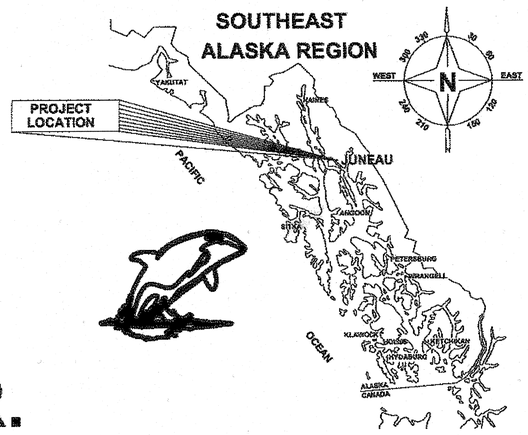
State of Alaska

Department of Transportation and Public Facilities Southeast Region

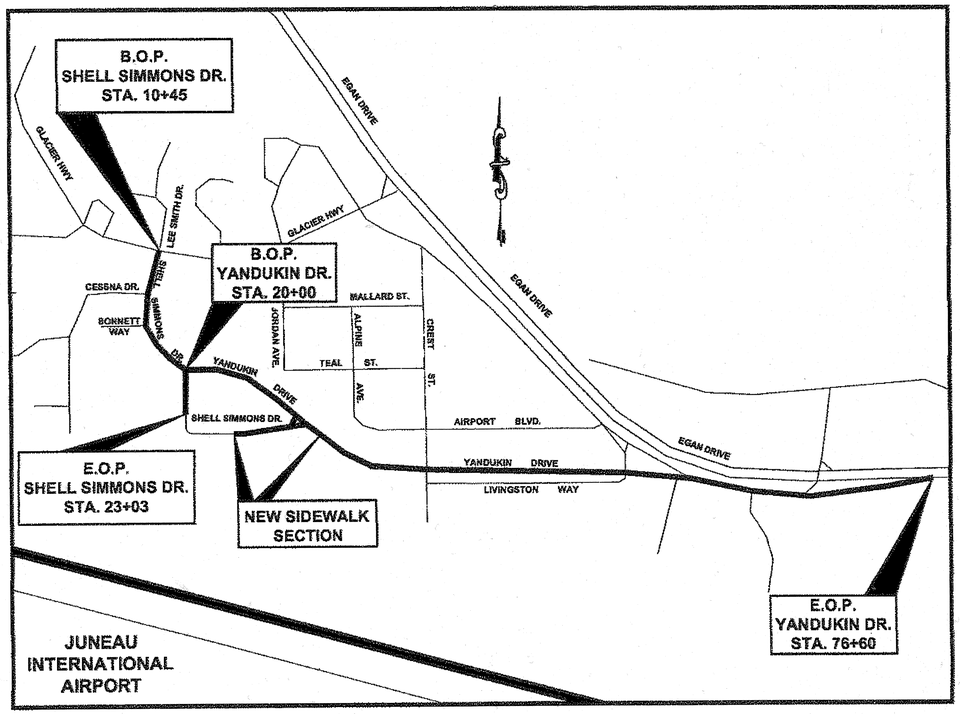
As - BUILT

CONTRACTOR: SECON
PE: VAL BEAN
BEGIN DATE: APRIL 23, 2013
END DATE: APRIL 15, 2014



JUNEAU, ALASKA
YANDUKIN DR./SHELL SIMMONS DR.

YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION (GLACIER HWY TO EGAN DR)
PROJECT NO. NH-000S(806) ~ 68045



VICINITY MAP

YANDUKIN DR. & SHELL SIMMONS DR.

A.D.T. 2010	=	4770
A.D.T. 2034	=	5380
D.H.V. (12%) 2034	=	650
% T	=	11.5%
V	=	19 TO 40 M.P.H.
E.A.L.	=	1,300,000

PROJECT SUMMARY

LENGTH OF PROJECT	=	1.4 MILES
LENGTH OF RESURFACING	=	1.4 MILES
WIDTH OF RESURFACING	=	32' TO 42'

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	D-22.01	G-00.02	S-00.11	T-20.03
C-04.12	D-23.01	G-04.06S	S-01.00	T-21.03
C-05.20	D-26.02	G-10.01	S-05.01	T-22.03
D-01.02		G-20.11	S-20.10	T-23.00
D-04.21		I-20.14	S-30.03	
		I-21.02		

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
B1-B4	TYPICAL SECTIONS
C1-C3	ESTIMATE OF QUANTITIES
D1-D4	SIGN SUMMARY
F1-F9	PLAN SHEETS
G1-G4	NEW SIDEWALK SHEETS
J1-J6	MISC DETAILS
P1-P4	EROSION AND SEDIMENT CONTROL PLANS
P5	EROSION AND SEDIMENT CONTROL DETAILS
R1-R9	SIGNING & STRIPING PLAN
S1-S2	TRAFFIC CONTROL PLAN

	CDS ROUTE #	START	END
CDS MILE POINT SHELL SIMMONS DR.	296325	0.000	0.445
CDS MILE POINT YANDUKIN DR.	CDS ROUTE #	START	END
	296324	0.946	0.000

PATH: C:\JNU\68045\EM\DOUG'S PLANSET\A1_TITLE SHEET.DWG TAB:A1
Monday, February 27, 2012 12:29:09 PM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

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

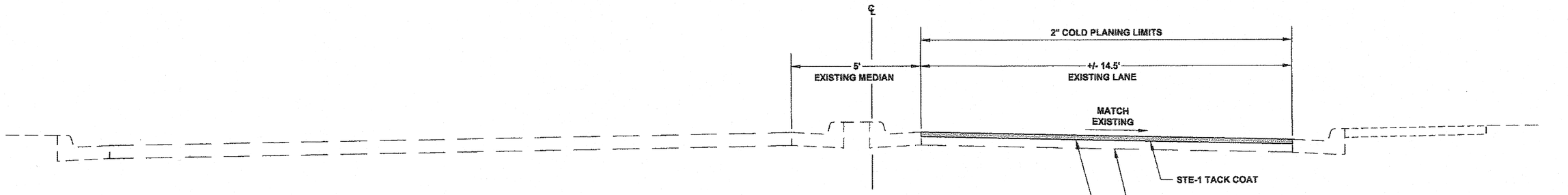
STATE OF ALASKA 49 TH
KEITH E. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
8/23/12

APPROVED: _____ 8/24/12
REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
CHUCK CORREA, P.E.

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

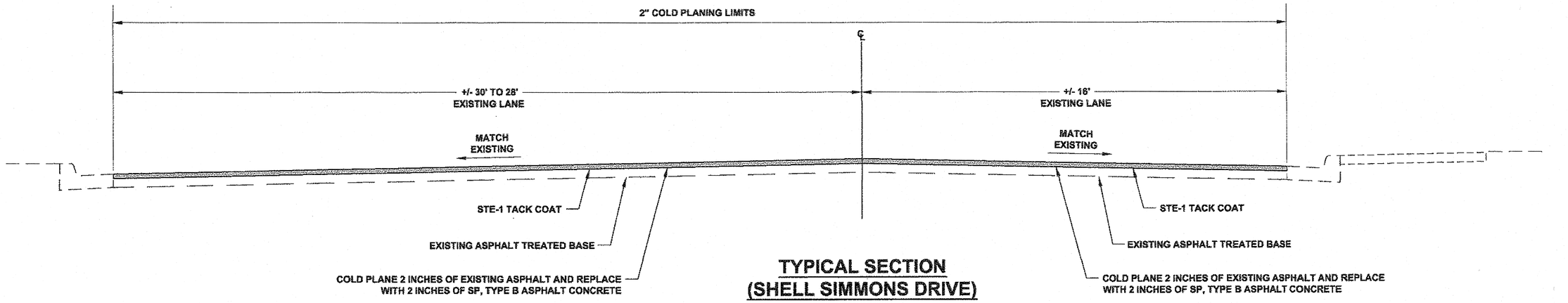
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:
_____ 3/4/14
CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-000S(806) ~ 68045	2012	A1	47



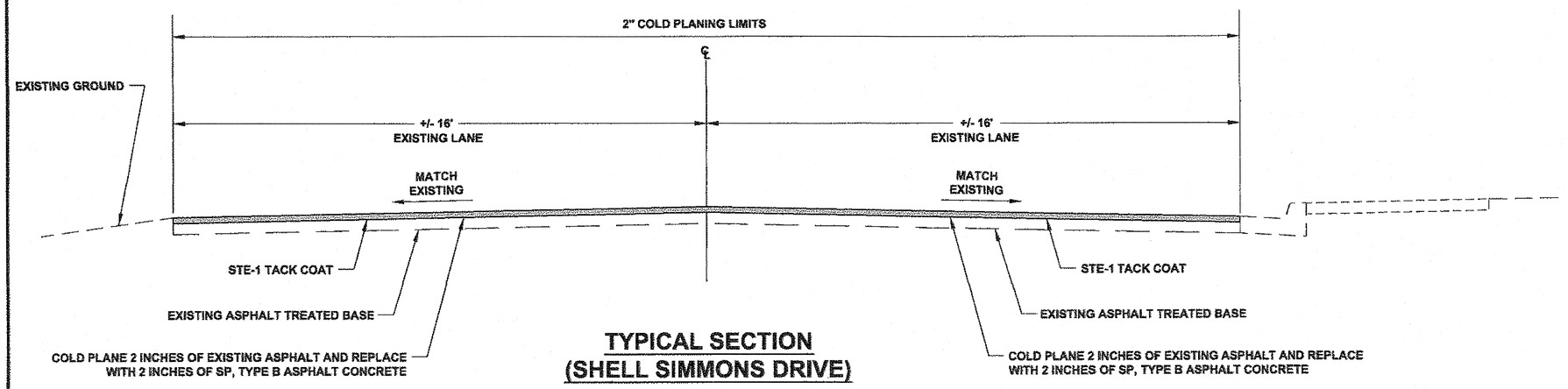
TYPICAL SECTION
(SHELL SIMMONS DRIVE)

STA. 10+45 TO STA. 12+20



TYPICAL SECTION
(SHELL SIMMONS DRIVE)

STA. 12+20 TO STA. 13+59



TYPICAL SECTION
(SHELL SIMMONS DRIVE)

STA. 13+59 TO STA. 19+74 (LT) & STA. 20+67 (RT)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH B. KARPSTEIN
CE-12904
PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

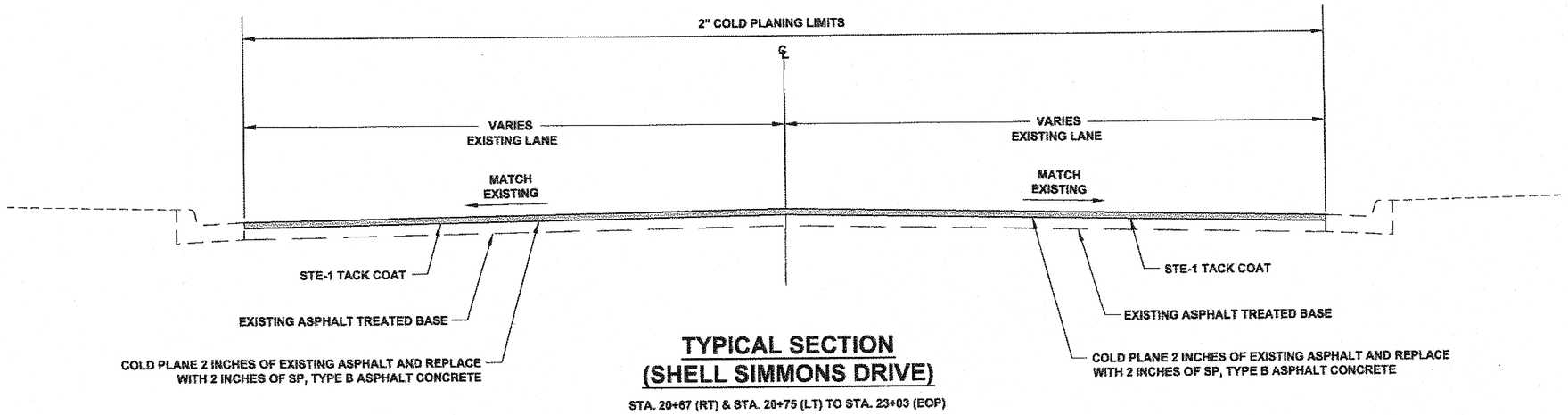
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION PROJECT #68045

TYPICAL SECTIONS

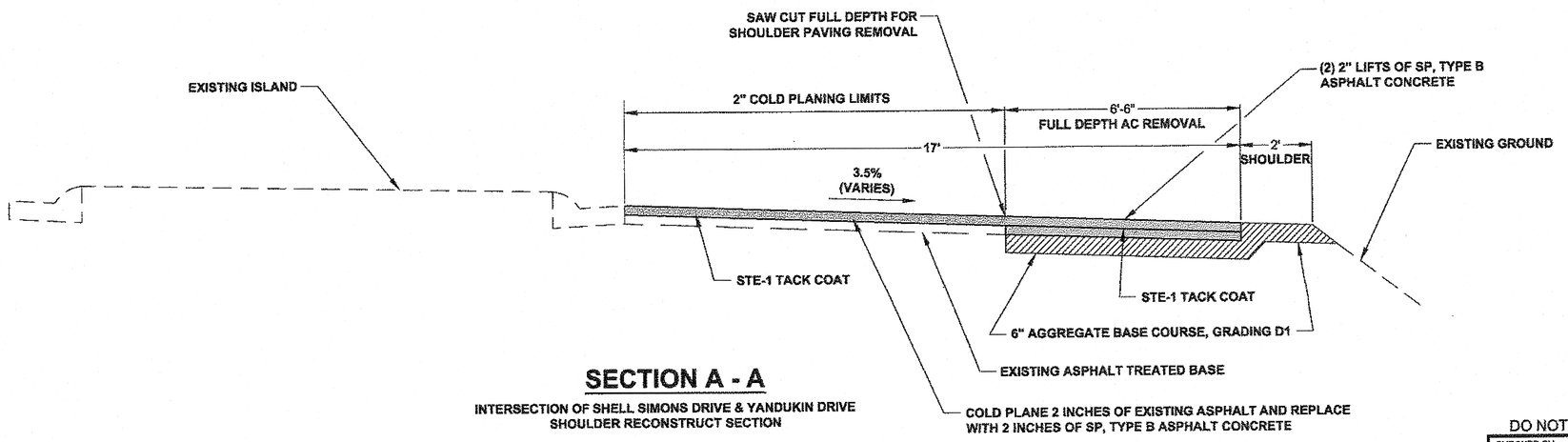
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REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-000S(806) ~ 68045	2012	B1	47



TYPICAL SECTION
(SHELL SIMMONS DRIVE)

STA. 20+67 (RT) & STA. 20+75 (LT) TO STA. 23+03 (EOP)



SECTION A - A

INTERSECTION OF SHELL SIMONS DRIVE & YANDUKIN DRIVE
SHOULDER RECONSTRUCT SECTION

STA. 19+73 (SHELL SIMMONS DRIVE)
STA. 20+74 (YANDUKIN DRIVE)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH B. KARPSTEIN
CE-12904
49th
REGISTERED PROFESSIONAL ENGINEER
8/23/12

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

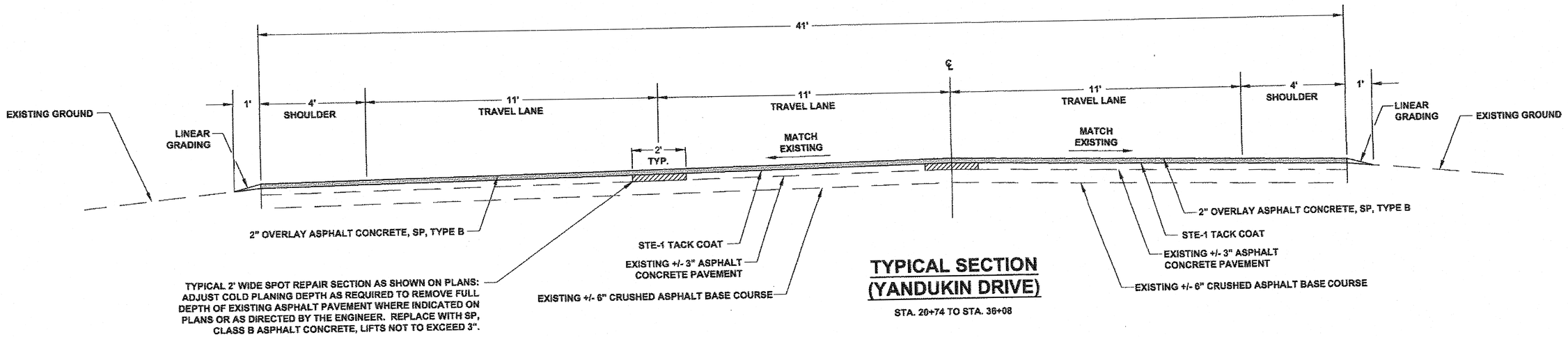
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION PROJECT #68045

TYPICAL SECTIONS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\B_TYPICALS.DWG
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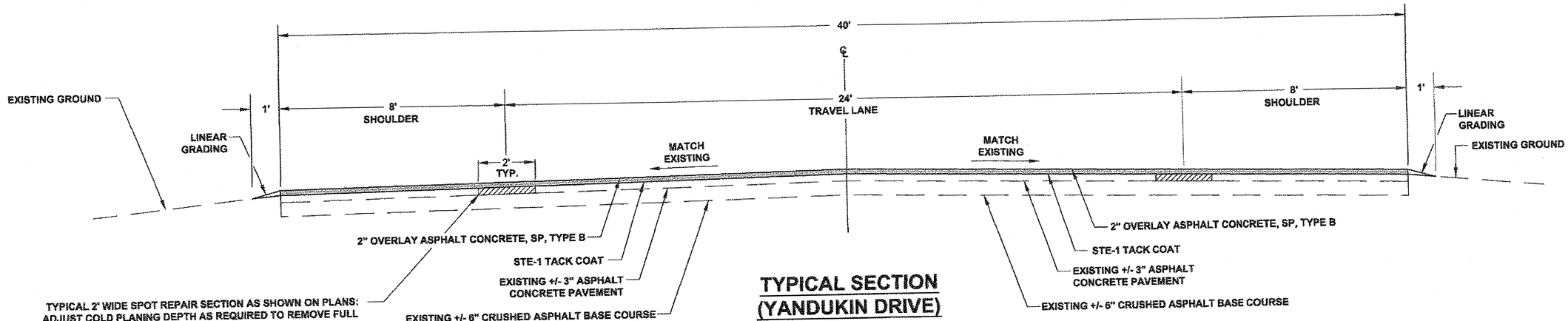
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806) ~ 68045	2012	B2	47



TYPICAL 2' WIDE SPOT REPAIR SECTION AS SHOWN ON PLANS: ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

TYPICAL SECTION (YANDUKIN DRIVE)

STA. 20+74 TO STA. 36+08



TYPICAL 2' WIDE SPOT REPAIR SECTION AS SHOWN ON PLANS: ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

TYPICAL SECTION (YANDUKIN DRIVE)

STA. 36+08 TO STA. 63+28

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

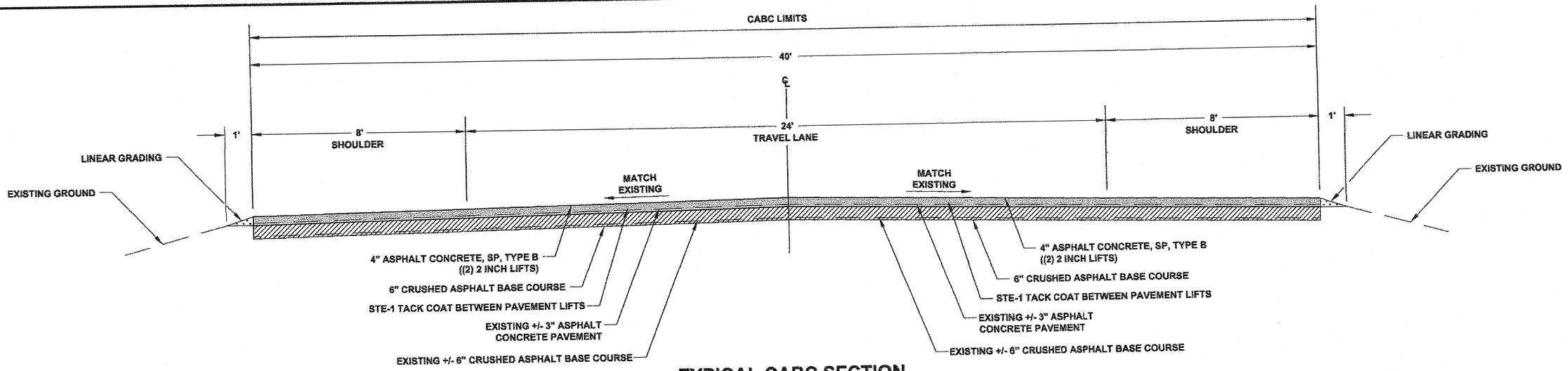
STATE OF ALASKA 49th KEITH B. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 8/23/12

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

TYPICAL SECTIONS

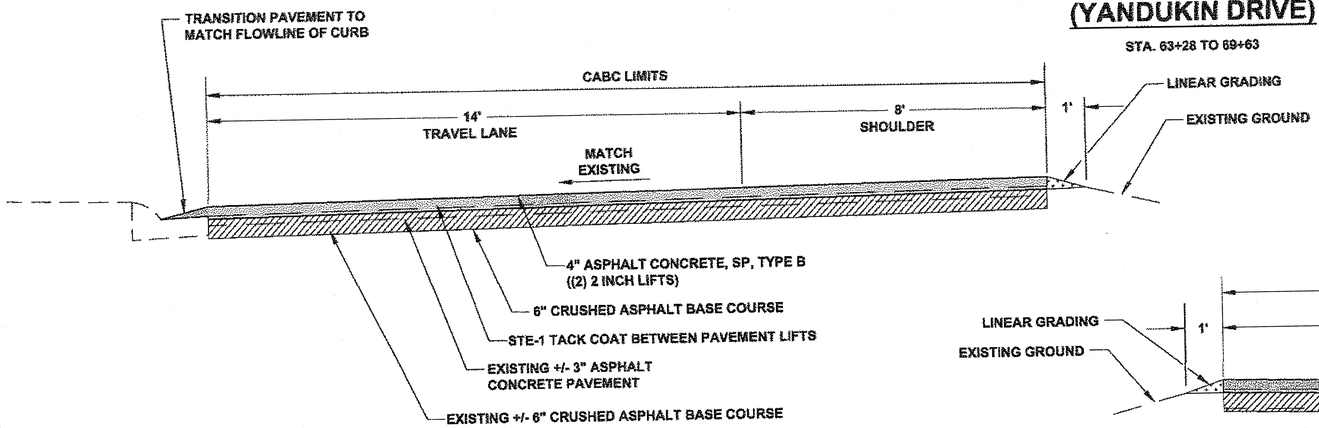
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER
PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\B_TYPICALS.DWG
TAB: B3 Wednesday, August 22, 2012 8:16:51 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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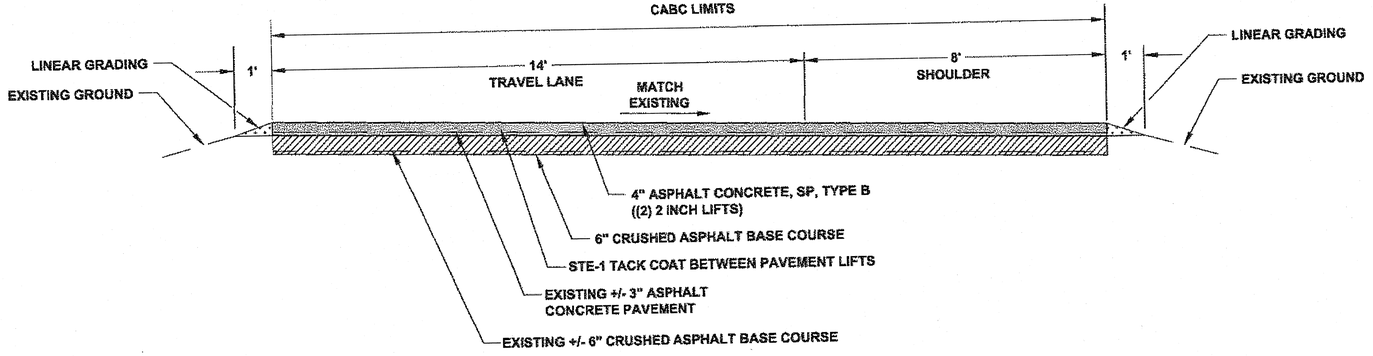
TYPICAL CABC SECTION (YANDUKIN DRIVE)

STA. 63+28 TO 69+63



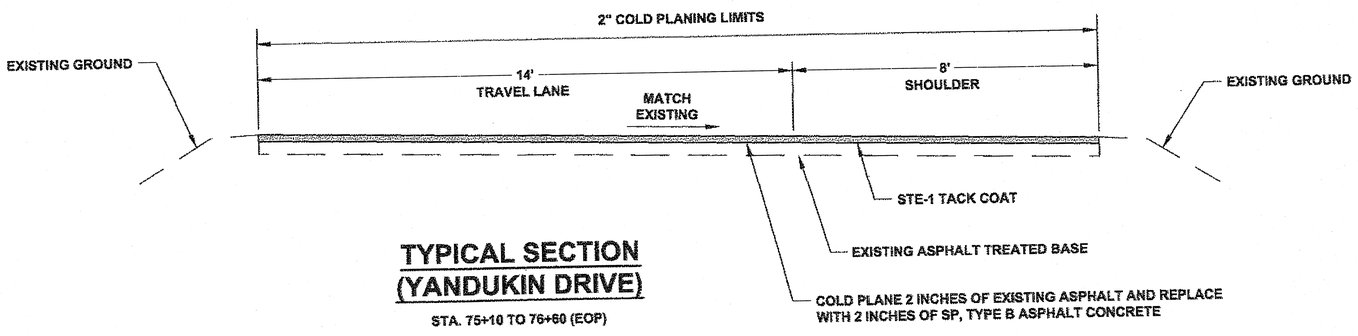
TYPICAL CABC SECTION (YANDUKIN DRIVE)

STA. 69+63 TO 70+15



TYPICAL CABC SECTION (YANDUKIN DRIVE)

STA. 70+15 TO 75+10



TYPICAL SECTION (YANDUKIN DRIVE)

STA. 75+10 TO 76+60 (EOP)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

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

8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION PROJECT #68045

TYPICAL SECTIONS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\B_TYPICALS.DWG
TAB: B4 Thursday, August 23, 2012 9:18:46 AM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-000S(806) ~ 68045	2012	B4	47

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201 (3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	~~135~~ 118.40
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	~~330~~ 337.
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	~~345~~ 421.20
301 (1)	AGGREGATE BASE COURSE, GRADING D1	TON	~~250~~ 259.04
303 (3)	LINEAR GRADING	STATION	~~115~~ 90.60
304 (1)	SUBBASE, GRADING B	TON	~~740~~ 608.89
308 (1)	CRUSHED ASPHALT BASE COURSE	SQUARE YARD	~~4720~~ 4780.10
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	TON	~~50~~ 55.83
308 (3)	PORTLAND CEMENT	TON	~~17~~ 14.87
308 (4)	AGGREGATE FOR CABC	TON	~~237~~ 0
401 (1)	ASPHALT CONCRETE, SP, TYPE B	TON	~~4610~~ 4949.92
401 (2)	ASPHALT CEMENT, GRADE 64-28	TON	~~277~~ 319.24
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	~~17~~ 13.73
408 (1)	PAVEMENT COLD PLANING	SQUARE YARD	~~29303~~ 8673.61
408 (2)	2 FOOT WIDE SPOT REPAIR	LINEAR FOOT	~~6338~~ 8262
603 (21)	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	115
604 (4)	ADJUST EXISTING MANHOLE	EACH	1
604 (5)	INLET, TYPE A	EACH	3
604 (8)	ADJUST EXISTING INLET HOOD	EACH	2
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	~~600~~ 576
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	~~648~~ 631
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	4
608 (1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	~~465~~ 437.79
608 (6)	CURB RAMP	EACH	~~14~~ 13
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	~~1030~~ 1036
611 (1)	RIPRAP, CLASS I	CUBIC YARD	~~10~~ 18
615 (1)	STANDARD SIGN	SQUARE FOOT	~~1017~~ 1016.25
618 (1)	SEEDING	ACRE	~~0.2~~ 0.1
620 (1)	TOPSOIL	SQUARE YARD	~~220~~ 460.40
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	~~14~~ 4
629 (1)	GUARDRAIL PAVING	LINEAR FOOT	~~750~~ 0
632 (1)	PAVING FABRIC	SQUARE YARD	100
639 (3)	DRIVEWAY	EACH	4
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	18
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	18
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 (10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	252.30

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
201 (3B)	CLEARING AND GRUBBING	0.2 ACRES
301 (1)	AGGREGATE BASE COURSE GRADING D-1	2 TON/CY
304 (1)	SUBBASE, GRADING B	2 TON/CY
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	2.6 GAL/SY FOR 6" DEPTH
308 (3)	PORTLAND CEMENT	6.8 LB/SY FOR 6"DEPTH
308 (4)	AGGREGATE FOR CABC	20 TONS/STATION
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)

UTILITY COMPANY 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

NEW ITEMS ESTABLISHED BY CHANGE ORDER

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (7)	J-BOX ADJUSTMENTS	CONT. SUM	ALL REQUIRED
401 (1A)	ASPHALT CONCRETE, CBJ MIX	TON	278.17
401 (2A)	ASPHALT CEMENT, CBJ MIX	TON	16.69
670 (10A)	ADDITIONAL METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

ESTIMATE OF QUANTITIES

STATE OF ALASKA · 49th · KEITH B. KARPSTEIN · CE-12904 · REGISTERED PROFESSIONAL ENGINEER · 9/29/12

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

PATH: Q:\JNU\68045\ENDOUG'S PLANSET\C_EST QUANTITIES SHT.DWG
TAB: C1 Friday, September 28, 2012 2:08:37 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	C1	47

202(3) REMOVAL OF SIDEWALK

STATION	OFFSET	AREA (SY)	REMARKS
SHELL SIMMONS DRIVE			
~~10+45~~	~~LT~~	~~4~~	DELETED BY ADDENDUM # 2
10+57	RT	4	
13+23	RT	4	
13+75	RT	4	
15+62	RT	4	
15+98	RT	4	
20+61	RT	4	
21+02 TO 22+48	RT	82	
22+69	RT	4	
SHELL SIMMONS DRIVE SOUTH			
0+31 TO 0+50	RT	20	RENTAL CAR RETURN ENTRANCE

202(2) REMOVAL OF PAVEMENT ADD #2

STATION	OFFSET	AREA (SY)	REMARKS
YANDUKIN DRIVE			
29+63	27' RT	12	See Sheet F4
35+47	15' LT	3	See Sheet F5

604(8) ADJUST EXISTING INLET HOOD

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
12+98	RT	
14+02	RT	

606 (1) W-BEAM GUARDRAIL

FROM STATION	TO STATION	OFFSET	LENGTH	REMARKS
YANDUKIN DRIVE				
34+~~55~~ 30	39+~~27~~ 14	LT	~~474~~ 476	
38+~~24~~ 37	39+~~50~~ 37	RT	~~426~~ 100	

606 (6) GUARDRAIL REMOVAL AND DISPOSAL

FROM STATION	TO STATION	OFFSET	LENGTH	REMARKS
YANDUKIN DRIVE				
34+16	39+14	LT	~~498~~ 480	
37+87	39+37	RT	~~150~~ 151	

606 (13) PARALLEL GUARDRAIL TERMINAL

STATION	OFFSET	REMARKS
YANDUKIN DRIVE		
34+16	LT	
37+87	RT	
39+64	LT	
39+87	RT	

202(9) REMOVAL OF CURB & GUTTER

OFFSET	STATION FROM	STATION TO	LENGTH (LF)	REMARKS
SHELL SIMMONS DRIVE				
RT	21+02	22+48	180	
YANDUKIN DRIVE				
RT	28+82	29+54	~~90~~ 88	
SHELL SIMMONS DRIVE SOUTH				
LT	0+~~45~~ 55	0+~~51~~ 64	~~46~~ 19	
RT	0+33	0+50	~~42~~ 50	RENTAL CAR RETURN ENTRANCE

603 CULVERT INSTALLATION

PIPE	INLET STATION	INLET OFFSET	INLET INVERT	OUTLET STATION	OUTLET OFFSET	OUTLET INVERT	LENGTH (FT)	SIZE	REMARKS	APPROX GRADE
SHELL SIMMONS DRIVE SOUTH										
P-1	2+55	RT	23.65	2+55	RT	23.25	20	18" CPP		2.00%
P-2	6+00	RT	25.60	S-3	RT	24.50	80	18" CPP		1.38%
P-3	6+81	RT	24.50	6+81	RT	24.18	15	18" CPP		2.13%

604(4) ADJUST EXISTING MANHOLE

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
13+62	27' RT	

604(5) INLET, TYPE A

STRUCT. NO.	STATION	OFFSET	TOP BACK OF CURB ELEV.	REMARKS
SHELL SIMMONS DRIVE SOUTH				
S-1	2+55	RT	26.90	GRATE STYLE PER STD. DWG. D-23.01
S-2	6+00	RT	27.84	GRATE STYLE PER STD. DWG. D-23.01
S-3	6+81	RT	28.73	GRATE STYLE PER STD. DWG. D-23.02

1. ALL PIPES ARE TO EXTEND MIN. 1" AND MAX. 2" INTO CATCH BASIN. GROUT INTERIOR AND EXTERIOR BETWEEN FRAME, SECTIONS AND CATCH BASIN.
2. PROVIDE BICYCLE SAFE GRATE.

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA · 49th · KEITH M. KARPSTEIN, P.E. · CE-12904 · REGISTERED PROFESSIONAL ENGINEER

8/23/12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

ESTIMATE OF QUANTITIES

PATH: Q:\JUN\68045\EM\DOUG'S PLANSET\C_EST QUANTITIES SHT.DWG
TAB: C2 Thursday, August 23, 2012 9:36:50 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	C2	47

608(1A) CONCRETE SIDEWALK (4 INCH)

STATION FROM	STATION TO	OFFSET	LENGTH (FT)	AREA (SY)	REMARKS
SHELL SIMMONS DRIVE					
21+02	22+48	RT	147	82	
SHELL SIMMONS DRIVE SOUTH					
0+81	7+66	RT	695	380	NEW SIDEWALK SECTION

639(3) DRIVEWAY

STATION	OFFSET	WIDTH (FT)	LENGTH (FT)	REMARKS
YANDUKIN DRIVE				
33+38	RT	37	-	WARD AIR ENTRANCE
59+40	RT	24	5	FAA ACCESS ROAD
66+43	RT	30	5	MAPLESDEN WAY
68+65	RT	30	5	

608(6) CURB RAMP

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
~~10+45~~	~~LT~~	DELETED by ADDENDUM # 2
10+57	RT	
13+23	RT	
13+75	RT	
15+62	RT	
15+98	RT	
20+61	RT	
21+11	RT	
22+39	RT	
22+69	RT	
SHELL SIMMONS DRIVE SOUTH		
0+55	LT	
0+43	RT	
0+94	RT	
7+22	RT	

642(9) REFERENCE EXISTING MONUMENT

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
13+37	CL MON	PC
13+47	CL MON	CENTER LINE INTERSECTION MONUMENT CESSNA DRIVE
13+51	73' RT	CENTER LINE MONUMENT CESSNA DR. (MIGHT BE PAVED OVER)
13+65	CL MON	PT
14+77	CL MON	PC
17+83	CL MON	PT
YANDUKIN DRIVE		
20+06	CL MON	PC
25+60	CL MON	PT
32+98	CL MON	PI
33+87	CL MON	PC
38+48	CL MON	PT
40+56	CL MON	INTERSECTION OF YANDUKIN DR. & CREST ST.
50+10	CLMON	PC
55+53	CL MON	(POC) INTERSECTION OF YANDUKIN DR. & OLD DAIRY ROAD
63+28	CL MON	PT
65+43	CL MON	PC
SHELL SIMMONS DRIVE SOUTH		
1+57	CL MON	MONUMENT MAY BE PAVED OVER OR NON-EXISTENT
3+55	CL MON	MONUMENT CASE, MONUMENT NOT FOUND AND MAY BE BURIED, ADJUST MONUMENT CASE TO NEW PAVEMENT ELEVATION

642(11) ADJUST EXISTING MONUMENT CASE

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
13+37	CL MON	PC
13+47	CL MON	CENTER LINE INTERSECTION MONUMENT CESSNA DRIVE
13+51	73' RT	CENTER LINE MONUMENT CESSNA DR. (MIGHT BE PAVED OVER)
13+65	CL MON	PT
14+77	CL MON	PC
17+83	CL MON	PT
YANDUKIN DRIVE		
20+06	CL MON	PC
25+60	CL MON	PT
32+98	CL MON	PI
33+87	CL MON	PC
38+48	CL MON	PT
40+56	CL MON	INTERSECTION OF YANDUKIN DR. & CREST ST.
50+10	CLMON	PC
55+53	CL MON	(POC) INTERSECTION OF YANDUKIN DR. & OLD DAIRY ROAD
63+28	CL MON	PT
65+43	CL MON	PC
SHELL SIMMONS DRIVE SOUTH		
1+57	CL MON	MONUMENT MAY BE PAVED OVER OR NON-EXISTENT
3+55	CL MON	MONUMENT CASE, MONUMENT NOT FOUND AND MAY BE BURIED, ADJUST MONUMENT CASE TO NEW PAVEMENT ELEVATION

609(2) CURB & GUTTER

OFFSET	STATION FROM	STATION TO	LENGTH (LF)	REMARKS
SHELL SIMMONS DRIVE				
RT	21+~~82~~00	22+~~48~~40	~~180~~ 173	
YANDUKIN DRIVE				
RT	28+82	29+54	~~98~~ 87	CURB RETURN AT SHELL SIMMONS AND YANDUKIN
SHELL SIMMONS DRIVE SOUTH				
RT	0+~~35~~ 38	0+~~48~~ 56	~~40~~ 51	NEW RAMP CONSTRUCTION AT CAR RENTAL ENTRANCE
LT	0+~~45~~ 41	0+~~61~~ 60	~~17~~ 19	
RT	0+~~79~~ 85	7+~~86~~ 80	~~700~~ 706	NEW SIDEWALK SECTION

627(10) ADJUST VALVE BOX

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
10+41	51' RT	
13+33	25' RT	
15+99	24' RT	
16+16	13' RT	
22+83	20' RT	
YANDUKIN DRIVE		
40+36	29.5' RT	
40+40	26.5' RT	
41+05	23.5' RT	
41+07	22' RT	
41+12	23.5' RT	
55+17	23' RT	
55+22	23' RT	
55+31	24' RT	
66+53	26.5' RT	

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 8/14/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JUN-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

ESTIMATE OF QUANTITIES

PATH: Q:\JNU\68045\ENG\DOUG'S PLANSET\C_EST QUANTITIES SHT.DWG
TAB: C3 Thursday, August 23, 2012 9:39:02 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	C3	47

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
	SHELL SIMMONS DRIVE										
1	SPEED LIMIT 35	11+50	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	SB	
2	CELL PHONE WAITING LOT	12+11	RT	-	-	-		-	-	-	SIGN TO REMAIN
3	LANE USE CONTROL - MULTIPLE LANES (ARROWS)	12+64	LT	R3-8 L/SR	30	30	6.25	2.5 PST	4'-6"	NB	
4	STOP	13+37	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
5	Shell Simmons Dr	13+37	LT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #4
6	STOP	13+79	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
7	Cessna Dr	13+79	RT	D3-1	30	8	1.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #6
8	Shell Simmons Dr	13+79	RT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #7
9	CELL PHONE WAITING LOT	14+25	LT	-	-	-		-	-	-	SIGNS TO REMAIN
10	ROTARY INTERNATIONAL/JUNEAU-GLACIER VALLEY/AIRPORT/BARANOF HOTEL	15+23	LT	-	-	-		-	-	-	SIGNS TO REMAIN
11	NO PARKING ANY TIME	15+55	RT	R7P-101	12	18	1.50	2.5 PST	4'-6"	SB	REMOVE FROM POWER POLE AND MOUNT ON 2.5 PST
12	STOP	15+85	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
13	STOP	16+06	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
14	Bonnett Way	16+06	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #13
15	Shell Simmons Dr	16+06	RT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #14
16	NO OUTLET	16+06	RT	W14-1	36	36	9.00	-	-	EB	MOUNT OPPOSITE SIDE OF STOP SIGN
17	REDUCE SPEED AHEAD	18+94	RT	R2-5A	24	30	5.00	2.5 PST	4'-6"	SB	REMOVE BATTERY PACK/LIGHT-DO NOT REINSTALL
18	SPEED LIMIT 25	19+52	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	NB	
19	Terminal ↑ Parking ↑ Rental Car Return ↑ ← Juneau City Center	19+38	RT	D1-2A-4	156	72	78.00	(2) ~~5 P~~ W 6X12	~~5'-6"~~ 4'-6"	SB	ADDENDUM # 2
20	Buses / Rental Car Return ↑ Ground Transportation Staging ONLY PERMIT REQUIRED ↗	20+18	RT	D1-2A-1	228	54	85.50	(2) ~~2.5 PST~~ W 6X12	4'-6"	SB	ADDENDUM #2
21	SPEED LIMIT 10	21+18	RT	R2-1	30	36	7.50	-	-	SB	MOUNT ON LIGHT POLE
22	SPEED LIMIT 10	21+13	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	SB	
23	NO PARKING (SYMBOL)	21+40	RT	R8-3A	24	24	4.00	2.5 PST	4'-6"	SB	
24	PARKING ↗	21+40	LT	D1-2A-1	54	12	4.50	(2) 2.5 PST	4'-6"	SB	
25	PEDESTRIAN CROSSING	22+36	RT	W11-2	36	36	9.00	-	-	SB	MOUNT ON LIGHT POLE
26	BUS AND TAXI STAGGING AREA ONLY NO PARKING	22+36	RT	-	-	-		-	-	-	SIGN TO REMAIN
27	THRU TRAFFIC 10 MPH	22+45	LT	-	-	-		-	-	-	SIGN TO REMAIN

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 2/4/19

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SIGN SUMMARY

STATE OF ALASKA 49th DAVID B. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER
9.28.12

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

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\D-SIGN SUMMERY SHT.DWG
TAB: D1 Friday, September 28, 2012 9:02:01 AM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-000S(806)~68045	2012	D1	47

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
	YANDUKIN DRIVE										
28	STOP	20+19	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
29	Yandukin Dr	20+19	LT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #28
30	Shell Simmons Dr	20+19	LT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #29
31	NO PARKING ANY TIME	21+83	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	WB	
32	CELL PHONE WAITING LOT	22+36	LT	-	-	-		-	-	-	SIGN TO REMAIN
33	← Terminal ← Parking ← Rental Car Return Mendenhall Valley ↗	22+96	LT	D1-2A-4	156	72	78.00	(2) ~~5 P~~ W 6X12	~~5'-6"~~ 4'-6"	WB	ADDENDUM # 2
34	SPEED LIMIT 30	23+48	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
35	NO PARKING ANY TIME	24+61	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	WB	
36	NO PARKING ANY TIME	26+68	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	WB	
37	NO RIGHT TURN (SYMBOL)	28+19	RT	R3-1	30	30	6.25	2.5 PST	4'-6"	EB	
38	NO PARKING ANY TIME	28+71	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	WB	
39	STOP	29+83	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
40	Yandukin Dr	29+83	RT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #39
41	Shell Simmons Dr	29+83	RT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #40
42	DO NOT ENTER	29+83	RT	R5-1	36	36	9.00	-	-	SB	MOUNT BEHIND STOP SIGN #39
43	ONE LANE OPPOSING TWO LANES (ARROWS) (SYMBOL)	30+19	LT	W6-100	36	36	9.00	2.5 PST	4'-6"	WB	
44	↖ Terminal ↖ Parking ↖ Rental Car Return Mendenhall Valley ↗	30+59	LT	D1-2A-4	156	72	78.00	(2) ~~5 P~~ W 6X12	~~5'-6"~~ 4'-6"	WB	ADDENDUM # 2
45	YIELD	30+39	RT	R1-2	36	36	9.00	2.5 PST	4'-6"	EB	
46	DO NOT ENTER	30+39	RT	R5-1	36	36	9.00	-	-	WB	MOUNT BEHIND YIELD SIGN #45
47	NO LEFT TURN (SYMBOL)	31+17	LT	R3-2	30	30	6.25	2.5 PST	4'-6"	WB	
48	NO PARKING ANY TIME	31+17	LT	R7P-101	12	18	1.50	-	-	WB	MOUNT BELOW SIGN #47
49	LANE ENDS (SYMBOL)	31+28	RT	W4-2R	36	36	9.00	2.5 PST	4'-6"	EB	
50	LANE ENDS MERGE LEFT	32+57	RT	W9-2L	36	36	9.00	2.5 PST	4'-6"	EB	
51	STOP	33+70	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
52	Yandukin Dr	33+70	RT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #51
53	SPEED LIMIT 40	34+28	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
54	TWO WAY TRAFFIC (ARROWS) (SYMBOL)	34+28	RT	W6-3	36	36	9.00	-	-	EB	MOUNT BELOW SIGN #53
55	SPEED LIMIT 30	34+65	LT	R2-3	30	36	7.50	2.5 PST	4'-6"	WB	
56	NO PARKING ANY TIME	37+33	LT	R7P-101	12	18	1.50	2.5 PST	4'-6"	WB	
57	FIRE TRUCK (SYMBOL)	37+95	RT	W11-8	36	36	9.00	2.5 PST	4'-6"	WB	
58	FIRE STATION	37+95	RT	W11-8A	36	36	9.00	-	-	EB	MOUNT BELOW SIGN #57
59	Jordan Creek	38+16	RT	I-3	48	36	12.00	(2) 2.5 PST	4'-6"	EB	USE 6"/4" 5W FONT
60	Jordan Creek	38+74	LT	I-3	48	36	12.00	(2) 2.5 PST	4'-6"	WB	USE 6"/4" 5W FONT
61	REDUCE SPEED AHEAD	39+00	LT	R2-5A	24	30	5.00	2.5 PST	4'-6"	EB	
62	STOP	40+17	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	

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 9/4/14

CHECKED BY: D. EPSTEIN

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

9.28.12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SIGN SUMMARY

PATH: C:\JNU\68045\ENDOUG'S PLANSET\D-SIGN SUMMERY SHT.DWG
TAB: D2 Friday, September 28, 2012 2:06:22 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	D2	47

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
					YANDUKIN DRIVE						
63	Yandukin Dr	40+17	LT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #62
64	Crest St	40+17	LT	D3-1	42	12	3.50	-	-	NB/SB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #63
65	STOP	40+94	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
66	Yandukin Dr	40+94	RT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #65
67	Crest St	40+94	RT	D3-1	42	12	3.50	-	-	NB/SB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #66
68	BUCKLE UP IT'S THE LAW	41+21	RT	R16-1	48	30	10.00	-	-	EB	MOUNT ON LIGHT POLE
69	TREE CITY USA ARBOR DAY FOUNDATION	42+47	RT	-	-	-		-	-	-	SIGN TO REMAIN
70	FIRE TRUCK (SYMBOL)	46+08	RT	W11-8	36	36	9.00	2.5 PST	4'-6"	WB	
71	FIRE STATION	46+08	RT	W11-8A	36	36	9.00	-	-	EB	MOUNT BELOW SIGN #70
72	↑ Egan Drive south only ← Old Dairy Road	53+04	RT	D1-2A-3	120	60	50.00	(2) ~~5 P~~ W 6X9	~~5'-6"~~ 4'-0"	WB	ADDENDUM # 2
73	SPEED LIMIT 40	54+01	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
74	STOP	55+15	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
75	Yandukin Dr	55+15	LT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #74
76	Old Dairy Rd	55+15	LT	D3-1	54	12	4.50	-	-	NB/SB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #75
77	STOP	55+80	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
78	Yandukin Dr	55+80	RT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #77
79	Livingston Way	55+80	RT	D3-1	60	12	5.00	-	-	NB/SB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #78
80	Airport → ← Juneau	56+12	RT	D1-2A-2	78	42	22.75	(2) 2.5 PST	4'-6"	WB/EB	
81	NO RIGHT TURN (SYMBOL)	57+18	LT	R3-1	30	30	6.25	2.5 PST	4'-6"	EB	
82	LEFT/RIGHT DOWN ARROWS (SYMBOL)	60+11	LT	W12-1	36	36	9.00	2.5 PST	4'-6"	WB	
83	NINE BUTTON OBJECT MARKER TYPE 1	60+11	LT	OM1-1	18	18	2.25	-	-	WB	MOUNT BELOW SIGN #82
84	SPEED LIMIT 40	60+55	LT	R2-1	30	36	7.50	-	-	WB	MOUNT ON LIGHT POLE
85	← Glacier Hwy Airport →	62+79	LT	D1-2A-2	114	42	33.25	(2) ~~5 P~~ W 6X9	~~5'-6"~~ 4'-0"	EB	ADDENDUM # 2
86	↑ Airport Old Dairy Road ↗	62+79	LT	D1-2A-2	114	42	33.25	(2) ~~5 P~~ W 6X9	~~5'-6"~~ 4'-0"	WB	ADDENDUM # 2 MOUNT BEHIND SIGN #85
87	HELIPORT →	63+52	RT	CUSTOM	24	18	3.00	2.5 PST	4'-6"	EB	
88	STOP	65+51	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
89	Yandukin Dr	65+51	RT	D3-1	36	8	2.00	-	-	WB/EB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #88
90	Maplesden Way	65+51	RT	D3-1	60	12	5.00	-	-	NB/SB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #89
91	DO NOT ENTER	69+06	LT	R5-1	36	36	9.00	2.5 PST	4'-6"	EB	
92	TWO WAY TRAFFIC (ARROWS) (SYMBOL)	69+06	LT	W6-3	36	36	9.00	-	-	WB	MOUNT BEHIND SIGN #91
93	KEEP RIGHT (SYMBOL)	69+75	LT	R4-7	24	30	5.00	2.5 PST	4'-6"	EB	
94	NINE BUTTON OBJECT MARKER TYPE 1	69+75	LT	OM1-1	18	18	2.25	-	-	WB	MOUNT BELOW SIGN #93
95	KEEP RIGHT (SYMBOL)	70+10	LT	R4-7	24	30	5.00	2.5 PST	4'-6"	EB	
96	ONE WAY (RIGHT ARROW)	70+27	LT	R6-1R	36	12	3.00	2.5 PST	4'-6"	EB	
97	MERGE (ARROW) (SYMBOL)	74+37	LT	W4-1R	48	48	16.00	2.5 PST	4'-6"	EB	

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SIGN SUMMARY

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\D-SIGN SUMMERY SHT.DWG
TAB: D3 Friday, September 28, 2012 1:54:32 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	D3	47

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
				SHELL SIMMMONS DRIVE NEW SIDEWALK SECTION							
98	↖ Employee Parking (PERMIT REQUIRED)	0+62	LT	-	-	-		-	-	-	SIGN TO REMAIN
99	STOP	0+87	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
100	NO LEFT TURN (SYMBOL)	0+87	RT	R3-2	30	30	6.25	2.5 PST	4'-6"	WB	
101	↑ Juneau City Center ↖ Terminal ↖ Mendenhall Valley	1+21	RT	D1-2A-3	156	54	58.50	~~(2) 5 P~~ W 6X9	~~5'-6"~~ 4'-6"	WB	ADDENDUM # 2
102	RIGHT & LEFT ONLY SYMBOLS	2+57	LT	R3-5 L/R	48	36	12.00	2.5 PST	4'-6"	EB	
103	LEFT LANE MUST TURN LEFT	2+57	LT	R3-7L	36	36	9.00	-	-	EB	MOUNT BELOW SIGN #102
104	CELL PHONE WAITING LOT	2+93	LT	-	-	-		-	-	-	SIGN TO REMAIN
105	RENTAL CAR PARKING LOT	4+24	LT	-	-	-		-	-	-	SIGN TO REMAIN

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: D. EPSTEIN

STATE OF ALASKA 49th DAVID B. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER 9-28-12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

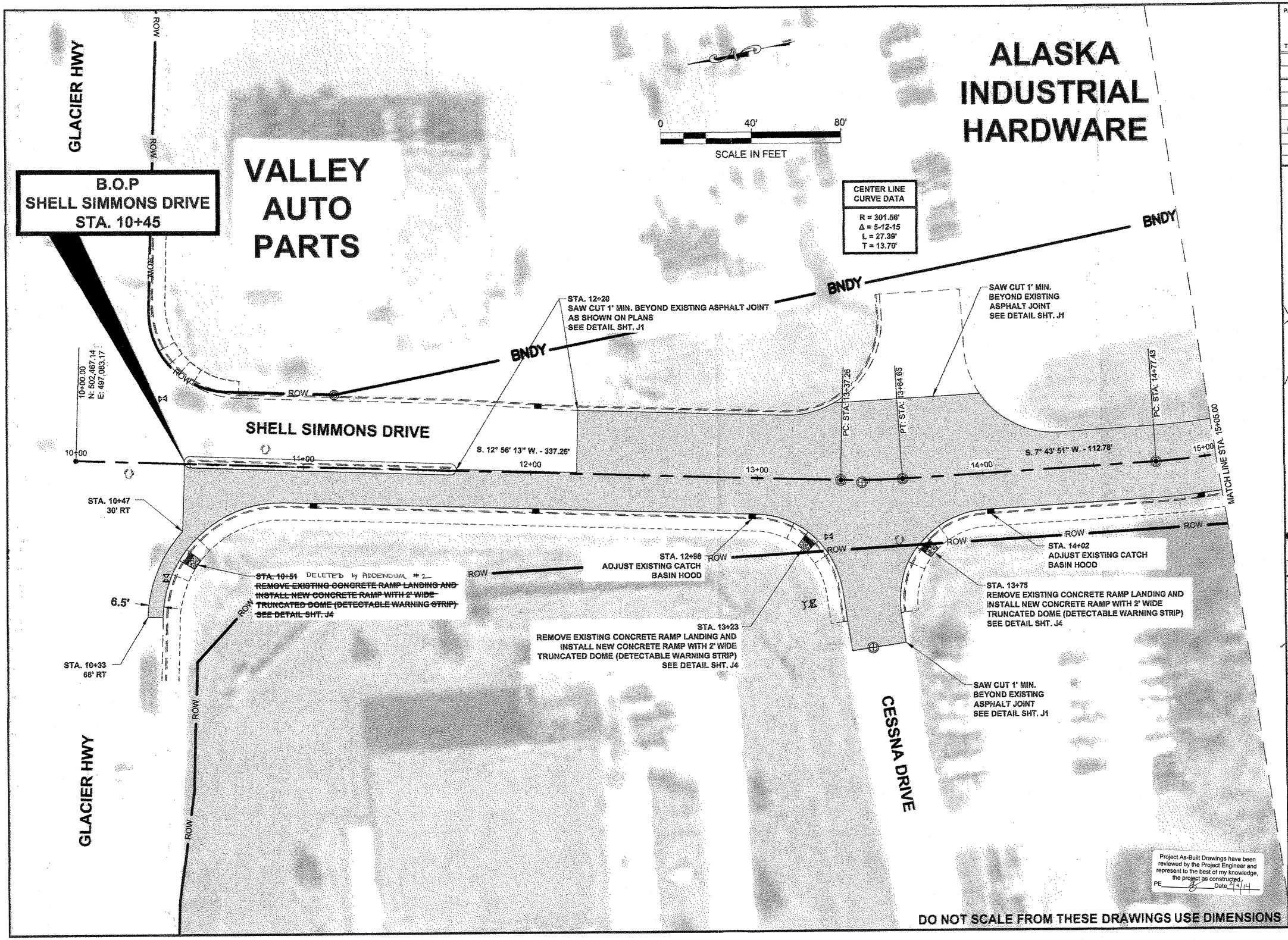
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SIGN SUMMARY

PATH: C:\JNU\68045\EN\DOUG'S PLANSET\D-SIGN SUMMERY SHT.DWG
TAB: D4 Thursday, September 27, 2012 2:51:16 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	D4	47



PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)

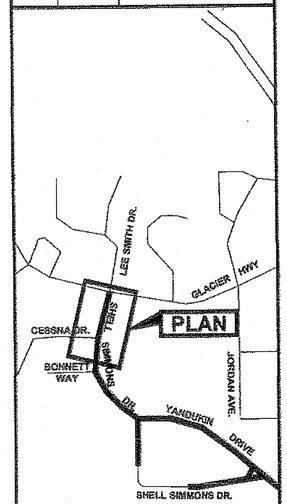
TAB: F1 Tuesday, November 06, 2012 4:09:36 PM

ADDENDUM NUMBER
2

ATTACHMENT NUMBER
3

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SHELL SIMMONS DR PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F1	47

PATH: Q:\JNU\68045\ENI\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F2 Thursday, August 23, 2012 11:07:06 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EXTENDED STAY

0 40' 80'

SCALE IN FEET

SHOULDER REPAIR SECTION
STA. 19+73 (SHELL SIMMONS DR.) TO
STA. 20+74 (YANDUKIN DR.)

SECTION A - A
SEE TYPICAL SECTION
SHT. B2

PC: STA: 20+06.37

BNDY

BNDY

BNDY

BNDY

CENTER LINE CURVE DATA

R = 301.56'
Δ = 57-58-40
L = 305.15'
T = 167.08'

SAW CUT ASPHALT
SEE DETAIL SHT. J1

SAW CUT ASPHALT
SEE DETAIL SHT. J1

MATCH LINE STA. 15+05.00

MATCH LINE STA. 20+50.85

PT: STA: 17+82.56

PC: STA: 19+00.69

SHELL SIMMONS DRIVE

S. 50° 14' 52" E. - 118.01'

BOP: 20+00.00
N: 501,537.30
E: 497,265.37

15+00

16+00

17+00

18+00

19+00

20+00

22'

26'

63'

D4

STA. 15+62
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J4

STA. 15+98
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J4

BONNETT WAY

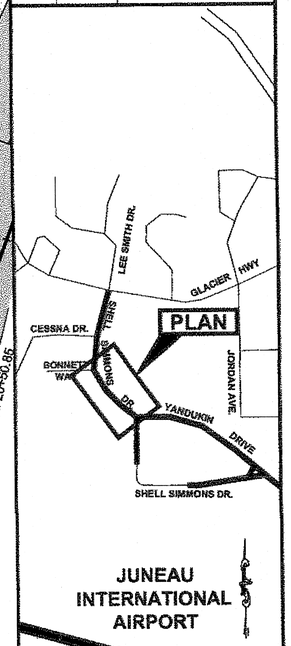
SAW CUT ASPHALT
SEE DETAIL SHT. J1

CENTER LINE CURVE DATA

R = 272.84'
Δ = 51-28-14
L = 245.10'
T = 131.52'

FEDEX

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
REGISTERED PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SHELL SIMMONS DR PLAN

PROJECT DESIGNATION
NH-000S(806) ~ 68045

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F2	47

PATH:Q:\JNU\68045\ENI\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)
TAB: F3 Thursday, August 23, 2012 11:08:37 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

YANDUKIN DRIVE

22+00

0 40' 80'

SCALE IN FEET

E.O.P
SHELL SIMMONS DRIVE
STA. 23+03

PT: STA: 21+45.69

PI: STA: 21+76.84

PT: STA: 23+00.40

21+00

S. 1° 13' 17" W.
31.15'

22+00

S. 2° 52' 48" W. - 123.56'

23+00

S. 1° 11' 42" W.

24+00

24+00.05
N: 501,182.12
E: 497,273.65

SHELL SIMMONS DRIVE

MATCH LINE STA. 20+50.58

20+00.00
11,537.30
7,265.37

STA. 20+61
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J4

SAW CUT 1' MIN. BEYOND EXISTING ASPHALT JOINT
SEE DETAIL SHT. J1

STA. 21+11 TO 22+39
REMOVE EXISTING RAMPS, CURB, GUTTER & SIDEWALK AND INSTALL NEW ADA RAMPS, CURB, GUTTER & SIDEWALK
SEE DETAIL SHT. J3 & J5

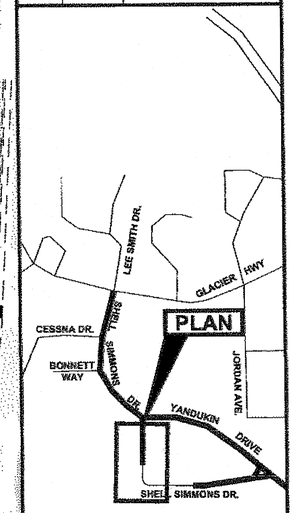
SAW CUT AND MATCH EXISTING
SEE DETAIL SHT. J1

STA. 22+69
REMOVE EXISTING CONCRETE RAMP LANDING AND INSTALL NEW CONCRETE RAMP WITH 2' WIDE TRUNCATED DOME (DETECTABLE WARNING STRIP)
SEE DETAIL SHT. J4

CENTER LINE CURVE DATA
R = 272.84'
Δ = 51-28-14
L = 245.10'
T = 131.52'

JUNEAU INTERNATIONAL AIRPORT

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
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

SHELL SIMMONS DR PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F3	47

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)

TAB: F4 Thursday, August 23, 2012 11:08:55 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EXTENDED STAY

BNDY

STA. 20+74 TO 37+00
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

SHOULDER REPAIR SECTION
STA. 19+73 (SHELL SIMMONS DR.) TO STA. 20+74 (YANDUKIN DR.)

PC: STA. 20+06.37

PT: STA. 25+63.08

YANDUKIN DRIVE

S. 52° 54' 10" E. - 735.02'

STA. 20+74
BEGIN 2" OVERLAY
REFER TO SHT. J1
FOR PAVEMENT TRANSITION

S. 73° 31' 17" E. - 6.37'

CENTER LINE CURVE DATA
R = 595.44'
Δ = 53-34-09
L = 556.71'
T = 300.58'

STA. 20+74 TO 35+11
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

+/- 10' X 10' SPOT REPAIR SECTION:
REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, TYPE B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

BOP: 20+00.00
N: 501,537.30
E: 497,265.37

B.O.P YANDUKIN DRIVE STA. 20+00

PT: STA. 21+45.69

PI: STA. 21+76.84

PI: STA. 23+00.40

REFER TO "G" SHEETS FOR NEW CURB, GUTTER & SIDEWALK CONSTRUCTION

2" COLD PLANING SECTION, MATCH INTO 2" OVERLAY ON YANDUKIN DRIVE SEE SHEET G2

SAW CUT AT EXISTING ASPHALT JOINT SEE DETAIL SHT. J1

SHELL SIMMONS DRIVE

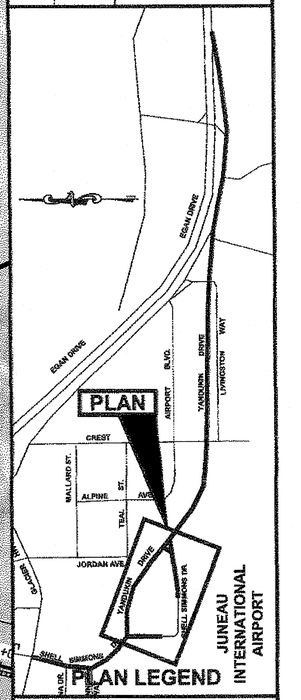
24+00.05
N: 501,162.12
E: 497,273.65

JUNEAU INTERNATIONAL AIRPORT

COASTAL HELICOPTERS

0 80' 160'
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 6/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

YANDUKIN DRIVE PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F4	47

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)
TAB: F5 Thursday, August 23, 2012 11:09:43 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

BNDY

CENTER LINE CURVE DATA
R = 716.20'
Δ = 36-43-14
L = 459.01'
T = 237.70'

+/- 5' X 5' SPOT REPAIR SECTION: REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, TYPE B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

STA. 37+00 TO 43+38
TYPICAL 2' WIDE SPOT REPAIR SECTION: ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

AIRPORT BLVD.

0 80' 160'
SCALE IN FEET

CREST ST.

MATCH LINE STA. 30+31.18

YANDUKIN DRIVE

S. 52° 54' 10" E. - 735.02'

PI: STA. 32+98.10

PC: STA. 33+68.51

~~D-1 ONLY (TYP.)~~ DELETED By ADD #2

STA. 34+16
INSTALL PARALLEL GUARDRAIL TERMINAL

SEDIMENT BARRIER

S. 52° 58' 15" E. - 90.41'

PI: STA. 35+36.32

STA. 39+64
INSTALL PARALLEL GUARDRAIL TERMINAL

MATCH LINE STA. 41+20.80

S. 59° 41' 31" E. - 208.14'

REFER TO "G" SHEETS FOR NEW SIDEWALK CONSTRUCTION

WARD AIR

SEDIMENT BARRIER

D-1 ONLY (TYP.)

STA. 37+87
INSTALL PARALLEL GUARDRAIL TERMINAL

STA. 38+47 TO 42+45
TYPICAL 2' WIDE SPOT REPAIR SECTION: ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

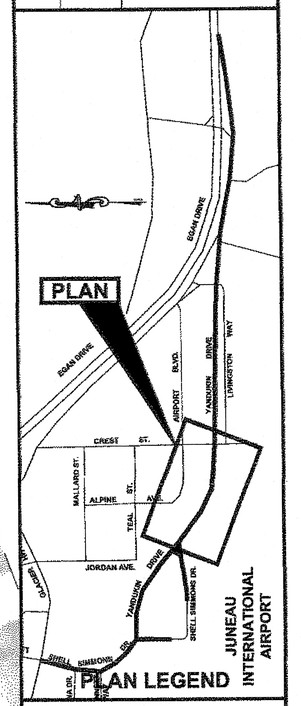
STA. 39+87
INSTALL PARALLEL GUARDRAIL TERMINAL

STA. 40+00 TO 41+25
TYPICAL 2' WIDE SPOT REPAIR SECTION: ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

FOR NEW GUARDRAIL PAVING SEE DETAIL SHT J6
FOR WIDENING FOR GUARDRAIL TERMINALS SEE STD. DWG. G-20.11

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

YANDUKIN DRIVE PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F5	47

AIRPORT BLVD.

ROW ROW ROW

AIRPORT BLVD.

ROW ROW ROW ROW

0 80' 160'

SCALE IN FEET

STA. 46+32 TO 48+50
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

STA. 50+87 TO 52+55
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

BNDY BNDY BNDY BNDY

PC: STA. 50+09.68

MATCH LINE STA. 41+20.80

42+00 43+00 44+00 45+00 YANDUKIN DRIVE 46+00 47+00 48+00 49+00 50+00 51+00 52+00

S. 89° 38' 10" E. - 954.02'

MATCH LINE STA. 52+10.80

LIVINGSTON WAY

CENTER LINE CURVE DATA
R = 6789.33'
Δ = 11-07-40
L = 1318.60'
T = 661.38'

FIRE DEPARTMENT

AIRLIFT NORTHWEST

ALASKA ARMY NATIONAL GUARD

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

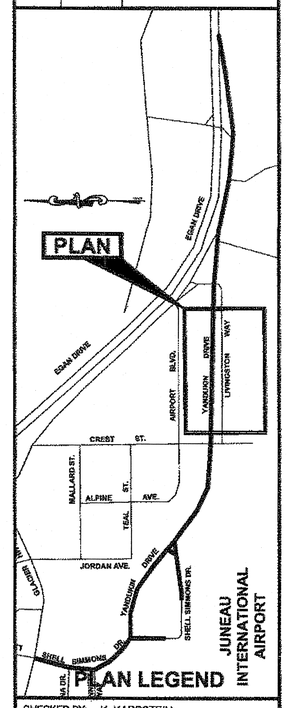
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MULLINER, DOUGLAS J (DOT)
TAB: F6 Wednesday, August 22, 2012 5:14:04 PM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: K. KARPSTEIN

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

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

YANDUKIN DRIVE PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F6	47

PATH: Q:\JNU\68045\EM\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)
TAB: F7 Thursday, August 23, 2012 11:10:42 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

AIRPORT BLVD.

ROW

STA. 52+50 TO 56+74
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

STA. 55+00 TO 56+74
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

STA. 60+00 TO 63+28
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

STA. 55+00 TO 63+28
TYPICAL 2' WIDE SPOT REPAIR SECTION:
ADJUST COLD PLANING DEPTH AS REQUIRED TO REMOVE FULL DEPTH OF EXISTING ASPHALT PAVEMENT WHERE INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER. REPLACE WITH SP, CLASS B ASPHALT CONCRETE, LIFTS NOT TO EXCEED 3".

OLD DAIRY ROAD

EGAN DRIVE

EGAN DRIVE

BNDY

SAW CUT 1' MIN. BEYOND EXISTING ASPHALT JOINT SEE DETAIL SHT. J1

50' TRANSITION FROM 2" OVERLAY TO EXISTING ASPHALT SEE DETAIL SHT. J1

YANDUKIN DRIVE

53+00 54+00 55+00 56+00 57+00 58+00 59+00 60+00 61+00 62+00 63+00

MATCH LINE STA. 52+10.80

MATCH LINE STA. 63+00.80

STA. 55+52.62

GRAVEL

LIVINGSTON WAY

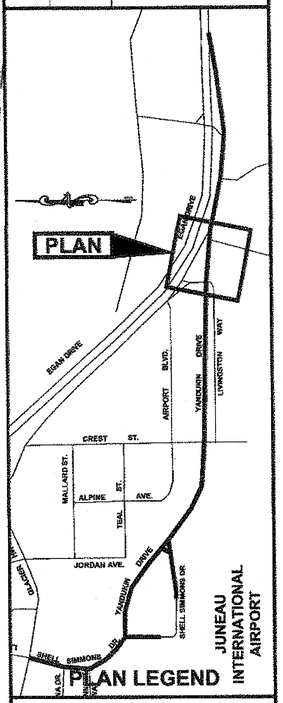
WINGS OF ALASKA
(AIR CARGO)

CENTER LINE CURVE DATA
R = 6789.33'
Δ = 11-07-40
L = 1318.60'
T = 661.38'

0 80' 160'
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
49th
REGISTERED PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

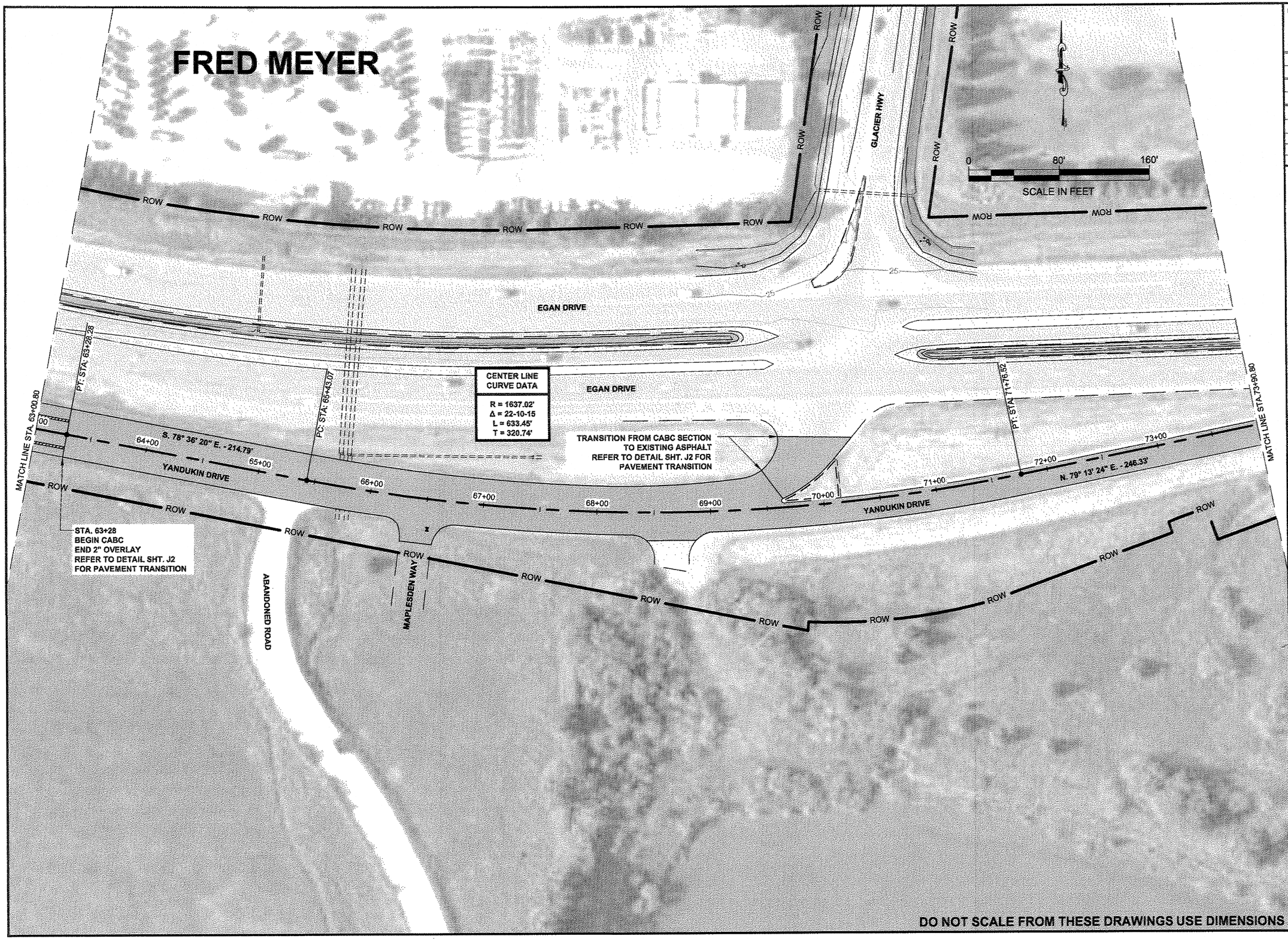
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

YANDUKIN DRIVE PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F7	47



PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\F_SHT.DWG

MULLINER, DOUGLAS J (DOT)

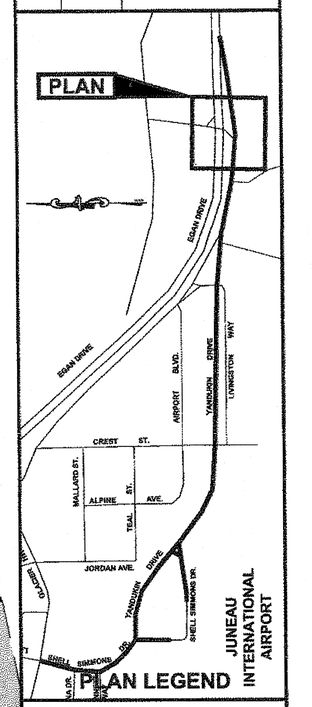
TAB: F8 Thursday, August 23, 2012 11:12:39 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

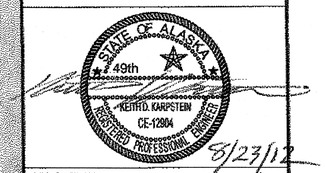
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. MULLINER

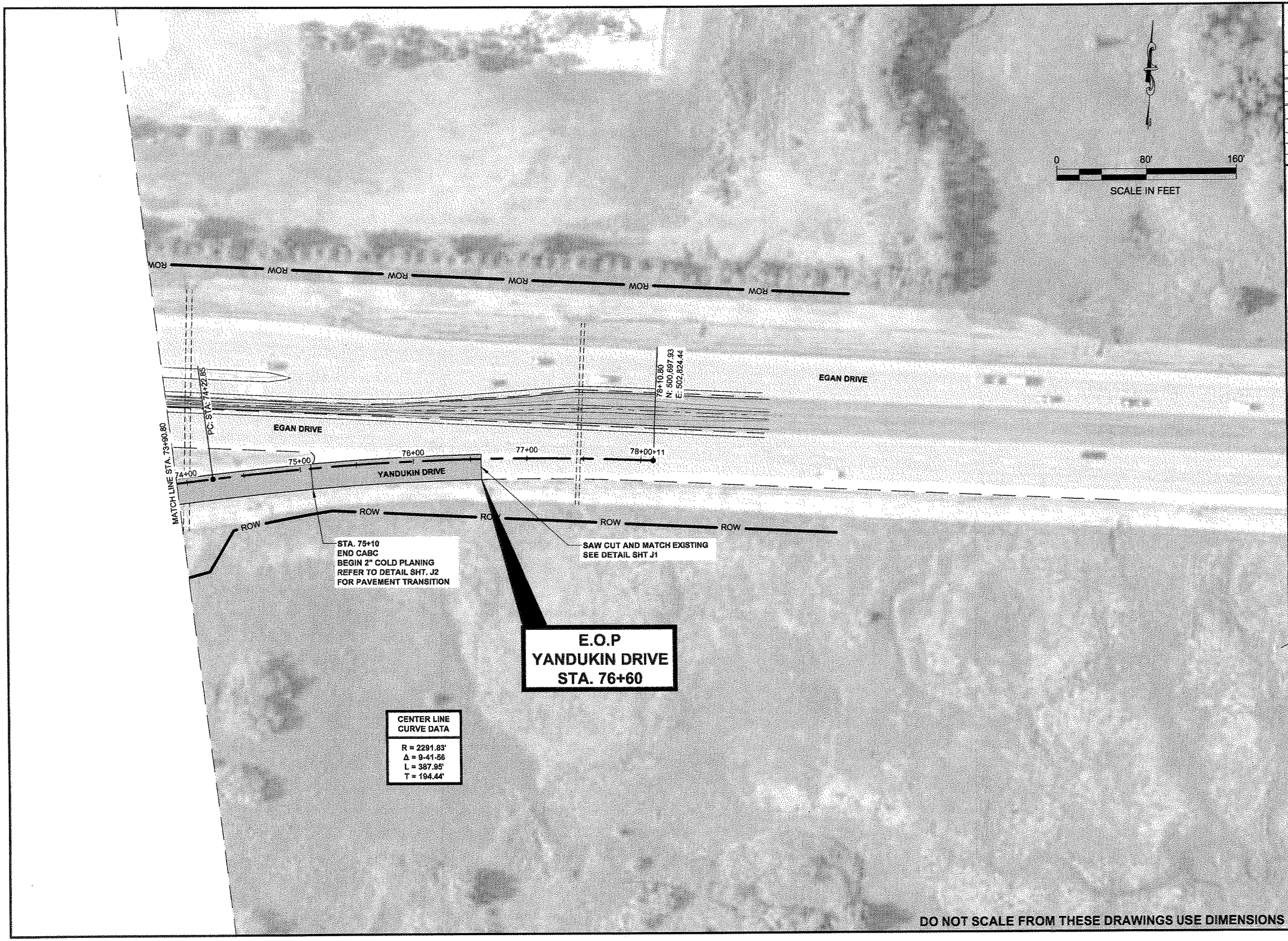
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

YANDUKIN DRIVE PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F8	47



PATH:Q:\JNU\68045\EN\DOUG'S PLANSET\F_SHT.DWG

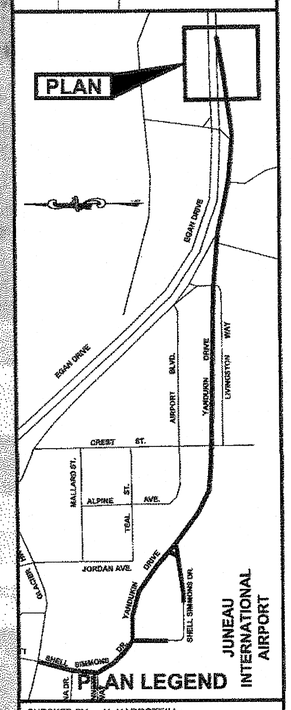
MULLINER, DOUGLAS J (DOT)
TAB: F9 Thursday, August 23, 2012 11:11:50 AM

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
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

YANDUKIN DRIVE PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F9	47

PATH: Q:\JNU\68045\ENG\DOUG'S PLANSET\G_NEW SIDEWALK SHT.DWG

MULLINER, DOUGLAS J (DOT)
TAB: G1 Thursday, August 23, 2012 11:43:19 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

LEGEND

- 2" COLD PLANING LIMITS
- TRANSITION FROM 2" COLD PLANING TO 2" OVERLAY
- SPOT REPAIR SECTION (FULL DEPTH ASPHALT REMOVAL)

0 20' 40'
SCALE IN FEET

ADA CURB RAMP SEE DETAIL SHT. J4 FOR INSTALLATION

SAW CUT AT EXISTING CENTERLINE SEAM

0+00.00
N: 501,086.57
E: 497,674.19

N. 81° 14' 33" E. - 214.69'

SHELL SIMMONS DRIVE

0+00 1+00 2+00

SAW CUT AT EXISTING CENTERLINE SEAM

PC: STA: 2+14.69

PT: STA: 2+64.69

MATCH LINE SEE SHT. G2

27.50 TBC
PC - 1+13.70

20.5

ADDENDUM #2
~~-2.00%~~
FLOW LINE

0.42% ADDENDUM #2
~~-2.00%~~
FLOW LINE

S-1

0.40%
FLOW LINE

27.08 ~~27.28 TBC~~ ADDENDUM #2
PC - 2+14.69

26.90 TBC
CB - 2+55

P-1

FILL LIMITS

26.94 TBC
PT - 2+64.69

SAW CUT AT EXISTING SEAM

TBC STA. 0+43.05 - 36.97' RT:
ADA CURB RAMP
SEE DETAIL SHT. J5
FOR INSTALLATION

REMOVE EXISTING RAMP, CURB & GUTTER AND REPLACE WITH NEW SIDEWALK, CURB AND GUTTER

27.40 TBC
0+80.58 - 47.37' RT

TBC STA. 0+89.17 - 32.74' RT:
ADA CURB RAMP
SEE DETAIL SHT. J5

RD PT. = STA. 1+13.70 - 57.00' RT
N = 501047.54
E = 497795.24

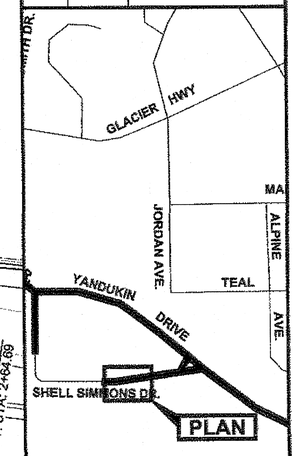
RIPRAP, CLASS I
SEE DETAIL SHT. J6

TBC CURVE DATA
R = 34.50'
Δ = 73-47-08
L = 44.43'
T = 25.90'

CENTER LINE CURVE DATA
R = 300'
Δ = 9-32-57
L = 50.00'
T = 25.06'

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

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
NORTHERN PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

NEW SIDEWALK PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G1	47

LEGEND

- 2" COLD PLANING LIMITS
- TRANSITION FROM 2" COLD PLANING TO 2" OVERLAY
- SPOT REPAIR SECTION (FULL DEPTH ASPHALT REMOVAL)

SCALE IN FEET: 0, 20', 40'

YANDUKIN DRIVE

27.59 TBC
BEGIN NEW CURB
0+00 (28+82)

27.69 TBC
0+20

27.79 TBC
0+40

27.85 TBC
PC - 0+51.57

27.89 TBC
0+60

RP - N = 501189.26
E = 498072.27

27.22 TBC
PT - 0+77.45

26.93 TBC
MATCH EXISTING
AT CATCH BASIN

FACE OF CURB CURVE DATA
R = 17.50'
Δ = 84-44-25
L = 25.88'
T = 15.96'

CONTROL POINT #204 (2" ALCAP):
N = 501184.62
E = 498012.00
ELEV. = 28.07

CONTROL POINT #120 (2" ALCAP):
N = 501204.29
E = 498154.18
ELEV. = 26.70

CENTER LINE CURVE DATA
R = 300'
Δ = 11-47-11
L = 61.71'
T = 30.97'

PC: STA: 3+14.54

PT: STA: 3+76.25

PC: STA: 4+69.81

TRANSITION SECTION FROM 2" COLD PLANING TO 2" OVERLAY SEE DETAIL SHT. J1

SAW CUT AT EXISTING CENTERLINE SEAM

STA. +/- 3+47: SAW CUT AT EXISTING SEAM

S. 89° 12' 30" E. - 49.85'

N. 79° 00' 19" E. - 93.56'

3+00

4+00

5+00

MATCH LINE STA. 2+69.67

MATCH LINE STA. 5+20.00

SHELL SIMMONS DRIVE

0.40% FLOW LINE

0.40% FLOW LINE

0.40% FLOW LINE

R=17.5

FILL LIMITS

FILL LIMITS

27.13 TBC
PC - 3+14.54

27.40 TBC
PT - 3+76.25

27.77 TBC
PC - 4+69.81

STA. 4+21 TO 4+76
TRANSITION SECTION FROM 2" COLD PLANING TO 2" OVERLAY
SEE DETAIL SHT. J1

CENTER LINE CURVE DATA
R = 68.50'
Δ = 46-05-36
L = 55.10'
T = 29.14'

RELOCATION OF EXISTING BOULDERS IS SUBSIDIARY TO ITEM 201(3B)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\JNU\68045\EN\DOUG'S PLANSET\G_NEW SIDEWALK SHT.DWG

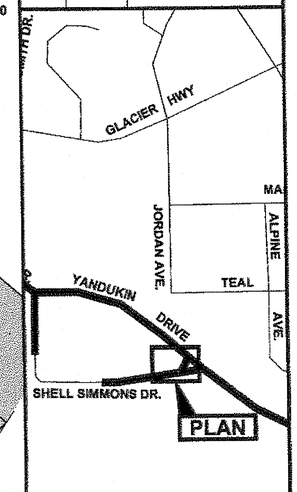
MULLINER, DOUGLAS J (DOT)
TAB: G2 Thursday, August 23, 2012 11:43:25 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN

JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th
KEITH D. KARPSTEIN
CE-12804
REGISTERED PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

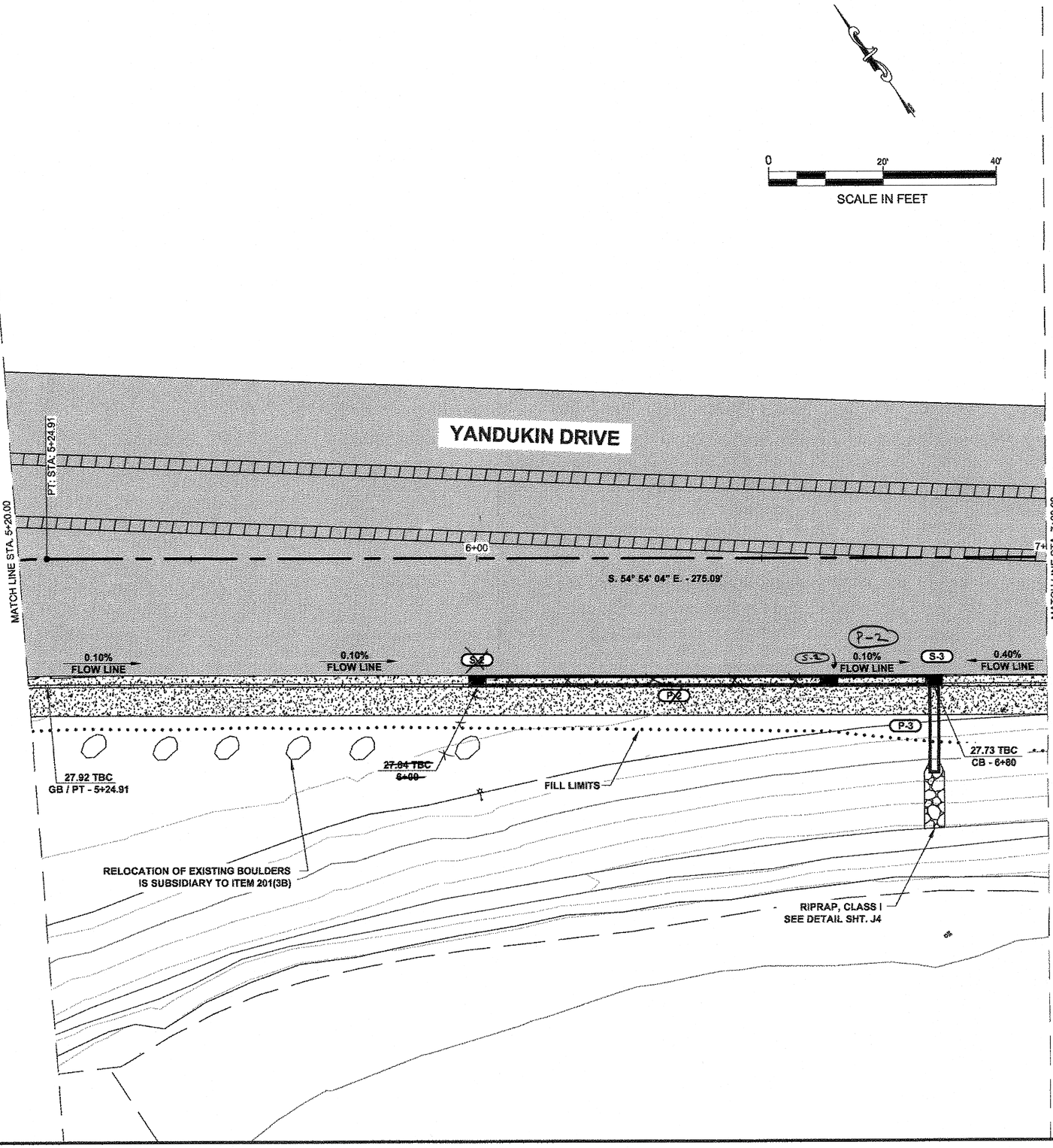
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

NEW SIDEWALK PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G2	47



PATH: Q:\JNU\68045\EM\DOUG'S PLANSET\G_NEW SIDEWALK SHT.DWG

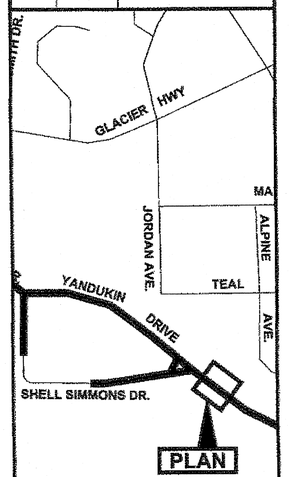
MULLINER, DOUGLAS J (DOT)
TAB: G3 Thursday, August 23, 2012 11:43:35 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KERRY D. KARPSTEIN
CE-12804
REGISTERED PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

NEW SIDEWALK PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G3	47

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 9/4/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\G_NEW SIDEWALK SHT.DWG

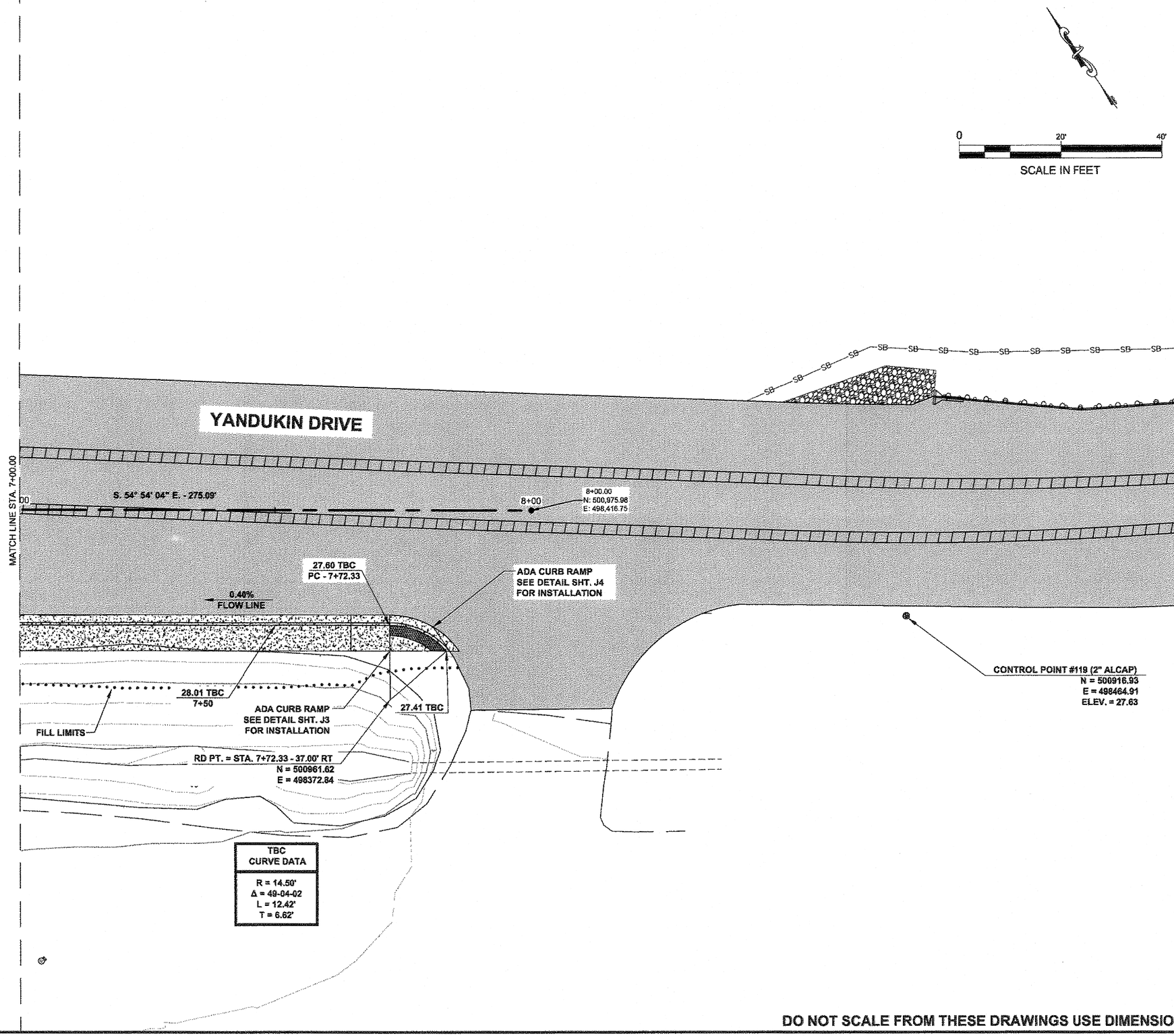
MULLINER, DOUGLAS J (DOT)
TAB: G4 Thursday, August 23, 2012 11:43:55 AM

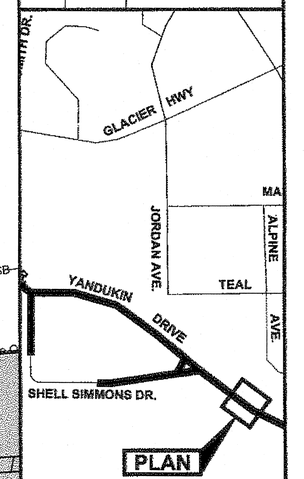
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION





JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KERRY D. KARPSTEIN
CE-12804
REGISTERED PROFESSIONAL ENGINEER
5/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

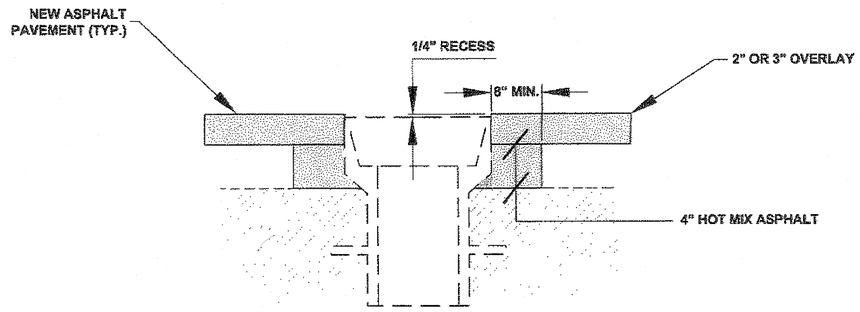
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

NEW SIDEWALK PLAN

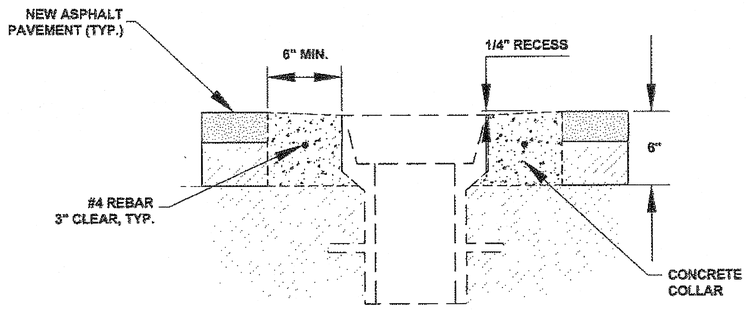
PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G4	47

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



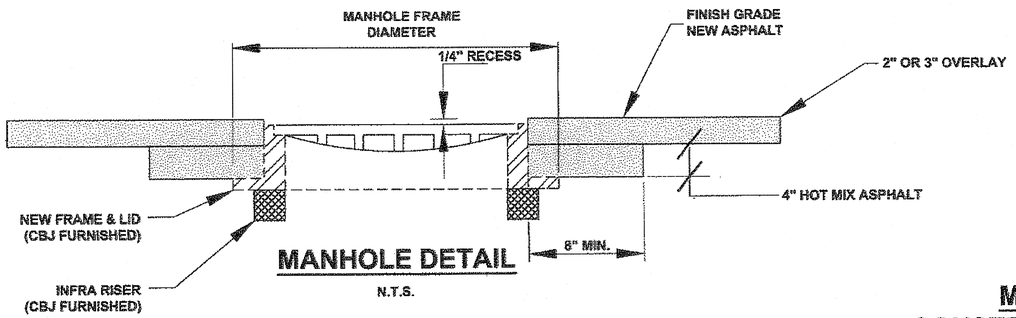
VALVE BOX ADJUSTMENT DETAIL

N.T.S.



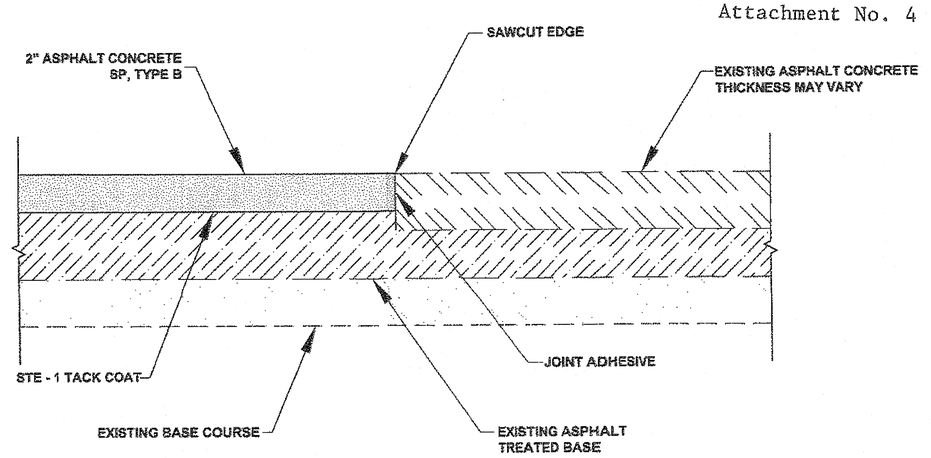
MONUMENT CASE ADJUSTMENT DETAIL

N.T.S.



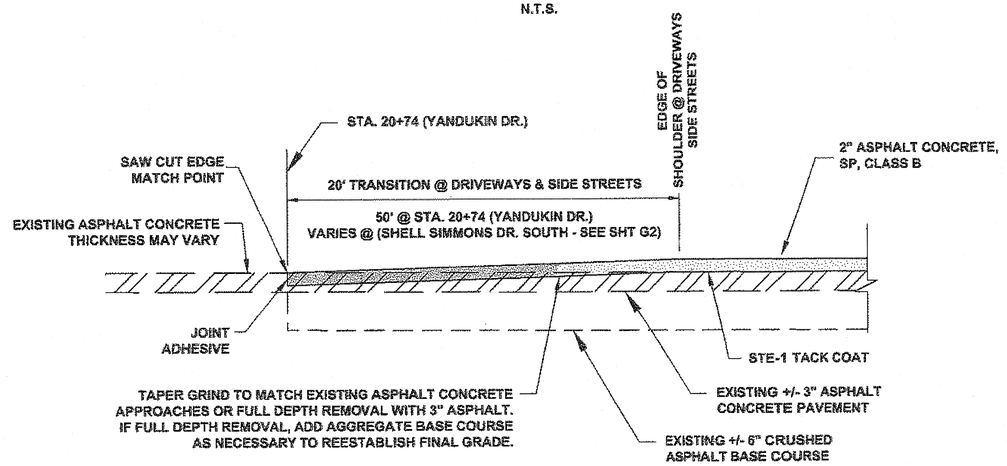
MANHOLE DETAIL

N.T.S.



MATCH JOINT DETAIL (COLD PLANE SECTION)

N.T.S.



PAVEMENT TRANSITION DETAIL (2" OVERLAY TO COLD PLANE OR EXISTING PAVEMENT)

N.T.S.

MANHOLE ADJUSTMENT NOTES

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

MANHOLE ADJUSTMENT CONSTRUCTION SEQUENCING NOTES

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

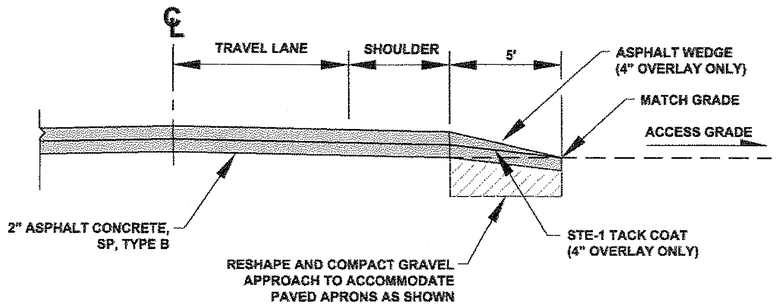
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION PROJECT #68045
DRAWN BY: D. MULLINER	MISC. DETAILS

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

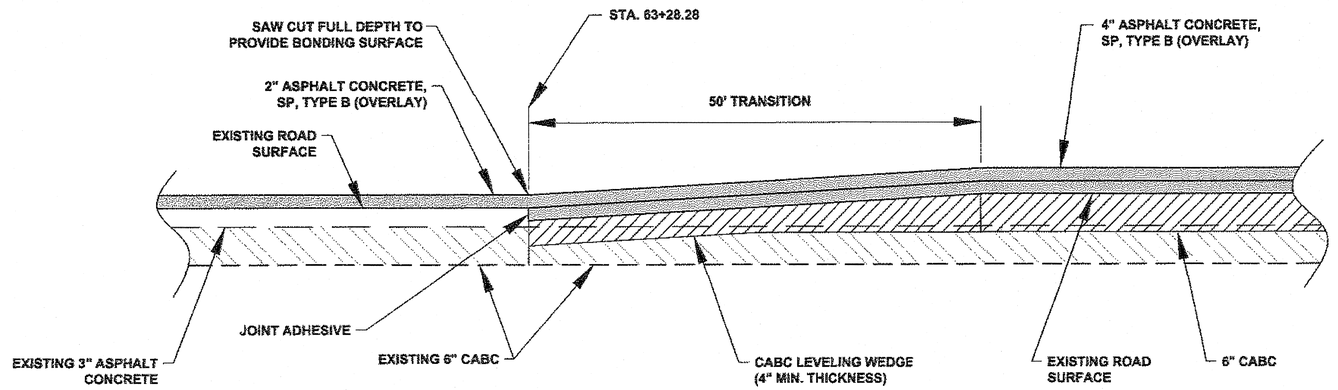
PATH: Q:\JNU\68045\EM\DOUG'S PLANSET\J_DETAIL SHT.DWG
TAB: J1 Tuesday, November 06, 2012 4:40:36 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806) ~ 68045	2012	J1	47



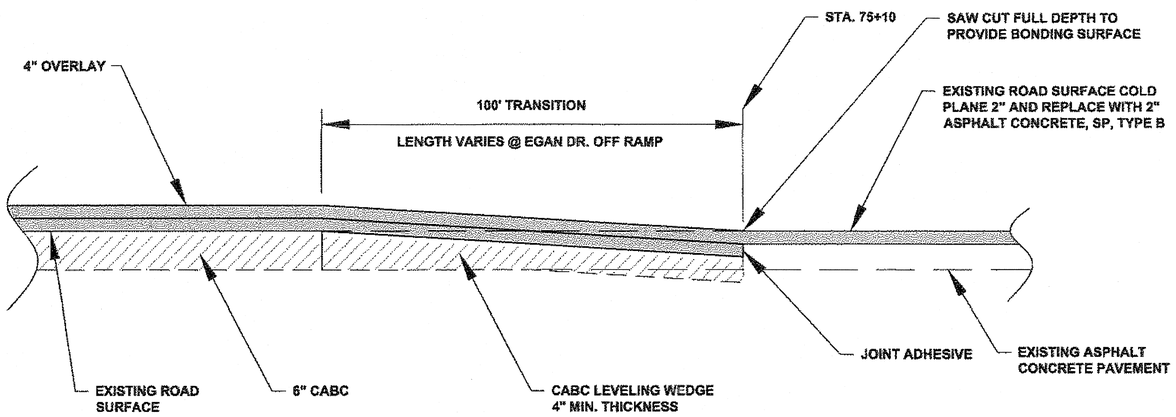
TYPICAL GRAVEL DRIVEWAY PROFILE

N.T.S.



PAVEMENT TRANSITION DETAIL (4" OVERLAY TO 2" OVERLAY)

N.T.S.



PAVEMENT TRANSITION DETAIL (4" OVERLAY TO COLD PLANE)

N.T.S.

NOTE:

1. DETAIL APPLIES TO TRANSITION @ EGAN DRIVE OFF RAMP.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH B. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
5/23/12

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

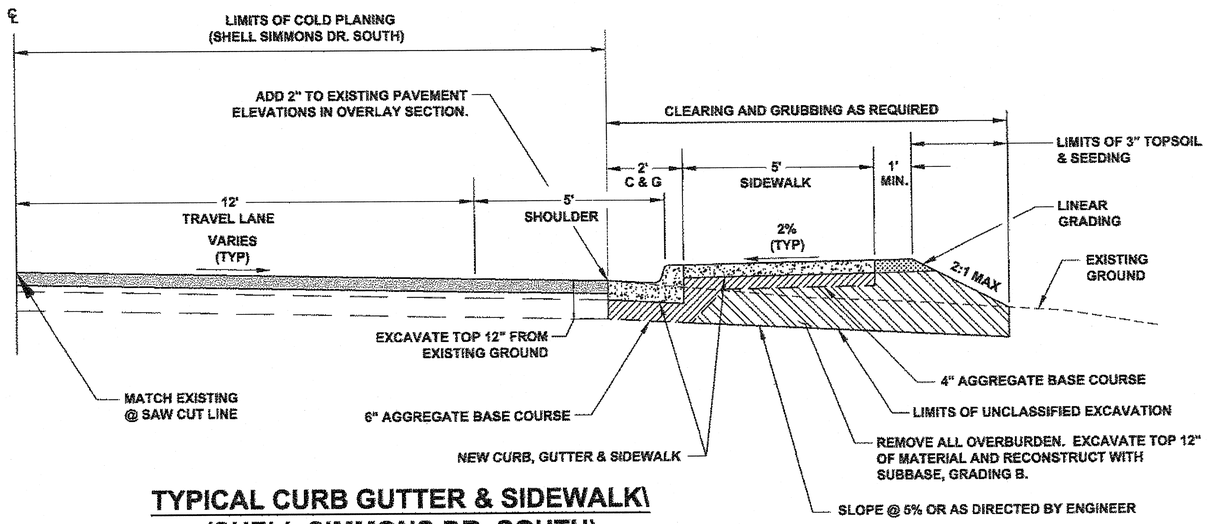
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

MISC. DETAILS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\J_DETAIL SHT.DWG
TAB: J2 Thursday, August 23, 2012 1:29:18 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806) ~ 68045	2012	J2	47

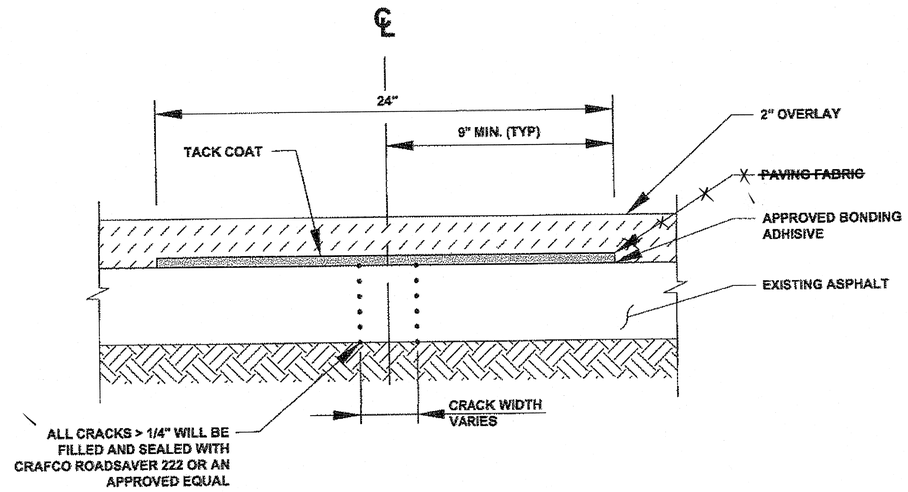


TYPICAL CURB GUTTER & SIDEWALK\ (SHELL SIMMONS DR. SOUTH)

N.T.S.

NOTE:

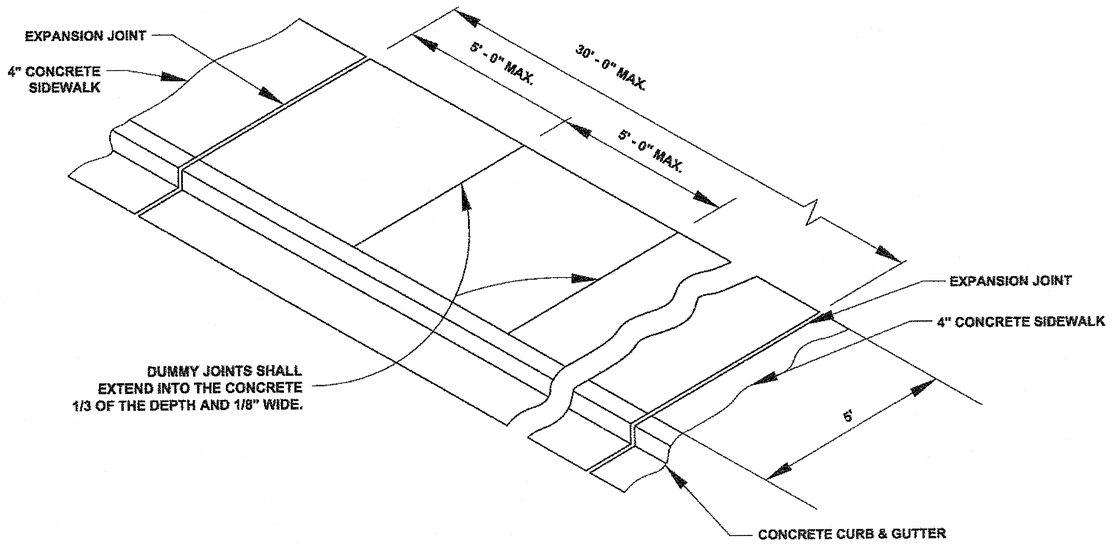
1. ADJUST COLD PLANING DEPTH AS NECESSARY ON SHELL SIMMONS DR. SOUTH TO MATCH NEW 2" ASPHALT CONCRETE, SP, TYPE B TO DESIGN GRADES SHOWN ON SHEETS G1 & G2.



~~PAVING FABRIC~~/CRACK REPAIR

NOTES

1. REFER TO SECTION 632 IN THE SPECIFICATIONS FOR SURFACE PREPARATION.
2. APPLY APPROVED TACK COAT OVER MEMBRANE PRIOR TO PAVING.
3. ~~CRACK REPAIR PAID FOR UNDER ITEM 632(1) PAVING FABRIC.~~



TYPICAL SIDEWALK, CURB & GUTTER DETAIL

N.T.S.

SIDEWALK, CURB & GUTTER NOTES

1. CONCRETE SIDEWALKS, CURB & GUTTER EXPANSION JOINTS SHALL BE PLACED IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB AND SIDEWALK CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
2. ALL JOINTS AND SEAMS SHALL BE EDGED.
3. CURB AND GUTTER CONSTRUCTION SHALL MAINTAIN EXISTING FLOW LINE.
4. ALL CONCRETE WITHIN THE CURB CUT LIMITS FOR DRIVEWAYS SHALL BE 6" THICK AND SHALL BE POURED ON A 6" D-1 BASE COURSE COMPACTED TO 95% OF ITS MAXIMUM DENSITY.
5. FOR RAMPS, WHEN "CHASING GRADE", RAMP LENGTH NEED NOT EXCEED 15', BUT SLOPE MUST BE UNIFORM.

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
CE-12904
REGISTERED PROFESSIONAL ENGINEER
5/23/12

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

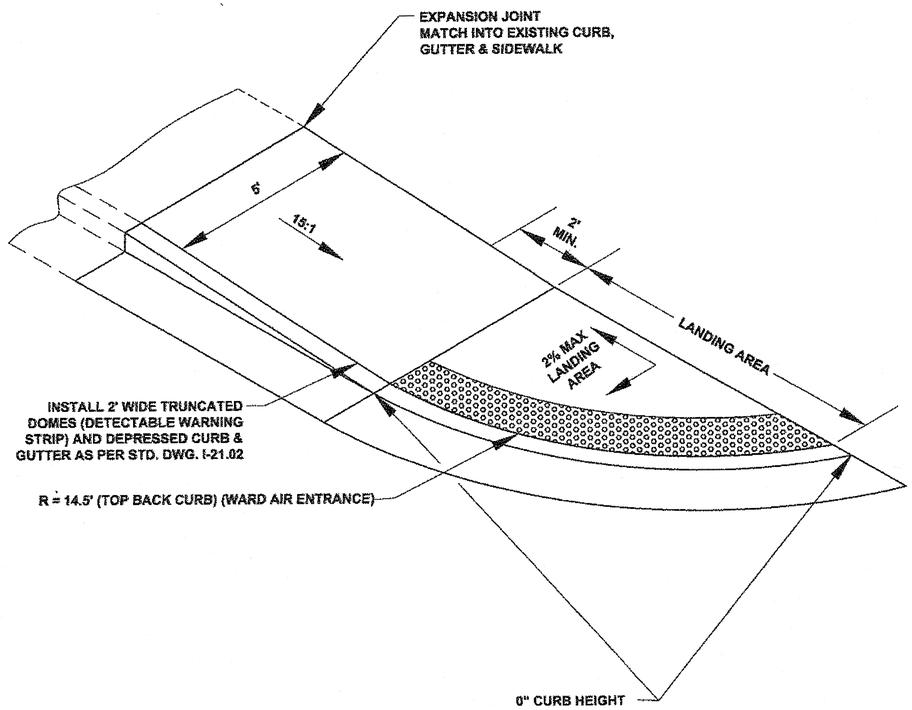
JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

MISC. DETAILS

PATH: Q:\JNU\68045\EM\DOUG'S PLANSET\J_DETAIL SHT.DWG
TAB: J3 Thursday, August 23, 2012 1:28:34 PM MULLINER, DOUGLAS J (DOT)

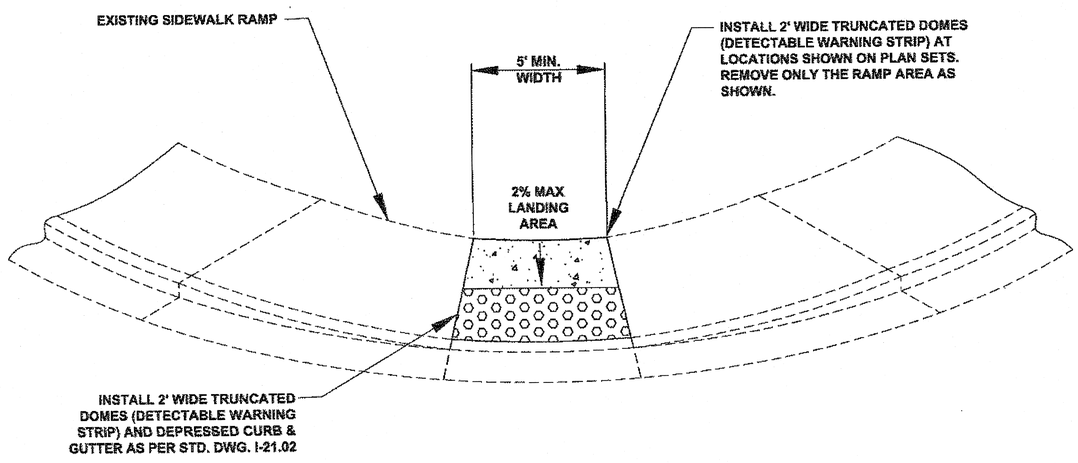
REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NH-000S(806) ~ 68045	2012	J3	47



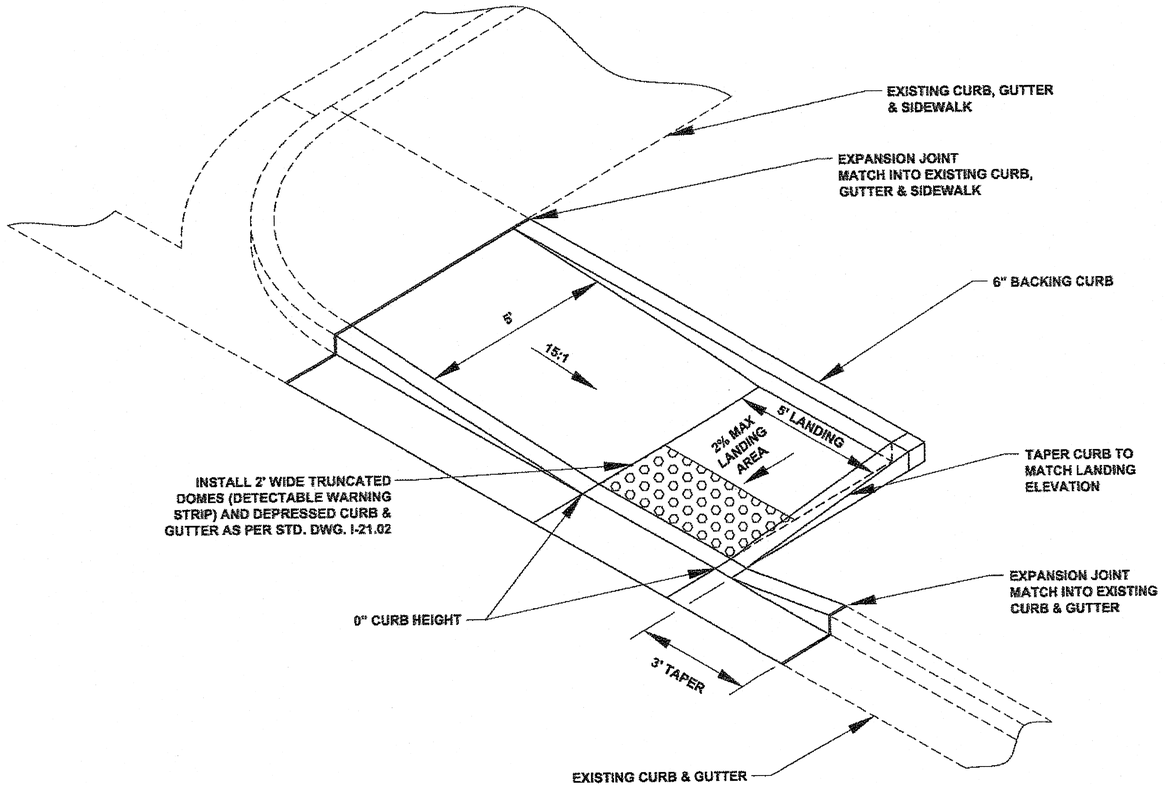
ONE WAY DIRECTIONAL CURB RAMP

N.T.S.



CURB RAMP DETAIL

N.T.S.



CURB RAMP
(STA. 0+54 - NEW SIDEWALK SECTION)

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

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

8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

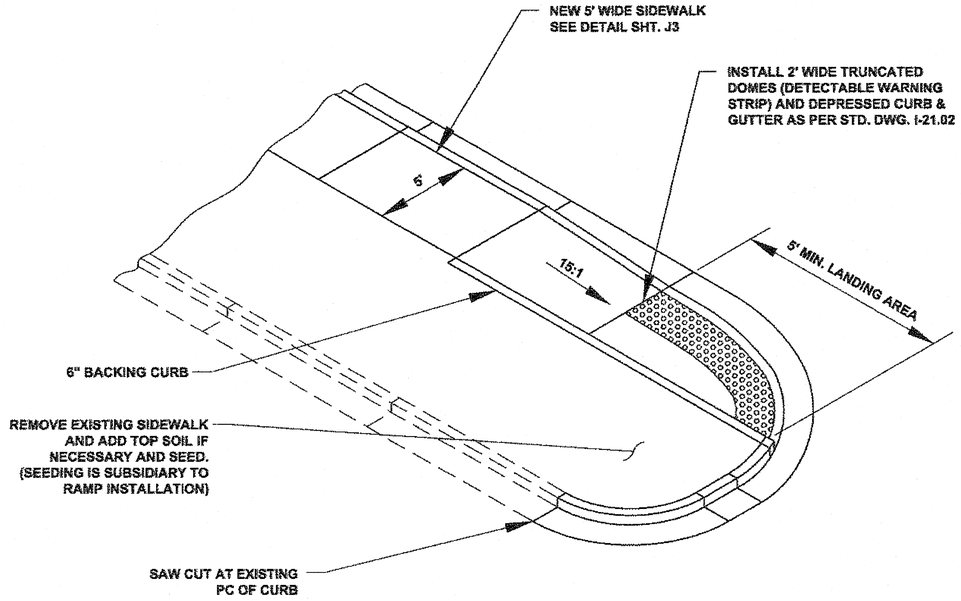
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

MISC. DETAILS

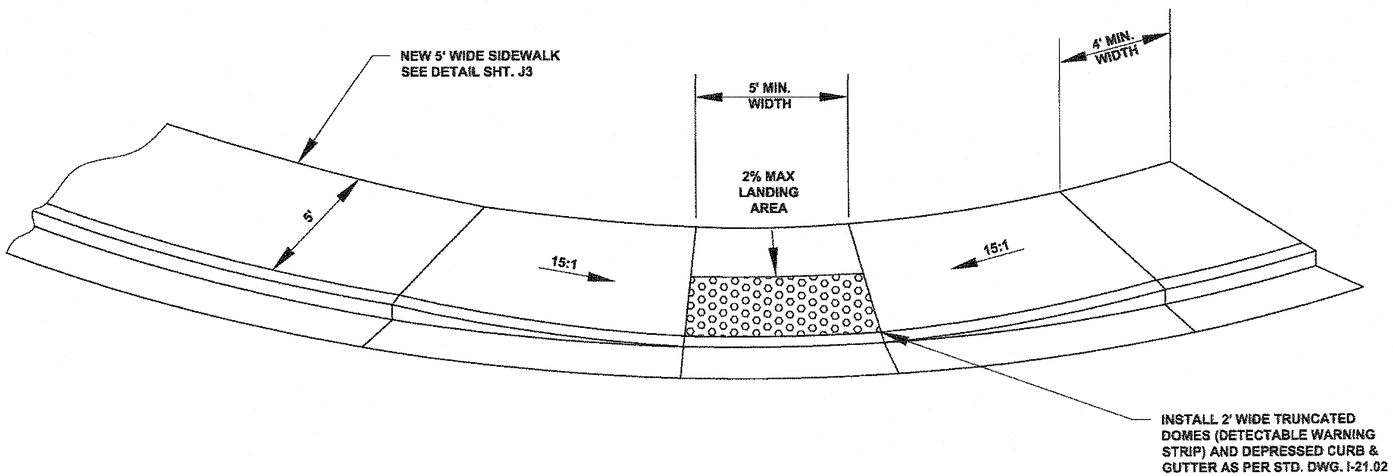
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TAB: J4 Thursday, August 23, 2012 1:29:52 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806) ~ 68045	2012	J4	47



ONE WAY DIRECTIONAL CURB RAMP
(SHELL SIMMONS DR. - STA. 21+11 & 22+39)

N.T.S.



ONE WAY DIRECTIONAL CURB RAMP
(SHELL SIMMONS DR. SOUTH - STA. 0+89.17)

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH W. 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-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

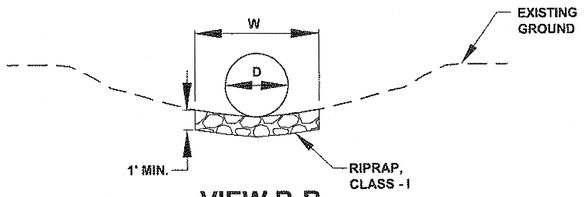
MISC. DETAILS

PATH: Q:\JNU\68045\EM\DOUG'S PLANSET\J_DETAIL SHT.DWG
TAB: J5 Wednesday, August 22, 2012 5:18:42 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NH-000S(806) ~ 68045	2012	J5	47

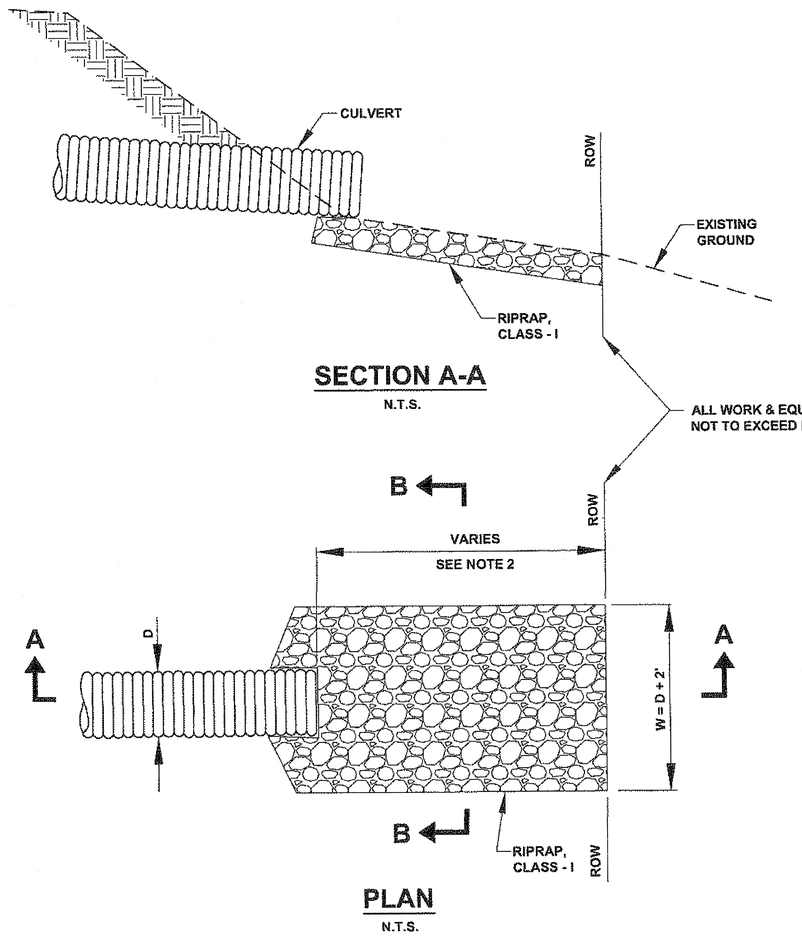
Addendum No. 2
Attachment No. 5



VIEW B-B
N.T.S.

NOTES:

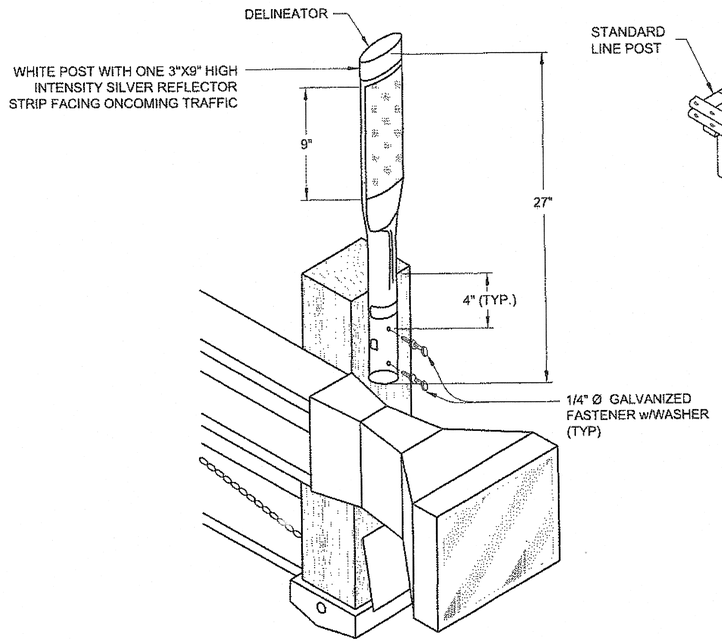
1. FOR CULVERT LOCATIONS AND REPLACEMENT SEE SHEET C-2.
2. CONSTRUCT RIPRAP APRON MINIMUM 5' BEYOND OUTLET UNLESS OTHERWISE SHOWN ON PLANS.



SECTION A-A
N.T.S.

PLAN
N.T.S.

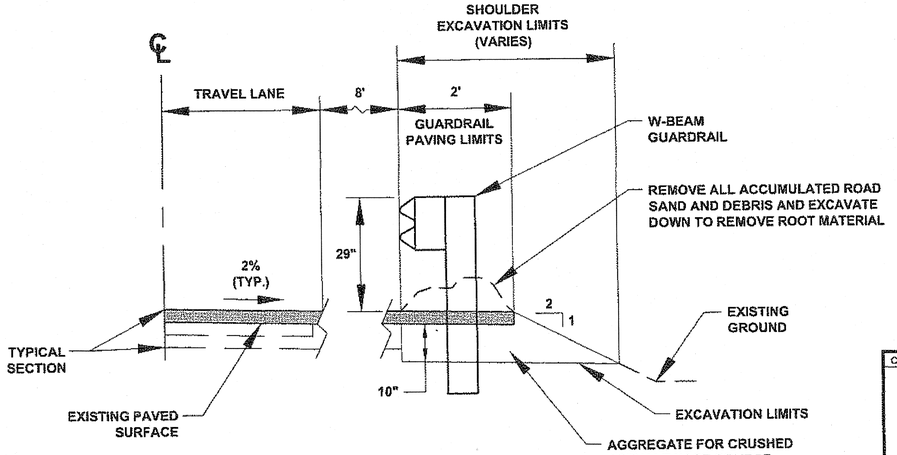
RIPRAP LINED OUTLET APRON DETAIL
N.T.S.



FLEXIBLE GUARDRAIL DELINEATOR
N.T.S.

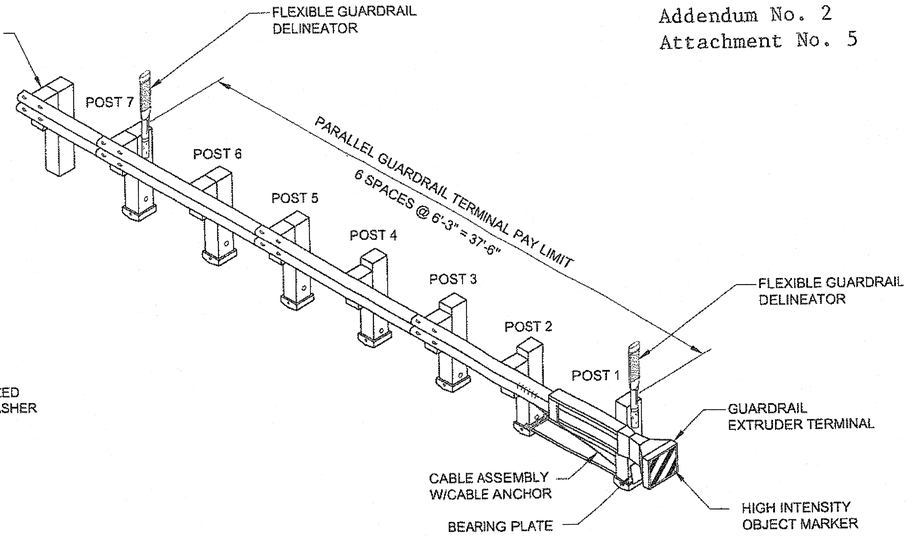
DELINEATOR NOTES:

1. EACH PARALLEL GUARDRAIL TERMINAL END SHALL HAVE A DELINEATOR ON THE END POST OF EACH TERMINAL AND WHERE THE TAPER BEGINS.
2. DELINEATORS SHALL HAVE WHITE REFLECTIVE SHEETING.
3. STEEL POST GUARDRAIL SHALL BE PRE-DRILLED PRIOR TO SECURING DELINEATOR WITH SELF-TAPPING SCREWS.



GUARDRAIL PAVING AND SHOULDER EXCAVATION TYPICAL SECTION
N.T.S.

1. DAYLIGHT SHOULDER EXCAVATION WHERE SLOPE CONDITION ALLOWS.
2. WHERE SLOPE BEHIND GUARDRAIL IS APPROXIMATELY LEVEL, EXCAVATE 2' BEHIND GUARDRAIL POST LINE.
3. INSTALL GUARDRAIL AT 29" HEIGHT. ALL OTHER GUARDRAIL COMPONENTS AND INSTALLATION PER STANDARD DRAWINGS.



PARALLEL GUARDRAIL TERMINAL
N.T.S.

1. THE TERMINAL DETAILS SHOWN ARE FOR ILLUSTRATION ONLY. INSTALL TERMINAL SECTIONS ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
2. SEE STD DWG. G-20.10 WIDENING FOR GUARDRAIL END TERMINAL. CONSTRUCT TERMINAL WITH END OFFSET OF 1.5' FROM NORMAL GUARDRAIL FACE.
3. END TERMINALS TO REMAIN AT 27" HEIGHT. TRANSITION FROM 29" TO 27" OVER A LENGTH OF 25'.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
STATE OF ALASKA 49th. KEITH D. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 11/8/12	JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION PROJECT #68045
DESIGNED BY: D. MULLINER	MISC. DETAILS
DRAWN BY: D. MULLINER	
PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\J_DETAIL SHT.DWG	
TAB: J6 Thursday, November 08, 2012 4:23:53 PM KARPSTEIN, KEITH D (DOT)	

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-000S(806) ~ 68045	2012	J6	47

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\P_EROSION SHT.DWG

MULLINER, DOUGLAS J (DOT)
TAB: P1 Thursday, August 23, 2012 3:26:34 PM

ADDENDUM NUMBER

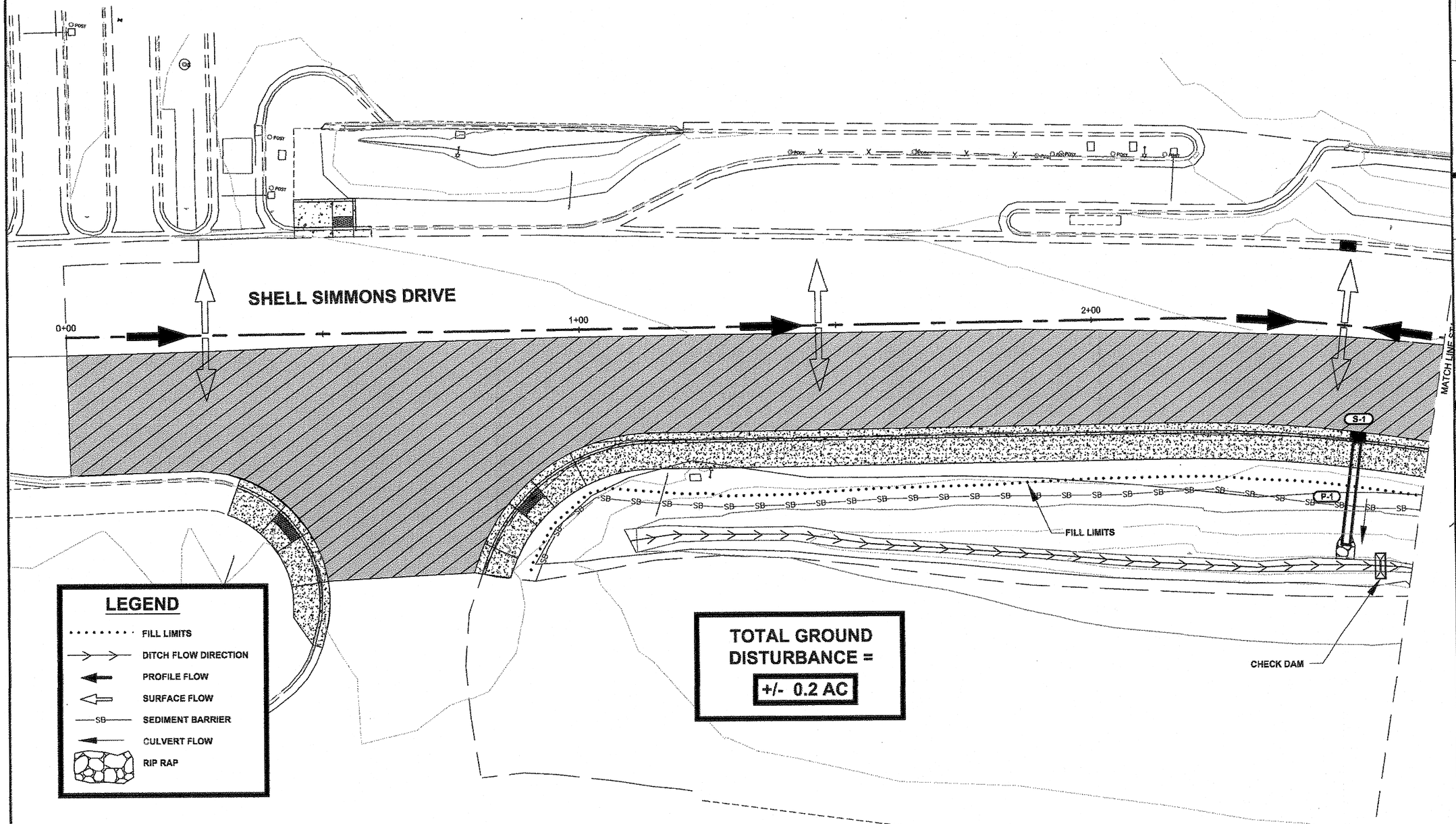
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 20' 40'

SCALE IN FEET



LEGEND

- FILL LIMITS
- DITCH FLOW DIRECTION
- PROFILE FLOW
- SURFACE FLOW
- SB — SEDIMENT BARRIER
- CULVERT FLOW
- RIP RAP

TOTAL GROUND DISTURBANCE =

+/- 0.2 AC

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
REGISTERED PROFESSIONAL ENGINEER
8/23/12

DESIGNED BY: D. MULLINER

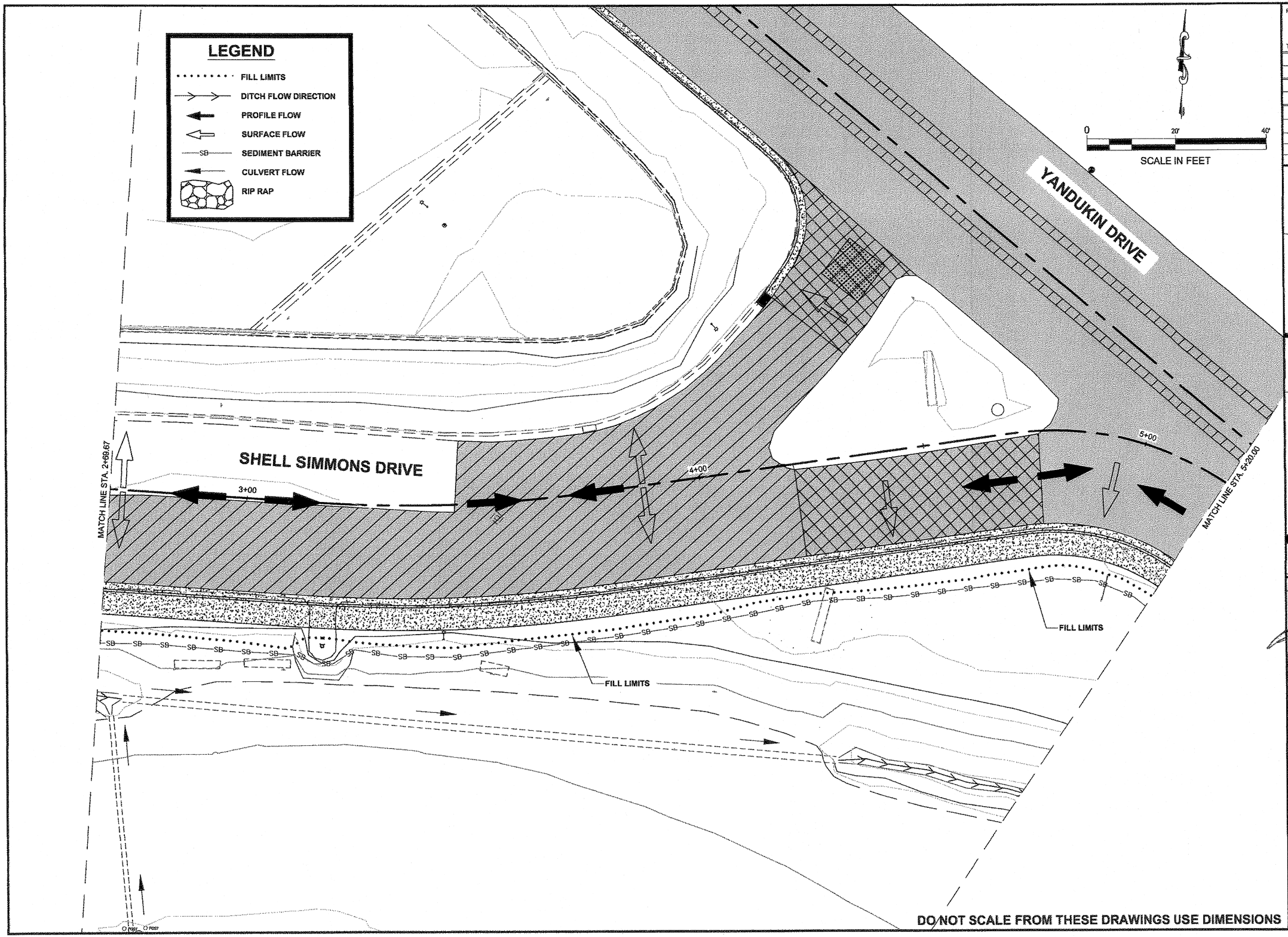
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

EROSION & SEDIMENT CONTROL PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
P1	47



PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\P_EROSION SHT.DWG

MULLINER, DOUGLAS J (DOT)

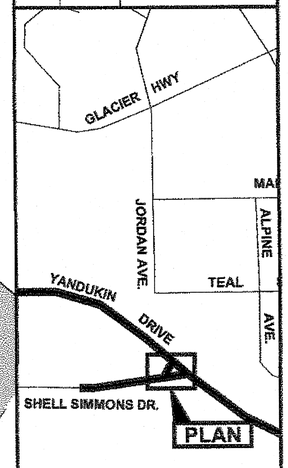
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA 49th KEITH O. KARPSTEIN CE-12934 REGISTERED PROFESSIONAL ENGINEER

8/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

EROSION & SEDIMENT CONTROL PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
P2	47

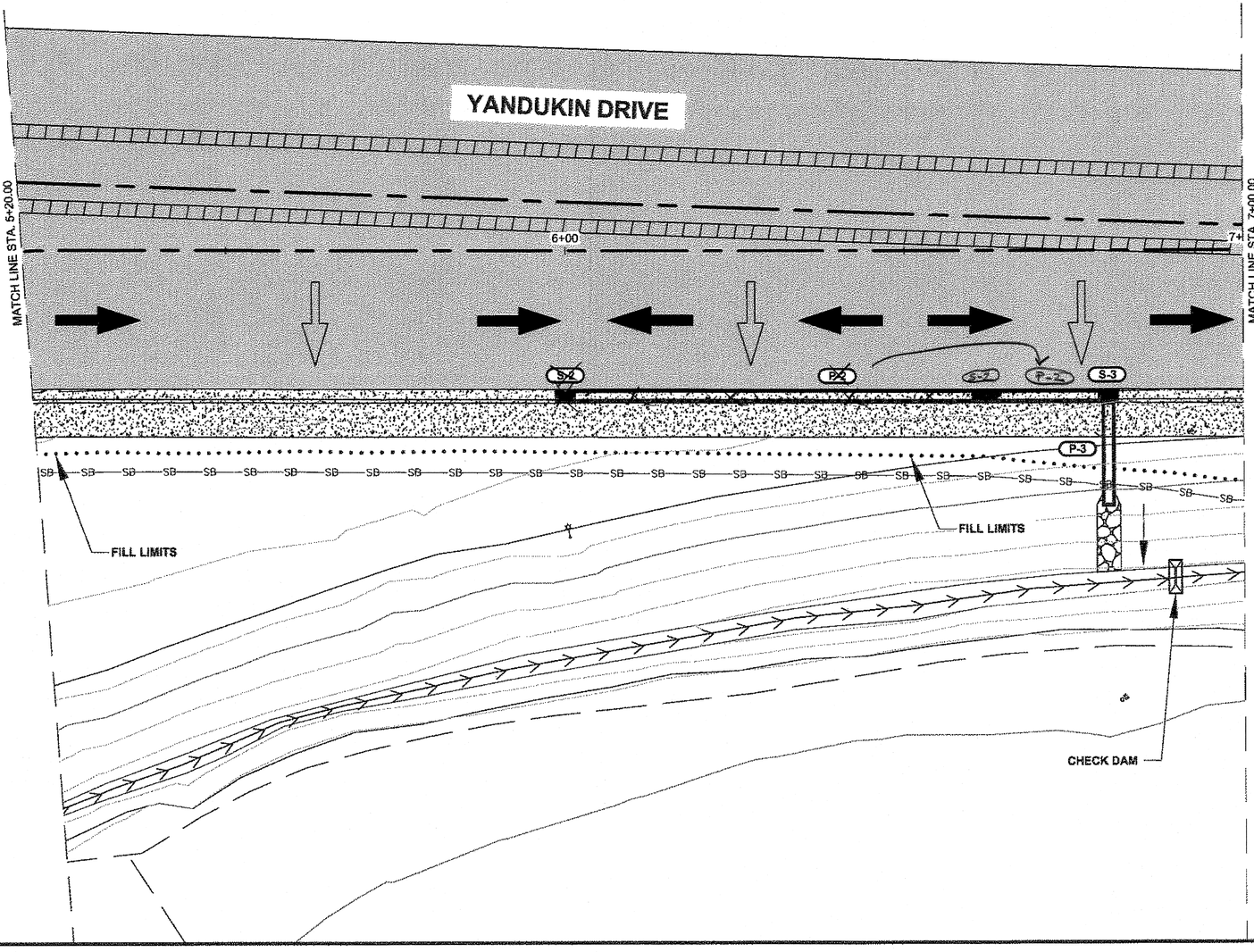
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

LEGEND

- FILL LIMITS
- DITCH FLOW DIRECTION
- PROFILE FLOW
- SURFACE FLOW
- SB — SEDIMENT BARRIER
- CULVERT FLOW
- RIP RAP

0 20' 40'

SCALE IN FEET



PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\P_EROSION SHT.DWG

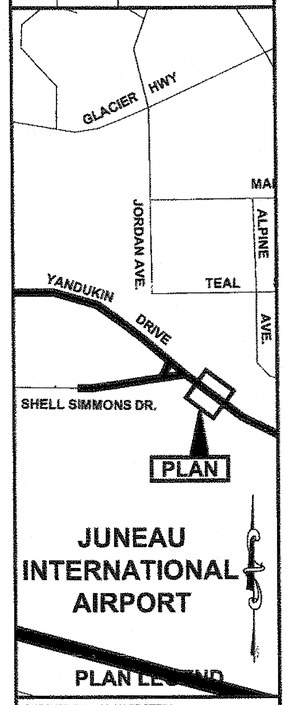
MULLINER, DOUGLAS J (DOT)
TAB: P3 Thursday, August 23, 2012 3:27:54 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: K. KARPSTEIN

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

5/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

EROSION & SEDIMENT CONTROL PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
P3	47

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 8/9/19

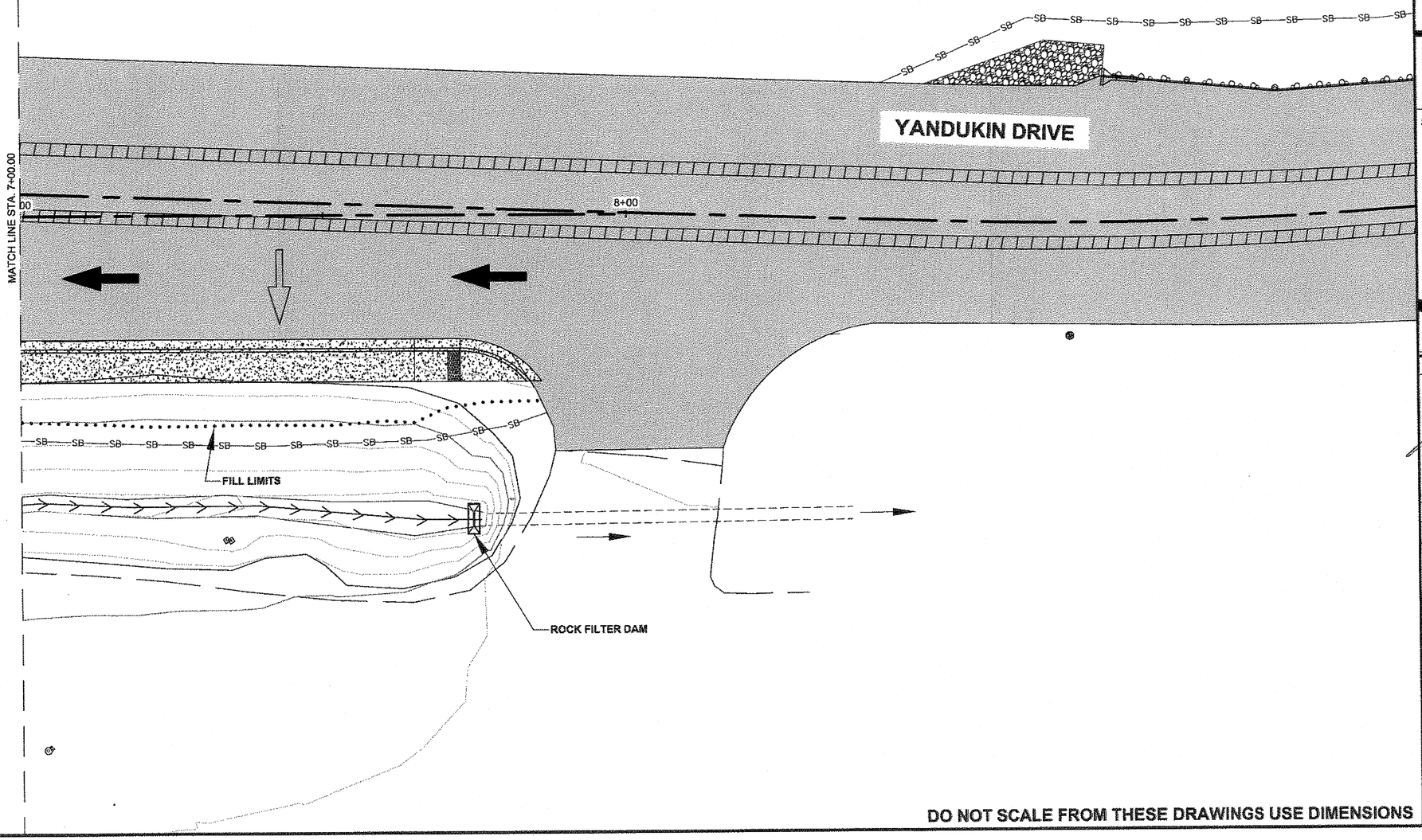
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

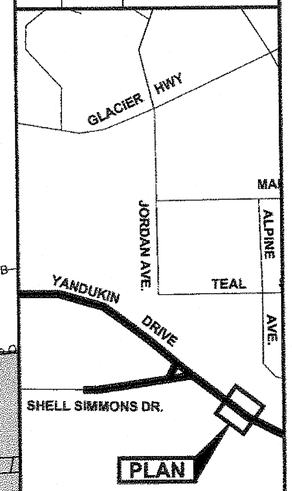
LEGEND

- FILL LIMITS
- DITCH FLOW DIRECTION
- PROFILE FLOW
- SURFACE FLOW
- SB — SEDIMENT BARRIER
- CULVERT FLOW
- RIP RAP

0 20' 40'

SCALE IN FEET





PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\P_EROSION SHT.DWG

MULLINER, DOUGLAS J (DOT)

TAB: P4 Thursday, August 23, 2012 1:33:47 PM

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-12904 REGISTERED PROFESSIONAL ENGINEER

5/23/12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

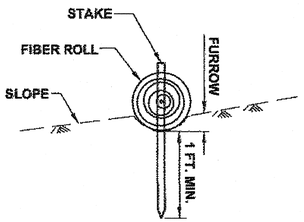
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

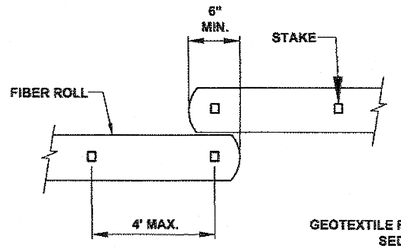
EROSION & SEDIMENT CONTROL PLAN

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
P4	47

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



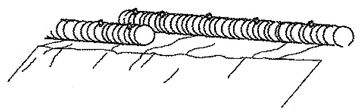
SECTION



PLAN

FIBER ROLL (TYPE 1)

N.T.S.



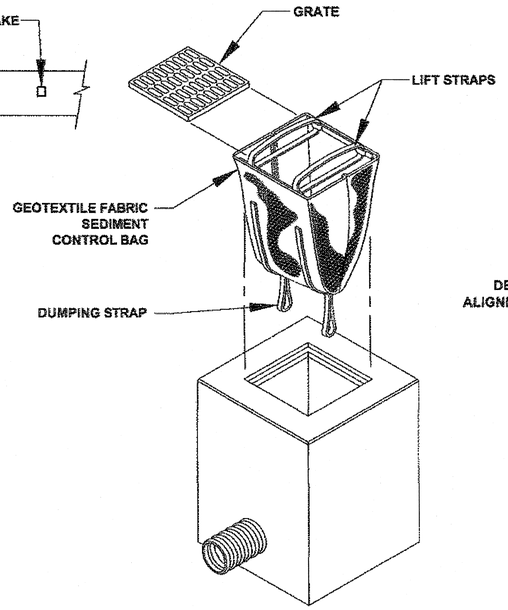
PERSPECTIVE

FIBER ROLL (TYPE 1)

N.T.S.

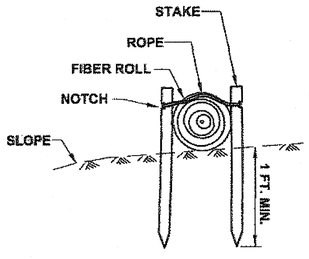
NOTES:

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

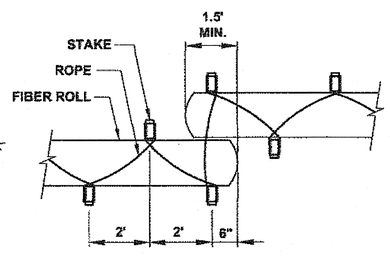


INLET PROTECTION DETAIL

N.T.S.



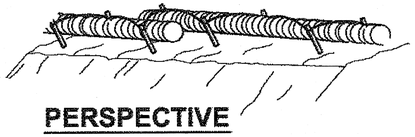
SECTION



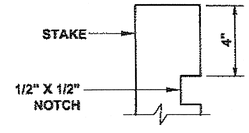
PLAN

FIBER ROLL (TYPE 2)

N.T.S.



PERSPECTIVE



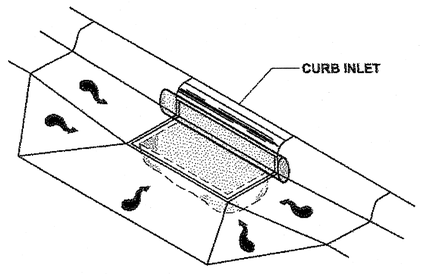
STAKE TYPE 2

FIBER ROLL (TYPE 2)

N.T.S.

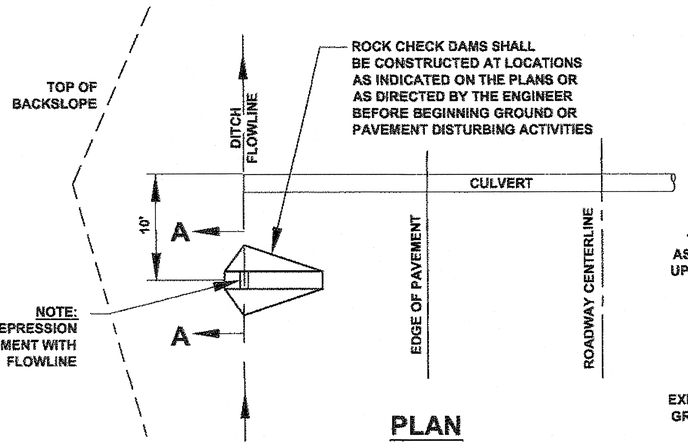
TYPICAL FIBER ROLL DETAIL

N.T.S.

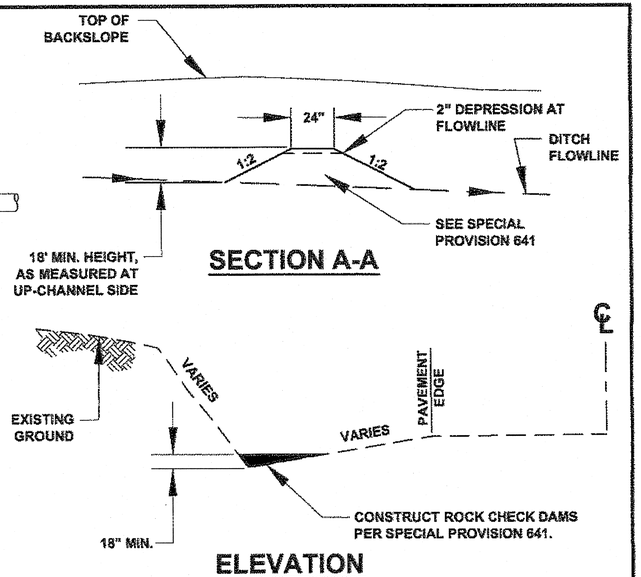


INLET PROTECTION DETAIL

N.T.S.



PLAN



ROCK CHECK DAM DETAILS

ROCK CHECK DAM NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING GROUND OR PAVEMENT DISTURBING ACTIVITIES.
2. MAINTAIN DEVICES. MONITOR DAILY. EXCAVATE SEDIMENT BEHIND CHECK DAM WHEN 4" OR MORE SEDIMENT IS PRESENT.
3. IF INSPECTION REVEALS SEDIMENT IS DISCHARGING BEYOND THE PROJECT WORK LIMITS, IMMEDIATELY IMPLEMENT CORRECTIVE ACTION. ADDITIONAL CHECK DAMS MAY BE REQUIRED.

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 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.

CURB INLET PROTECTION TABLE

STATION	OFFSET	REMARKS
SHELL SIMMONS DRIVE		
11+05	RT	
12+03	RT	
12+03	LT	
12+98	RT	
14+02	RT	
14+96	RT	
16+26	RT	
18+98	RT	
20+48	RT	
22+47	LT	
YANDUKIN DRIVE		
29+54	45' RT	
30+13	26' RT	FIELD INLET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th K. KEITH B. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 8/23/12

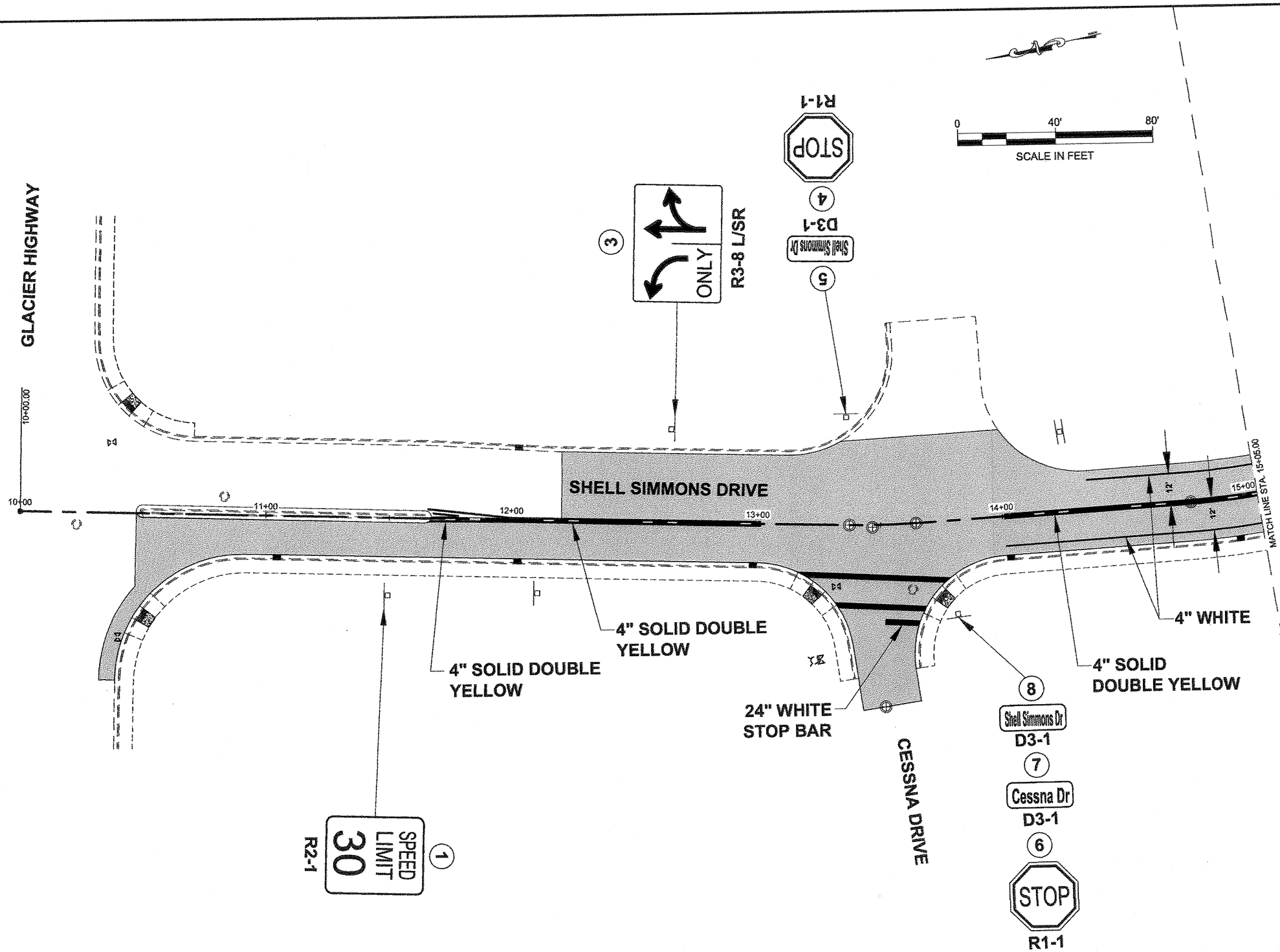
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

EROSION & SEDIMENT CONTROL DETAILS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\P_EROSION DETAIL_SHT.DWG
TAB: P5 Thursday, August 23, 2012 4:35:52 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	P5	47



PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)

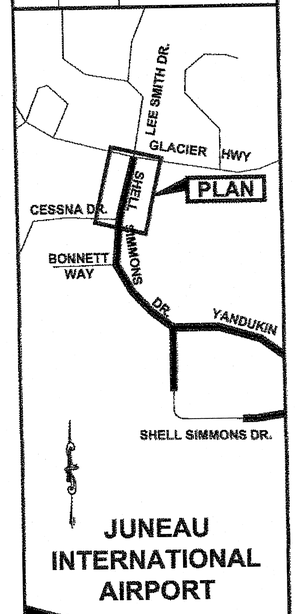
TAB: R1 Tuesday, August 21, 2012 11:59:55 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th DAVID K. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER 8.21.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

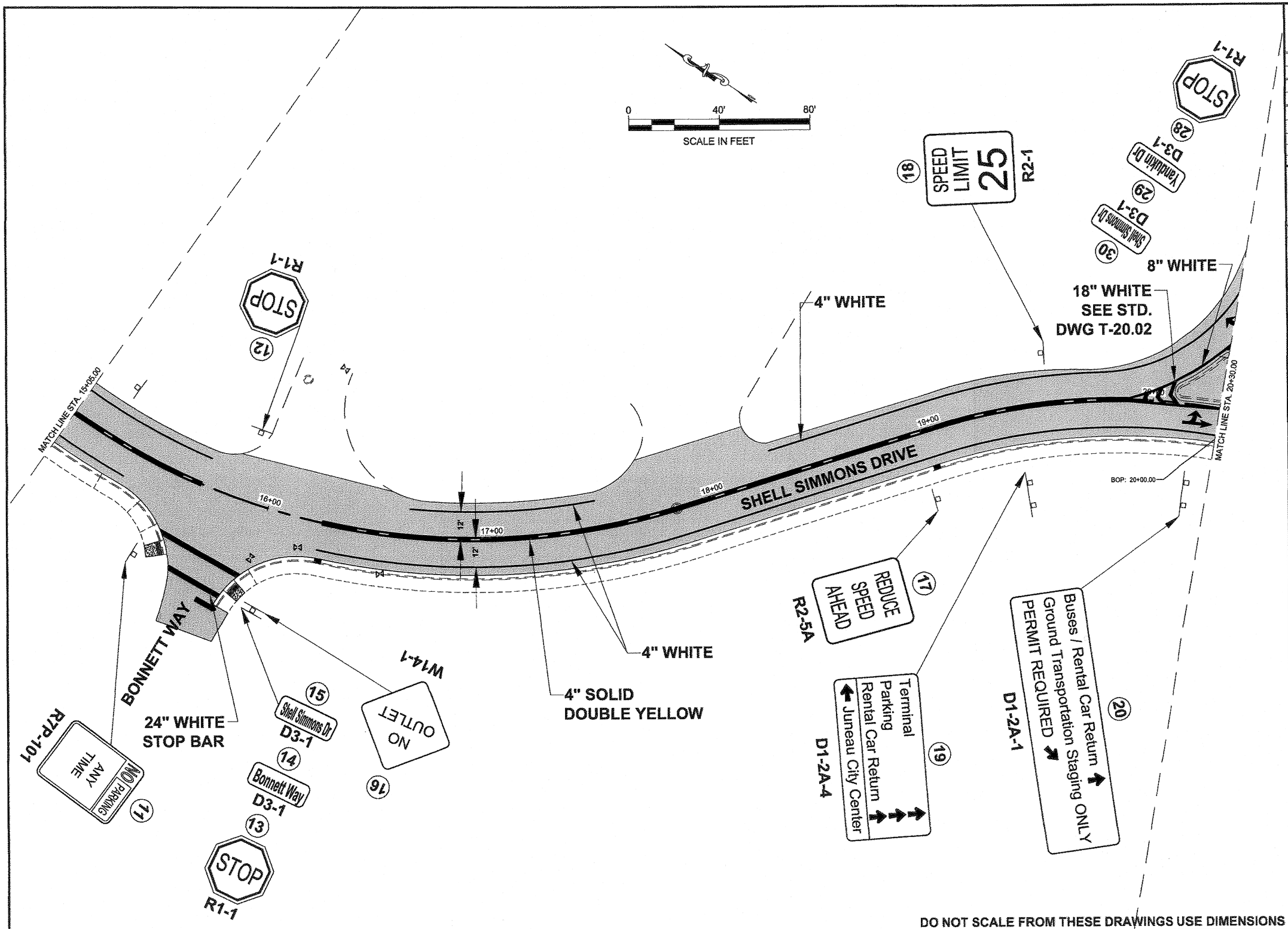
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R1	47

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\68045\EM\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)

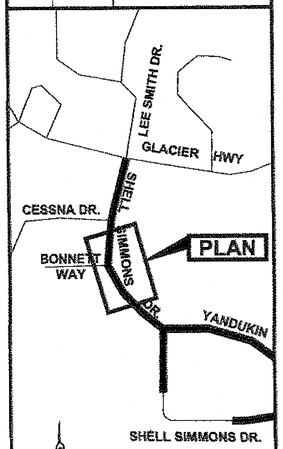
TAB: R2 Friday, September 28, 2012 9:05:10 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID R. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R2	47

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)

TAB: R3 Thursday, September 27, 2012 2:43:52 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

YANDUKIN DRIVE

SPEED LIMIT 10 R2-1 (22)

D1-2A-1 Parking (24)

FOR PAVEMENT MARKINGS REFER TO MUTCD ALPHABET FOR SIZE AND SPACING

4" DASHED SOLID WHITE, SEE STD. DWG. T-21.02

MATCH INTO EXISTING STRIPING

0 40' 80'

SCALE IN FEET

EOP: 24+00.05

21+00 22+00 23+00 24+00

SHELL SIMMONS DRIVE

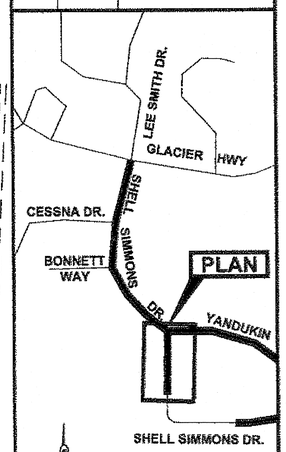
MATCH LINE STA. 20+30.00

R8-3A (23)

W11-2 (25)

24" SOLID WHITE

SPEED LIMIT 10 R2-1 (21)



JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th DAVID B. EPSTEIN CE-8868 REGISTERED PROFESSIONAL ENGINEER

9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R3	47

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\68045\ENG\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)
TAB: R4 Thursday, September 27, 2012 2:44:15 P

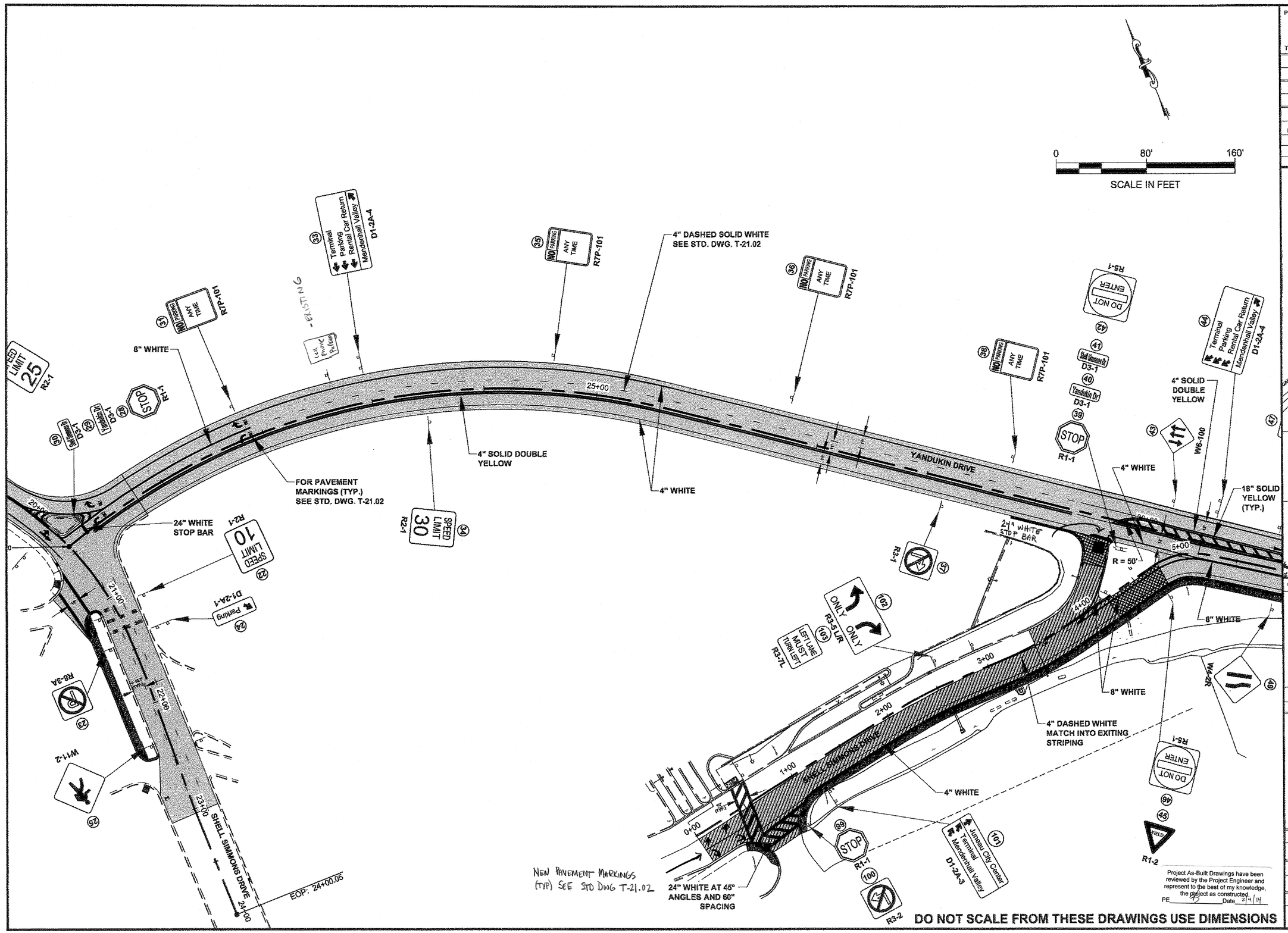
ADDENDUM NUMBER

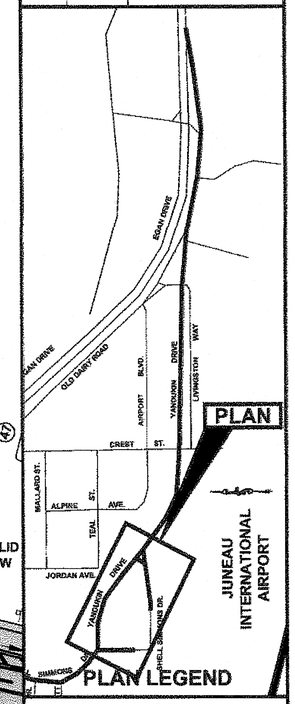
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 80' 160'
SCALE IN FEET





CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID S. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R4	47

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

PATH: C:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)
TAB: R5 Thursday, September 27, 2012 2:44:30 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 80' 160'

SCALE IN FEET

MATCH LINE STA. 30+70.00

MATCH LINE STA. 41+69.00

4" SOLID DOUBLE YELLOW

4" WHITE

8" WHITE

24" WHITE STOP BAR

YANDUKIN DRIVE

CREST STREET

Jordan Creek I-3

REDUCE SPEED AHEAD R2-5A

STOP R1-1

Yandukin Dr D3-1

Crest St D3-1

SPEED LIMIT 30 R2-1

SPEED LIMIT 40 R2-1

NO PARKING ANY TIME R7P-101

USE BUS MERGE LEFT W9-2L

W1-8A

W1-8

W6-3

FIRE STATION

BUCKLE UP ITS THE LAW R16-1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN

JUNEAU INTERNATIONAL AIRPORT

PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-8865
REGISTERED PROFESSIONAL ENGINEER
9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R5	47

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)
TAB: R6 Thursday, September 27, 2012 2:44:41 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 80' 160'

SCALE IN FEET

MATCH LINE STA. 41+60.00

MATCH LINE STA. 52+50.00

45+00

50+00

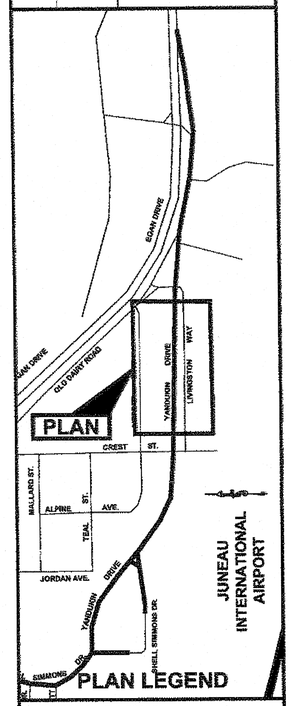
YANDUKIN DRIVE

(79) W11-8

(71) FIRE STATION W11-8A

4" SOLID DOUBLE YELLOW

4" WHITE



CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID G. EPSTEIN
CE-6966
REGISTERED PROFESSIONAL ENGINEER
9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R6	47

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)
TAB: R7 Thursday, September 27, 2012 2:44:56 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 80' 160'
SCALE IN FEET

OLD DAIRY RD.

MATCH INTO EXISTING STRIPING

4" YELLOW

4" WHITE

4" SOLID DOUBLE YELLOW

YANDUKIN DRIVE

MATCH LINE STA. 52+50.00

MATCH LINE STA. 63+40.00

55+00

60+00

24" WHITE STOP BAR

(72) Egan Drive south only / Old Dairy Road — D1-2A-3

(73) SPEED LIMIT 40 — R2-1

(74) STOP — R1-1

(75) Yandukin Dr — D3-1

(76) Old Dairy Rd — D3-1

(77) STOP — R1-1

(78) Yandukin Dr — D3-1

(79) Livingston Way — D3-1

(80) Airport / Juneau — D1-2A-2

(81) — R3-1

(82) — W12-1

(83) — OM1-1

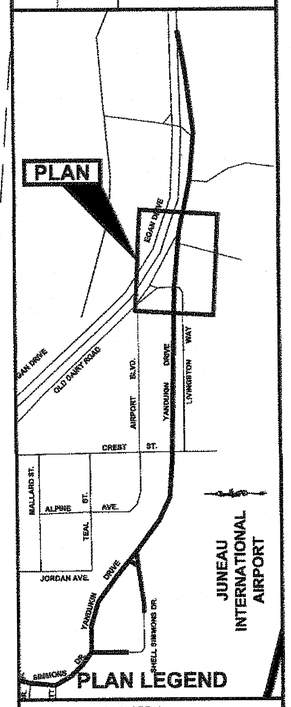
(84) SPEED LIMIT 40 — R2-1

(85) Airport / Glacier Hwy — D1-2A-2

(86) Airport / Old Dairy Road — D1-2A-2

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PLAN



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA — 49th — DAVID B. EPSTEIN — CE-8806 — REGISTERED PROFESSIONAL ENGINEER

9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION	
NH-000S(806) ~ 68045	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R7	47

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

MULLINER, DOUGLAS J (DOT)
TAB: R8 Thursday, September 27, 2012 2:45:07 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 80' 160'
SCALE IN FEET

EGAN DRIVE

MATCH LINE STA. 63+40.00

YANDUKIN DRIVE

65+00

70+00

MATCH LINE STA. 74+30.00

YANDUKIN DRIVE

R5-1 DO NOT ENTER

W6-3

R8-1R

CUSTOM HELIPORT

24" WHITE STOP BAR

4" WHITE

4" SOLID DOUBLE YELLOW

OM1-1

R4-7

R4-7

Mackinlay Way D3-1

Yandukin Dr D3-1

STOP R1-1

PLAN

PLAN LEGEND

JUNEAU INTERNATIONAL AIRPORT

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6886
REGISTERED PROFESSIONAL ENGINEER
9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

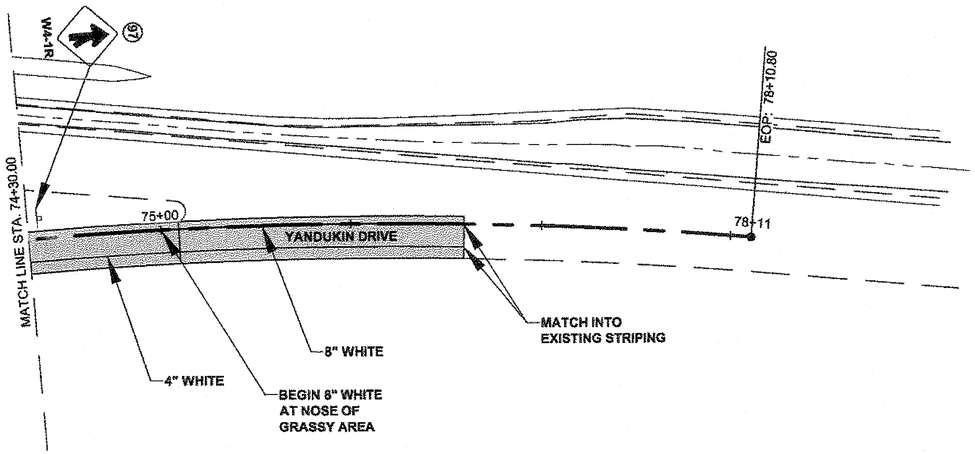
JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

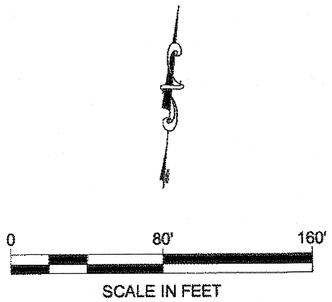
SIGNING & STRIPING

PROJECT DESIGNATION
NH-000S(806) ~ 68045

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R8	47

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\68045\EN\DOUG'S PLANSET\R_SIGNING & STRIPING.DWG

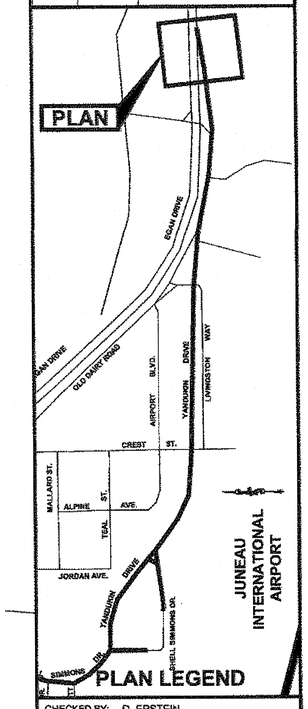
MULLINER, DOUGLAS J (DOT)
TAB: R9 Thursday, September 27, 2012 2:45:17 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6666
REGISTERED PROFESSIONAL ENGINEER
9.28.12

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

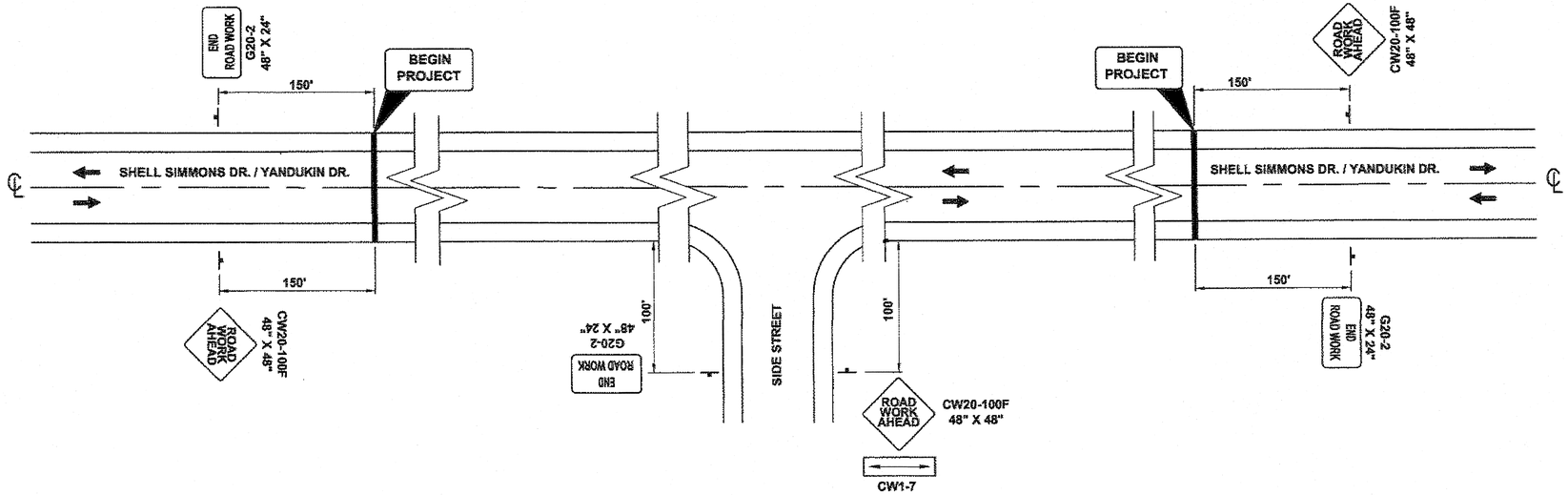
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT # NH-000S(806)~68045

SIGNING & STRIPING

PROJECT DESIGNATION
NH-000S(806) ~ 68045

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
R9	47



PERMANENT CONSTRUCTION SIGNING

N.T.S.

TCP SETUP TABLE

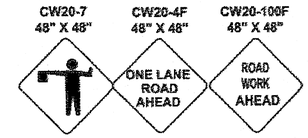
SPEED (MPH)	MIN MERGING TAPER LENGTH (L) IN FEET WIDTH OF OFFSET (W) IN FEET			MIN NUMBER OF DEVICES WIDTH OF OFFSET (W) IN FEET			MAX DEVICE SPACING IN FEET		BUFFER SPACE
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	(FT)
25 OR BELOW	105	115	125	6	6	6	25	50	155
30	150	165	180	6	7	7	30	60	200
35	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

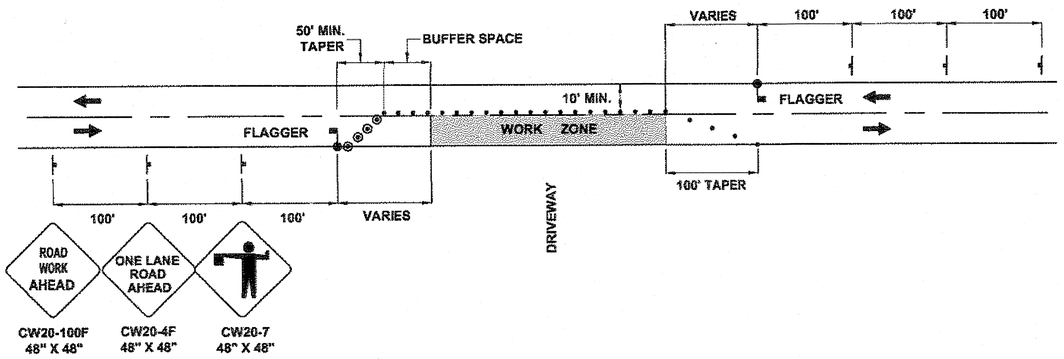
FORMULAS FOR L (TAPER LENGTH)

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





TWO LANE ROADWAY-SINGLE LANE CLOSURE

N.T.S.

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 ELEVATIONS 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

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

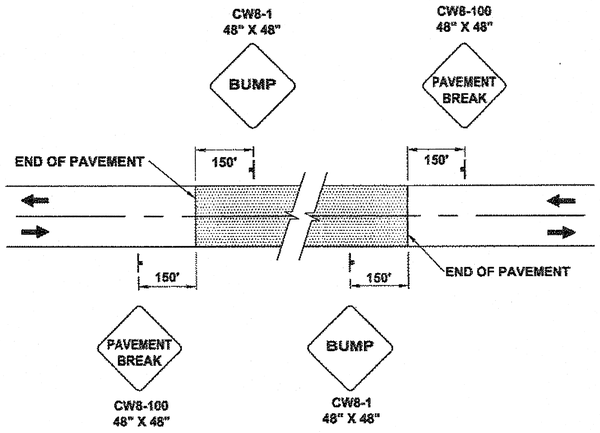
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION
PROJECT #68045

TRAFFIC CONTROL PLAN

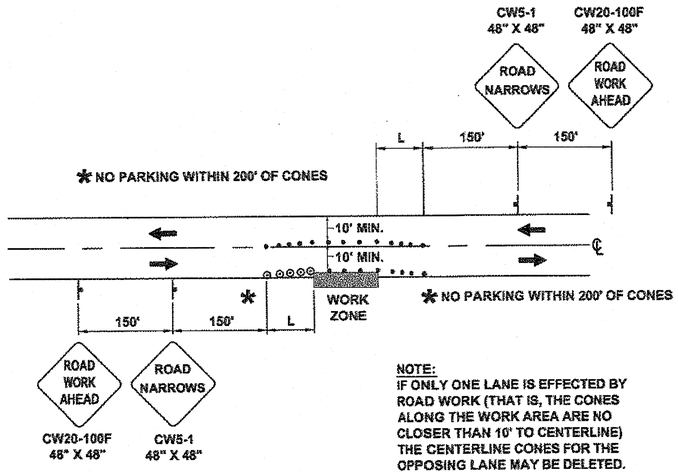
PATH: Q:\JNU\68045\EM\DOUG'S PLANSETS_TRAFFIC CONTROL PLAN.DWG
TAB: S1 Thursday, September 27, 2012 8:21:29 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	S1	47



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

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

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-YANDUKIN DRIVE / SHELL SIMMONS DRIVE PAVEMENT REHABILITATION PROJECT #68045

TRAFFIC CONTROL PLAN

PATH: Q:\JNU\68045\ENDOUG'S PLANSETS_TRAFFIC CONTROL PLAN.DWG
TAB: S2 Wednesday, August 22, 2012 5:28:36 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-000S(806)~68045	2012	S2	47