETS
J1-J5	MISC DETAILS
P1	EROSION AND SEDIMENT CONTROL DETAILS
R1-R12	SIGNING & STRIPING PLAN
S1-S2	TRAFFIC CONTROL PLAN
	CHANNEL DRIVE
B6	TYPICAL SECTIONS
C1-C4	ESTIMATE OF QUANTITIES
D3	SIGN SUMMARY
F14-F18	PLAN SHEETS
P1	EROSION AND SEDIMENT CONTROL DETAILS
R13-R16	SIGNING & STRIPING PLAN
S1-S2	TRAFFIC CONTROL PLAN

CDS MILE POINT GLACIER HIGHWAY	CDS ROUTE # 296331	START 0.000	END 1.004
CDS MILE POINT CHANNEL DRIVE	CDS ROUTE # 296217	START 0.438	END 0.721

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\A1_TITLE SHT.DWG TAB:A1
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PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49 TH KEITH D. KARSTETTER CE-12904 REGISTERED PROFESSIONAL ENGINEER
8/22/12

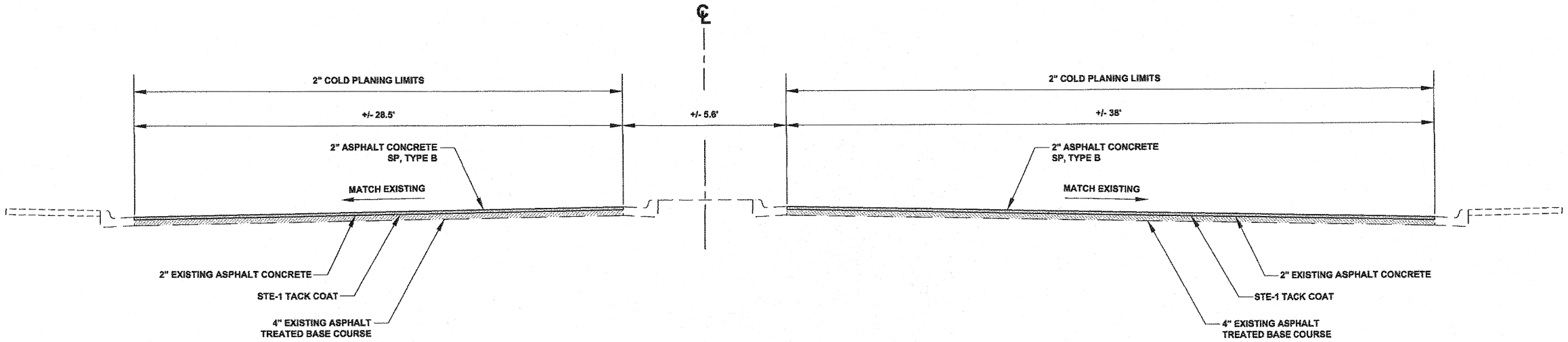
APPROVED: Chuck Correa 8/22/12
REGIONAL PRE-CONSTRUCTION ENGINEER CHUCK CORREA, P.E. DATE

APPROVED: for: Reuben Myatt 8/24/12
DIRECTOR, SOUTHEAST REGION ALBERT H. CLOUGH, CPG DATE

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

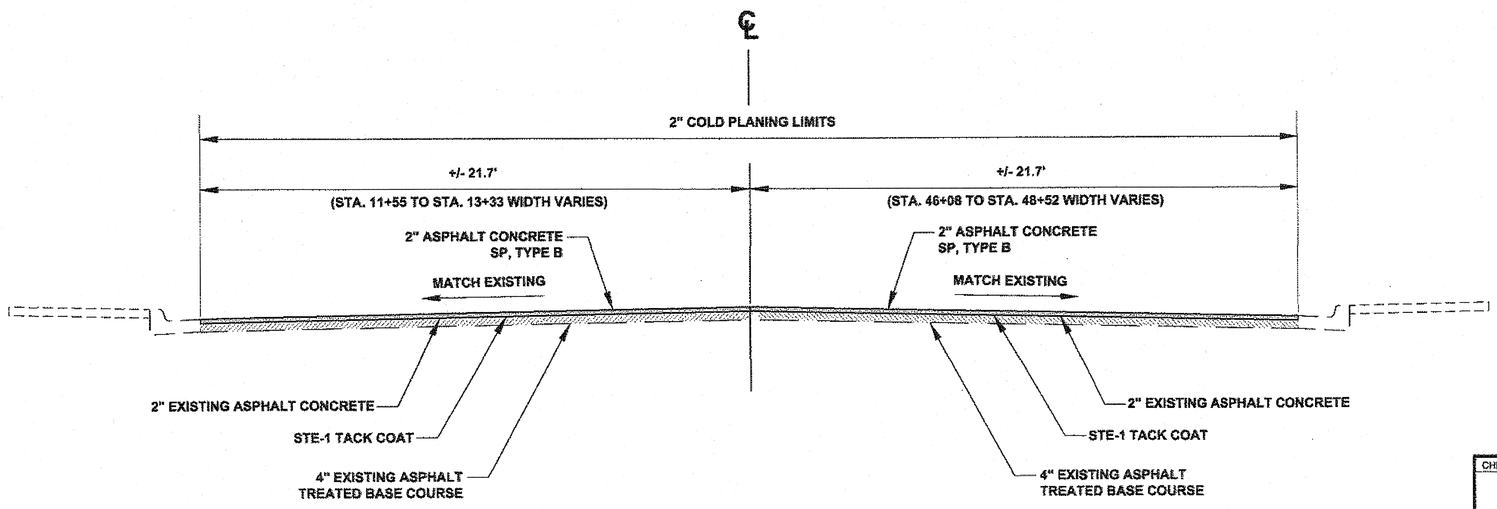
Doug Nash 3/4/14
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	EAP-000S(813) ~ 67432	2012	A1	56



INTERSECTION OF EGAN DR. & GLACIER HWY. (BOP) TO JORDAN AVENUE

STA. 0+50 (BOP) TO STA. 13+33
NTS



INTERSECTION JORDAN AVE. & GLACIER HWY. TO MENDENHALL LOOP RD.

STA. 13+33 TO STA. 46+08
NTS

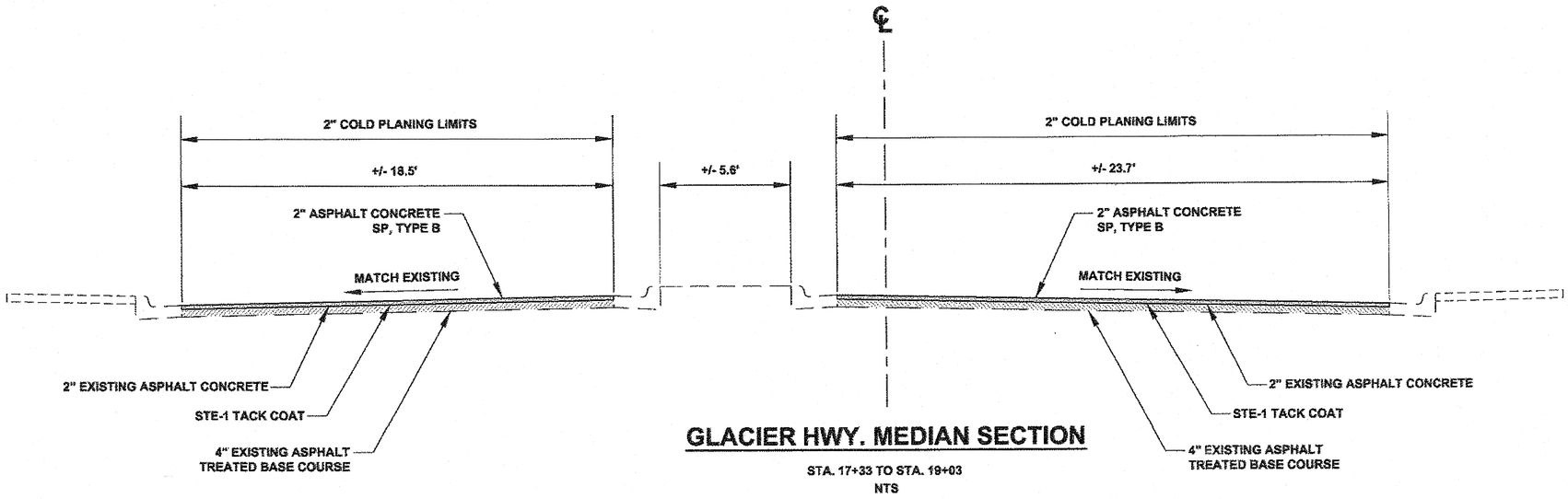
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION GLACIER HWY & CHANNEL DR PROJECT #67432
DRAWN BY: D. MULLINER	TYPICAL SECTIONS

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 8/16/12

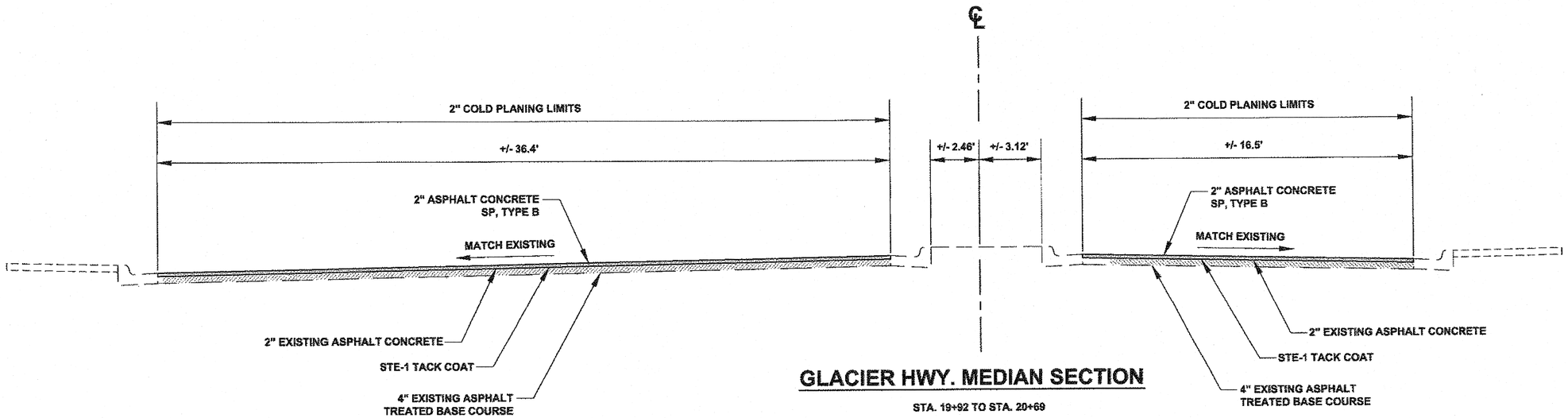
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TAB: B1 Thursday, August 16, 2012 11:40:42 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	B1	56



GLACIER HWY. MEDIAN SECTION

STA. 17+33 TO STA. 19+03
NTS



GLACIER HWY. MEDIAN SECTION

STA. 19+92 TO STA. 20+69
NTS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12984
REGISTERED PROFESSIONAL ENGINEER
5/16/12

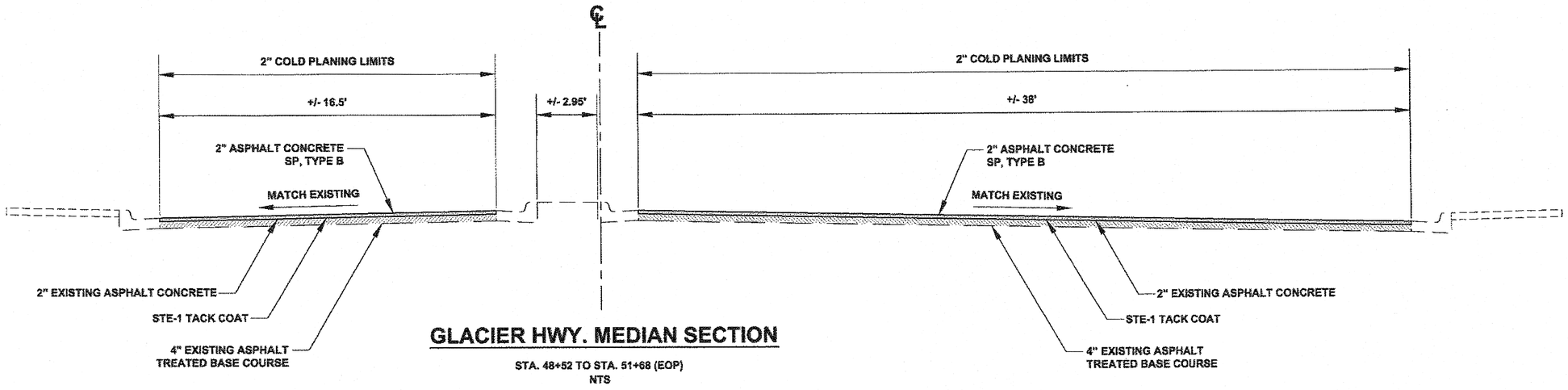
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

TYPICAL SECTIONS

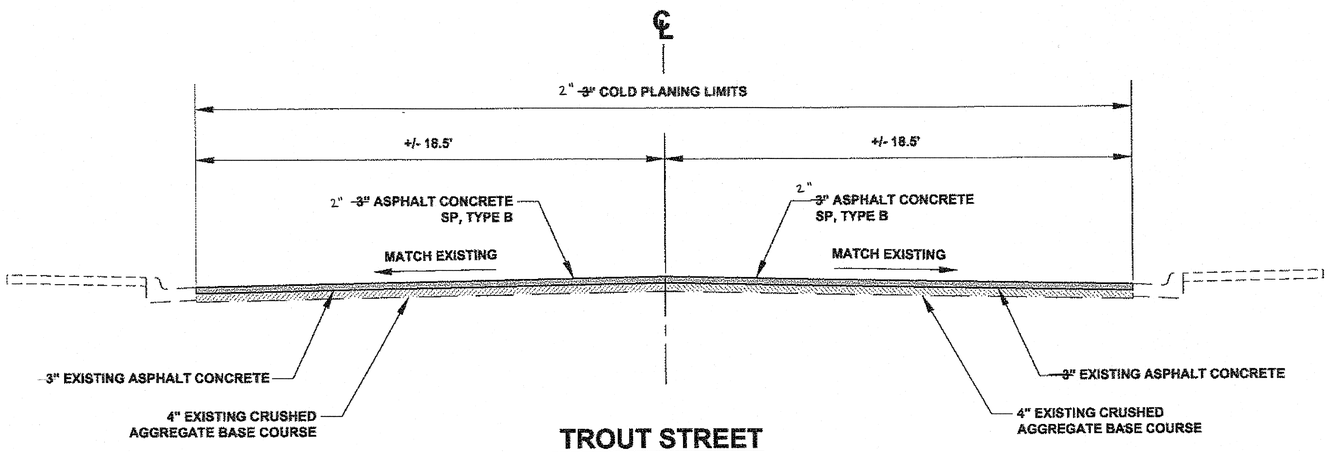
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NO.	DATE	DESCRIPTION				
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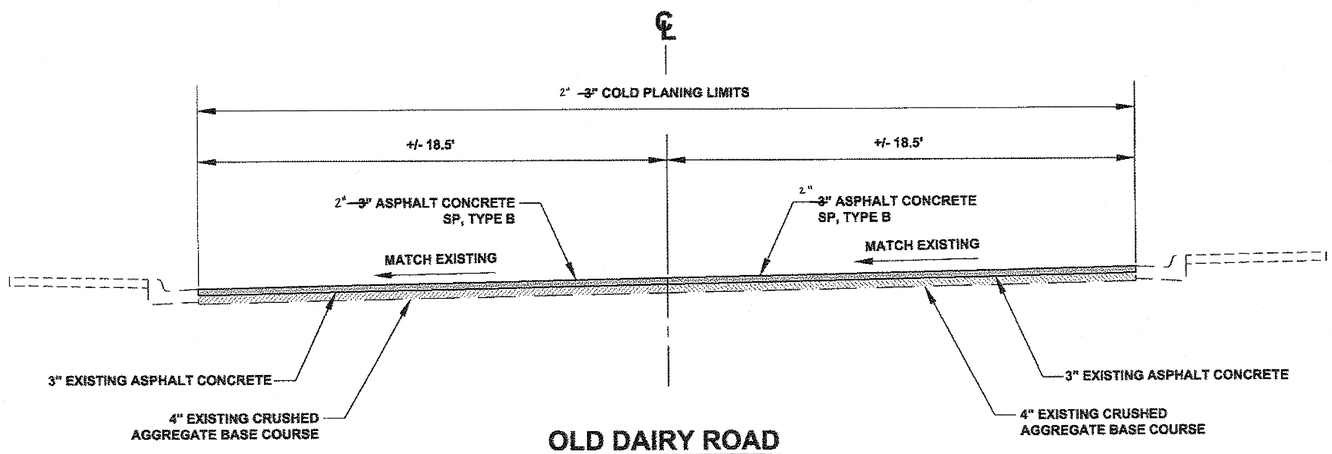
GLACIER HWY. MEDIAN SECTION

STA. 48+52 TO STA. 51+68 (EOP)
NTS



TROUT STREET

STA. 0+00 TO STA. 0+97 (EXISTING ASPHALT SEAM)
NTS



OLD DAIRY ROAD

STA. 0+00 TO STA. 2+38 (EXISTING ASPHALT SEAM)
NTS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/4/14

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

STATE OF ALASKA
KEITH B. KARPSTEIN 75
CE-12904
REGISTERED PROFESSIONAL ENGINEER
5/16/12

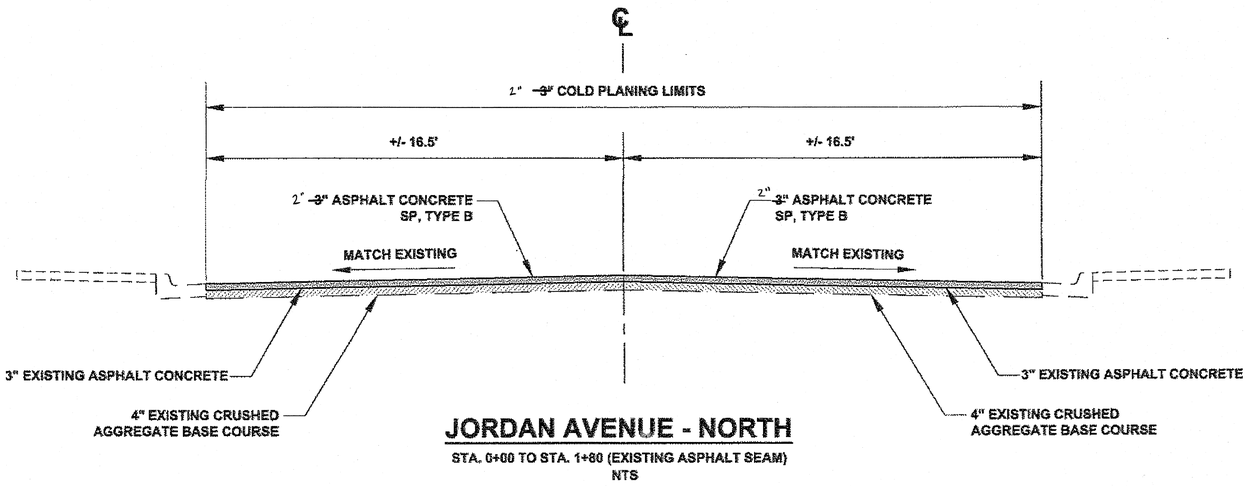
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION GLACIER HWY & CHANNEL DR PROJECT #67432

TYPICAL SECTIONS

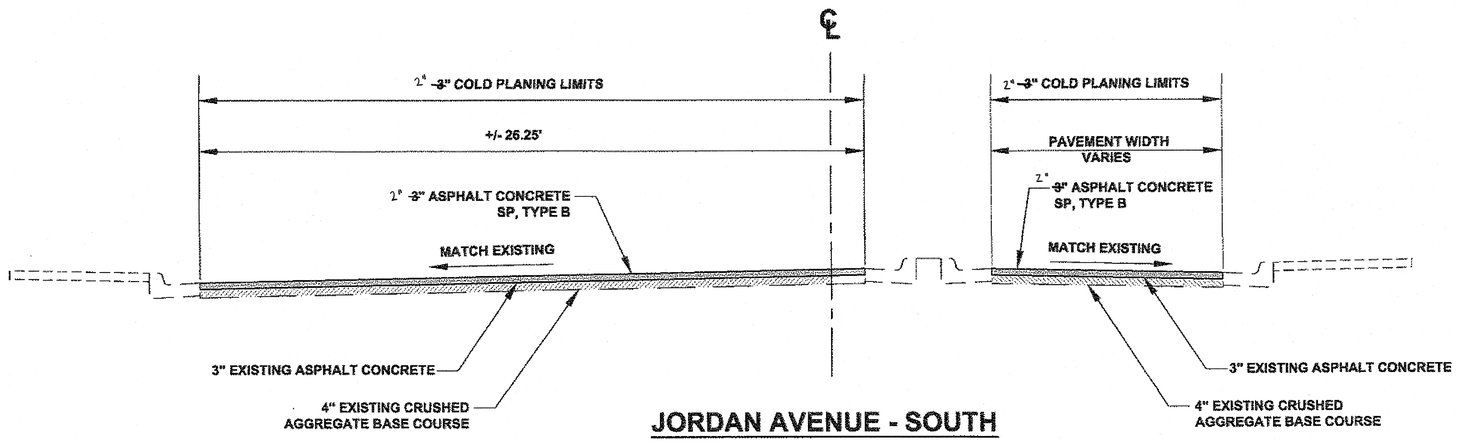
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TAB: B3 Thursday, August 16, 2012 11:40:57 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	B3	56



JORDAN AVENUE - NORTH

STA. 0+00 TO STA. 1+80 (EXISTING ASPHALT SEAM)
NTS



JORDAN AVENUE - SOUTH

STA. 0+00 TO STA. 2+06 (EXISTING ASPHALT SEAM)
NTS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/4/14

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

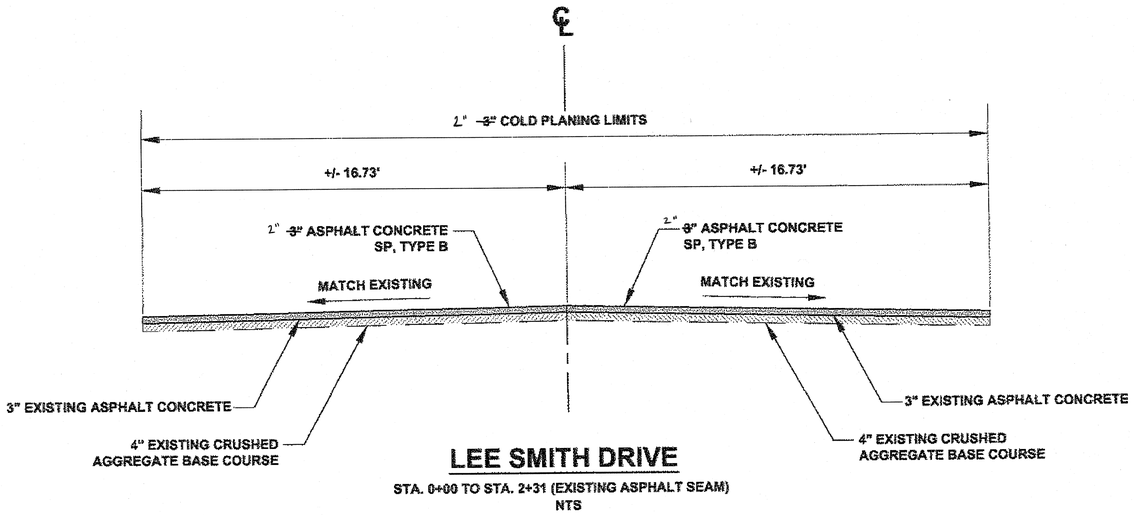
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

TYPICAL SECTIONS

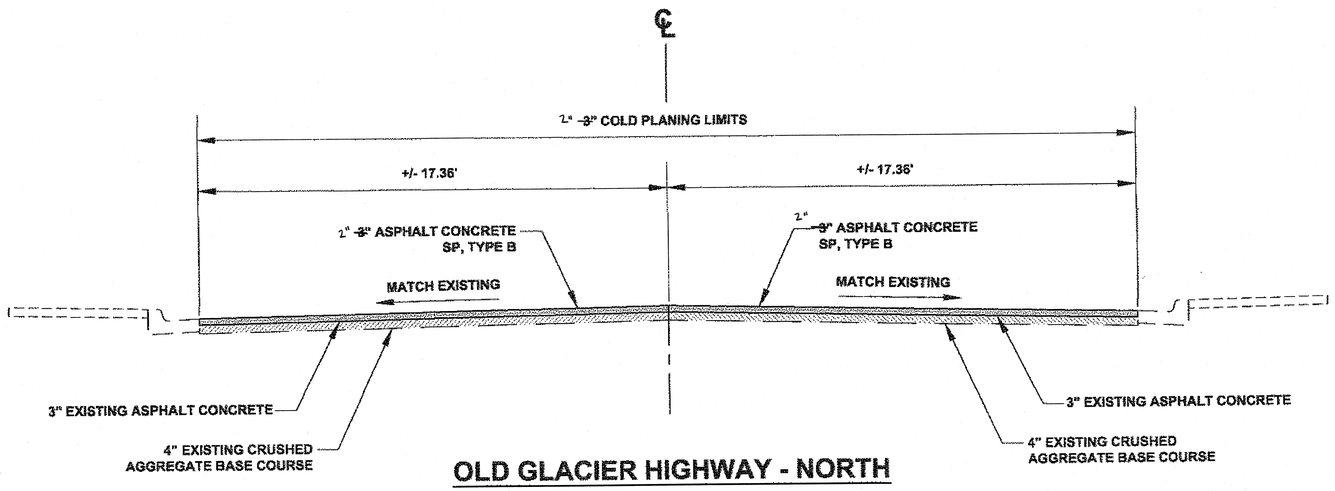
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TAB: B4 Thursday, August 16, 2012 11:41:06 AM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			EAP-000S(813)~67432	2012	B4	56



LEE SMITH DRIVE

STA. 0+00 TO STA. 2+31 (EXISTING ASPHALT SEAM)
NTS



OLD GLACIER HIGHWAY - NORTH

STA. 0+00 TO STA. 1+53 (EXISTING ASPHALT SEAM)
NTS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

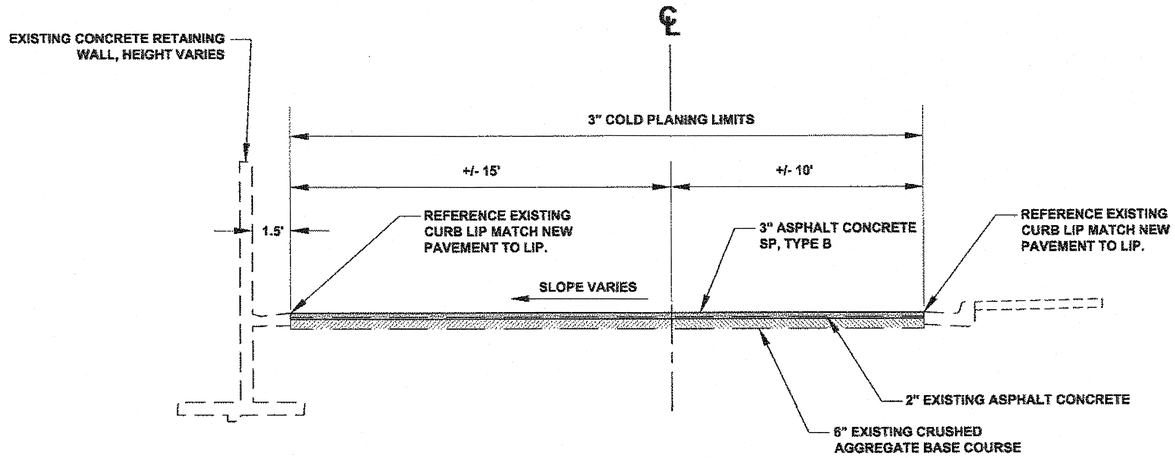
TYPICAL SECTIONS

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

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\B_TYPICAL_GLACIER HIGHWAY.DWG
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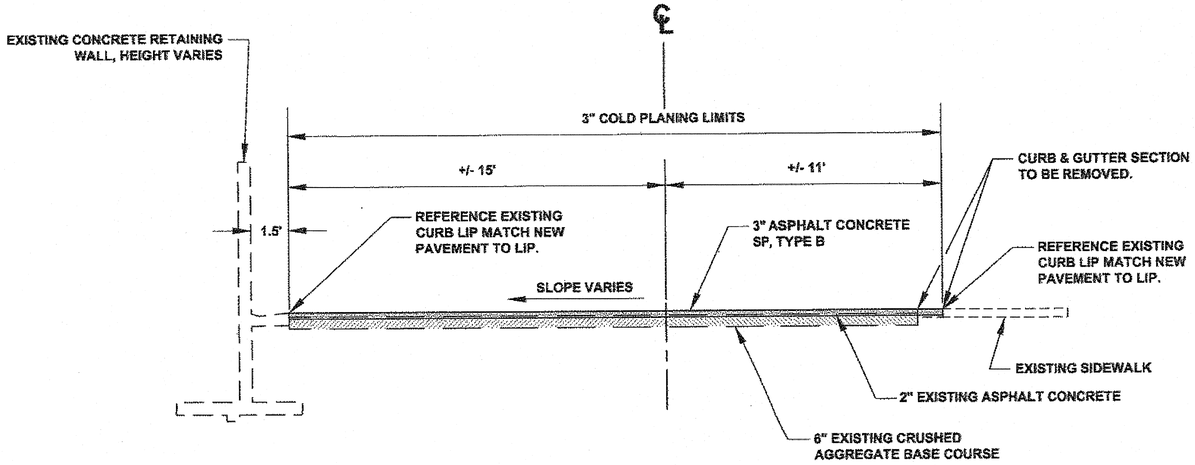
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			EAP-000S(813)~67432	2012	B5	56

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



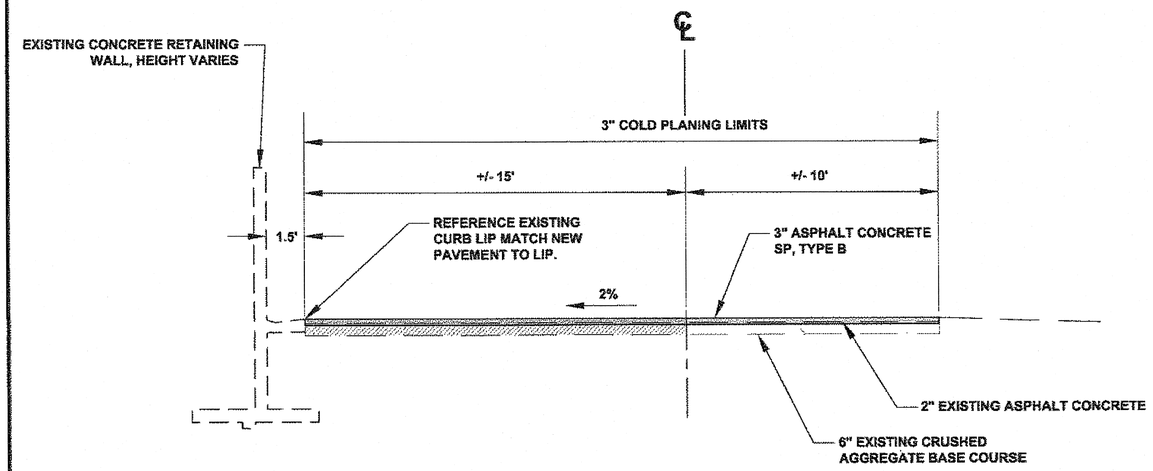
CHANNEL DRIVE

STA. 2+44 TO STA. 4+39
NTS



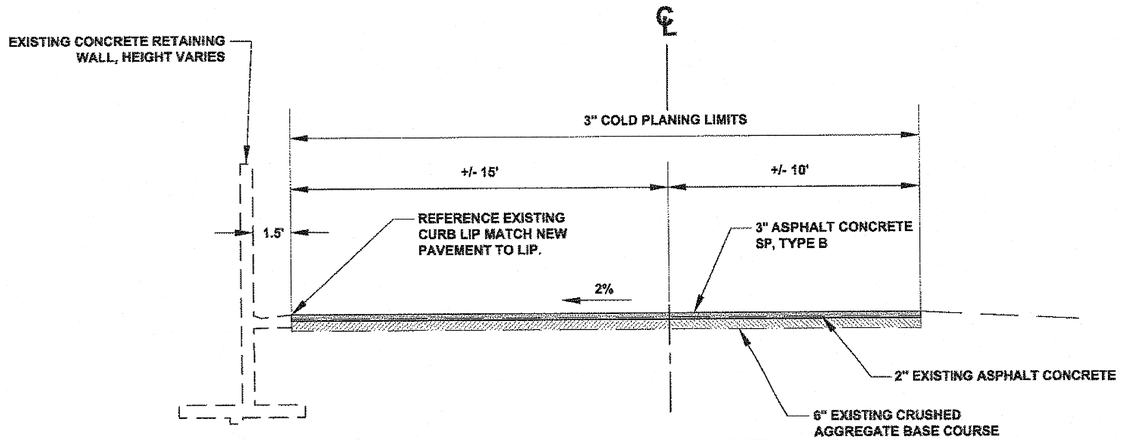
CHANNEL DRIVE

STA. 9+09 TO STA. 11+68
NTS



CHANNEL DRIVE

STA. 4+39 TO STA. 9+09
NTS



CHANNEL DRIVE

STA. 11+68 TO STA. 17+39 (EOP)
NTS

TYPICAL SECTION NOTES:

1. SCARIFY AND RECOMPACT EXISTING BASE COURSE AS DIRECTED BY ENGINEER. ADD WATER AS NECESSARY FOR PROPER COMPACTION.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

STATE OF ALASKA, 49th, KEITH B. KARPSTEIN, CE-12904, REGISTERED PROFESSIONAL ENGINEER
5/16/12

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

TYPICAL SECTIONS

PATH: G:\JNU\67432\EN\DOUG'S PLANSET\B_TYPICAL_GLACIER HIGHWAY.DWG
TAB: B6 Thursday, August 16, 2012 11:41:21 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	B6	56

ESTIMATE OF QUANTITIES (GLACIER HWY & CHANNEL DR)

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	~~222~~ 164
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	~~334~~ 117
301 (1)	AGGREGATE BASE COURSE, GRADING D1	TON	~~76~~ 113.23
401 (1)	ASPHALT CONCRETE, SP, TYPE B	TON	~~4850~~ 5397.26
401 (2)	ASPHALT CEMENT, GRADE 64-28	TON	~~291~~ 346.53
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	21
408 (1)	2" PAVEMENT COLD PLANING	SQUARE YARD	~~29600~~ 36318.50
408 (2)	3" PAVEMENT COLD PLANING	SQUARE YARD	~~9100~~ 5176.63
604 (4)	ADJUST EXISTING MANHOLE, ADDENDUM # 2	EACH	~~22~~ 21
604 (8)	ADJUST EXISTING INLET FRAME AND GRATE	EACH	1
604 9)	INLET GRATE REPLACEMENT	EACH	2
608 (1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	~~31~~ 0
608 (6)	CURB RAMP	EACH	~~43~~ 42
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	~~75~~ 91
615 (1)	STANDARD SIGN	SQUARE FOOT	~~325~~ 361.25
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	9
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 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642 (9)	REFERENCE EXISTING MONUMENT	EACH	7
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	~~7~~ 2
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 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED
670 (10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED
	NEW ITEMS ESTABLISHED BY CHANGE ORDER		
670 (10A)	ADDITIONAL METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED
	67587 SUNNY POINT INTERSECTION PAVEMENT REPAIR		
	NEW ITEMS ESTABLISHED BY SUPPLEMENTAL AGREEMENT 1		
401 (1)	ASPHALT CONCRETE, SP, TYPE B	TON	
401 (2)	ASPHALT CEMENT, PG 64-28	TON	
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	0
408 (1)	2" PAVEMENT COLD PLANING	SQUARE YARD	1155
632 (1)	PAVING FABRIC	SQUARE YARD	45.30
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
301 (1)	AGGREGATE BASE COURSE GRADING D-1	1.9 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)

67587 SUNNY POINT INTERSECTION PAVEMENT REPAIR			
NEW ITEMS ESTABLISHED BY SUPPLEMENTAL AGREEMENT 1 CONTINUED			
641 (3)	TEMPORARY EROSION, SEDIMENT POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT POLLUTION CONTROL ADD.	CONTINGENT SUM	ALL REQUIRED
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	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 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED

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	790-2525 EXT 35
WATER	CITY AND BOROUGH OF JUNEAU	DAVE CRABTREE	780-6808
CABLE	GCI	GREG FARMER	463-1434
AK DOT/PF	PD&E (TRAFFIC MANAGER)	DAVID EPSTEIN	465-4483

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 5/5/14

CHECKED BY: K. KARPSTEIN

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

5/27/12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION GLACIER HWY & CHANNEL DR PROJECT #67432

ESTIMATE OF QUANTITIES

PATH: Q:\JNU\67432\EN\DOUG'S PLANSETIC_SUMMARY.DWG
TAB: C1 Wednesday, August 22, 2012 4:03:46 PM KARPSTEIN, KEITH D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813) ~ 67432	2012	C1	56

202(3) REMOVAL OF SIDEWALK

GLACIER HWY/MENDENHALL LOOP RD

STATION	OFFSET	AREA (SY)	REMARKS
0+96	55' RT	4	RAMP #1
1+14	60' LT	4	RAMP #2
2+68	179' LT	4	RAMP #3
3+08	54' LT	4	RAMP #4
3+23	51' RT	4	RAMP #5
3+74	52' LT	4	RAMP #6
3+84	83' RT	4	RAMP #7
3+93	54' RT	4	RAMP #8
5+83	57' LT	4	RAMP #9
6+43	57' LT	4	RAMP #10
9+57	60' RT	4	RAMP #11
9+75	46' LT	4	RAMP #12
10+04	104' RT	4	RAMP #13
10+21	40' RT	4	RAMP #14
10+41	31' RT	4	RAMP #15
10+28	143' LT	4	RAMP #16
10+35	37' LT	6	RAMP #17 (NEW RAMP CONSTRUCTION)
10+39	32' LT	6	RAMP #18 (NEW RAMP CONSTRUCTION)
10+51	45' LT	6	RAMP #19 (NEW RAMP CONSTRUCTION)
10+73	116' LT	4	RAMP #20
10+74	54' LT	4	RAMP #21
14+61	43' RT	4	RAMP #22
14+65	27' LT	4	RAMP #23
15+12	39' RT	4	RAMP #24
15+43	26' LT	4	RAMP #25
16+65	27' RT	4	RAMP #26
16+92	35' LT	4	RAMP #27
17+41	27' RT	4	RAMP #28
17+42	35' LT	4	RAMP #29
19+05	39' RT	4	RAMP #30
19+08	41' LT	14	RAMP #31 (SEE DETAIL SHT. J3)
19+82	30' RT	14	RAMP #32 (SEE DETAIL SHT. J3)
25+16	35' LT	4	RAMP #33
25+73	37' LT	8	RAMP #34 (SEE DETAIL SHT. J2)
36+23	26' RT	9	RAMP #35
36+26	46' LT	4	RAMP #36
36+83	47' LT	4	RAMP #37
37+06	26' RT	4	RAMP #38
40+94	36' LT	4	RAMP #39
41+45	36' LT	4	RAMP #40
49+71	52' RT	4	RAMP #41
50+20	52' RT	4	RAMP #42
50+95	RT	6	REPLACE SIDEWALK SECTION (TWO ELECTRICAL VAULTS LOCATED IN THIS SECTION OF SIDEWALK)
51+21	LT	5	REPLACE SIDEWALK SECTION (TWO ELECTRICAL VAULTS LOCATED IN THIS SECTION OF SIDEWALK)
CHANNEL DRIVE			
2+44	RT	8	

202(9) REMOVAL OF CURB & GUTTER

OFFSET	STATION	LENGTH (LF)	REMARKS
GLACIER HWY/MENDENHALL LOOP RD			
LT	19+08	15	NEW RAMP CONSTRUCTION - SEE DETAIL SHT. J3 (SE COR. GLACIER HWY & SHELL SIMONS DR.)
RT	19+82	20	NEW RAMP LANDING AND SIDEWALK CONSTRUCTION - SEE DETAIL SHT. ~~J3~~ J4 (NW COR. GLACIER HWY & LEE SMITH DR) ADDENDUM # 2
LT	25+73	12	NW COR. GLACIER HWY & BERNERS AVE
RT	36+90	3	CURB TRANSITION FOR RAMP #38
CHANNEL DRIVE			
RT	2+44	25	
RT	9+09 TO 11+68	259	SAW CUT ALONG SIDEWALK AND REMOVE REMAINING CONCRETE GUTTER

604(4) ADJUST EXISTING MANHOLE

GLACIER HWY/MENDENHAL LOOP RD

STATION	OFFSET	REMARKS
3+51	54' RT	
9+86	60' RT	
10+03	21' LT	
10+11	21' LT	TELE MANHOLE
12+73	17' RT	
12+73	16' LT	TELE MANHOLE
14+79	19' RT	
17+31	20' LT	TELE MANHOLE
22+61	5' RT	
23+12	14' LT	TELE MANHOLE
24+17	4' RT	
~~25+31~~	~~13' LT~~	ADDENDUM # 2 ~~TELE MANHOLE~~ DELETE
25+97	4' RT	
28+61	4' RT	
29+50	14' LT	
31+43	8' RT	
49+94	47' RT	
CHANNEL DRIVE		
3+85	2' LT	
7+86	2' LT	
10+63	9' RT	POSSIBLE SEWER CLEAN OUT
11+77	5' LT	
14+52	5' LT	

604(8) ADJUST EXISTING INLET FRAME & GRATE

STATION	OFFSET	REMARKS
GLACIER HWY/MENDENHALL LOOP RD		
7+64 ~~8+64~~	27' RT	ADDENDUM # 2 CATCH BASIN FIELD GRATE

604(9) INLET GRATE REPLACEMENT

STATION	OFFSET	REMARKS
GLACIER HWY/MENDENHALL LOOP RD		
15+08	37.4' RT	ADA COMPIANT INLET GRATE (CASCADE ST.)
19+68	39' RT	ADA COMPIANT INLET GRATE (LEE SMITH DRIVE)

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/15/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

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

8/22/12

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER
PATH: C:\JNU\67432\EN\DOUG'S PLANSET\C_SUMMARY.DWG
TAB: C2 Wednesday, August 22, 2012 4:05:45 PM KARPSTEIN, KEITH D (DOT)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

ESTIMATE OF QUANTITIES

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813) ~ 67432	2012	C2	56

608(1A) CONCRETE SIDEWALK (4 INCH)

STATION FROM	STATION TO	OFFSET	LENGTH (FT)	AREA (SY)	REMARKS
GLACIER HIGHWAY					
10+34	10+52	LT	12	10	ISLAND LOCATED AT THE SW CORNER OF THE INTERSECTION OF GLACIER HWY. AND JORDAN AVE.
19+66	19+77	RT	15	10	
50+85	50+95	RT	10	6	REPLACE SIDEWALK SECTION (TWO ELECTRICAL VAULTS LOCATED IN THIS SECTION OF SIDEWALK)
51+18	51+24	LT	6	5	REPLACE SIDEWALK SECTION (TWO ELECTRICAL VAULTS LOCATED IN THIS SECTION OF SIDEWALK)

608(6) CURB RAMP

GLACIER HWY/MENDENHALL LOOP RD

RAMP #	STATION	OFFSET	REMARKS
1	0+96	55' RT	
2	1+14	60' LT	
3	2+68	179' LT	OLD DAIRY ROAD
4	3+08	54' LT	SE COR. GLACIER HWY & OLD DAIRY RD.
5	3+23	51' RT	NE COR. GLACIER HWY & TROUT ST.
6	3+74	52' LT	SW COR. GLACIER HWY & OLD DAIRY RD.
7	3+84	83' RT	TROUT STREET
8	3+93	54' RT	NW COR. GLACIER & TROUT ST.
9	5+83	57' LT	MALL ENTRANCE
10	6+43	57' LT	MALL ENTRANCE
11	9+57	60' RT	NE COR. GLACIER HWY & JORDAN AVE.
12	9+75	46' LT	SE COR. GLACIER HWY & JORDAN AVE.
13	10+04	104' RT	JORDAN AVE.
14	10+21	40' RT	NW COR. GLACIER HWY & JORDAN AVE.
15	10+41	31' RT	NW COR. GLACIER HWY & JORDAN AVE.
16	10+28	143' LT	JORDAN AVE.
17	10+35	37' LT	FALLS IN ISLAND (SW CORNER OF JORDAN AVE. & GLACIER HWY.) (NEW RAMP CONSTRUCTION)
18	10+39	32' LT	FALLS IN ISLAND (SW CORNER OF JORDAN AVE. & GLACIER HWY.) (NEW RAMP CONSTRUCTION)
19	10+51	45' LT	FALLS IN ISLAND (SW CORNER OF JORDAN AVE. & GLACIER HWY.) (NEW RAMP CONSTRUCTION)
20	10+73	116' LT	JORDAN AVE.

608(6) CURB RAMP

GLACIER HWY/MENDENHALL LOOP RD

RAMP #	STATION	OFFSET	REMARKS
21	10+74	54' LT	SW COR. GLACIER HWY & JORDAN AVE.
22	14+61	43' RT	NE COR. GLACIER HWY & CASCADE AVE.
23	14+65	27' LT	
24	15+12	39' RT	NW COR. GLACIER HWY & CASCADE AVE.
25	15+43	26' LT	
26	16+65	27' RT	
27	16+92	35' LT	
28	17+41	27' RT	
29	17+42	35' LT	
30	19+05	39' RT	NE COR. GLACIER HWY & LEE SMITH DR.
31	19+08	41' LT	(DOUBLE WIDE RAMP - SEE DETAIL SHT. J3) SE COR. GLACIER HWY & SHELL SIMMONS DR.
32	19+82	30' RT	(CONSTRUCT NEW RAMP LANDING AND END SIDEWALK SECTION - SEE DETAIL SHT. ~~J3~~ J4 ADDENDUM # 2) NW COR. GLACIER HWY & LEE SMITH DR.
33	25+16	35' LT	SE COR. GLACIER HWY & BERNERS AVE.
34	25+73	37' LT	SW COR. GLACIER HWY & BERNERS AVE.
35	36+23	26' RT	
36	36+26	46' LT	SW COR. MENDENHALL LOOP RD. & GLACIER HWY
37	36+83	47' LT	NW COR. MENDENHALL LOOP RD. & GLACIER HWY
38	37+06	26' RT	
39	40+94	36' LT	SW COR. MENDENHALL LOOP RD. & DEL RAE RD.
40	41+45	36' LT	NW COR. MENDENHALL LOOP RD. & DEL RAE RD.
41	49+71	52' RT	SE COR. MENDENHALL LOOP RD. & HURLOCK RD.
42	50+20	52' RT	NE COR. MENDENHALL LOOP RD. & HURLOCK RD.
CHANNEL DRIVE			
-	2+44	RT	NEW RAMP CONSTRUCTION

NOTE: ALL CURB RAMP LOCATIONS ARE LOCATED APPROXIMATELY ON THE PLAN SET. CONTRACTOR NOT TO MOVE RAMP LOCATIONS UNLESS SPECIFIED ON PLAN SET.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/5/14

CHECKED BY: K. KARPSTEIN
STATE OF ALASKA · 49th · K. KEITH D. KARPSTEIN · CE-12904 · REGISTERED PROFESSIONAL ENGINEER
5/22/12
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

ESTIMATE OF QUANTITIES

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\C_SUMMARY.DWG
TAB: C3 Wednesday, August 22, 2012 4:07:05 PM KARPSTEIN, KEITH D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813) ~ 67432	2012	C3	56

609(2) CURB & GUTTER			
OFFSET	STATION	LENGTH (LF)	REMARKS
GLACIER HWY/MENDENHALL LOOP RD			
LT	19+08	15	NEW RAMP CONSTRUCTION - SEE DETAIL SHT. J3 (SE COR. GLACIER HWY & SHELL SIMONS DR.)
RT	19+82	20	NEW RAMP LANDING AND SIDEWALK CONSTRUCTION - SEE DETAIL SHT. ~~J3~~ J4 (NW COR. GLACIER HWY & LEE SMITH DR) ADDENDUM #2
LT	25+73	12	SEE DETAIL SHEET J2 NW COR. GLACIER HWY & BERNERS AVE ADDENDUM #2
RT	36+90	3	CURB TRANSITION FOR RAMP #38
CHANNEL DRIVE			
RT	2+44	25	SEE DETAIL SHEET J2 ADDENDUM #2

642(9) REFERENCE EXISTING MONUMENT		
STATION	OFFSET	REMARKS
CHANNEL DRIVE		
2+57.16	CL MON	Located near plan centerline PT ADDENDUM #2
7+54	10.5' RT	3.5" ALUM MON
11+43	4.8' RT	3.5" ALUM MON
12+69	13' RT	3.5" ALUM MON
13+71	10.7' RT	WITNESS COR (2" ALUM MON)
14+68	12.2' RT	WITNESS COR (2" ALUM MON)
14+73	12.2' RT	3.5" ALUM MON

627(10) ADJUST VALVE BOX		
STATION	OFFSET	REMARKS
GLACIER HWY/MENDENHALL LOOP RD		
3+79	76' RT	
6+80	34' LT	
11+47	22' LT	
12+41	24' LT	
41+03	14' RT	
41+08	21' RT	
49+77	52' RT	
49+85	57' RT	
CHANNEL DRIVE		
14+61	10' RT	

642(11) ADJUST EXISTING MONUMENT CASE		
STATION	OFFSET	REMARKS
CHANNEL DRIVE		
2+57.16	CL MON	Located near plan centerline PT ADDENDUM #2
7+54	10.5' RT	3.5" ALUM MON
11+43	4.8' RT	3.5" ALUM MON
12+69	13' RT	3.5" ALUM MON
13+71	10.7' RT	WITNESS COR (2" ALUM MON)
14+68	12.2' RT	WITNESS COR (2" ALUM MON)
14+73	12.2' RT	3.5" ALUM MON

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/5/14

CHECKED BY: K. KARPSTEIN

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

8/22/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION GLACIER HWY & CHANNEL DR PROJECT #67432

ESTIMATE OF QUANTITIES

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\C_SUMMARY.DWG
TAB: C4 Wednesday, August 22, 2012 4:07:40 PM KARPSTEIN, KEITH D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813) ~ 67432	2012	C4	56

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
GLACIER HIGHWAY/MENDENHALL LOOP ROAD											
1	STOP	3+01	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
2	Glacier Hwy	3+01	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #1
3	Old Dairy Road	3+01	LT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #2
4	STOP	3+99	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
5	Glacier Hwy	3+99	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #4
6	Trout St	3+99	RT	D3-1	30	8	1.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #5
7	NO PARKING ANY TIME	4+27	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	EN/WB	
8	SPEED LIMIT 30	5+02	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	WB	
9	STOP	5+61	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
10	Glacier Hwy	5+61	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #9
11	RIGHT LANE MUST TURN RIGHT	6+37	RT	R3-7R	36	36	9.00	2.5 PST	4'-6"	WB	
12	STOP	7+22	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
13	NO LEFT TURN SYMBOL	7+22	RT	R3-2	30	30	6.25	-	-	NB	MOUNT BELOW SIGN #12
14	Jordan Creek	12+07	RT	I-3	48	36	12.00	(2) 2.5 PST	4'-6"	WB	
15	NO PARKING ANY TIME	12+07	RT	R7P-101	12	18	1.50	-	-	NB	MOUNT ON SIGN POST OF SIGN #14
16	Jordan Creek	14+04	LT	I-3	48	36	12.00	(2) 2.5 PST	4'-6"	EB/WB	SIGN POST STRADDLE STEEL RAIL
17	NO PARKING ANY TIME	14+04	LT	R7P-101	12	18	1.50	-	-	SB	MOUNT ON SIGN POST OF SIGN #16
18	STOP	14+80	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #18
19	Glacier Hwy	14+80	LT	D3-1	36	8	2.00	-	-	EB/WB	
20	STOP	15+20	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
21	Glacier Hwy	15+20	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #20
22	Cascade St	15+20	RT	D3-1	30	8	1.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #21
23	SPEED LIMIT 30	16+73	LT	R2-1	30	36	7.50	-	-	EB	MOUNT ON LIGHT POLE
24	AIRPORT SYMBOL	16+81	RT	I-5	30	30	6.25	2.5 PST	4'-6"	WB	
25	AIRPORT	16+81	RT	CUSTOM	24	6	1.00	-	-	WB	MOUNT BELOW SIGN #24
26	DIRECTIONAL ARROW SYMBOL	16+81	RT	D9-301	24	6	1.00	-	-	WB	MOUNT BELOW SIGN #25
27	STOP	17+00	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
28	Glacier Hwy	17+00	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #27
29	AIRPORT SYMBOL	21+65	LT	I-5	30	30	6.25	2.5 PST	4'-6"	EB	
30	AIRPORT	21+65	LT	CUSTOM	24	6	1.00	-	-	EB	MOUNT BELOW SIGN #29
31	DIRECTIONAL ARROW SYMBOL	21+65	LT	D9-301	24	6	1.00	-	-	EB	MOUNT BELOW SIGN #30
32	NO PARKING ANY TIME	22+46	RT	R7P-101	12	18	1.50	-	-	NB	
33	STOP	24+02	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
34	Glacier Hwy	24+02	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #33

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

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

8.24.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

SIGN SUMMARY

PATH: C:\JNU\67432\EN\DOUG'S PLANSET\D_SIGN SUMMARY.DWG
TAB: D1 Friday, August 24, 2012 2:13:53 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	D1	56

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
GLACIER HIGHWAY/MENDENHALL LOOP ROAD											
35	STOP	25+07	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
36	Glacier Hwy	25+07	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #35
37	Berners Ave	25+07	LT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #36
38	SPEED LIMIT 20	25+71	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
39	CENTER LANE TWLTL ONLY (ARROWS)	26+53	RT	R3-9B	24	36	6.00	-	-	WB	MOUNT ON LIGHT POLE
40	BEGIN	26+53	RT	M4-100	24	6	1.00	-	-	WB	MOUNT ON LIGHT POLE ABOVE SIGN #39
41	NO PARKING ANY TIME	26+53	RT	R7P-101	12	18	1.50	-	-	NB	MOUNT ON LIGHT POLE
42	CENTER LANE TWLTL ONLY (ARROWS)	27+50	LT	R3-9B	24	36	6.00	-	-	EB	MOUNT ON LIGHT POLE
43	END	27+50	LT	M4-101	24	6	1.00	-	-	EB	MOUNT ON LIGHT POLE ABOVE SIGN #42
44	STOP	28+18	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
45	Glacier Hwy	28+18	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #44
46	SPEED LIMIT 30	29+73	RT	R2-1	30	36	7.50	-	-	WB	MOUNT ON LIGHT POLE
47	CENTER LANE TWLTL ONLY (ARROWS)	33+15	RT	R3-9B	24	36	6.00	-	-	EB	MOUNT ON LIGHT POLE
48	END	33+15	RT	M4-101	24	6	1.00	-	-	EB	MOUNT ON LIGHT POLE ABOVE SIGN #47
49	CENTER LANE TWLTL ONLY (ARROWS)	34+26	LT	R3-9B	24	36	6.00	2.5 PST	4'-6"	EB	
50	BEGIN	34+26	LT	M4-100	24	6	1.00	-	-	EB	MOUNT ABOVE SIGN #49
51	NO PARKING ANY TIME	35+10	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	EB	
52	NO PARKING ANY TIME	35+55	RT	R7P-101	12	18	1.50	-	-	WB	MOUNT ON LIGHT POLE
53	GLACIER VALLEY ROTARY HELPING DUCK CREEK	35+84	LT	-	-	-	-	-	-	-	SIGN TO REMAIN
54	DUCK CREEK	36+12	LT	I-3	42	36	10.50	(2) 2.5 PST	4'-6"	WB	
55	STOP	36+22	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
56	Glacier Hwy	36+22	LT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #53
57	Mendenhall Lp Rd	36+22	LT	D3-1	48	8	2.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #54
58	STOP	36+94	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
59	Mendenhall Lp Rd	36+94	RT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #56
60	SPEED LIMIT 35	40+12	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	NB	
61	SPEED LIMIT 30	40+12	LT	R2-1	30	36	7.50	-	-	SB	MOUNT ON LIGHT POLE
62	ADOPT A HIGHWAY LITTER CONTROL JUNEAU RAINBOW GIRLS	40+60	LT	-	-	-	-	-	-	-	SIGN TO REMAIN
63	STOP	40+85	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
64	Mendenhall Lp Rd	40+85	LT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #63
65	Del Rae Rd	40+85	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #64
66	NO PARKING ANY TIME	48+36	LT	R7P-101	12	18	1.50	-	-	WB	MOUNT ON LIGHT POLE
67	NO U TURN SYMBOL	48+60	CL	R3-4	30	30	6.25	2.5 PST	4'-6"	SB	SIGN FALLS IN MEDIAN
68	NO U TURN	48+60	CL	-	-	-	-	-	-	SB	SIGN TO REMAIN MOUNT BELOW SIGN #67
69	NO PARKING ANY TIME	48+62	RT	R7P-101	12	18	1.50	-	-	EB	
70	SPEED LIMIT 35	49+56	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	SB	MOUNT ON LIGHT POLE
71	NO LEFT TURN SYMBOL	50+01	CL	R3-2	30	30	6.25	2.5 PST	4'-6"	WB	SIGN FALLS IN MEDIAN
72	STOP	50+22	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
73	Mendenhall Lp Rd	50+22	RT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #72
74	Hurlock Ave	50+22	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #73
75	ADOPT A HIGHWAY LITTER CONTROL	51+00	LT	-	-	-	-	-	-	-	SIGN TO REMAIN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

SIGN SUMMARY

STATE OF ALASKA · 49th · DAVID B. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER 8.24.12

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

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\D_SIGN SUMMARY.DWG
TAB: D2 Friday, August 24, 2012 2:14:06 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	D2	56

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
	CHANNEL DRIVE										
1	NO PARKING ON OR WITHIN 4 FEET OF PAVEMENT	12+62	RT	R7P-CUSTOM	30	36	7.50	2.5 PST	4'-6"	SB	
2	NO PARKING ON OR WITHIN 4 FEET OF PAVEMENT	14+63	RT	R7P-CUSTOM	30	36	7.50	2.5 PST	4'-6"	SB	
3	NO PARKING ON OR WITHIN 4 FEET OF PAVEMENT	16+42	RT	R7P-CUSTOM	30	36	7.50	2.5 PST	4'-6"	SB	
4	END	EOP	EOP	W14-100	30	30	6.25	2.5 PST	4'-6"	SB	
5	NINE BUTTON OBJECT MARKER TYPE 4	EOP	EOP	OM4-1	18	18	2.25	-	-	SB	MOUNT UNDER SIGN #4

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
8.20.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

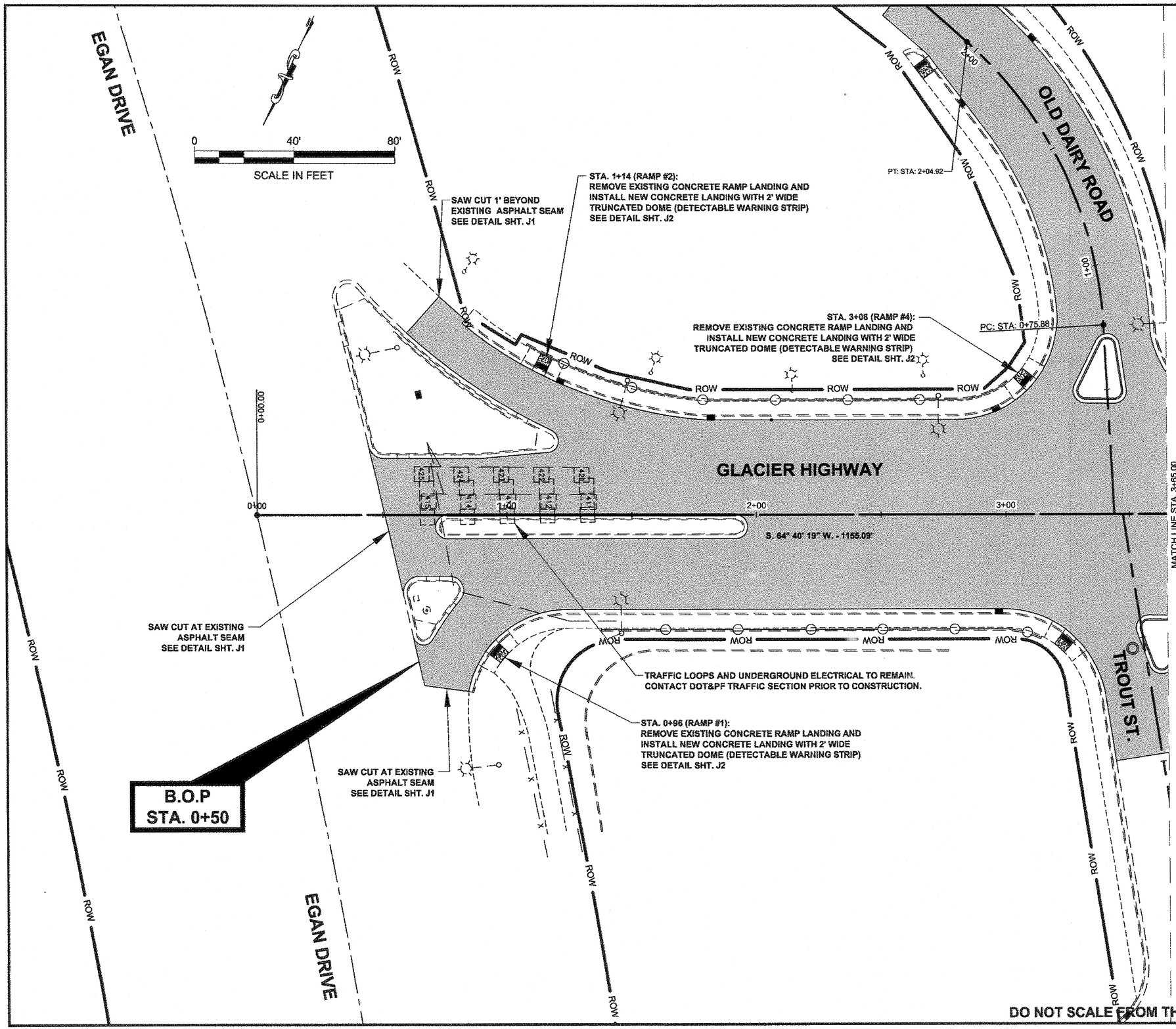
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

SIGN SUMMARY

PATH: Q:\JNU\67432\ENG\DOUG'S PLANSET\D_SIGN SUMMARY.DWG
TAB: D3 Monday, August 20, 2012 11:13:25 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	D3	56



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

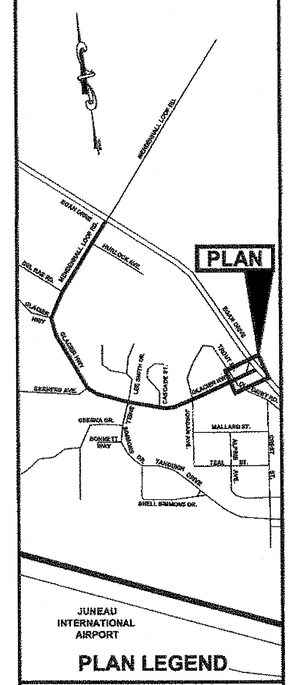
TAB: F1 Thursday, August 16, 2012 11:37:22 AM

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 8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F1	56

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG
MULLINER, DOUGLAS J (DOT)
TAB: F2 Thuraday, August 16, 2012 11:37:3[illegible] AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 40' 80'
SCALE IN FEET

CENTER LINE CURVE DATA
R = 164.04'
Δ = 45-04-18
L = 129.04'
T = 68.07'

STA. 3+23 (RAMP #5):
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

STA. 0+98:
SAW CUT 1' BEYOND EXISTING ASPHALT SEAM
SEE DETAIL SHT. J1

STA. 2+39:
SAW CUT 1' BEYOND EXISTING ASPHALT SEAM
SEE DETAIL SHT. J1

STA. 2+68 (RAMP #3):
REMOVE EXISTING CONCRETE RAMP AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J3

GLACIER HIGHWAY

TROUT ST.

OLD DAIRY ROAD

N. 34° 09' 47" W. - 205.84'

S. 64° 40' 19" W. - 1155.09'

S. 28° 24' 18" E. - 75.88'

S. 73° 26' 36" E.

PT: STA: 2+04.92

PC: STA: 0+76.88

S64°41'18"W-142.72'

STA:5+61.48
OFF:50.08LT

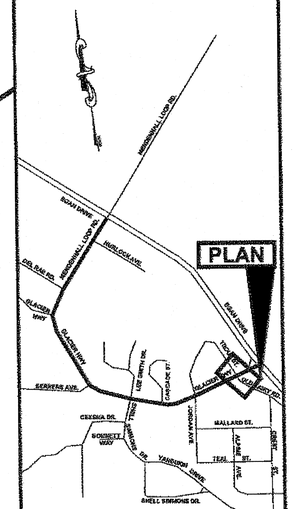
NOT FOUND

TROUT STREET TRAFFIC ISLAND AND STRIPING TO BE CONSTRUCTED UNDER PROJECT # 67992

EXISTING DOT / PF EASEMENT

OLD DAIRY ROAD TRAFFIC ISLAND AND STRIPING TO BE CONSTRUCTED UNDER PROJECT # 67992

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
PROFESSIONAL ENGINEER
8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

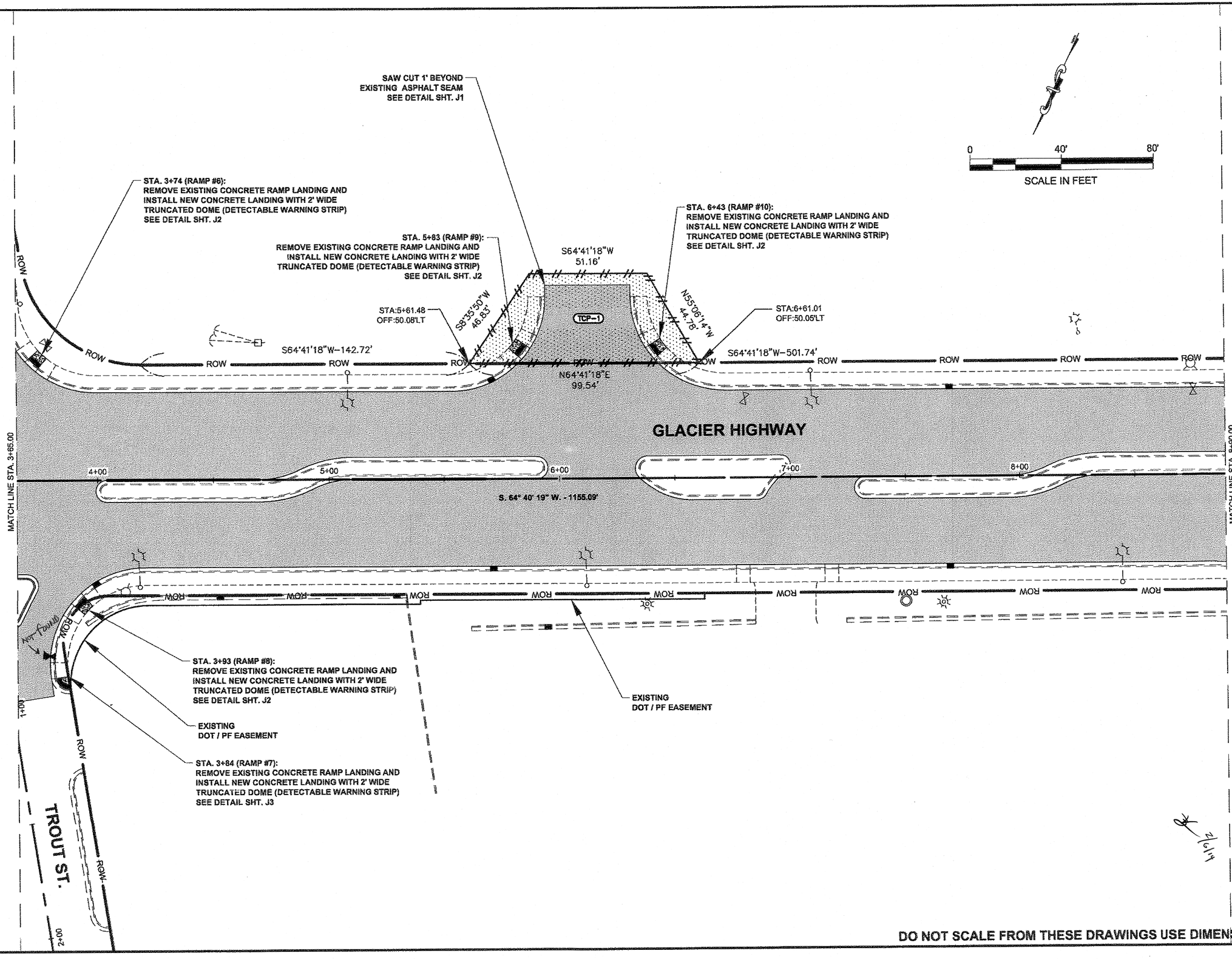
JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION
EAP-000S(813) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F2	56

3/6/14



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

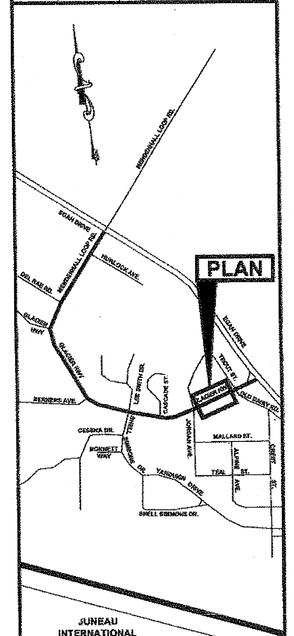
TAB: F3 Thursday, August 16, 2012 11:37:40 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

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

8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F3	56

N89°35'42"E 12.04'

N0°24'18"W 47.34'

S0°24'18"E 41.37'

TCP-1A

NOTE:
DUE TO A DRAINAGE ISSUE OF THIS DRIVEWAY ENTRANCE CONTRACTOR TO PAVED ENTRANCE TO ENSURE DRAINAGE.

STA. 10+28 (RAMP #16):
REMOVE EXISTING CONCRETE RAMP AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J3

S89°34'46"W 5.04'

S89°35'42"W 7.00'

S0°24'18"E 5.97'

TRAFFIC LOOPS AND UNDERGROUND ELECTRICAL TO REMAIN.
CONTACT DOT&PF TRAFFIC SECTION PRIOR TO CONSTRUCTION.

N0°24'18"W 66.47'

STA. 9+75 (RAMP #12):
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

TRAFFIC LOOPS AND UNDERGROUND ELECTRICAL TO REMAIN.
CONTACT DOT&PF TRAFFIC SECTION PRIOR TO CONSTRUCTION.

JORDAN AVE.

S. 00° 00' 39" E.

STA. 2+07:
SAW CUT 1' BEYOND EXISTING ASPHALT SEAM
SEE DETAIL SHT. J1

STA. 10+73 (RAMP #20):
REMOVE EXISTING CONCRETE RAMP AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J3

EXISTING
DOT / PF EASEMENT

STA. 10+35, 10+39 & 10+51 (RAMPS #17, 18 & 19):
CONSTRUCT NEW RAMPS
SEE DETAIL SHT. J2

TRAFFIC LOOPS AND UNDERGROUND ELECTRICAL TO REMAIN.
CONTACT DOT&PF TRAFFIC SECTION PRIOR TO CONSTRUCTION.

STA. 10+74 (RAMP #21):
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

PC: STA: 1+58.00

GLACIER HIGHWAY

JORDAN CR.

0 40' 80'
SCALE IN FEET

MATCH LINE STA. 8+90.00

MATCH LINE STA. 14+15.00

S. 64° 40' 19" W. - 1155.09'

N. 15° 26' 58" W. - 104.16'

STA. 10+21 & 10+41 (RAMPS #14 & 15):
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

EXISTING
DOT / PF EASEMENT

STA. 10+04 (RAMP #13):
REMOVE EXISTING CONCRETE RAMP AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J3

PI: STA: 1+04.16

STA. 9+57 (RAMP #11):
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

TRAFFIC LOOPS AND UNDERGROUND ELECTRICAL TO REMAIN.
CONTACT DOT&PF TRAFFIC SECTION PRIOR TO CONSTRUCTION.

N. 11° 35' 53" W.

JORDAN AVE.

STA. 1+81:
SAW CUT 1' BEYOND EXISTING ASPHALT SEAM
SEE DETAIL SHT. J1

CENTER LINE CURVE DATA
R = 574.15'
Δ = 38-05-20
L = 381.68'
T = 198.19'

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)
TAB: F4 Thursday, August 16, 2012 11:37:52 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN

JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KENT C. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER
8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

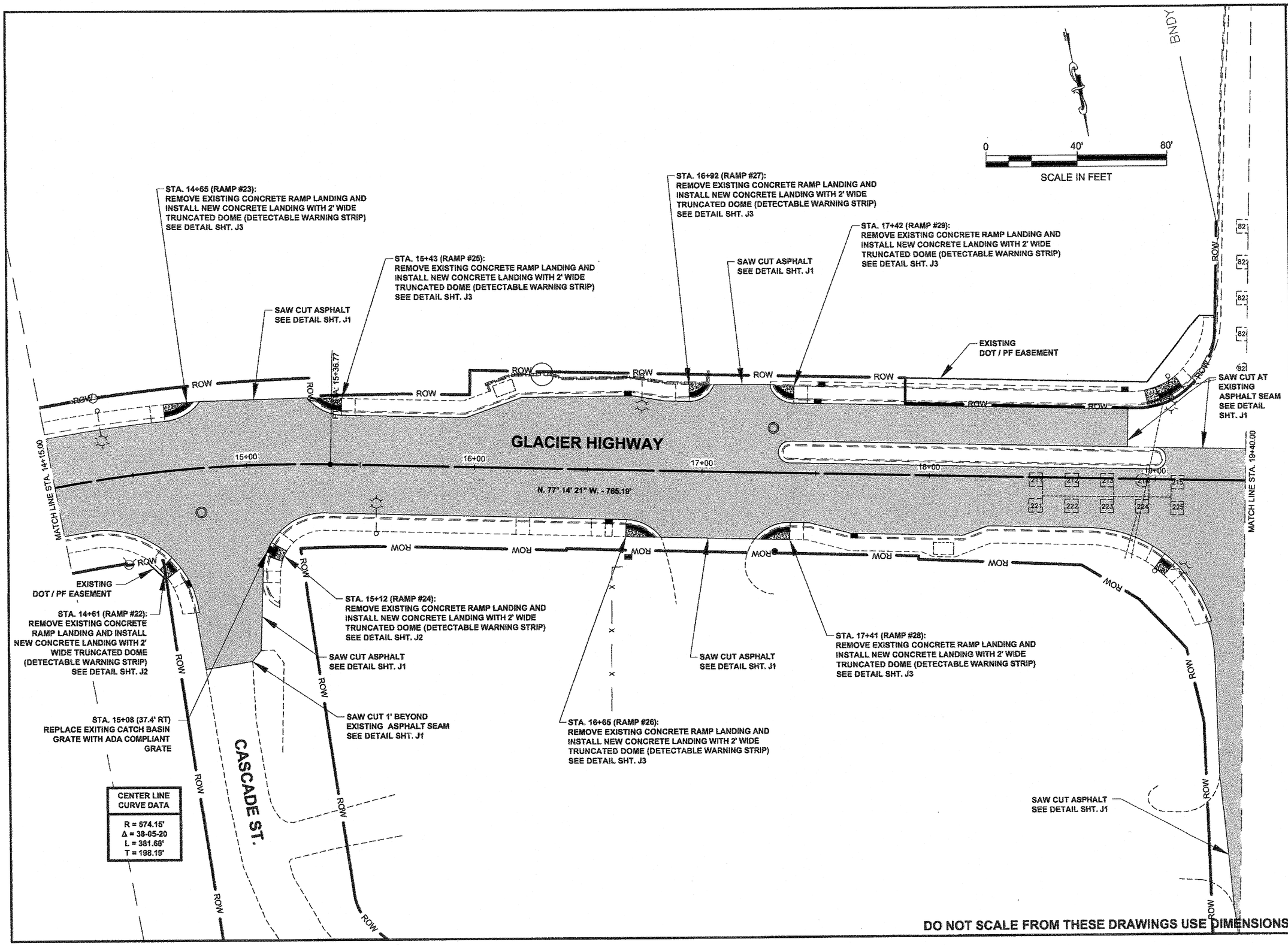
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION
EAP-000S(813) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F4	56



PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

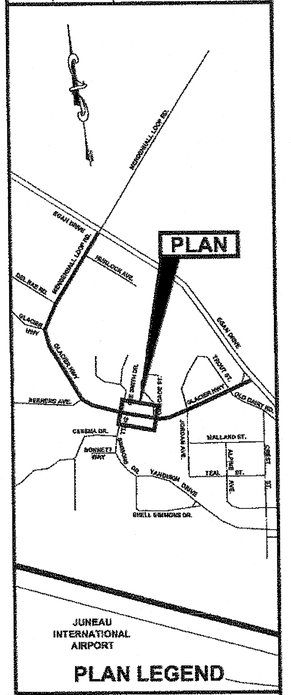
TAB: F5 Thursday, August 16, 2012 11:38:03 AM

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
3/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

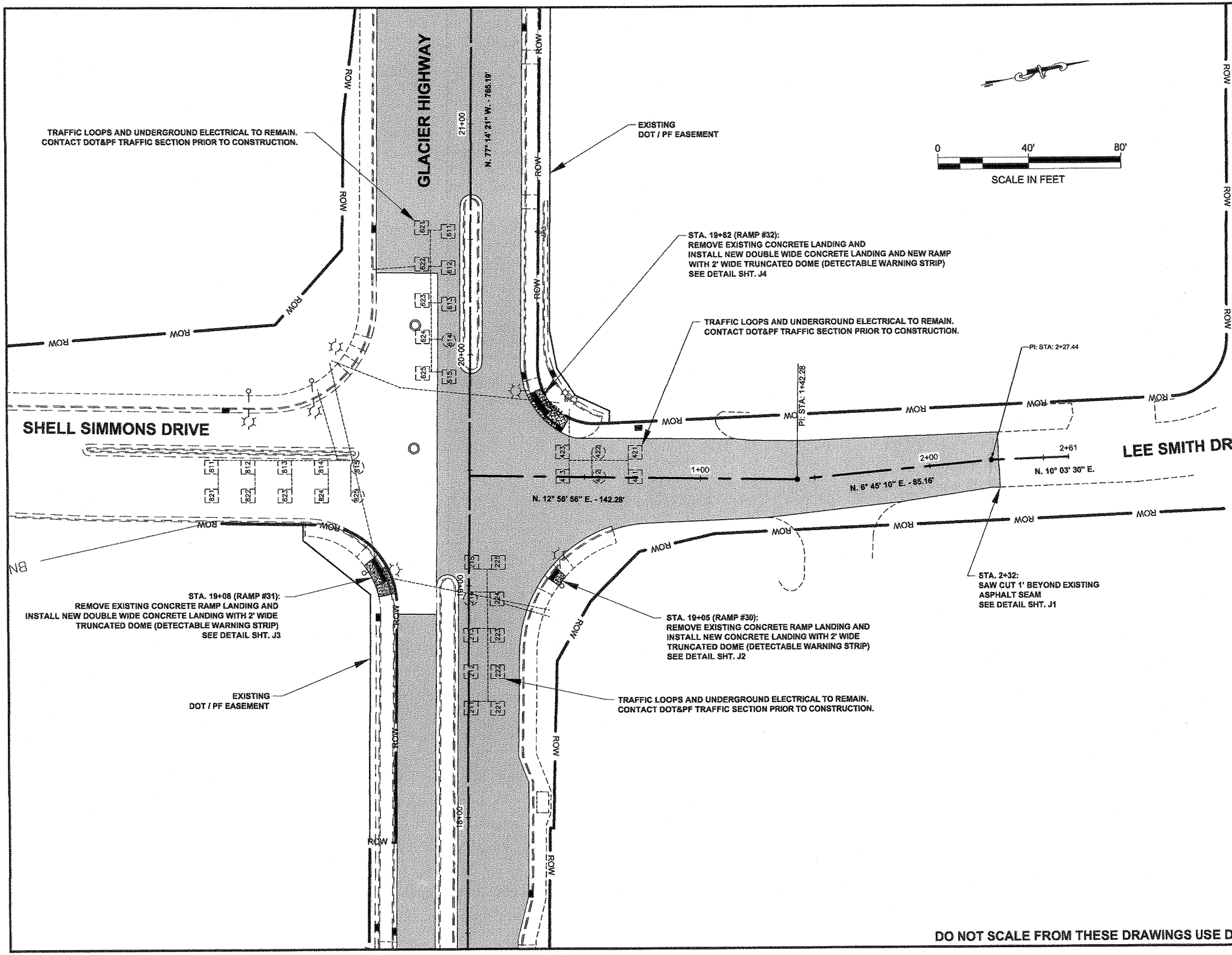
JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION

EAP-000S(813) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F5	56



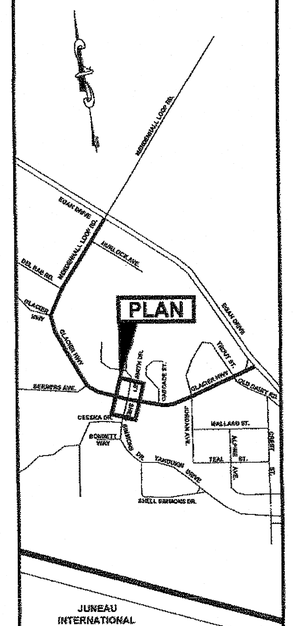
PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG
MULLINER, DOUGLAS J (DOT)
TAB: F6 Thursday, August 16, 2012 11:38:14 AM

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
5/16/12

DESIGNED BY: D. MULLINER

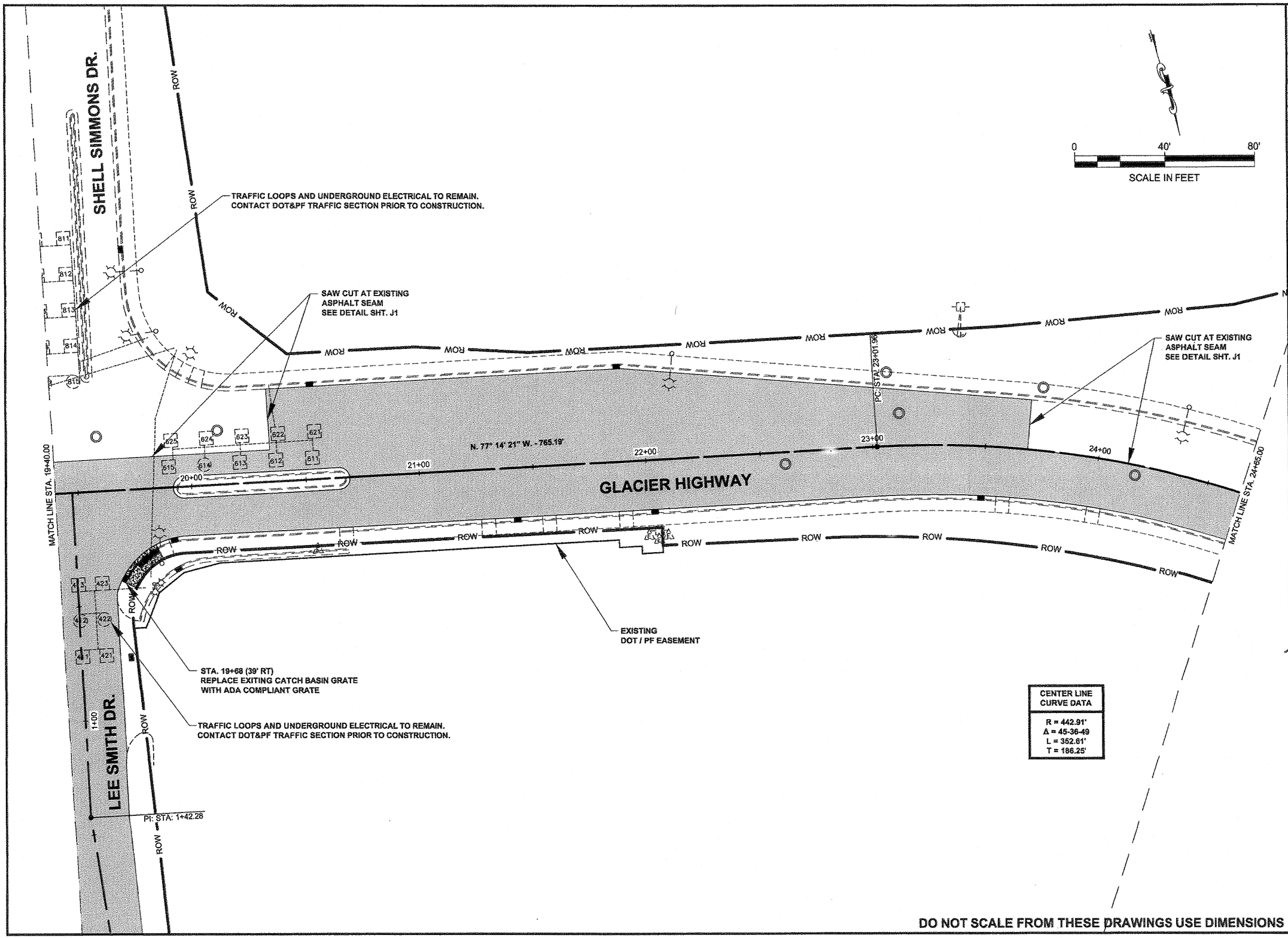
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F6	56



CENTER LINE CURVE DATA
R = 442.91'
Δ = 45-36-49
L = 352.61'
T = 186.25'

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

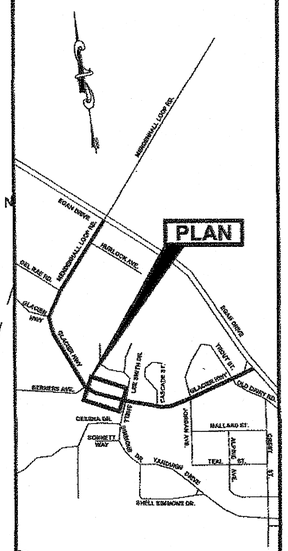
TAB: F7 Thursday, August 16, 2012 11:38:24 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

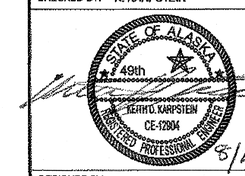
No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F7	56

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F8 Thursday, August 16, 2012 11:38:37 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

ROW

BERNERS AVE.

STA. 25+16 (RAMP #33):
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

STA. 25+73 (RAMP #34):
INSTALL ADDITIONAL LANDING AND RAMP NEXT TO EXISTING LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

DUCK CR.

SAW CUT AT EXISTING ASPHALT SEAM
SEE DETAIL SHT. J1

0 40' 80'

SCALE IN FEET

PT: STA. 26+54.57

25+00 26+00 27+00 28+00 29+00

N. 31° 37' 32" W. - 709.06'

GLACIER HIGHWAY

MATCH LINE STA. 24+65.00

MATCH LINE STA. 29+90.00

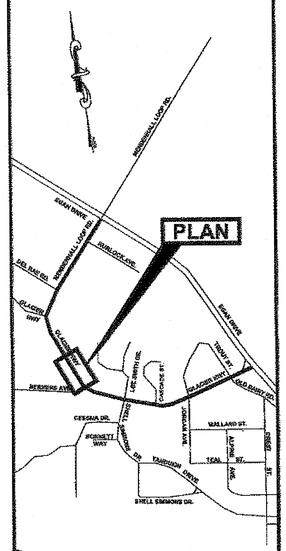
EXISTING DOT / PF EASEMENT

EAGLE NEST_FWS #115
ZONE 660'

EAGLE NEST_FWS #115
ZONE 330'

CENTER LINE CURVE DATA
R = 442.91'
Δ = 45-36-49
L = 352.61'
T = 186.25'

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12804
REGISTERED PROFESSIONAL ENGINEER
8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F8	56

PATH: Q:\JNU\67432\ENDOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F9 Thursday, August 16, 2012 11:38:42 AM

ADDENDUM NUMBER

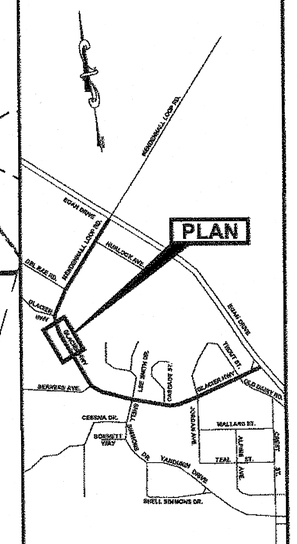
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 40' 80'

SCALE IN FEET



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

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

8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION

EAP-000S(813) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F9	56

DUCK CR.

DUCK CR.

EGL_FWS #115

ROW

GLACIER HIGHWAY

MATCH LINE STA. 29+90.00

MATCH LINE STA. 35+15.00

30+00 31+00 32+00 33+00 34+00 35+00

N. 31° 37' 32" W. - 709.06'

P.I. STA. 33+63.63

CENTER LINE CURVE DATA

R = 442.91'
Δ = 56-30-30
L = 436.82'
T = 238.03'

EAGLE NEST_FWS #116
ZONE 330'

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F10 Thursday, August 16, 2012 11:39:16 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PI: STA: 1+43.02

N. 30° 10' 01" W. - 4.32'

PT: STA: 1+38.71

N. 30° 58' 37" W.

GLACIER HWY.

SAW CUT AT EXISTING ASPHALT SEAM SEE DETAIL SHT. J1

STA. 36+26 (RAMP #36): REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP) SEE DETAIL SHT. J2

DUCK CR.

PC: STA: 0+71.49

N. 84° 00' 33" W. - 71.49'

EAGLE NEST_FWS #115 ZONE 330'

STA. 36+83 (RAMP #37): REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP) SEE DETAIL SHT. J2

PT: STA: 38+00.45

N. 24° 52' 58" E. - 320.66'

EAGLE NEST_FWS #126 ZONE 660'

DUCK CR.

MENDENHALL LOOP RD.

MATCH LINE STA. 35+15.00

MATCH LINE STA. 40+40.00

SAW CUT ASPHALT SEE DETAIL SHT. J1

STA. 37+06 (RAMP #38): REMOVE EXISTING CONCRETE LANDING AND INSTALL NEW CONCRETE LANDING EXTENDED TO CURB WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP) SEE DETAIL SHT. J3

3' CURB TRANSITION TO ACCOMMODATE FOR EXTENSION OF NEW LANDING

STA. 36+23 (RAMP #35): REMOVE EXISTING CONCRETE RAMP & LANDING AND INSTALL NEW CONCRETE RAMP & LANDING WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP) SEE DETAIL SHT. J3

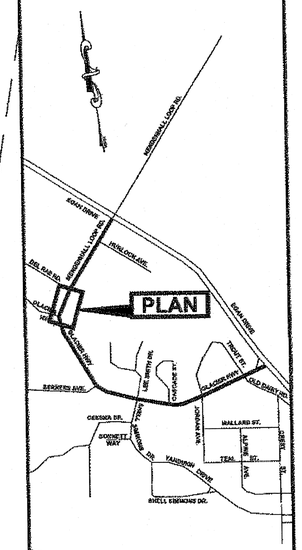
EAGLE NEST_FWS #115 ZONE 660'

CENTER LINE CURVE DATA
R = 442.91'
Δ = 56-30-30
L = 436.82'
T = 238.03'

CENTER LINE CURVE DATA
R = 71.52'
Δ = 53-50-33
L = 67.21'
T = 36.32'

0 40' 80'

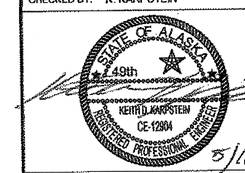
SCALE IN FEET



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F10	56

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

DEL RAE RD.

ROW

EAGLE NEST_FWS #126
ZONE 330'

DUCK CR.

0 40' 80'
SCALE IN FEET

SAW CUT AT EXISTING
ASPHALT SEAM
SEE DETAIL SHT. J1

STA. 40+94 (RAMP #39):
REMOVE EXISTING CONCRETE
RAMP LANDING AND INSTALL
NEW CONCRETE RAMP WITH 2'
WIDE TRUNCATED DOME
(DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

STA. 41+45 (RAMP #40):
REMOVE EXISTING CONCRETE RAMP LANDING AND
INSTALL NEW CONCRETE RAMP WITH 2' WIDE
TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J2

PC: STA. 41+21.11

PT: STA. 44+48.18

MATCH LINE STA. 40+40.00

MATCH LINE STA. 45+65.00

N. 24° 52' 58" E. - 320.66'

N. 28° 41' 26" E.

41+00 42+00 43+00 44+00 45+00

MENDENHALL LOOP RD.

CENTER LINE CURVE DATA
R = 4921.25'
Δ = 3-48-29
L = 327.07'
T = 163.60'

EAGLE NEST_FWS #125
ZONE 660'

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

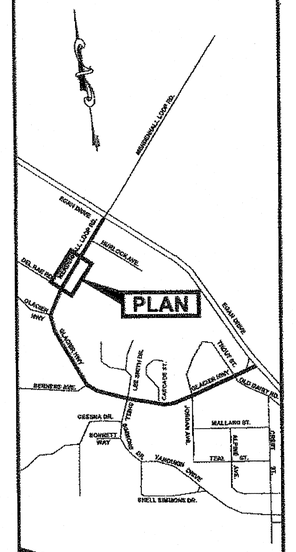
TAB: F11 Thursday, August 16, 2012 11:39:25 AM

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

8/16/12

DESIGNED BY: D. MULLINER

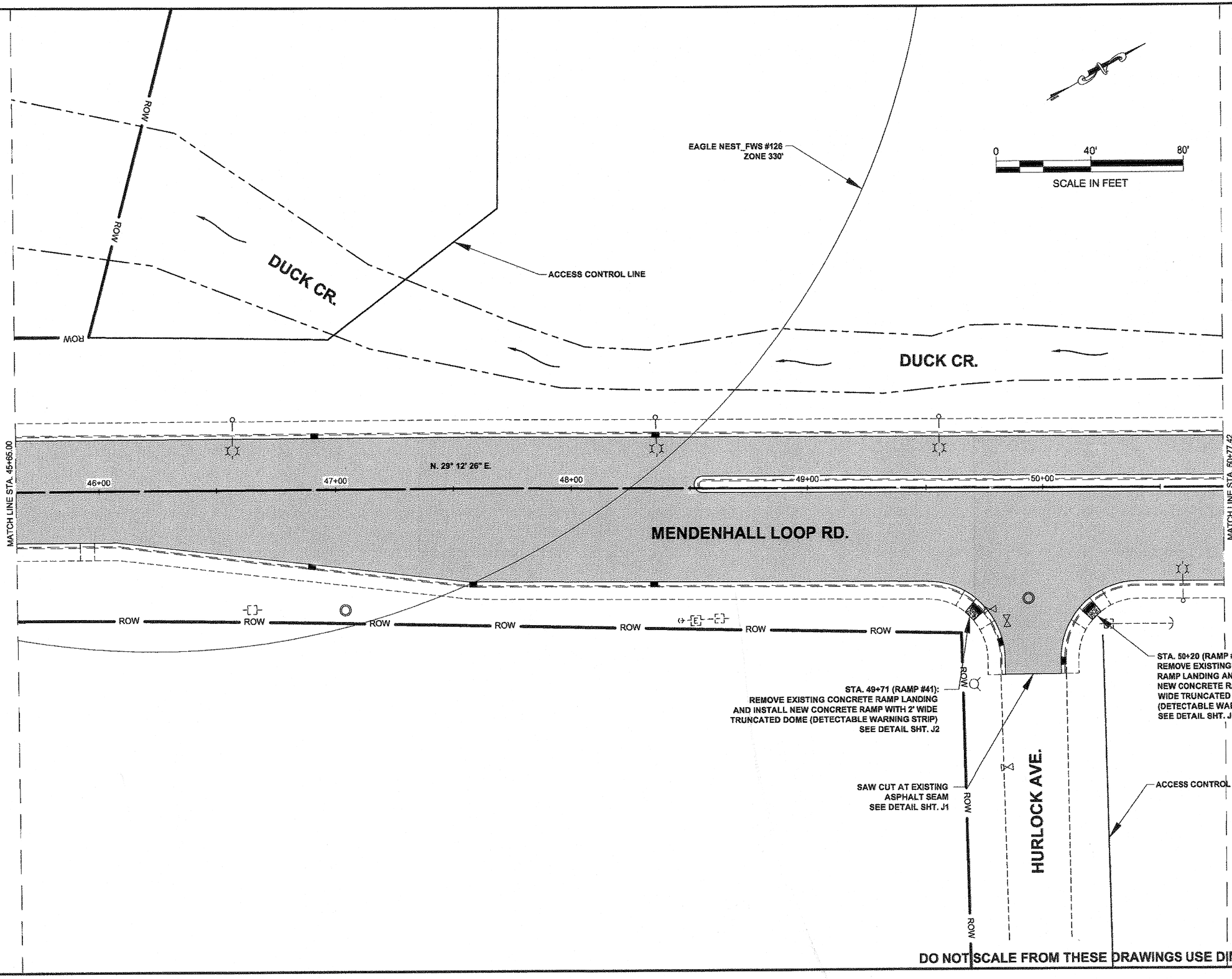
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F11	56



PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

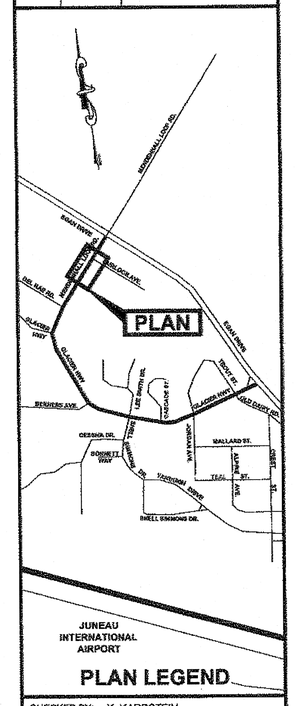
TAB: F12 Thursday, August 16, 2012 11:39:37 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. MULLINER

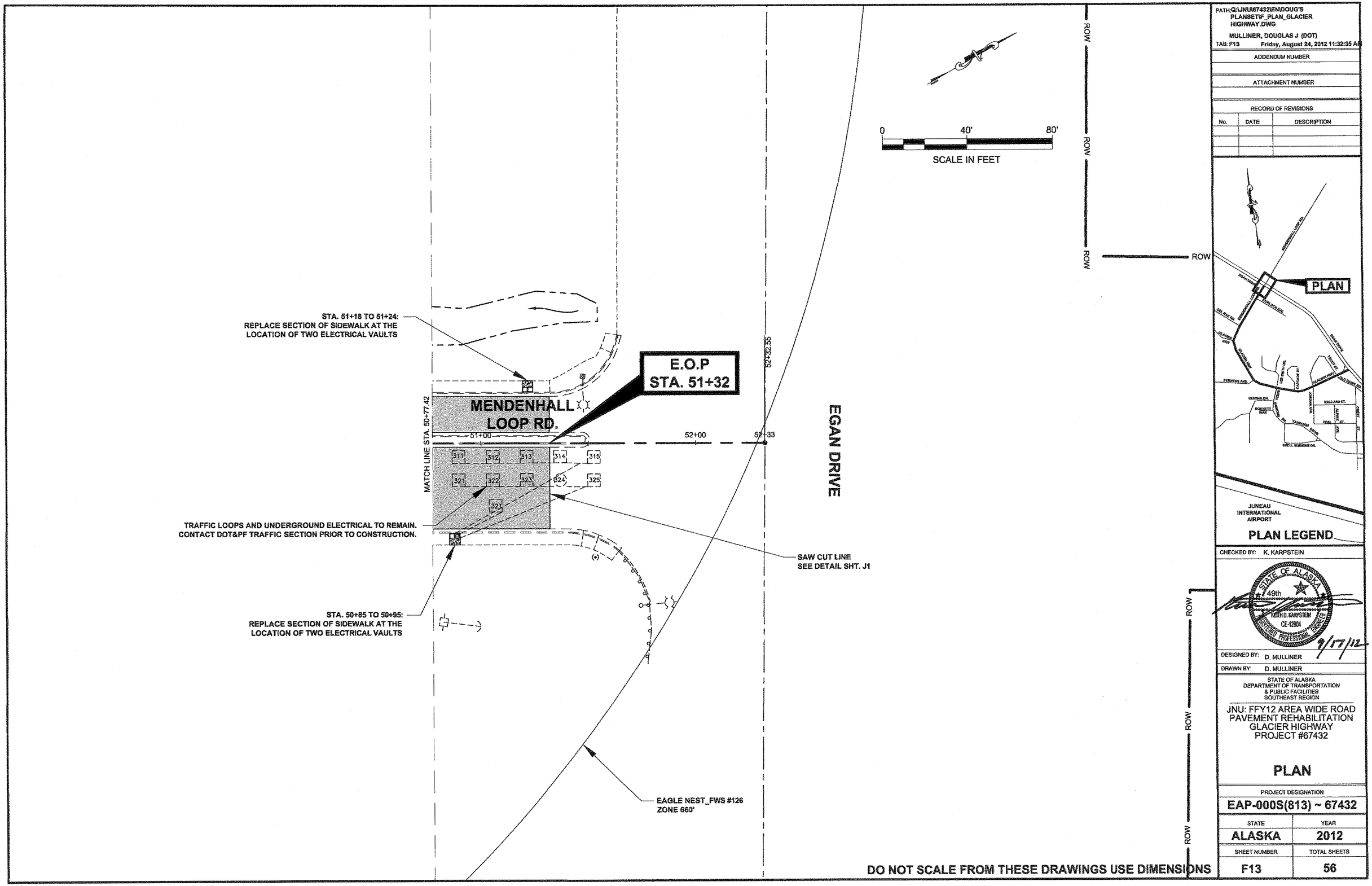
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	**2012**
SHEET NUMBER	TOTAL SHEETS
F12	**56**



PATH: G:\JNU\67432\EM\DOUG'S PLANSET\F_PLAN_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F13 Friday, August 24, 2012 11:32:35 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

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

9/17/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

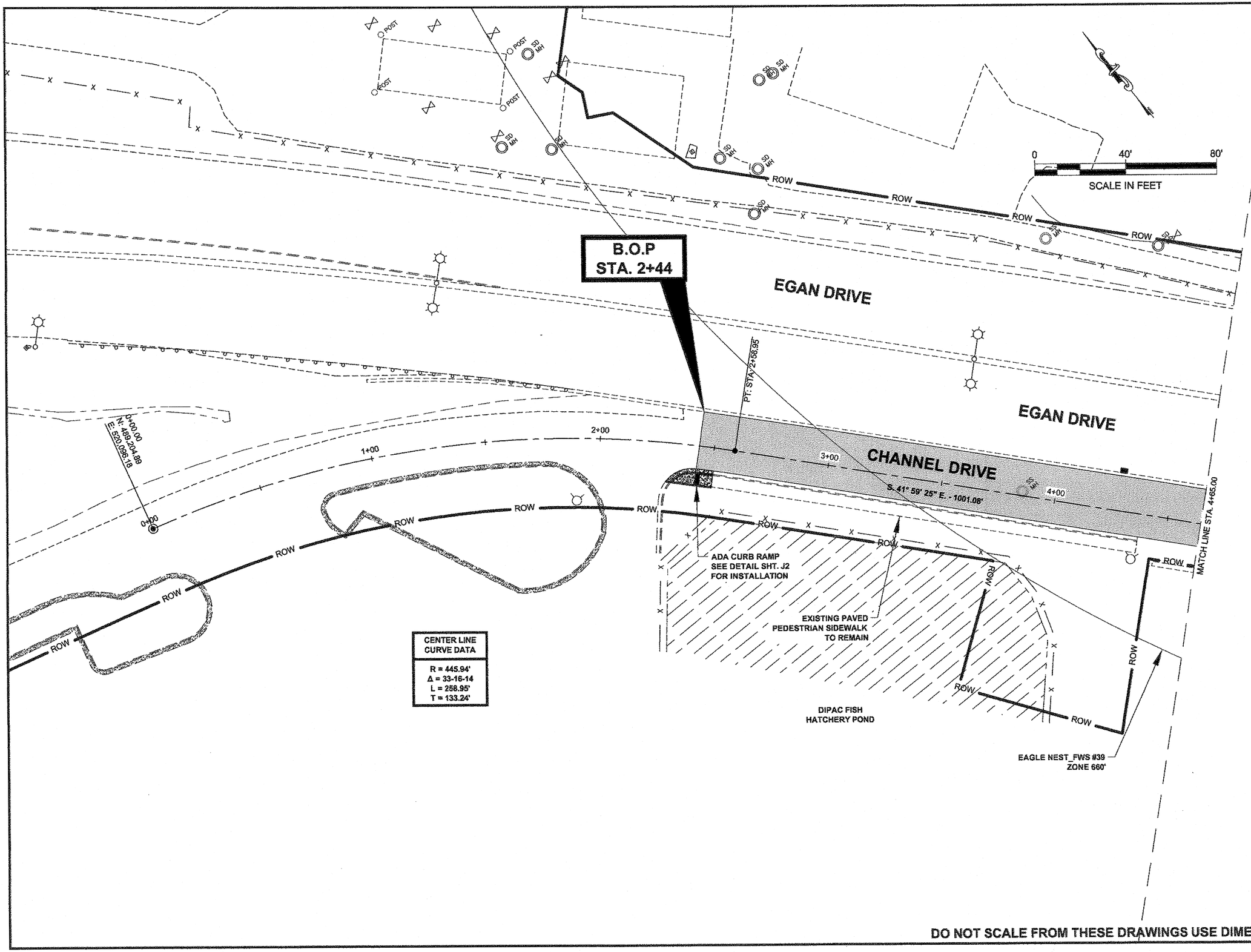
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F13	56

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



CENTER LINE CURVE DATA
R = 445.94'
Δ = 33-16-14
L = 258.95'
T = 133.24'

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

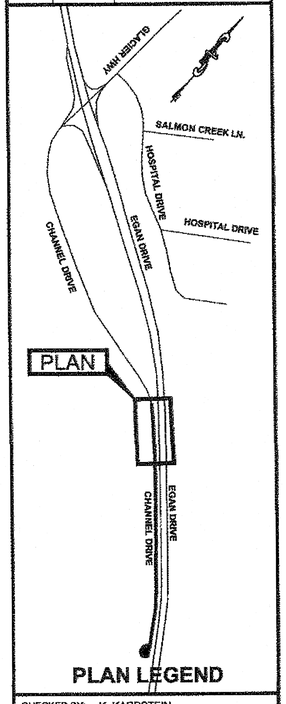
PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F-PLAN_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)
TAB: F14 Thursday, August 16, 2012 1:14:25 PM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12304
REGISTERED PROFESSIONAL ENGINEER
5/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F14	56

ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW

0 40' 80'

SCALE IN FEET

WT MH

EGAN DRIVE

EGAN DRIVE

MATCH LINE STA. 4+65.00

CHANNEL DRIVE

5+00 6+00 7+00 8+00 9+00

S. 41° 59' 25" E. - 1001.08'

MATCH LINE STA. 9+90.00

ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW

EAGLE NEST_FWS #39
ZONE 660'

STA. 9+09 TO 11+68
SAW CUT ALONG SIDEWALK AND REMOVE
REMAINING CONCRETE GUTTER

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F-PLAN_CHANNEL DRIVE.DWG

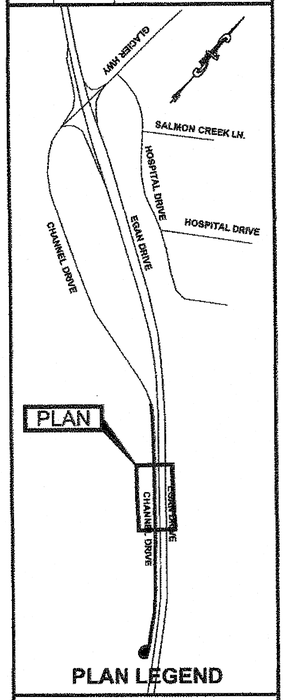
MULLINER, DOUGLAS J (DOT)
TAB: F15 Thursday, August 16, 2012 1:14:35 PM

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
8/16/12

DESIGNED BY: D. MULLINER

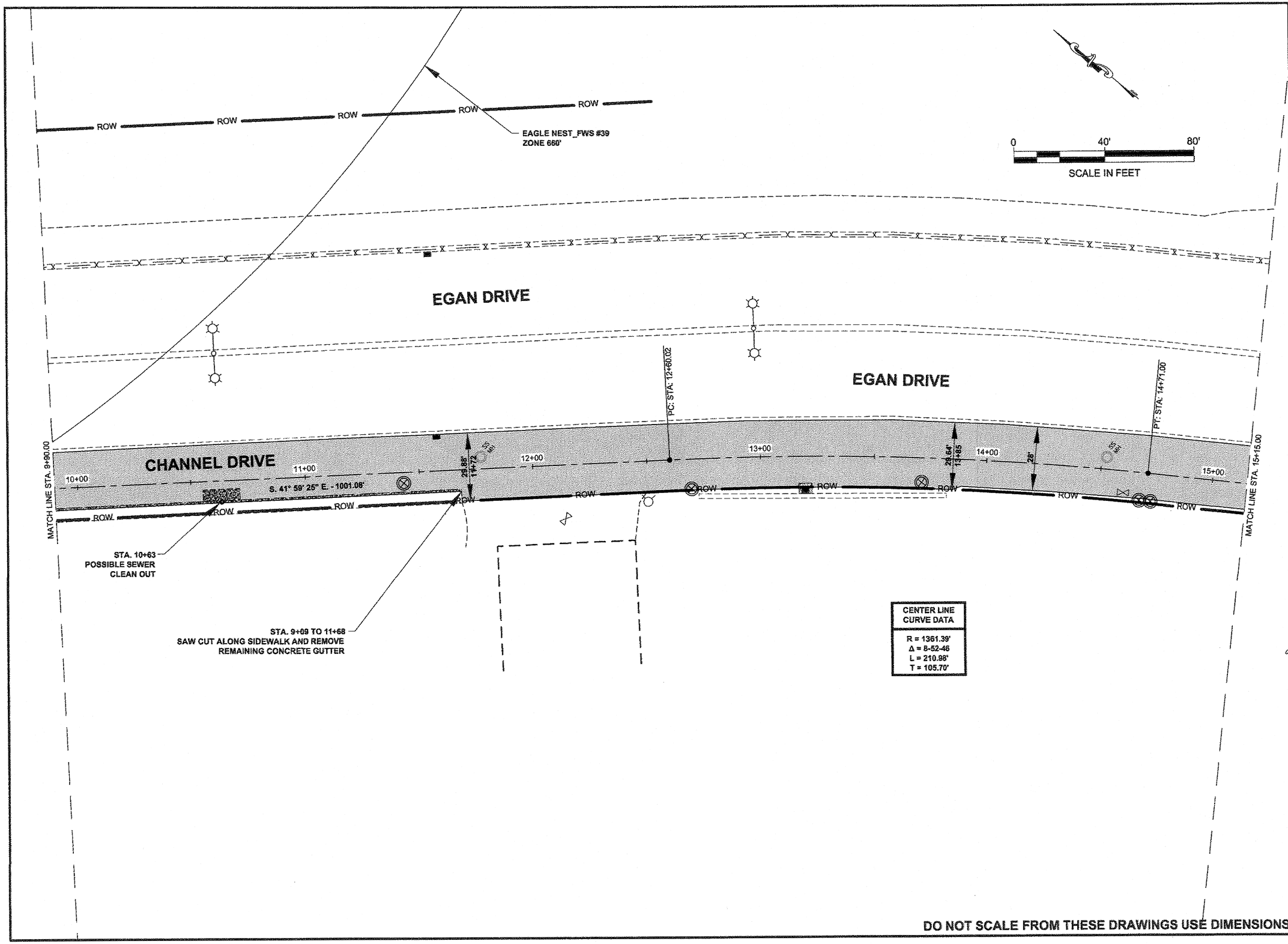
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F15	56



PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F-PLAN_CHANNEL DRIVE.DWG

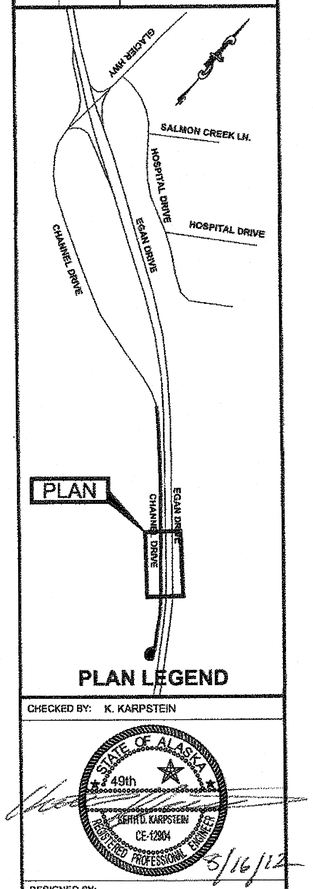
MULLINER, DOUGLAS J (DOT)
TAB: F16 Thursday, August 16, 2012 1:15:00 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

5/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

PLAN

PROJECT DESIGNATION

EAP-000S(813) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F16	56

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F-PLAN_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F17 Thursday, August 16, 2012 1:15:10 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 40' 80'

SCALE IN FEET

EGAN DRIVE

EGAN DRIVE

EOP: 17+39.00
N: 487,936.33
E: 521,258.75

MATCH LINE STA. 15+15.00

CHANNEL DRIVE

16+00 17+00 17+39

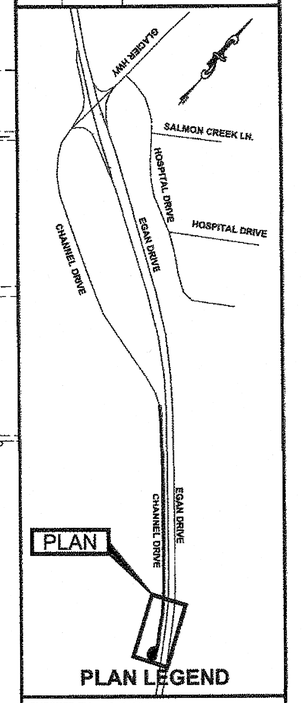
S. 33° 06' 40" E. - 268.00'

ROW ROW ROW ROW ROW ROW ROW ROW ROW

BC GPS CONTROL PT.
N = 487893.52
E = 521288.50

E.O.P
STA. 17+39

FOR CUL-DE-SAC DETAIL
SEE SHT. F18



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12894
REGISTERED PROFESSIONAL ENGINEER

8/16/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

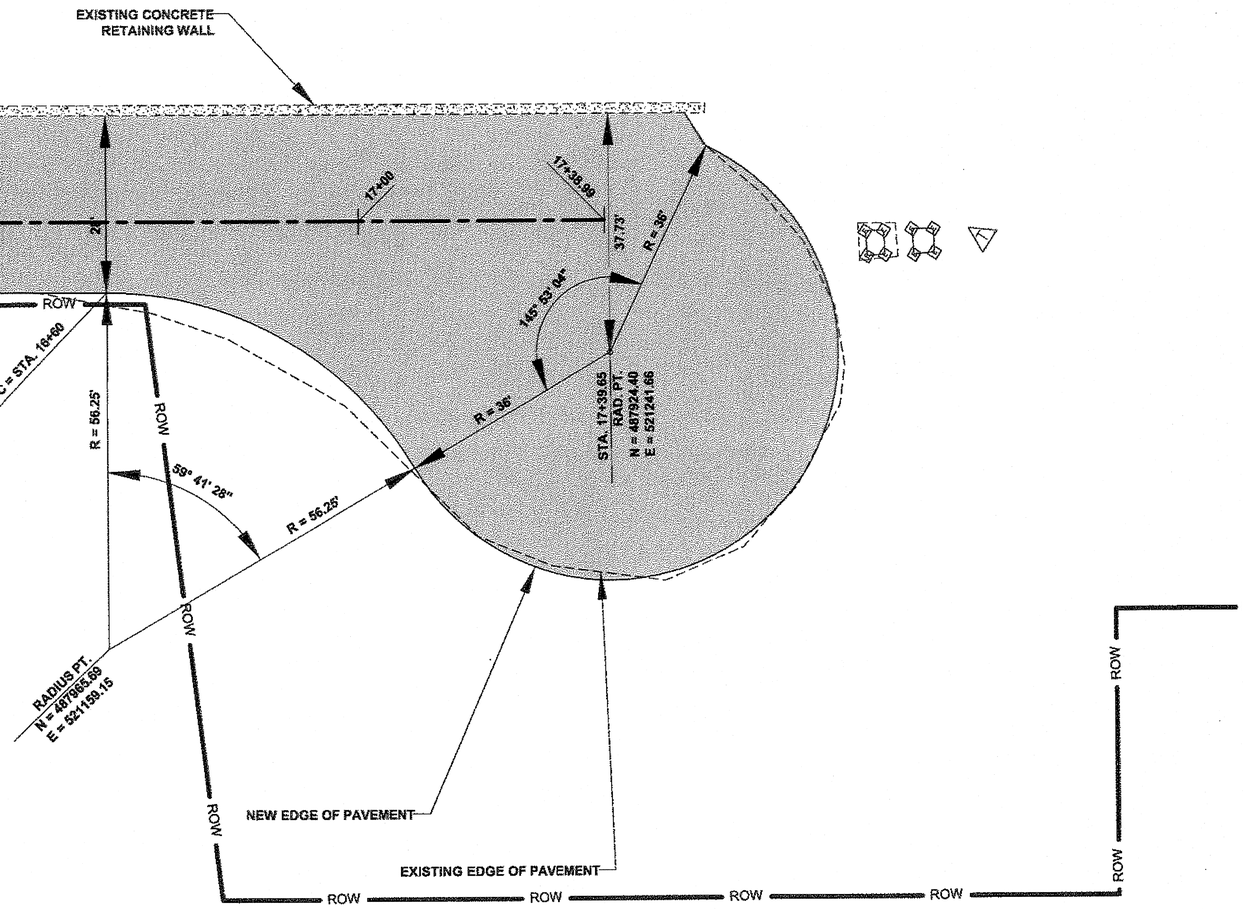
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

PLAN

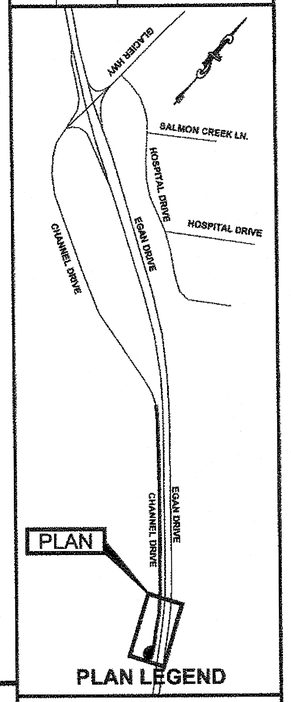
PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F17	56

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



0 40' 80'

SCALE IN FEET



PLAN LEGEND

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\F-PLAN_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F18 Thursday, August 16, 2012 1:15:25 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: K. KARPSTEIN

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

8/16/12

DESIGNED BY: D. MULLINER

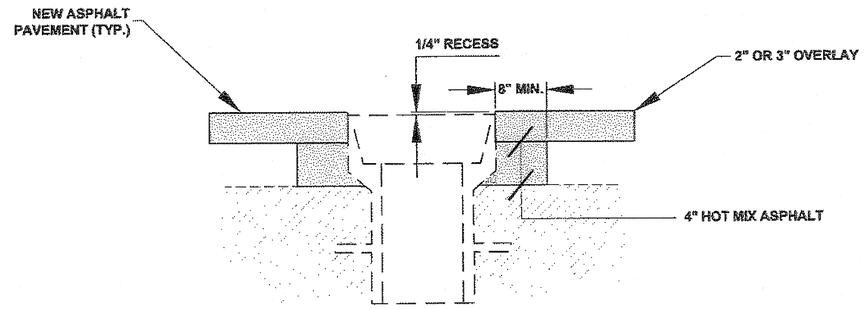
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

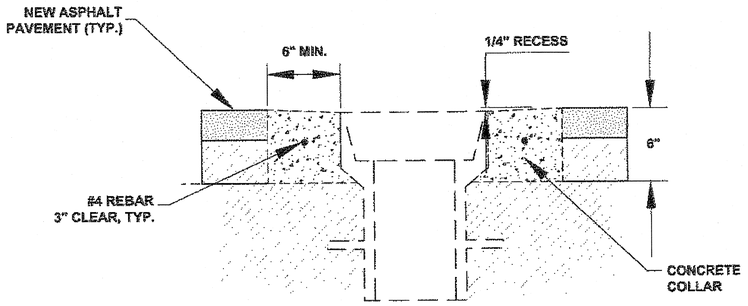
PLAN

PROJECT DESIGNATION	
EAP-000S(813) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F18	56



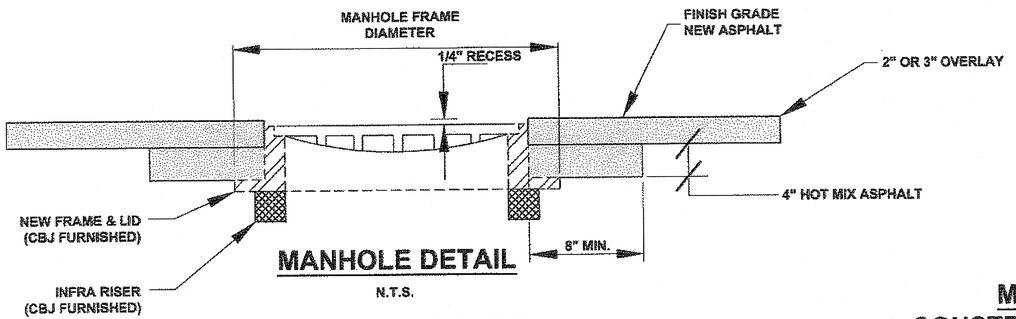
VALVE BOX ADJUSTMENT DETAIL

N.T.S.



MONUMENT CASE ADJUSTMENT DETAIL

N.T.S.

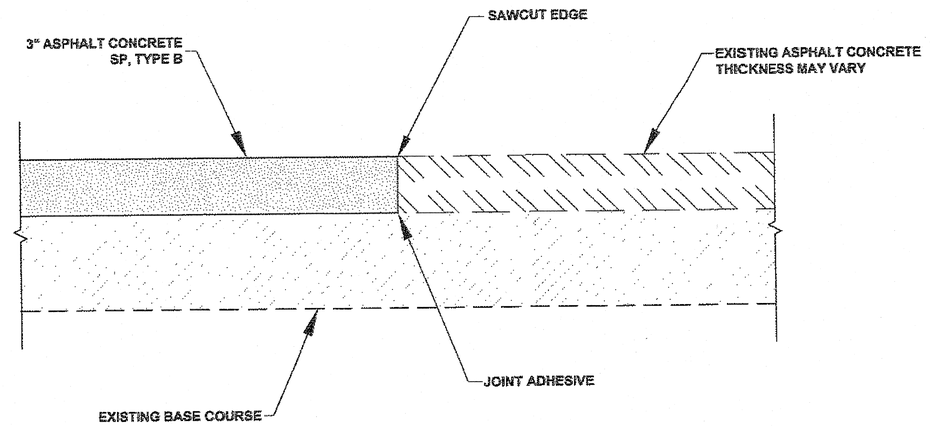


MANHOLE DETAIL

N.T.S.

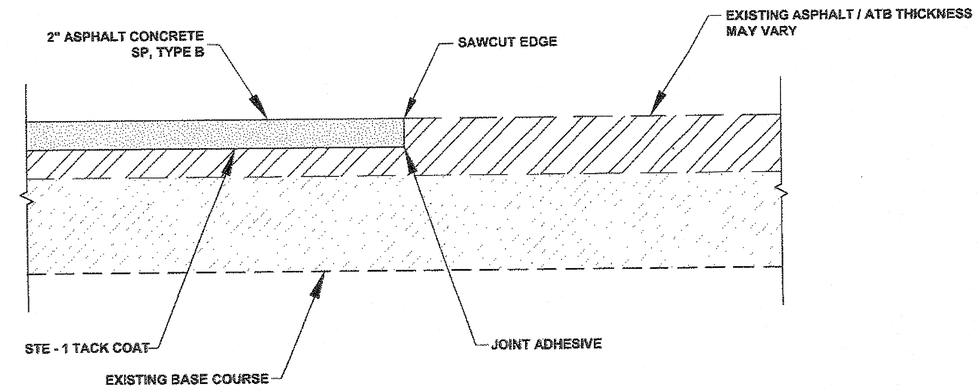
MANHOLE ADJUSTMENT NOTES

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.



MATCH JOINT DETAIL (OLD DAIRY ROAD, TROUT STREET, JORDAN AVENUE, LEE SMITH DRIVE, BERNERS AVENUE, OLD GLACIER HIGHWAY-NORTH, DEL RAE ROAD, & HURLOCK ROAD)

N.T.S.



MATCH JOINT DETAIL (BOP & EOP)

N.T.S.

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

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH H. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
11/7/12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

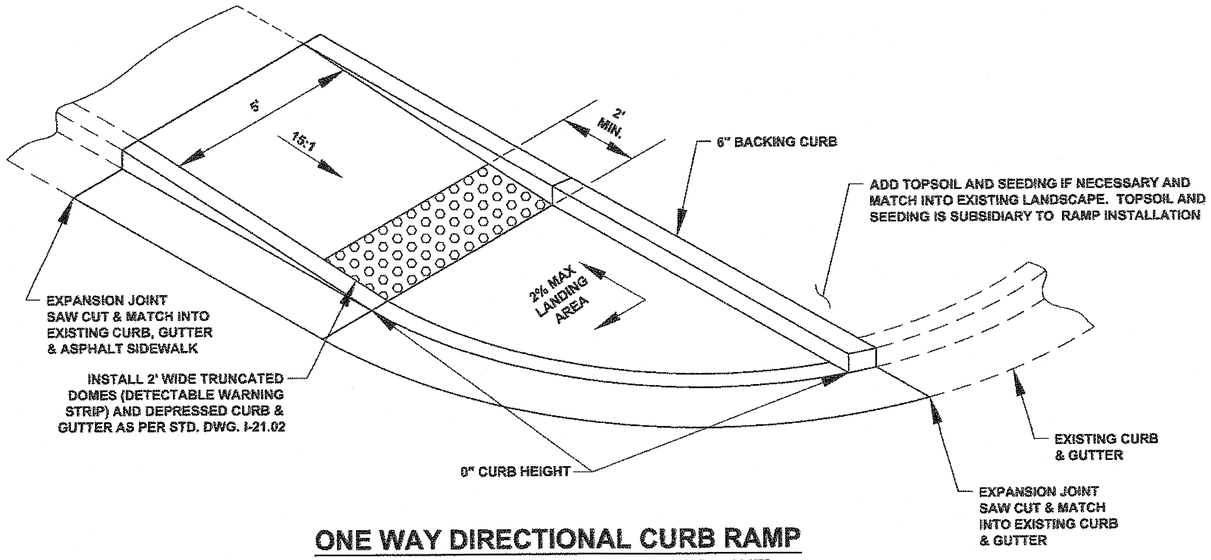
JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DRIVE
PROJECT #67432

MISC. DETAILS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\J_DETAILS.DWG
TAB: J1 Tuesday, November 06, 2012 2:08:33 PM MULLINER, DOUGLAS J (DOT)

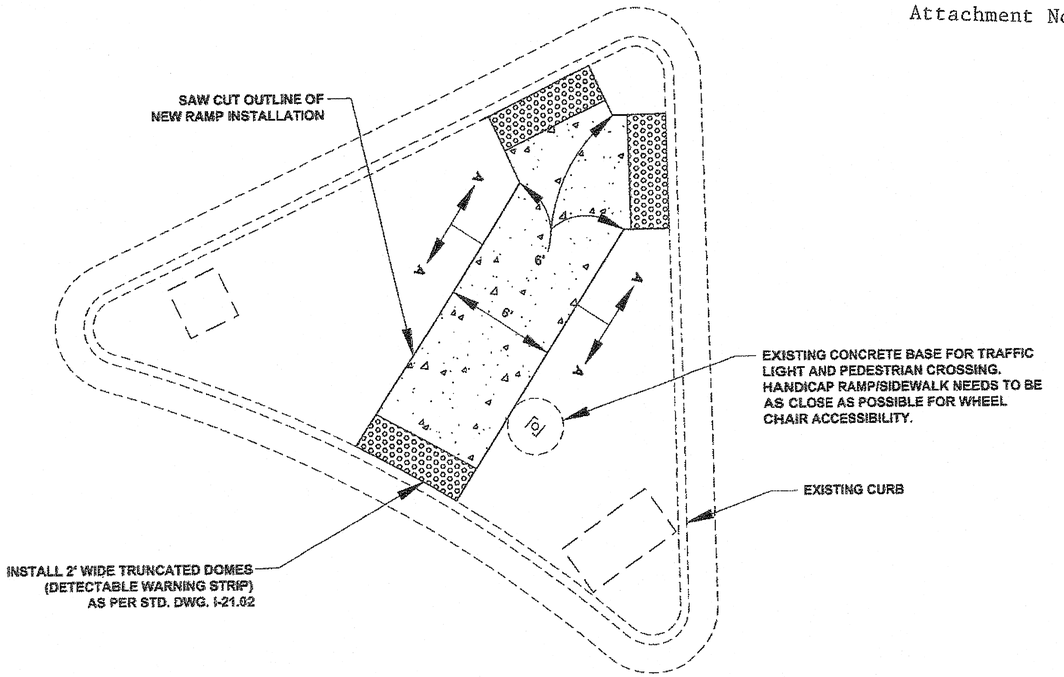
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EPA-000S(813) ~ 67432	2012	J1	56

Addendum No. 2
Attachment No. 4



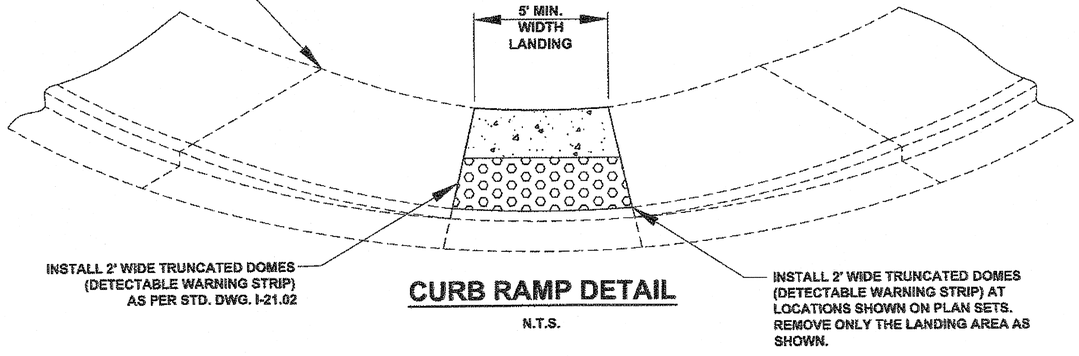
ONE WAY DIRECTIONAL CURB RAMP CHANNEL DRIVE (STA. 2+44 - RT)

N.T.S.



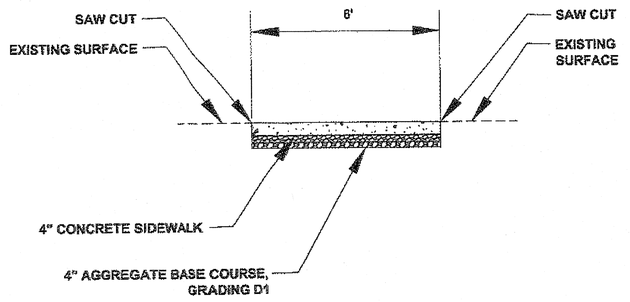
NEW CURB RAMP (SW COR. GLACIER HWY & JORDAN AVE.)

N.T.S.



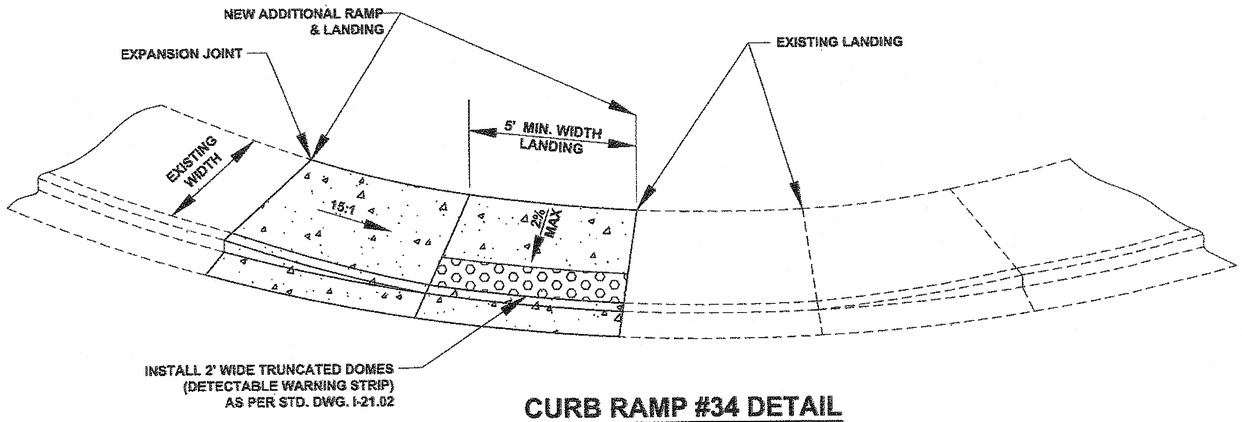
CURB RAMP DETAIL

N.T.S.



DETAIL A - A

N.T.S.



CURB RAMP #34 DETAIL

N.T.S.

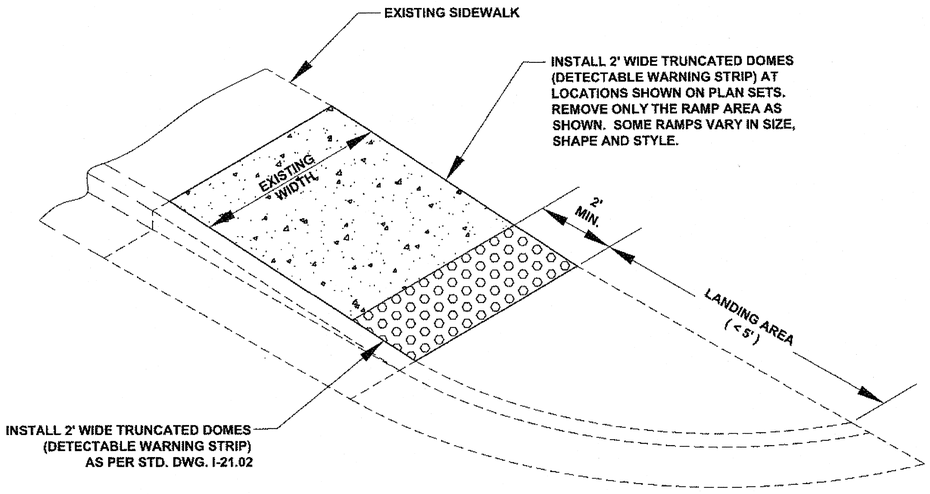
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION GLACIER HWY & CHANNEL DRIVE PROJECT #67432
DRAWN BY: D. MULLINER	MISC. DETAILS

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER
11/7/12

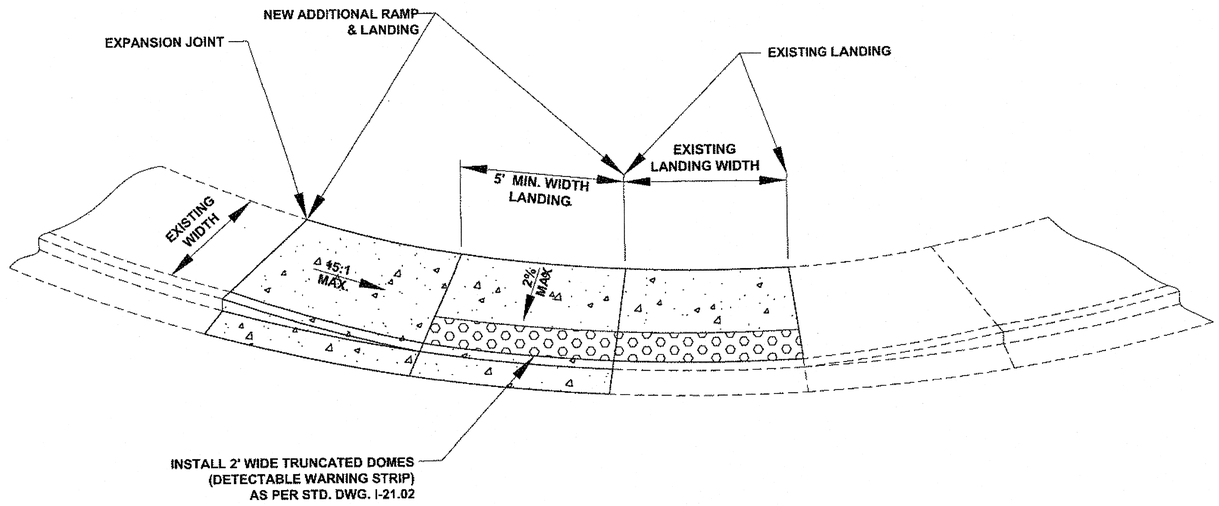
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TAB: J2 Tuesday, November 06, 2012 8:14:13 AM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			EPA-000S(813) ~ 67432	2012	J2	56



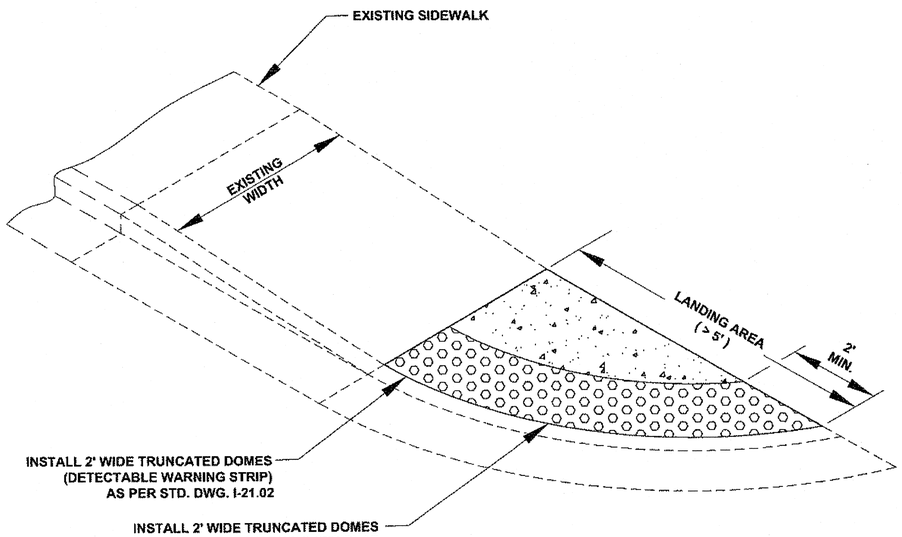
ONE WAY DIRECTIONAL CURB RAMP (LANDING AREA = < 5')

N.T.S.



CURB RAMP #31 DETAIL

N.T.S.



ONE WAY DIRECTIONAL CURB RAMP (LANDING AREA = > 5')

N.T.S.

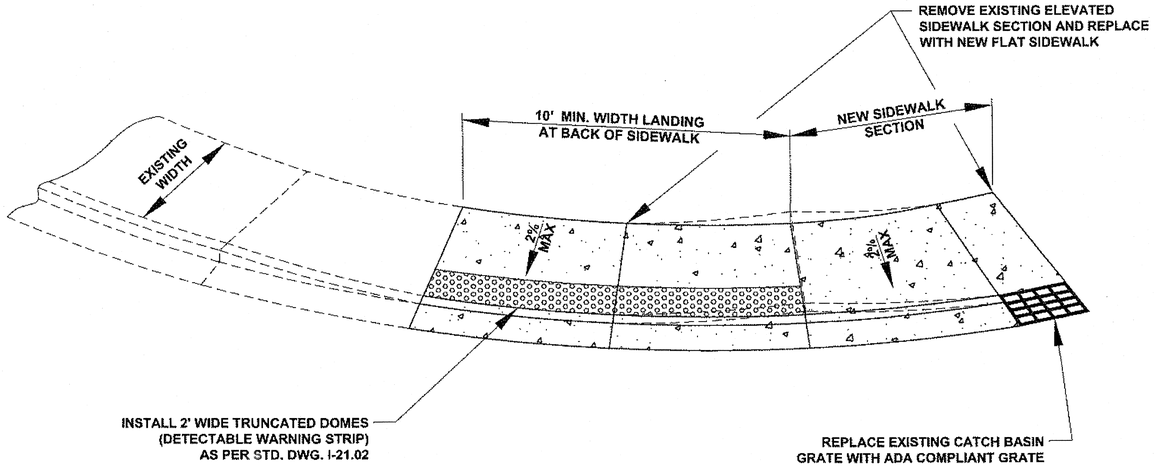
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION GLACIER HWY & CHANNEL DRIVE PROJECT #67432
DRAWN BY: D. MULLINER	**MISC. DETAILS**

STATE OF ALASKA 49th — KEITH D. KARPSTEIN — CE-12904 — REGISTERED PROFESSIONAL ENGINEER — 10/3/12

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\J_DETAILS.DWG
TAB: J3 Wednesday, October 03, 2012 11:16:02 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EPA-000S(813) ~ 67432	2012	J3	56



CURB RAMP #32 DETAIL

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
5/22/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

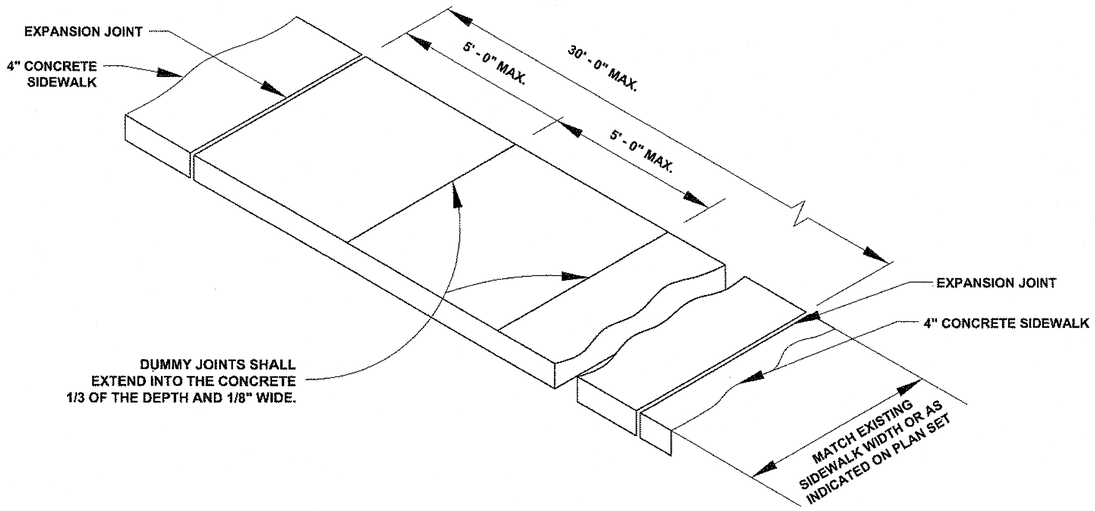
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DRIVE
PROJECT #67432

MISC. DETAILS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\J_DETAILS.DWG
TAB: J4 Wednesday, August 22, 2012 3:25:22 PM KARPSTEIN, KEITH D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EPA-000S(813) ~ 67432	2012	J4	56



TYPICAL SIDEWALK DETAIL

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

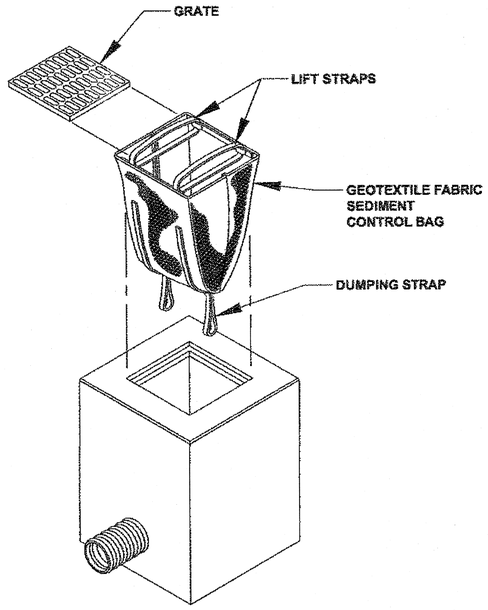
JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DRIVE
PROJECT #67432

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

MISC. DETAILS

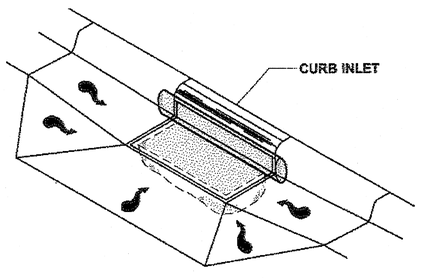
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TAB: J5 Wednesday, August 22, 2012 3:25:34 PM KARPSTEIN, KEITH D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EPA-000S(813) ~ 67432	2012	J5	56



INLET PROTECTION DETAIL

N.T.S.



INLET PROTECTION DETAIL

N.T.S.

CURB INLET PROTECTION TABLE		
STATION	OFFSET	REMARKS
GLACIER HWY/MENDENHALL LOOP RD		
0+65	48' LT	
1+22	55' LT	
1+82	40' LT	
2+83	164' LT	
2+97	40' RT	
3+12	192' LT	
3+19	74' LT	
4+00	46' RT	
5+70	44' LT	
5+71	40' RT	
7+69	40' RT	
7+69	40' LT	
9+16	41' RT	
9+57	40' LT	
9+58	27' RT	FIELD INLET GLACIER HWY
9+63	95' RT	
10+03	98' RT	
10+26	131' LT	
10+28	32' RT	
10+68	112' LT	
10+95	39' LT	
11+15	28' RT	
11+64	29' RT	
13+91	24' RT	
14+68	51' RT	
15+10	38' RT	
16+59	24' RT	
16+67	35' LT	
16+68	38' RT	FIELD INLET
17+33	35' RT	FIELD INLET
17+50	33' LT	
17+67	28' RT	
19+69	39' RT	

CURB INLET PROTECTION TABLE		
STATION	OFFSET	REMARKS
GLACIER HWY/MENDENHALL LOOP RD		
19+91	24' RT	
20+54	43' LT	
21+42	24' RT	
21+89	43' LT	
22+03	24' RT	
23+49	24' RT	
25+09	27' LT	
25+09	24' RT	
27+33	24' RT	
27+88	24' RT	
27+93	24' LT	
29+42	34' LT	
32+80	24' LT	
32+80	24' RT	
33+53	24' LT	
33+53	24' RT	
36+09	24' RT	
37+12	24' RT	
38+74	32' LT	
38+84	24' RT	
41+05	50' LT	
41+35	50' LT	
43+11	33' LT	
43+24	34' RT	
44+58	24' RT	
44+61	24' LT	
46+89	34' RT	
46+91	24' LT	
47+58	42' RT	
48+36	42' RT	
48+36	24' LT	
49+81	66' RT	
50+09	73' RT	

CURB INLET PROTECTION TABLE		
STATION	OFFSET	REMARKS
CHANNEL DRIVE		
8+03	15' LT	
11+58	15' LT	
13+19	15' RT	

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.

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 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.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
8/16/12

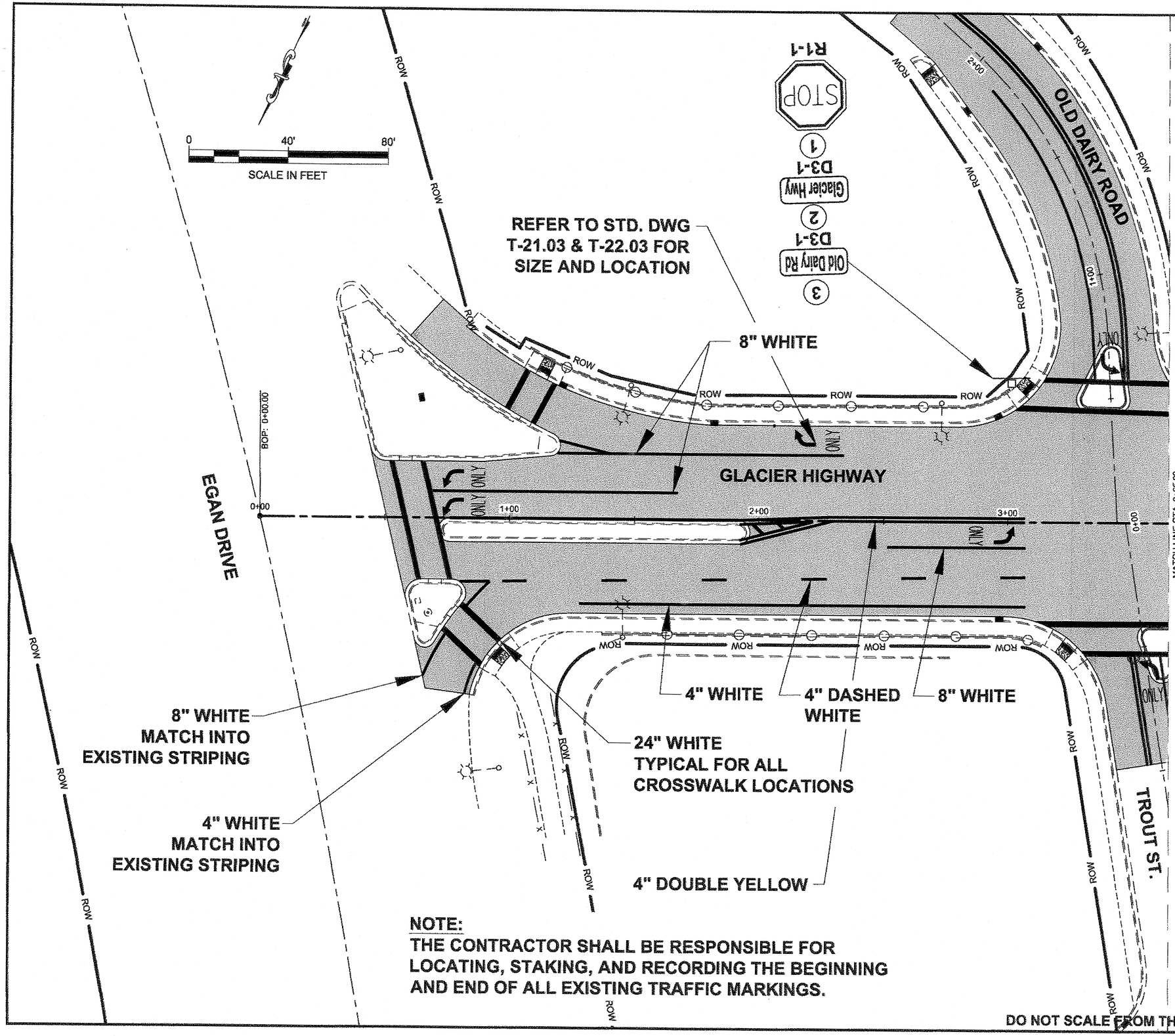
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

EROSION & SEDIMENT CONTROL DETAILS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\P_EROSION DETAILS.DWG
TAB: P1 Thursday, August 16, 2012 1:23:48 PM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			EAP-000S(813)~67432	2012	P1	56



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

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

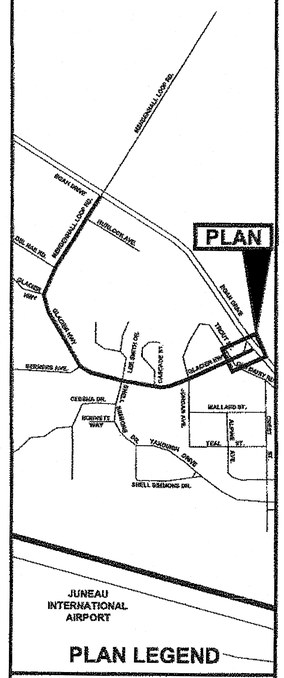
TAB: R1 Monday, August 20, 2012 11:07:50 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
48th
DAVID E. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
8.20.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R1	56

TROUT STREET STRIPING MAY CHANGE DUE TO PROJECT # 67992

4" DOUBLE YELLOW MATCH INTO EXISTING STRIPING

TROUT ST.

8" WHITE

GLACIER HIGHWAY

OLD DAIRY ROAD STRIPING MAY CHANGE DUE TO PROJECT # 67992

8" WHITE

OLD DAIRY ROAD

4" DOUBLE YELLOW MATCH INTO EXISTING STRIPING

3 Old Dairy Rd D3-1

2 Glacier Hwy D3-1

1 STOP R1-1

4 STOP

5 Glacier Hwy D3-1

6 Trout St D3-1

7 NO PARKING ANY TIME R7P-101

R2-1

SPEED LIMIT 30

ROW

ONLY

0 40' 80'

SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

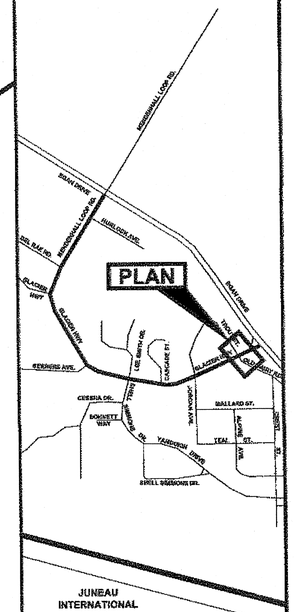
TAB: R2 Friday, August 24, 2012 11:44:53 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th DAVID B. EPSTEIN CE-8866 REGISTERED PROFESSIONAL ENGINEER 8.24.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

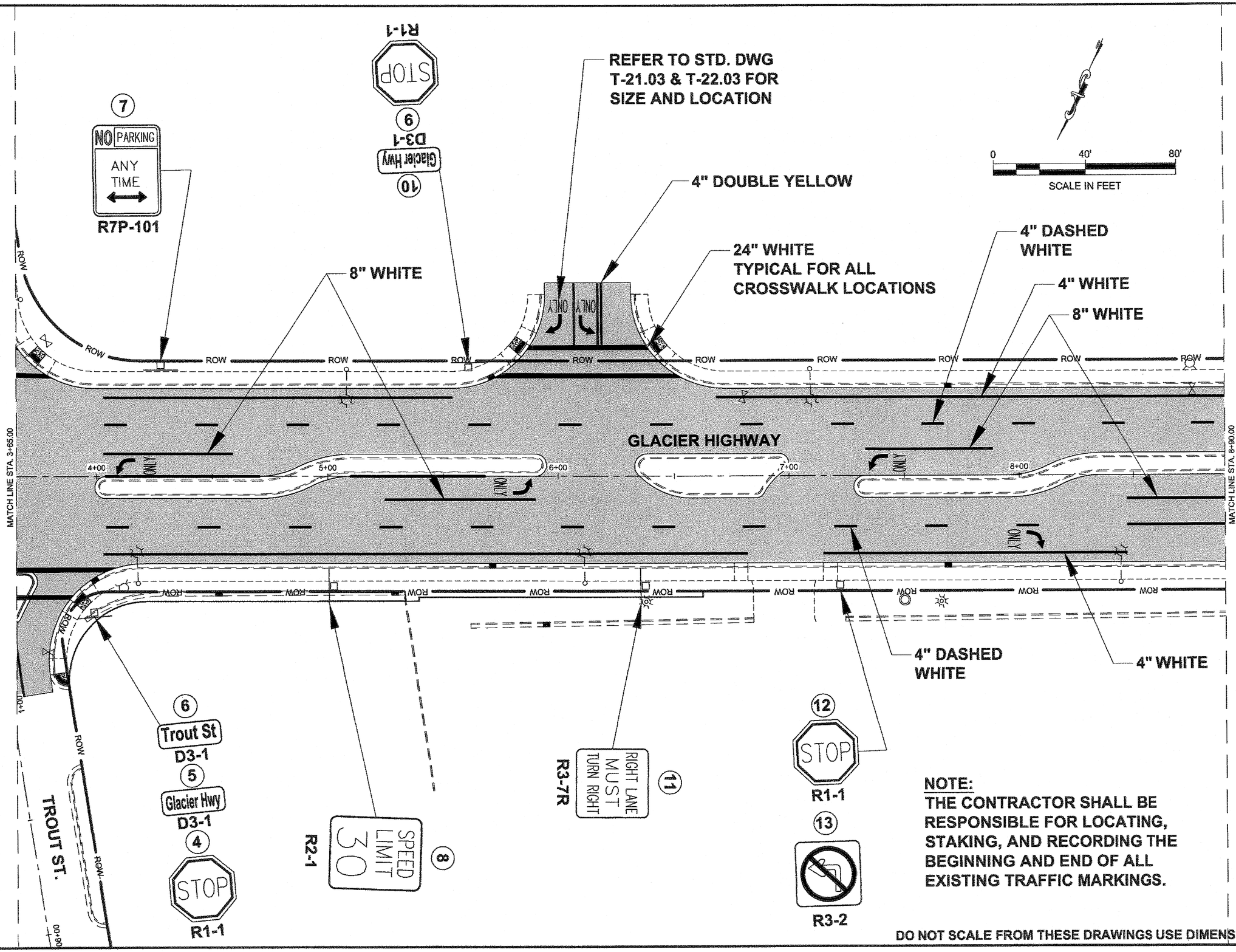
SIGNING & STRIPING

PROJECT DESIGNATION

EAP-000S(803) ~ 67432

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
R2	56



PATH: Q:\JNU\67432\EN\DOUG'S PLANS\TIR_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

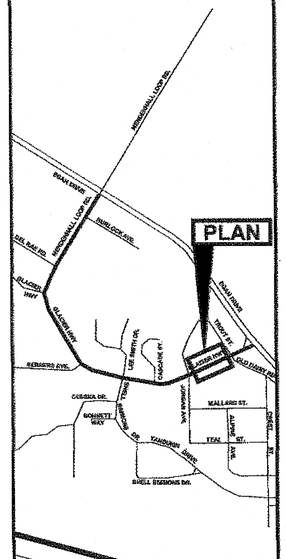
TAB: R3 Friday, August 24, 2012 11:39:30 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID D. EPSTEIN
CE-6805
REGISTERED PROFESSIONAL ENGINEER
8/24/12

DESIGNED BY: D. MULLINER

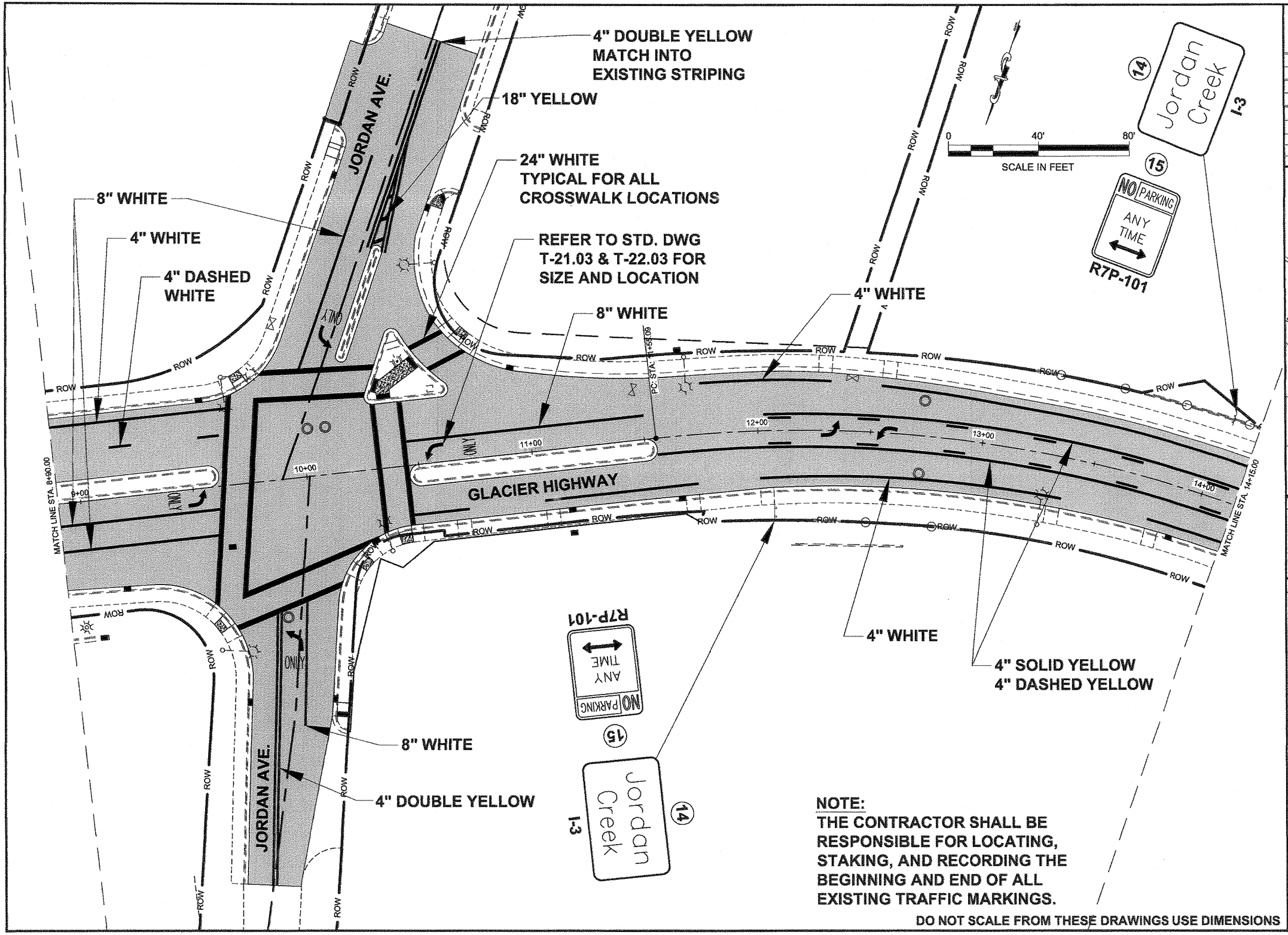
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R3	56



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

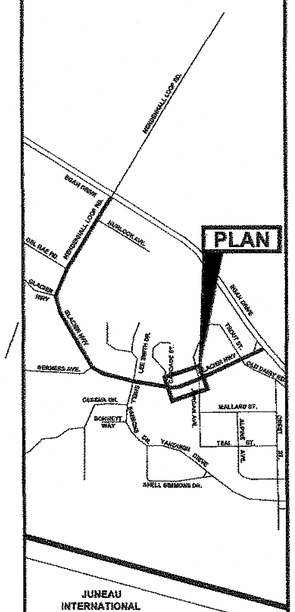
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG
MULLINER, DOUGLAS J (DOT)
TAB: R4 Friday, August 24, 2012 11:39:47 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49TH
DAVID B. EPSTEIN
CE-6668
REGISTERED PROFESSIONAL ENGINEER
3.24.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R4	56

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

TAB: R5 Friday, August 24, 2012 11:52:20 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

R1-1 STOP 18

D3-1 Glacier Hwy 19

24" WHITE
TYPICAL FOR ALL
CROSSWALK LOCATIONS

23 SPEED LIMIT 30 R2-1

R1-1 STOP 27

D3-1 Glacier Hwy 28

REFER TO STD. DWG
T-21.03 & T-22.03 FOR
SIZE AND LOCATION

4" WHITE

8" WHITE

0 40' 80'

SCALE IN FEET

BNDY

ROW

PT STA: 15+36.77

GLACIER HIGHWAY

15+00 16+00 17+00 18+00 19+00

ONLY

MATCH LINE STA. 14+15.00

MATCH LINE STA. 19+40.00

4" SOLID YELLOW
4" DASHED YELLOW

4" WHITE

22 Cascade St D3-1

21 Glacier Hwy D3-1

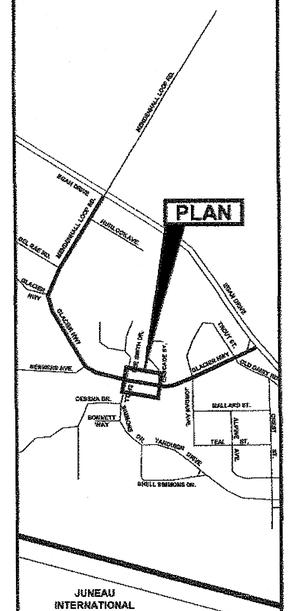
20 STOP R1-1

CASCADE ST.

D9-301 26 AIRPORT 25 I-5 24

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

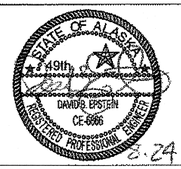
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN



DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R5	56

SHELL SIMMONS DR.

ROW

24" WHITE
TYPICAL FOR ALL
CROSSWALK LOCATIONS

REFER TO STD. DWG
T-21.02 & T-21.03 FOR
SIZE AND LOCATION

8" WHITE

18" YELLOW

4" DOUBLE YELLOW

4" WHITE

8" WHITE

ONLY

PC: STA. 23+01.96

20+00

21+00

23+00

24+00

GLACIER HIGHWAY

MATCH LINE STA. 19+40.00

MATCH LINE STA. 24+65.00

29 I-5 30 AIRPORT 31 D9-301

0 40' 80'
SCALE IN FEET

8" WHITE

4" DOUBLE YELLOW
STOP AT PAVING SEAM

4" WHITE

LEE SMITH DR.

R7P-101
ANY TIME
NO PARKING
32

34
Glacier Hwy
D3-1
33
STOP
R1-1

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

PATH=Q:\JNU\67432\EN\DOUG'S PLANSETR_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

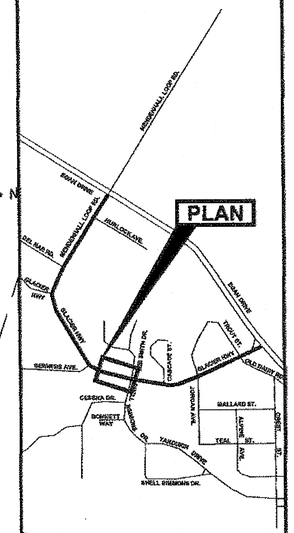
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID J. EPSTEIN
CE-9868
REGISTERED PROFESSIONAL ENGINEER
8.24.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R6	56

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

TAB: R7 Friday, August 24, 2012 2:06:21 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

BERNERS AVE.

GLACIER HIGHWAY

ROW

R1-1 STOP

35 D3-1 Glacier Hwy

36 D3-1 Berners Ave

37

38 SPEED LIMIT 20 R2-1

43 END M4-101

42 CENTER LANE ONLY R3-9B

R1-1 STOP

44 D3-1 Glacier Hwy

45

0 40' 80'

SCALE IN FEET

PT. STA. 26+54.57

4" WHITE

4" WHITE

4" WHITE

4" SOLID YELLOW
4" DASHED YELLOW

26+00 27+00 28+00 29+00

MATCH LINE STA. 24+65.00

MATCH LINE STA. 29+90.00

25+00 ONLY

8" WHITE

4" WHITE

REFER TO STD. DWG
T-21.03 & T-22.03 FOR
SIZE AND LOCATION

R7P-101 NO PARKING ANY TIME

41

R2-1 SPEED LIMIT 30

46

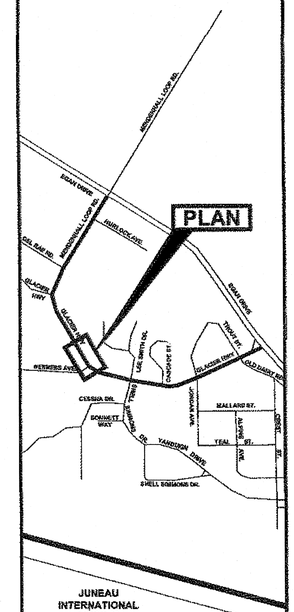
R3-9B CENTER LANE ONLY

39 M4-100 BEGIN

40

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



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th
DAVID S. EPSTEIN CE-6995
REGISTERED PROFESSIONAL ENGINEER
8.24.12

DESIGNED BY: D. MULLINER

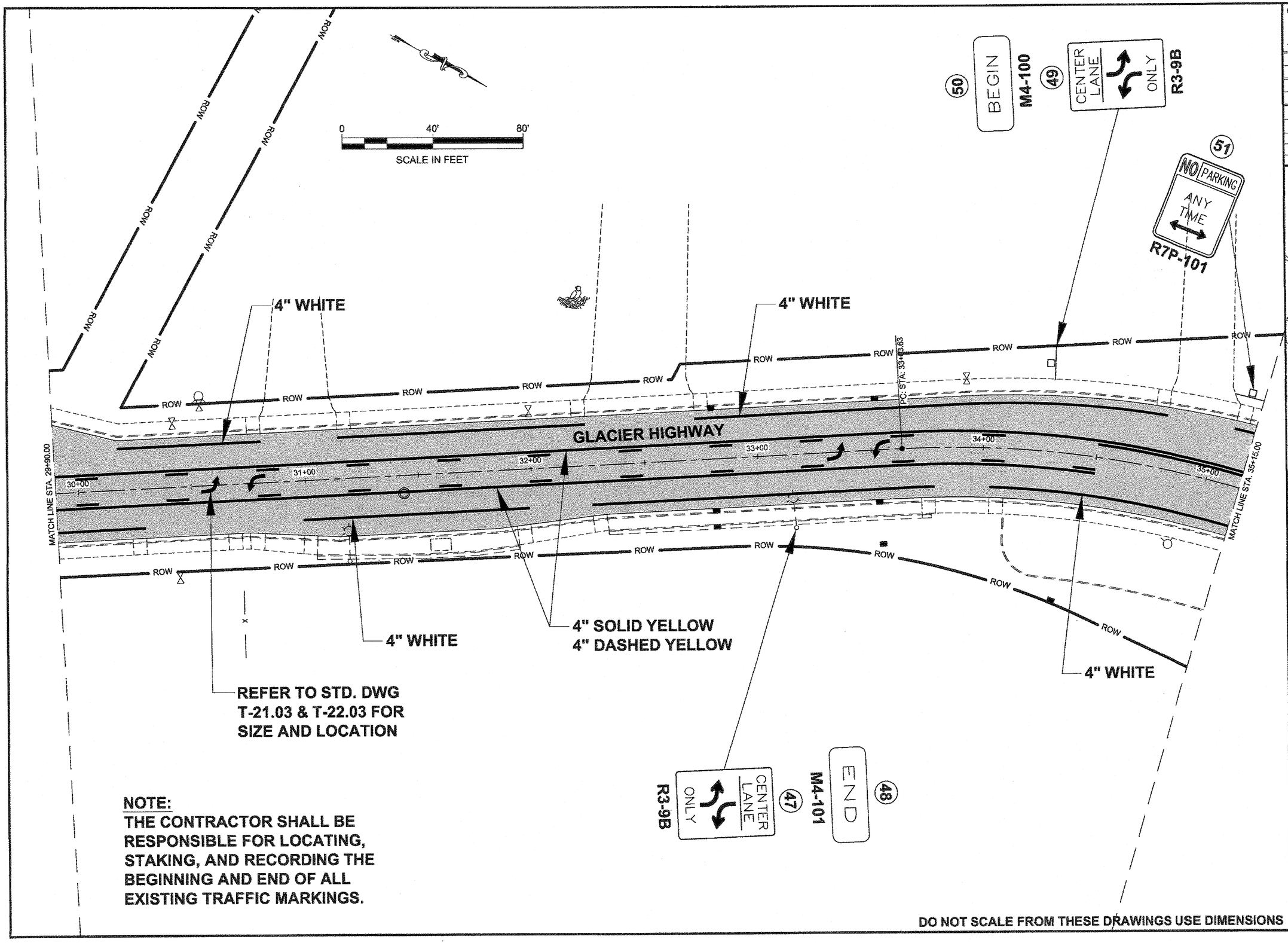
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R7	56



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

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

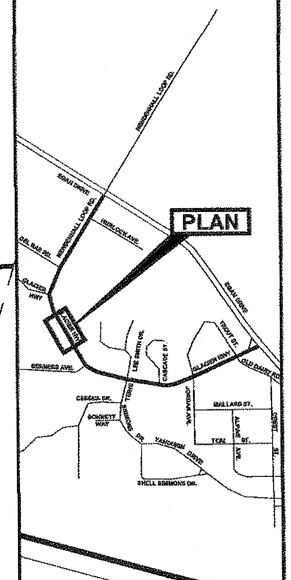
TAB: R8 Friday, August 24, 2012 2:07:08 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID S. EPSTEIN
CE-9868
REGISTERED PROFESSIONAL ENGINEER
5.24.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

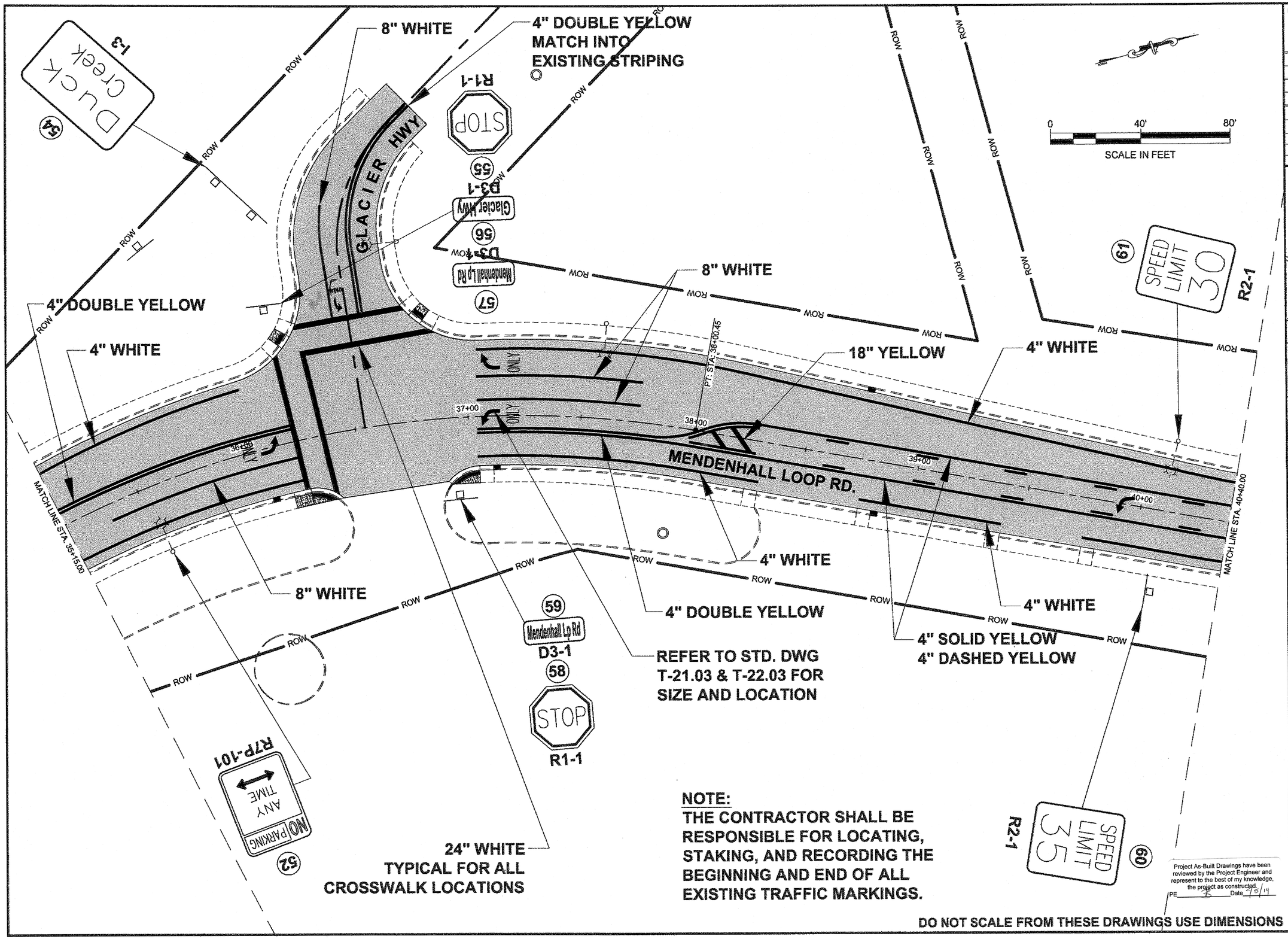
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION
EAP-000S(803) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R8	56



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

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 9/6/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

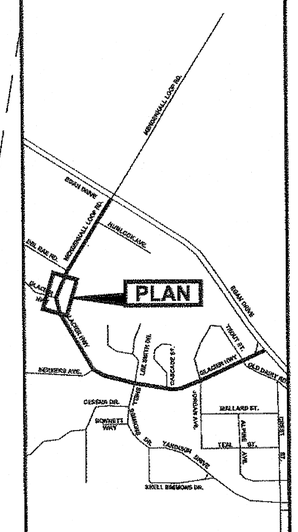
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MULLINER, DOUGLAS J (DOT)
TAB: R9 Friday, August 24, 2012 2:06:35 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6886
REGISTERED PROFESSIONAL ENGINEER
8.24.12

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

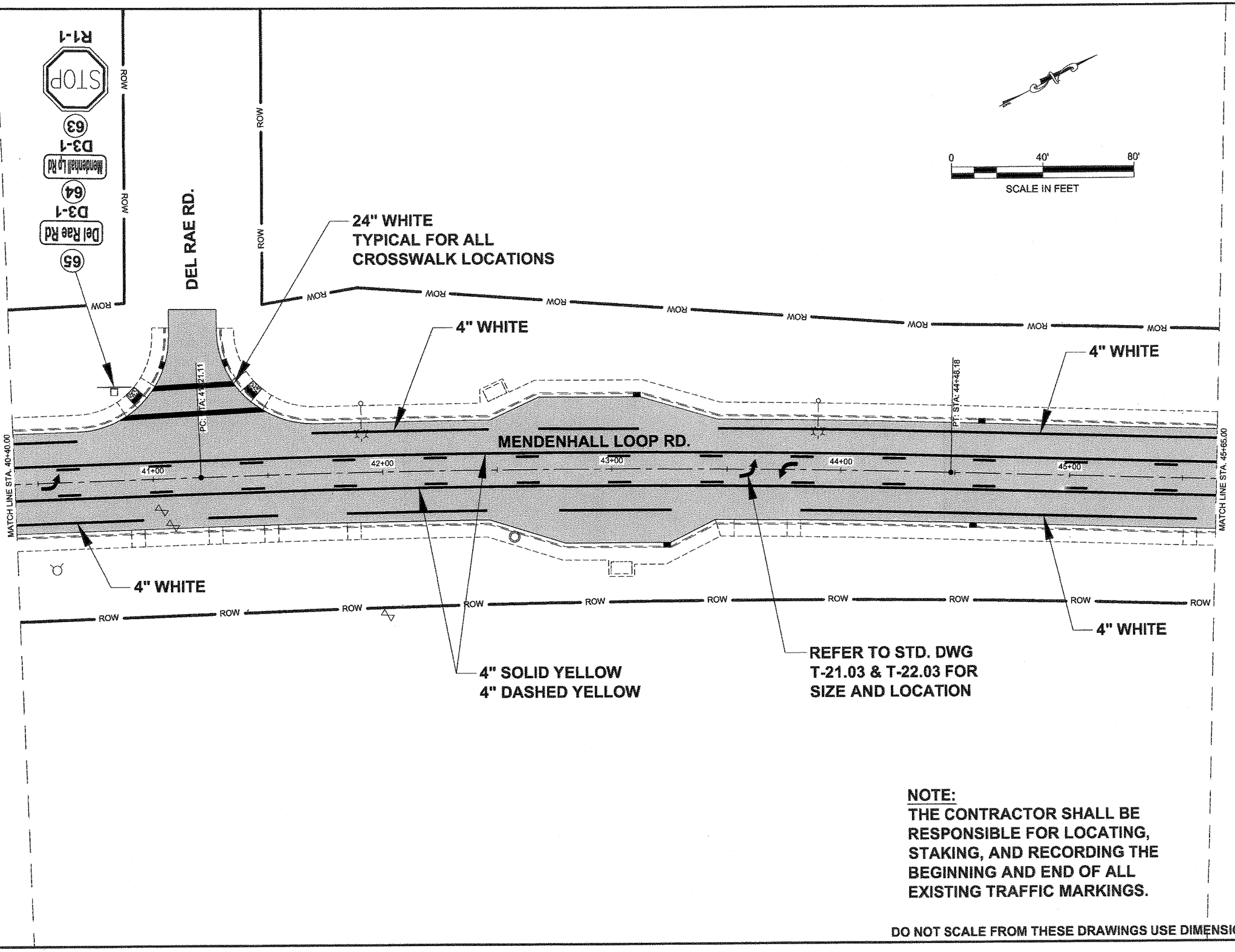
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION
EAP-000S(803) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R9	56



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

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG

MULLINER, DOUGLAS J (DOT)

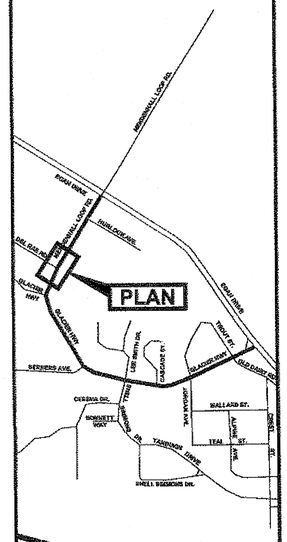
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
8.24.12

DESIGNED BY: D. MULLINER

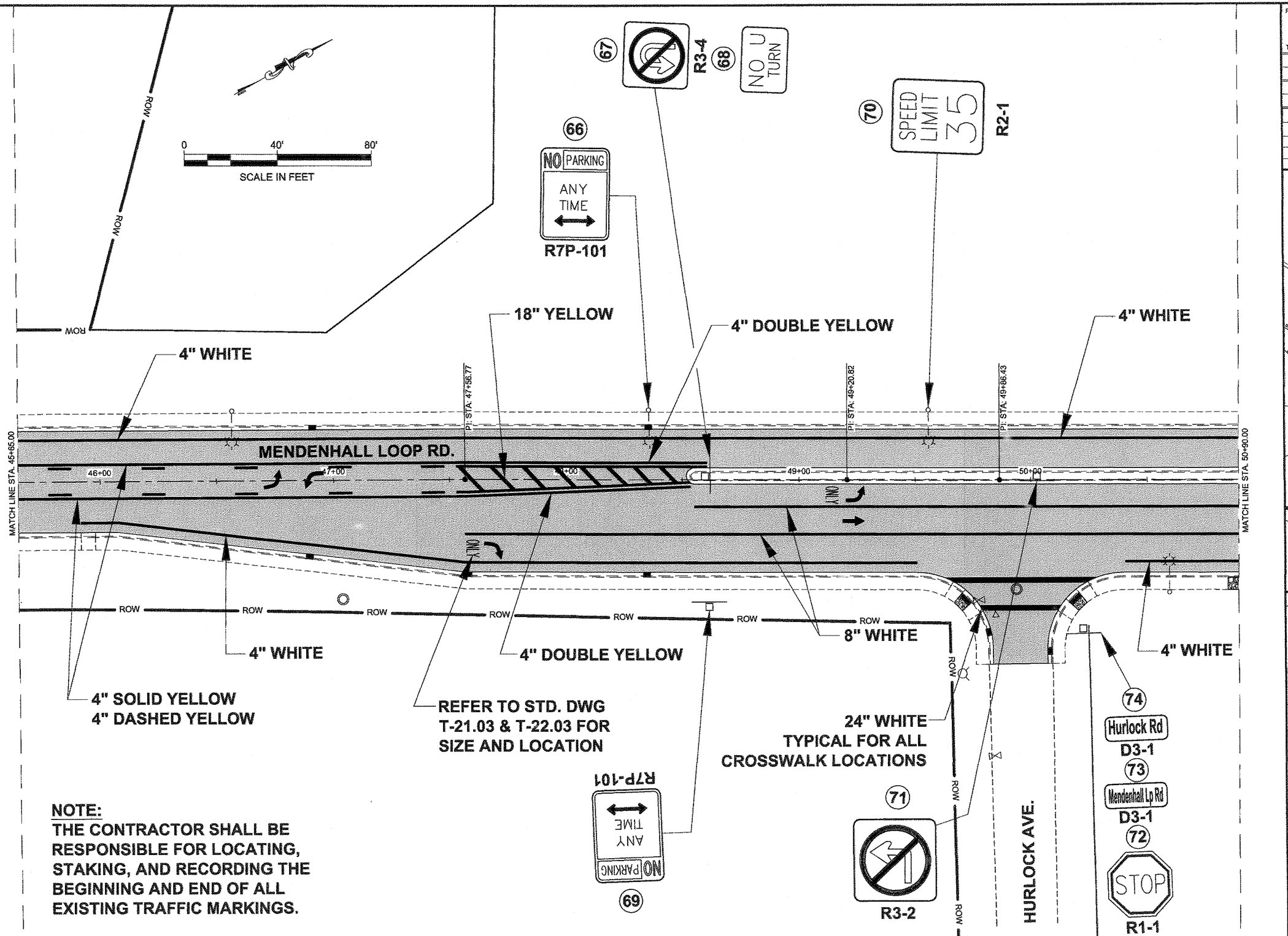
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R10	56



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

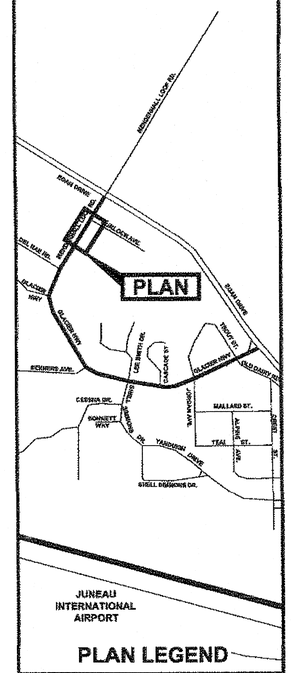
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MULLINER, DOUGLAS J (DOT)
TAB: R11 Friday, August 24, 2012 2:09:18 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
8.24.12

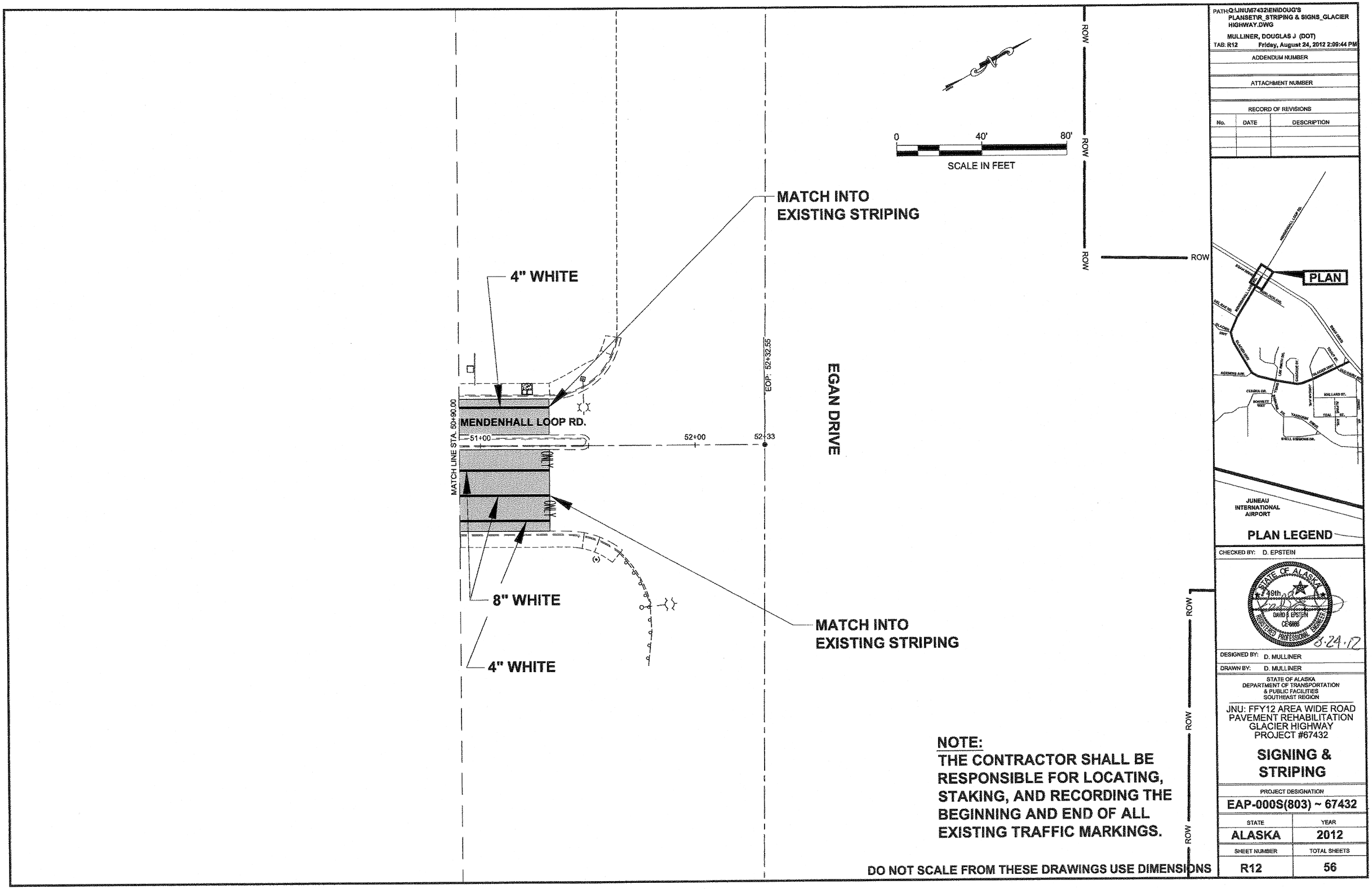
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R11	56



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

PATH: Q:\JNU\67432\EN\DOUG'S PLANSETS\R_STRIPING & SIGNS_GLACIER HIGHWAY.DWG
MULLINER, DOUGLAS J (DOT)
TAB: R12 Friday, August 24, 2012 2:09:44 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID S. EPSTEIN
CE-9668
REGISTERED PROFESSIONAL ENGINEER
3.24.12

DESIGNED BY: D. MULLINER

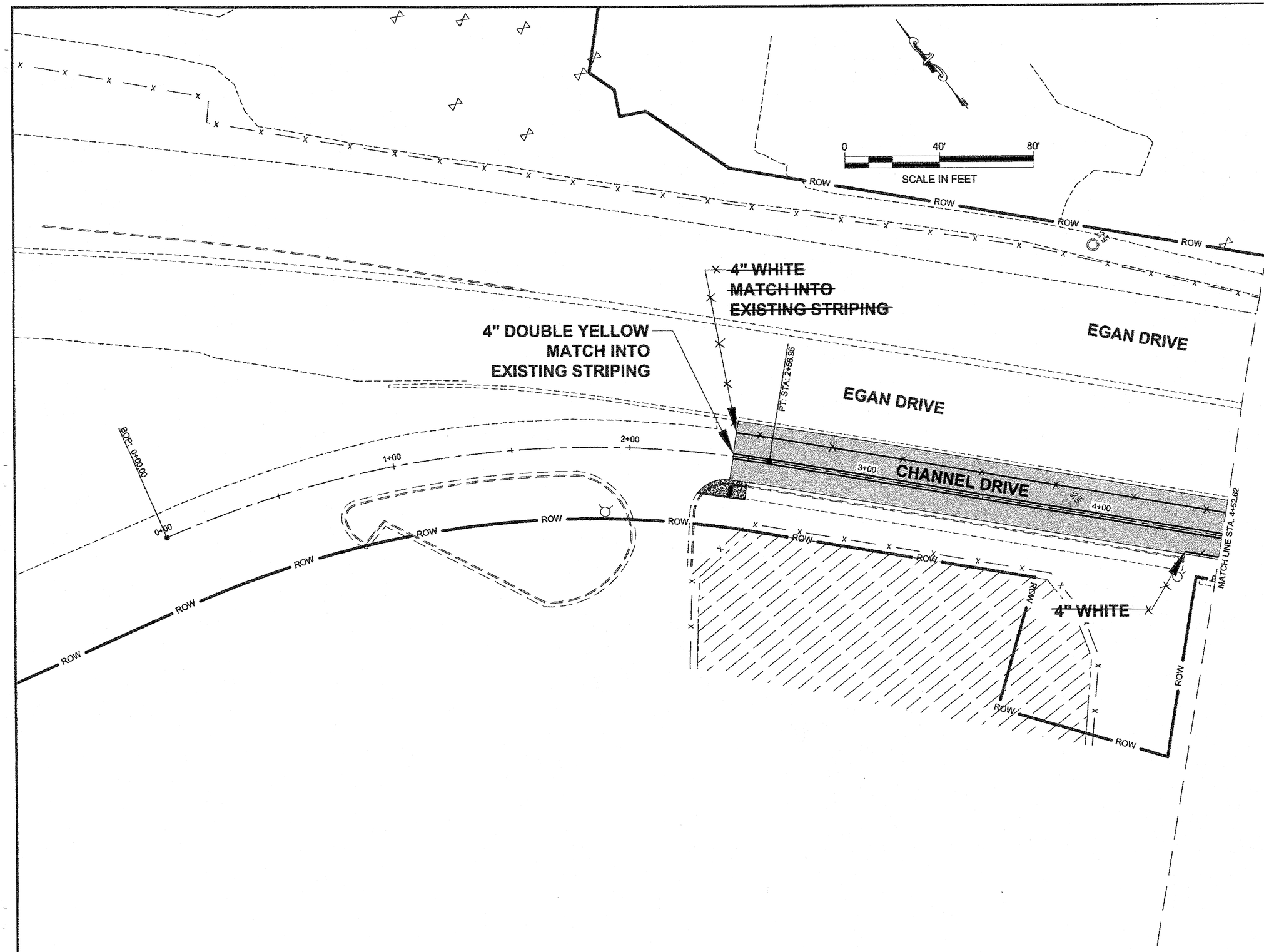
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HIGHWAY
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R12	56



PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_NEW_STRIPING & SIGNS_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)

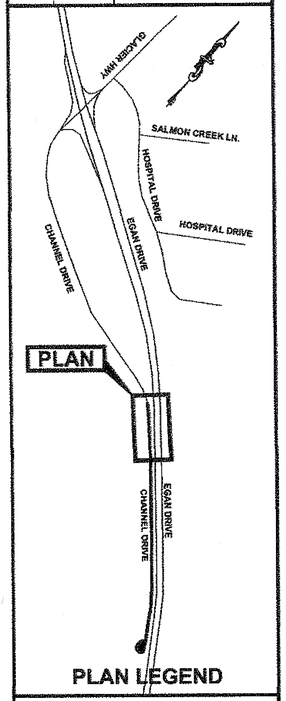
TAB: R13 Monday, August 20, 2012 11:13:59 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-9086
REGISTERED PROFESSIONAL ENGINEER
8.20.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD
PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R13	56

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW

0 40' 80'

SCALE IN FEET

EGAN DRIVE

4" DOUBLE YELLOW

4" WHITE

EGAN DRIVE

MATCH LINE STA. 4+52.62

5+00 6+00 7+00 CHANNEL DRIVE 8+00 9+00 10+00

ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW

4" WHITE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_NEW_STRIPING & SIGNS_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)

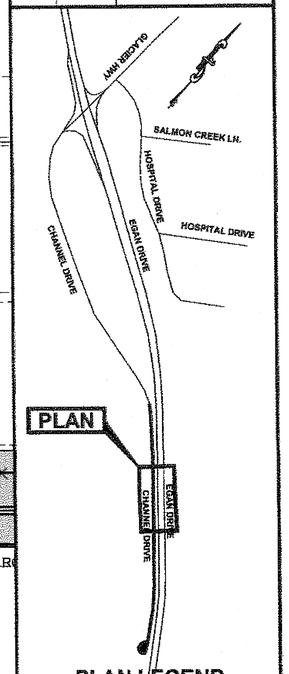
TAB: R14 Monday, August 20, 2012 11:14:07 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

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

8.20.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

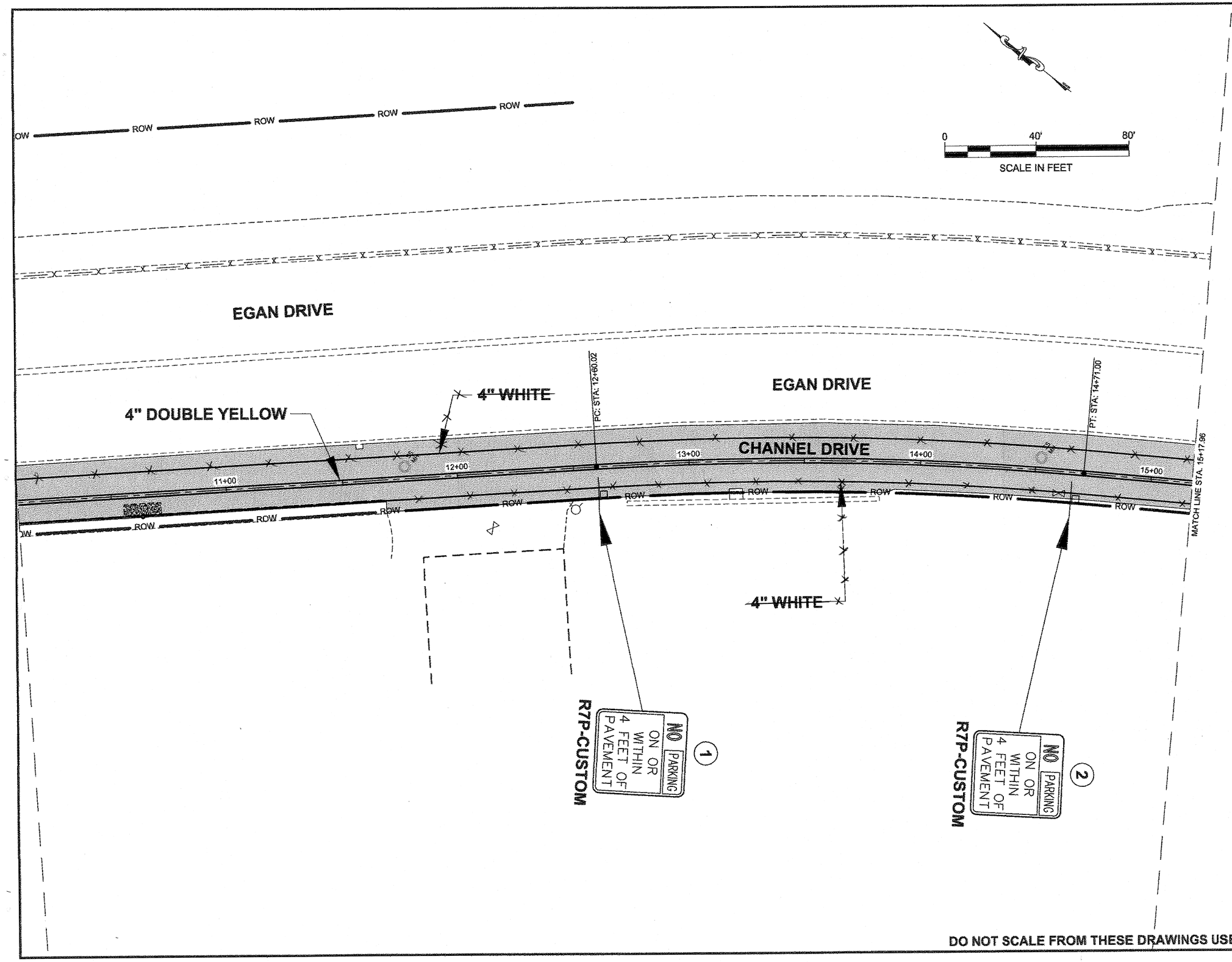
SIGNING & STRIPING

PROJECT DESIGNATION

EAP-000S(803) ~ 67432

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
R14	56



PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_NEW_STRIPING & SIGNS_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)

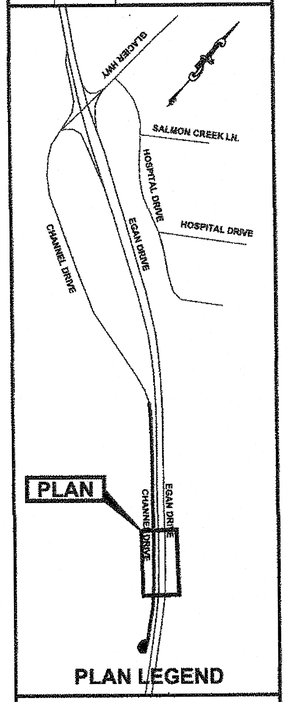
TAB: R15 Monday, August 20, 2012 11:14:15 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
19th
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
8.20.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION	
EAP-000S(803) ~ 67432	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R15	56

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\R_NEW_STRIPING & SIGNS_CHANNEL DRIVE.DWG

MULLINER, DOUGLAS J (DOT)

TAB: R16 Monday, August 20, 2012 11:14:23 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 40' 80'

SCALE IN FEET

EGAN DRIVE

EGAN DRIVE

END
4" DOUBLE YELLOW

~~END~~
~~4" WHITE~~

EOP: 17+39.00

CHANNEL DRIVE

16+00

17+00

17+39

MATCH LINE STA. 15+17.96

ROW

R7P-CUSTOM

NO PARKING ON OR WITHIN 4 FEET OF PAVEMENT

3

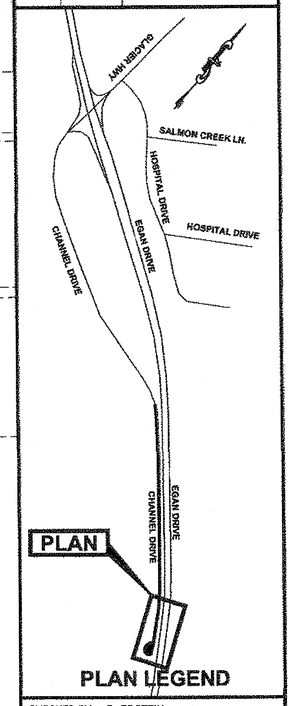
OM4-1

5

W14-100

END

4



PLAN LEGEND

CHECKED BY: D. EPSTEIN

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

8-20-12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

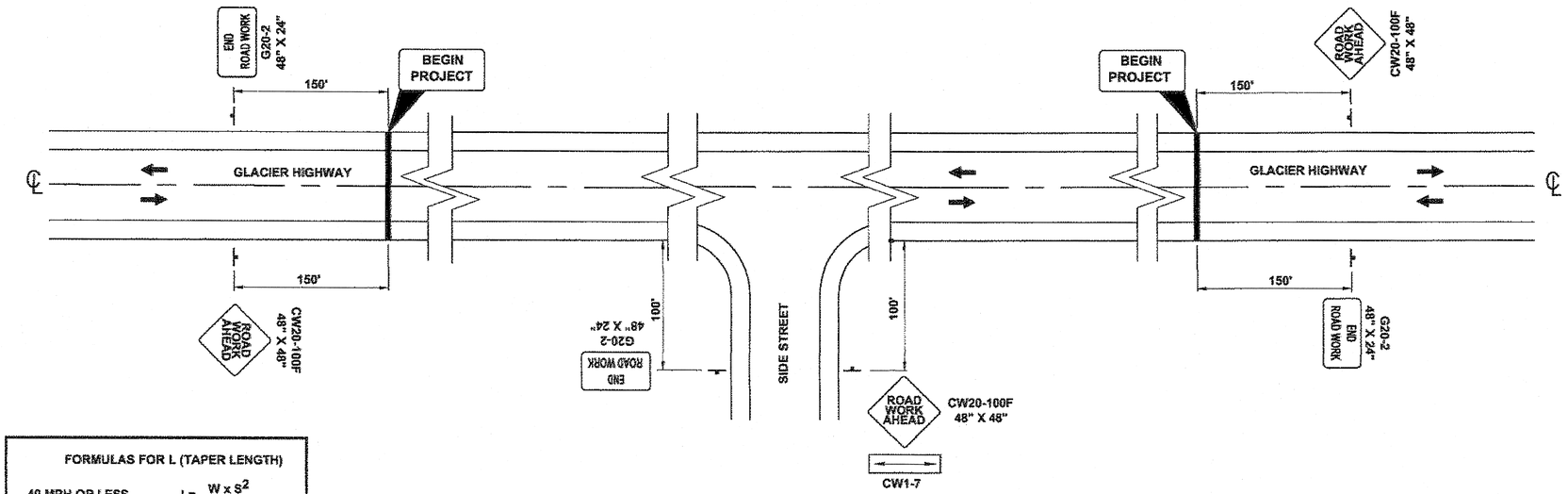
JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
CHANNEL DRIVE
PROJECT #67432

SIGNING & STRIPING

PROJECT DESIGNATION
EAP-000S(803) ~ 67432

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R16	56

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PERMANENT CONSTRUCTION SIGNING

N.T.S.

FORMULAS FOR L (TAPER LENGTH)

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

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

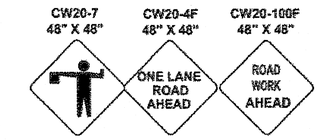
WHERE W=WIDTH OF OFFSET
S= POSTED SPEED LIMIT

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.

LEGEND

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

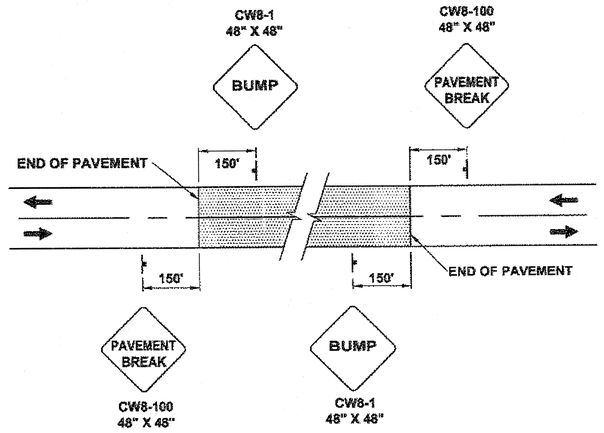
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

TRAFFIC CONTROL PLAN

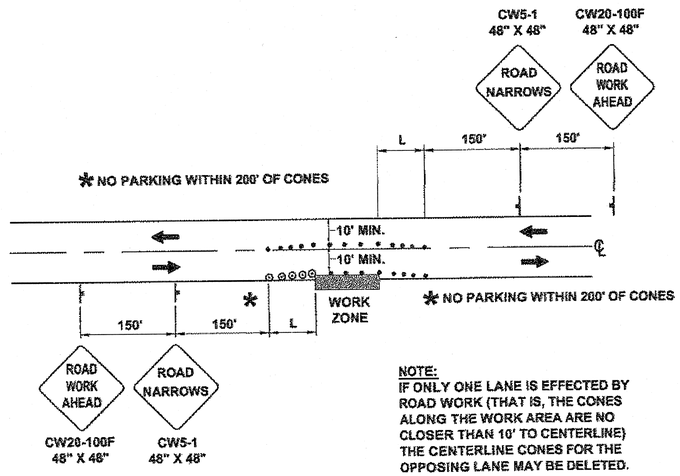
PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\S_TCP.DWG
TAB: S1 Thursday, September 27, 2012 8:08:28 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	S1	56



SIGNING FOR UNPAVED AREA

N.T.S.



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.

LEGEND

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/13/14

CHECKED BY:	D. EPSTEIN
DESIGNED BY:	D. MULLINER
DRAWN BY:	D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: FFY12 AREA WIDE ROAD PAVEMENT REHABILITATION
GLACIER HWY & CHANNEL DR
PROJECT #67432

TRAFFIC CONTROL PLAN

PATH: Q:\JNU\67432\EN\DOUG'S PLANSET\S_TCP.DWG
TAB: S2 Thursday, August 16, 2012 1:24:22 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			EAP-000S(813)~67432	2012	S2	56