AS-BUILTS

State of Alaska

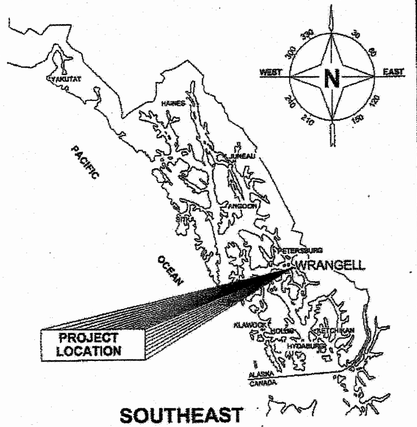
Department of Transportation and Public Facilities Southeast Region

WRANGELL, ALASKA

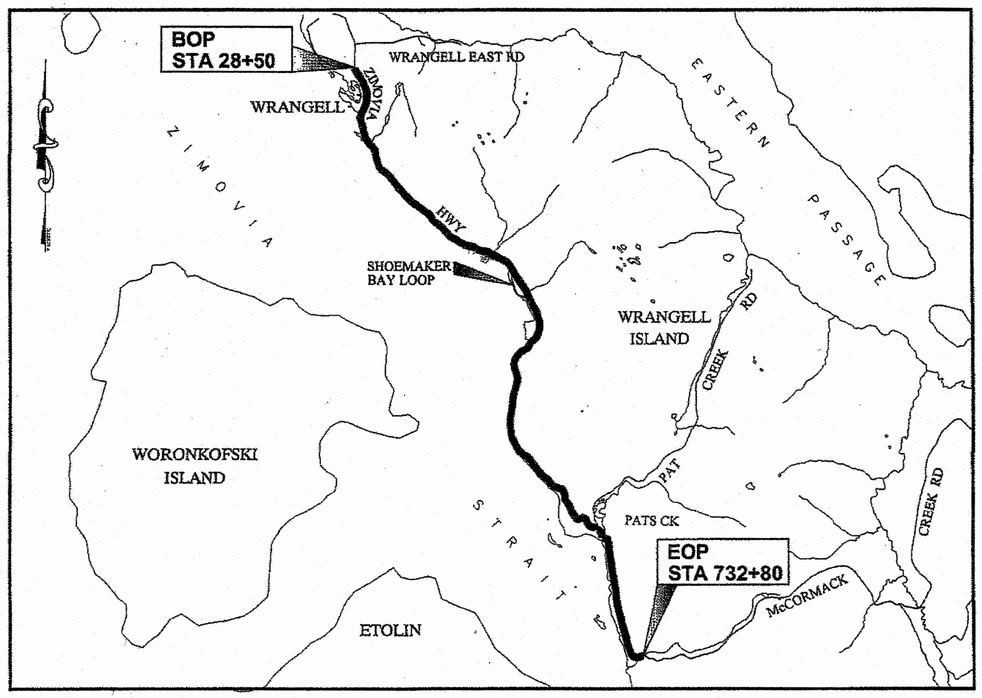
ZIMOVIA PAVEMENT REHABILITATION

NH-STP-0003(162)~67425

As-Built
Contractor: Secon
P.E.: Steve Mielke
Begin Date: 6-8-13
End Date: 9-25-13



SOUTHEAST ALASKA REGION



VICINITY MAP

DESIGN DESIGNATION

A.D.T. 2010	=	2100
A.D.T. 2034	=	2370
D.H.V. (10.8%) 2010	=	230
D.H.V. (10.8%) 2034	=	260
% T	=	4.6%
V	=	35-50 MPH
E.A.L.	=	250,000

PROJECT SUMMARY

LENGTH OF PROJECT	=	13.3 MILES
LENGTH OF PAVING	=	13.3 MILES
WIDTH OF PAVING	=	26 FT TO 39 FT

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. Date 3/10/15

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	D-01.02	G-00.02	I-20.14	S-00.11	T-06.00
C-03.10	D-04.21	G-04.06S	M-13.01	S-01.00	T-20.03
C-04.12	D-22.01	G-04.07W	M-16.01	S-05.01	T-21.03
C-05.20	D-23.01	G-10.01		S-20.10	T-22.03
	D-26.02	G-13.00		S-30.03	T-23.00
	E-13.00	G-20.11			

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	PROJECT LAYOUT
B1-B2	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D7	SUMMARIES
E1-E4	MISCELLANEOUS DETAILS
F1-F16	PLAN VIEW
P1	EROSION & SEDIMENT CONTROL DETAILS
Q1-Q2	PTR-LOOP DETECTOR DETAILS
T1	TRAFFIC CONTROL

CDS ROUTE: 293300 | MILEPOINT: 0.000 TO 13.625

PATH: Q:\WRG\67425\PLANSET\67425_A1 TSHT.DWG TAB:A1
Thursday, June 14, 2012 11:20:05 AM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 50TH DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-12-12

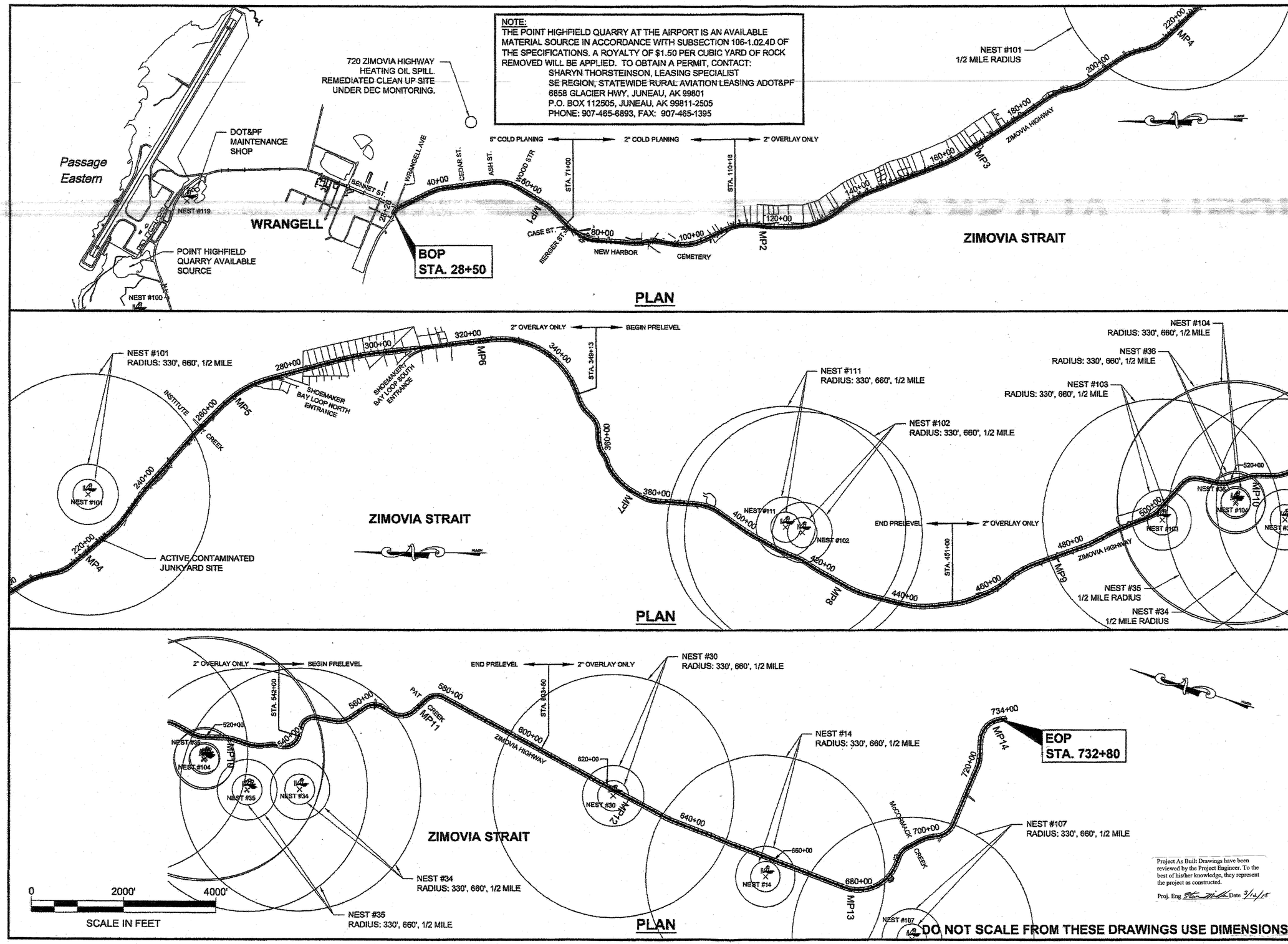
APPROVED: Chuck Correa 12-14-12
REGIONAL PRE-CONSTRUCTION ENGINEER CHUCK CORREA, P.E. DATE

APPROVED: 12-14-2012
DIRECTOR, SOUTHEAST REGION ALBERT H. CLOUGH, CPG DATE

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

CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-STP-0003(162)~67425	2012	A1	36



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/12/15

PATH: Q:\WRG\67425\PLANSET\67425_A2_SITEPLAN.DW

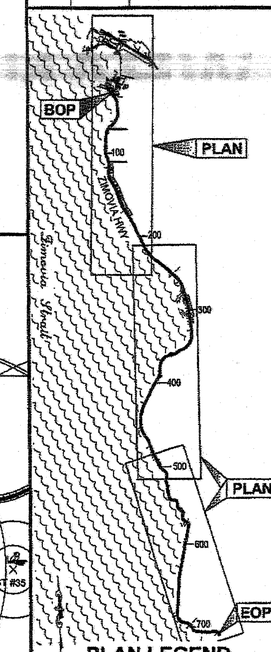
LESTER, DARRYL (DOT)

TAB: A2 Wednesday, December 12, 2012 2:4 :32

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-12-12

DESIGNED BY: D. LESTER

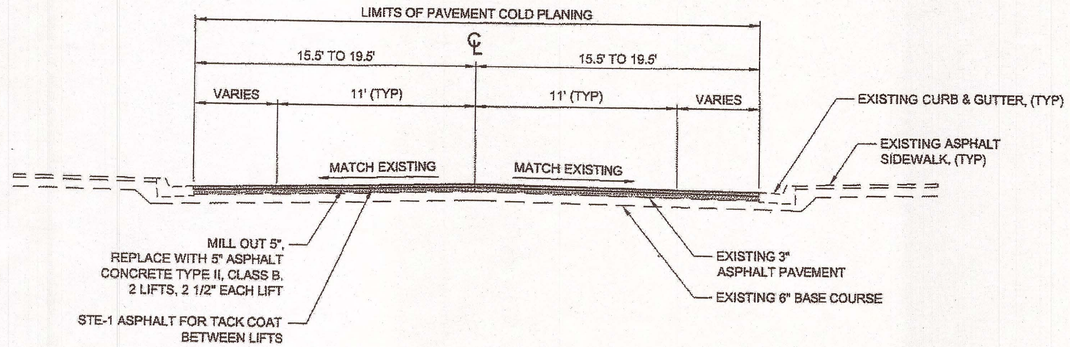
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

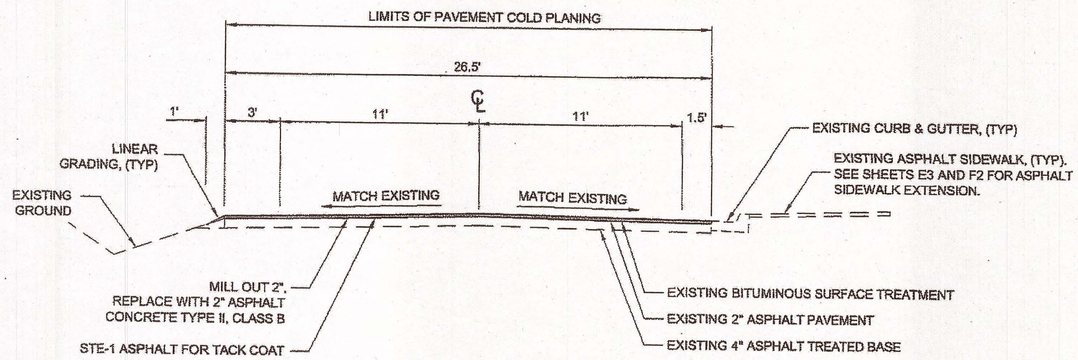
PROJECT LAYOUT

PROJECT DESIGNATION	
NH-STP-0003(162)~67425	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A2	36



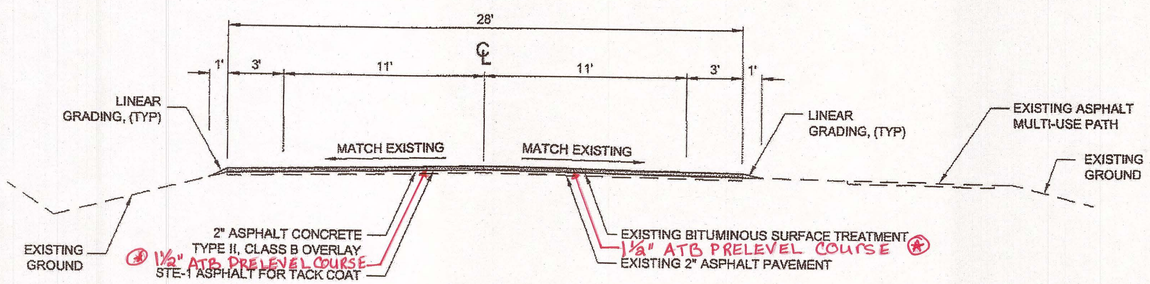
TYPICAL SECTION - URBAN 1

BOP STA. 28+50 TO STA. 71+00



TYPICAL SECTION - URBAN 2

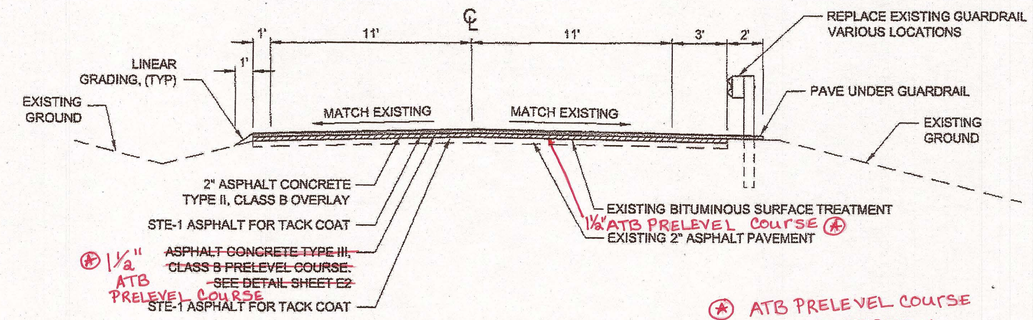
STA. 71+00 TO STA. 110+18



Sta. 347+00 to 349+13 Lt
Sta. 347+00 to 349+13 Rt

TYPICAL SECTION - RURAL 1

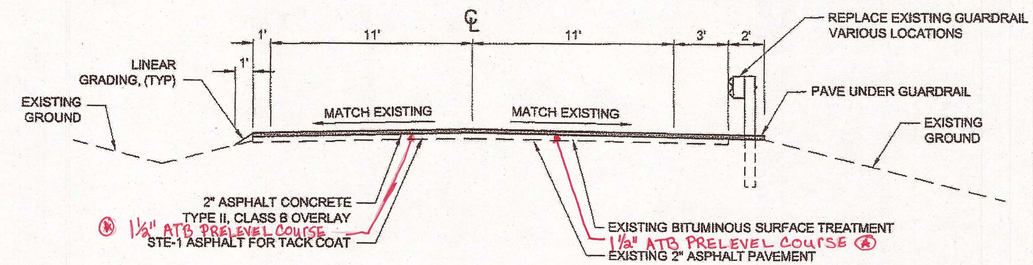
STA. 110+18 TO STA. 349+13



TYPICAL SECTION - RURAL 2

STA. 349+13 TO STA. 451+00
STA. 542+00 TO PAT CREEK BRIDGE STA. 574+12

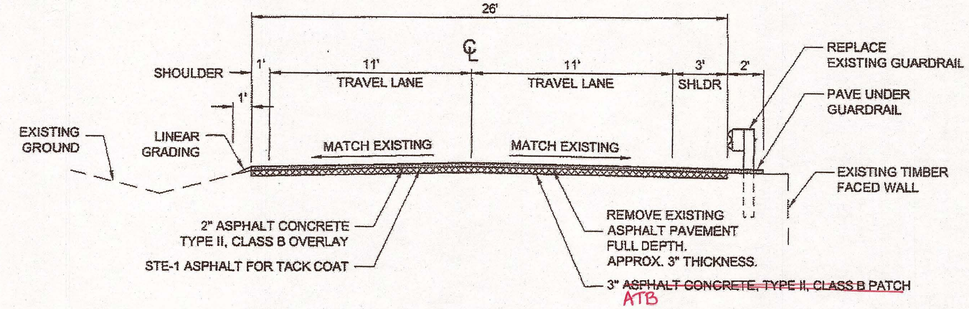
ATB PRELEVEL COURSE
Sta. 349+13 to 358+00 Lt
Sta. 344+00 to 451+00 Lt
Sta. 349+13 to 358+00 Rt
Sta. 344+00 to 451+00 Rt



TYPICAL SECTION - RURAL 3

STA. 451+00 TO STA. 542+00

ATB PRELEVEL COURSE
Sta. 451+00 to 501+00 Lt
Sta. 451+00 to 503+00 Rt



SPOT REPAIR TYPICAL SECTION

STA. 395+05 TO STA. 396+00

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/13/13

GENERAL NOTES:

1. INFORMATION CONTAINED IN THESE DOCUMENTS HAS BEEN COMPILED FROM AS-BUILT DRAWINGS AND AERIAL IMAGERY. FEATURE LOCATIONS ARE APPROXIMATE.
2. HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE EXISTING CENTERLINE AND EXISTING FINISHED SURFACE.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR CULVERT REPLACEMENT.
4. AS BUILT CENTERLINE PROFILE IN SPOT REPAIR AREAS PRIOR TO REMOVING ASPHALT.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-12-12

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

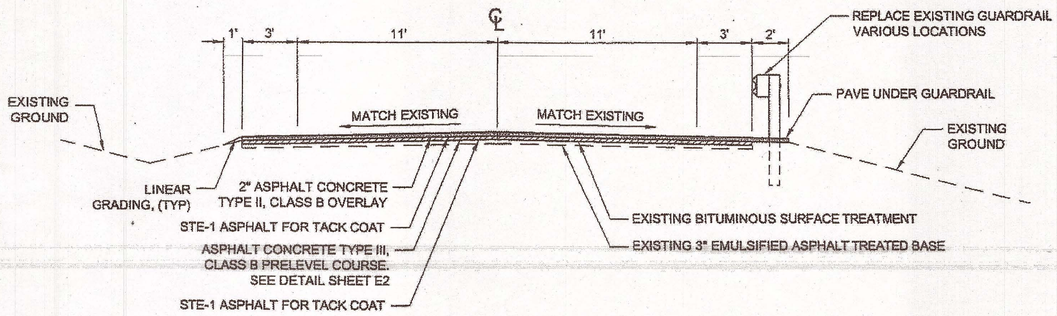
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

TYPICAL SECTIONS

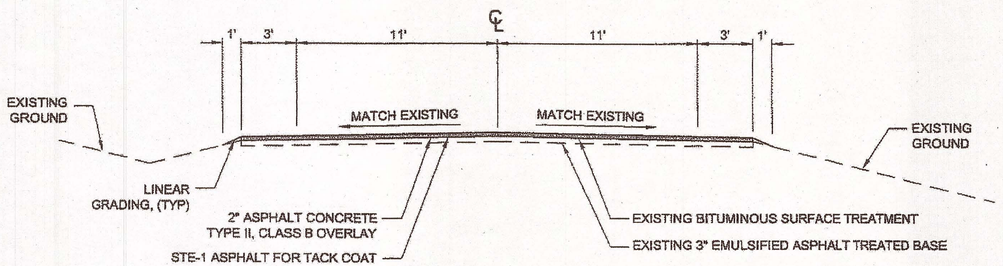
PATH: Q:\WRG\67425\PLANSET\67425_B1-B2_TYP.DWG
TAB: B1 Wednesday, December 12, 2012 2:49:31 PM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	B1	36



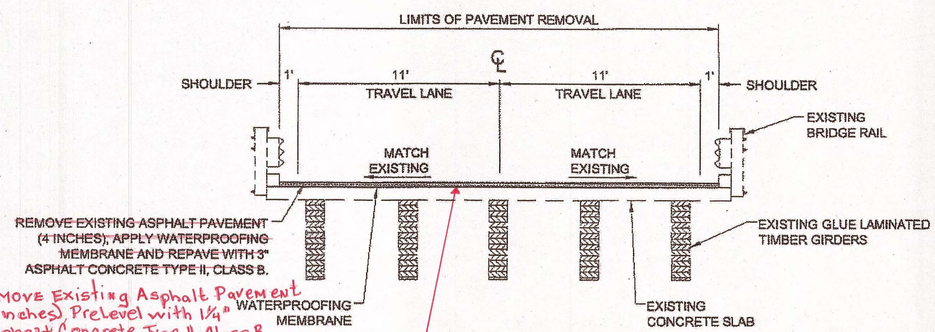
TYPICAL SECTION - RURAL 4

STA. 575+12 TO STA. 603+50



TYPICAL SECTION - RURAL 5

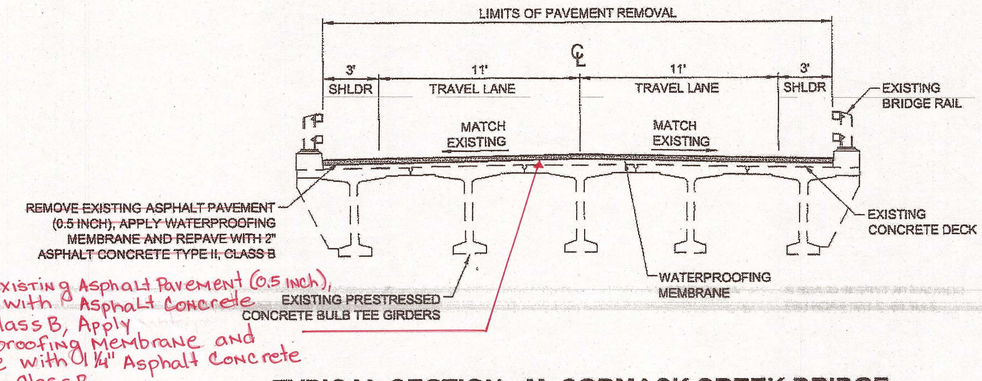
STA. 603+50 TO END OF PAVEMENT STA. 732+80



Remove Existing Asphalt Pavement (4 inches), Prelevel with 1¼" Asphalt Concrete Type II, Class B, Apply Waterproofing Membrane and repave with 1½" Asphalt Concrete Type II, Class B

TYPICAL SECTION - PAT CREEK BRIDGE

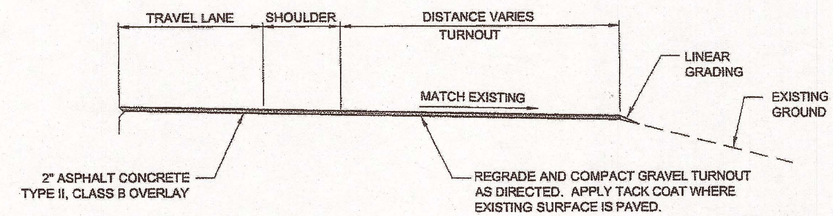
STA. 574+50



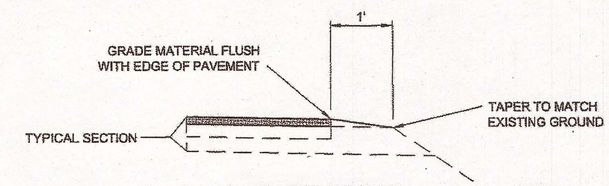
Remove Existing Asphalt Pavement (0.5 inch), Prelevel with Asphalt Concrete Type II, Class B, Apply Waterproofing Membrane and Prepave with 0 1/4" Asphalt Concrete Type II, Class B

TYPICAL SECTION - McCORMACK CREEK BRIDGE

STA. 696+50



TURNOUT TYPICAL SECTION

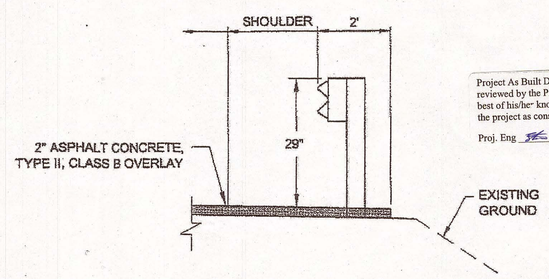


LINEAR GRADING

NTS

NOTES:

1. MATERIAL FOR LINEAR GRADING SHALL MATCH THE REQUIREMENTS OF RAM OR AGGREGATE BASE COURSE, GRADING D-1. USE RAM PRIOR TO USING D-1.
2. LINEAR GRADING SHALL BE PAID FOR UNDER ITEM 303 (3).
3. REMOVE VEGETATION PRIOR TO PLACING LINEAR GRADING.



GUARDRAIL INSTALLED-RAISED HEIGHT DETAIL

NTS

NOTES:

1. INSTALL GUARDRAIL AT 29" HEIGHT. ALL OTHER GUARDRAIL COMPONENTS AND INSTALLATION PER STD. DRAWINGS.

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/14/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-12-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

TYPICAL SECTIONS

PATH: Q:\WRG\67425\PLANSET\67425_B1-B2_TYP.DWG

TAB: B2 Wednesday, December 12, 2012 2:46:15 PM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	B2	36

AS-BUILTS

ESTIMATE OF QUANTITIES

ITEM NO	ITEM DESCRIPTION	PAY UNIT	QUANTITY	
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQUIRED	
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~1,800~~	3597
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	~~330~~	330.72
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	~~1,726~~	2,001.70
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	~~25~~	51
202 (13)	STORM DRAIN SYSTEM CLEANING	LUMP SUM	ALL REQUIRED	
203(3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	~~500~~	142.22
203 (5A)	BORROW, TYPE A, DELETED BY CO 9	TON	~~1,700~~	0
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	~~360~~	279.5
303 (3)	LINEAR GRADING	STATION	1,284	1,105.75
401 (1A)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	29,330	31,007.51
401 (1B)	ASPHALT CONCRETE, TYPE III; CLASS B	TON	4,310	
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	1,975	1565.88
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	
401 (10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	~~152~~	69.98
408 (1)	PAVEMENT COLD PLANING	SQUARE YARD	~~27,800~~	29,469.19
508(1)	WATERPROOFING MEMBRANE	LUMP SUM	ALL REQUIRED	
603 (21)-24	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~1,544~~	1,798.10
603 (21)-30	30 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~54~~	50
603 (21)-36	36 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~128~~	72
603 (22)-48	48 INCH LINER PIPE	LINEAR FOOT	92	92
604 (4)	ADJUST EXISTING MANHOLE	EACH	~~2~~	1
604 (5)	INLET, TYPE A	EACH	1	1
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	~~11,062~~	11,642.20
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	~~12,262~~	12,150.0
606 (7)	RAISING EXISTING GUARDRAIL	LINEAR FOOT	~~401~~	400.50
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	36	38
606 (15)	DOWNSTREAM END ANCHOR	EACH	1	1
608 (3)	ASPHALT SIDEWALK	SQUARE YARD	~~250~~	283.8
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	~~236~~	191
615 (1)	STANDARD SIGN	SQUARE FOOT	~~1,145.0~~	1,184
620 (1)	TOPSOIL	SQUARE YARD	~~950~~	1,624.3
627(10)	ADJUSTMENT OF VALVE BOX	EACH	~~39~~	38
629 (1)	GUARDRAIL PAVING	LINEAR FOOT	~~14,039~~	13,848.40
633 (2)	SEDIMENT BARRIER	LINEAR FOOT	~~1,860~~	3,167.6
639 (3)	APPROACH	EACH	~~269~~	281
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	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 (3A)	THREE PERSON SURVEY PARTY	CONTINGENT SUM	ALL REQUIRED	
642(6)	REPLACE EXISTING WITH PRIMARY MONUMENT	EACH	1	1
642 (11)	ADJUST EXISTING MONUMENT CASE DELETED BY CHANGE ORDER	EACH	~~68~~	
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 (1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED	
644 (2)	FIELD LABORATORY	LUMP SUM	ALL REQUIRED	
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED	
644 (15)	NUCLEAR TESTING EQUIPMENT STRORAGE SHED	EACH	1 All req'd	
645 (1)	TRAINING PROGRAM, 2 TRAINEES/APPRENTICES	LABOR HOUR	1,050	
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED	
660 (17)	TRAFFIC LOOP REPLACEMENTS	LUMP SUM	ALL REQUIRED	
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	
670 (8)	RECESSED PAVEMENT MARKER	EACH	~~1,330~~	1,158
690 (1)	INLET PROTECTION	EACH	~~33~~	37

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR	
202 (2)	REMOVAL OF PAVEMENT ESTIMATED AT CULVERT REPLACEMENT LOCATIONS AND BRIDGE DECKS.		
202 (3) AND 202 (9)	SIDEWALK AND CURB & GUTTER REMOVAL ESTIMATED AT CULVERT REPLACEMENT LOCATIONS AND SIDEWALK EXTENSION.		
203 (5A)	BORROW ESTIMATED FOR BACKFILL AT CULVERT REPLACEMENT LOCATIONS. 1.7 TONS/CY COMPACTED IN PLACE.		
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TONS/CY	
401 (1A)	ASPHALT CONCRETE, TYPE II; CLASS B	120 LBS/SY/IN	
401 (1B)	ASPHALT CONCRETE, TYPE III; CLASS B	120 LBS/SY/IN	
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6.0% OF ITEM 401(1A); 5.0% OF ITEM 401(1B)	
402 (1)	STE-1 ASPHALT FOR TACK COAT	0.15 GAL/SY APPLICATION ON BITUMINOUS SURFACE TREATMENT (BST)	
		0.10 GAL/SY APPLICATION ALL OTHER SURFACES	
		243 GAL/TON	
408 (1)	PAVEMENT COLD PLANING ESTIMATED FROM BOP STA. 28+50 TO STA. 107+50, BRIDGE TRANSITIONS, SPOT REPAIR, STREET APPROACHES.		
508 (1)	WATERPROOFING MEMBRANE	PAT CREEK BRIDGE #1409 = 277 SY	
		McCORMACK CREEK BRIDGE #1089 = 448 SY	
670 (1)	PAINTED TRAFFIC MARKINGS	WHITE:	140,860 FEET FOG LINE
		YELLOW:	70,430 FEET CENTERLINE
		CROSSWALKS:	7 EACH
		CENTERLINE LEFT TURN LANE:	1 EACH
		STRIPED MEDIAN:	1 EACH

Item Established by Addendum or Change Order

Item No.	Item Description	Pay Unit	Quantity
303(4)	Additional Haul Costs, CO 1	LS	All Req'd
639(4)	Approach Prep Work, CO 1	LS	All Req'd
660(17a)	J Box Type "1-A", CO 1	LS	All Req'd
603(3)21	18 Inch Corrgated Polethethylen Pipe, CO 2	LS	All Req'd
606(5)	Removing and Reconstruction Gaurdrail, CO 3	EA	515.00
606(20)	Additional Guardrail Post Length, Addendum	LS	All Req'd
408(2)	Additional Ram Processing, CO 4	EA	222.00
606(21)	11 Foot Guardrail Post, Driven, CO5	EA	60.00
642(13)	Monument Cover and Case, CO 6	Ton	4017.23
306(1)	Asphalt Treat Base (ATB), CO 7	Ton	188.81
306(2)	Asphalt Cement PG 58-28, CO 7	Ton	13848.40
629(2)	Surface Reconditioning, CO 8	LS	All Req'd
640(2)	Mobilization and Demobilization for Bridge Pre-leveling, CO 9	Ton	All Req'd
301 (1a)	Aggregate for Surface Reconditioning, CO#8	LS	All Req'd
203(5A)a	Borrow, Type A, CO #9		

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/12/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 20th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

ESTIMATE OF QUANTITIES

PATH: Q:\WRG\67425\PLANSET\67425_C1_EST.DWG
TAB: C1 Thursday, December 13, 2012 9:44:23 AM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	C1	36

AS-BUILTS

202 (4) REMOVAL OF CULVERT PIPE

PIPE #	STA.	OFFSET	18"	24"	36"	REMARKS
1	72+70	15.5' LT		~~14'~~ 17'		UNDER SIDEWALK AND INTO CATCH BASIN
2	110+09	CL		66'		
3	112+10	CL		~~75'~~ 75.2		
4	114+80	CL		62'		
5	121+26	CL		~~72'~~ 94'		
6	130+86	CL		70'		
7	137+01	CL		72'		
8	141+29	CL		~~68'~~ 69'		
9	150+27	CL		~~60'~~ 74'		
10	153+08	CL		58'		
11	154+97	CL		~~64'~~ 70'		
12	156+16	CL		~~54'~~ 69'		
13	162+55	CL		~~60'~~ 62'		
14	165+87	CL		~~66'~~ 74'		
15	172+11	CL			~~56'~~	NOT REMOVED
16	173+61	CL		~~60'~~ 70'		
17	175+48	CL		~~56'~~ 68'		
18	178+25	CL		~~56'~~ 67.5'		
19	193+33	CL		~~60'~~ 67'		
20	194+98	CL		~~60'~~ 66'		
21	197+15	CL		~~60'~~ 70'		
22	201+06	CL		~~67'~~ 80'		
23	202+22	CL		~~60'~~ 74'		
24	206+43	CL			72'	
25	250+47	CL		~~56'~~ 92'		
26	300+32	CL		54'		
27	572+97	LT APPROACH	~~40'~~ 92'			
28	595+39	CL	54'			
30	621+59	CL		54'		

603 (21) CULVERT SUMMARY

PIPE #	STA.	OFFSET	24" CPP	30" CPP	36" CPP	48"	WATERS OF THE US	REMARKS
1	72+70	15.5' LT	14					UNDER SIDEWALK AND INTO CATCH BASIN
2A	110+09	CL	36				X	HWY CROSS CULVERT TO S-1
2B	110+10	RT	30				X	FROM S-1
3	112+10	CL	75 *				X	*24" WAS INSTALL AND THEN REMOVED AND replaced with an 18"
4	114+80	CL	62					
5	121+26	CL	72					
6	130+86	CL	70				X	
7	137+01	CL	72					
8	141+29	CL	~~68~~ 69					
9	150+27	CL	~~60~~ 74					
10	153+08	CL	~~58~~ 57.9					
11	154+97	CL	~~64~~ 70					
12	156+16	CL	~~54~~ 69					
13	162+55	CL	~~60~~ 70					
14	165+87	CL	~~68~~ 74.6					
15	172+11	CL			56	DID NOT REPLACE		
16	173+61	CL	~~60~~ 70					
17	175+48	CL	~~58~~ 70					
18	178+25	CL	~~56~~ 67.5					
19	193+33	CL	~~60~~ 67					
20	194+98	CL	~~60~~ 66					
21	197+15	CL	~~60~~ 70					
22	201+06	CL	~~67~~ 80					
23	202+22	CL	~~60~~ 73.5					
24	206+43	CL			72			
25	250+47	CL	~~56~~ 92					
26	300+32	CL		~~54~~ 50			X	REPLACE EXISTING 24" CMP WITH 30" CPP
27	572+97	LT APPROACH	40					REPLACE EXISTING 18" CMP WITH 24" CPP
28	595+39	CL	~~54~~ 54				X	REPLACE EXISTING 18" CMP WITH 24" CPP
29	609+10	CL				92		SLIP LINE EXISTING 48" CMP
30	621+59	CL	~~54~~ 54					

INSTALL REPLACEMENT CULVERTS AT THE SAME INVERT ELEVATION, GRADE, SKEW ANGLE, AND ALIGNMENT AS THE EXISTING PIPE UNLESS OTHERWISE DETAILED IN THE PLANS. MATCH EXISTING PIPE LENGTH.

202(1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS

REMOVE THE WOOD POSTS WITHIN THE CLEAR ZONE (18 FEET FROM WHITE FOG LINE), APPROX 12" DIAM. POSTS, STA 338+38 RT, APPROXIMATELY 3 POSTS

202(13) STORM DRAIN CLEANING

LABEL	STA.	OFFSET	DESCRIPTION	LENGTH
CB-1	28+28	20' RT	CATCH BASIN	
SD-1	28+73	24' RT	CULVERT	78
CB-2	29+14	20' RT	CATCH BASIN	
SD-2	33+00	37' RT	CULVERT	107
CB-3	33+49	16' LT	CATCH BASIN	
SD-3	33+49	CL	CULVERT	33
CB-4	33+49	16' RT	CATCH BASIN	
SD-4	33+51	24' RT	CULVERT	16
CB-5	33+53	32' RT	REGROUT CATCH BASIN	
SD-5	33+71	32' RT	CULVERT	38
CB-6	36+04	16' RT	CATCH BASIN	
CB-7	36+04	16' LT	CATCH BASIN	
SD-6	36+04	CL	CULVERT	33
SD-7	36+04	25' LT	CULVERT	15
CB-8	38+52	16' RT	CATCH BASIN	
SD-8	38+52	20' RT	CULVERT	15
CB-9	41+93	16' LT	CATCH BASIN	
CB-10	41+94	16' RT	CATCH BASIN	
SD-9	41+94	CL	CULVERT	33
SD-10	41+94	20' RT	CULVERT	15
SD-11	41+94	20' LT	CULVERT	15
CB-11	45+20	16' RT	CATCH BASIN	
CB-12	45+21	16' LT	CATCH BASIN	
SD-12	45+20	CL	CULVERT	33
SD-13	45+21	20' LT	CULVERT	15
SD-14	48+66	20' RT	CULVERT	15
CB-13	48+66	16' RT	CATCH BASIN	
SD-15	48+68	CL	CULVERT	33
CB-14	48+71	16' LT	CATCH BASIN	
SD-16	48+71	20' LT	CULVERT	15
CB-15	50+87	16' LT	CATCH BASIN	
SD-17	50+87	20' LT	CULVERT	15
CB-16	52+03	16' RT	CATCH BASIN	
SD-18	52+03	20' RT	CULVERT	25
CB-17	54+86	16' RT	CATCH BASIN	
SD-19	54+87	20' RT	CULVERT	21
CB-18	56+52	16' RT	CATCH BASIN	
SD-20	56+58	20' RT	CULVERT	41

CLEAN STORM DRAIN PIPES TO ROW LIMITS. DO NOT CLEAN BEYOND THE ROW.

202(13) STORM DRAIN CLEANING

LABEL	STA.	OFFSET	DESCRIPTION	LENGTH
CB-19	58+43	16' RT	CATCH BASIN	
SD-21	58+42	CL	CULVERT	33
CB-20	58+41	16' LT	CATCH BASIN	
SD-22	58+41	20' LT	CULVERT	15
CB-21	63+91	16' RT	CATCH BASIN	
SD-23	63+92	CL	CULVERT	33
CB-22	63+92	16' LT	CATCH BASIN	
SD-24	63+92	20' LT	CULVERT	15
CB-23	67+50	16' RT	CATCH BASIN	
SD-25	67+50	20' RT	CULVERT	15
CB-24	68+19	16' LT	CATCH BASIN	
SD-26	68+19	20' LT	CULVERT	15
CB-25	70+89	16' RT	CATCH BASIN	
SD-27	70+89	20' RT	CULVERT	15
SD-28	70+96	CL	CULVERT	52
CB-26	72+70	14' LT	CATCH BASIN	
SD-29	72+78	CL	CULVERT	50
CB-27	72+96	28' RT	CATCH BASIN	
SD-30	73+01	33' RT	CULVERT	32
SD-31	81+84	CL	CULVERT	57
CB-28	81+89	13' RT	CATCH BASIN	
SD-32	81+89	17' RT	CULVERT	24
SD-33	84+57	17' RT	CULVERT	27
CB-29	84+57	13' RT	CATCH BASIN	
SD-34	84+58	CL	CULVERT	46
CB-30	88+72	13' RT	CATCH BASIN	
SD-35	88+72	17' RT	CULVERT	38
SD-36	90+15	CL	CULVERT	32
CB-31	90+15	13' RT	CATCH BASIN	
SD-37	90+15	17' RT	CULVERT	145
CB-32	95+02	13' RT	CATCH BASIN	
SD-38	95+20	17' RT	CULVERT	102
SD-39	106+63	CL	CULVERT	43
CB-33	106+68	13' RT	CATCH BASIN	
SD-40	106+68	17' RT	CULVERT	40
SD-41	107+18	14' RT	CULVERT	94
CB-34	107+62	14'	CATCH BASIN	

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/13/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-11-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-D7_SUMS.DWG
TAB: D1 Friday, December 07, 2012 8:38:10 AM LESTER, DARRYL (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NH-STP-0003(162)~67425	2012	D1	36

604(4) ADJUST EXISTING MANHOLE

STATION	OFFSET	REMARKS
71+72	27' RT	SANITARY SEWER
~~95+73~~	~~11' LT~~	~~AS-BUILTS INDICATE A SSMH. FIELD VERIFY.~~

604(5) INLET, TYPE A

STATION	OFFSET	REMARKS
110+10	13.5' RT	

606 (1) W-BEAM GUARDRAIL INSTALLATION

FROM	TO	OFFSET	LENGTH	REMARKS
303+94.0	304+44.0	LT	50.0	
347+99.0	375+79.0	RT	2,780.0	58
379+30.0	380+96.0	RT	~~166.0~~ 168.9	
390+97.0	437+48.0	RT	4,651.0	
489+49.0	492+~~34.0~~ 34.7	RT	~~285.0~~ 277.7	
495+88.0	499+57.0	RT	369.0	
501+08.0	504+59.0	RT	351.0	
506+73.0	510+84.0	RT	411.0	
515+75.0	521+00.0	RT	525.0	
529+20.0	535+50.0	RT	630.0	
573+94.0	574+11.0	RT	17.0	PAT CREEK
575+16.0	576+47.0	RT	131.0	PAT CREEK
573+20.0	574+11.0	LT	93.0	PAT CREEK
694+75.0	695+44.0	RT	69.0	McCORMACK CREEK
694+78.0	695+47.0	LT	69.0	McCORMACK CREEK
697+30.0	699+61.0	RT	231.0	McCORMACK CREEK
697+30.0	699+64.0	LT	234.0	McCORMACK CREEK

606 (6) REMOVING AND DISPOSING OF GUARDRAIL

FROM	TO	OFFSET	LENGTH	REMARKS
255+75.0	256+12.5	RT	37.5	INSTITUTE CREEK
255+75.0	256+12.5	LT	37.5	INSTITUTE CREEK
256+77.5	257+15.0	LT	37.5	
301+68.0	302+05.5	RT	37.5	
301+77.0	302+14.5	LT	37.5	
303+94.0	304+31.5	LT	37.5	
304+29.5	304+67.0	RT	37.5	
329+76.0	330+13.5	LT	37.5	
329+94.0	330+31.5	RT	37.5	
332+70.0	333+07.5	LT	37.5	
333+32.0	333+69.5	RT	37.5	
347+49.5	376+28.5	RT	2,879.0	
390+47.5	437+97.5	RT	4,750.0	
488+99.0	492+84.0	RT	385.0	
495+38.5	500+07.0	RT	468.5	
500+58.0	505+09.0	RT	451.0	
506+70.0	511+34.0	RT	464.0	
516+50.0	521+00.0	RT	450.0	
529+20.0	535+40.0	RT	620.0	
573+18.0	574+11.0	LT	95.0	PAT CREEK
573+62.0	573+99.5	RT	37.5	PAT CREEK
575+16.0	576+97.0	RT	181.0	PAT CREEK
575+16.0	577+81.0	LT	265.0	PAT CREEK
694+25.0	695+44.0	RT	119.0	McCORMACK CREEK
694+28.0	695+47.0	LT	119.0	McCORMACK CREEK
697+30.0	700+11.0	RT	281.0	McCORMACK CREEK
697+30.0	700+14.0	LT	284.0	McCORMACK CREEK

606 (7) RAISING EXISTING GUARDRAIL

FROM	TO	OFFSET	LENGTH	REMARKS
302+06.0	302+56.0	RT	50	
302+15.0	302+65.0	LT	50	
330+31.5	333+32.0	RT	301	

606 (13) PARALLEL GUARDRAIL TERMINAL

FROM	TO	OFFSET	LENGTH	REMARKS
255+62.5	256+12.5	RT	50.0	INSTITUTE CREEK
255+62.5	256+12.5	LT	50.0	INSTITUTE CREEK
256+77.5	257+27.5	LT	50.0	INSTITUTE CREEK
301+68.0	302+18.0	RT	50.0	
301+77.0	302+27.0	LT	50.0	
304+29.5	304+79.5	RT	50.0	
304+44.0	304+94.0	LT	50.0	
329+76.0	330+26.0	LT	50.0	
329+94.0	330+44.0	RT	50.0	
332+58.0	333+08.0	LT	50.0	
333+20.0	333+70.0	RT	50.0	
347+49.0	347+99.0	RT	50.0	
375+79.0	376+29.0	RT	50.0	
378+80.0	379+30.0	RT	50.0	
380+96.0	381+46.0	RT	50.0	
390+47.0	390+97.0	RT	50.0	
437+48.0	437+98.0	RT	50.0	
488+99.0	489+49.0	RT	50.0	
492+34.0	492+84.0	RT	50.0	
495+38.0	495+88.0	RT	50.0	
499+57.0	500+07.0	RT	50.0	
500+58.0	501+08.0	RT	50.0	
504+59.0	505+09.0	RT	50.0	
506+23.0	506+73.0	RT	50.0	
510+84.0	511+34.0	RT	50.0	
515+25.0	515+75.0	RT	50.0	
521+00.0	521+50.0	RT	50.0	
528+70.0	529+20.0	RT	50.0	
535+50.0	536+00.0	RT	50.0	
573+56.5	573+94.0	RT	37.5	PAT CREEK
576+47.0	576+97.0	RT	50.0	PAT CREEK
577+31.0	577+81.0	LT	50.0	PAT CREEK
694+25.0	694+75.0	RT	50.0	McCORMACK CREEK
694+28.0	694+78.0	LT	50.0	McCORMACK CREEK
699+61.0	700+11.0	RT	50.0	McCORMACK CREEK
699+64.0	700+14.0	LT	50.0	McCORMACK CREEK

INSTALL END TREATMENTS AT EXISTING LOCATIONS UNLESS NOTED TO EXTEND GUARDRAIL

606 (15) DOWNSTREAM END ANCHOR

STATION	OFFSET	REMARKS
573+20	27' LT	PAT CREEK

606(1) W-BEAM GUARDRAIL INSTALLATION

From	To	OFFSET	LENGTH
332+22.6	332+58	Lt	35.4

627 (10) ADJUSTMENT OF VALVE BOX

STATION	OFFSET	SERVICE	REMARKS
75+70	11.0' RT		
111+77	13.5 LT	12" MAIN	
116+37	12.7 LT	8"	
121+90	12.0 LT	FH	
125+41	12.5 LT	6"	
125+78	11.2 LT	12" MAIN	
125+88	13.2 LT	FH	
134+14	14.5 LT	8"	
137+49	14.0 LT	8"	
141+37	14.5 LT	FH	
141+39	14.0 LT	12" MAIN	
145+10	13.5 LT	8"	
151+40	14.0 LT	FH	
151+41	13.0 LT	12" MAIN	
155+38	14.5 LT	8"	
161+45	13.5 LT	FH	
165+16	13.5 LT	FH	
165+17	12.5 LT	12" MAIN	
169+92	12.5 LT	FH	
171+28	14.5 LT	4"	
174+16	13.5 LT	8"	
174+20	32.7 LT	FH	
178+68	10.0 LT	FH	
183+20	11.5 LT	FH	
183+22	10.0 LT	12" MAIN	
187+90	15.5 LT	8"	
191+06	11.7 LT	FH	
196+52	12.2 LT	8"	
196+82	11.5 LT	FH	
196+83	10.0 LT	12" MAIN	
200+39	14.0 LT	8"	
206+12	16.0 LT	8"	
208+25	15.0 LT	8"	
211+14	13.5 LT	FH	
211+16	12.0 LT	12" MAIN	
211+65	14.0 LT	8"	
216+00	14.0 LT	FH	
216+30	13.8 LT	8"	
224+06	18.5 LT	8"	

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/14/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 89th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-11-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-07_SUMS.DWG
TAB: D2 Monday, December 10, 2012 1:10:40 PM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	D2	36

AS-BUILTS

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STA.	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBED. DEPTH	SIGN FACING	REMARKS
1	AIRPORT SYMBOL	28+48	RT	I-5	30	30	6.25	2.5 PST	4'-6"	N	
2	<——	28+48	RT	D9-301	24	6	1.00	-	-	N	MOUNT BELOW SIGN #1
3	HOSPITAL SYMBOL	28+48	RT	D9-2	24	24	4.00	2.5 PST	4'-6"	N	
4	<——	28+48	RT	D9-301	24	6	1.00	-	-	N	MOUNT BELOW SIGN #3
5	SPEED LIMIT 25	29+00	LT	R2-1	30	36	7.50	2.5 PST	4-6"	S	
6	SCHOOL CROSSING	29+28	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	S	USE YELLOW BACKGROUND
7	STOP	29+46	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
8	SCHOOL CROSSING	30+38	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	S	USE YELLOW BACKGROUND
9	AIRPORT SYMBOL	33+00	LT	I-5	30	30	6.25	2.5 PST	4'-6"	S	
10	——>	33+00	LT	D9-301	24	6	1.00	-	-	S	MOUNT BELOW SIGN #9
11	HOSPITAL SYMBOL	33+00	LT	D9-2	24	24	4.00	2.5 PST	4'-6"	S	
12	——>	33+00	LT	D9-301	24	6	1.00	-	-	S	MOUNT BELOW SIGN #11
13	SPEED LIMIT 25	33+50	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
14	SPEED LIMIT 35	33+50	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	N	
15	FERRY SYMBOL	35+00	LT	I-100	30	30	6.25	2.5 PST	4'-6"	S	
16	FERRY	35+00	LT	I-103	24	12	2.00	-	-	S	MOUNT BELOW SIGN #15
17	PINE ST	34+85	LT	D3-1	36	12	3.00	2.5 PST	4'-6"	N/S	6"/ 4" C FONT
18	STOP	34+85	LT	R1-1	30	30	6.25	-	-	E	MOUNT BELOW SIGN #17
19	SCHOOL ADVANCE	36+30	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	S	USE YELLOW BACKGROUND
20	NO PARKING ANYTIME	38+10	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	S	
21	SPEED ZONE AHEAD	38+85	LT	R2-5C	30	36	7.50	2.5 PST	4'-6"	S	
22	SPRUCE ST	39+30	RT	D3-1	48	12	4.00	2.5 PST	4'-6"	N/S	6"/ 4" C FONT
23	STOP	39+30	RT	R1-1	30	30	6.25	-	-	W	MOUNT BELOW SIGN #22
24	STOP	45+58	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
25	ASH ST	52+20	LT	D3-1	36	12	3.00	2.5 PST	4'-6"	N/S	6"/ 4" C FONT
26	STOP	52+20	LT	R1-1	30	30	6.25	-	-	E	MOUNT BELOW SIGN #25
27	STOP	52+60	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
28	NO PARKING ANYTIME	55+25	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	N	
29	NO PARKING ANYTIME	55+90	LT	R7-101	12	18	1.50	2.5 PST	4'-6"	S	
30	STOP	57+20	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
31	MILE 1	63+65	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
32	MILE 1	63+65	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #31
33	NO PARKING ANYTIME	67+90	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	N	
34	STOP	68+40	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
35	STOP	69+10	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
36	STOP	71+78	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
37	CASE ST	71+78	RT	D3-1	36	12	3.00	-	-	N/S	MOUNT ABOVE SIGN #36
38	STOP	73+00	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
39	BUCKLE UP IT'S THE LAW	73+25	RT	R16-1	48	30	10.00	(2) 2.5 PST	4'-6"	N	
40	$1000 FINE FOR LITTERING	80+20	RT	R16-106	42	42	12.25	(2) 2.5 PST	4'-6"	N	
41	STOP	95+88	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
42	PICNIC AREA	97+27	RT	D7-RM-120	24	24	4.00	2.5 PST	4'-6"	N	
43	——>	97+27	RT	D9-301	24	6	1.00	-	-	N	MOUNT BELOW SIGN #42
44	STOP	101+70	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
45	STOP	104+10	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
46	NO PARKING ON PAVEMENT	105+00	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
47	OR WITHIN 8 FEET	105+00	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #46
48	NO PARKING ON PAVEMENT	109+80	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
49	SPEED LIMIT 35	111+70	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
50	SPEED LIMIT 50	114+25	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	N	
51	ADOPT A HIGHWAY	116+35	RT	I-150	30	24	5.00	2.5 PST	4'-6"	N	
52	MILE 2	116+35	RT	D10-1	10	18	1.25	-	-	N	MOUNT BELOW SIGN #51
53	MILE 2	116+35	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #52
54	SPEED ZONE AHEAD	118+90	LT	R2-5C	30	36	7.50	2.5 PST	4'-6"	S	
55	NO PARKING ON PAVEMENT	145+00	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
56	OR WITHIN 8 FEET	145+00	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #55
57	MILE 3	167+10	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
58	MILE 3	167+10	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #57
59	ADOPT A HIGHWAY LITER CONTROL	168+35	LT	I-150	30	24	5.00	2.5 PST	4'-6"	S	
60	PHILLIPS ST	173+87	LT	D3-1	48	12	4.00	2.5 PST	4'-6"	N/S	
61	STOP	173+87	LT	R1-1	30	30	6.25	-	-	E	MOUNT BELOW SIGN #60
62	NO PARKING ON PAVEMENT	207+63	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
63	OR WITHIN 8 FEET	207+63	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #62
64	SCHOOL BUS STOP	209+40	RT	S3-1	36	36	9.00	2.5 PST	4'-6"	N	USE YELLOW BACKGROUND
65	500 FEET	209+40	RT	W16-2P	36	20	5.00	-	-	N	
66	SCHOOL BUS STOP AHEAD	215+50	LT	S3-1	36	36	9.00	2.5 PST	4'-6"	S	USE YELLOW BACKGROUND
67	500 FEET	215+50	LT	W16-2P	36	20	5.00	-	-	S	MOUNT BELOW SIGN #66

THE ZIMOVIA HIGHWAY IS CONSIDERED TO BE ORIENTED IN A NORTH - SOUTH DIRECTION.

1

615 (1) STANDARD SIGNS

Post	Station	Offset	Legend	Actual W	Actual X H	Actual Area
17A	34+85.00	LT	PINE ST	3	1	3
22A	39+30.00	RT	SPRUCE ST	4	1	4
24A	45+58.00	LT	CEDAR ST	4	1	4
24B	45+58.00	LT	CEDAR ST	4	1	4
25A	52+20.00	LT	ASH ST	3	1	3
30A	57+20.00	LT	WOOD ST	3	1	3
30B	57+20.00	LT	WOOD ST	3	1	3
47A	105+00	RT	NO MORTORIZED VEHICLE ON PAVEMENT	1.5	1	1.5
51A	116+35.00	RT	WRANGELL LIONS CLUB	1	2.5	2.5
60A	173+87.00	LT	PHILLIPS ST	4	1	4
96A	277+50.00	RT	SHOEMAKER BAY LP	6.5	1	6.5
103A	309+65.00	RT	SHOEMAKER BAY LP	6.5	1	6.5
118A	395+30.00	LT	THE RAK FAMILY	2	0.75	1.5
119a	395+30.00	RT	RAIN FOREST CREATION	2	0.75	1.5

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/15/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th David Bruce Epstein CE-6866 PROFESSIONAL ENGINEER

12-11-12

DESIGNED BY: D. EPSTEIN

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-D7_SUMS.DWG
TAB: D3 Tuesday, December 11, 2012 7:57:46 AM LESTER, DARRYL (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-STP-0003(162)~67425	2012	D3	36

AS-BUILTS

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STA.	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBED. DEPTH	SIGN FACING	REMARKS
68	NO PARKING ON PAVEMENT	218+40	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
69	OR WITHIN 8 FEET	218+40	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #68
70	ADOPT A HIGHWAY LITER CONTROL	219+00	RT	I-150	30	24	5.00	2.5 PST	4'-6"	N	
71	MILE 4	219+25	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
72	MILE 4	219+25	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #70
73	NO PARKING ON PAVEMENT	224+40	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
74	OR WITHIN 8'	224+40	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #73
75	NO PARKING ON PAVEMENT	227+00	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
76	OR WITHIN 8 FEET	227+00	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #75
77	NO PARKING ANYTIME	230+35	RT	R7-101	12	18	1.50	2.5 PST	4'-6"	N	
78	CITY OF WRANGELL RV PARK NEXT RIGHT	234+25	RT	D7-2	90	36	22.50	(2) 2.5 PST	4'-6"	N	USE 6" LETTER HEIGHT
79	NO PARKING ON PAVEMENT	235+35	RT	R8-1	24	30	5.00	2.5 PST	4'-6"	N	
80	OR WITHIN 8 FEET	235+35	RT	R8-1A	24	12	2.00	-	-	N	MOUNT BELOW SIGN #79
81	TRAILER SYMBOL	238+10	RT	D9-4	24	24	4.00	2.5 PST	4'-6"	N	
82	---->	238+10	RT	D9-301	24	6	1.00	-	-	N	MOUNT BELOW SIGN #81
83	STOP	240+20	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
84	TRAILER DUMP STATION SYMBOL	248+50	RT	D9-12	24	24	4.00	2.5 PST	4'-6"	N	
85	---->	248+50	RT	D9-301	24	6	1.00	-	-	N	MOUNT BELOW SIGN #84
86	HIKER SYMBOL	249+80	RT	RL-100	24	24	4.00	2.5 PST	4'-6"	N	
87	SHELTER SYMBOL	249+80	RT	D7-RA-120	24	24	4.00	-	-	N	MOUNT BELOW SIGN #86
88	---->	249+80	RT	D9-301	24	6	1.00	-	-	N	MOUNT BELOW SIGN #87
89	SPEED LIMIT 50	256+02	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	N	
90	SPEED LIMIT 50	256+02	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
91	STOP	257+40	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
92	STOP	260+00	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	W	
93	MILE 5	266+68	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
94	MILE 5	266+68	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #93
95	SPEED LIMIT 50	268+50	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	N	
96	SHOEMAKER BAY LP	277+50	RT	D3-1	78	12	6.50	2.5 PST	4'-6"	N/S	6"/ 4" C FONT
97	STOP	277+50	RT	R1-1	30	30	6.25	-	-	W	MOUNT BELOW SIGN #96
98	FIRE TRUCK SYMBOL	286+30	RT	W11-8	36	36	9.00	2.5 PST	4'-6"	N	
99	FIRE STATION	287+85	RT	W11-8A	36	36	9.00	2.5 PST	4'-6"	N	
100	STOP	291+30	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
101	FIRE STATION	293+50	LT	W11-8A	36	36	9.00	2.5 PST	4'-6"	S	
102	FIRE TRUCK SYMBOL	297+50	LT	W11-8	36	36	9.00	2.5 PST	4'-6"	S	
103	SHOEMAKER BAY LP	309+65	RT	D3-1	78	12	6.50	2.5 PST	4'-6"	N/S	6"/ 4" C FONT
104	STOP	309+65	RT	R1-1	30	30	6.25	-	-	W	MOUNT BELOW SIGN #103
105	MILE 6	322+28	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
106	MILE 6	322+28	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #105
107	SPEED LIMIT 50	342+42	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
108	FALLEN ROCKS	343+62	RT	W8-14	36	36	9.00	2.5 PST	4'-6"	N	
109	SPEED LIMIT 45	347+35	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	N	
110	ADOPT A HIGHWAY LITER CONTROL	347+50	RT	I-150	30	24	5.00	2.5 PST	4'-6"	N	
111	CURVE ARROW SYMBOL	352+60	RT	W1-2R	36	36	9.00	2.5 PST	4'-6"	N	
112	35 MPH	352+60	RT	W13-1	24	24	4.00	-	-	N	MOUNT BELOW SIGN #111
113	CURVE ARROW SYMBOL	361+20	LT	W1-2L	36	36	9.00	2.5 PST	4'-6"	S	
114	35 MPH	361+20	LT	W13-1	24	24	4.00	-	-	S	MOUNT BELOW SIGN #113
115	MILE 7	374+40	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
116	MILE 7	374+40	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #115
117	FALLEN ROCKS	379+90	LT	W8-14	36	36	9.00	2.5 PST	4'-6"	S	
118	ADOPT A HIGHWAY LITTER CONTROL	395+20	LT	I-150	30	24	5.00	2.5 PST	4'-6"	S	
119	ADOPT A HIGHWAY LITTER CONTROL	395+20	RT	I-150	30	24	5.00	2.5 PST	4'-6"	S	
120	FALLEN ROCKS	403+60	RT	W8-14	36	36	9.00	2.5 PST	4'-6"	N	
121	MILE 8	425+86	RT	D10-1	14	18	1.75	2.5 PST	4'-6"	N	
122	MILE 8	425+86	RT	D10-1	14	18	1.75	-	-	S	MOUNT BEHIND SIGN #121
123	ADOPT A HIGHWAY LITTER CONTROL	443+20	RT	I-150	30	24	5.00	2.5 PST	4'-6"	N	
124	MILE 9	475+60	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	N	
125	MILE 9	475+60	RT	D10-1	10	18	1.25	-	-	S	MOUNT BEHIND SIGN #124
126	45 MPH	501+75	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
127	CURVE SYMBOL	507+55	RT	W1-2R	36	36	9.00	2.5 PST	4'-6"	N	
128	35 MPH	507+55	RT	W13-1	24	24	4.00	-	-	N	MOUNT BELOW SIGN #127
129	CURVE SYMBOL	514+65	LT	W1-2L	36	36	9.00	2.5 PST	4'-6"	S	
130	35 MPH	514+65	LT	W13-1	24	24	4.00	-	-	S	MOUNT BELOW SIGN #129
131	MILE 10	525+77	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	N	
132	MILE 10	525+77	RT	D10-2	10	27	1.88	-	-	S	MOUNT BEHIND SIGN #131
133	WINDING ROAD SYMBOL	528+30	RT	W1-5L	36	36	9.00	2.5 PST	4'-6"	N	
134	35 MPH	528+30	RT	W13-1	24	24	4.00	-	-	N	MOUNT BELOW SIGN #133

THE ZIMOVIA HIGHWAY IS CONSIDERED TO BE ORIENTED IN A NORTH - SOUTH DIRECTION.

① SEE SHEET D3 FOR ADDITIONAL SIGNS ADDED

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA # 49th David Bruce Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER

12.11.12

DESIGNED BY: D. EPSTEIN

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-D7_SUMS.DWG
TAB: D4 Tuesday, December 11, 2012 8:03:31 AM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	D4	36

AS-BUILTS

AS-BUILTS

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STA.	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBED. DEPTH	SIGN FACING	REMARKS
135	WINDING ROAD SYMBOL	558+35	LT	W1-5R	36	36	9.00	2.5 PST	4'-6"	S	
136	35 MPH	558+35	LT	W13-1	24	24	4.00	-	-	S	MOUNT BELOW SIGN #135
137	SPEED LIMIT 45	560+90	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
138	STOP	562+00	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	E	
139	DO NOT PASS	571+20	RT	R4-1	30	36	7.50	2.5 PST	4'-6"	N	
140	NO PASSING ZONE	571+25	RT	W14-3	40	36	10.00	2.5 PST	4'-6"	S	
141	MILE 11	572+75	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	N	
142	MILE 11	572+75	RT	D10-2	10	27	1.88	-	-	S	MOUNT BEHIND SIGN #141
143	PAT CREEK	573+75	RT	I-3	54	36	13.50	2.5 PST	4'-6"	N	8"/ 6" 5W FONT
144	OBJECT MARKER	574+00	RT	OM-3R	12	36	3.00	2.5 PST	4'-6"	N	
145	OBJECT MARKER	574+00	LT	OM-3L	12	36	3.00	2.5 PST	4'-6"	S	
146	OBJECT MARKER	575+20	RT	OM-3R	12	36	3.00	2.5 PST	4'-6"	N	
147	PAT CREEK	575+50	LT	I-3	54	36	13.50	2.5 PST	4'-6"	S	8"/ 6" 5W FONT
148	OBJECT MARKER	575+20	LT	OM-3L	12	36	3.00	2.5 PST	4'-6"	S	
149	SPEED LIMIT 45	576+20	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	N	
150	WINDING ROAD SYMBOL	583+93	LT	W1-5R	36	36	9.00	2.5 PST	4'-6"	S	
151	25 MPH	583+93	LT	W13-1	24	24	4.00	-	-	S	MOUNT BELOW SIGN #150
152	MILE 12	625+30	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	N	
153	MILE 12	625+30	RT	D10-2	10	27	1.88	-	-	S	MOUNT BEHIND SIGN #152
154	SPEED LIMIT 45	640+09	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
155	SHARP CURVE SYMBOL	675+10	RT	W1-2L	36	36	9.00	2.5 PST	4'-6"	N	
156	35 MPH	675+10	RT	W13-1	24	24	4.00	-	-	N	MOUNT BELOW SIGN #155
157	MILE 13	678+35	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	N	
158	MILE 13	678+35	RT	D10-2	10	27	1.88	-	-	S	MOUNT BEHIND SIGN #157
159	PASS WITH CARE	679+37	LT	R4-2	30	36	7.50	2.5 PST	4'-6"	S	
160	SCHOOL BUS TURN AROUND	682+00	RT	S3-1	36	36	9.00	2.5 PST	4'-6"	N	USE YELLOW BACKGROUND
161	500 FEET	682+00	RT	W16-2P	36	20	5.00	-	-	N	MOUNT BELOW SIGN #160
162	SCHOOL BUS TURN AROUND	686+75	RT	S3-1	36	36	9.00	2.5 PST	4'-6"	N	USE YELLOW BACKGROUND
163	NO PARKING ANYTIME	686+75	RT	R7-101	12	18	1.50	-	-	N	MOUNT BELOW SIGN #162
164	SCHOOL BUS TURN AROUND	688+15	LT	S3-1	36	36	9.00	2.5 PST	4'-6"	S	USE YELLOW BACKGROUND
165	NO PARKING ANYTIME	688+15	LT	R7-101	12	18	1.50	-	-	S	MOUNT BELOW SIGN #164
166	CURVE SYMBOL	690+60	RT	W1-2R	36	36	9.00	2.5 PST	4'-6"	N	
167	STATE MAINTENANCE ENDS	691+80	RT	I-181	30	18	3.75	2.5 PST	4'-6"	N	
168	SPEED LIMIT 45	690+94	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	S	
169	NO PASSING ZONE	693+05	LT	W14-3	40	36	10.00	2.5 PST	4'-6"	N	
170	SCHOOL BUS TURN AROUND	693+55	LT	S3-1	36	36	9.00	2.5 PST	4'-6"	S	USE YELLOW BACKGROUND
171	500 FEET	693+55	LT	W16-2P	36	20	5.00	-	-	S	MOUNT BELOW SIGN #170
172	DO NOT PASS	693+91	RT	R4-1	30	36	7.50	2.5 PST	4'-6"	N	
173	McCORMACK CREEK	695+20	RT	D1-2	90	36	~~22.50~~ 18.00	(2) 2.5 PST	4'-6"	N	8"/ 6" 5W FONT
174	OBJECT MARKER	695+70	RT	OM-3R	12	36	3.00	2.5 PST	4'-6"	N	
175	OBJECT MARKER	695+70	LT	OM-3L	12	36	3.00	2.5 PST	4'-6"	S	
176	OBJECT MARKER	697+00	RT	OM-3R	12	36	3.00	2.5 PST	4'-6"	N	
177	OBJECT MARKER	697+00	LT	OM-3L	12	36	3.00	2.5 PST	4'-6"	S	
178	McCORMACK CREEK	697+50	LT	D1-2	90	36	~~22.50~~ 18.00	(2) 2.5 PST	4'-6"	S	8"/ 6" 5W FONT
179	DO NOT PASS	700+00	LT	R4-1	30	36	7.50	2.5 PST	4'-6"	S	
180	NEMO POINT RECREATIONAL AREA W/ ARROW	711+05	RT	D7-2	102	36	25.50	(2) 2.5 PST	4'-6"	N	
181	PICNIC TABLE SYMBOL	711+05	RT	D7-RM-120	24	24	4.00	-	-	N	MOUNT BELOW SIGN #180
182	CAMPING TRAILER SYMBOL	711+05	RT	D7-RM-020	24	24	4.00	-	-	N	MOUNT BELOW SIGN #181
183	STEEP GRADE SYMBOL WITH 10%	713+70	LT	W7-1A	36	36	9.00	2.5 PST	4'-6"	S	
184	DO NOT PASS	714+50	LT	R4-1	30	36	7.50	2.5 PST	4'-6"	S	
185	NO PASSING ZONE	714+50	RT	W14-3	40	36	10.00	2.5 PST	4'-6"	N	
186	NEMO POINT RECREATIONAL AREA W/ ARROW	717+70	LT	D7-2	102	36	25.50	(2) 2.5 PST	4'-6"	S	
187	PICNIC TABLE SYMBOL	717+70	LT	D7-RM-120	24	24	4.00	-	-	S	MOUNT BELOW SIGN #186
188	CAMPING TRAILER SYMBOL	717+70	LT	D7-RM-020	24	24	4.00	-	-	S	MOUNT BELOW SIGN #187
189	NO PASSING ZONE	717+70	LT	W14-3	40	36	10.00	-	-	N	MOUNT BEHIND SIGN #188
190	DO NOT PASS	718+20	RT	R4-1	30	36	7.50	2.5 PST	4'-6"	N	
191	ROAD NARROWS	718+40	RT	W5-1	36	36	9.00	2.5 PST	4'-6"	N	
192	1500 FEET	718+40	RT	W16-2P	36	20	5.00	-	-	N	MOUNT BELOW SIGN #191
193	TONGASS NATIONAL FOREST	725+60	RT	CUSTOM	24	24	4.00	2.5 PST	4'-6"	N	
194	TONGASS NATIONAL FOREST	725+60	LT	CUSTOM	24	24	4.00	2.5 PST	4'-6"	S	
195	ROAD NARROWS	727+30	RT	W5-1	36	36	9.00	2.5 PST	4'-6"	N	
196	500 FEET	727+30	RT	W16-2P	36	20	5.00	-	-	N	MOUNT BELOW SIGN #195
197	MILE 14	731+15	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	N	
198	MILE 14	731+15	RT	D10-2	10	27	1.88	-	-	S	MOUNT BEHIND SIGN #197
199	PAVEMENT ENDS	731+65	RT	W8-3	36	36	9.00	2.5 PST	4'-6"	N	
200	ONE LANE ROAD WITH TURNOUTS PLEASE DRIVE CAREFULLY	732+60	RT	CUSTOM "W"	72	48	24.00	(2) 2.5 PST	4'-6"	N	USE 6" LETTER HEIGHT WITH YELLOW BACKGROUND

THE ZIMOVIA HIGHWAY IS CONSIDERED TO BE ORIENTED IN A NORTH - SOUTH DIRECTION.

① SEE SHEET D3 FOR ADDITIONAL SIGNS ADDED

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/12/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49th David Bruce Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER

12-11-12

DESIGNED BY: D. EPSTEIN

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-D7_SUMS.DWG
TAB: D5 Tuesday, December 11, 2012 8:05:27 AM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	D5	36

639 (3) APPROACH SUMMARY

STATION	OFFSET	REMARKS
79+25	LT	
88+41	LT	
91+25	LT	PIT
96+12	LT	
101+82	LT	
104+32	LT	
106+18	LT	
107+02	LT	
107+90	RT	
109+70	LT	
111+20	LT	
112+85	LT	
114+58	LT	
116+55	LT	
117+00	RT	PAVE SEPARATION STRIP TO PATH, ~150' LENGTH
126+13	LT	
127+50	RT	PAVE SEPARATION STRIP TO PATH, ~70' LENGTH
128+90	RT	PAVE SEPARATION STRIP TO PATH, ~30' LENGTH
129+17	LT	
134+38	LT	
134+85	LT	
136+62	LT	
138+27	LT	
139+50	LT	
141+05	LT	
141+60	LT	
143+85	LT	
144+60	LT	
145+10	LT	
147+20	LT	
148+35	LT	
149+05	LT	
149+48	LT	
151+15	LT	
152+17	LT	
152+70	LT	
154+40	LT	
155+20	LT	
155+70	LT	
158+66	LT	
159+24	LT	
161+65	LT	
163+65	LT	
165+38	LT	
166+36	LT	
167+40	LT	
168+00	RT	PAVE SEPARATION STRIP TO PATH, ~125' LENGTH
169+05	LT	
170+05	LT	
171+60	LT	
171+80	LT	
175+65	LT	
177+18	LT	
177+71	LT	
178+58	LT	
183+17	LT	
185+44	LT	
186+95	LT	
187+94	LT	
188+80	LT	
190+45	LT	
191+24	LT	
193+54	LT	
197+50	LT	
200+60	LT	
205+96	LT	
208+35	LT	

639 (3) APPROACH SUMMARY

STATION	OFFSET	REMARKS
209+15	LT	
211+85	LT	
215+15	LT	
216+20	LT	
217+75	LT	
219+20	LT	
220+30	LT	
221+24	LT	
222+56	LT	
222+85	LT	
223+40	LT	
223+92	LT	
224+60	LT	
225+00	LT	
226+70	LT	
230+90	LT	
231+80	LT	
232+15	RT	
232+46	LT	
233+90	LT	
234+64	LT	
235+35	LT	
236+10	LT	
238+35	LT	
239+70	RT	
246+45	LT	
251+78	RT	
253+74	RT	
257+25	RT	
260+25	RT	
260+40	LT	
263+72	LT	
267+50	RT	PAVE SEPARATION STRIP TO PATH, ~155' LENGTH
271+85	RT	
275+50	RT	
280+55	RT	
283+69	LT	
283+74	RT	
284+55	LT	
285+36	RT	
285+78	LT	
287+10	RT	
288+43	RT	
288+53	LT	
288+80	RT	
289+90	RT	
290+40	LT	
291+44	RT	FIRE STATION, ~ 70'
291+50	LT	
292+35	LT	
292+50	RT	
294+45	LT	
295+20	LT	
295+32	RT	
295+85	LT	
296+05	RT	
297+80	LT	
298+05	RT	
298+95	LT	
299+80	LT	
300+05	RT	
301+50	RT	
301+55	LT	
305+24	LT	
309+20	LT	
310+35	RT	
310+40	LT	

639 (3) APPROACH SUMMARY

STATION	OFFSET	REMARKS
311+66	RT	
313+70	LT	
314+90	LT	
315+74	LT	
316+25	RT	
316+30	LT	
319+75	LT	
321+44	RT	
322+60	LT	
323+60	LT	
324+00	RT	
324+85	LT	
329+50	LT	
329+66	RT	
333+90	RT	
336+05	RT	
337+55	RT	
338+75	LT	
338+80	RT	
346+27	RT	
377+25	RT	
378+60	RT	
380+20	LT	
381+70	RT	
382+10	LT	
383+96	RT	
385+30	LT	
386+15	LT	
386+50	RT	
387+50	RT	
388+60	RT	
391+65	LT	
446+50	LT	
450+55	LT	
454+40	LT	
457+75	LT	
458+55	RT	
461+20	RT	
462+20	LT	
462+70	LT	
463+22	RT	
465+25	RT	
465+75	LT	
468+30	LT	
473+54	LT	
475+80	LT	
476+00	RT	
477+35	LT	
477+44	RT	
478+05	RT	
479+30	RT	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. Date 7/24/18

CHECKED BY: P. CARROLL

STATE OF ALASKA 29th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-11-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-D7_SUMS.DWG
TAB: D6 Tuesday, December 11, 2012 7:48:18 AM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	D6	36

AS-BUILTS

642(13) NEW MONUMENT CASE - Added by Change Order #1

Deleted by change order #1

~~642(11) ADJ EXISTING MONUMENT CASE~~

STATION	OFFSET	REMARKS
~~130+27~~	~~15.3 RT~~	MISSING - NOT ADJ
~~161+77~~	~~14.5 LT~~	MISSING - ~~DRIVEWAY~~ NOT ADJ
~~189+62~~	~~12.8 LT~~	MISSING - NOT ADJ
~~195+54~~	~~15.4 RT~~	MISSING - NOT ADJ
349+13	CL	PT
350+31	CL	PC
354+03	CL	PT
355+39	CL	PC
358+44	CL	PT
359+90	CL	PC
360+57	CL	PT
361+55	CL	PC
363+43	CL	PT
364+58	CL	PC
365+82	CL	PT
366+13	CL	PC
367+79	CL	PT
367+95	CL	PC
374+63	CL	PT
376+56	CL	PC
380+32	CL	PT
388+79	CL	PC
394+26	CL	PT
401+68	CL	PC
405+16	CL	PT
~~409+77~~	~~CL~~	MISSING - NOT ADJ PC
~~412+41~~	~~CL~~	MISSING - NOT ADJ PT
414+56	CL	PC
416+67	CL	PT
417+24	CL	PC
419+63	CL	PT
427+15	CL	PC
432+70	CL	PT
439+86	CL	PC
447+31	CL	PT
451+92	CL	PC
455+12	CL	PT
458+95	CL	PC
462+17	CL	PT
464+45	CL	PC
471+33	CL	PT
482+62	CL	PC
485+14	CL	PT
489+58	CL	PC
491+13	CL	PT
498+41	CL	PC
500+84	CL	PT
508+48	CL	PC
512+91	CL	PT
516+90	CL	PC
519+87	CL	PT
524+15	CL	PC
526+16	CL	PT
529+21	CL	PC
533+15	CL	PT
534+46	CL	PC
536+31	CL	PT
~~536+99~~	~~CL~~	MISSING - NOT ADJ PC
542+02	CL	PT
544+04	CL	PC
548+36	CL	PT
552+54	CL	PC
555+86	CL	PT
559+81	CL	PC
563+95	CL	PT
565+99	CL	PC
~~571+63~~	~~CL~~	MISSING - NOT ADJ PT
~~694+51~~	~~5' RT~~	VERIFY THIS IS IN THE ROADWAY - MISSING.
71+90	NOT shown on plans	

Total 60

639 (3) APPROACH SUMMARY

STATION	OFFSET	REMARKS
480+76	RT	
480+85	LT	
483+75	RT	
485+25	LT	
487+15	RT	
488+52	LT	
488+56	RT	
493+30	LT	
493+50	RT	
494+70	LT	
495+10	RT	
523+10	LT	
500+45	RT	
563+30	LT	
572+96	LT	
583+73	LT	
585+45	RT	
585+70	LT	
588+90	RT	
589+70	LT	
589+73	RT	
591+30	LT	
591+85	RT	
594+77	RT	
594+79	LT	
597+97	RT	
598+40	LT	
601+30	LT	
603+15	RT	
603+25	LT	
606+30	RT	
607+15	RT	
608+30	LT	
610+16	RT	
611+50	RT	
611+80	RT	
613+20	LT	
613+85	RT	
614+95	LT	
615+80	RT	
616+77	RT	
619+75	RT	
620+63	LT	
622+44	RT	
622+80	LT	
625+70	RT	
626+50	RT	
627+15	RT	
628+50	LT	
631+33	LT	
633+25	LT	
633+26	RT	
635+33	LT	
637+11	RT	
638+70	RT	
641+35	RT	
644+00	LT	
644+02	RT	
645+00	LT	
647+20	LT	
647+35	RT	
648+70	RT	
651+25	RT	
652+00	LT	
652+02	RT	
655+35	LT	
657+30	RT	

639 (3) APPROACH SUMMARY

STATION	OFFSET	REMARKS
659+11	RT	
659+42	LT	
662+92	RT	
667+85	RT	
668+25	RT	
668+25	LT	
670+91	RT	
676+31	RT	
677+63	RT	
678+68	RT	
680+72	RT	
682+92	LT	
684+60	RT	
691+80	LT	
692+31	RT	
701+10	LT	
727+04	LT	

SEE ADDITIONAL APPROACHES BELOW (1)

642(6) REPLACE EXISTING WITH PRIMARY MON

STATION	OFFSET	REMARKS
71+90	CL	

(1) ADDITIONAL APPROACHES

639 (3) APPROACH SUMMARY

Station	Offset	Remarks
257+40	LT	
275+00	RT	
385+19	LT	
391+65	LT	
493+00	LT	
500+45	RT	
562+20	RT	
572+96	LT	
674+25	RT	

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 5/13/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 99th DARRYL G. LESTER CE-11514 PROFESSIONAL ENGINEER

12-11-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

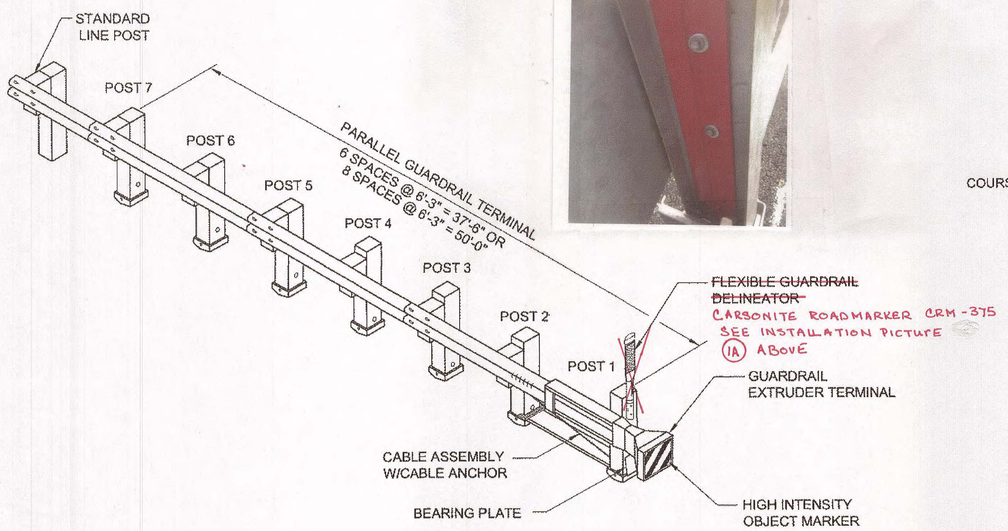
WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

SUMMARIES

PATH: Q:\WRG\67425\PLANSET\67425_D1-D7_SUMS.DWG
TAB: D7 Tuesday, December 11, 2012 7:52:15 AM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	D7	36

AS-BUILTS

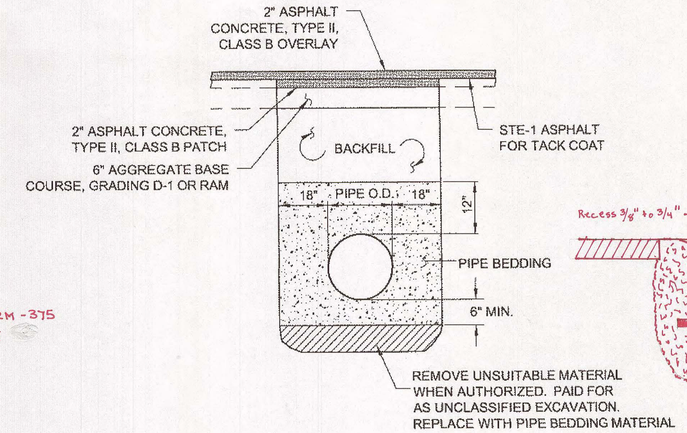


PARALLEL GUARDRAIL TERMINAL

NTS

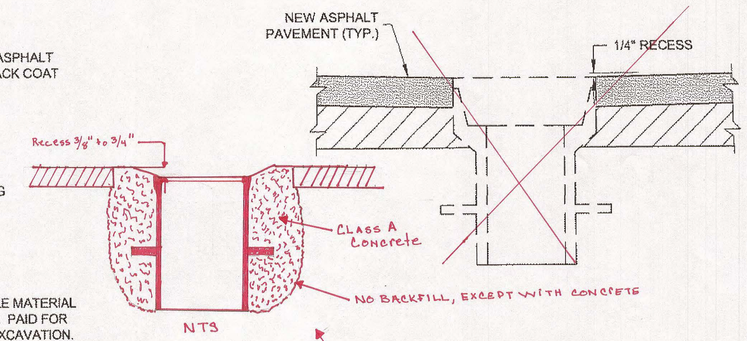
PARALLEL GUARDRAIL TERMINAL:

1. THE TERMINAL DETAILS SHOWN ARE FOR ILLUSTRATION ONLY. INSTALL TERMINAL SECTIONS ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
2. SEE STD DWG. G-20.11 WIDENING FOR GUARDRAIL END TERMINAL. CONSTRUCT TERMINAL WITH 25:1 TAPER FROM NORMAL GUARDRAIL FACE.
3. 25 FOOT TRANSITION LENGTH FROM 29 INCH STANDARD GUARDRAIL HEIGHT TO MANUFACTURER'S RECOMMENDED INSTALLATION HEIGHT FOR END TERMINAL.



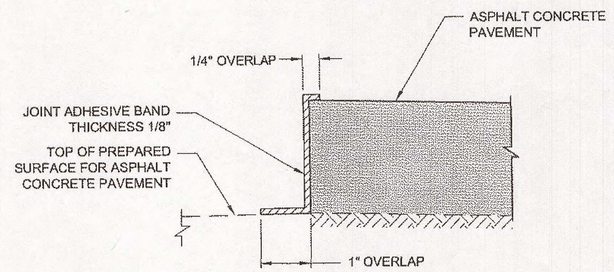
CULVERT BEDDING/BACKFILL DETAIL

NTS



VALVE BOX/MONUMENT CASE ADJUSTMENT DETAIL

NTS

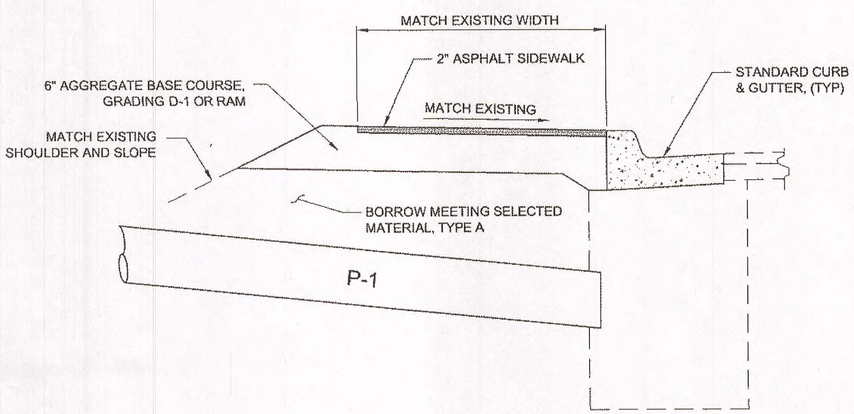


JOINT ADHESIVE APPLICATION DETAIL

NTS

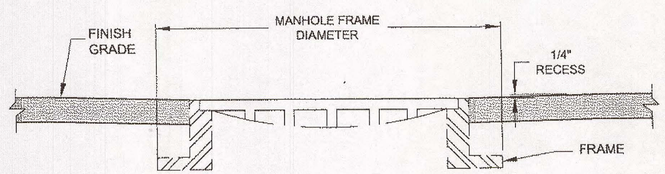
NOTES:

1. COMPLY WITH MANUFACTURERS APPLICATION INSTRUCTIONS.
2. APPLY JOINT ADHESIVE TO COMPLETELY COVER JOINT AS SHOWN.
3. DO NOT PAVE UNTIL JOINT ADHESIVE HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER IN WRITING.



P-1 SIDEWALK / CURB AND GUTTER DETAIL

STA. 72+70 LT
NTS



MANHOLE ADJUSTMENT DETAIL

NTS

MANHOLE ADJUSTMENT NOTES:

1. ADJUSTING RINGS SHALL BE REPLACED AS DETERMINED BY THE ENGINEER BASED ON THEIR CONDITION.
2. ADJUSTING RINGS SHALL BE PROPERLY SIZED FOR THE EXISTING CONE OR FLAT TOP OPENING, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. MANHOLE CASTING SHALL BE ADJUSTED TO CONFORM WITH SLOPE AND GRADE OF PROPOSED PAVEMENT.
4. INSTALLATION OF FRAME, COVER, AND ADJUSTMENT RINGS, ONTO THE EXISTING STRUCTURE SHALL BE WATER-TIGHT.

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng [signature] Date 3/12/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER
9-14-12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

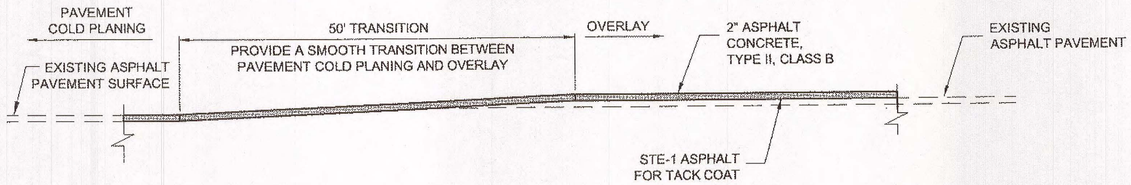
WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

MISCELLANEOUS DETAILS

PATH: Q:\WRG\67425\PLANSET\67425_E1-E4_DETLS.DWG
TAB: E1 Friday, September 14, 2012 10:51:28 AM GRANTHAM, RICK L (DOT)

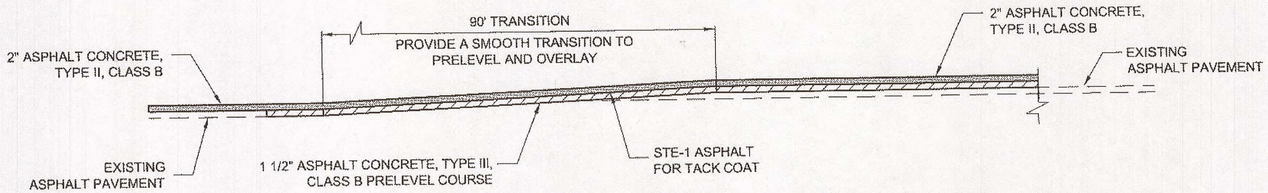
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	E1	36

AS-BUILTS



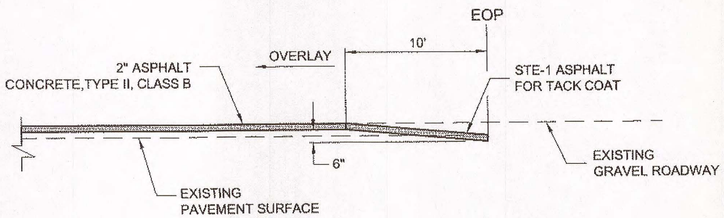
PAVEMENT TRANSITION DETAIL

NTS



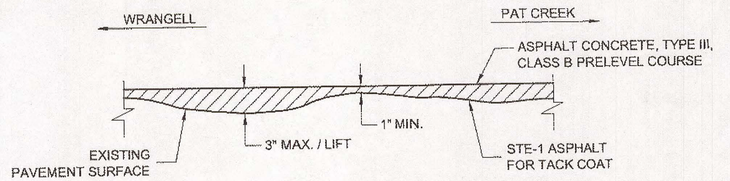
PRELEVEL TRANSITION DETAIL

NTS



PAVEMENT TO GRAVEL DETAIL

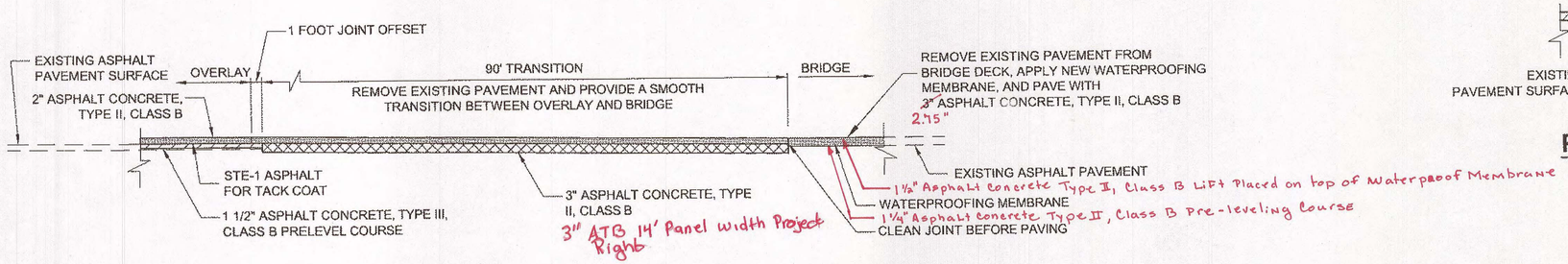
NTS



PRELEVEL COURSE PROFILE VIEW

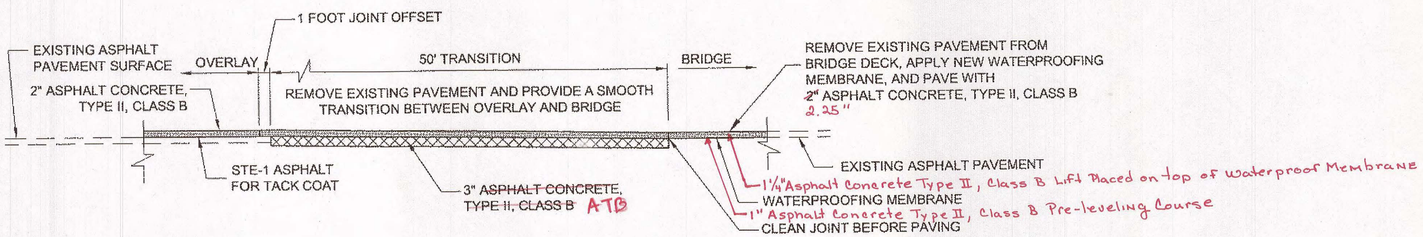
THE PRELEVEL COURSE IS ESTIMATED AT 1 1/2 INCHES AVERAGE THICKNESS FOR QUANTITY ESTIMATION.

NTS



PAT CREEK BRIDGE TRANSITION DETAIL

NTS



McCORMACK CREEK BRIDGE TRANSITION DETAIL

NTS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/12/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 12-12-12 29th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

PATH: Q:\WRG\67425\PLANSET\67425_E1-E4_ DETLS.DWG

TAB: E2 Wednesday, December 12, 2012 4:09:29 PM LESTER, DARRYL (DOT)

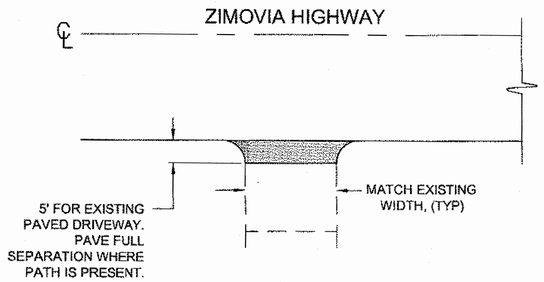
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

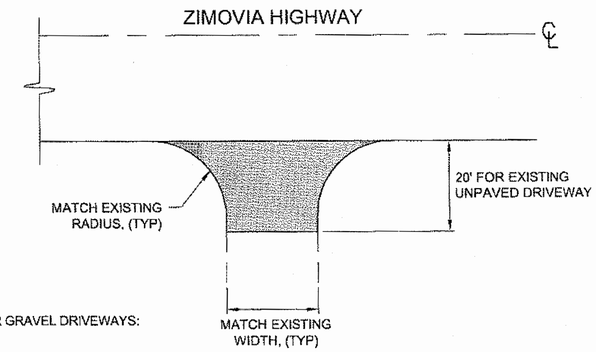
WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

MISCELLANEOUS DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NH-STP-0003(162)~67425	2012	E2	36





NOTES:

USE THE FOLLOWING PAVED APRON WIDTHS FOR GRAVEL DRIVEWAYS:

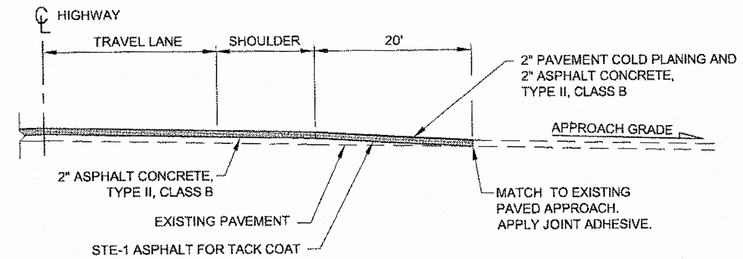
RESIDENTIAL: 14 FEET MIN.
20 FEET MAX.

COMMERCIAL: 24 FEET MIN.
34 FEET MAX.

MATCH EXISTING WIDTH WHEN LESS THAN THESE DIMENSION.

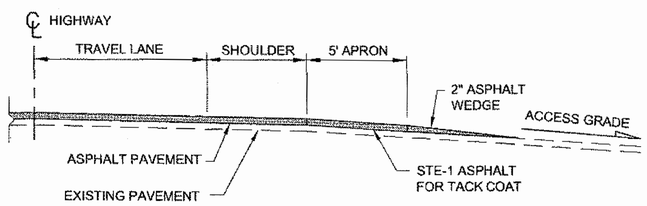
DRIVEWAY APRON DETAIL

NTS



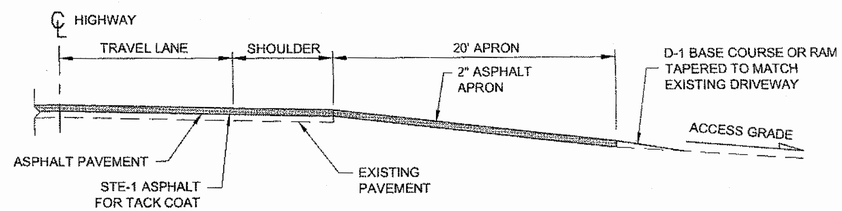
TYPICAL STREET APPROACH PROFILE FROM OVERLAY

NTS



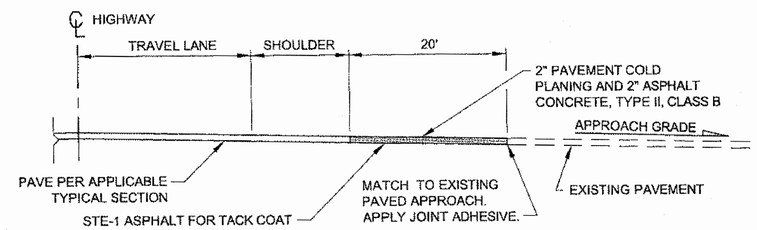
PAVED DRIVEWAY APRON

NTS



UNPAVED DRIVEWAY APRON

NTS

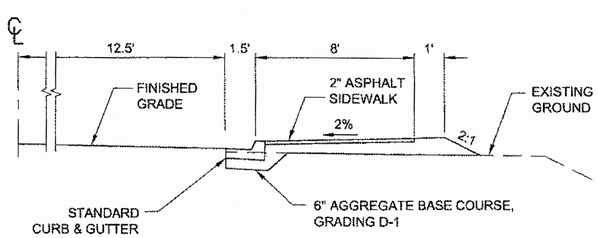


TYPICAL STREET APPROACH PROFILE FROM PAVEMENT COLD PLANING

NTS

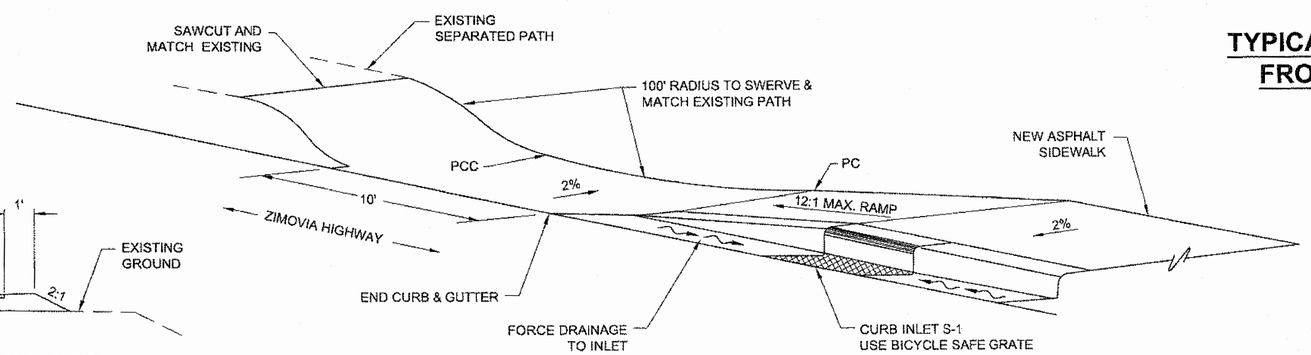
NOTE:

NO APRON WILL BE CONSTRUCTED AT THE BENNET STREET INTERSECTION. THE EDGE OF COLD PLANING WILL BE THE PROJECTED GUTTER FACE ALONG THE ZIMOVIA HIGHWAY.



ASPHALT SIDEWALK TYPICAL

APPROXIMATE STA. 107+90 TO STA. 110+18
NTS



ASPHALT SIDEWALK EXTENSION

APPROXIMATE STA. 110+00 TO STA. 110+82
NTS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. _____ Date 3/13/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 29th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-12-12

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

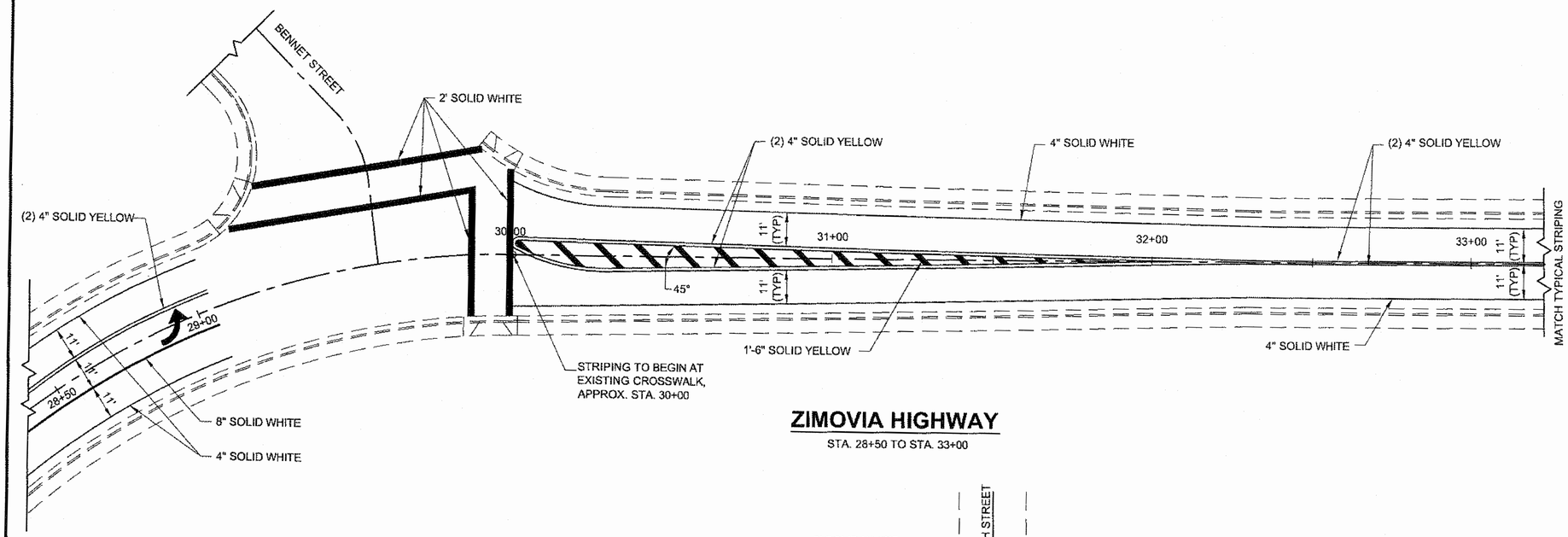
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

MISCELLANEOUS DETAILS

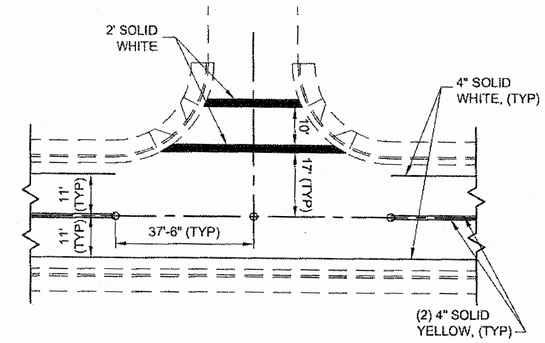
PATH: Q:\WRG\67425\PLANSET\67425_E1-E4_ DETLS.DWG
TAB: E3 Wednesday, December 12, 2012 4:26:05 PM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	E3	36



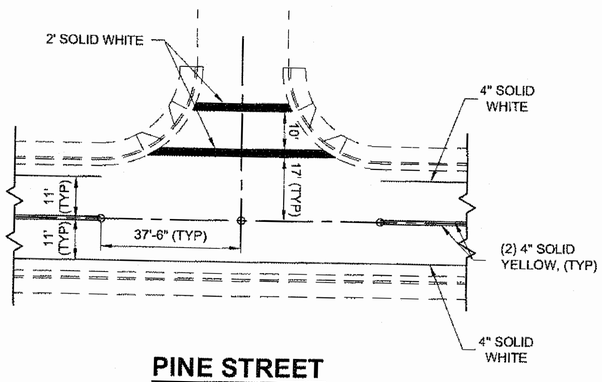
ZIMOVIA HIGHWAY

STA. 28+50 TO STA. 33+00



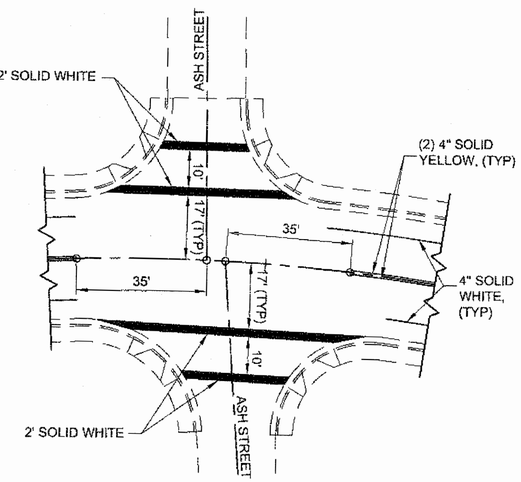
TYPICAL URBAN INTERSECTION

STA. 28+50 TO STA. 73+00



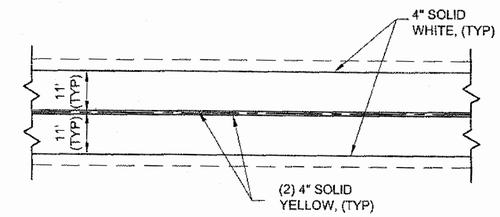
PINE STREET

STA. 35+00



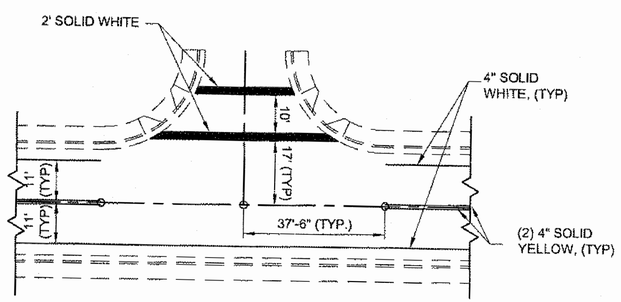
ASH STREET

STA. 52+40



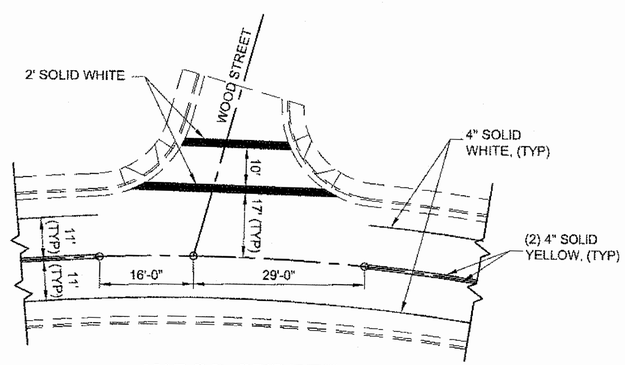
TYPICAL HIGHWAY STRIPING

BOP (28+50) TO EOP (732+80)



CEDAR STREET

STA. 45+80



WOOD STREET

STA. 57+30

STRIPING NOTES:

1. STATIONS SHOWN ARE APPROXIMATE. ONLY. CONTRACTOR SHALL MAKE ALL REFERENCES NECESSARY TO REPLACE EXISTING LAYOUT. FINAL LAYOUT SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
2. THE CONTRACTOR SHALL REFERENCE AND STAKE THE LOCATIONS OF PASSING ZONES PER SUBSECTION 670-3.05 OF THE STANDARD SPECIFICATIONS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng [signature] Date 3/12/13

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-12-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

TRAFFIC MARKINGS

PATH: Q:\WRG\67425\PLANSET\67425_E1-E4_ DETLS.DWG
TAB: E4 Wednesday, December 12, 2012 4:28:13 PM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	E4	36

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

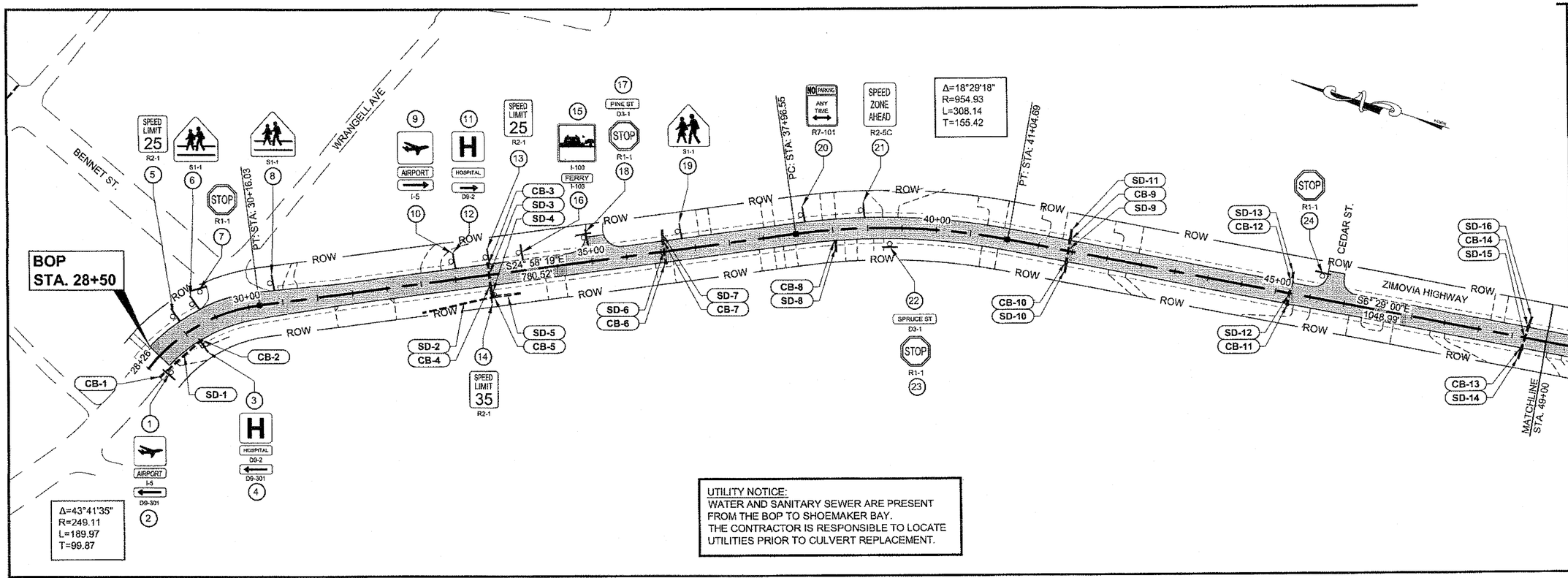
GRANTHAM, RICK L (DOT)
TAB: F1 Friday, December 14, 2012 7:45:40 AM

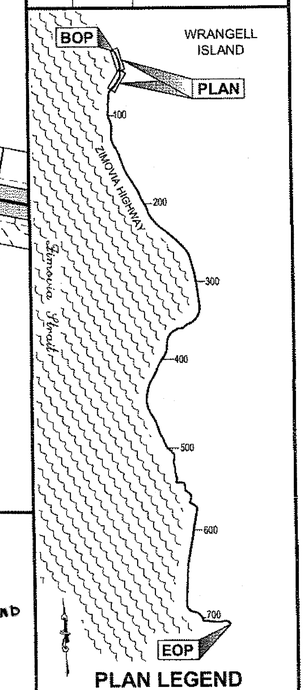
ADDENDUM NUMBER

ATTACHMENT NUMBER

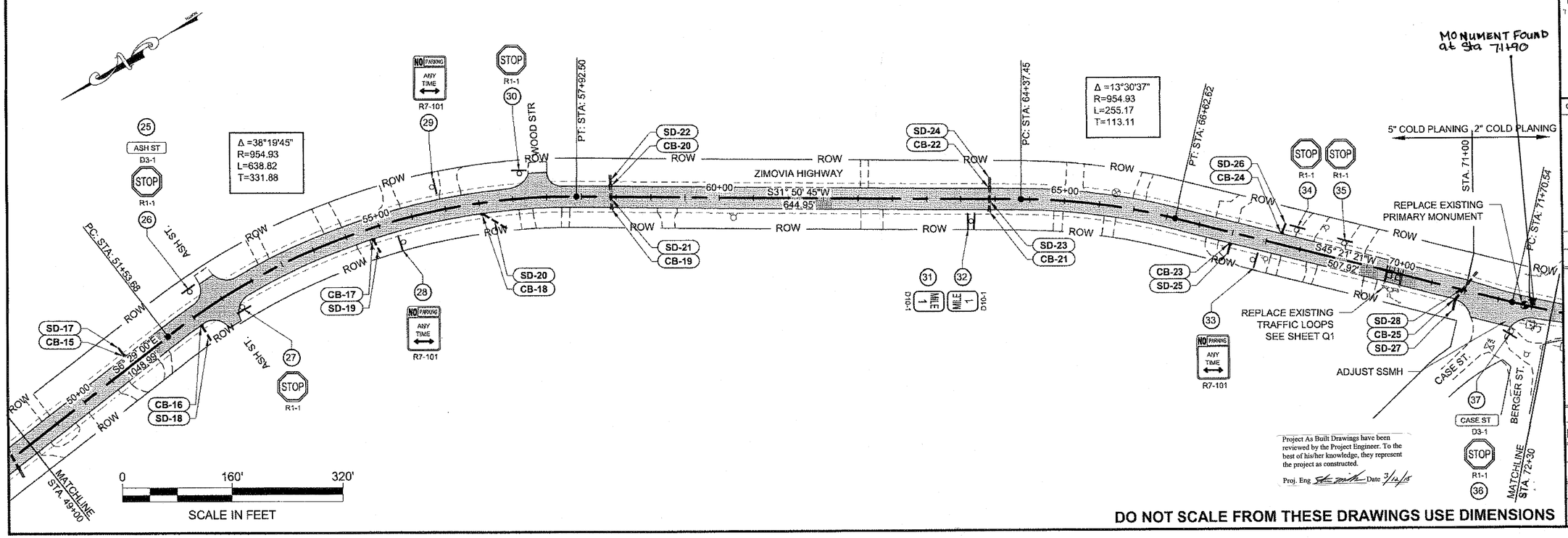
RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND



Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng Date 3/14/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARYL C. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-14-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION

NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F1	36

AS-BUILTS

UTILITY NOTICE:
WATER AND SANITARY SEWER ARE PRESENT FROM THE BOP TO SHOEMAKER BAY.
THE CONTRACTOR IS RESPONSIBLE TO LOCATE UTILITIES PRIOR TO CULVERT REPLACEMENT.

Δ =19°24'23"
R=1236.47
L=418.80
T=211.43

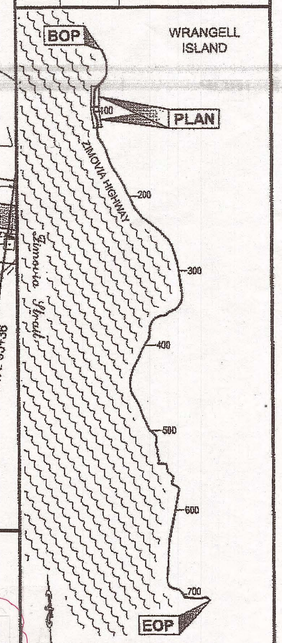
PC: STA: 71+70.54
MATCHLINE STA. 72+30
P-1
CB-26
SD-29
CB-27
SD-30
STOP R1-1
38
39
BUCKLE UP IT'S THE LAW R16-1

Δ =21°38'33"
R=750.00
L=283.30
T=143.36

PCC: STA: 75+50.34
PT: STA: 78+72.64

$1000 FINE FOR LITTERING R16-1
40
SD-31
CB-28
SD-32
ZIMOVIA HIGHWAY
S4° 18' 25"W
748.63'
SD-33
SD-34
CB-29
Δ =11°41'54"
R=1500.00
L=306.26
T=153.66
PC: STA: 88+21.27
CB-30
SD-35
S7° 23' 29"E
60.12'
PT: STA: 89+27.53
PC: STA: 89+87.85
SD-36
CB-31
SD-37
Δ =16°55'08"
R=969.12
L=286.17
T=144.13
PT: STA: 92+73.82
CLEAN STORM DRAIN ONLY TO ROW. OFFSET: 49'
CEMETERY
CB-32
SD-38
S9° 31' 39"W
293.60'
MATCHLINE STA. 95+36
ROW
75+00
80+00
85+00
90+00
95+00

0 160' 320'
SCALE IN FEET



PLAN LEGEND

ENLARGED PLAN VIEW

NTS

CENTER VEHICULAR CURB CUT IN EXISTING DRIVEWAY STA 108+37
END CURB & GUTTER STA. 110+18
R-2A
S-1
110+00
109+00
108+00
2% SLOPE TOWARDS HWY
100' RADIUS
12:1 MAX RAMP SLOPE
P-2B
PCC: 110+51
PC: 110+18
12:1 MAX RAMP SLOPE
REMOVE EXISTING ASPHALT FROM DRIVEWAY & PATH
SAWCUT AND MATCH TO EXISTING SEPARATED PATH STA. 110+82.
SAWCUT & MATCH EXISTING 12:1 MAX RAMP SLOPE
REGRADE WITH AGGREGATE BASE COURSE, GRADING D-1 TO MATCH EXISTING DRIVEWAY.
REMOVE EXISTING CURB AND GUTTER RADIUS SEGMENT

Δ =32°43'35"
R=1397.63
L=54795.19
T=410.37

SPEED LIMIT 35 R2-1
49
Note: Shallow bedrock encountered between STA: 11+50 and 14+80 (within 18-inches of F.G.).
Encountered in roadway Lt of C/L and left ditch line. Actual length & width of bedrock unknown.

24" CPP 36'
P-2A
S-1
24" CPP 39.6'
SD-41
CB-34
PC: STA: 101+08.82
PT: STA: 102+71.67
PC: STA: 95+67.42
STOP R1-1
44
ROW
105+00
S24° 37' 11"E
437.75'
100+00
ZIMOVIA HIGHWAY
SD-39
CB-33
SD-40
NO PARKING ON PAVEMENT R8-1
48
STA. 110+18
P-2B
24" CPP 30'
18" CPP 69'
P-3
SEPARATED PATH
24" CPP 62'
P-4
PT: STA: 115+07.92
PC: STA: 116+48.53
115+00
S8° 06' 24"W
138.61'
50
SPEED LIMIT 50 R2-1
51
ADOPT A HIGHWAY I-150
52
53
MILE 2 D10-1
PAVE APRON ALONG SEPARATION STRIP BETWEEN ROADWAY AND PATH. ≈150'
MATCHLINE STA. 118+00
41
STOP R1-1
ADJUST SSMH & WATER VALVE
SD-38
42
43
D7-RM-12D
D9-301
Δ =34°08'50"
R=1182.00
L=704.45
T=363.03
45
STOP R1-1
46
NO PARKING ON PAVEMENT R8-1
OR WITHIN 8 FEET R8-1A
47
CONSTRUCT VEHICULAR CURB CUT FOR DRIVEWAY AND EXTEND ASPHALT SIDEWALK TO STA. 110+82. SEE ENLARGED PLAN VIEW THIS SHEET.
2" COLD PLANING
2" OVERLAY ONLY
Δ=07°20'45"
R=1909.43
L=244.81
T=122.57

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. [signature] Date 3/14/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\WRG\67425\PLANSET\67425_F1-F16_PLAN.DWG
GRANTHAM, RICK L (DOT)
TAB: P2 Thursday, December 13, 2012 1:45:08 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: P. CARROLL

STATE OF ALASKA 12th R. DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F2	36

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DM

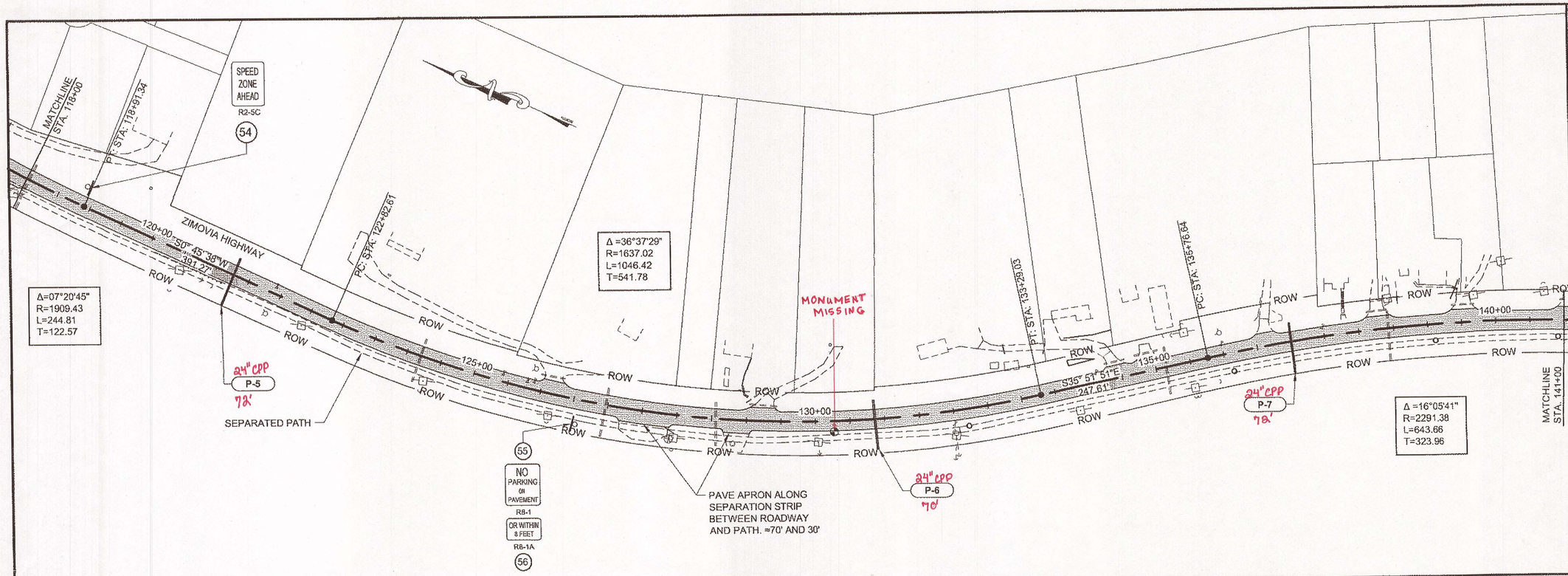
GRANTHAM, RICK L (DOT)
TAB: F3 Thursday, December 13, 2012 10:26:31 A

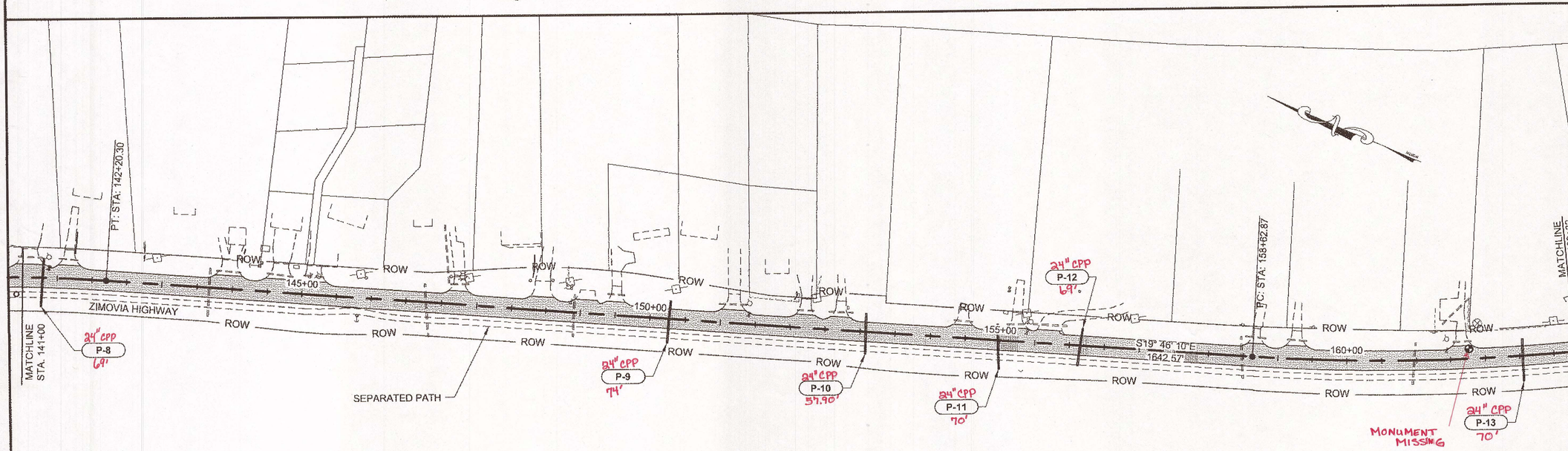
ADDENDUM NUMBER

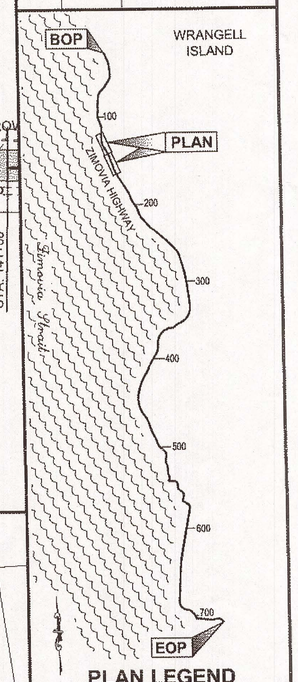
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION







PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F3	36

UTILITY NOTICE:
WATER AND SANITARY SEWER ARE PRESENT FROM THE BOP TO SHOEMAKER BAY.
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Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng [signature] Date 3/12/18

0 160' 320'
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

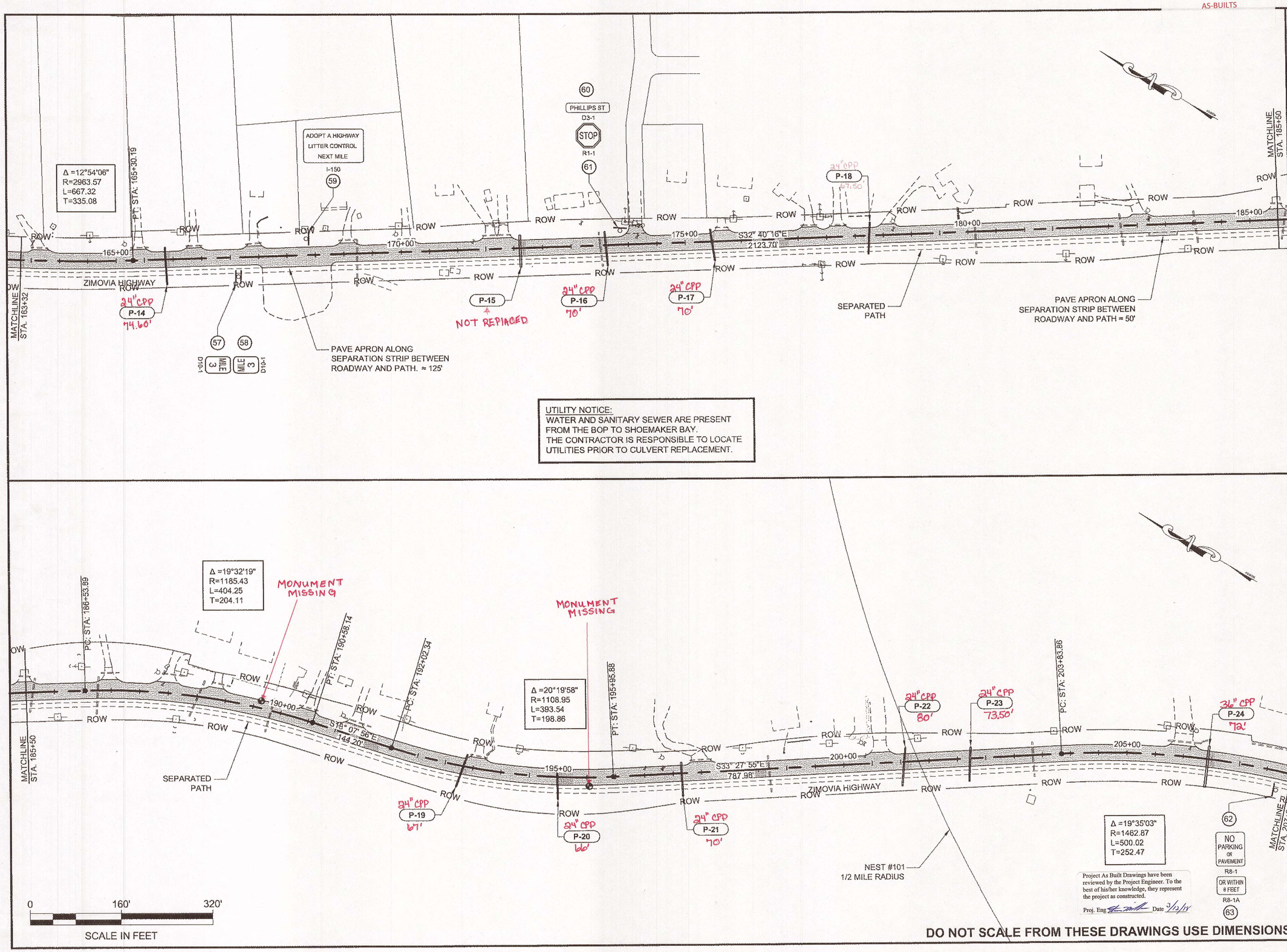
GRANTHAM, RICK L (DOT)
TAB: F4 Thursday, December 13, 2012 1:53:28 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



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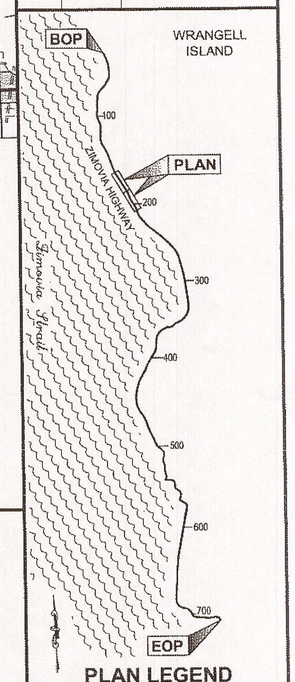
Proj. Eng [signature] Date 3/13/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA
49th
DARRYL G. LESTER
CE-11514
REGISTERED PROFESSIONAL ENGINEER
12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F4	36

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DWG

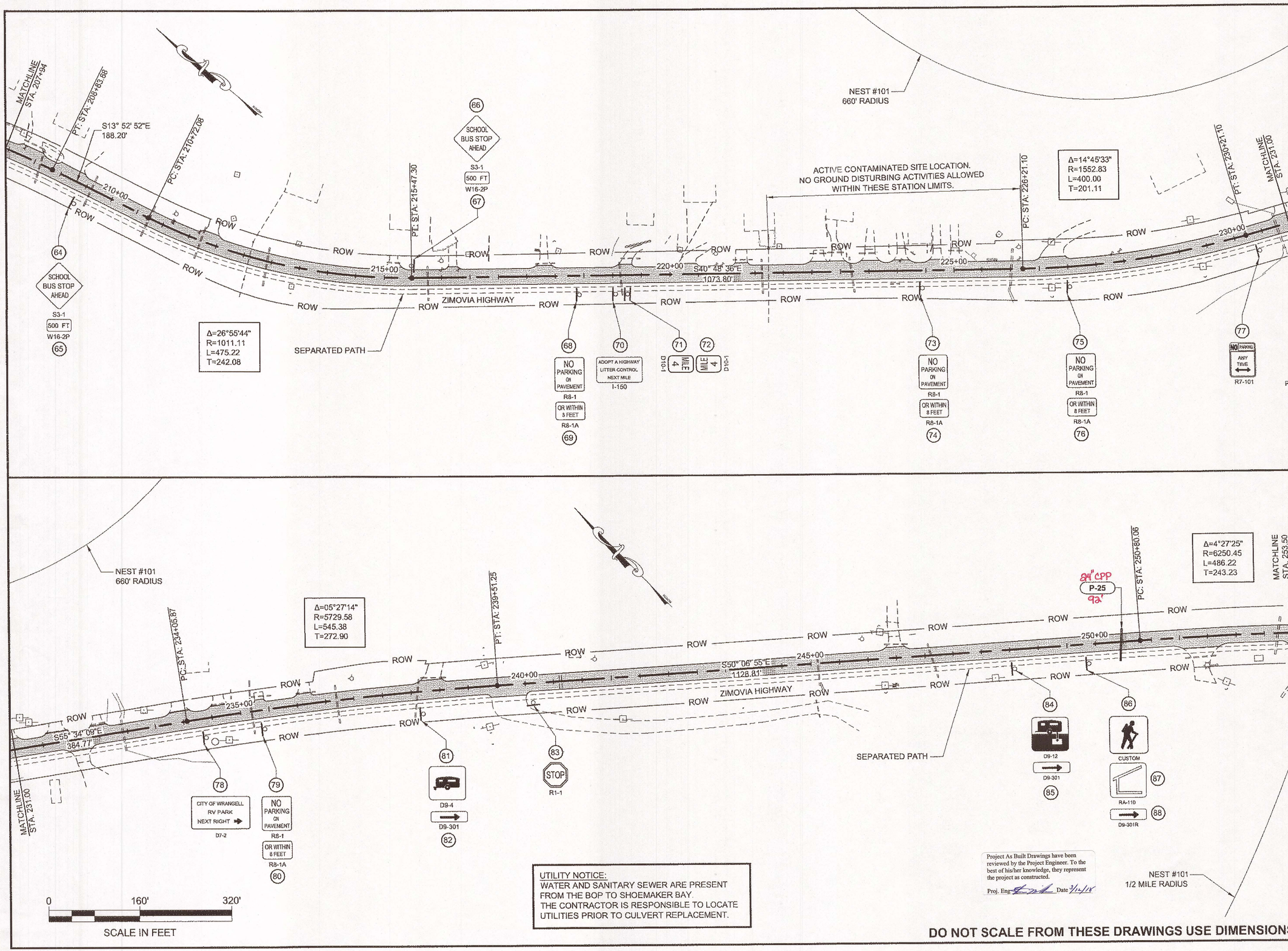
GRANTHAM, RICK L (DOT)
TAB: F5 Thursday, December 13, 2012 2:21:00 PM

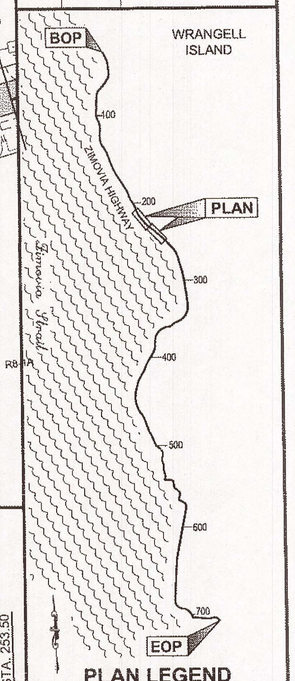
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DANIEL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F5	36

UTILITY NOTICE:
WATER AND SANITARY SEWER ARE PRESENT FROM THE BOP TO SHOEMAKER BAY.
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Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. [signature] Date 3/11/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DWG

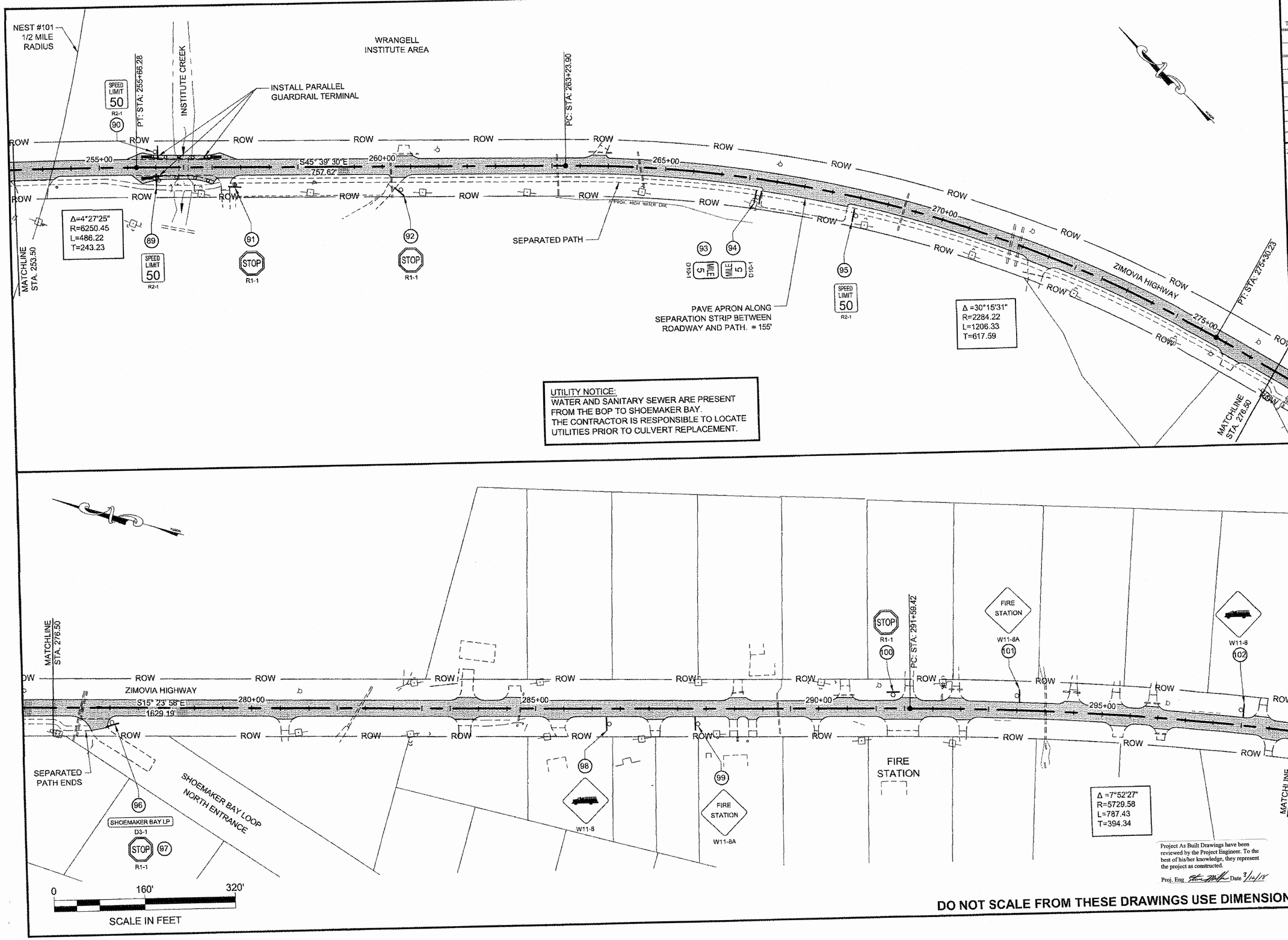
GRANTHAM, RICK L (DOT)
TAB: F6 Friday, December 14, 2012 7:18:30 AM

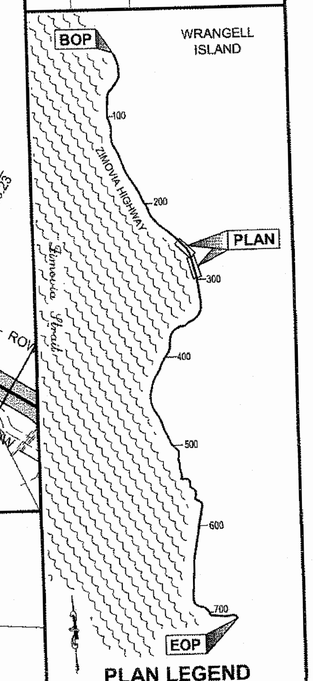
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA
49th
DARRYL G. LESTER
CE-11514
REGISTERED PROFESSIONAL ENGINEER
12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)-67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F6	36

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng Steve Miller Date 3/14/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS

PATH:Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

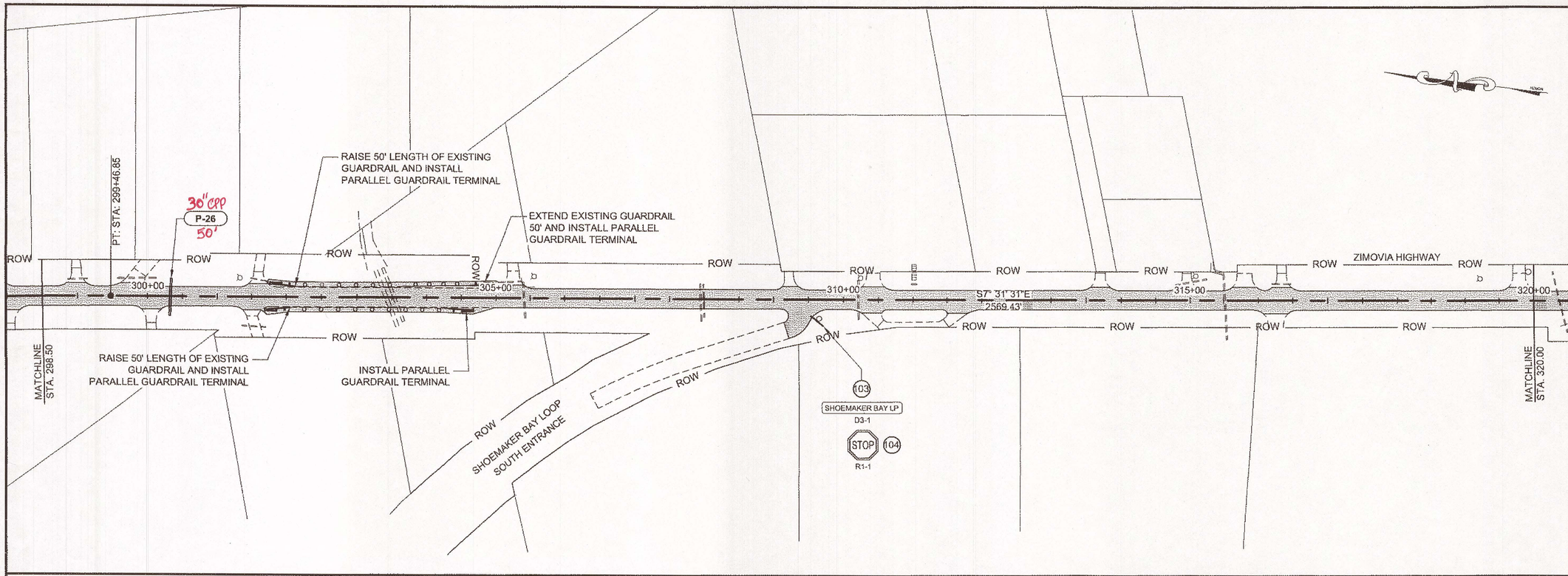
GRANTHAM, RICK L (DOT)
TAB: F7 Thursday, December 13, 2012 2:43:02 PM

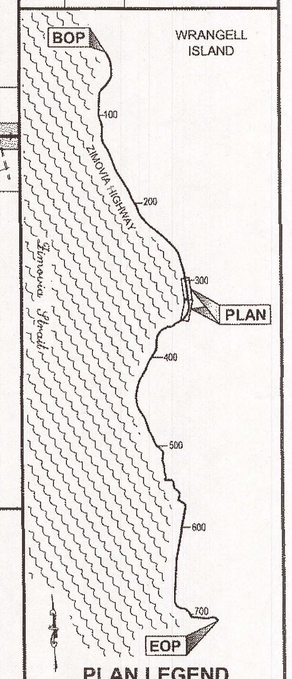
ADDENDUM NUMBER

ATTACHMENT NUMBER

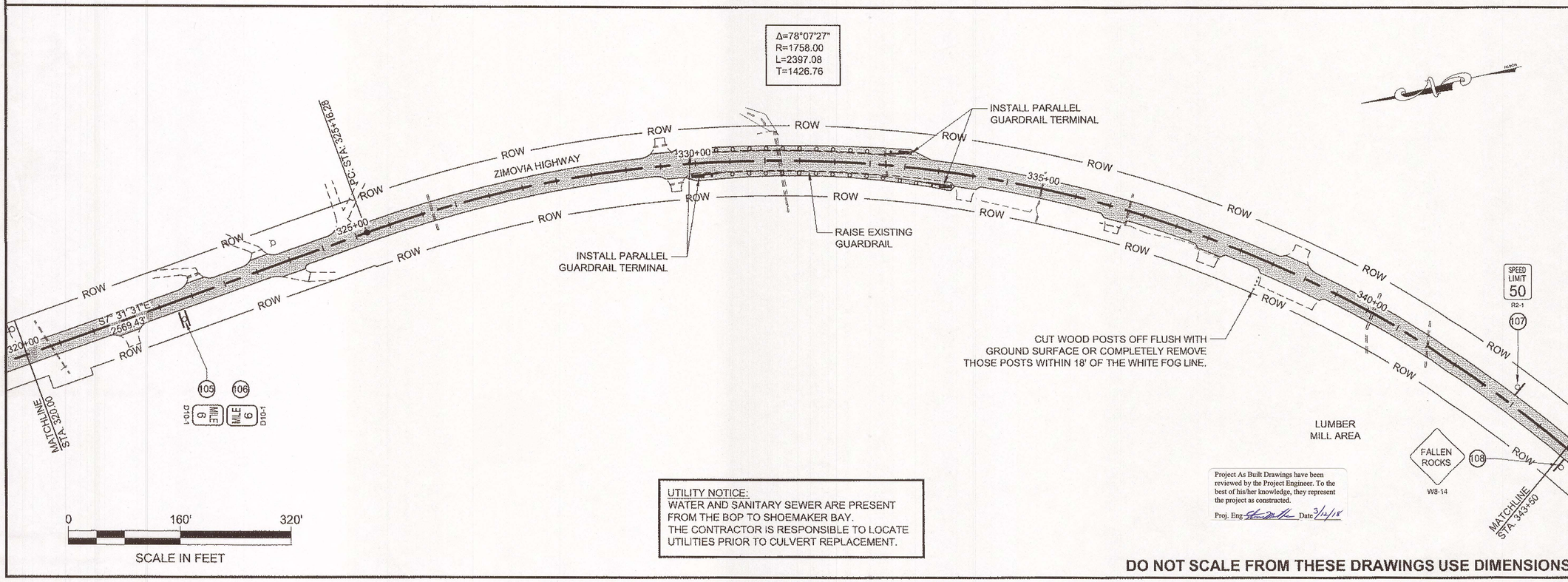
RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND



UTILITY NOTICE:
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Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. [signature] Date 3/12/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F7	36

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DWG

GRANTHAM, RICK L (DOT)
TAB: F8 Thursday, December 13, 2012 2:49:57 PM

ADDENDUM NUMBER

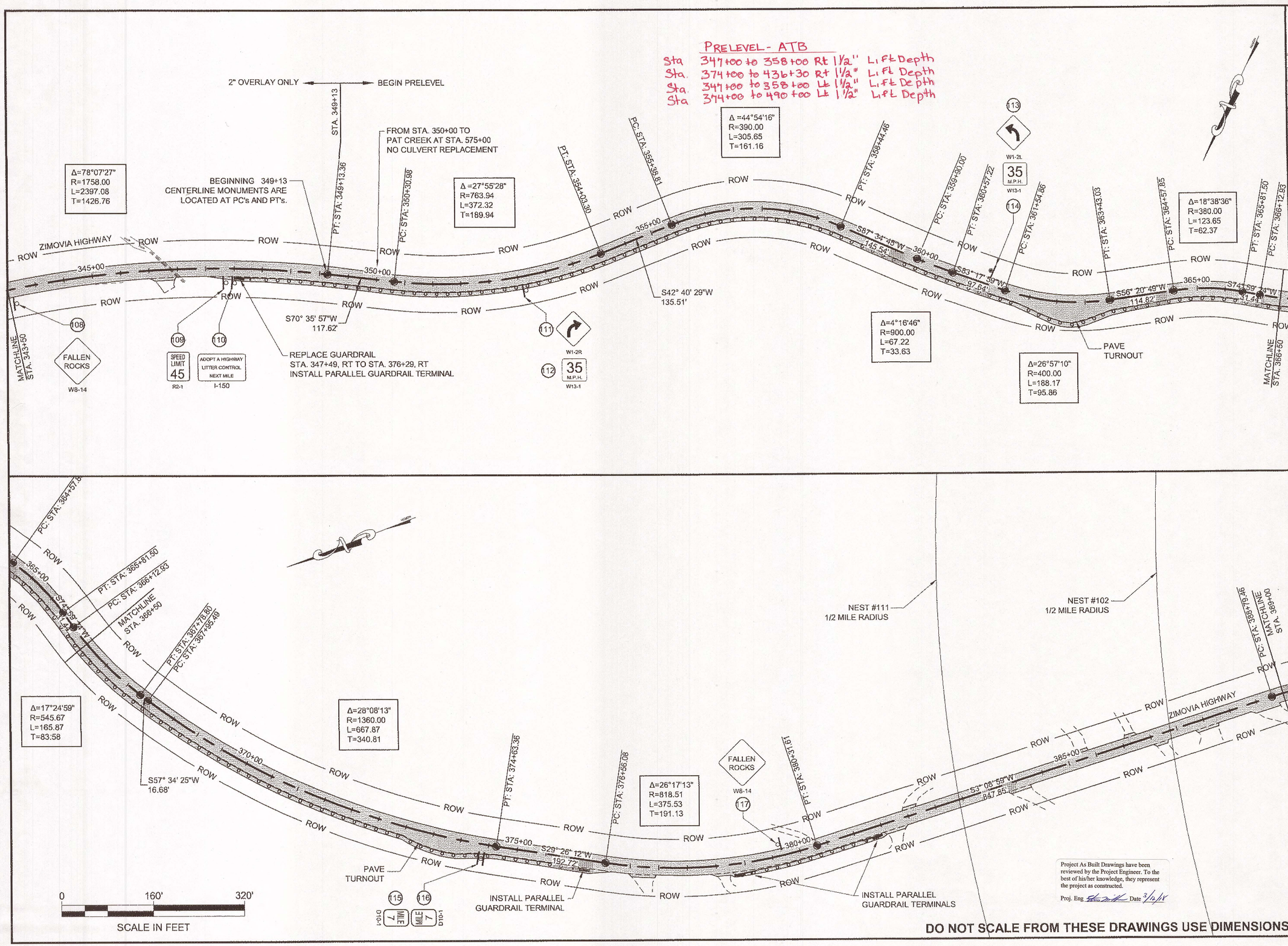
ATTACHMENT NUMBER

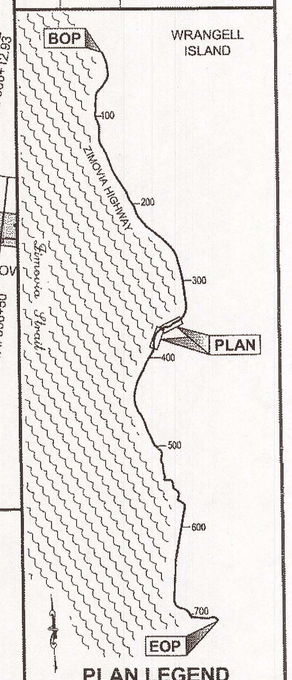
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PRELEVEL - ATB

Sta 347+00 to 358+00 Rt 1½" Lift Depth
Sta. 374+00 to 436+30 Rt 1½" Lift Depth
Sta. 347+00 to 358+00 Lt 1½" Lift Depth
Sta 374+00 to 490+00 Lt 1½" Lift Depth





PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA
29th
DARRIL G. LESTER
CE-11514
REGISTERED PROFESSIONAL ENGINEER
12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F8	36

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/21/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS

PATH:Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

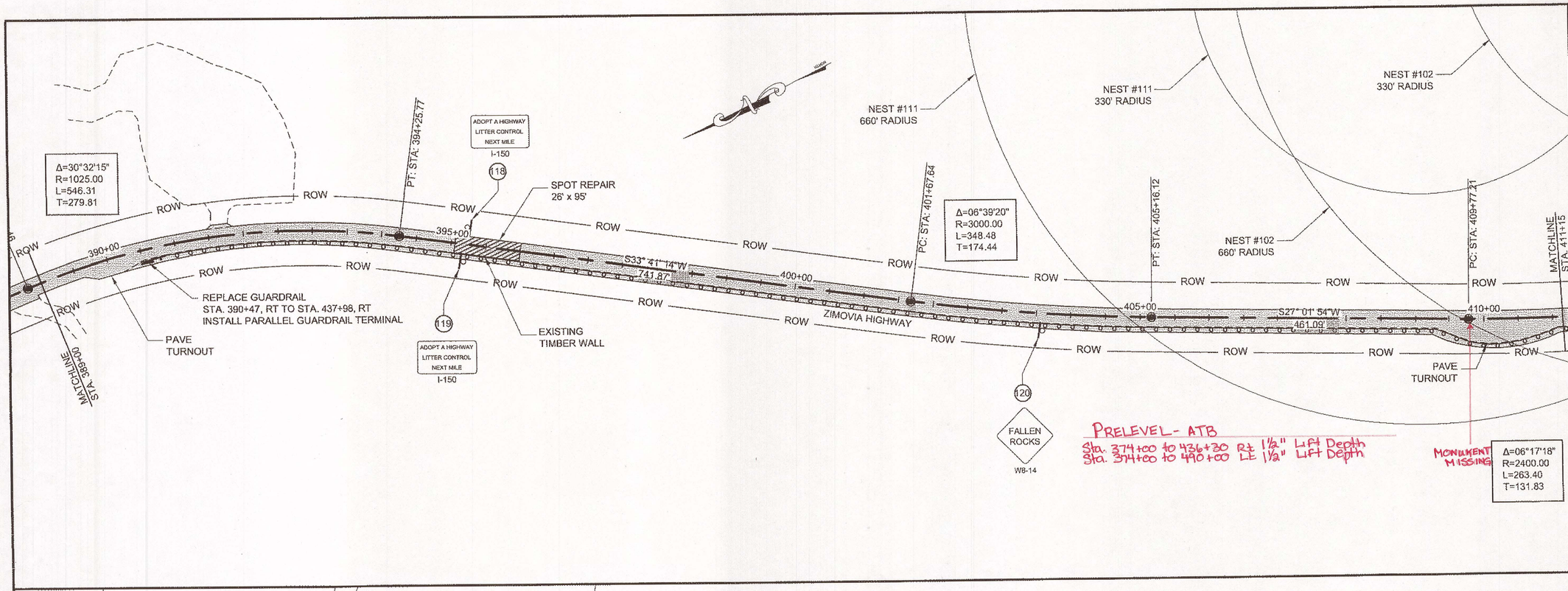
GRANTHAM, RICK L (DOT)
TAB: F9 Thursday, December 13, 2012 3:24:38 PM

ADDENDUM NUMBER

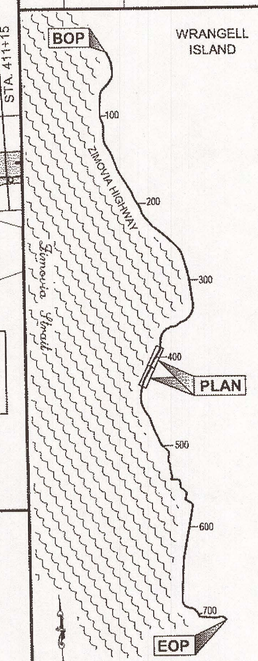
ATTACHMENT NUMBER

RECORD OF REVISIONS

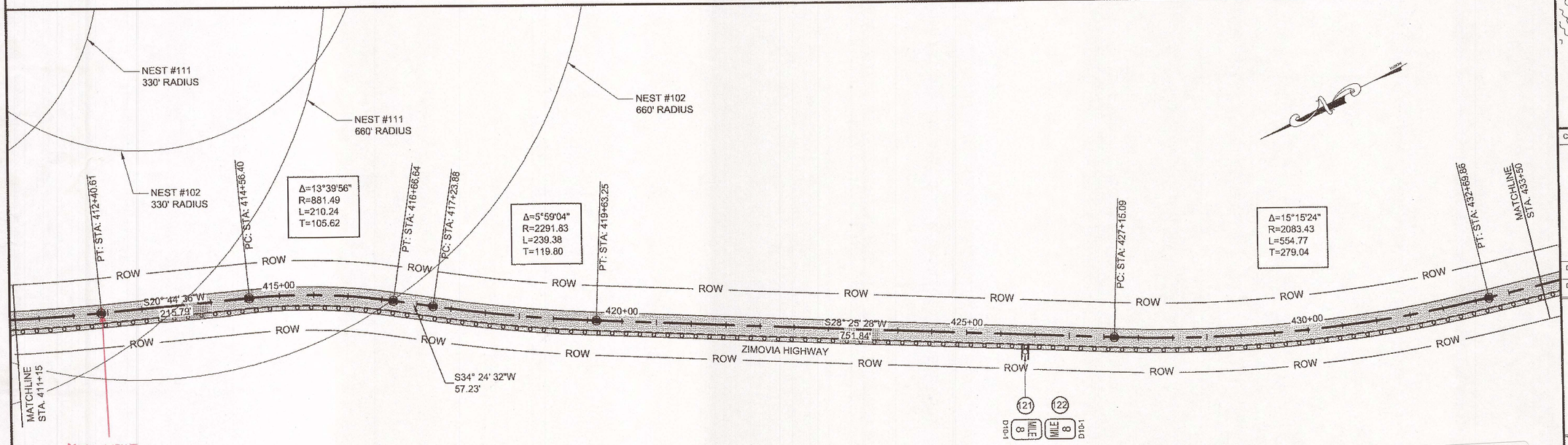
No.	DATE	DESCRIPTION



PRELEVEL- ATB
Sta. 374+00 to 436+30 Rt 1½" Lift Depth
Sta. 374+00 to 490+00 LE 1½" Lift Depth



PLAN LEGEND



0 160' 320'
SCALE IN FEET

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. Date 3/12/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA
49th
DARRYL G. LESTER
CE-11514
REGISTERED PROFESSIONAL ENGINEER
12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F9	36

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DM

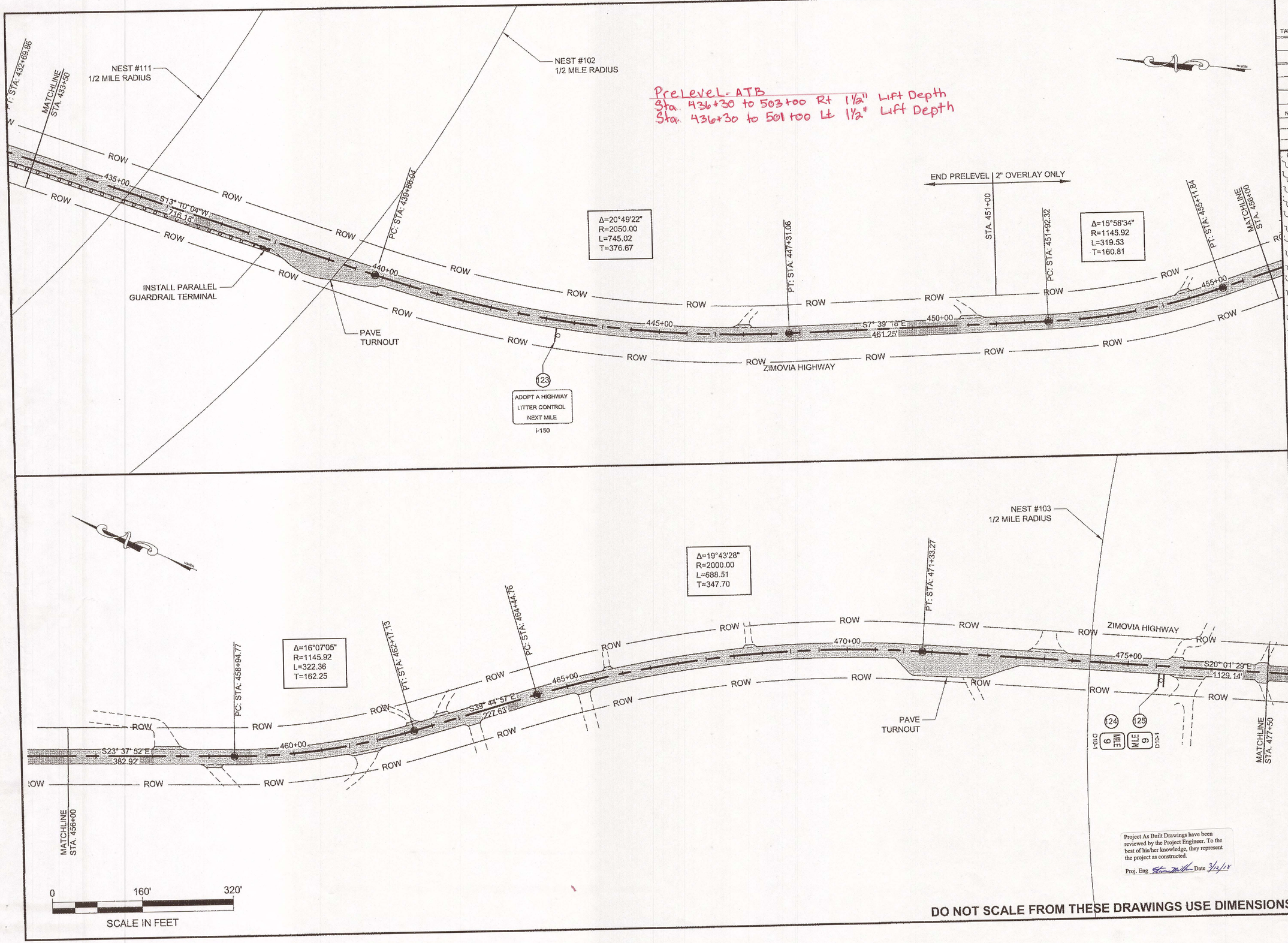
GRANTHAM, RICK L (DOT)
TAB: F10 Thursday, December 13, 2012 3:23:11 PM

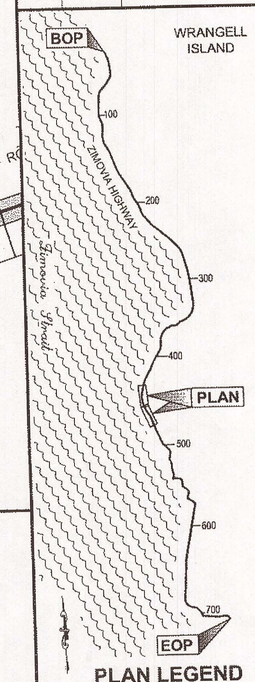
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 29th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION	
NH-STP-0003(162)~67425	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F10	36

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/14/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS

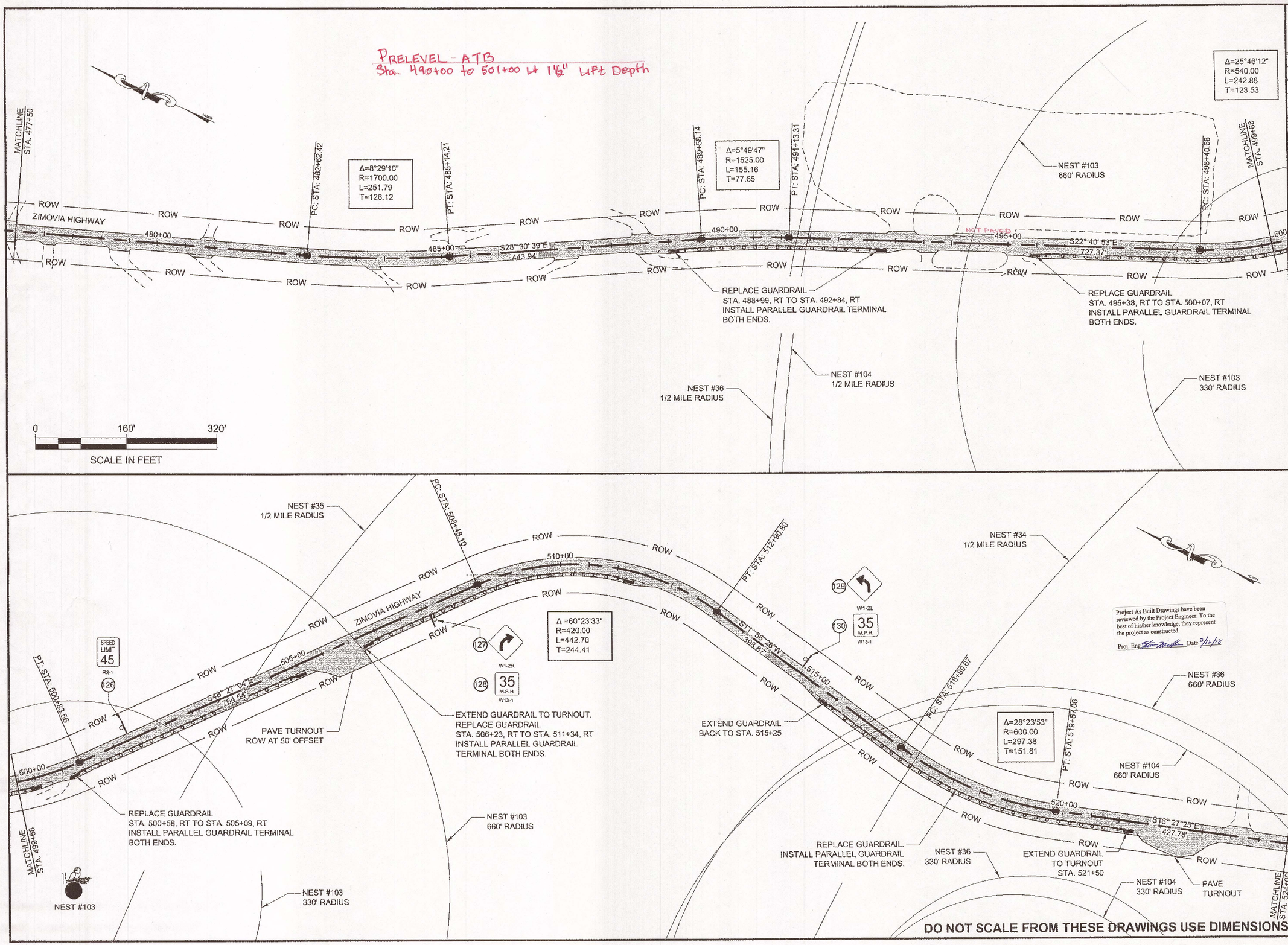
PATH:Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

GRANTHAM, RICK L (DOT)

TAB: F11 Thursday, December 13, 2012 3:32:23 PM

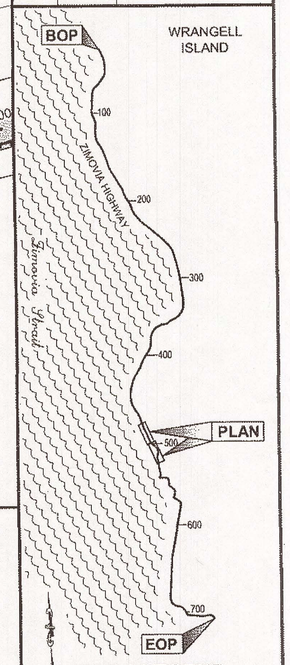
ADDENDUM NUMBER
ATTACHMENT NUMBER
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/12/18



PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 12-13-12 39th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION

NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F11	36

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DWG

GRANTHAM, RICK L (DOT)
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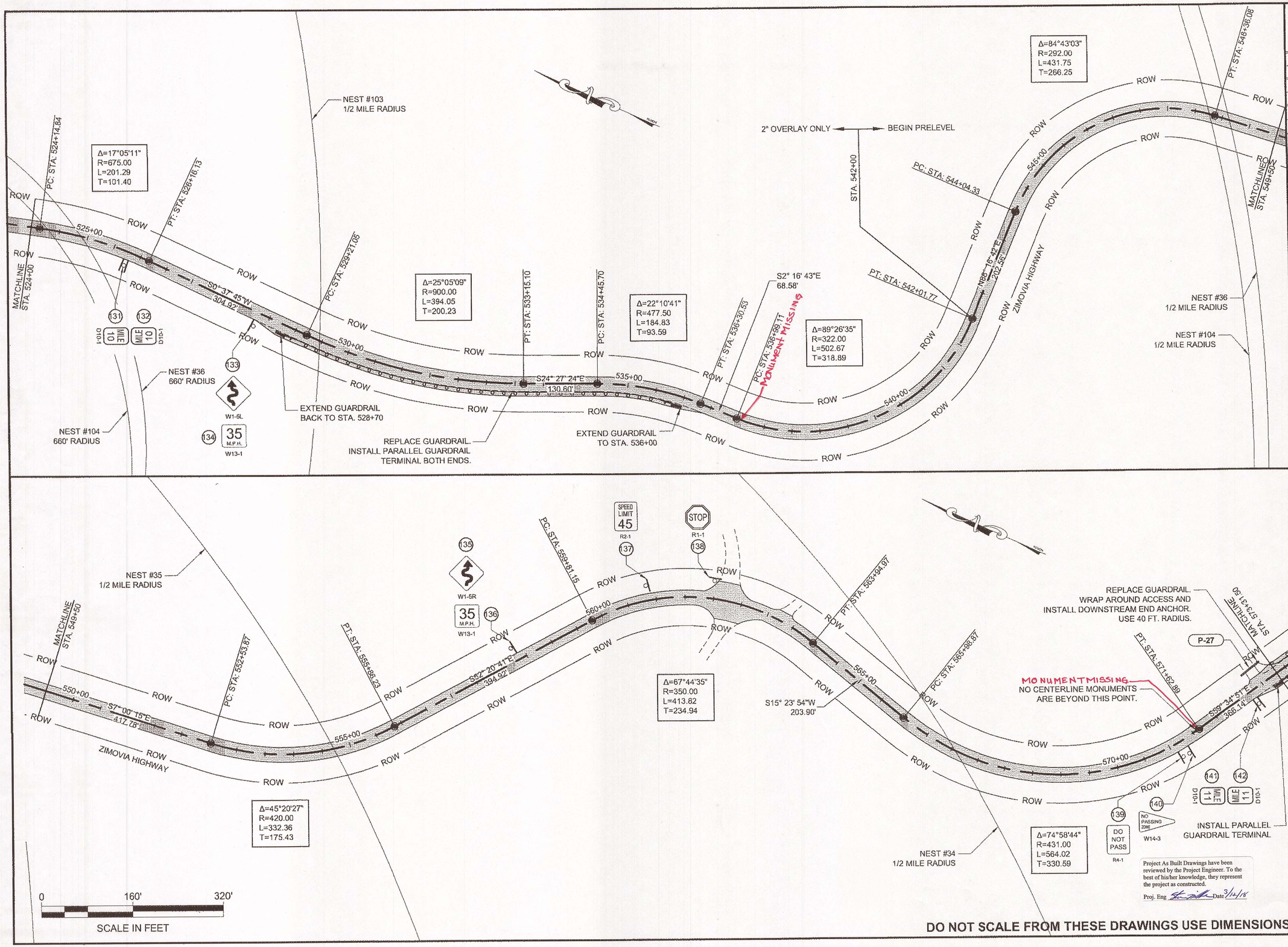
ADDENDUM NUMBER

ATTACHMENT NUMBER

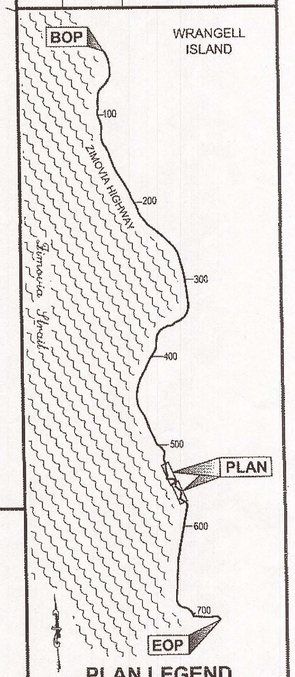
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. Date 3/12/13



PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION	
NH-STP-0003(162)~67425	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F12	36

AS-BUILTS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLAN.DW

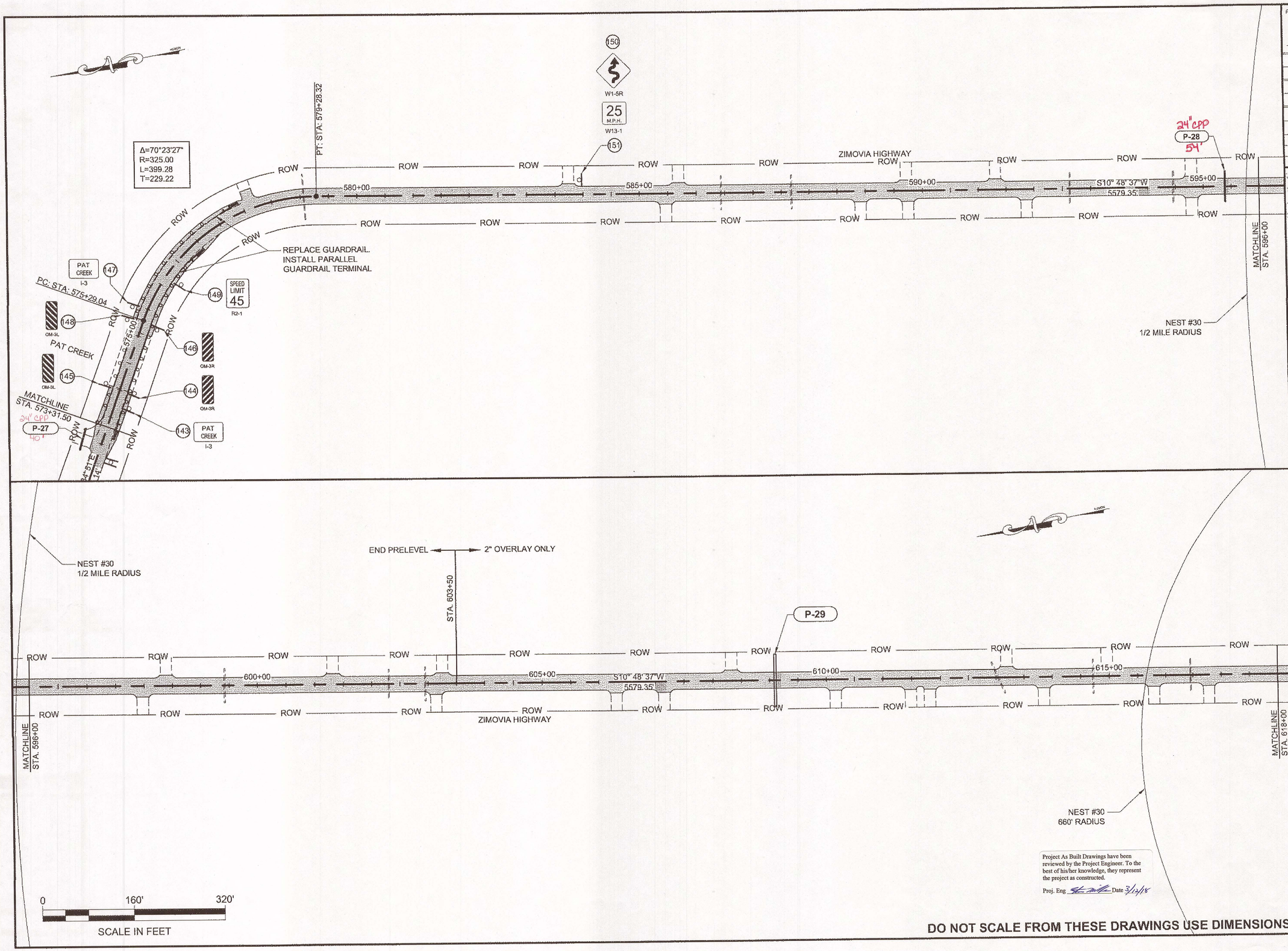
GRANTHAM, RICK L (DOT)
TAB: F13 Thursday, December 13, 2012 12:50:56 P

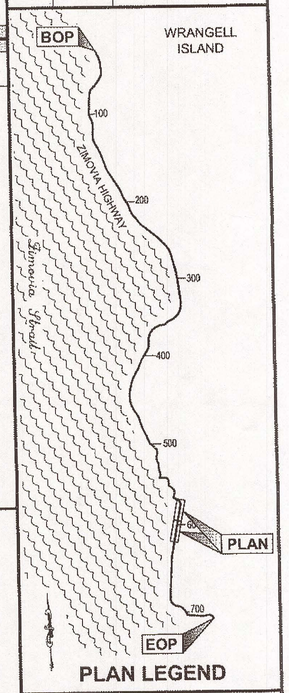
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA
29th
DARRYL G. LESTER
CE-11514
REGISTERED PROFESSIONAL ENGINEER
12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

PROJECT DESIGNATION

NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012

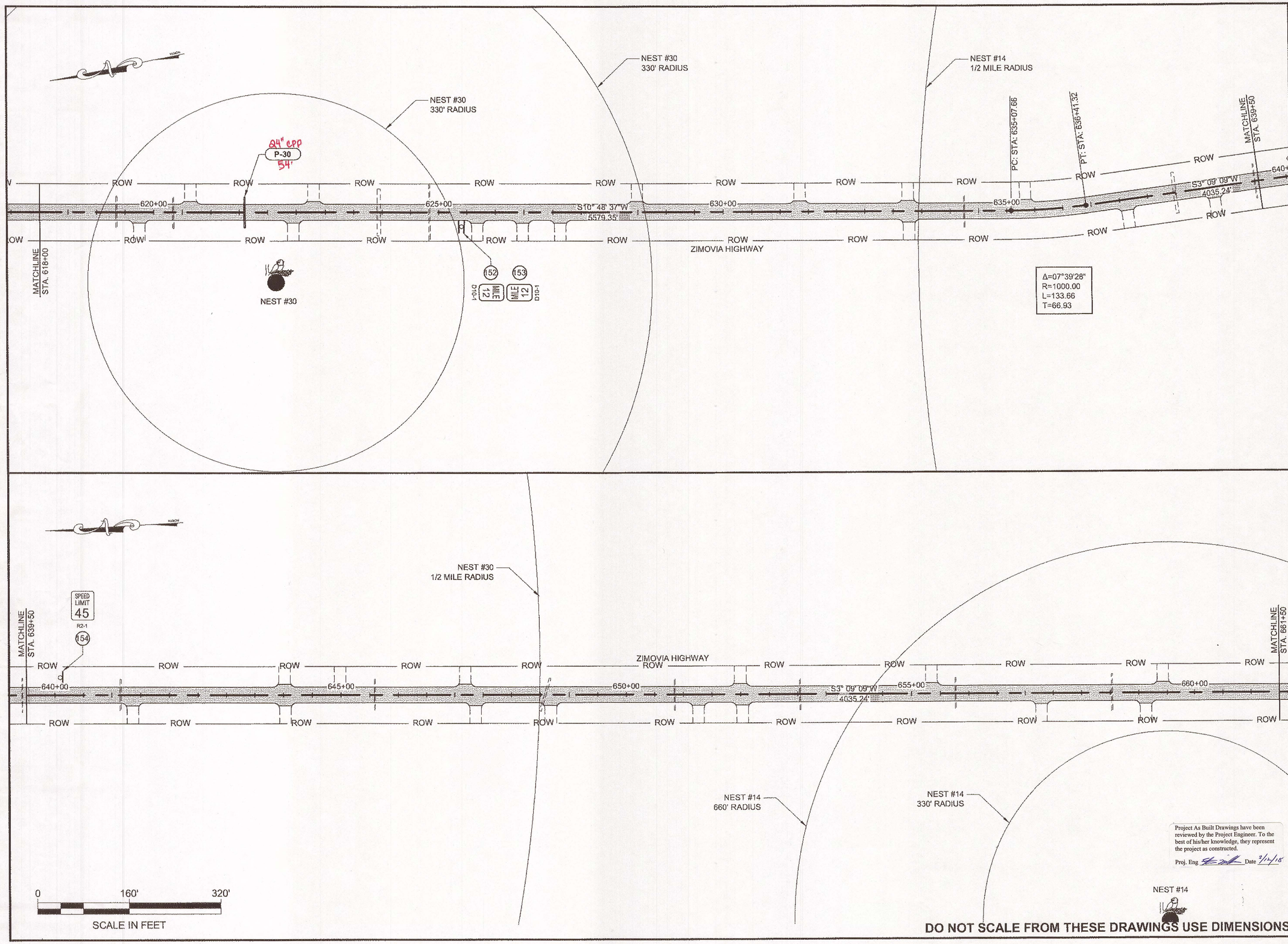
SHEET NUMBER	TOTAL SHEETS
F13	36

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/12/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILTS



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng _____ Date 3/24/15

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

GRANTHAM, RICK L (DOT)

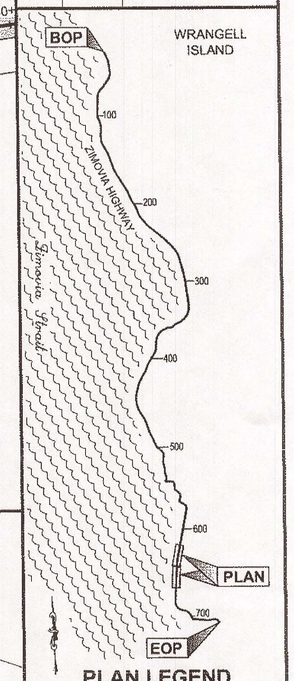
TAB: F14 Thursday, December 13, 2012 1:06:10 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA
9th
DARRYL G. LESTER
CE-11514
REGISTERED PROFESSIONAL ENGINEER
12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

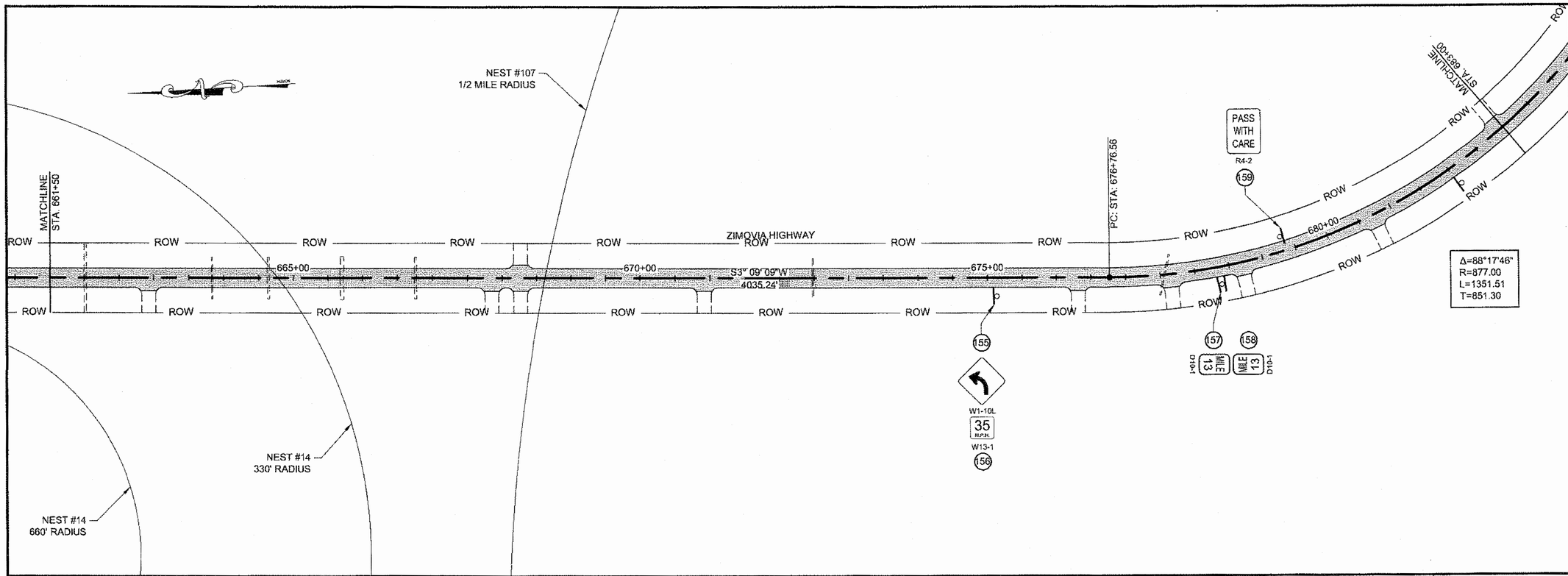
PLAN VIEW

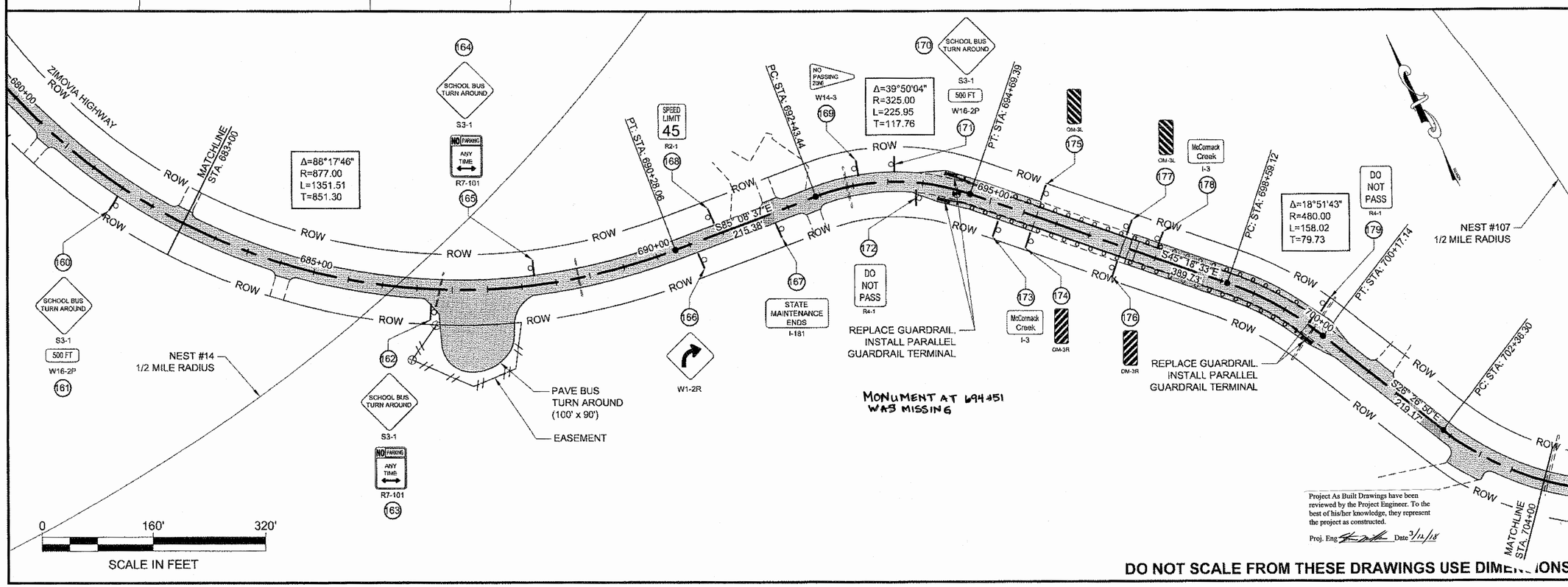
PROJECT DESIGNATION

NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F14	36

AS-BUILTS





MONUMENT AT 694+51 WAS MISSING

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/12/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

GRANTHAM, RICK L. (DOT)

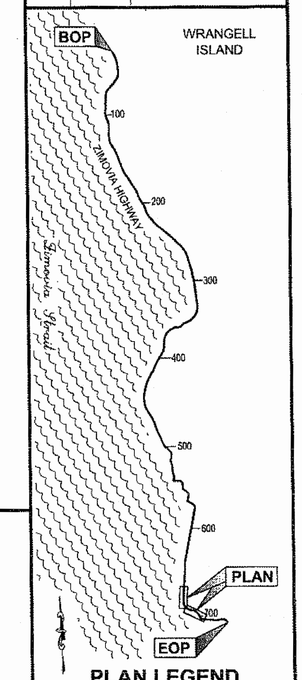
TAB: F15 Thursday, December 13, 2012 1:29:44 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: P. CARROLL

STATE OF ALASKA 79th DARRYL G. LESTER CC-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

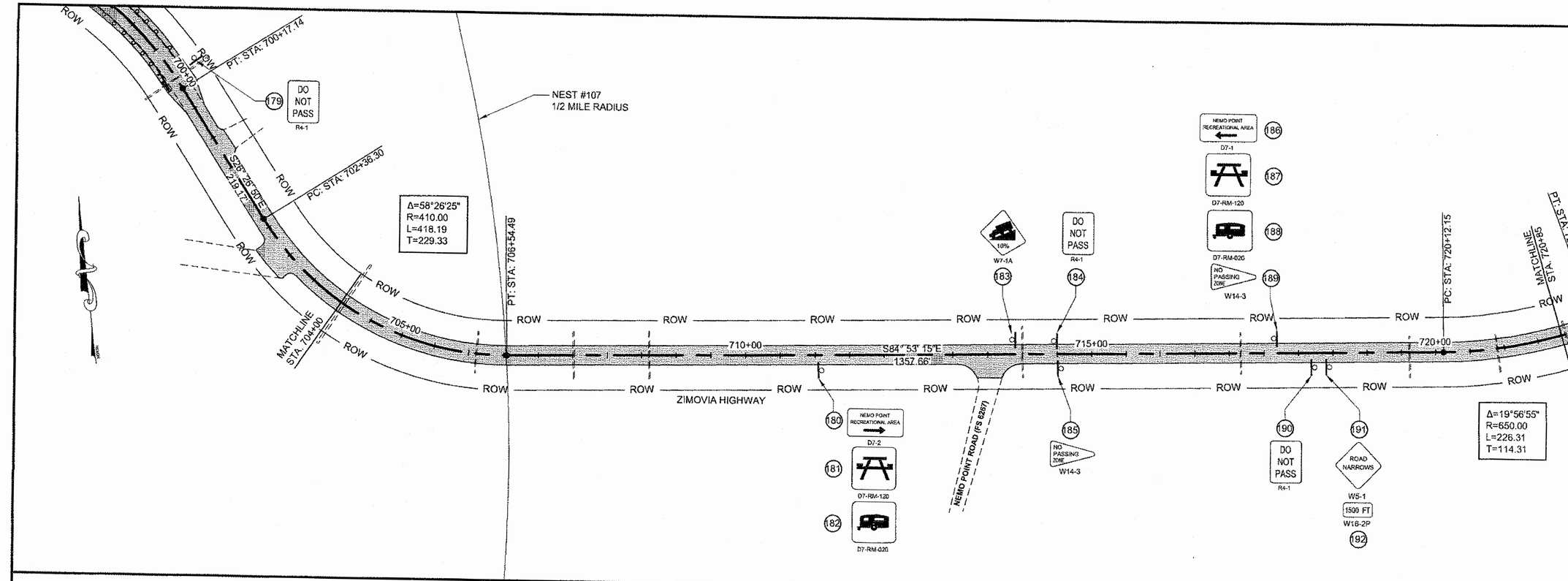
PLAN VIEW

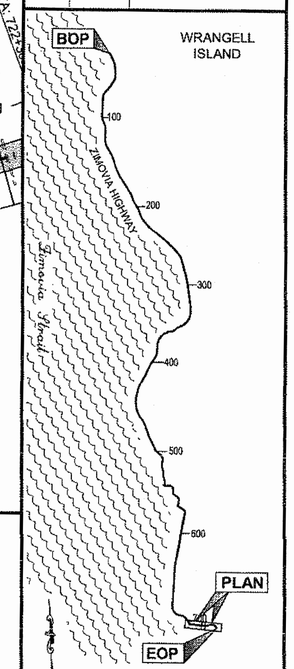
PROJECT DESIGNATION

NH-STP-0003(162)~67425

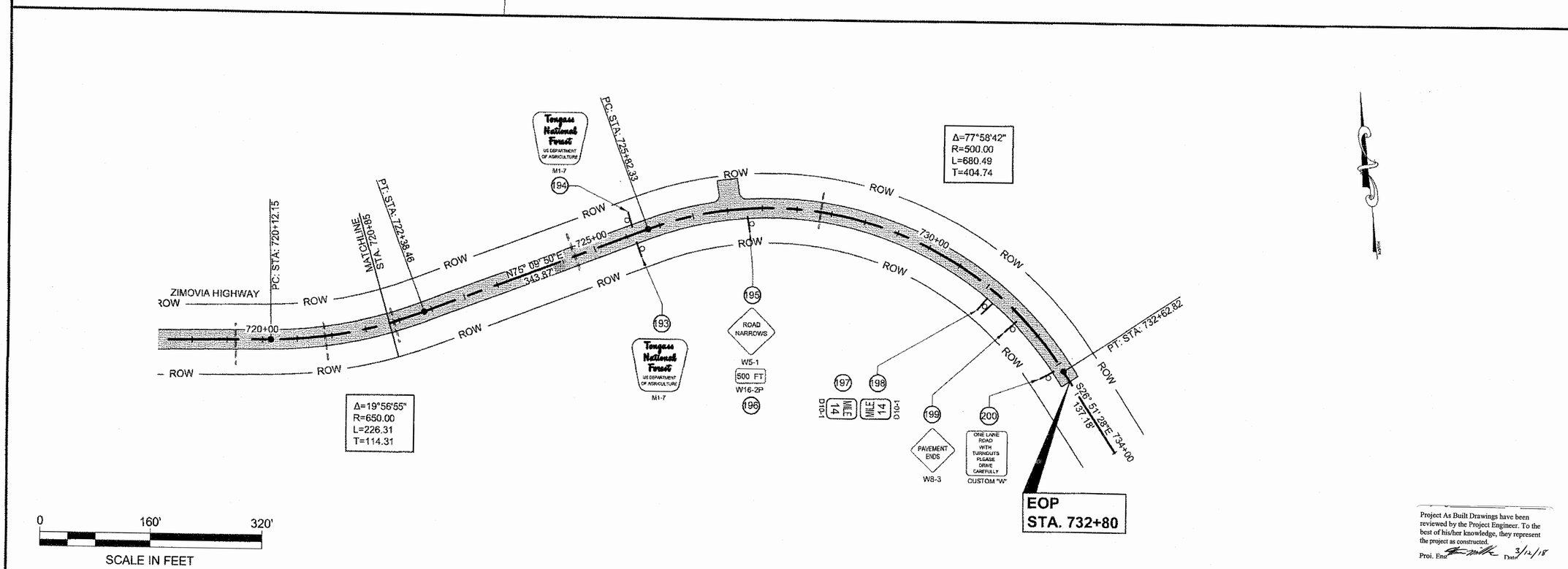
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F15	36

AS-BUILTS





PLAN LEGEND



0 160' 320'

SCALE IN FEET

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Proj. Eng. [signature] Date 3/12/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\WRG\67425\PLANSET\67425_F1-F16_PLANS.DW

GRANTHAM, RICK L (DOT)

TAB: F16 Thursday, December 13, 2012 1:32:36 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: P. CARROLL

STATE OF ALASKA 29th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-13-12

DESIGNED BY: D. LESTER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

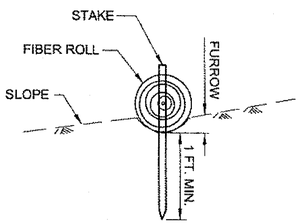
WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PLAN VIEW

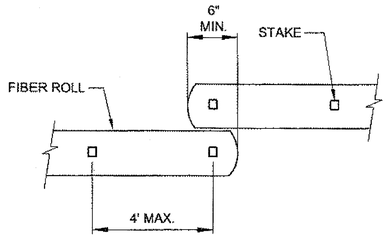
PROJECT DESIGNATION

NH-STP-0003(162)~67425

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F16	36

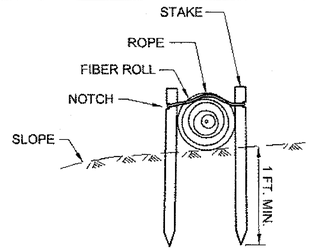


SECTION

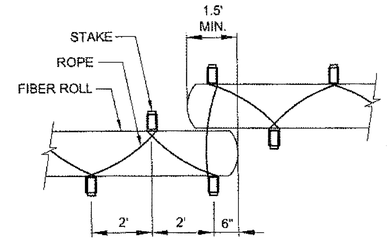


PLAN

FIBER ROLL (TYPE 1)

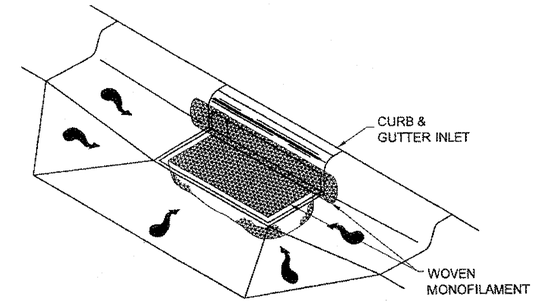


SECTION



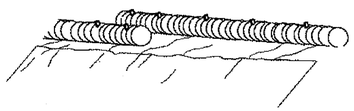
PLAN

FIBER ROLL (TYPE 2)



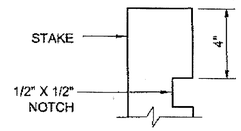
CURB INLET PROTECTION

CATCH BASIN FILTERS SHALL BE USED AT ALL SITES WHERE SEDIMENT IS LIKELY TO BE GENERATED DURING CONSTRUCTION AND WHERE THE FILTERS ARE A REASONABLE MEANS OF TRAPPING IT.

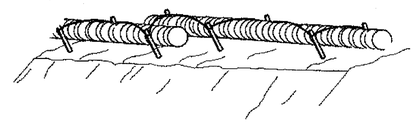


PERSPECTIVE

FIBER ROLL (TYPE 1)



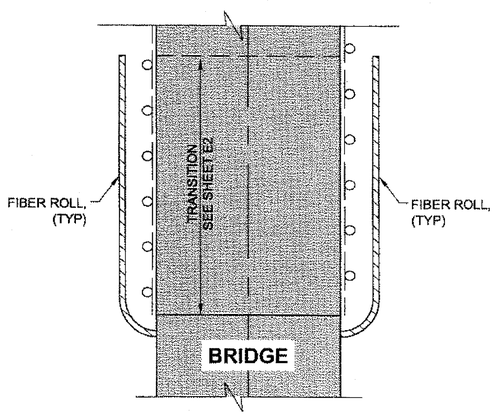
STAKE



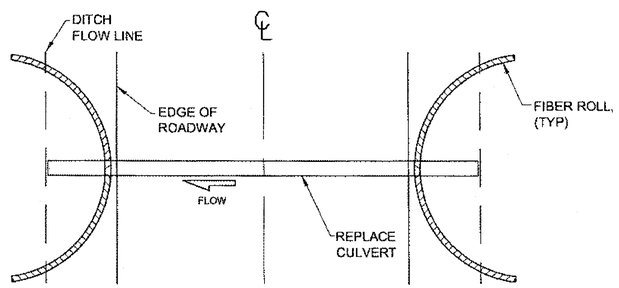
PERSPECTIVE

FIBER ROLL (TYPE 2)

TYPICAL FIBER ROLL DETAIL



FIBER ROLL PLACEMENT AT BRIDGES



FIBER ROLL PLACEMENT AT CULVERTS

633 (2) SEDIMENT BARRIER

CULVERT NO.	STATION	OFFSET	SED. BAR. LENGTH
1	72+70	15.5' LT	20
2	110+09	LT - RT	40
3	112+10	LT - RT	40
4	114+80	LT - RT	40
5	121+26	LT - RT	40
6	130+86	LT - RT	40
7	137+01	LT - RT	40
8	141+29	LT - RT	40
9	150+27	LT - RT	40
10	153+08	LT - RT	40
11	154+97	LT - RT	40
12	156+16	LT - RT	40
13	162+55	LT - RT	40
14	165+87	LT - RT	40
15	172+11	LT - RT	40
16	173+61	LT - RT	40
17	175+48	LT - RT	40
18	178+25	LT - RT	40
19	193+33	LT - RT	40
20	194+98	LT - RT	40
21	197+15	LT - RT	40
22	201+06	LT - RT	40
23	202+22	LT - RT	40
24	206+43	LT - RT	40
25	250+47	LT - RT	40
26	300+32	LT - RT	40
27	572+97	LT APPROACH	40
28	595+39	LT - RT	40
29	609+10	LT - RT	40
30	621+59	LT - RT	40
INSTITUTE CREEK			120
PAT CREEK BRIDGE			360
McCORMACK CREEK BRIDGE			200

690 (1) INLET PROTECTION

#	STATION	OFFSET	REMARKS
1	28+28	RT	
2	29+14	RT	
3	33+49	LT	
4	33+49	RT	
5	36+04	LT	
6	36+04	RT	
7	38+52	RT	
8	41+93	LT	
9	41+94	RT	
10	45+20	RT	
11	45+21	LT	
12	48+66	RT	
13	48+71	LT	
14	50+87	LT	
15	52+03	RT	
16	54+86	RT	
17	56+52	RT	
18	56+41	LT	
19	58+43	RT	
20	63+91	RT	
21	63+92	LT	
22	67+50	RT	
23	68+19	LT	
24	70+89	RT	
25	72+70	LT	
26	81+89	RT	
27	84+57	RT	
28	88+72	RT	
29	90+15	RT	
30	95+02	RT	
31	106+68	RT	
32	107+62	RT	
33	110+10	RT	

GENERAL NOTES:

1. REFER TO APPENDIX B OF THE SPECIAL PROVISIONS 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 PAVEMENT PULVERIZING ACTIVITIES OR AS SPECIFIED ELSEWHERE.
4. THE LOCATION AND LENGTH OF FIBER ROLLS IS DEPENDENT ON THE CONDITIONS OF THE SITE. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.
5. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.
6. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.
7. MAINTAIN DEVICES. MONITOR DAILY.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th DARRYL G. LESTER CE-11514 REGISTERED PROFESSIONAL ENGINEER 12-11-12

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

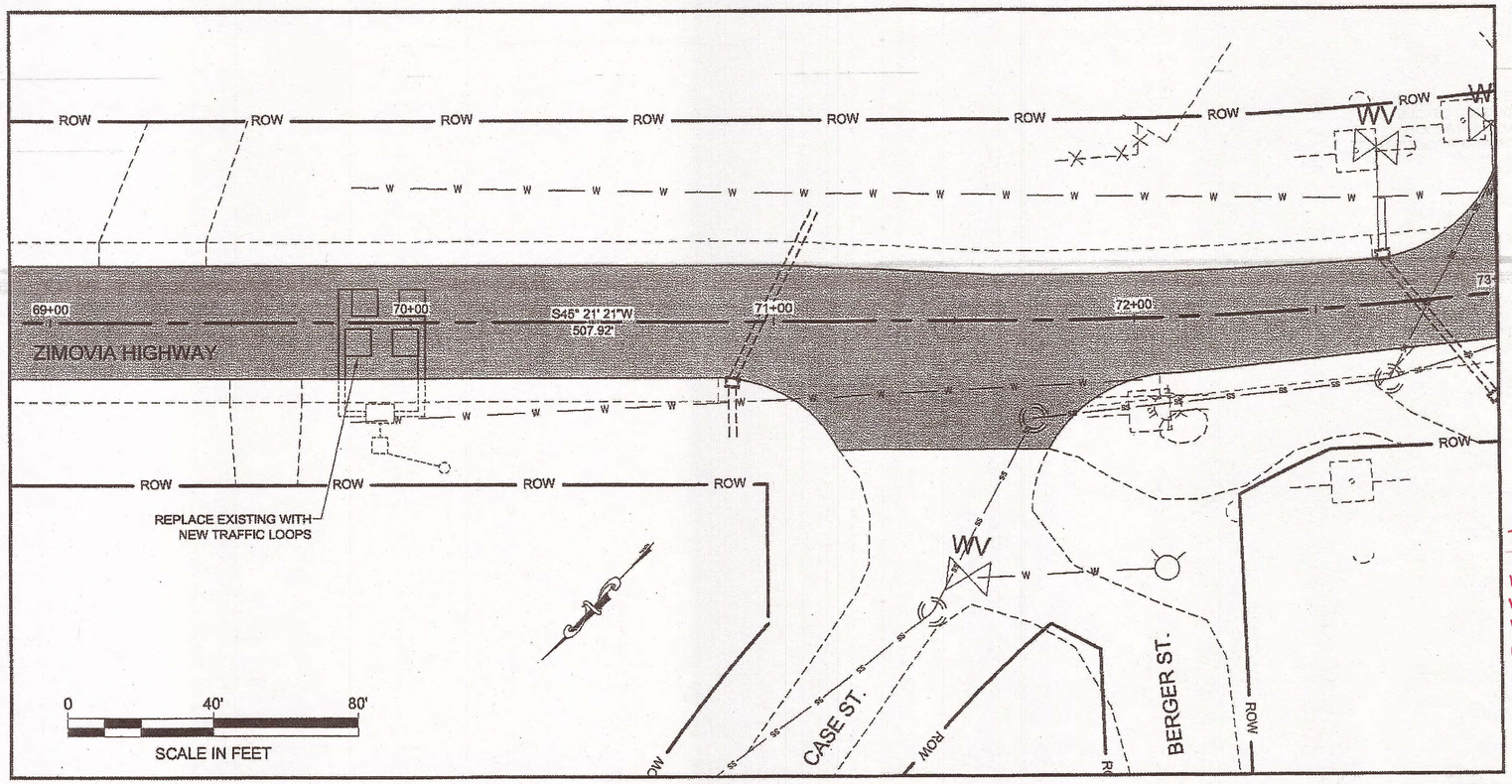
WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

EROSION & SEDIMENT CONTROL DETAILS

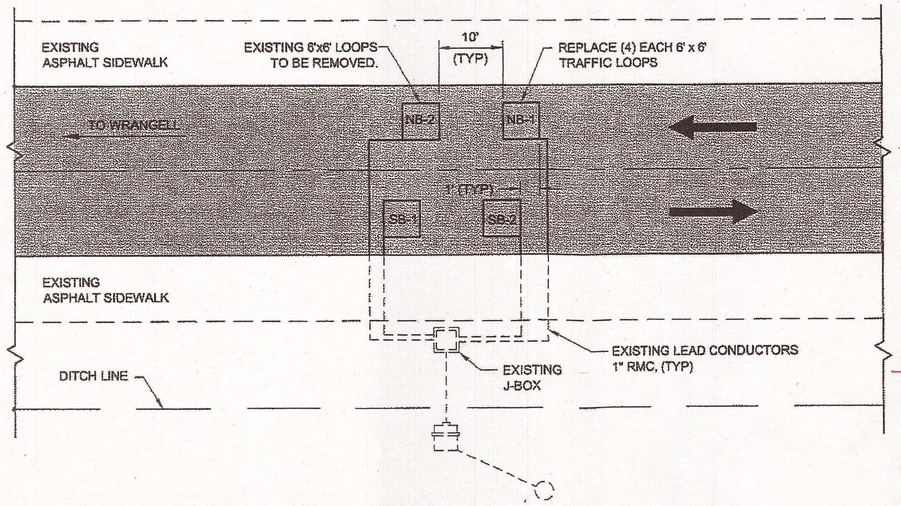
PATH: Q:\WRG\67425\PLANSET\67425_P1_ESCP.DWG
TAB: P1 Monday, December 10, 2012 8:43:22 AM LESTER, DARRYL (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	P1	36

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng. [signature] Date 3/12/13



PLAN VIEW



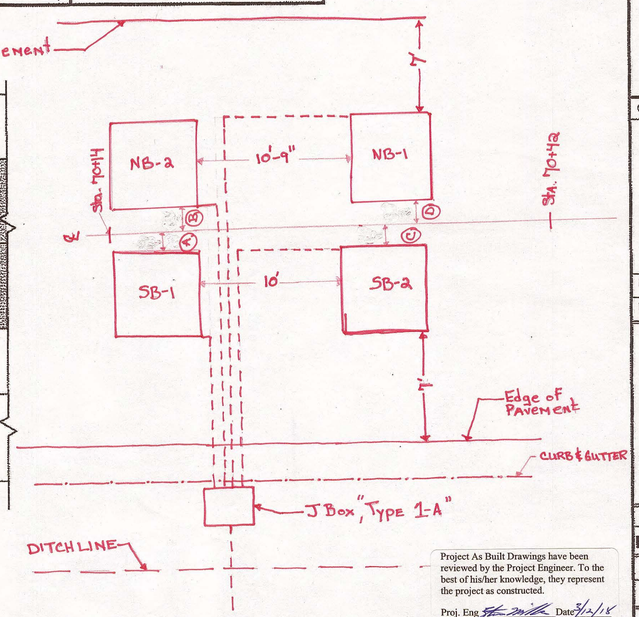
TRAFFIC COUNTER TYPICAL

NTS

Traffic Counter

Loop Dimension: 6'x6' Typ
Loop Depth: 6" (5" AC, 1" D-1)
Loop: 1" PVC
Conduit: 1" RMC

Note
(A)(B)(C)(D)
1'-4" From ℄



Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 5/2/18

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\WRG\67425\PLANSET\67425_Q1_LOOP PLAN.DWG

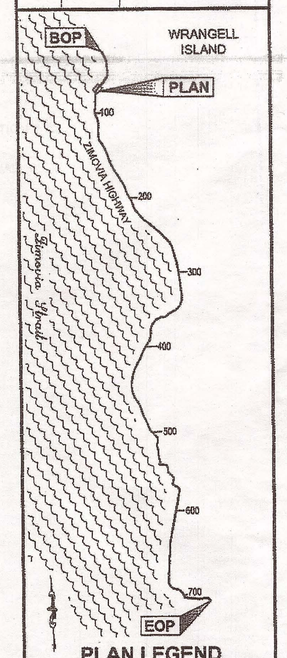
LESTER, DARRYL (DOT)
TAB: Q1 Wednesday, December 12, 2012 1:20:42

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. LESTER

STATE OF ALASKA 49th David Bruce Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER 12.12.12

DESIGNED BY: D. EPSTEIN

DRAWN BY: R. GRANTHAM

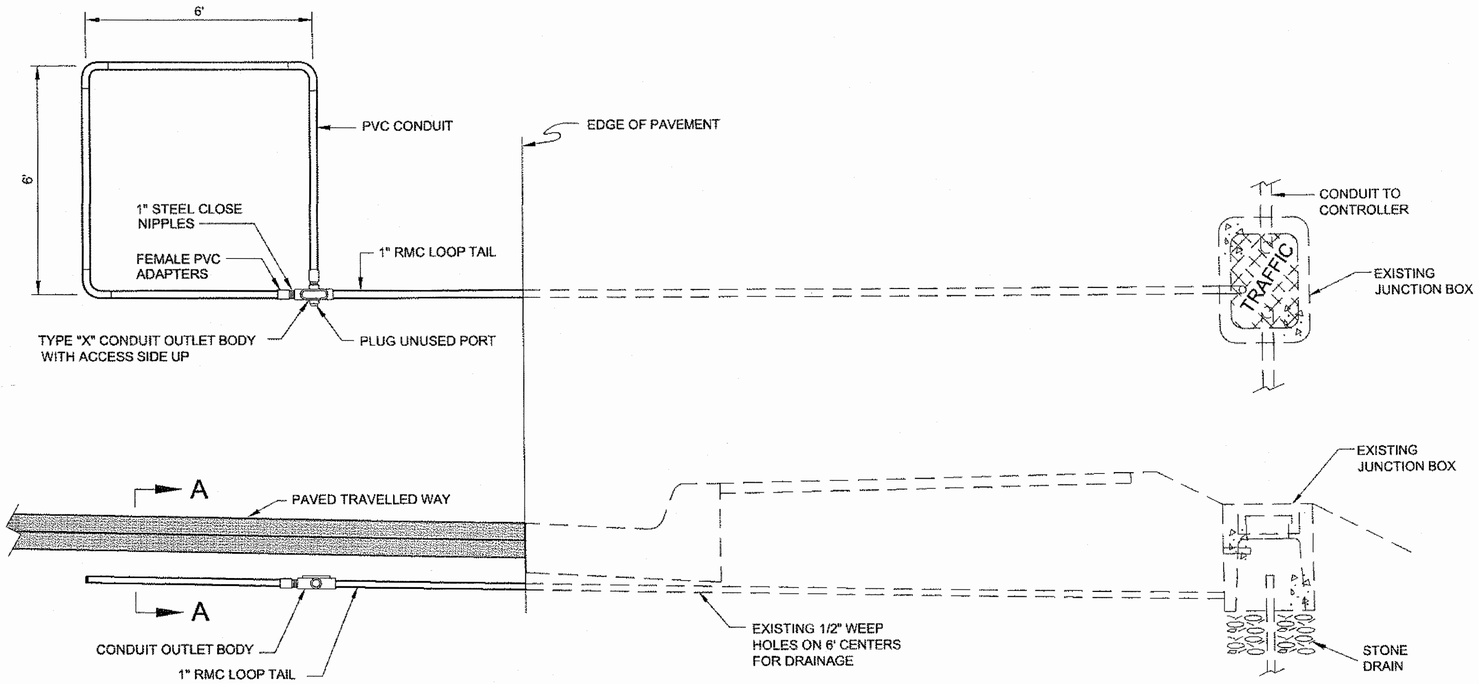
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA
PAVEMENT REHABILITATION
PROJECT #67425

PTR-LOOP DETECTOR
PLAN VIEW

PROJECT DESIGNATION
NH-STP-0003(162)~67425

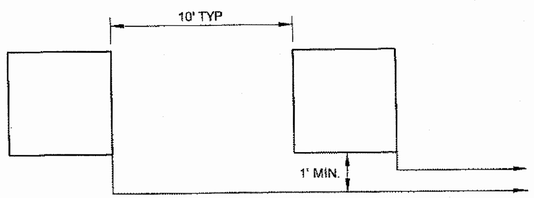
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
Q1	36



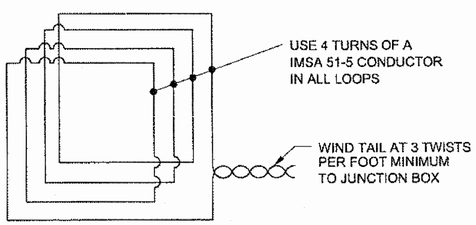
SHOULDER SECTION

GENERAL NOTES:

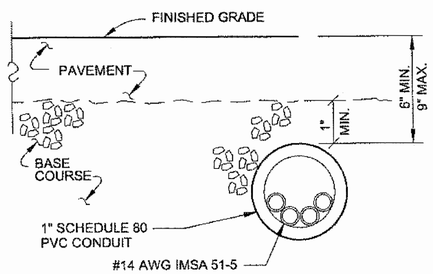
1. REPLACE ALL TRAFFIC LOOPS MARKED FOR REPLACEMENT AS SHOWN ON SHEET Q1. REPLACE OR REPAIR ALL TRAFFIC LOOPS DAMAGED DURING CONSTRUCTION.
2. EACH LOOP DETECTOR SHALL CONSIST OF A SINGLE PIECE OF #14 AWG IMSA 51-5 DUCTED CONDUCTOR INSTALLED IN 1" SCHEDULE 80 PVC CONDUIT. FORM ALL LOOPS 6 FEET SQUARE, SOLVENT WELDING ALL PVC TO PVC JOINTS. USE TYPE X CONDUIT OUTLET BODIES THAT ARE MADE OF HOT DIP GALVANIZED STEEL TO JOIN THE LOOPS AND TAILS.
3. INSTALL 4 TURNS OF IMSA 51-5 DUCTED CONDUCTOR IN ALL LOOPS AND PROVIDE TAILS THAT EXTEND TO THE JUNCTION BOX SPECIFIED ON THE PLANS. USE #14 AWG CONDUCTOR IN A POLYETHYLENE TUBE CONFORMING TO IMSA SPECIFICATION 51-5. WIND THE TAIL CONDUCTORS TOGETHER AT A RATE OF 3 TWISTS PER FOOT.
4. INSTALL ALL LOOP DETECTORS SLOPED TO DRAIN INTO THE JUNCTION BOX THE LOOP TAIL ENTERS.
5. LOOP TAILS SHALL NOT CROSS LOOP CONDUITS.
6. TEST ALL LOOP DETECTORS FOR CONTINUITY AND INSULATION INTEGRITY PRIOR TO SEALING THE LOOPS UNDER ASPHALT.
7. ALL NEW CONDUIT EXCEPT FOR THE LOOP DETECTORS SHALL BE RIGID METAL (RMC).



TYPICAL PLAN VIEW OF MULTIPLE LOOP INSTALLATION



LOOP WIRING DETAIL



SECTION A-A

TYPICAL PVC CONDUIT ENCASED LOOP DETECTOR INSTALLATION

FOR INSTALLATION UNDER NEW PAVEMENT

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.

Proj. Eng. [signature] Date 3/2/18

CHECKED BY: D. LESTER

STATE OF ALASKA 49th David Bruce Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER 9.14.12

DESIGNED BY: D. EPSTEIN

DRAWN BY: R. GRANTHAM

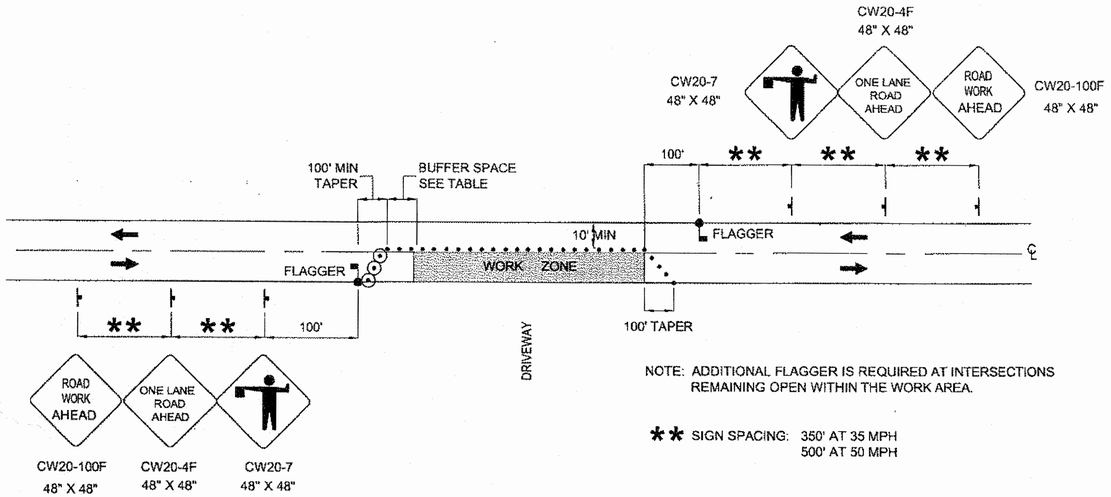
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

PTR-LOOP DETECTOR DETAILS

PATH: Q:\WRG\67425\PLANSET\67425_Q2_LOOP DETS.DWG
TAB: Q2 Friday, September 14, 2012 1:46:30 PM GRANTHAM, RICK L (DOT)

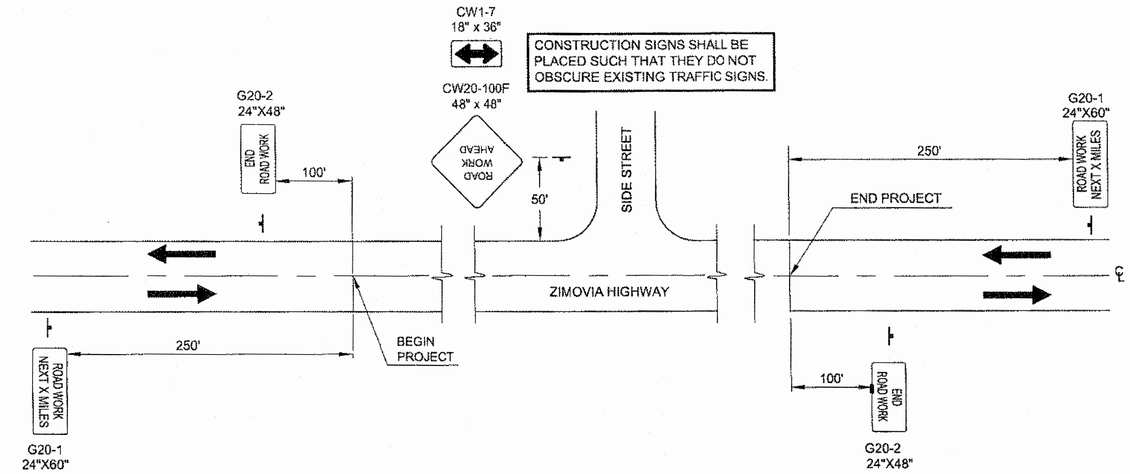
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	Q2	36



NOTE: ADDITIONAL FLAGGER IS REQUIRED AT INTERSECTIONS REMAINING OPEN WITHIN THE WORK AREA.

** SIGN SPACING: 350' AT 35 MPH
500' AT 50 MPH

TWO LANE ROADWAY-SINGLE LANE CLOSURE

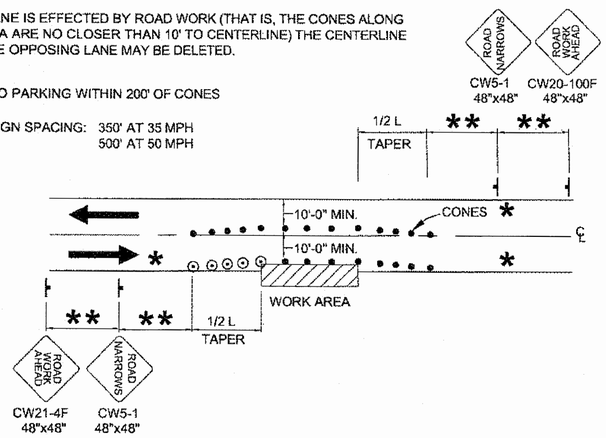


PERMANENT CONSTRUCTION SIGNING

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.

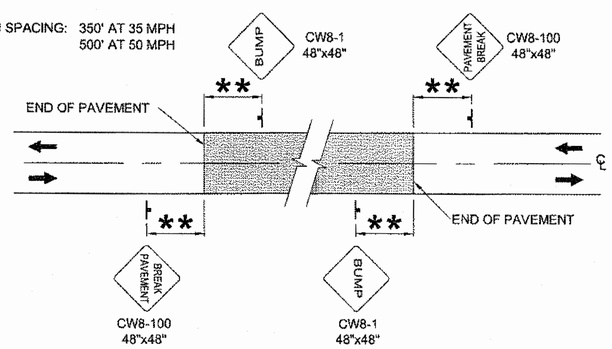
* NO PARKING WITHIN 200' OF CONES

** SIGN SPACING: 350' AT 35 MPH
500' AT 50 MPH



ROADWAY ENCROACHMENT

** SIGN SPACING: 350' AT 35 MPH
500' AT 50 MPH



SIGNING FOR UNPAVED AREA

TCP SETUP TABLE

	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
SPEED (MPH)	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

LEGEND

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

TRAFFIC CONTROL NOTES

1. MINIMUM OF ONE LANE SHALL REMAIN OPEN AT ALL TIMES IN WORK AREAS.
2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'-0".
3. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED.
4. CHANNELIZATION DEVICES IF USED AT NIGHT SHALL BE LIT IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL.
5. DRIVEWAYS MAY BE CLOSED DURING ACTUAL WORK ON A GIVEN DRIVEWAY, PROVIDED THAT THE CLOSURE DOES NOT EXCEED 8 HOURS AND THE AFFECTED RESIDENTS HAVE BEEN GIVEN 24 HOURS NOTICE OF THE CLOSURE.
6. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. PLANS FOR CONFIGURATIONS NOT COVERED BY THE TCP SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE DETAILS FROM THESE SHEETS.
7. ALL TRAFFIC CONTROL PLANS SUBMITTED BY THE CONTRACTOR SHALL BE NUMBERED. ALL TRAFFIC CONTROLL PLANS THAT USE A TYPICAL APPLICATION AS DESCRIBED IN THE MUTCD SHALL REFERENCE THE TYPICAL APPLICATION. EXAMPLE: TCP 3, MUTCD TA-10.
8. THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS 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. INSTALL DOUBLE TRAFFIC FINE SIGNS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings have been reviewed by the Project Engineer. To the best of his/her knowledge, they represent the project as constructed.
Proj. Eng [signature] Date 3/2/18

CHECKED BY: D. EPSTEIN

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

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

WRG-ZIMOVIA PAVEMENT REHABILITATION PROJECT #67425

TRAFFIC CONTROL PLAN

PATH: Q:\WRG\67425\PLANSET\67425_T1_TRAFF-CNTL.DWG
TAB: T1 Thursday, December 13, 2012 11:21:11 AM GRANTHAM, RICK L (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-STP-0003(162)~67425	2012	T1	36