State of Alaska

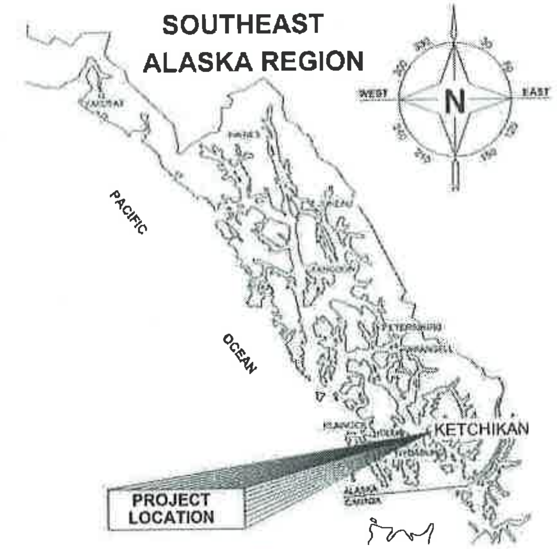
Department of Transportation and Public Facilities
Southeast Region

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

January 20, 2015

KETCHIKAN, ALASKA
SOUTH TONGASS PAVING
STP-NH-0902(040)~67674

COLLINS ROAD GUARDRAIL HSIP
PROJECT NO. 0902041 ~ 68412



As-Built Plans
Project Engineer: Mandi Bolshakoff
Contractor: Secon, Inc
Begin Work: March 23, 2015
End Work: June 26, 2016

INDEX

SHEET NO.	DESCRIPTION
AA1	COMBINED TITLE SHEET
BB1	COMBINED ESTIMATE OF QUANTITIES
	SOUTH TONGASS PAVING
A1	TITLE SHEET
A2-A8	SURVEY CONTROL
A9	LAYOUT PLAN
B1-B2	TYPICAL SECTIONS & DETAILS
C1	ESTIMATE OF QUANTITIES
D1-D4	SUMMARIES
F1-F15	PLAN VIEW
G1-G4	SUPERELEVATION PROFILE
H1-H15	SIGNING & STRIPING
P1-P15	EROSION & SEDIMENT CONTROL PLAN
T1	TRAFFIC CONTROL
	COLLINS ROAD GUARDRAIL HSIP
A1	TITLE SHEET
B1	TYPICAL SECTION
C1	ESTIMATE OF QUANTITIES
E1	PARALLEL GUARDRAIL TERMINAL DETAILS
F1	PLAN VIEW
S1	TRAFFIC CONTROL
	Asbuilts

ROUTE: 291400 MILEPOINT: 10.5 TO 15.14

PATH: Q:\KTN\67674\PLANSET\67674_AA1_TSHT.DWG TAB:A1
Wednesday, October 01, 2014 8:07:14 AM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

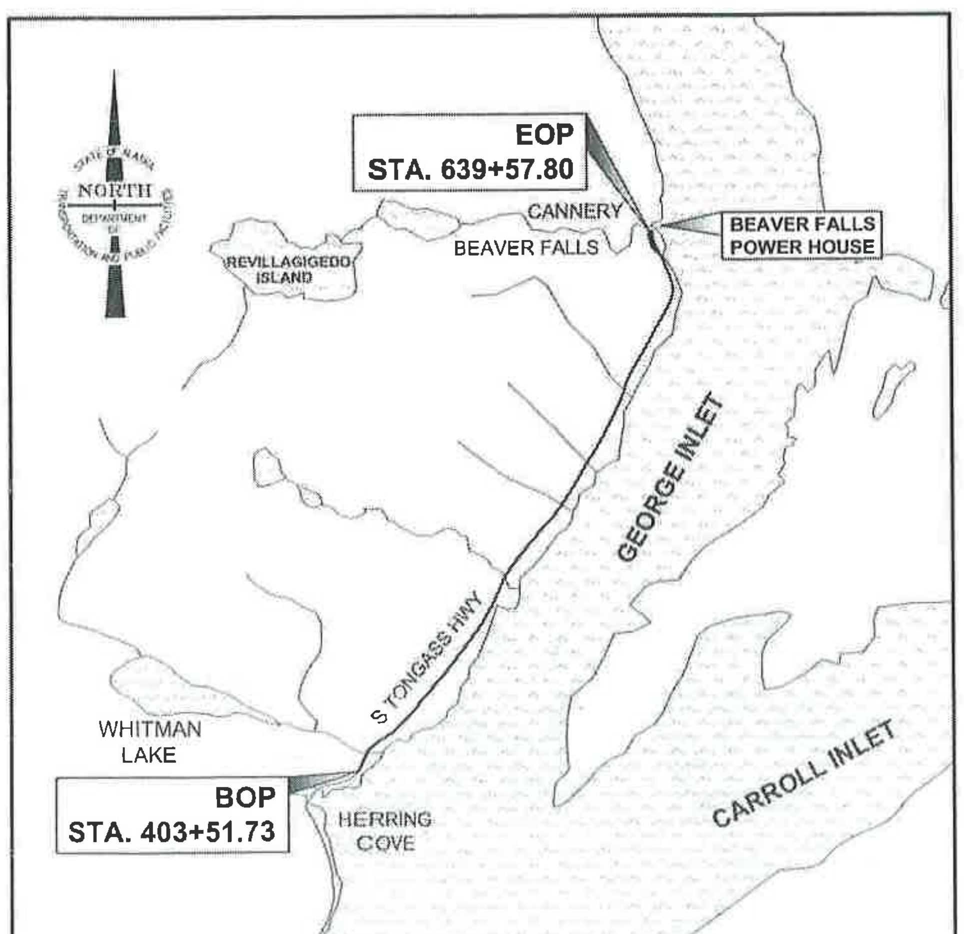
11/6/14 11-6-14

APPROVED: [signature] 11/6/14
REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
L. PAT CARROLL, P.E.

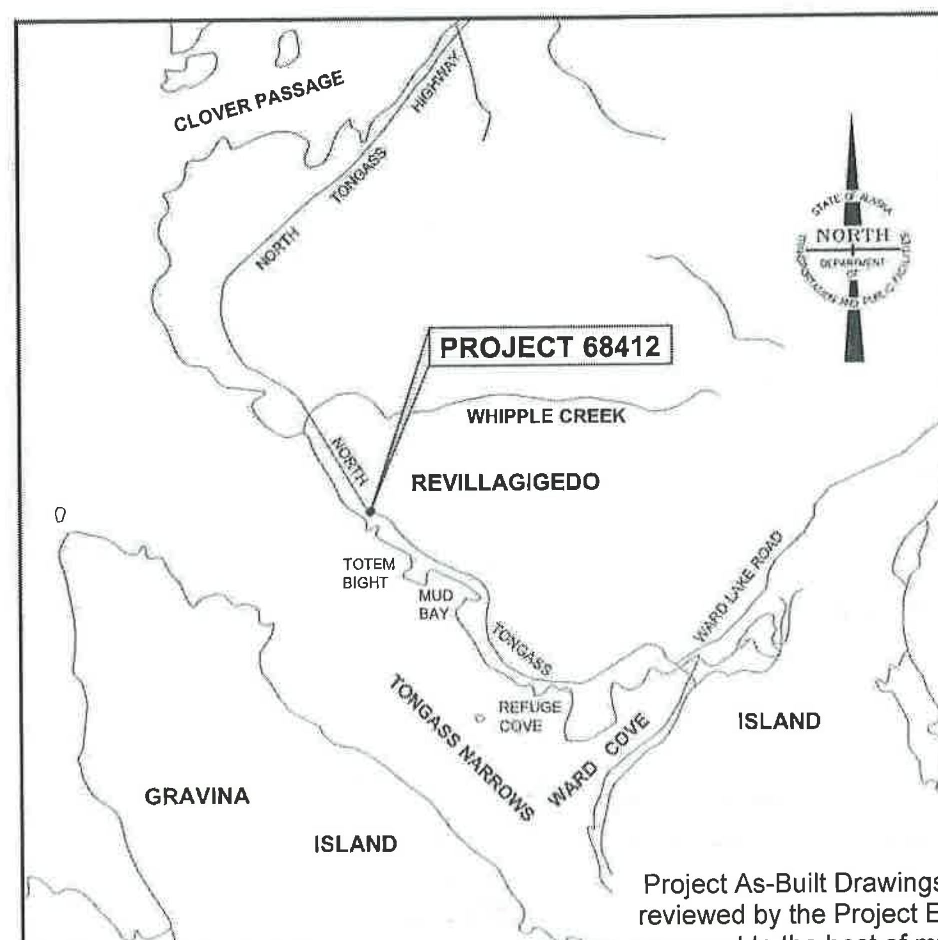
APPROVED: [signature] 11/6/14
DIRECTOR OF DESIGN & CONSTRUCTION — DATE
CHUCK CORREA, P.E.

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:
[redacted]
CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET	TOTAL
ALASKA	STP-NH-0902(040)~67674	2014	AA1	74
ALASKA	0902041~68412	2014		



VICINITY MAP



VICINITY MAP

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE MB Date 12/1/14

Addendum #2; Attachment #2

COMBINED ESTIMATE OF QUANTITIES

ITEM NO	ITEM DESCRIPTION	PAY UNIT	KTN-S TONGASS PAVING PROJECT NO. 67674 PLAN QUANTITY	KTN- COLLINS ROAD GUARDRAIL HSIP PROJECT NO. 68412 PLAN QUANTITY	COMBINED TOTALS
201 (3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
201 (7)	INVASIVE SPECIES CONTROL, REMOVAL, AND DISPOSAL	SQUARE YARD	6,487.62	0	6,487.62
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	66.74	0	66.74
202 (13)	ABANDON AND FILL EXISTING PIPE	EACH	1	0	1
203 (6A)	BORROW, TYPE A	TON	51.49	0	51.49
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	11,723.27	0	11,723.27
303 (3)	LINEAR GRADING	STATION	265	0	265
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	TON	9,754.78	0	9,754.78
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	487.74	0	487.74
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0	ALL REQUIRED
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	0	ALL REQUIRED
603 (22-15)	14 INCH LINER PIPE	LINEAR FOOT	119.3	0	119.3
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	381.75	256	637.75
606 (6)	REMOVING AND DISPOSING GUARDRAIL	LINEAR FOOT	482.5	0	482.5
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	2	2	4
606 (15)	ADJUST EXISTING GUARDRAIL	LINEAR FOOT	20,257	0	20,257.0
615 (1)	STANDARD SIGN	SQUARE FOOT	382.28	0	382.28
618 (2)	SEEDING	ACRE	0	0	0
619 (3)	BONDED FIBER MATRIX (BFM)	POUND	0	0	0
639 (3)	APPROACH	EACH	21	0	21
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, PER DIEM	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED	0	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
642 (8)	ADJUST EXISTING MONUMENT	EACH	0	0	0
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	1	0	1
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
644 (1)	FIELD OFFICE DELETED	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
644 (2)	FIELD LABORATORY DELETED	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
644 (15)	NUCLEAR TESTING EQUIPMENT STORAGE SHED DELETED	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
646 (1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	0	ALL REQUIRED
670 (8)	RECESSED PAVEMENT MARKER	EACH	433	0	433

Items added by change order:

401(9)	Asphalt Price Reduction For Unacceptable Asphalt	Lumpsum	All Required
610(1)	Ditch Lining	Lump Sum	All Required
642(3)	Three Person Survey	Hour	36.2

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

PE MJ Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER MJ VAN ALSTINE CE-11802 11/26/14

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER Dodd Brookover CE-6868 11/25/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

PATH: Q:\KTN\67674\PLANSET\ADDENDUM 1\67674_BB1_EST.DWG

TAB: BB1 Wednesday, November 26, 2014 11:16:49 AM

GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

ADDENDUM 2
COMBINED ESTIMATE OF QUANTITIES

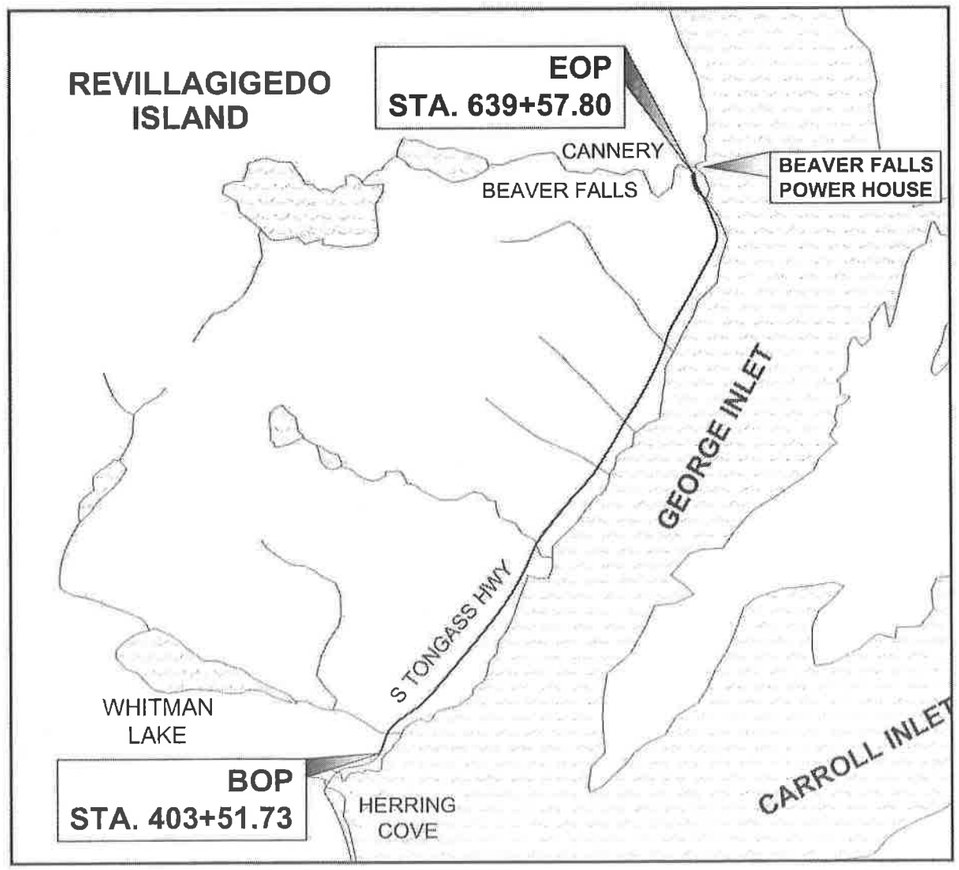
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-NH-0902(040)-67674	2014	BB1	74

State of Alaska

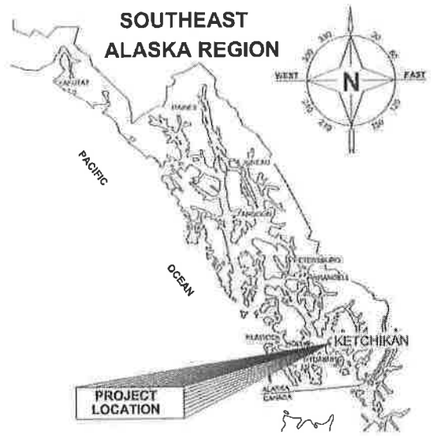
Department of Transportation and Public Facilities Southeast Region

KETCHIKAN, ALASKA
SOUTH TONGASS PAVING

STP-NH-0902(040)~67674



VICINITY MAP



As Advertised:

November 7, 2014

DESIGN DESIGNATION

PROJECT TYPE	=	GRAVEL TO BLACK
A.D.T. 2010	=	130
A.D.T. 2025	=	140
D.H.V. (10.7%) 2010	=	10
D.H.V. (10.7%) 2025	=	50
% T	=	6.2
V	=	50 MPH
E.A.L.	=	50,000

PROJECT SUMMARY

LENGTH OF PROJECT	=	23,606 FT
LENGTH OF PAVING	=	23,433 FT
WIDTH OF PAVING	=	25 FT

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

PE _____ Date 12/11/15

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	G-00.02	I-81.00	M-13.01	S-00.11	T-06.00
C-04.12	G-04.10W		M-16.01	S-01.00	T-21.03
C-05.20	G-10.01			S-05.01	
E-13.00	G-15.10			S-20.10	
	G-20.11				

INDEX

ROUTE: 291400 **MILEPOINT:** 10.5 TO 15.14

PATH: Q:\KTN\67674\PLANSET\67674_A1 TSHT.DWG TAB:A1

Wednesday, July 30, 2014 1:37:29 PM

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49TH — JAMES VAN ALSTINE CE-11502 REGISTERED PROFESSIONAL ENGINEER

11/6/14

APPROVED: _____ 11/6/14

REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
L. PAT CARROLL, P.E.

APPROVED: _____ 11/6/14

DIRECTOR OF DESIGN & CONSTRUCTION — DATE
CHUCK CORREA, P.E.

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

CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-NH-0902(040)~67674	2014	A1	66

HORIZONTAL CONTROL

Horizontal Control for this project is based on the DOT/PF South Tongass Grid 2000. The intent of this local ground distance based coordinate system is to relate it to Alaska State Plane while preserving ground distances.

The DOT/PF Ketchikan South Tongass Grid -2000 System is a local ground coordinate system based at DOT/PF GPS control station 95-K-4 (#36). It relates to AKSPC zone 1 NAD83 (92) through the following parameters:
Zone = NAD83 AKSPC ZONE 1
Grid Scale = 0.999900264
Convergence = +1°44'48"
Translation about DOT/PF control point 95-K-4 as follows:
AKSPC Northing = 1277612.22594 FT US
AKSPC Easting = 3117379.86890 FT US
Local Northing = 328083.33333 FT US
Local Easting = 656166.66667 FT US

Project Specific Basis of Horizontal Control

95-K-4 : 2" Brass Cap located in the breakwater of Saxman harbor.

NAD83(1992) Lat 55°18'51.8820" N Lon 131°35'43.1545"W
KTN_S-Tongass-Grid N 328083.3333' E 656166.6667'
AKSPC N =1277612.22594' E=3117379.86890'

95-K-6 : 2" Brass Cap in bedrock on beach located adjacent to 2976 S. Tongass

NAD83(1992) Lat 55°18'49.0933"N Lon 131°35'23.7309"W
KTN_S-Tongass-Grid N 327799.9386' E 657290.4836'
AKSPC N 1277363.2420' E 3118511.6888'

VERTICAL CONTROL

The Vertical Datum for Ketchikan South Tongass Grid 2000 is Mean Lower Low Water based on levels from the National Ocean Service Benchmark NO. 37. The record elevation for NO. 37 is 35.09' above MLLW based on the 1960-1978 tidal epoch for tide station 9450460. The project specific basis of vertical control is point #36 "95-K-4" with an observed elevation of 22.21' above MLLW.

See Change Order 1

A2 Survey Control

Point #	Northing	Easting	Elevation	Description	Station	Offset
240	332404.81	670699.64	31.14	BC_SH_MON	N\A	N\A
241	332628.35	670965.08	32.52	BC_SH_MON	N\A	N\A
242	332706.20	671653.12	47.50	BC_SH_MON	405+08.90	12.12R
470	334097.16	672870.79	76.31	REBAR_FND	423+81.21	32.99L
501	333394.06	672363.44	80.03	REBAR_SET	415+10.61	21.13L
505	334997.63	674704.48	112.20	PLASCAP_FND_885	444+71.32	24.13R
506	335304.36	675020.29	105.39	REBAR_SET	449+05.64	17.97R
510	336651.27	675664.87	100.09	ALCAP2"_472	464+38.46	21.21R
512	337672.98	676036.15	126.80	ALCAP2"_473	475+32.82	34.02L
516	339597.26	676925.23	124.16	REBAR_474	496+94.17	17.38L
517	340436.70	677426.06	156.71	ALCAP2"_475	506+70.67	19.42L
518	341066.79	678209.11	143.38	ALCAP2"_476	516+71.75	15.46R
519	341861.45	678701.94	100.19	ALCAP2"_477	526+03.49	16.15L
520	342400.66	679240.27	87.89	REBAR_FND	533+63.72	18.70R
529	346790.03	681139.39	69.04	ALCAP2"_482	583+64.72	21.46L
530	347547.23	681532.57	69.78	ALCAP2"_483	592+62.73	26.57R
531	348328.93	681857.76	78.58	ALCAP2"_484	600+70.94	18.12L
532	348866.80	682376.82	93.20	ALCAP2"_485	608+16.26	16.84R
533	349530.69	682572.92	105.08	ALCAP2"_486	615+30.90	14.09R
534	350097.64	682770.58	122.92	ALCAP2"_487	621+15.39	4.90R
535	350478.95	682741.41	127.40	ALCAP2"_488	624+96.51	15.56R
536	351056.40	682518.86	121.66	ALCAP2"_489	631+13.65	15.69R
537	351626.69	682094.27	86.02	ALCAP2"_SET	638+20.61	24.15L

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE NB Date 12/11/15

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

EXCEPT 240,241 & 242 WHICH ARE EXISTING SHOULDER MONUMENTS AND NEED TO BE PRESERVED. IF SAID MONUMENTS ARE TO BE DISTURBED THEY NEED TO REFERENCED AND REPLACED IN THEIR ORIGINAL HORIZONTAL POSITION AFTER CONSTRUCTION

PATH: Q:\KTN\67674\PLANSET\67674_A2-A8_SV CNTL.DWG
SEIFERT, LOLITA T (DOT)
TAB: A2 Wednesday, November 05, 2014 7:3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA 49TH Daniel M. Ignotov OCT 22, 2014 No. 11298 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: J.PAPOI
DRAWN BY: J.PAPOI

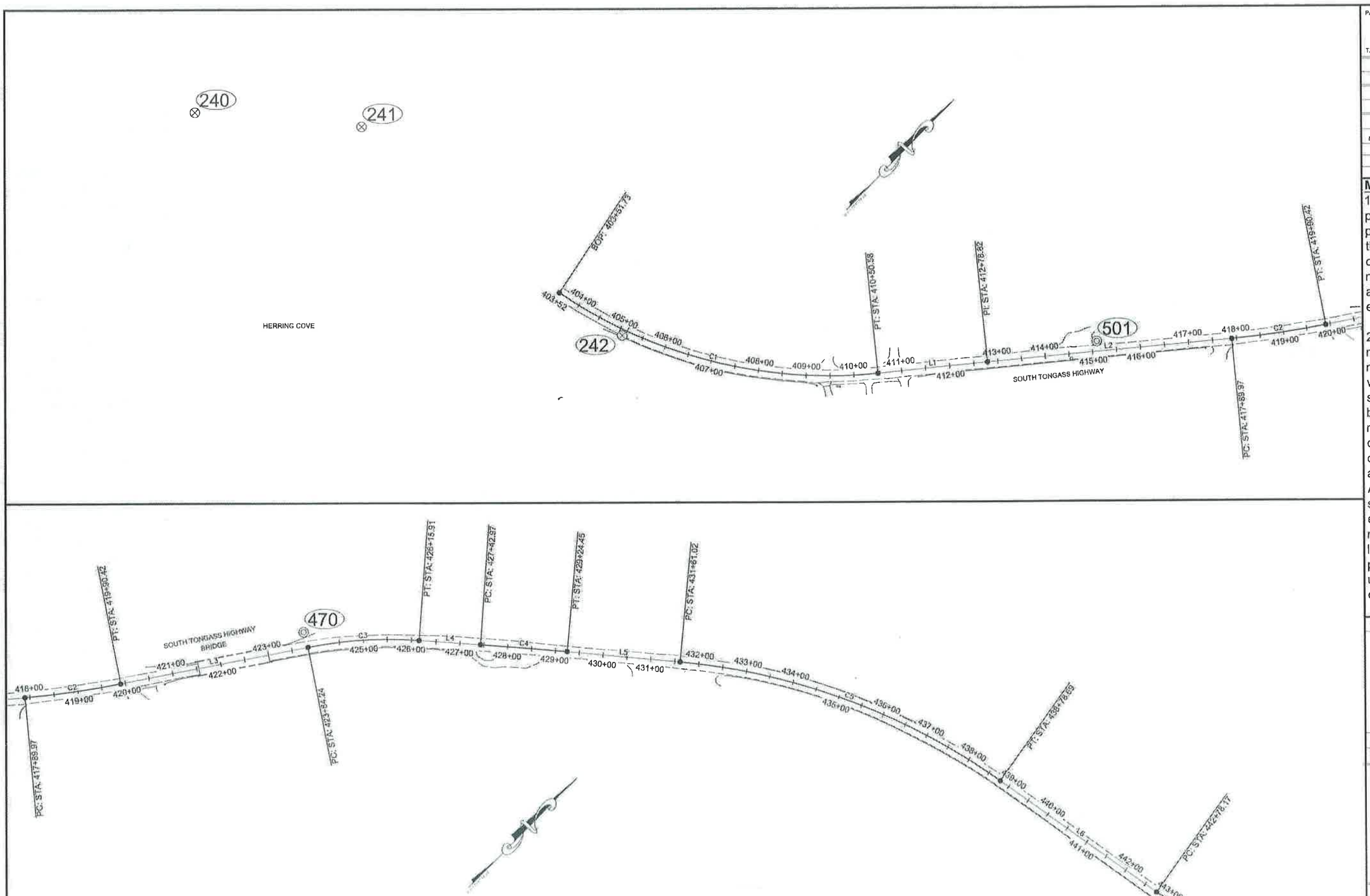
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SURVEY CONTROL

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A2	66



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

PE _____ Date 12/11/15

PATH: Q:\KTN\67674\PLANSET\67674_A2-A6_SV CNTL.DWG

SEIFERT, LOLITA T (DOT)

TAB: A3 Wednesday, November 05, 2014 7:0

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA 49TH
Daniel M. Ignotov
OCT 22, 2014
No. 11296
REGISTERED LAND SURVEYOR

DESIGNED BY: J.PAPOI

DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

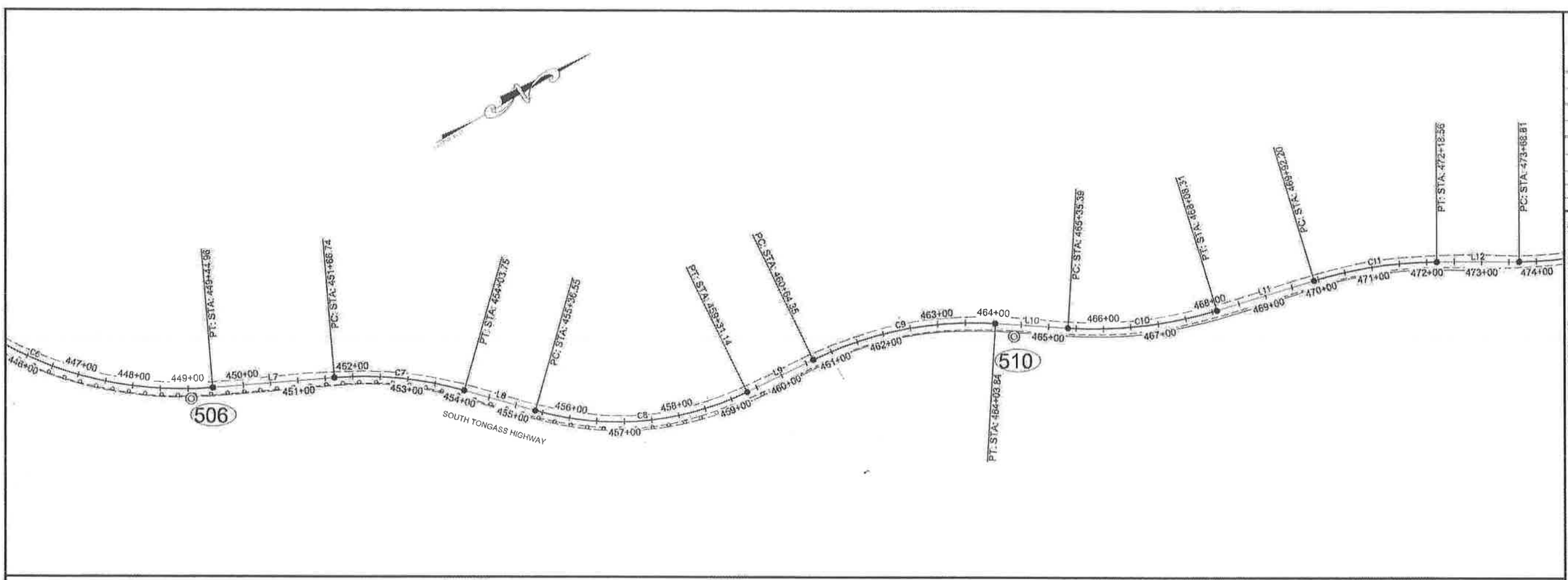
KTN-SOUTH TONGASS PAVING PROJECT #67674

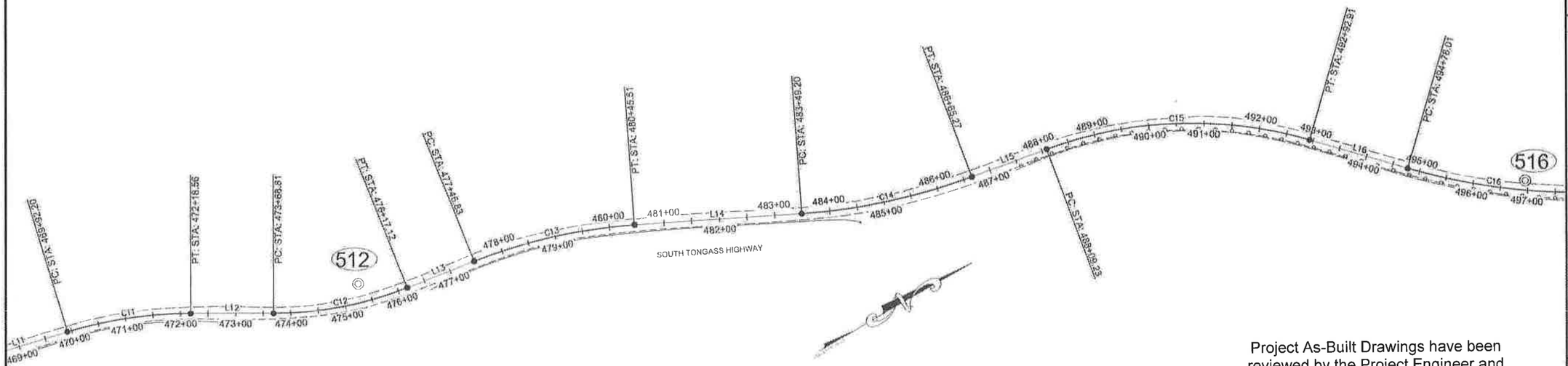
SURVEY CONTROL

PROJECT DESIGNATION

STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A3	66





PATH: Q:\KTN\67674\PLANSET\67674_A2-A8_SV CNTL.DWG

SEIFERT, LOLITA T (DOT)
TAB: A4 Wednesday, November 05, 2014 7:3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA
49TH
Daniel M. Ignotov
OCT 22, 2014
No. 11298
REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: J.PAPOI

DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

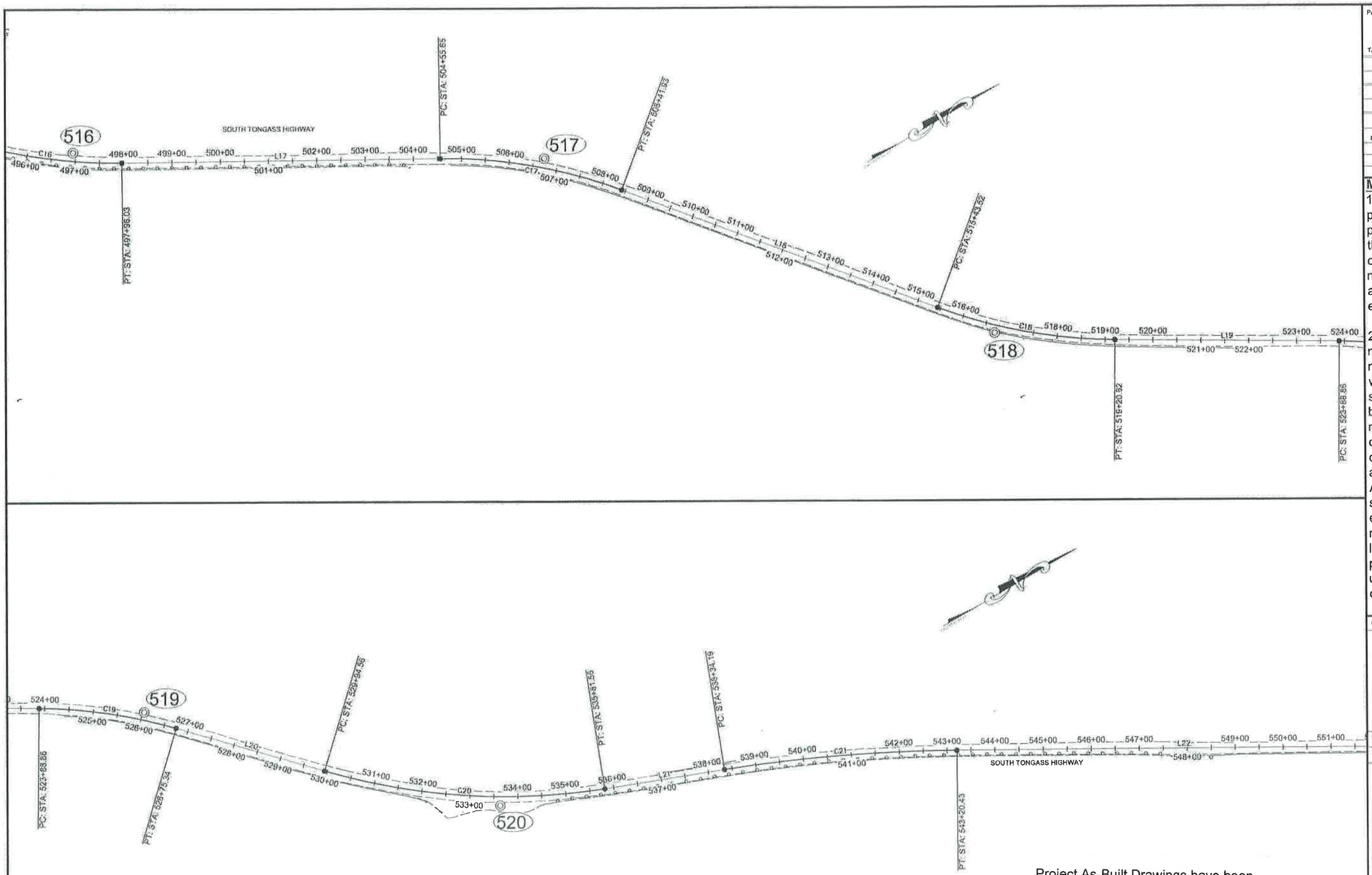
SURVEY CONTROL

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A4	66

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

PE _____ Date 12/11/15



PATH: Q:\KTN\67674\PLANSET\67674_A2-A8_SV CNTL.DWG

SEIFERT, LOLITA T (DOT)
TAB: A5 Wednesday, November 05, 2014 7:3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA
49 TH
Daniel M. Ignotov
OCT 22, 2014
No. 11296

DESIGNED BY: J.PAPOI

DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

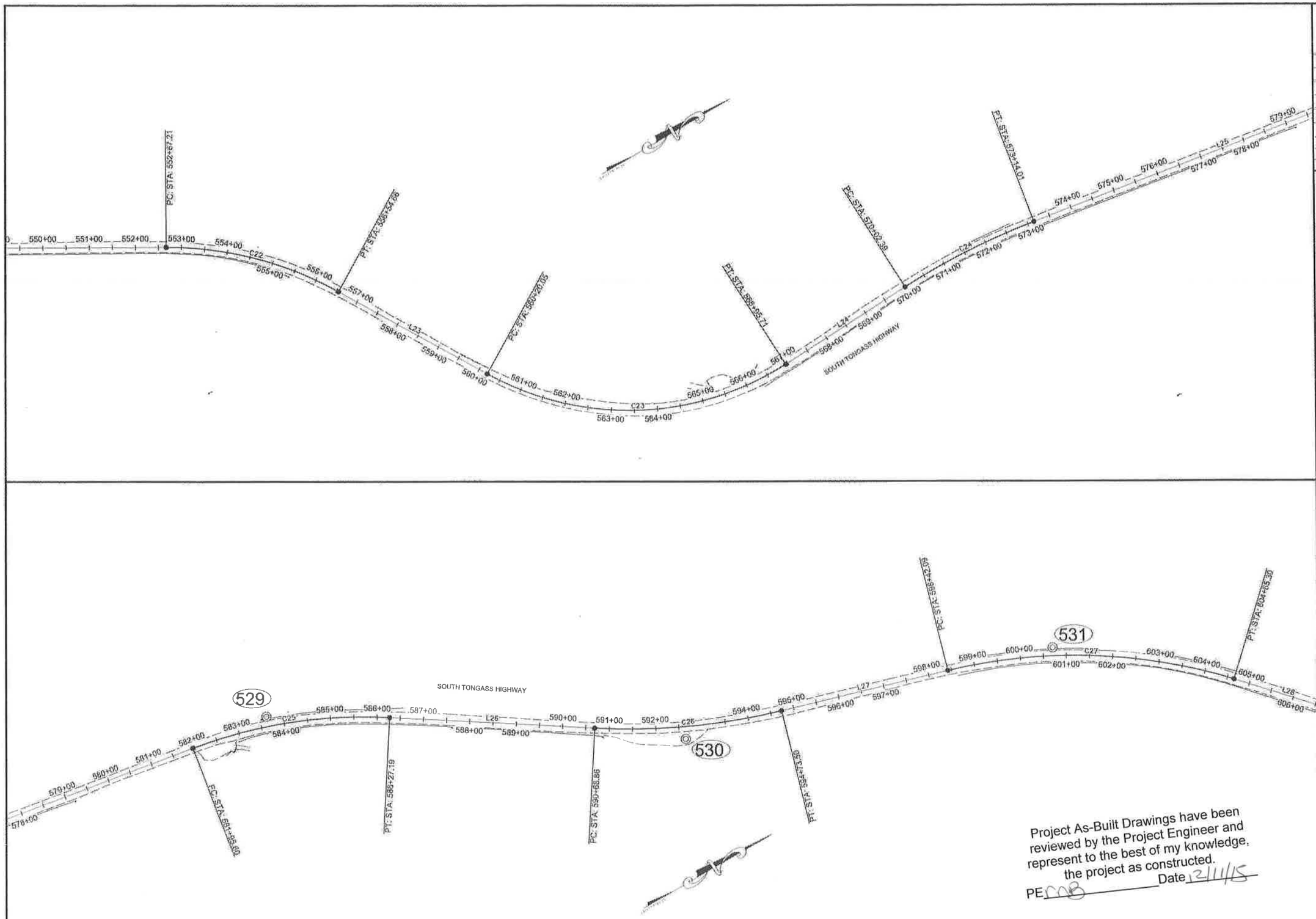
KTN-SOUTH TONGASS PAVING
PROJECT #67674

SURVEY CONTROL

PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A5	66

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

PE _____ Date 12/11/15



PATH: Q:\KTN\67674\PLANSET\67674_A2-A6_SV CNTL.DWG

SEIFERT, LOLITA T (DOT)
TAB: A6 Wednesday, November 05, 2014 7:2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established In their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA
49 TH
Daniel M. Ignotov
OCT 22, 2014
No. 11290
REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: J.PAPOI

DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SURVEY CONTROL

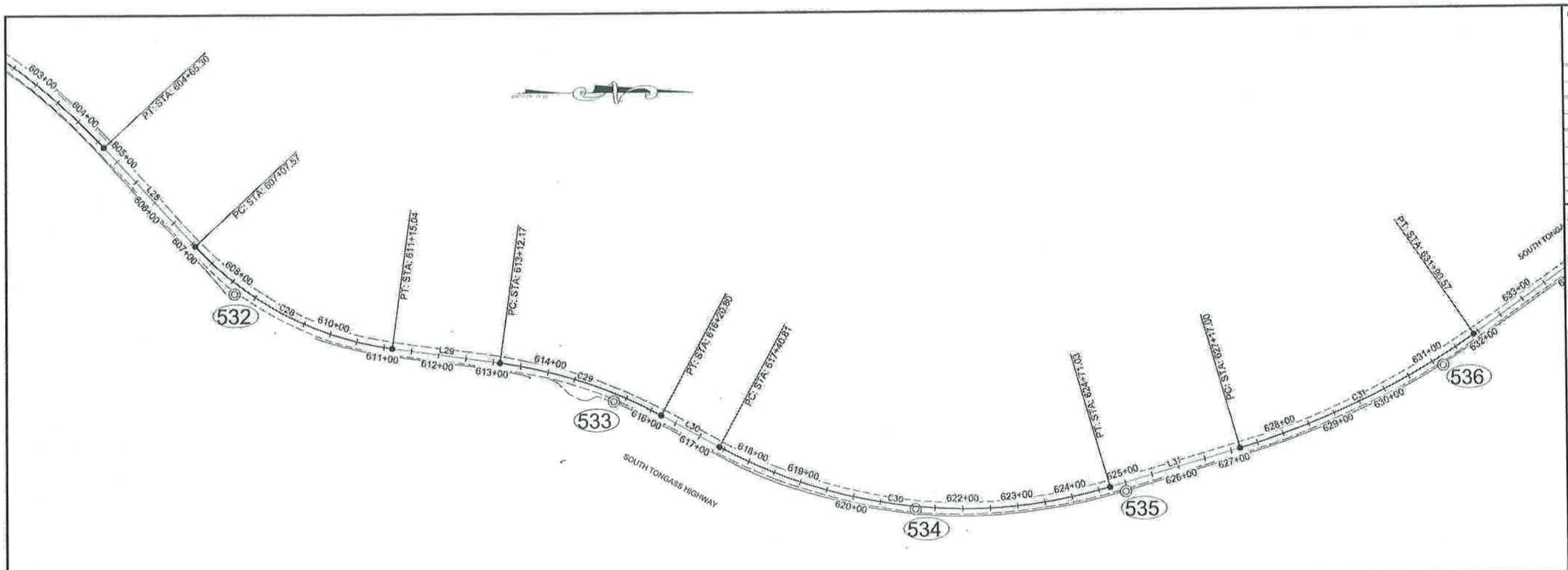
PROJECT DESIGNATION

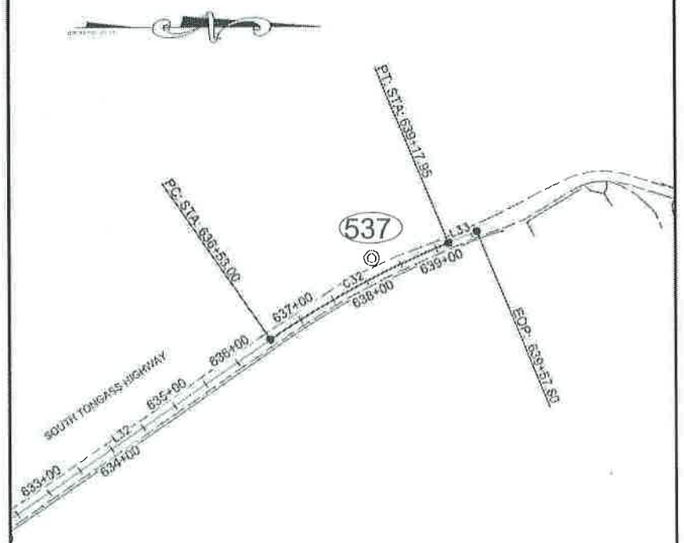
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A6	66

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

PE CAB Date 12/11/15





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

EXCEPT 240,241 & 242 WHICH ARE EXISTING SHOULDER MONUMENTS AND NEED TO BE PRESERVED. IF SAID MONUMENTS ARE TO BE DISTURBED THEY NEED TO REFERENCED AND REPLACED IN THEIR ORIGINAL HORIZONTAL POSITION AFTER CONSTRUCTION

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

PE _____ Date 12/11/15

See change order 1

A2 Survey Control

Point #	Northing	Easting	Elevation	Description	Station	Offset
240	332404.81	670699.64	31.14	BC_SH_MON	N\A	N\A
241	332628.35	670965.08	32.52	BC_SH_MON	N\A	N\A
242	332706.20	671653.12	47.50	BC_SH_MON	400+08.90	12.12R
470	334097.16	672870.79	76.31	REBAR_FND	423+81.21	32.99L
501	333394.06	672363.44	80.03	REBAR_SET	415+10.61	21.13L
505	334997.63	674704.48	112.20	PLASCAP_FND_885	444+71.32	24.13R
506	335304.36	675020.29	105.39	REBAR_SET	449+05.64	17.97R
510	336651.27	675664.87	100.09	ALCAP2"_472	464+38.46	21.21R
512	337672.98	676036.15	126.90	ALCAP2"_473	475+32.82	34.02L
516	339597.26	676925.23	124.16	REBAR_474	496+94.17	17.38L
517	340436.70	677426.06	156.71	ALCAP2"_475	506+70.67	19.42L
518	341066.79	678209.11	143.38	ALCAP2"_476	516+71.75	15.46R
519	341861.45	678701.94	100.19	ALCAP2"_477	526+03.49	16.15L
520	342400.66	679240.22	87.89	REBAR_FND	533+63.72	18.70R
529	346790.03	681139.39	69.04	ALCAP2"_482	583+64.72	21.46L
530	347547.23	681632.57	69.78	ALCAP2"_483	592+62.73	26.57R
531	348328.93	681857.76	78.58	ALCAP2"_484	600+70.94	18.12L
532	348866.80	682376.82	93.20	ALCAP2"_485	608+16.26	16.84R
533	349550.69	682572.92	105.08	ALCAP2"_486	615+30.90	14.09R
534	350097.64	682770.59	122.92	ALCAP2"_487	621+15.39	4.90R
535	350478.95	682741.41	127.40	ALCAP2"_488	624+96.51	15.56R
536	351056.40	682518.86	121.66	ALCAP2"_489	631+13.65	15.69R
537	351626.69	682094.27	86.02	ALCAP2"_SET	638+20.61	24.15L

PATH: Q:\KTN\67674\PLANSET\67674_A2-A8_SV CNTL.DWG

SEIFERT, LOLITA T (DOT)
TAB: A7 Wednesday, November 05, 2014 7:3

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA 49TH Daniel M. Ignotov OCT 22, 2014 No. 11296 REGISTERED LAND SURVEYOR

DESIGNED BY: J.PAPOI

DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SURVEY CONTROL

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A7	66

* See Change Order #1

SOUTH TONGASS DESIGN ALIGNMENT

TAG	STATION	NORTHING	EASTING	DISTANCE	BEARING	STATION	RADIUS	LENGTH	DELTA
C1	403+51.73	332676.20	671497.57			410+50.58	1005.00	698.85	39°50'30"
L1	410+50.58	333026.20	672086.23	228.25	N39° 20' 39"E	412+78.82			
C2	417+89.97	333594.78	672558.88			419+90.42	1955.00	200.45	5°52'29"
L3	419+90.42	333754.85	672679.40	393.83	N34° 02' 14"E	423+84.24			
C3	423+84.24	334081.20	672899.83			426+15.91	880.00	231.67	15°05'01"
L4	426+15.91	334254.00	673053.14	127.06	N49° 07' 16"E	427+42.97			
C4	427+42.97	334337.16	673149.20			429+24.45	8000.00	181.48	1°17'59"
L5	429+24.45	334454.36	673287.76	236.57	N50° 25' 15"E	431+61.02			
C5	431+61.02	334605.09	673470.09			438+78.69	1355.00	717.67	30°20'47"
L6	438+78.69	334898.17	674116.02	399.49	N80° 46' 02"E	442+78.17			
C6	442+78.17	334962.27	674510.33			449+44.96	688.00	666.79	55°31'45"
L7	449+44.96	335348.01	675022.27	221.78	N25° 14' 17"E	451+66.74			
C7	451+66.74	335548.62	675116.83			454+03.75	660.00	237.01	20°34'31"
L8	454+03.75	335740.47	675253.81	132.80	N45° 48' 48"E	455+36.55			
C8	455+36.55	335833.03	675349.04			459+31.14	540.00	394.59	41°52'02"
L9	459+31.14	336183.09	675511.38	133.21	N3° 56' 46"E	460+64.35			
C9	460+64.35	336315.98	675520.54			464+03.84	660.00	339.49	29°28'19"
L10	464+03.84	336634.05	675628.10	131.56	N33° 25' 05"E	465+35.39			
C10	465+35.39	336743.86	675700.55			468+08.31	765.00	272.92	20°26'27"
L11	468+08.31	336993.39	675807.48	183.88	N12° 58' 38"E	469+92.20			
C11	469+92.20	337172.58	675848.78			472+18.56	770.00	226.36	16°50'37"
L12	472+18.56	337382.57	675931.07	150.25	N29° 49' 15"E	473+68.81			
C12	473+68.81	337512.93	676005.79			476+17.12	660.00	248.31	21°33'23"
L13	476+17.12	337746.27	676086.33	129.70	N8° 15' 52"E	477+46.83			
C13	477+46.83	337874.63	676104.97			480+45.51	970.00	298.68	17°38'33"
L14	480+45.51	338159.00	676192.38	303.69	N25° 54' 24"E	483+49.20			
C14	483+49.20	338432.18	676325.07			486+65.27	1100.00	316.07	16°27'47"
L15	486+65.27	338732.29	676420.70	143.96	N9° 26' 37"E	488+09.23			
C15	488+09.23	338874.30	676444.32			492+92.91	755.00	483.68	36°42'20"
L16	492+92.91	339294.88	676666.04	185.10	N46° 08' 57"E	494+78.01			
C16	494+78.01	339423.12	676799.53			497+96.03	1085.00	318.01	16°47'36"
L17	497+96.03	339673.67	676993.53	659.62	N29° 21' 20"E	504+55.65			

SOUTH TONGASS DESIGN ALIGNMENT

TAG	STATION	NORTHING	EASTING	DISTANCE	BEARING	STATION	RADIUS	LENGTH	DELTA
C17	504+55.65	340248.58	677316.90			508+41.93	1050.00	386.28	21°04'42"
L18	508+41.93	340543.28	677563.26	701.60	N50° 26' 03"E	515+43.52			
C18	515+43.52	340980.17	678104.11			519+20.62	1090.00	377.09	19°49'19"
L19	519+20.62	341275.39	678347.91	468.25	N30° 36' 44"E	523+88.86			
C19	523+88.86	341678.38	678586.35			526+75.34	1040.00	286.48	15°46'57"
L20	526+75.34	341901.86	678764.14	319.22	N46° 23' 41"E	529+94.56			
C20	529+94.56	342122.02	678995.29			535+81.56	1333.00	587.00	25°13'51"
L21	535+81.56	342606.00	679319.03	252.62	N21° 09' 49"E	538+34.19			
C21	538+34.19	342841.58	679410.23			543+20.43	3262.00	486.24	8°32'26"
L22	543+20.43	343280.29	679618.87	946.78	N29° 42' 16"E	552+67.21			
C22	552+67.21	344102.66	680088.02			556+54.66	758.00	387.45	29°17'13"
L23	556+54.66	344376.72	680355.92	365.39	N58° 59' 28"E	560+20.05			
C23	560+20.05	344564.96	680669.08			566+95.71	628.90	675.66	61°33'22"
L24	566+95.71	345132.12	680973.36	306.69	N2° 33' 53"W	570+02.39			
C24	570+02.39	345438.50	680959.64			573+14.01	1513.50	311.62	11°47'48"
L25	573+14.01	345749.04	680977.73	881.59	N9° 13' 55"E	581+95.60			
C25	581+95.60	346619.21	681119.16			586+27.19	1039.00	431.59	23°48'01"
L26	586+27.19	347018.89	681273.64	441.66	N33° 01' 56"E	590+68.86			
C26	590+68.86	347389.17	681514.40			594+73.50	1400.00	404.65	16°33'38"
L27	594+73.50	347755.36	681683.23	368.58	N16° 28' 18"E	598+42.09			
C27	598+42.09	348108.82	681787.74			604+65.30	1160.00	623.22	30°46'57"
L28	604+65.30	348631.78	682112.79	242.27	N47° 15' 15"E	607+07.57			
C28	607+07.57	348796.22	682290.70			611+15.04	593.00	407.46	39°22'09"
L29	611+15.04	349150.35	682475.60	197.14	N7° 53' 06"E	613+12.17			
C29	613+12.17	349345.63	682502.64			616+20.80	854.00	308.62	20°42'21"
L30	616+20.80	349637.15	682598.71	120.02	N28° 35' 27"E	617+40.81			
C30	617+40.81	349742.53	682656.14			624+71.03	936.00	730.22	44°41'58"
L31	624+71.03	350450.16	682733.53	245.96	N16° 06' 31"W	627+17.00			
C31	627+17.00	350686.46	682665.28			631+90.57	1471.00	473.58	18°26'45"
L32	631+90.57	351112.66	682463.53	462.42	N34° 33' 16"W	636+53.00			
C32	636+53.00	351493.51	682201.25			639+17.95	1235.00	264.95	12°17'31"
L33	639+17.95	351726.10	682075.44	39.85	N22° 15' 45"W	639+57.80			

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

PE DMB Date 12/11/15

PATH: Q:\KTN\167674\PLANSET\167674_A2-A8_SV CNTL.DWG

SEIFERT, LOLITA T (DOT)

TAB: A8 Wednesday, November 05, 2014 7:3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

CHECKED BY: D.IGNOTOV

STATE OF ALASKA 49TH Daniel M. Ignotov OCT 22, 2014 No. 11296 REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: J.PAPOI

DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SURVEY CONTROL

PROJECT DESIGNATION

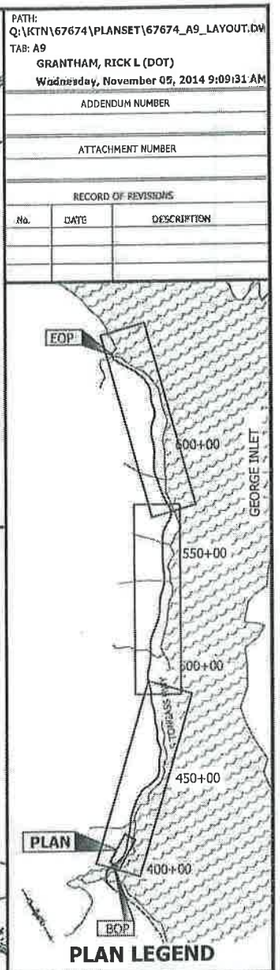
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A8	66

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

PE MB Date 2/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\ICTN\67674\PLANSET\67674_A9_LAYOUT.DW
TAB: A9
GRANTHAM, RICK L (DOT)
Wednesday, November 05, 2014 9:09:31 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 49th MI VAN ALSTINE CE-11802 REGISTERED PROFESSIONAL ENGINEER 11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

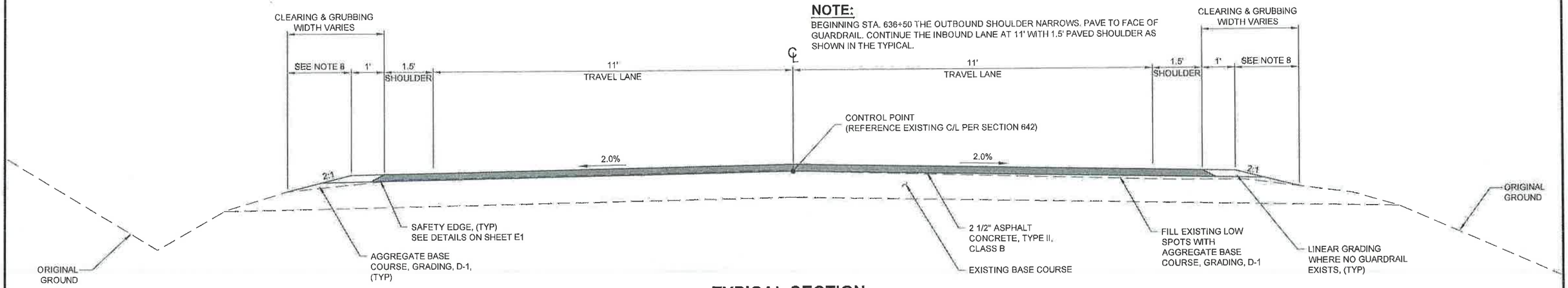
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

LAYOUT PLAN

PROJECT DESIGNATION
STP-NH-0902(040)~67674

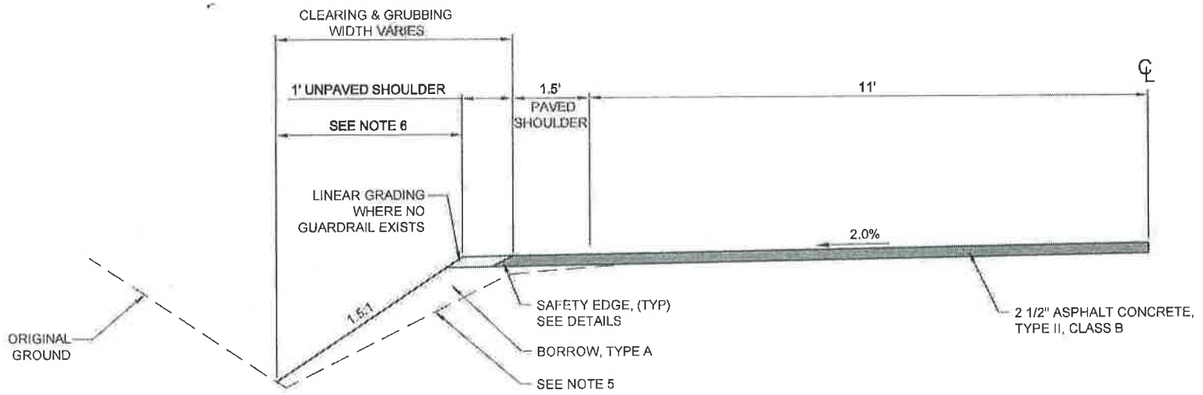
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
A9	66



NOTE:
BEGINNING STA. 636+50 THE OUTBOUND SHOULDER NARROWS. PAVE TO FACE OF GUARDRAIL. CONTINUE THE INBOUND LANE AT 11' WITH 1.5' PAVED SHOULDER AS SHOWN IN THE TYPICAL.

TYPICAL SECTION

STA. 405+00 TO STA. 639+33.18



SLIVER FILL TYPICAL SECTION

NTS

NOTES:

1. EXISTING ROADWAY IS UNPAVED.
2. REFER TO G-SHEETS FOR SUPERELEVATION PROFILE DATA.
3. FILLS ARE LOW AND DO NOT REQUIRE BENCHING. CLEAR SURFACE VEGETATION PRIOR TO PLACING FILL AGAINST THE EXISTING EMBANKMENT.
4. WATER LINES EXIST IN THE LEFT HAND SIDE OF THE ROAD AND UPHILL DITCH BETWEEN THE BOP AND WHITMAN CREEK BRIDGE. CONTACT KETCHIKAN GATEWAY BOROUGH TO REQUEST UTILITY LOCATIONS.
5. FILLS ARE LOW AND DO NOT REQUIRE BENCHING. CLEAR SURFACE VEGETATION PRIOR TO PLACING FILL AGAINST THE EXISTING EMBANKMENT (SEE SLIVER FILL LOCATIONS TABLE).
6. BONDED FABRIC MATRIX AND SEEDING LIMITS.
7. THE INTENT IS NOT TO RAISE OR LOWER THE CENTERLINE GRADE OF THE ROAD. THE INTENT IS TO PREPARE THE EXISTING ROADWAY SURFACE BY REGRADING TO ESTABLISH THE ROADWAY CROSS SLOPE AND SUPERELEVATION. SUPPLEMENT WITH BASE COURSE AS DIRECTED.
8. SLOPE EXCEPTIONS TABLE IS FOR AREAS WHERE SLOPES SHALL BE STEEPENED TO 1.5:1. THESE AREAS REQUIRE BONDED FIBER MATRIX AND SEEDING. Rock Line (IWA #1)

SLIVER FILL LOCATIONS TABLE

STATION FROM	STATION TO	OFF SET	STATION FROM	STATION TO	OFF SET
436+88	437+13	LT	459+38	459+63	LT
437+13	437+38	LT	459+63	459+88	LT
437+63	437+88	LT	459+88	460+13	LT
438+63	438+88	LT	460+13	460+38	LT
441+63	441+88	LT	464+13	464+38	LT
443+65	444+13	LT	464+63	464+88	LT
444+13	444+38	LT	464+88	465+13	LT
444+38	444+63	LT	465+13	465+38	LT
444+63	444+88	LT	475+13	475+38	LT
444+88	445+13	LT	476+00	477+25	LT
450+50	450+63	LT	492+88	493+13	LT
454+38	454+63	LT	526+13	526+38	LT
454+88	455+13	LT	528+63	528+88	LT
455+00	455+50	LT	541+13	541+38	LT
456+63	456+88	LT	575+38	575+63	LT
456+88	457+13	LT	575+63	575+88	LT
457+13	457+38	LT	575+88	576+13	LT
457+38	457+63	LT	576+13	576+75	LT
457+63	457+88	LT	590+13	590+38	LT
457+88	458+13	LT	627+63	627+88	LT
459+13	459+38	LT	629+13	629+38	LT

SLOPE EXCEPTIONS TABLE

STATION FROM	STATION TO	OFF SET	STATION FROM	STATION TO	OFF SET
409+50	410+25	LT	523+50	523+75	RT
417+75	420+50	RT	525+75	527+00	LT
424+50	426+00	LT	528+25	528+63	LT
438+25	438+50	LT	528+88	530+00	LT
442+00	442+75	LT	538+75	541+13	LT
444+13	445+75	LT	541+38	543+50	LT
449+75	450+50	LT	567+00	568+00	LT
451+50	452+00	LT	589+25	590+13	LT
455+00	455+50	LT	590+38	593+50	LT
457+50	457+75	LT	593+75	595+50	RT
460+38	462+00	LT	608+50	610+50	LT
468+75	469+50	LT	617+25	619+00	LT
474+00	476+25	RT	620+00	623+00	LT
477+25	482+50	LT	626+00	627+63	LT
483+50	484+00	LT	627+88	630+00	LT
484+88	487+50	RT	632+00	633+00	LT
487+00	490+50	LT	636+50	638+25	LT

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

PE MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA · 49th · MJ VAN ALSTINE · CE-11802 · REGISTERED PROFESSIONAL ENGINEER · 11/6/14

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

TYPICAL SECTIONS

PATH: Q:\KTN\67674\PLANSET\67674_B1-B2_TYP.DWG
TAB: B1 Wednesday, November 05, 2014 7:38:26 AM GRANTHAM, RICK L (DOT)

REVISIONS NO	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	B1	66

Addendum #2; Attachment #3

BASIC BID - ESTIMATE OF QUANTITIES

ITEM NO	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201 (3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED
201 (7)	INVASIVE SPECIES CONTROL, REMOVAL, AND DISPOSAL	SQUARE YARD	6,487.62
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	66.74
202 (13)	ABANDON AND FILL EXISTING PIPE	EACH	1
203 (6A)	BORROW, TYPE A	TON	5149
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	11,723.27
303 (3)	LINEAR GRADING	STATION	265
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	9,754.78
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	487.74
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
603 (22-15)	14 INCH LINER PIPE	LINEAR FOOT	119.3
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	381.75
606 (6)	REMOVING AND DISPOSING GUARDRAIL	LINEAR FOOT	482.5
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	2
606 (15)	ADJUST EXISTING GUARDRAIL	LINEAR FOOT	20,267.0
615 (1)	STANDARD SIGN	SQUARE FOOT	382.28
618 (2)	SEEDING	ACRE	0
619 (3)	BONDED FIBER MATRIX (BFM)	POUND	0
639 (3)	APPROACH	EACH	21
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, PER DIEM	LUMP SUM	ALL REQUIRED
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642 (8)	ADJUST EXISTING MONUMENT	EACH	0
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	1
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 Deleted CO #3	~~LUMP SUM~~	~~ALL REQUIRED~~
644 (2)	FIELD LABORATORY Deleted CO #3	~~LUMP SUM~~	~~ALL REQUIRED~~
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED
644 (15)	NUCLEAR TESTING EQUIPMENT STORAGE SHED Deleted CO #3	~~LUMP SUM~~	~~ALL REQUIRED~~
646 (1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED
670 (8)	RECESSED PAVEMENT MARKER	EACH	433

Items added by Change Order

401(9)	Asphalt Price Reduction For Unacceptable Asphalt	Lumpsum	All Required
610(1)	Ditch Lining	Lumpsum	All Required
642(3)	Three Person Survey	Hour	36.2

BASIC BID - BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
201 (7)	INVASIVE SPECIES CONTROL, REMOVAL, AND DISPOSAL	REED CANARY GRASS = 1860 SY OXEYE DAISY = 3180 SY CHEAT GRASS = 370 SY ORANGE HAWKWEED = 40 SY **TOTAL = 5450 SY**
201 (3B)	CLEARING AND GRUBBING	3.5' WIDE STRIP ON AVERAGE FOR BOTH SIDES OF THE ROAD.
203 (6A)	BORROW, TYPE A	1.7 TON/CY
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TON/CY
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	120 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6.0% OF ITEM 401(1)

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

PE MVD Date 12/1/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA · 49th · MJ VAN ALSTINE · CE-11802 · REGISTERED PROFESSIONAL ENGINEER · 11/26/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

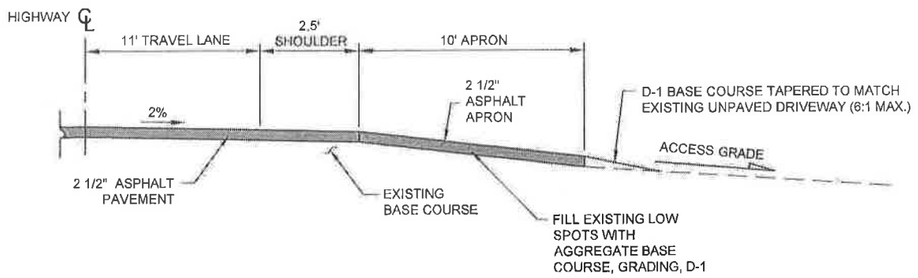
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

ADDENDUM 2
ESTIMATE OF QUANTITIES

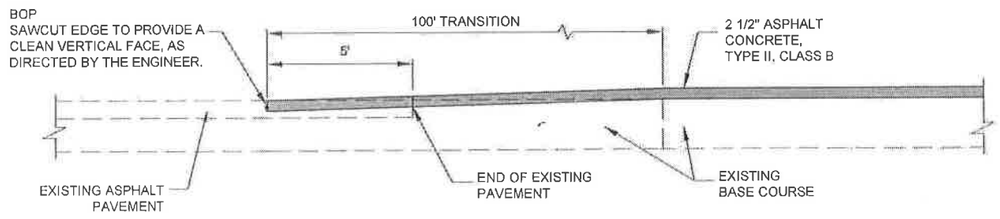
PATH: Q:\KTN\67674\PLANSET\ADDENDUM 1\67674_C1_EST.DWG
TAB: C1 Wednesday, November 26, 2014 11:48:15 AM GRANTHAM, RICK L (DOT)

REVISIONS NO	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	C1	66



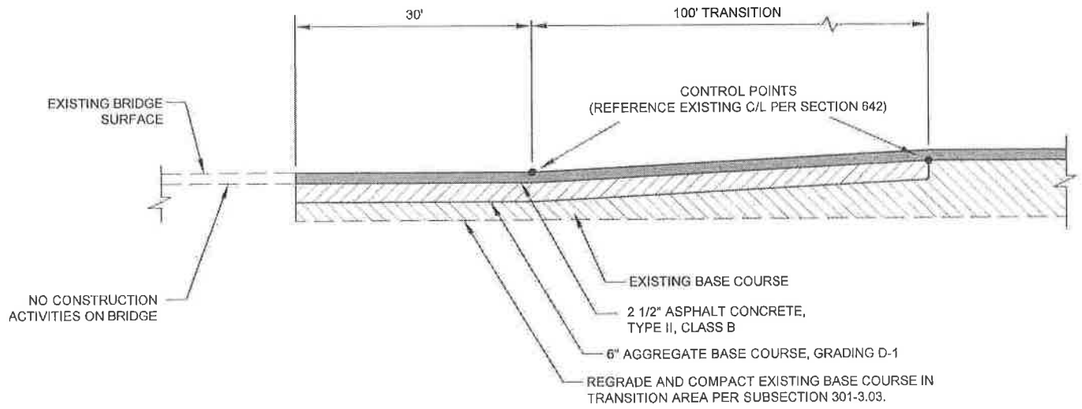
DRIVEWAY APRON TYPICAL

NTS



PAVEMENT TRANSITION DETAIL

BOP (STA. 405+00)

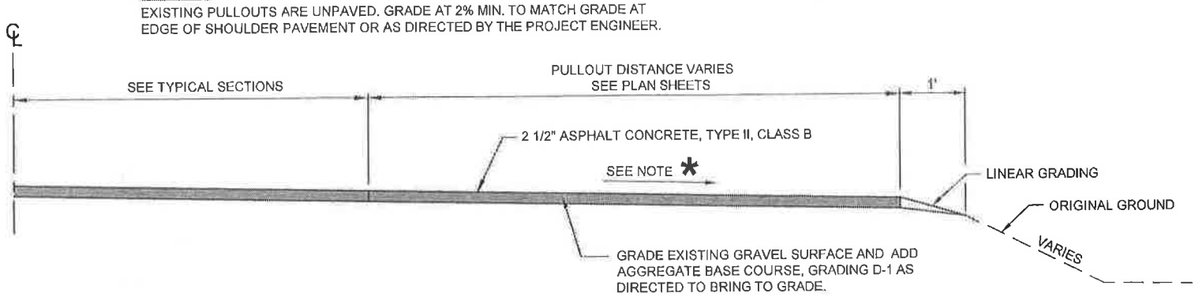


BRIDGE TRANSITION DETAIL
(TYP. UP STATION & DOWN STATION OF EXISTING BRIDGE)

N.T.S.

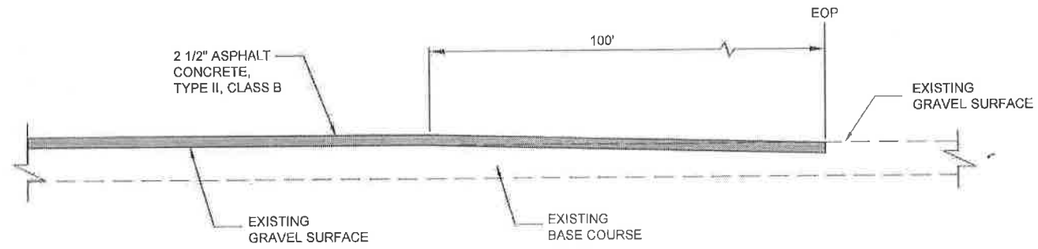
*** NOTE:**

EXISTING PULLOUTS ARE UNPAVED. GRADE AT 2% MIN. TO MATCH GRADE AT EDGE OF SHOULDER PAVEMENT OR AS DIRECTED BY THE PROJECT ENGINEER.



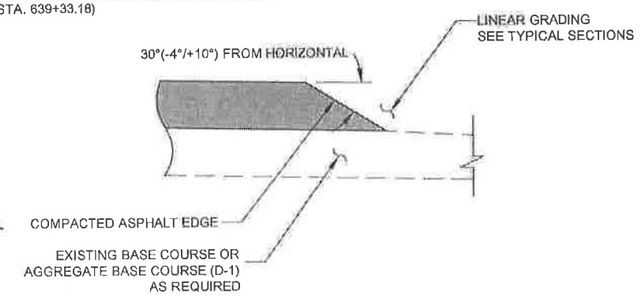
PULLOUT TYPICAL SECTION

NTS



PAVEMENT TO GRAVEL TRANSITION DETAIL

EOP (STA. 639+33.18)

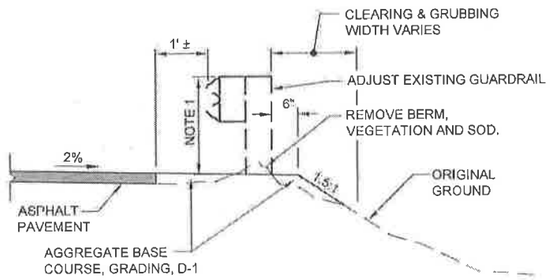


SAFETY EDGE DETAIL

NOTE: DO NOT USE A SAFETY EDGE WHERE THERE WILL BE A JOINT (CENTERLINE, INTERSECTIONS, DRIVEWAYS, ETC.).

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

PE _____ Date 12/11/15



GUARDRAIL TYPICAL SECTION

NTS

NOTE:

1. GUARDRAIL HEIGHT 29" AFTER ADJUSTMENT.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

TYPICAL SECTIONS & DETAILS

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM
PATH: Q:\KTN\67674\PLANSET\67674_B1-B2_TYP.DWG
TAB: B2 Wednesday, November 05, 2014 7:38:32 AM GRANTHAM, RICK L (DOT)

NO	REVISIONS DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	B2	66

Addenum #2; Attachment #4

303(3) LINEAR GRADING

STATION FROM	STATION TO	OFFSET LEFT	OFFSET RIGHT	LENGTH (FT)	STATION LENGTH	REMARKS
403+52	420+46	X		1695	17	
403+52	404+66		X	114	1	
409+23	411+31		X	208	2	
417+34	420+78		X	344	3	
424+01	432+91	X		890	9	
427+15	432+55		X	540	5	
436+77	536+93	X		10016	100	
443+53	444+54		X	102	1	
472+96	476+54		X	357	4	
484+50	487+40		X	290	3	
521+88	524+39		X	251	3	
532+10	534+58		X	248	2	
538+59	551+85	X		1326	13	
554+22	571+59	X		1737	17	
555+41	558+56		X	315	3	
564+12	566+33		X	221	2	
572+61	583+50	X		1089	11	
579+16	582+93		X	377	4	
586+54	599+24	X		1270	13	
587+62	588+22		X	60	1	
590+87	598+60		X	774	8	
601+38	602+73	X		135	1	
604+74	642+17	X		3743	37	
608+02	609+76		X	174	2	
613+69	615+21		X	152	2	

606 (1) W-BEAM GUARDRAIL INSTALLATION

STATION FROM	STATION TO	OFFSET	LENGTH	REMARKS
421+29.50	421+35.75	RT	6.25	
423+19.00	423+56.50	LT	37.50	REPLACE THREE SECTIONS DAMAGED RAIL & HARDWARE. POSTS TO REMAIN.
423+19.00	426+66.00	RT	347.00	

606 (6) REMOVING AND DISPOSING GUARDRAIL

STATION FROM	STATION TO	OFFSET	LENGTH	REMARKS
420+79.50	421+35.75	RT	56.25	WHITMAN CREEK - S TONGASS
423+19.00	423+56.50	LT	37.50	REMOVE THREE SECTIONS DAMAGED RAIL & HARDWARE. POSTS TO REMAIN
423+19.00	427+16.00	RT	397.00	WHITMAN CREEK - S TONGASS

603(22) LINER PIPE

PIPE	INLET STATION	INLET OFFSET	INLET INVERT	OUTLET STATION	OUTLET OFFSET	OUTLET INVERT	LENGTH (FT)	SIZE (INCH)	TYPE	GRADE	603(22-15) 14"LINER PIPE	REMARKS
P1	407+00.00	24' LT	50.97	406+97.00	34' RT	43.96	58	18	CMP	12.62%	60.0	INSTALL PIPE LINER / USE 15"SMOOTH WALL HDPE
P2	416+27.00	25' LT	73.72	416+30.00	34' RT	68.12	59	18	CMP	9.53%	59.3	INSTALL PIPE LINER / USE 15"SMOOTH WALL HDPE

606 (13) PARALLEL GUARDRAIL TERMINAL

STATION FROM	STATION TO	OFFSET LEFT	OFFSET RIGHT	LENGTH	REMARKS
420+79.50	421+29.50		X	50.00	WHITMAN CREEK
426+66.00	427+16.00		X	50.00	WHITMAN CREEK

606 (15) ADJUST EXISTING GUARDRAIL

FROM STA	TO STA	LEFT	RIGHT	PLAN LENGTH	Measured Length	Remarks
404+80	409+25		x	457	457	Actual station
411+15	417+50		x	603	607	Actual station
432+50	433+59		x	1098	1085	Actual station
432+90	436+80	x		386	395	Actual station
444+13	472+96		x	2842	2883	Actual station
476+41	484+50		x	796	809	Actual station
487+42	503+82		x	1649	1658	Actual station
504+75	521+00		x	1713	1725	Actual station
524+39	532+15		x	771	776	Actual station
534+58	547+62		x	1309	1304	Actual station
536+99	538+59	x		166	169	Actual station
548+67	555+41		x	773	674	Actual station
566+81	579+60			1283	1257	Actual station
571+59	572+61	x		102	102	Actual station
582+97	587+53		x	469	456	Actual station
583+50	586+54	x		304	304	Actual station
588+31	590+87		x	265	256	Actual station
599+13	608+36		x	942	923	Actual station
599+24	601+32	x		201	208	Actual station
602+73	604+72	x		200	199	Actual station
609+76	613+64		x	393	388	Actual station
615+21	639+57		x	2436	2436	Actual station
552+20	554+54	x			239	Not listed on plans
558+97	564+51		x		548	Not listed on plans
593+61	597+60		x		399	Not listed on plans

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

PE MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

ADDENDUM 2 SUMMARIES

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

PATH: Q:\KTN\67674\PLANSET\ADDENDUM 1\67674_D1_SUMS.DWG
TAB: D1 Wednesday, November 26, 2014 11:50:03 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	D1	66

615(1) STANDARD SIGN

NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST MATERIAL	SIGN FACING	REMARKS
1	404+25	RT	SPEED LIMIT 50	R2-1	30	36	7.50	2.5 PST	NB	
2	404+30	LT	SPEED LIMIT 25	R2-1	30	36			SB	DO NOT REMOVE
3	407+00	RT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	NB	
4	409+10	LT	SPEED LIMIT 25	W3-5	36	36			SB	DO NOT REMOVE
5	417+40	LT	SPEED LIMIT 35	R2-1	30	36			SB	DO NOT REMOVE
6	421+55	RT	WHITMAN CREEK	I-3	42	36	10.50	2.5 PST	NB	8" UC/ 6" LC B FONT
7	422+98	LT	WHITMAN CREEK	I-3	42	36	10.50	2.5 PST	SB	8" UC/ 6" LC B FONT
8	425+75	LT	SPEED LIMIT 35	W3-5	36	36			SB	DO NOT REMOVE
9	427+00	RT	$1000 FINE FOR LITTERING	R16-106	42	42	12.25	2.5 PST	NB	
10	429+80	RT	WINDING ROAD (ARROW) (SYMBOL)	W1-5R	36	36	9.00	2.5 PST	NB	
11	429+80	RT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #10
12	438+45	RT	SINGLE FACED 1 DIGIT MILE MARKER (9)	D10-1	10	18	1.25	2.5 PST	NB	
13	438+45	RT	SINGLE FACED 1 DIGIT MILE MARKER (9)	D10-1	10	18	1.25		SB	MOUNT DIRECTLY BEHIND SIGN #12
14	441+78	RT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	NB	
15	441+78	RT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #14
16	450+72	RT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	NB	
17	450+72	RT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #16
18	454+38	RT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	NB	
19	454+38	RT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #18
20	455+04	LT	REVERSE CURVE (ARROW) (SYMBOL)	W1-4L	36	36	9.00	2.5 PST	SB	
21	455+04	LT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #20
22	459+65	RT	WINDING ROAD (ARROW) (SYMBOL)	W1-5R	36	36	9.00	2.5 PST	NB	
23	459+65	RT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #22
24	460+28	LT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	SB	
25	460+28	LT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #24
26	472+78	RT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	NB	
27	472+78	RT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #26
28	473+16	LT	WINDING ROAD (ARROW) (SYMBOL)	W1-5R	36	36	9.00	2.5 PST	SB	
29	473+16	LT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #28
30	477+06	LT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	SB	
31	477+06	LT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #30
32	487+11	RT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	NB	
33	487+11	RT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #32

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

PE MVS Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SUMMARIES

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

PATH: Q:\KTN\67674\PLANSET\67674_D1-D4_SUMS.DWG
TAB: D2 Wednesday, November 05, 2014 7:39:04 AM SEIFERT, LOLITA T (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	D2	66

615(1) STANDARD SIGN

NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST MATERIAL	SIGN FACING	REMARKS
34	491+25	RT	SINGLE FACED 2 DIGIT MILE MARKER (10)	D10-2	10	27	1.88	2.5 PST	NB	
35	491+25	RT	SINGLE FACED 2 DIGIT MILE MARKER (10)	D10-2	10	27	1.88		SB	MOUNT DIRECTLY BEHIND SIGN #34
36	493+91	LT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	SB	
37	493+91	LT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #36
38	543+50	RT	SINGLE FACED 2 DIGIT MILE MARKER (11)	D10-2	10	27	1.88	2.5 PST	NB	
39	543+50	RT	SINGLE FACED 2 DIGIT MILE MARKER (11)	D10-2	10	27	1.88		SB	MOUNT DIRECTLY BEHIND SIGN #38
40	547+50	RT	REVERSE CURVE (ARROW) (SYMBOL)	W1-4R	36	36	9.00	2.5 PST	NB	
41	547+50	RT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT DIRECTLY BELOW SIGN #40
42	551+65	RT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	NB	
43	551+65	RT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #42
44	556+35	RT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	NB	
45	556+75	LT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	SB	
46	557+53	LT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	SB	
47	557+53	LT	45 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #46
48	559+18	RT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	NB	
49	559+18	RT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #48
50	567+93	LT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	SB	
51	567+93	LT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #50
52	596+30	RT	SINGLE FACED 2 DIGIT MILE MARKER (12)	D10-2	10	27	1.88	2.5 PST	NB	
53	596+30	RT	SINGLE FACED 2 DIGIT MILE MARKER (12)	D10-2	10	27	1.88		SB	MOUNT DIRECTLY BEHIND SIGN #52
54	606+06	RT	CURVE (SYMBOL)	W1-2L	30	30	6.25	2.5 PST	NB	
55	606+06	RT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #54
56	612+13	LT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	SB	
57	612+13	LT	40 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		SB	MOUNT BELOW SIGN #56
58	613+95	RT	SPEED LIMIT 35	W3-5	36	36	9.00	2.5 PST	NB	
59	622+80	RT	SPEED LIMIT 35	R2-1	30	36	7.50	2.5 PST	NB	
60	629+25	RT	END ROAD 1000 FT	W14-101	36	36	9.00	2.5 PST	NB	
61	630+35	RT	SPEED LIMIT 20	W3-5	36	36	9.00	2.5 PST	NB	
62	636+00	RT	SPEED LIMIT 20	R2-1	30	36	7.50	2.5 PST	NB	
63	636+00	LT	SPEED LIMIT 50	R2-1	30	36	7.50	2.5 PST	SB	
64	636+80	RT	PAVEMENT ENDS	W8-3	36	36	9.00	2.5 PST	NB	
65	367+00	LT	HEADLIGHTS ON AT ALL TIMES	R16-110	42	30	8.75	2.5 PST	SB	
66	637+00	RT	HEADLIGHTS ON AT ALL TIMES	R16-110	42	30	8.75	2.5 PST	NB	
67	637+00	RT	END ENFORCMENT	R16-116	36	18	4.50		NB	MOUNT BELOW SIGN #66
68	638+00	LT	EMERGENCY PARKING ONLY	R8-4	30	24	5.00	2.5 PST	SB	
69	639+11	LT	END	W14-100	30	30	6.25	2.5 PST	NB	
70	639+11	LT	OBJECT MARKER TYPE 4	OM4-1	18	18	2.25		NB	MOUNT BELOW SIGN #69
71	639+56	RT	CURVE (SYMBOL)	W1-2R	30	30	6.25	2.5 PST	NB	
72	639+56	RT	15 MPH (ADVISORY SPEED PLATE)	W13-1	24	24	4.00		NB	MOUNT BELOW SIGN #71

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

PE _____ Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
KJ VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SUMMARIES

PATH: Q:\KTN\67674\PLANSET\67674_D1-D4_SUMS.DWG
TAB: D3 Wednesday, November 05, 2014 7:39:19 AM SEIFERT, LOLITA T (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	D3	66

639(3) APPROACH

STATION	OFFSET	RADIUS		DRIVEWAY WIDTH	REMARKS
		R1*	R2*		
409+43	RT	10	5	14	DRIVEWAY
409+44	LT	5	5	34	DRIVEWAY
410+30	RT	12	10	16	DRIVEWAY
410+87	LT	8	8	32	DRIVEWAY
411+00	RT	8	10	16	DRIVEWAY
414+73	LT	20	10	56	DRIVEWAY
417+65	RT	6	8	32	DRIVEWAY
420+05	RT	15	8	30	DRIVEWAY
428+22	RT	20	20	64	PULLOUT
430+75	RT	8	8	30	DRIVEWAY
432+26	RT	8	10	30	DRIVEWAY
443+73	RT	20	20	30	PULLOUT
476+17	RT	20	20	42	PULLOUT
532+68	RT	20	20	50	PULLOUT
556+00	RT	10	10	34	PULLOUT
565+10	LT	5	5	30	DRIVEWAY
566+50	LT	10	10	34	DRIVEWAY
582+50	RT	10	10	60	PULLOUT
588+70	LT	8	8	44	DRIVEWAY
592+33	RT	15	15	80	PULLOUT
638+70	LT	15	15	80	PULLOUT

642 (8) ADJUST EXISTING MONUMENT

STATION	OFFSET	PAVED AREA (Y/N)	REMARKS
405+07.12	11' RT	Y	242 BC_SH_MON

642 (11) ADJUST EXISTING MONUMENT CASE

STATION	OFFSET	REMARKS
405+07.12	11' RT	242 BC_SH_MON

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 12/11/15

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA · 49th · R.J. VAN ALSTINE · CE-11802 · REGISTERED PROFESSIONAL ENGINEER

11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SUMMARIES

PATH: Q:\KTN\67674\PLANSET\67674_D1-D4_SUMS.DWG
TAB: D4 Wednesday, November 05, 2014 7:39:34 AM SEIFERT, LOLITA T (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-NH-0902(040)~67674	2014	D4	66

GENERAL NOTE:
SEE G SHEETS FOR CURVE SUPER-ELEVATION DATA

MATCH LINE STA. 403+05

BOP: 403+51.73

BOP
STA 403+51.73

EXISTING ASPHALT PAVEMENT

ROW

403+52 40 404+00 405+00 406+00 407+00 408+00 50 60

Rock Lining

Re-pave

S TONGASS HWY

Re-pave

MATCH LINE STA. 408+40

EXISTING TELEPHONE

ADJUST MONUMENT

P-1

BEGIN NEW PAVEMENT
STA 405+00.00
SAWCUT BACK 5' &
MATCH EXISTING ROAD

INVASIVE SPECIES

1. REED CANARY GRASS
2. OXEYE DAISY
3. CHEAT GRASS
4. ORANGE HAWKWEED

INVASIVE SPECIES - REMOVE & DISPOSE

INVASIVE SPECIES OUTSIDE OF PROJECT LIMITS DO NOT DISTURB

PLAN

MATCH LINE STA. 408+40

PAVE 10' DRIVEWAY

WV FH WV 70 80

PT: STA: 410+50.56

PAVE 10' DRIVEWAY

PC: STA: 412+76.83

409+00 410+00 411+00 412+00 413+00

N39° 20' 39"E 228.25'

S TONGASS HWY

Re-pave

P

TEL PP

PAVE 10' DRIVEWAY

PAVE 10' DRIVEWAY

PAVE 10' DRIVEWAY

P= Patch

MATCH LINE STA. 413+75

PLAN

ROW

= Transverse Joint

PAVE 10' DRIVEWAY

FH WV 80

PC: STA: 417+89.97

414+00 415+00 416+00 417+00 418+00 419+00

N39° 54' 43"E 611.14'

S TONGASS HWY

Rock Line slope

P-2

MATCH LINE STA. 413+75

MATCH LINE STA. 419+10

( ) = crack seal area

0 40' 80'

SCALE IN FEET

PLAN

LEGEND

- PAVED
- CULVERT FLOW EXISTING
- CULVERT FLOW NEW
- ADJUST MONUMENT
- DITCH FLOW ARROW
- FILL LIMITS
- CUT LIMITS
- NEW GUARDRAIL

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

PE NB Date 12/11/15

I SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DW
TAB: F1
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 6:59:24 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP

600+00 GEORGE INLET 550+00 500+00 S TONGASS HWY 450+00 400+00

PLAN BOP

PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 49th
M. VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/14

DESIGNED BY L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F1	66

NOTE:
SEE SHEET B2 FOR BRIDGE TRANSITION DETAIL

MATCH LINE STA. 419+10

PT: STA: 419+90.42

420+00

421+00

S TONGASS HWY

<-- Rockline Slope -->

N34° 02' 14"E
393.83'

422+00

BRIDGE

WHITMAN CREEK

REPLACE THREE SECTIONS DAMAGED RAIL ONLY. MATCH NEW RAIL TO EXISTING TRANSITION RAIL.

PC: STA: 423+84.25

423+00

40'

424+00

MATCH LINE STA. 424+45

PAVE 10' DRIVEWAY

PARALLEL GUARDRAIL TERMINAL

NEW GUARDRAIL (SEE STANDARD DWG), TYP.

EXISTING THRIE BEAM (TRANSITION RAIL) TO REMAIN, TYP.

ROW

PLAN

MATCH LINE STA. 424+45

PT: STA: 426+15.92

425+00

426+00

N49° 07' 16"E
127.06'

427+00

PC: STA: 427+42.97

S TONGASS HWY

428+00

429+00

PT: STA: 429+24.45

N50° 25' 15"E
236.37'

MATCH LINE STA. 429+80

NEW GUARDRAIL (SEE STANDARD DWG)

PARALLEL GUARDRAIL TERMINAL

Borrow Placement

PAVE PULLOUT

PLAN

MATCH LINE STA. 429+80

PC: STA: 431+61.02

430+00

N50° 25' 15"E
236.57'

431+00

S TONGASS HWY

432+00

433+00

434+00

435+00

MATCH LINE STA. 435+15

0 40' 80'

SCALE IN FEET

PAVE 10' DRIVEWAY

PAVE 10' DRIVEWAY

OCEANS ALASKA PROPERTY

PLAN

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

PE KMB Date 12/11/15

...NINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\ADDENDUM 2\67674_F2_F11.DWG

GRANTHAM, RICK L (DOT)

Wednesday, November 26, 2014 1:00:25 PM

ADDENDUM NUMBER
2
ATTACHMENT NUMBER
5

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EOP

600+00

GEORGE INLET

550+00

500+00

S TONGASS HWY

PLAN

450+00

400+00

BOP

PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
RU VAN ALSTINE
CE-11802
PROFESSIONAL ENGINEER
11/26/14

DESIGNED BY: L. SEIFERT

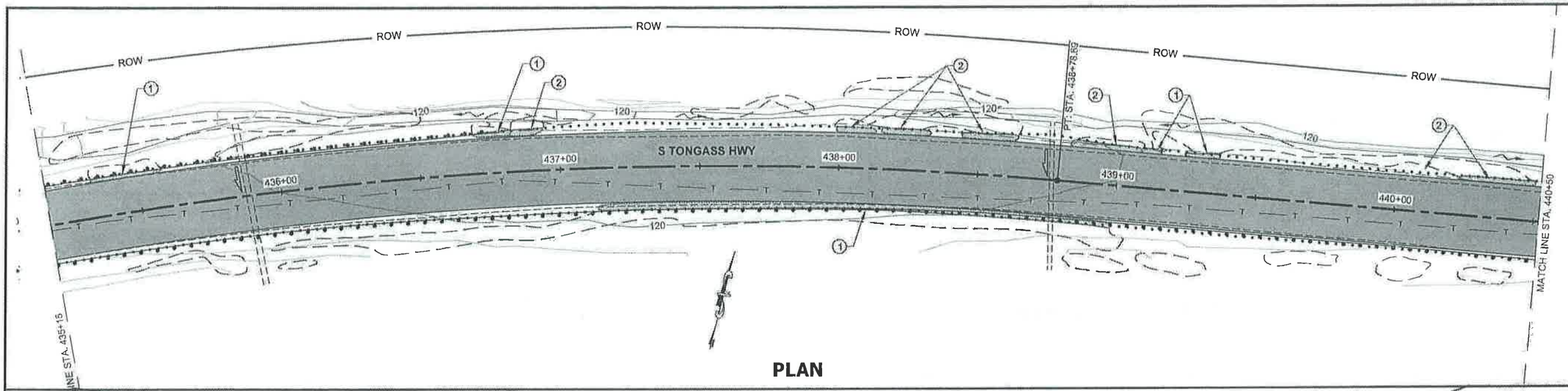
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

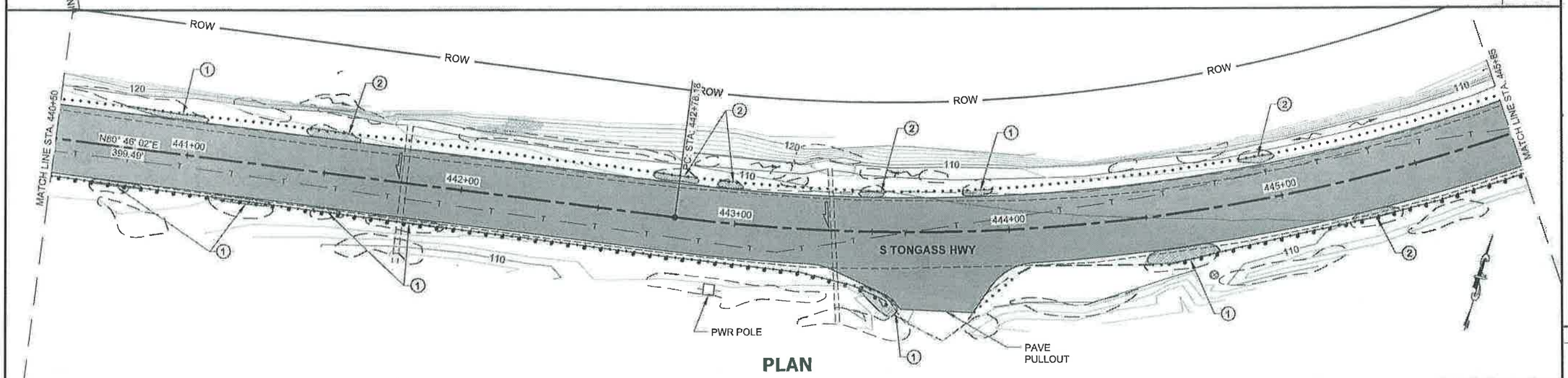
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ADDENDUM 2
PLAN VIEW

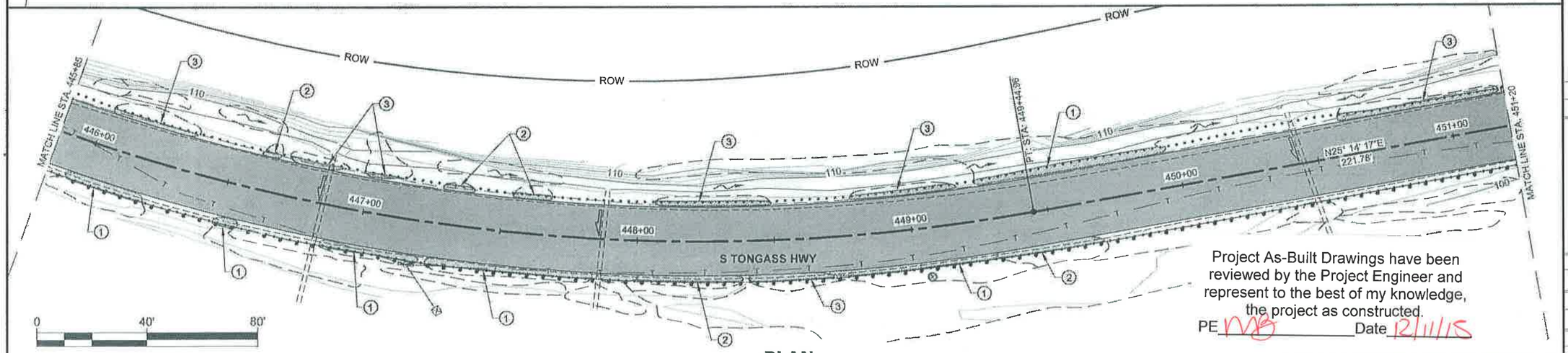
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F2	66



PLAN



PLAN



PLAN

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

PE MVB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

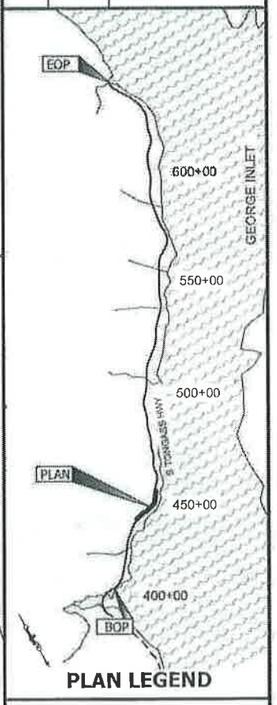
PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DN
TAB: F3
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:00:05 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
M. VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
4/6/14

DESIGNED BY: L. SEIFERT

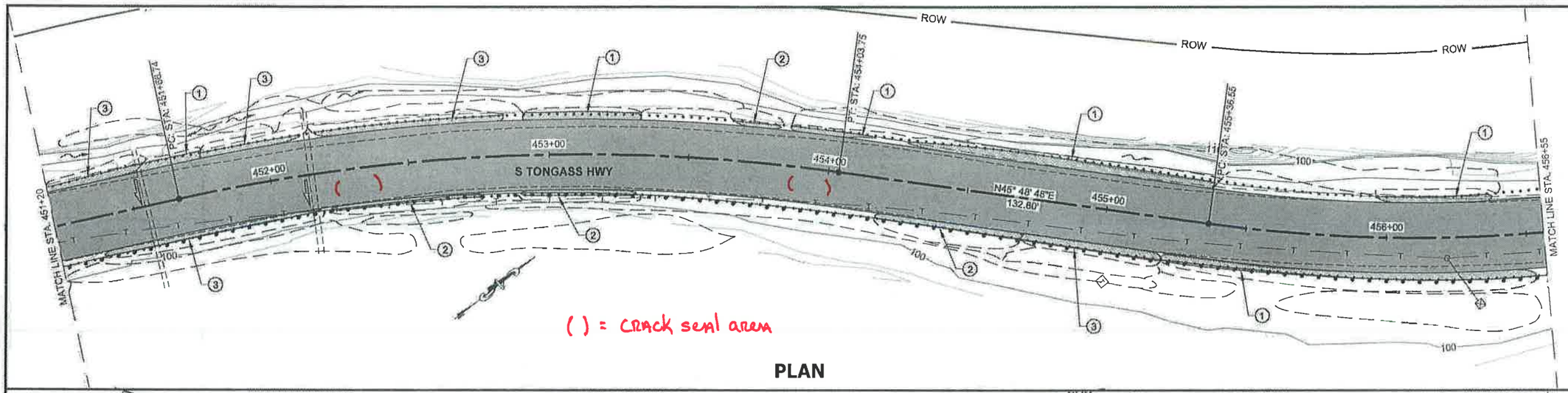
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

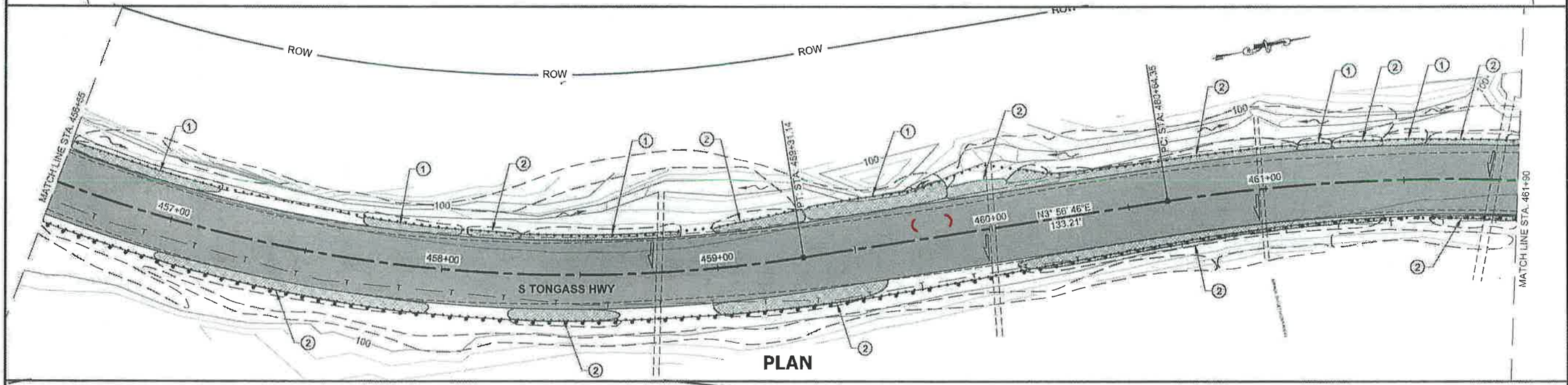
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

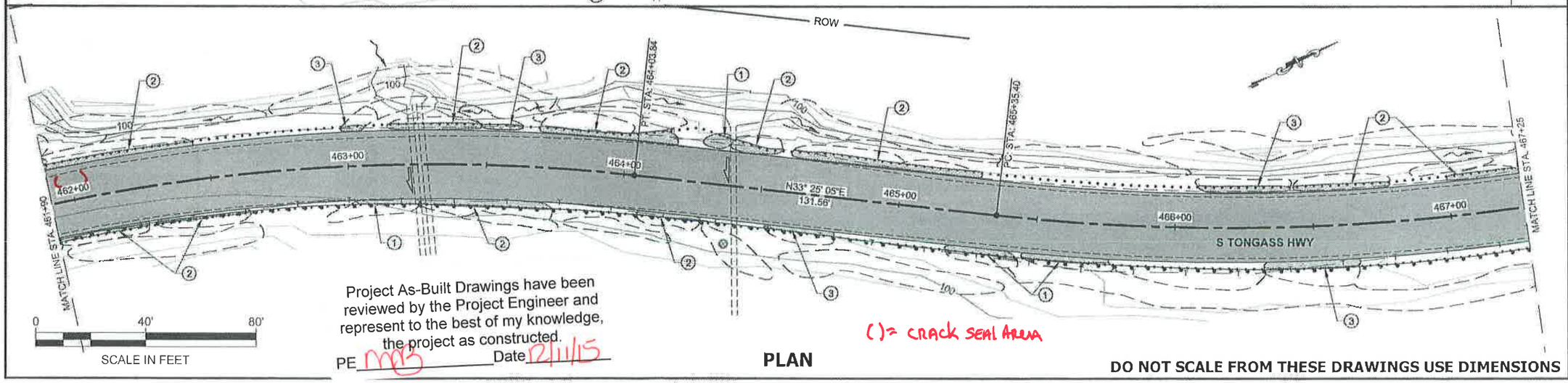
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F3	66



PLAN



PLAN



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

PE MB Date 12/11/15

( )= crack seal Area

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

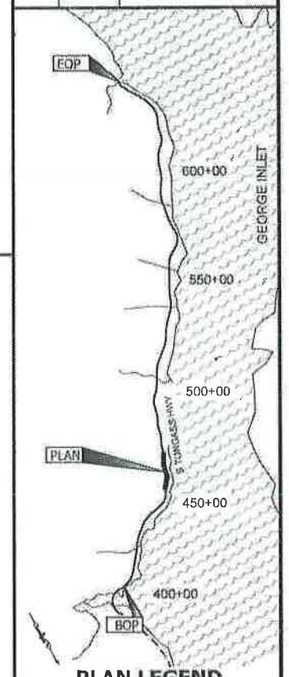
PATH:
Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DWG
TAB: F4
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:00:22 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
490
M VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

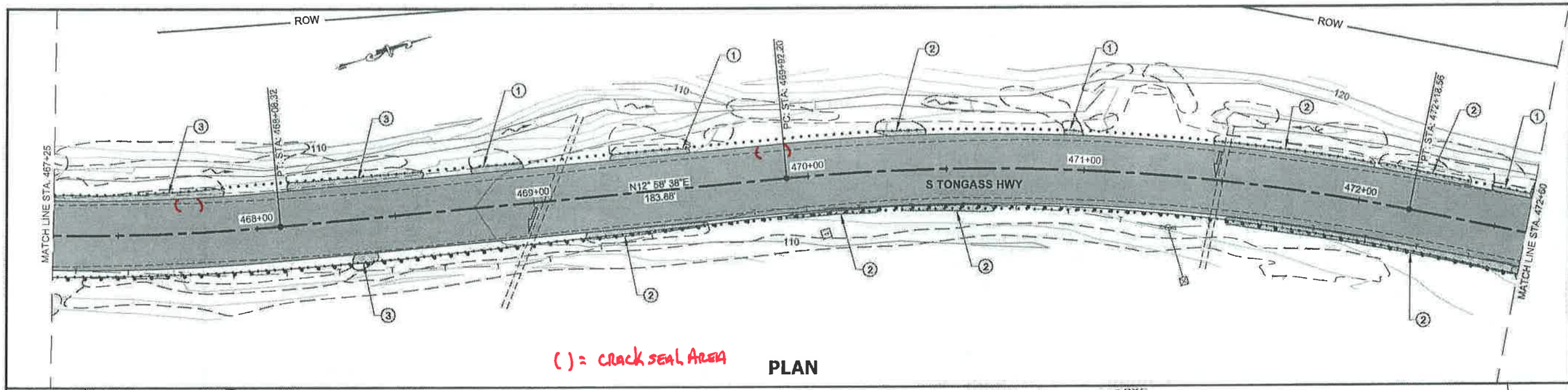
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

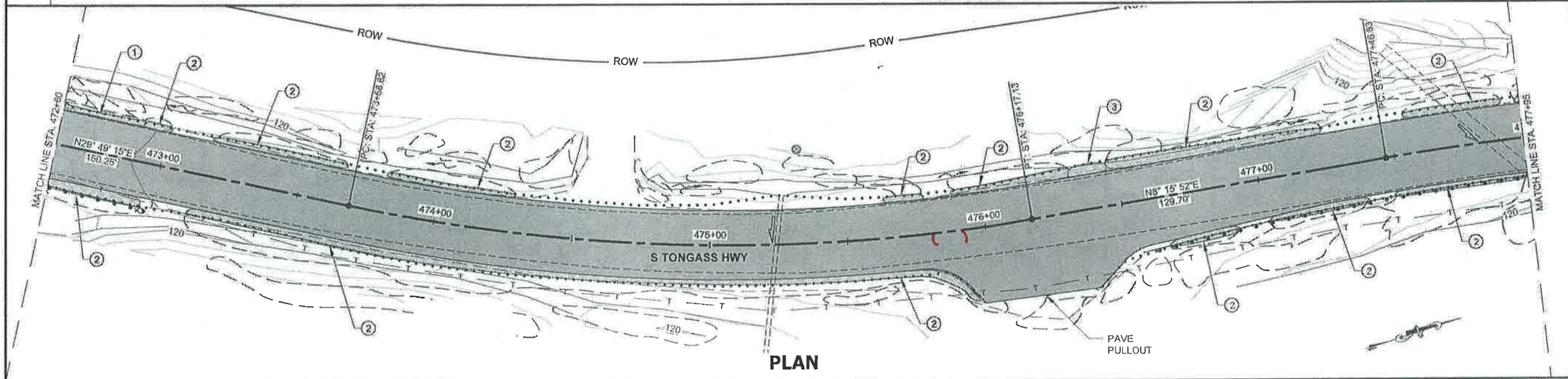
PLAN VIEW

PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F4	66

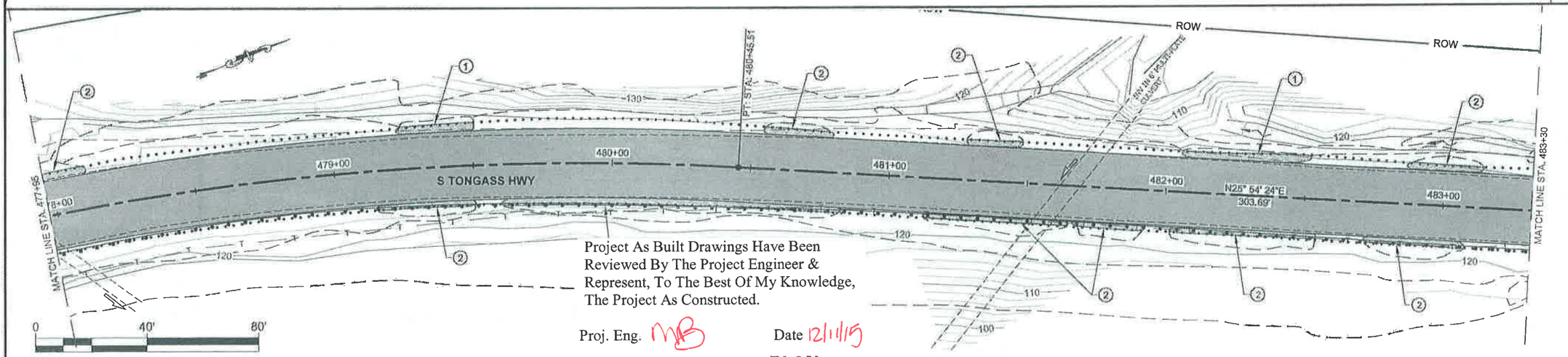


( ) = crack seal Area

PLAN



PLAN

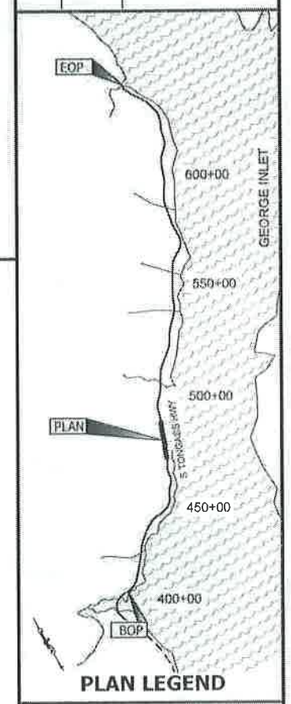


Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DWG
TAB F5
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:00:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 49th M. VAN ALSTINE CE-11802 REGISTERED PROFESSIONAL ENGINEER 11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R; GRANTHAM

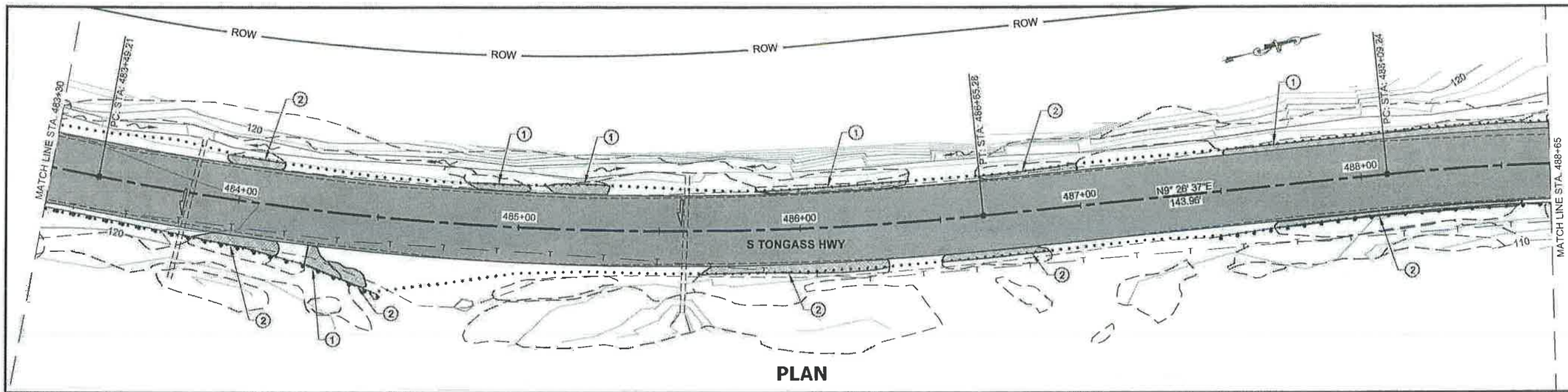
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

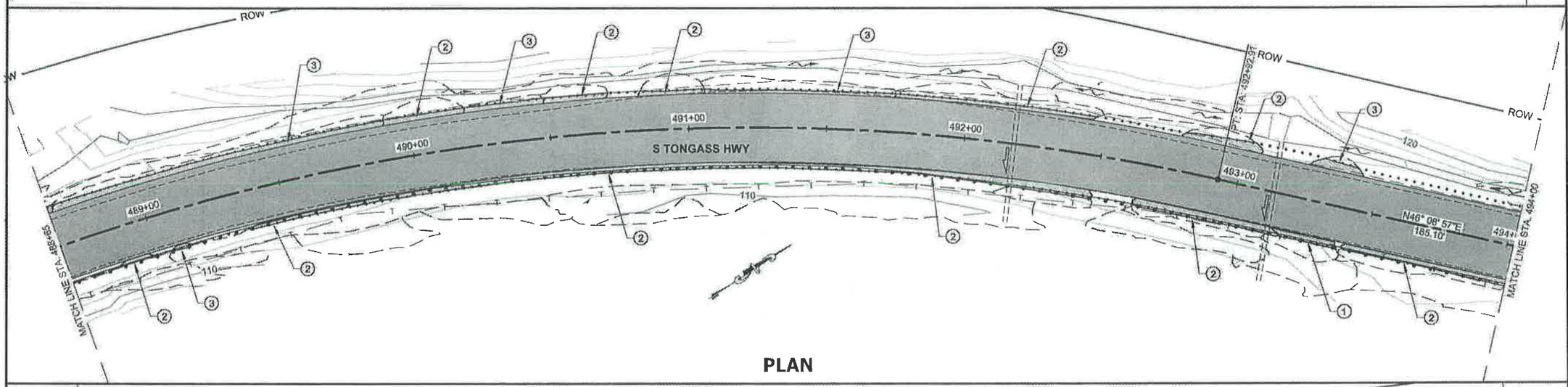
PLAN VIEW

PROJECT DESIGNATION
STP-NH-0902(040)~67674

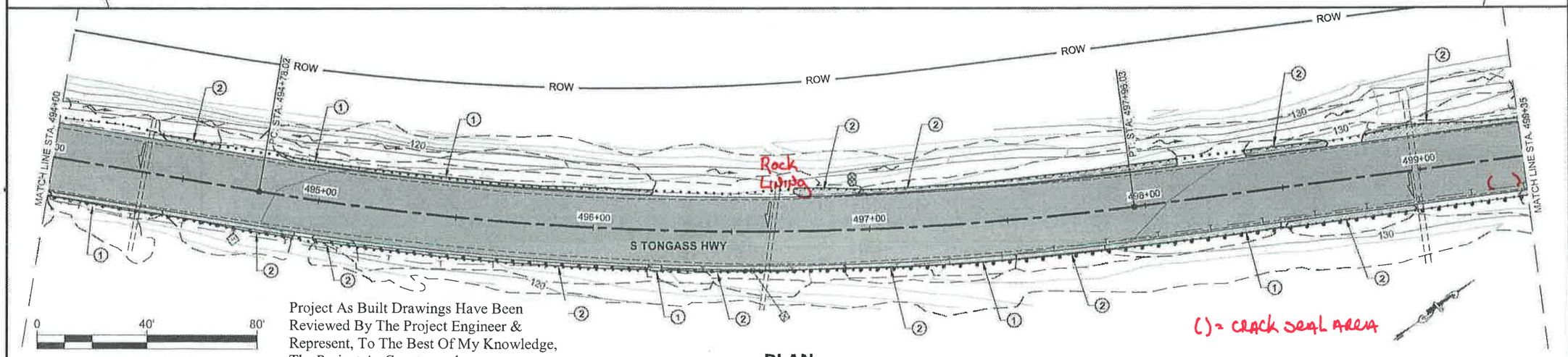
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F5	66



PLAN



PLAN



PLAN

0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

() = crack seal area

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DW

TAB: F6

GRANTHAM, RICK L (DOT)

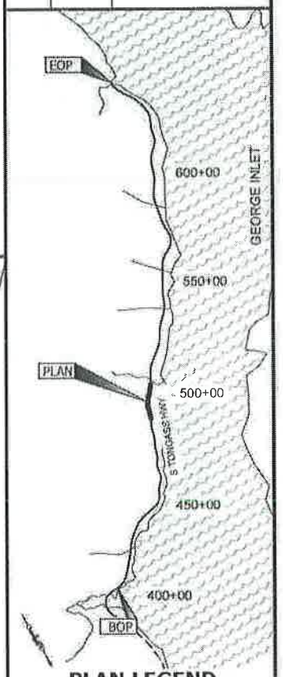
Thursday, November 06, 2014 7:00:58 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
MO VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER

11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

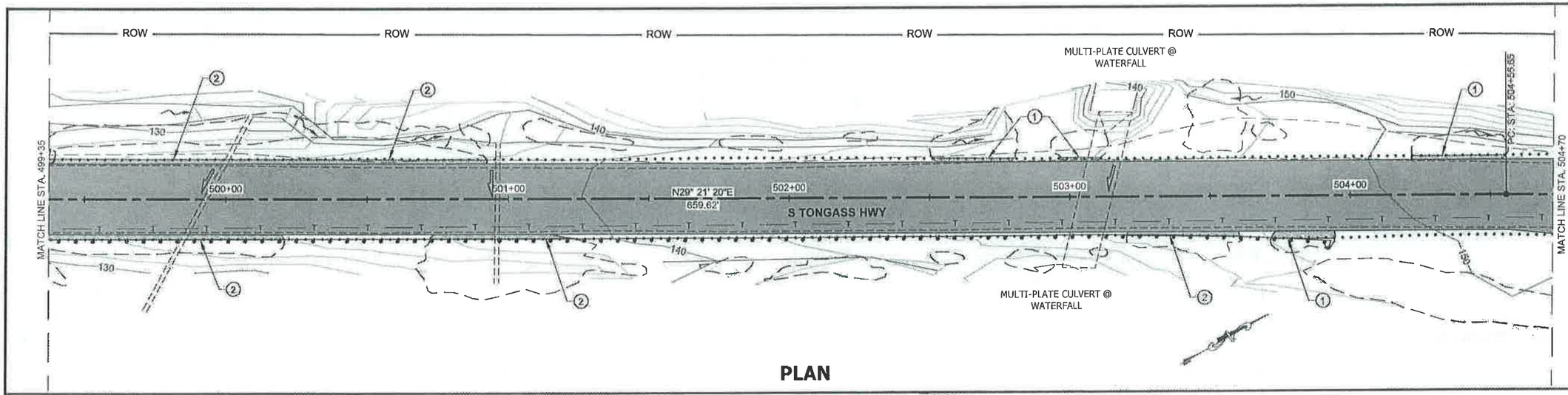
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

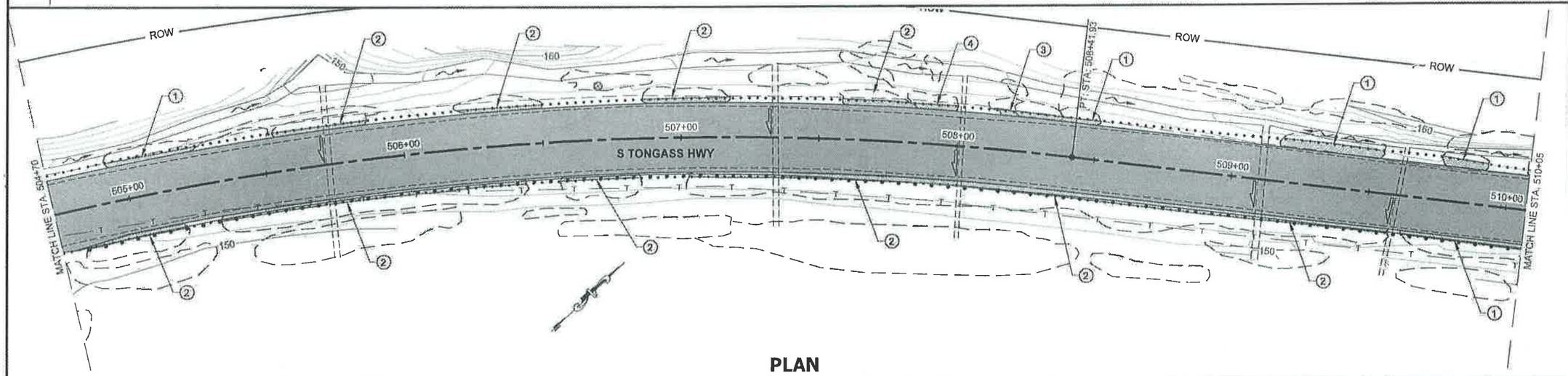
PROJECT DESIGNATION

STP-NH-0902(040)~67674

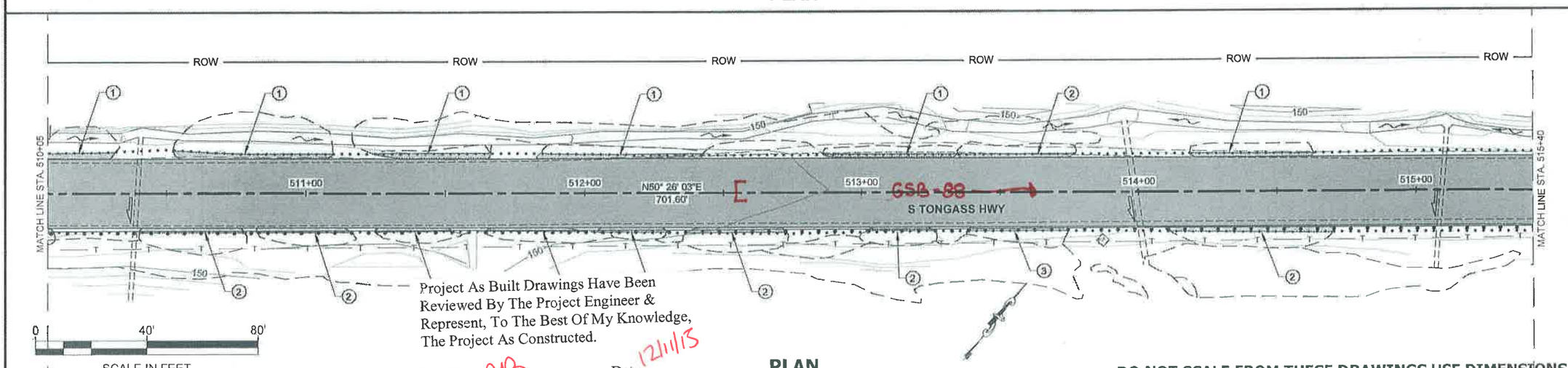
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F6	66



PLAN



PLAN



0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

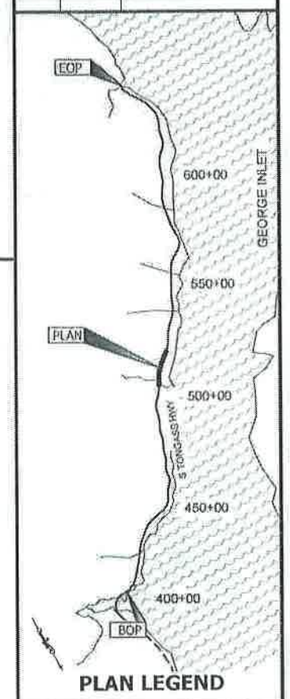
PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DW
TAB: F7
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:01:22 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
M. VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

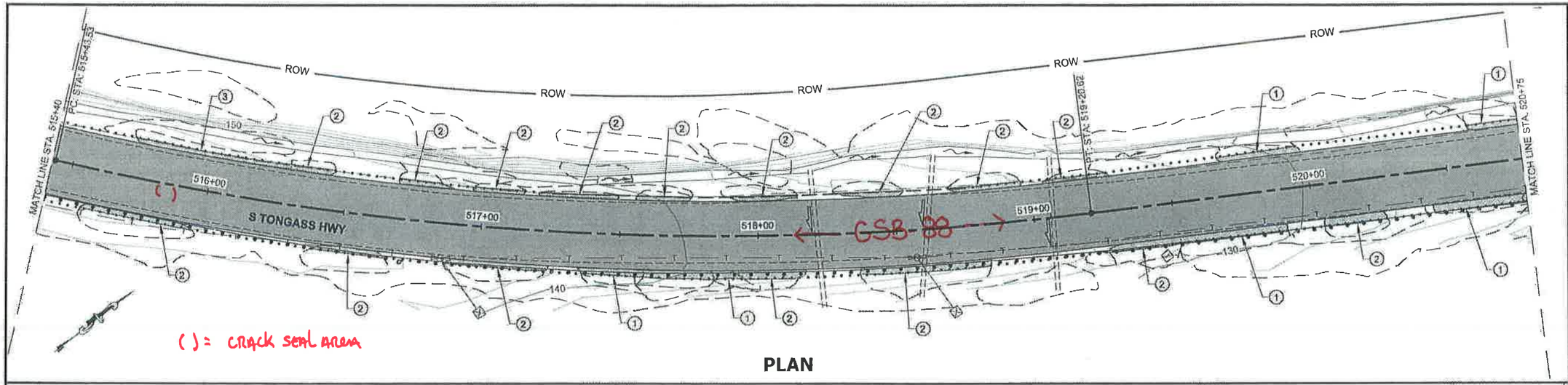
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

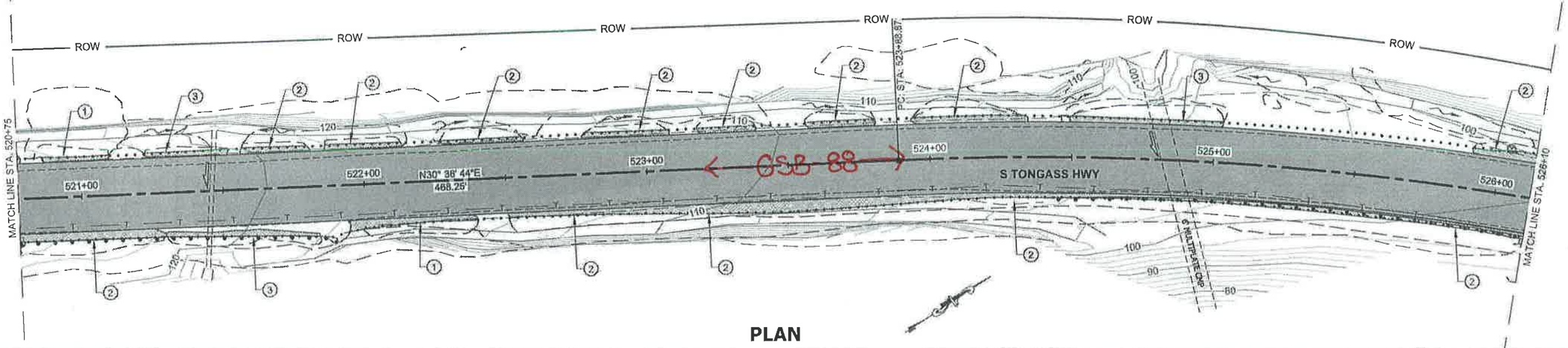
PROJECT DESIGNATION

STP-NH-0902(040)~67674

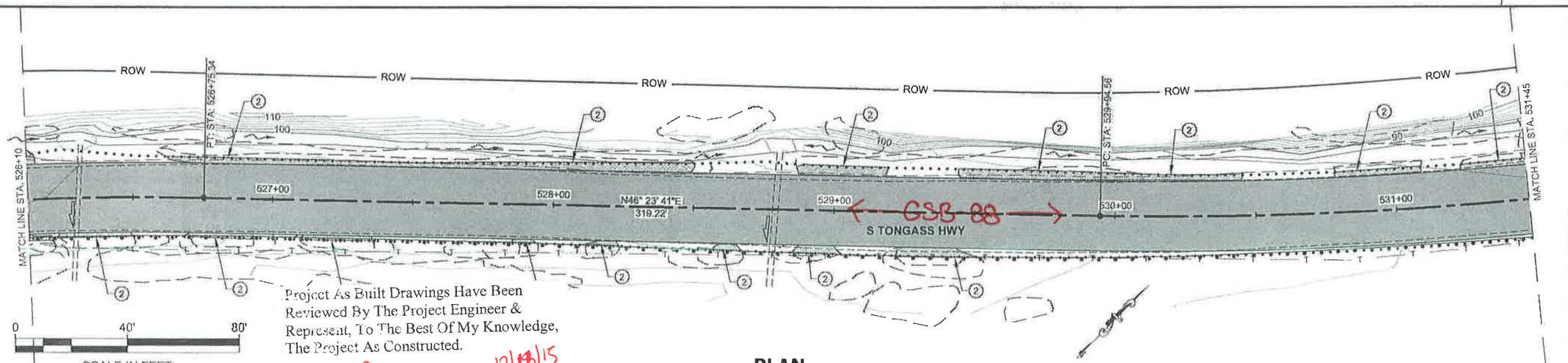
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F7	66



PLAN



PLAN



0 40' 80'

SCALE IN FEET

PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Engr. MB Date 12/18/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

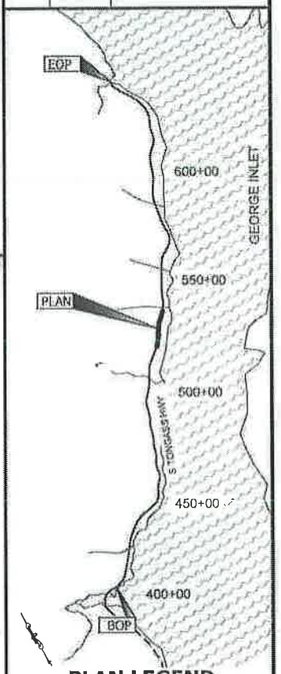
PATH:
Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DA
TAB: F8
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:01:35 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
MVAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

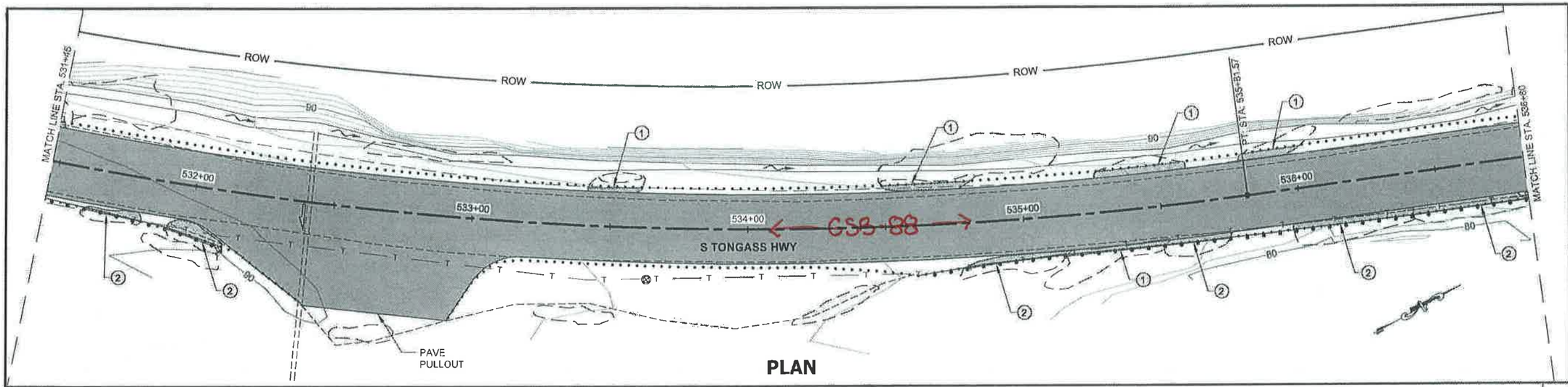
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

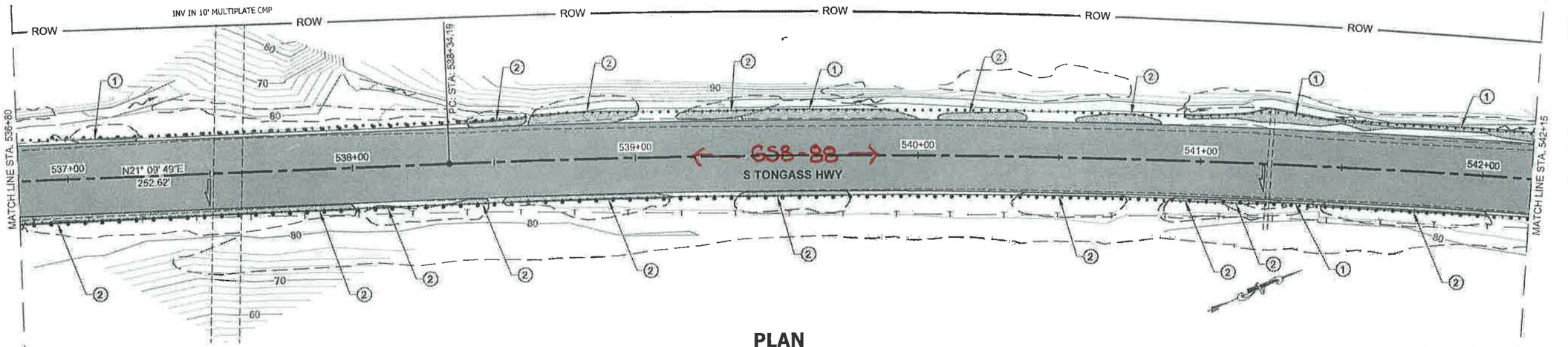
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

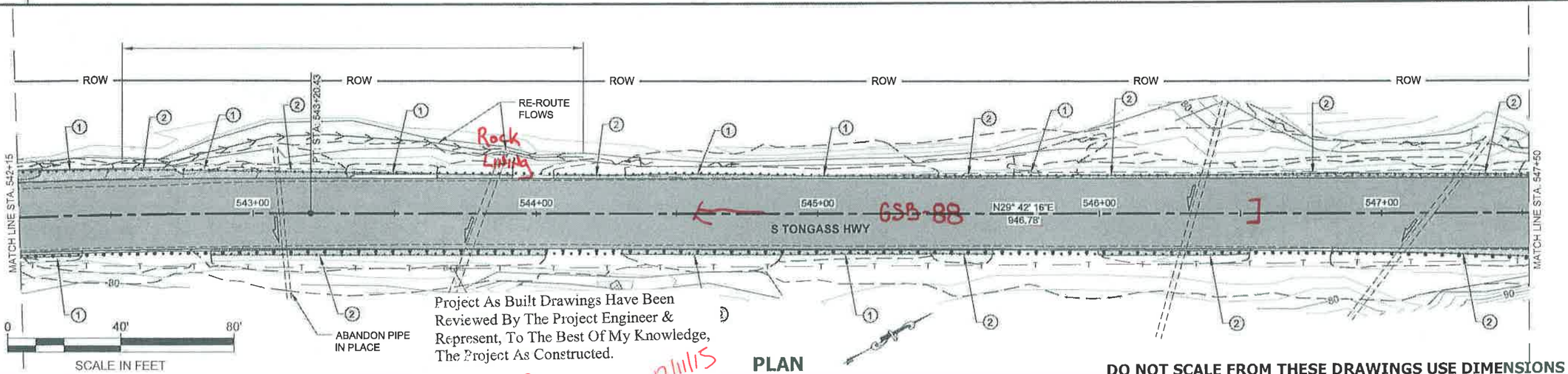
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F8	66



PLAN



PLAN



PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. NB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

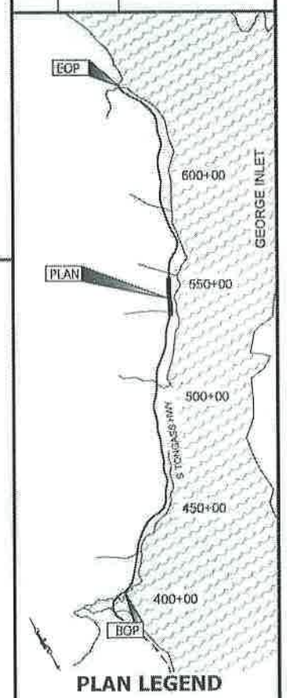
PATH:
Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.D
TAB: F9
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:01:49 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
M. VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

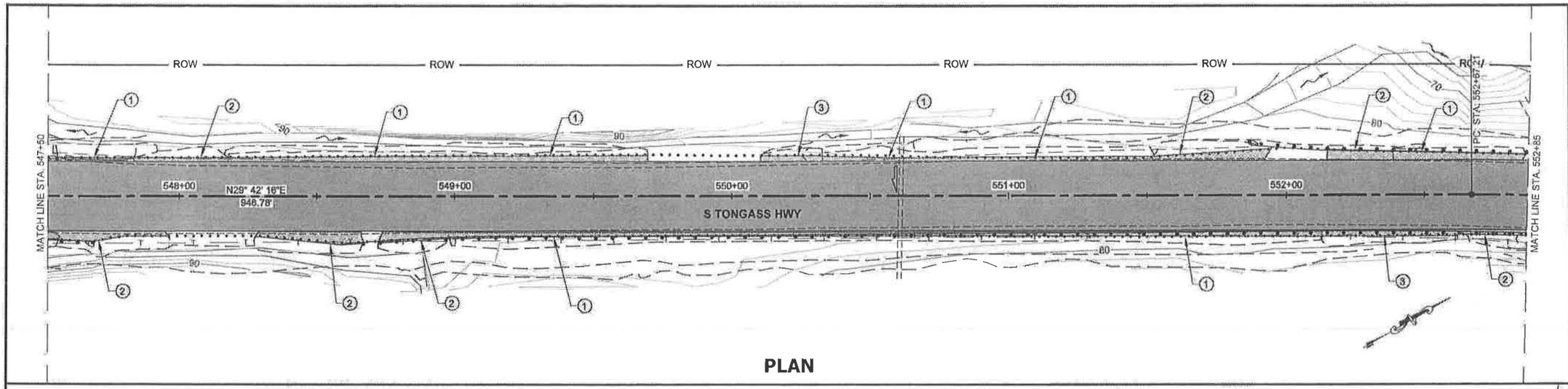
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

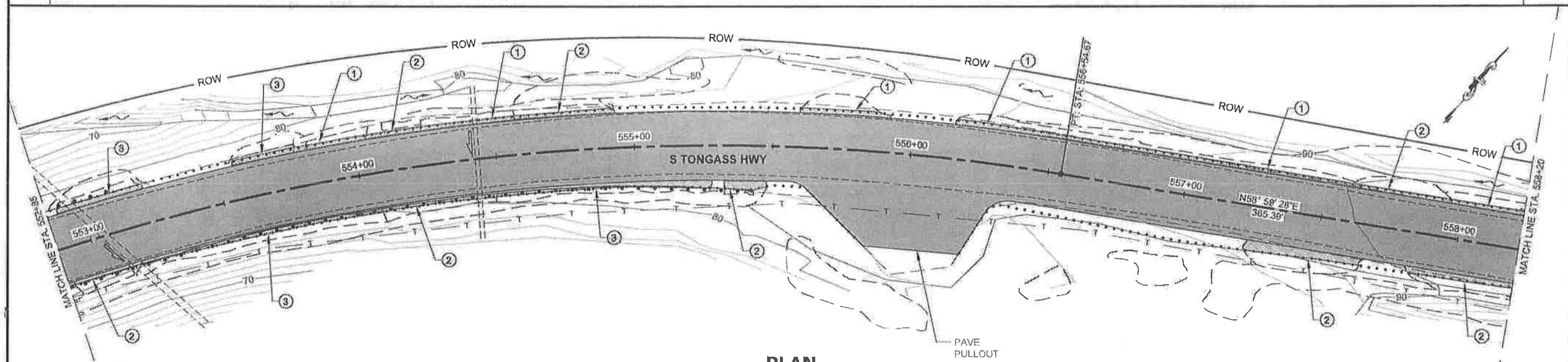
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

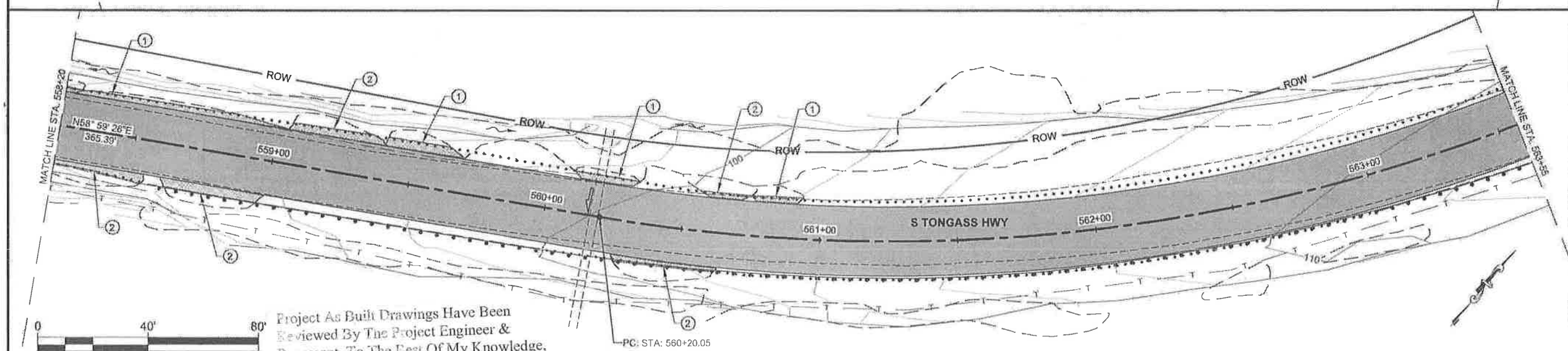
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F9	66



PLAN



PLAN



PLAN

0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

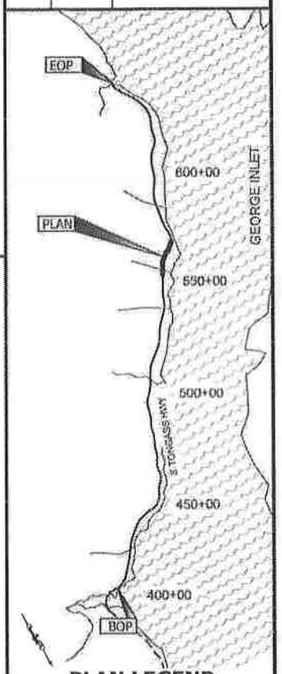
PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DGN
TAB: F10
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:02:02 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
MO VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

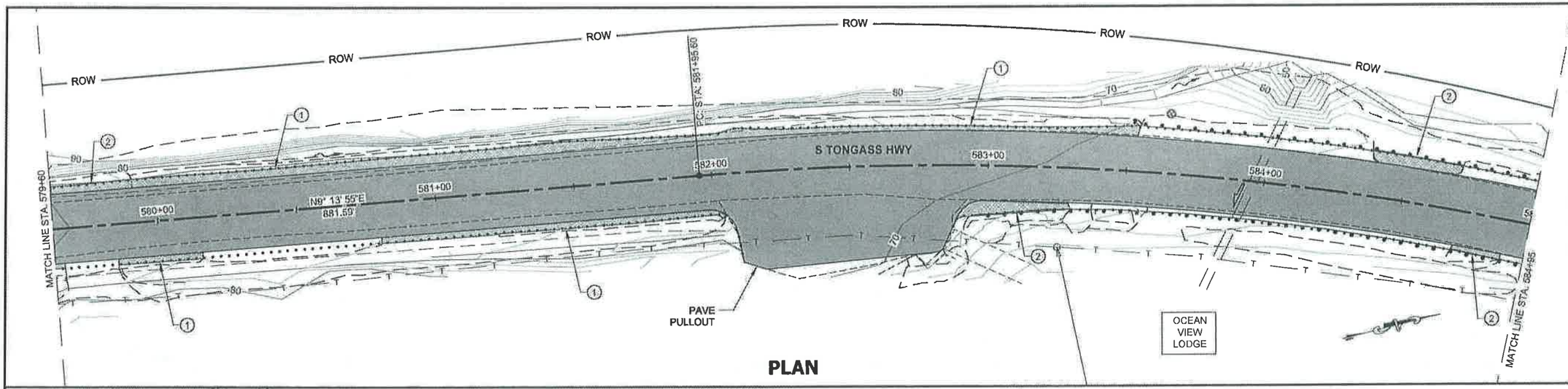
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

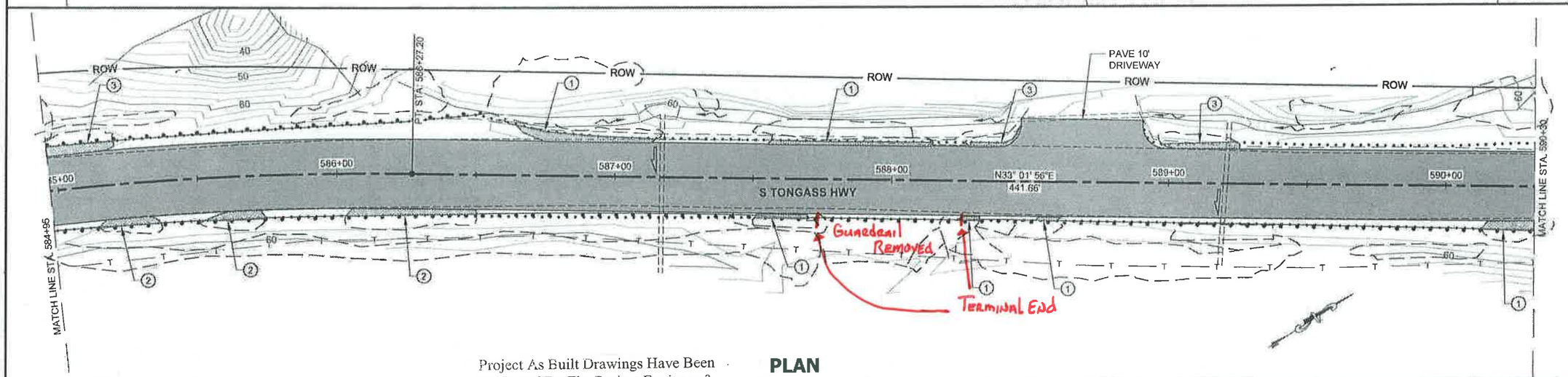
PLAN VIEW

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F10	66



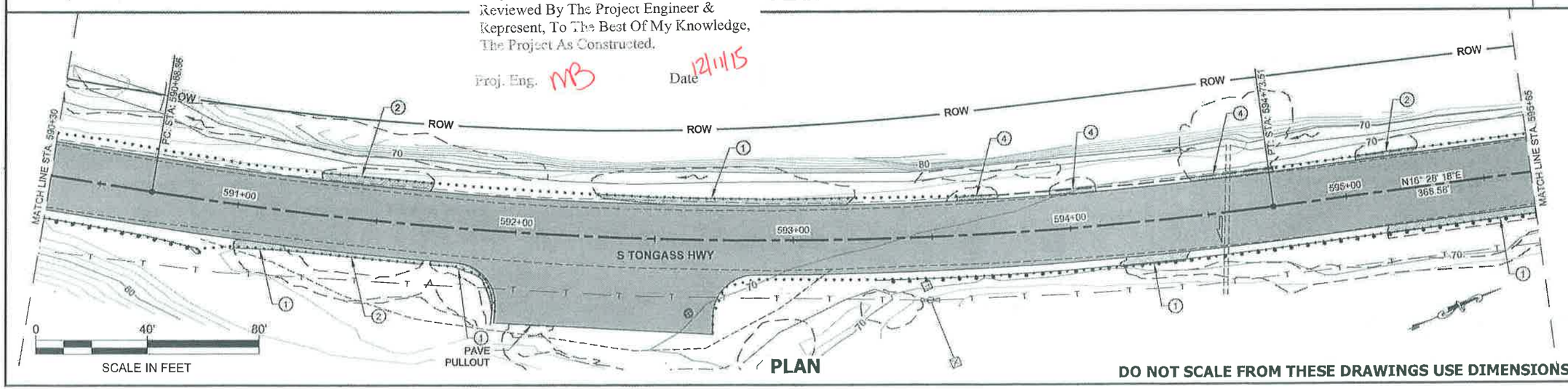
PLAN



PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

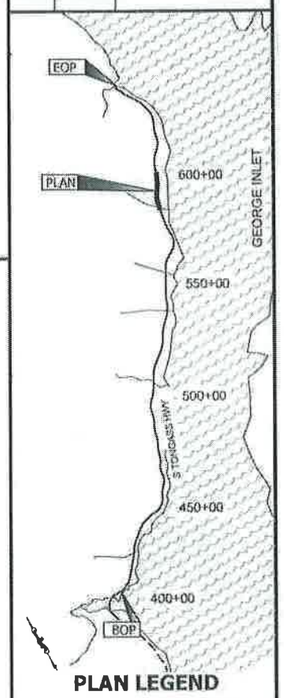
PATH: Q:\KTN\67674\PLANSET\67674_F1-P15_PLAN.DGN
TAB: F12
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:02:30 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
MJ VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

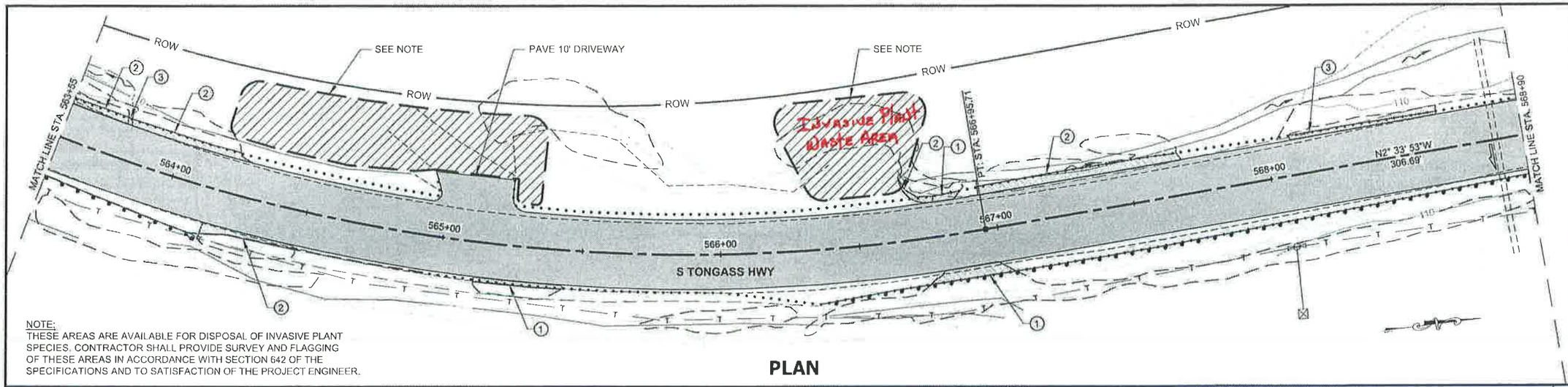
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

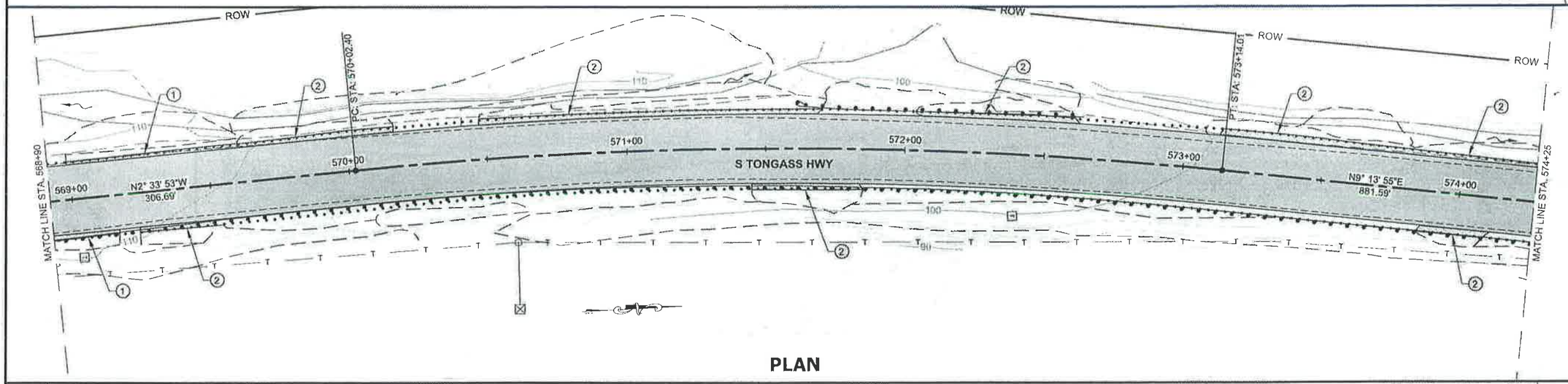
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F12	66

Addendum #2; Attachment #6

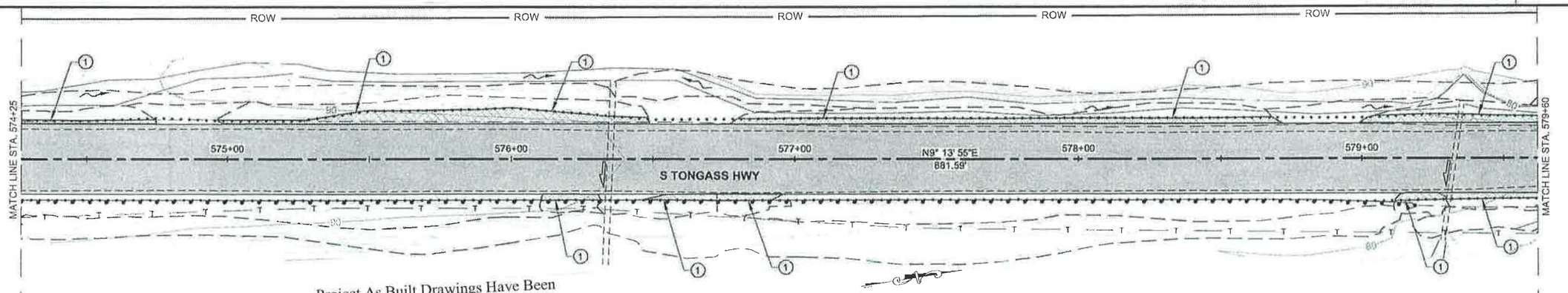


NOTE:
THESE AREAS ARE AVAILABLE FOR DISPOSAL OF INVASIVE PLANT SPECIES. CONTRACTOR SHALL PROVIDE SURVEY AND FLAGGING OF THESE AREAS IN ACCORDANCE WITH SECTION 642 OF THE SPECIFICATIONS AND TO SATISFACTION OF THE PROJECT ENGINEER.

PLAN



PLAN



0 40' 80'
SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

PLAN

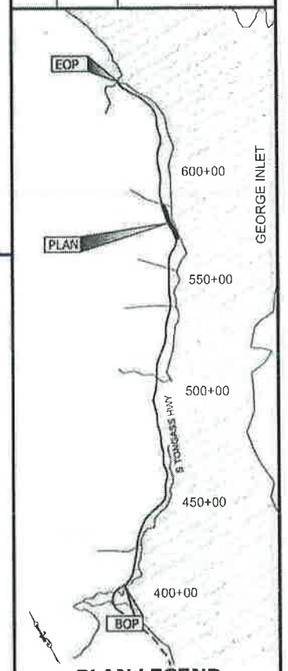
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\ADDENDUM 1\67674_F2_F11.DWG
GRANTHAM, RICK L (DOT)
Wednesday, November 26, 2014 1:10:57 PM

ADDENDUM NUMBER
2
ATTACHMENT NUMBER
6

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
MJ VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/26/14

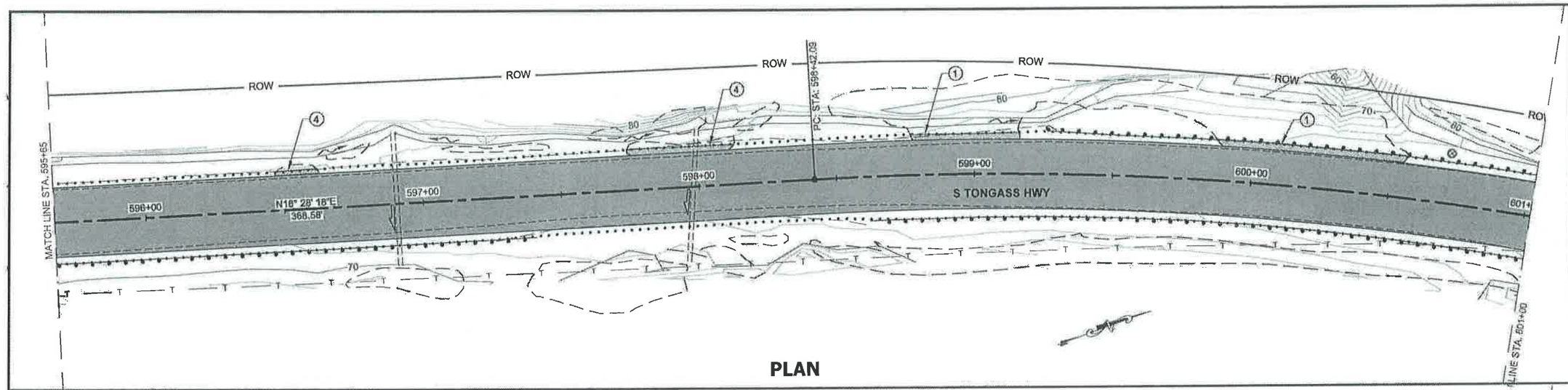
DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

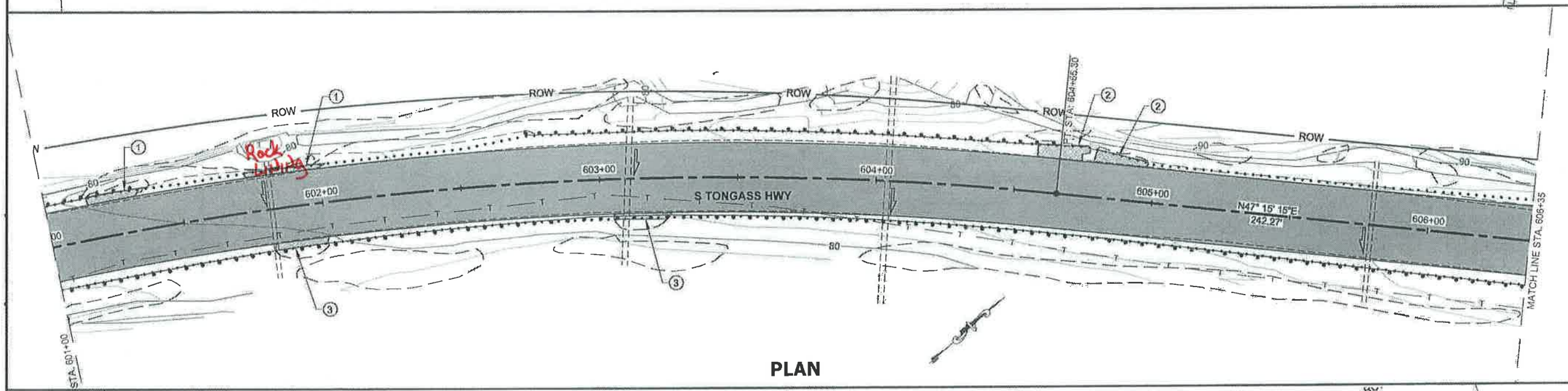
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F11	66



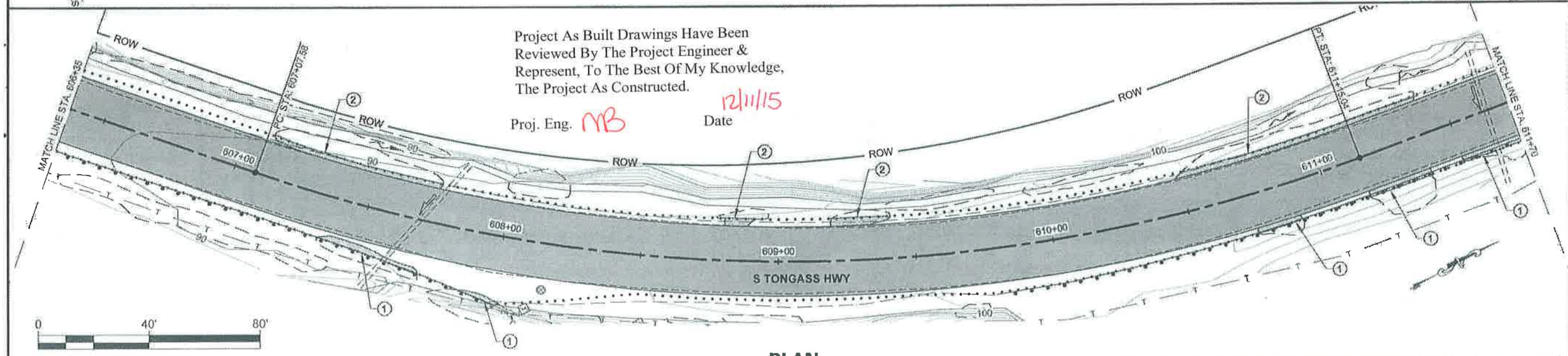
PLAN



PLAN

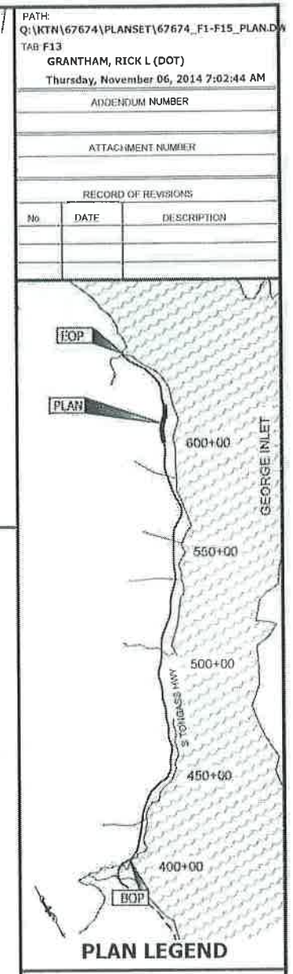
Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DW
TAB F13
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:02:44 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
MI VAN ALSTINE
CE-11802
PROFESSIONAL ENGINEER
11/6/14

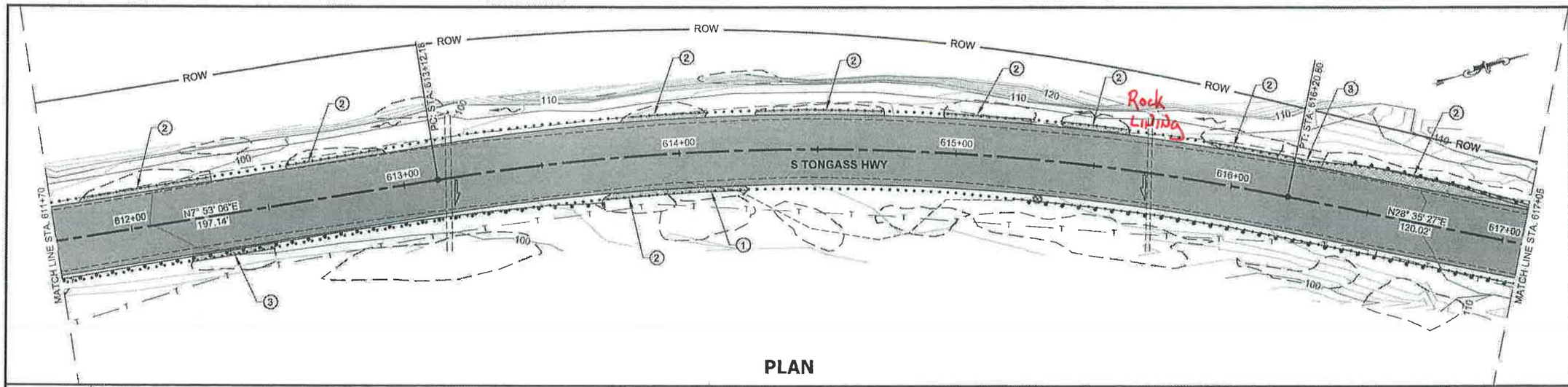
DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

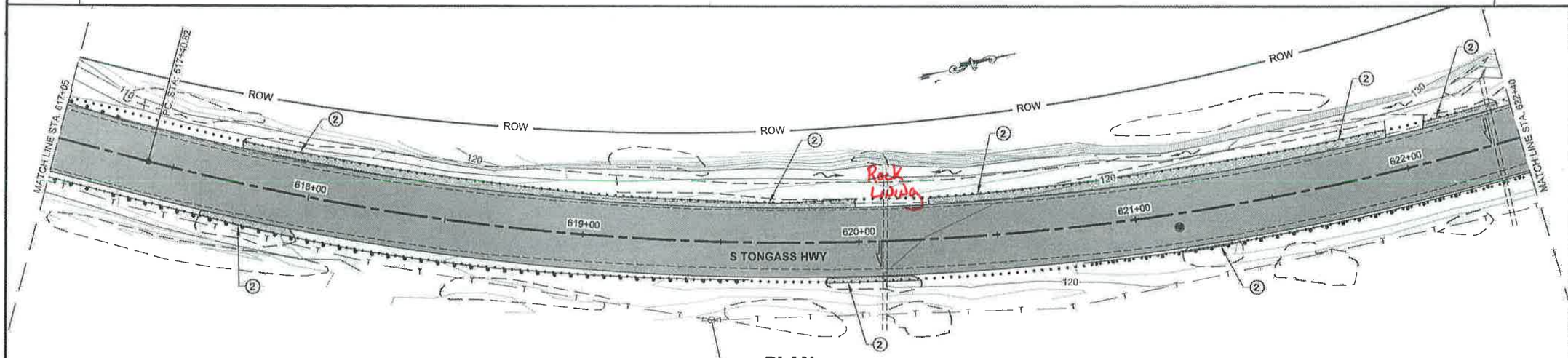
KTN-SOUTH TONGASS PAVING
PROJECT #67674

PLAN VIEW

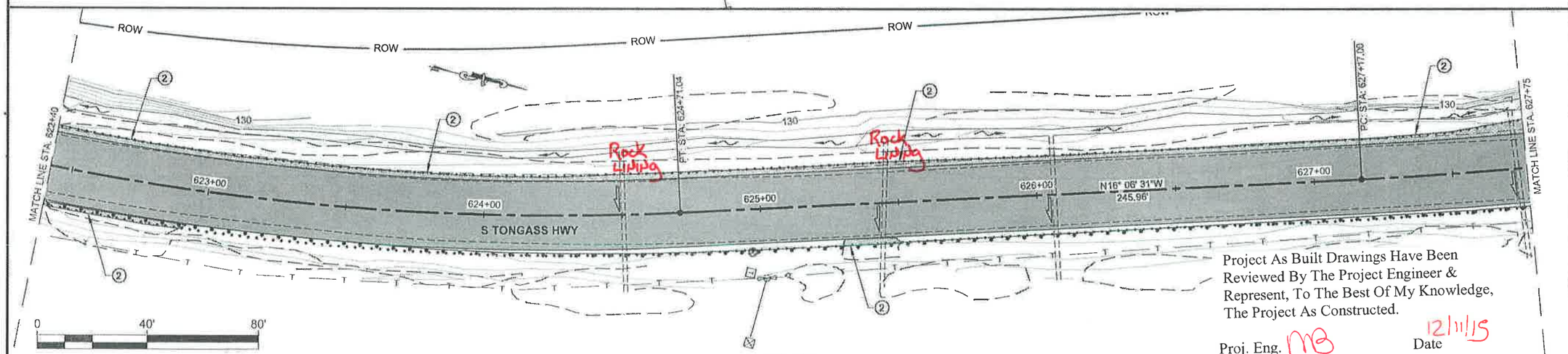
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F13	66



PLAN



PLAN



PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

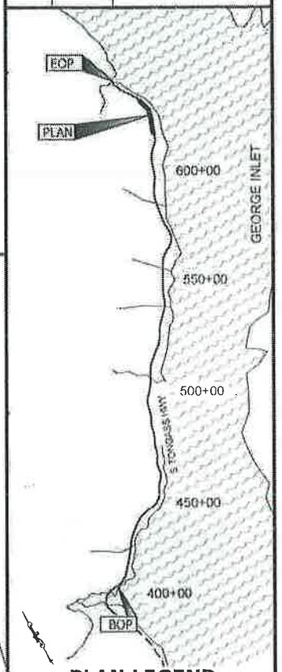
PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DW
TAB: F14
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:02:58 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
MU VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L.SEIFERT

DRAWN BY: R. GRANTHAM

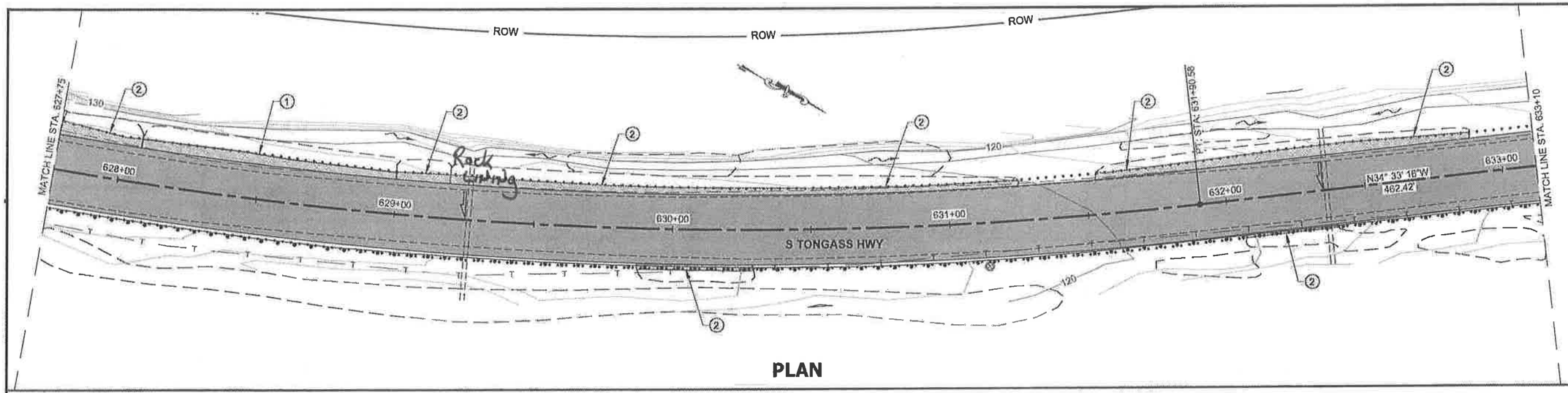
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

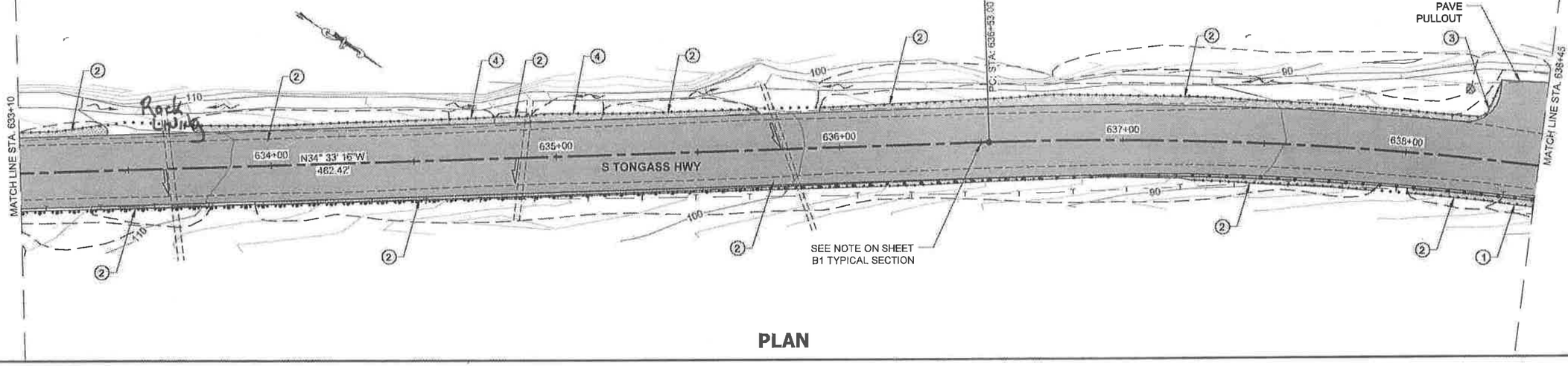
PLAN VIEW

PROJECT DESIGNATION
STP-NH-0902(040)~67674

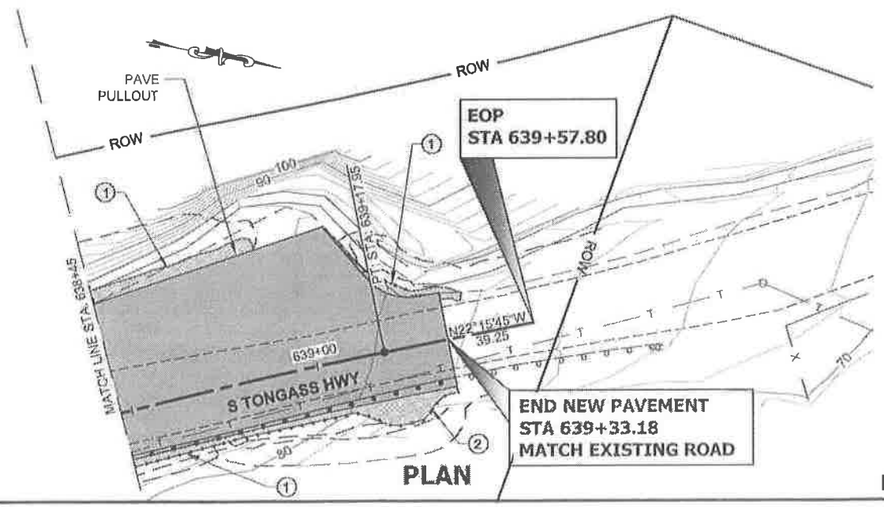
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F14	66



PLAN



PLAN



PLAN

0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

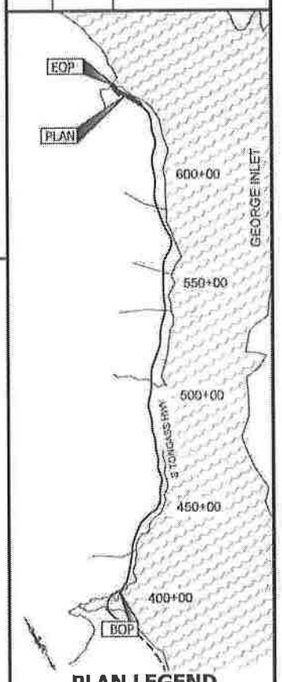
PATH: Q:\KTN\67674\PLANSET\67674_F1-F15_PLAN.DA
TAB: F15
GRANTHAM, RICK L (DOT)
Thursday, November 06, 2014 7:03:13 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 49th MATTHEW VAN ALSTINE CE-11802 PROFESSIONAL ENGINEER 11/6/14

DESIGNED BY: L. SEIFERT

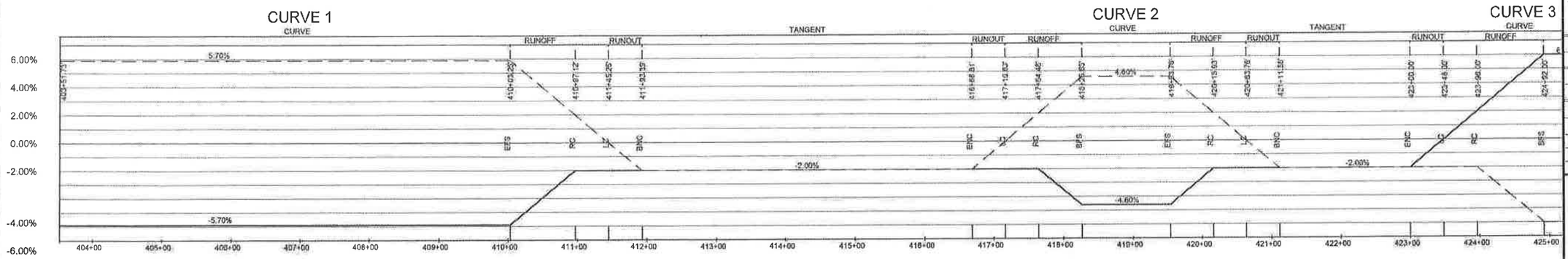
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

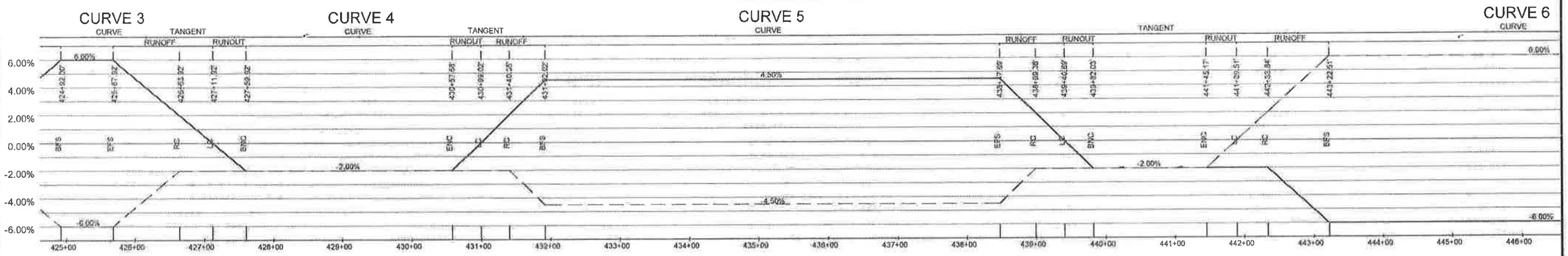
PLAN VIEW

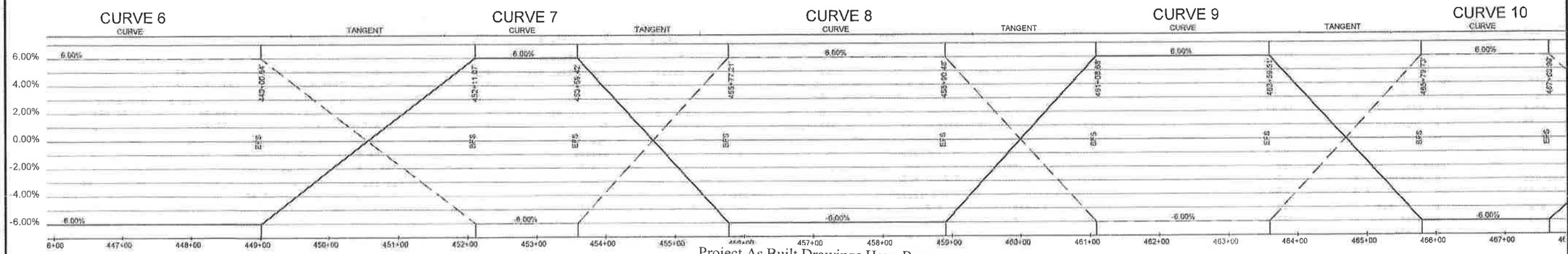
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F15	66



LEGEND

ENC:	END NORMAL CROWN
LC:	LEVEL CROWN
RC:	REVERSE CROWN
BFS:	BEGIN FULL SUPERELEVATION
EFS:	END FULL SUPERELEVATION
	LEFT EDGE
	RIGHT EDGE





Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MAB 12/11/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_G1-04_SUPER.DWG
TAB: G1
GRANTHAM, RICK L (DOT)
Wednesday, November 05, 2014 7:47:37 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 4911 M. VAN ALSTINE CE-11802 REGISTERED PROFESSIONAL ENGINEER 11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

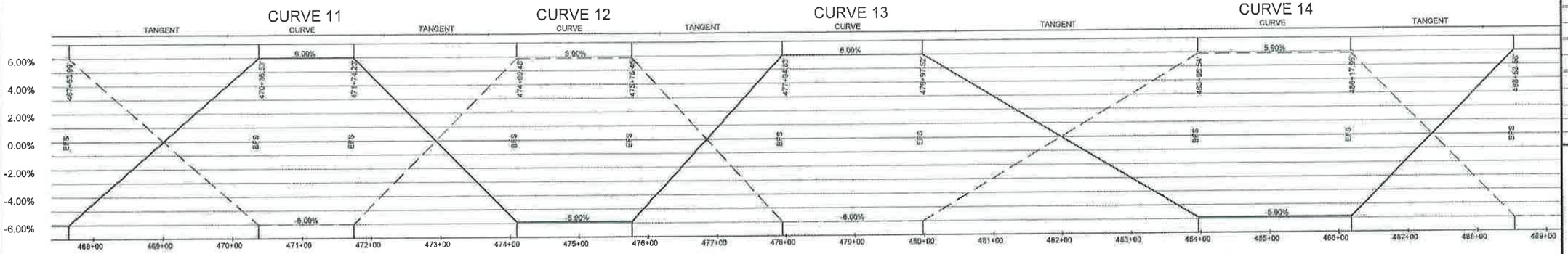
KTN-SOUTH TONGASS PAVING
PROJECT #67674

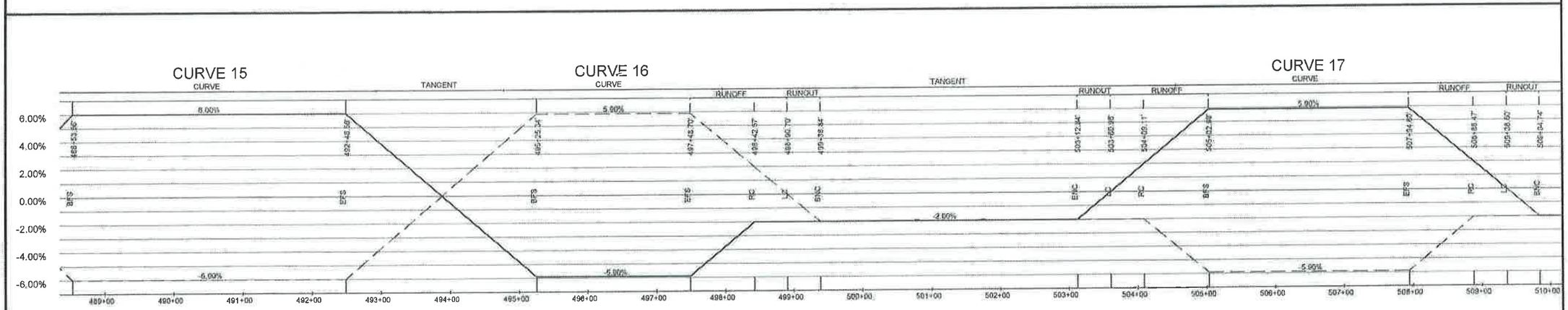
SUPERELEVATION PROFILE

PROJECT DESIGNATION

STP-NH-0902(040)~67674

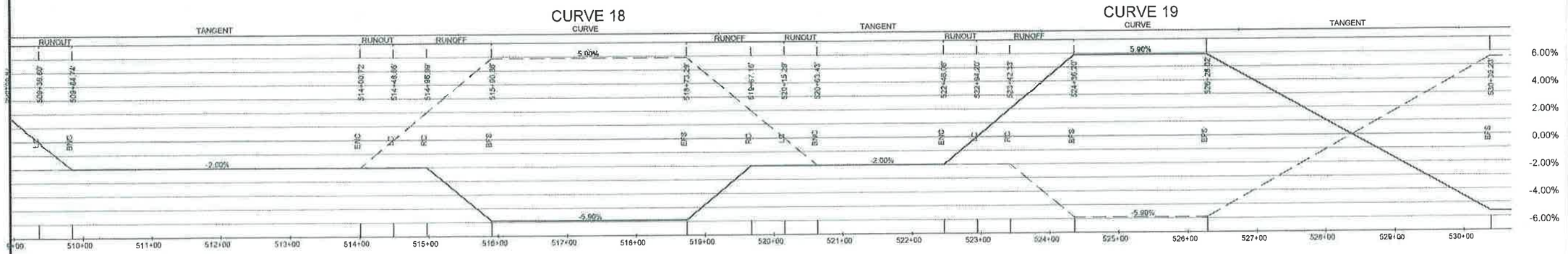
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
G1	66





Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15
Date



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_G1-G4_SUPER.DWG
TAB: G2
GRANTHAM, RICK L (DOT)
Wednesday, November 05, 2014 7:47:56 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
M VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

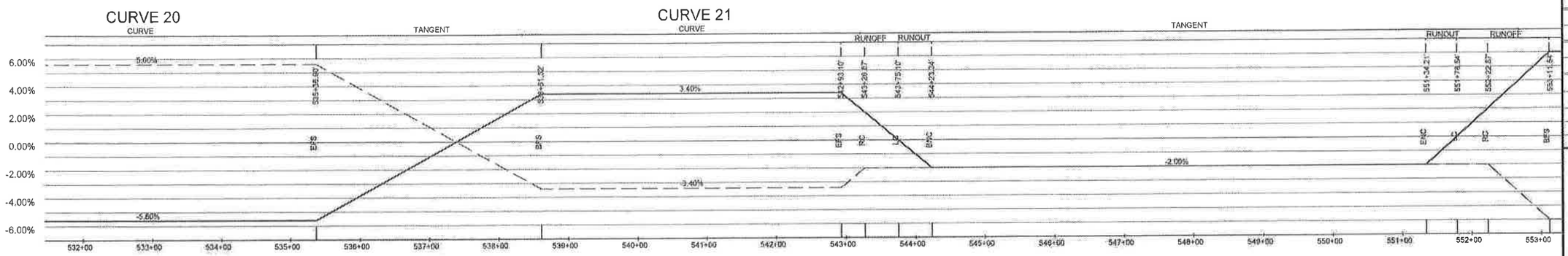
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

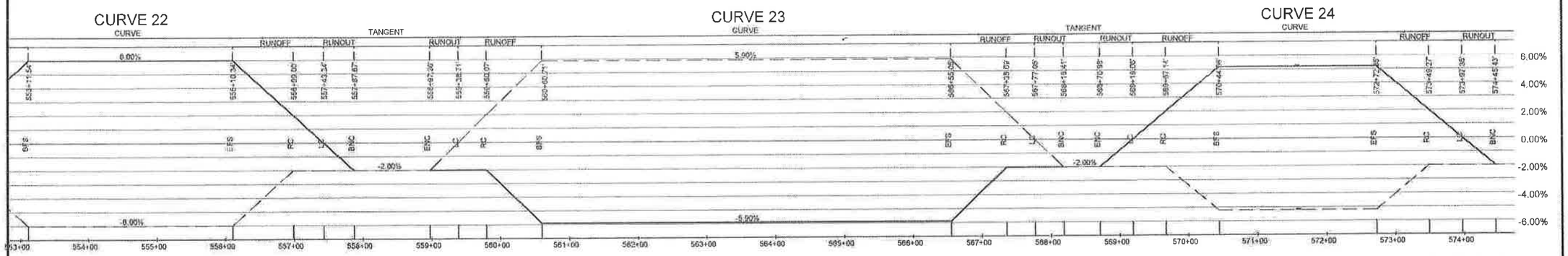
KTN-SOUTH TONGASS PAVING
PROJECT #67674

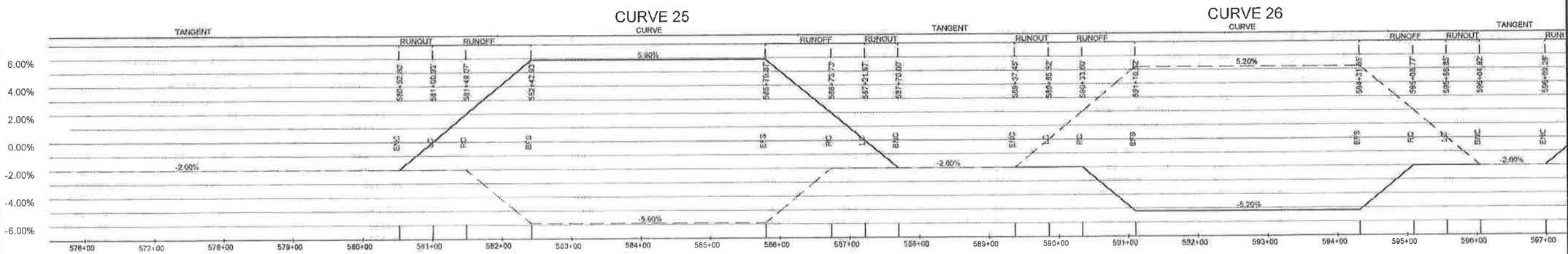
SUPERELEVATION PROFILE

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
G2	66







Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_G1-G4_SUPER.DWG
TAB: G3
GRANTHAM, RICK L (DOT)
Wednesday, November 05, 2014 7:48:04 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA
49th
M. VAN ALSTINE
CE-11802
REGISTERED PROFESSIONAL ENGINEER
11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

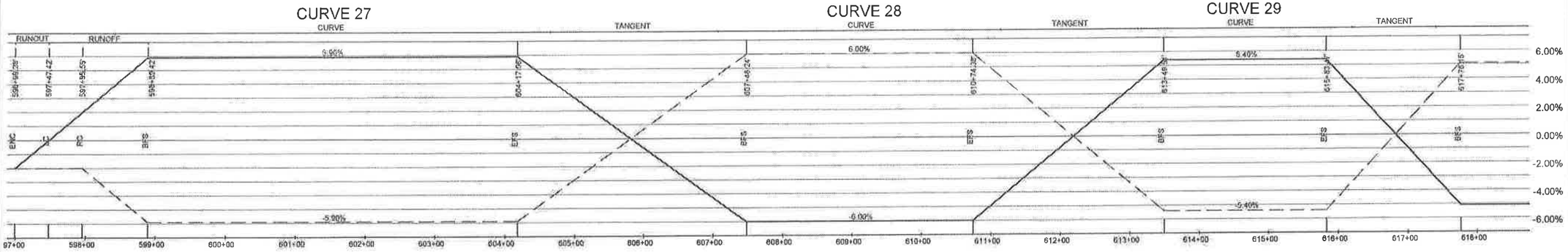
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

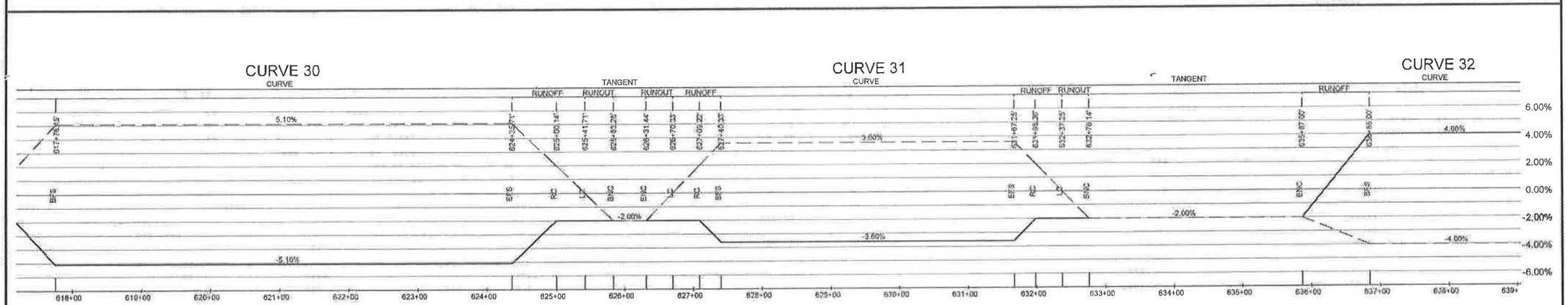
KTN-SOUTH TONGASS PAVING
PROJECT #67674

SUPERELEVATION PROFILE

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
G3	66





Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MVB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_G1-G4_SUPER.DWG
TAB: G4
GRANTHAM, RICK L (DOT)
Wednesday, November 05, 2014 7:48:12 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

STATE OF ALASKA 49th M VAN ALSTINE CE-11802 REGISTERED PROFESSIONAL ENGINEER 11/6/14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

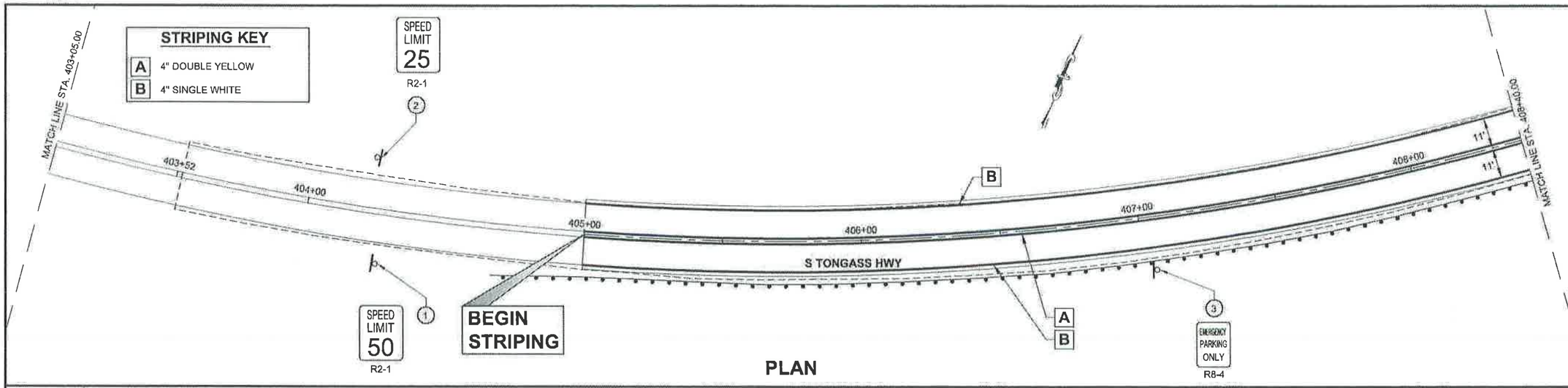
KTN-SOUTH TONGASS PAVING
PROJECT #67674

SUPERELEVATION PROFILE

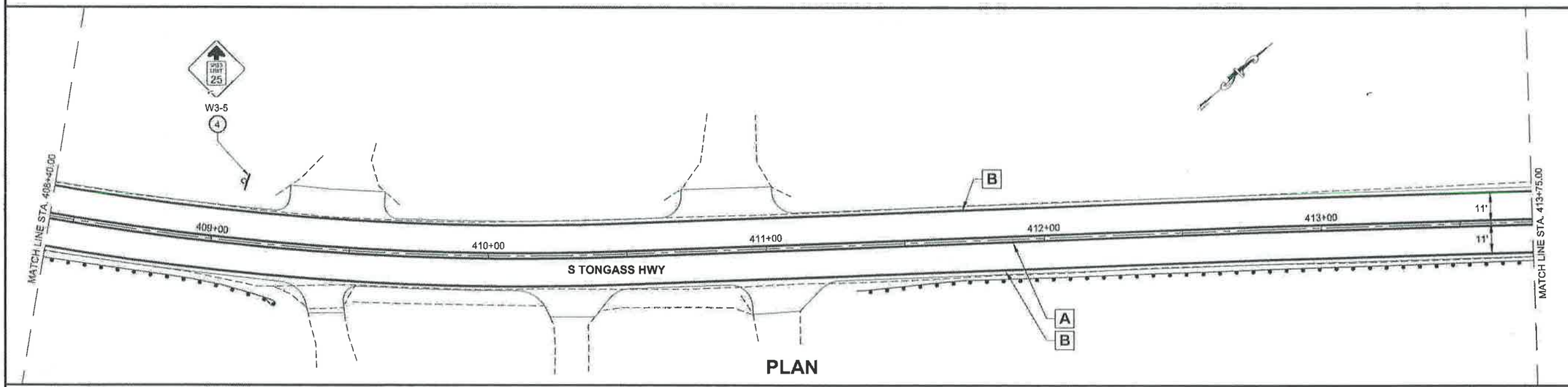
PROJECT DESIGNATION

STP-NH-0902(040)~67674

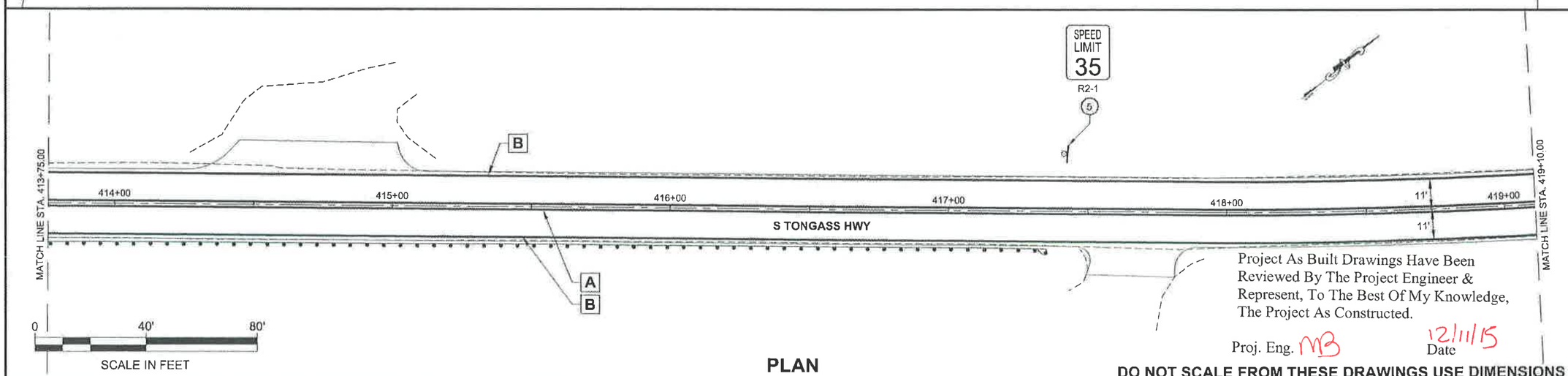
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
G4	66



PLAN



PLAN

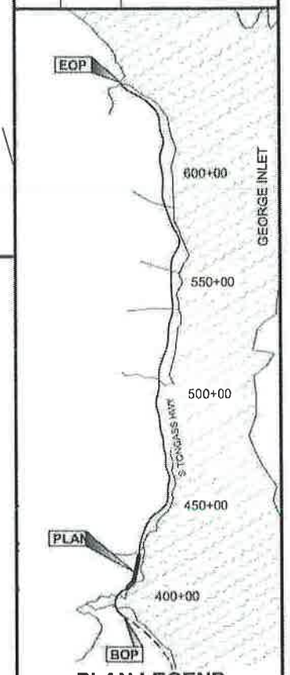


PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H1
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:43:12 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 69th David Bruce Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER 11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

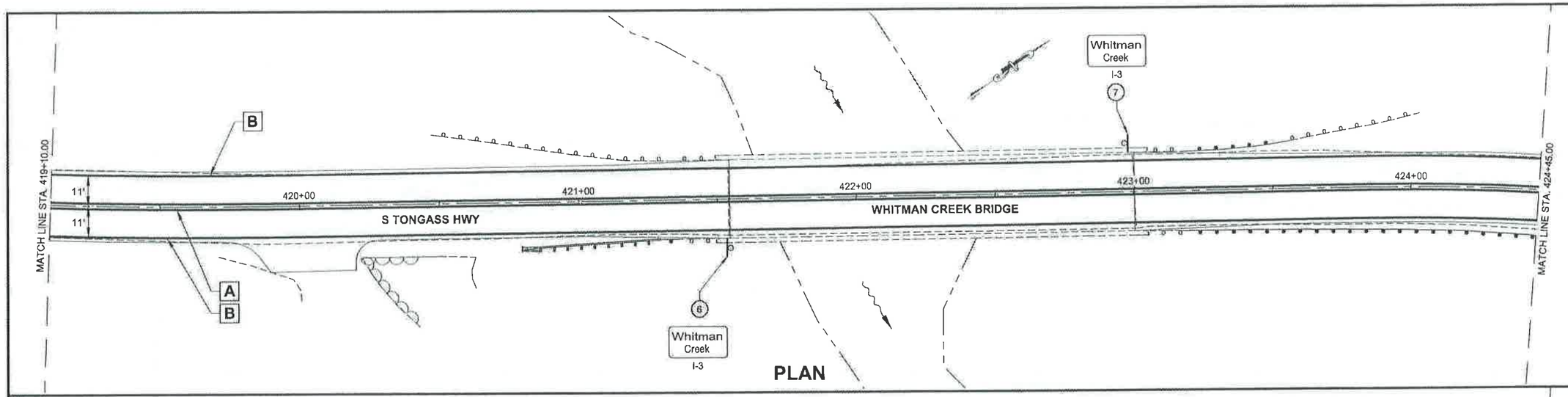
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

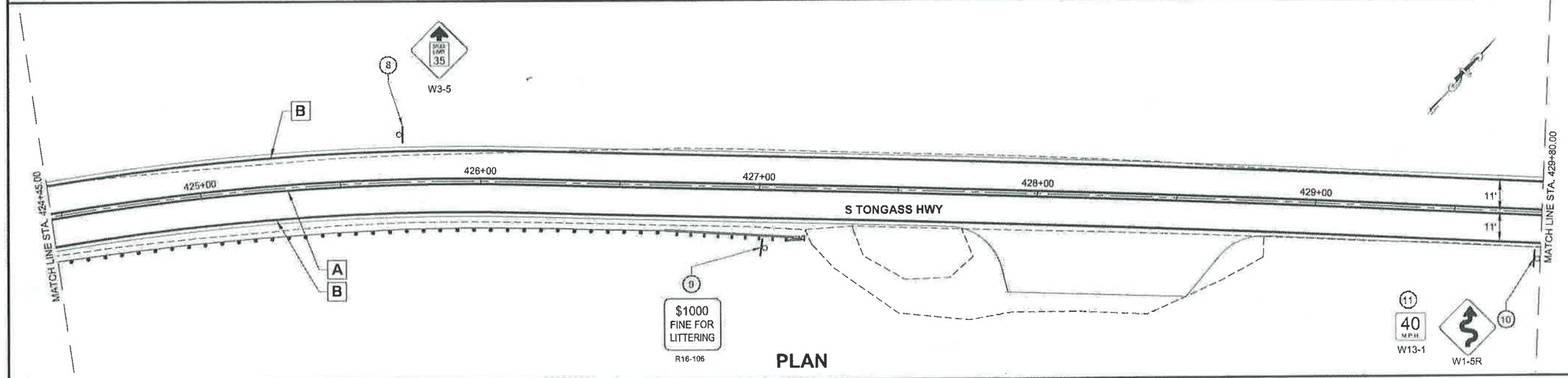
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

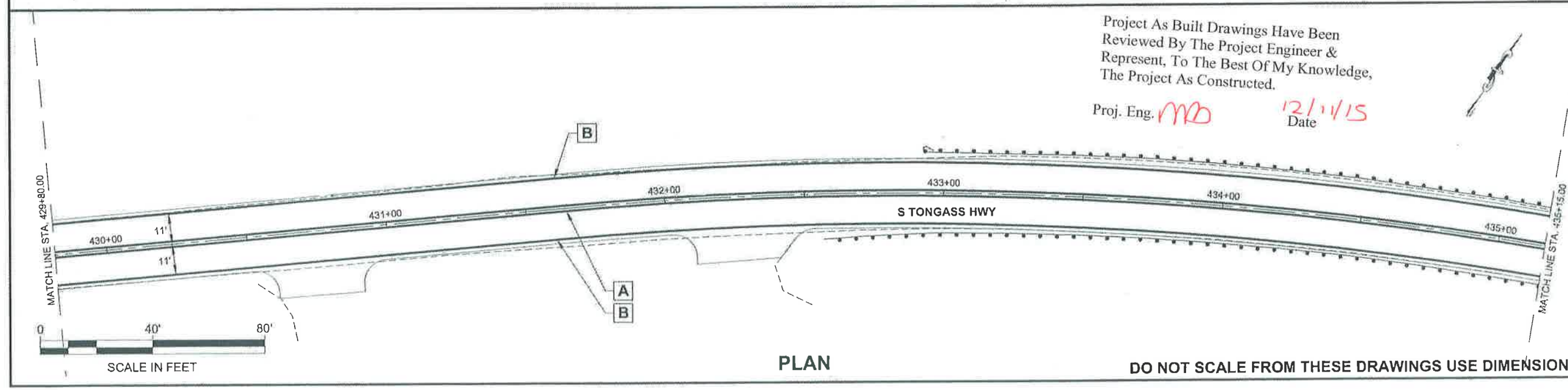
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H1	66



PLAN



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MD 12/11/15 Date

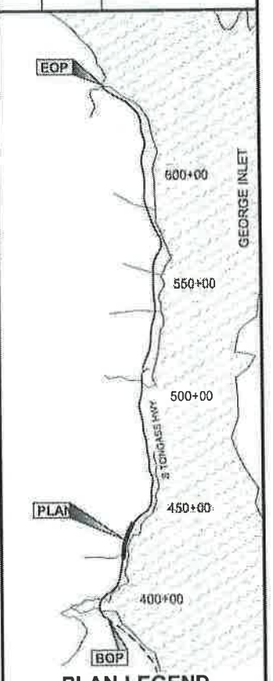
PATH: Q:\KTN\67674\PLANSET\67674_H1-H13_STRIPE.DWG
TAB: H2
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:43:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
40th
David Bruce Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

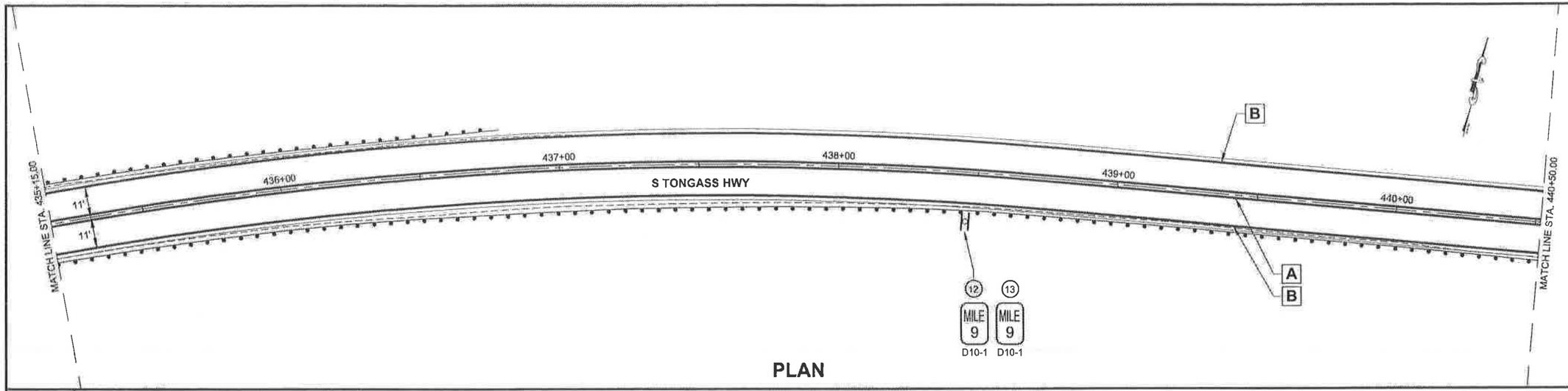
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

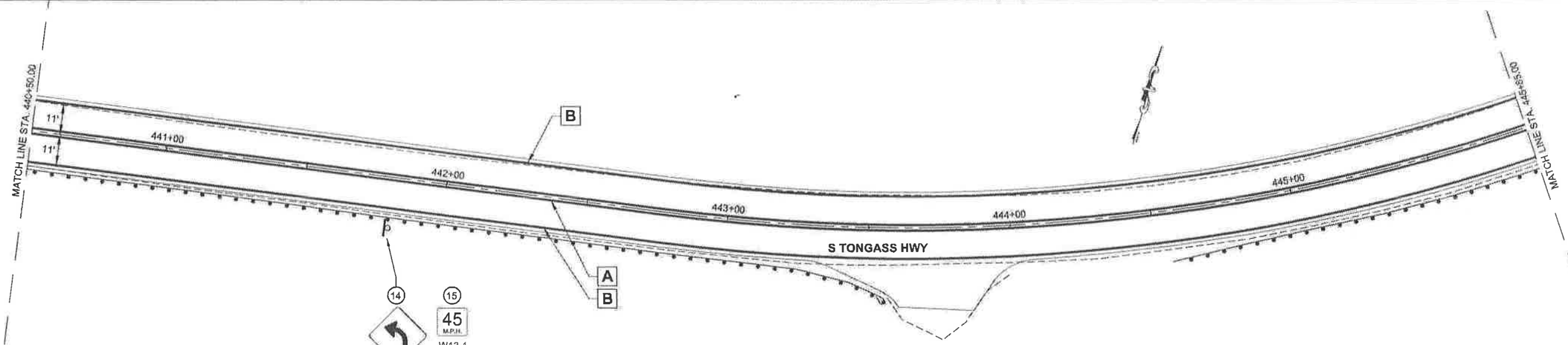
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

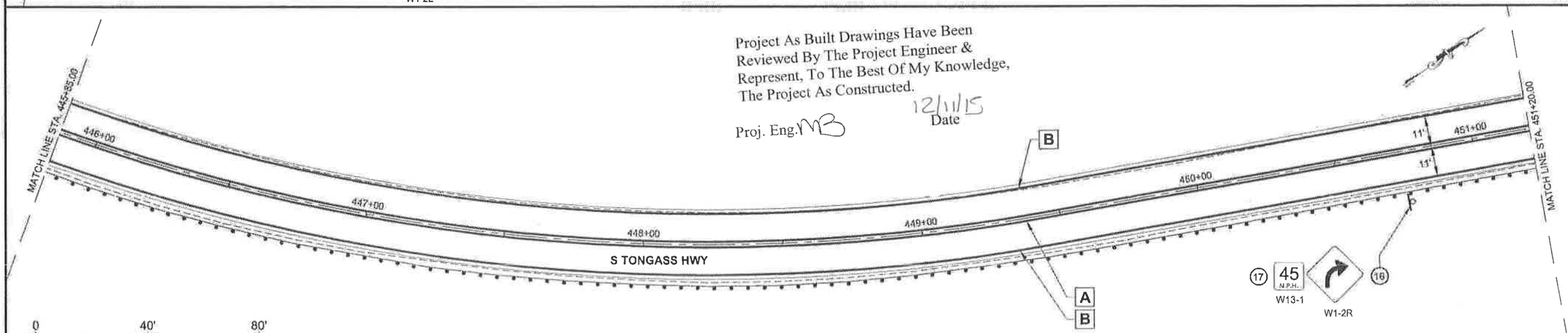
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H2	66



PLAN



PLAN



Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15

0 40' 80'

SCALE IN FEET

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

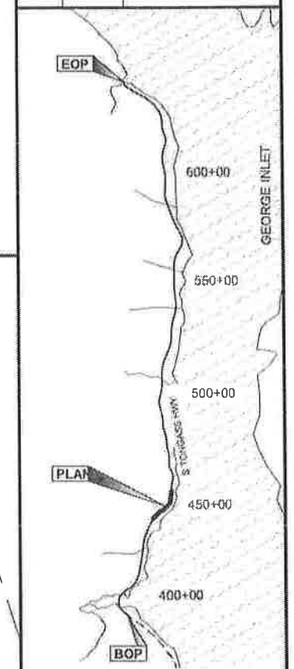
PATH:
Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H3
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:44:34 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
19th
David Bruce Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

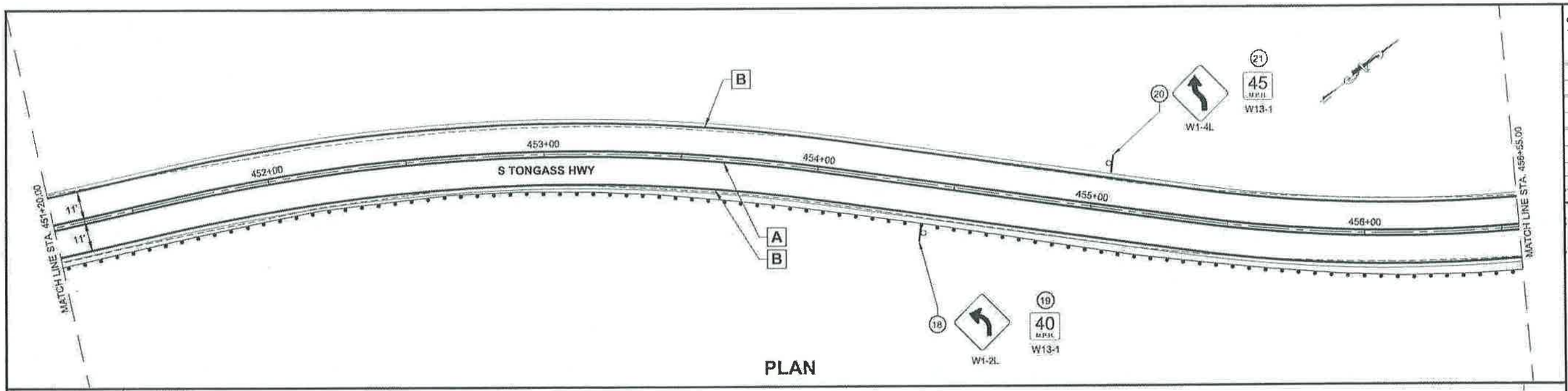
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

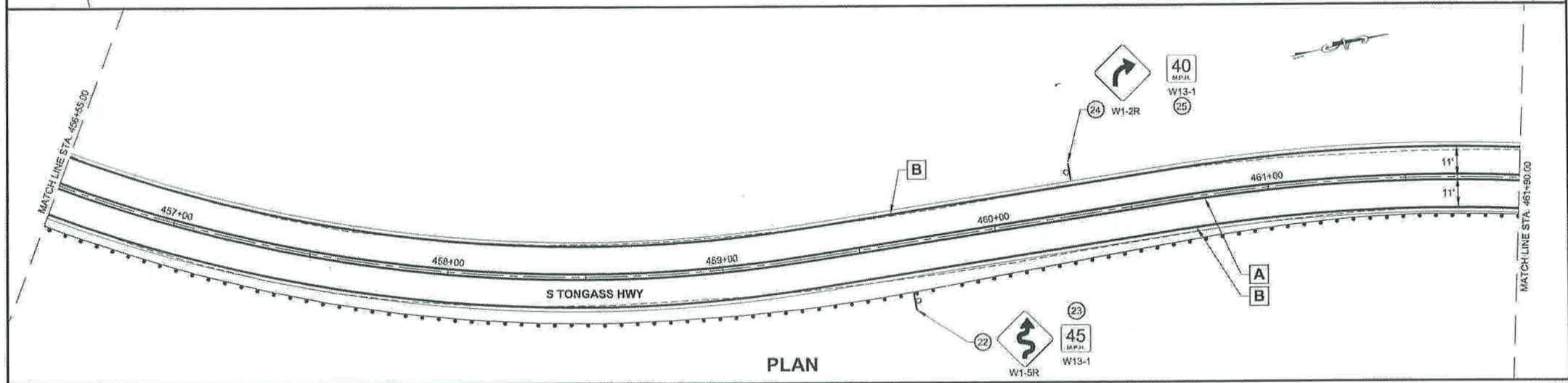
KTN-SOUTH TONGASS PAVING
PROJECT #67674

SIGNING & STRIPING

PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H3	66



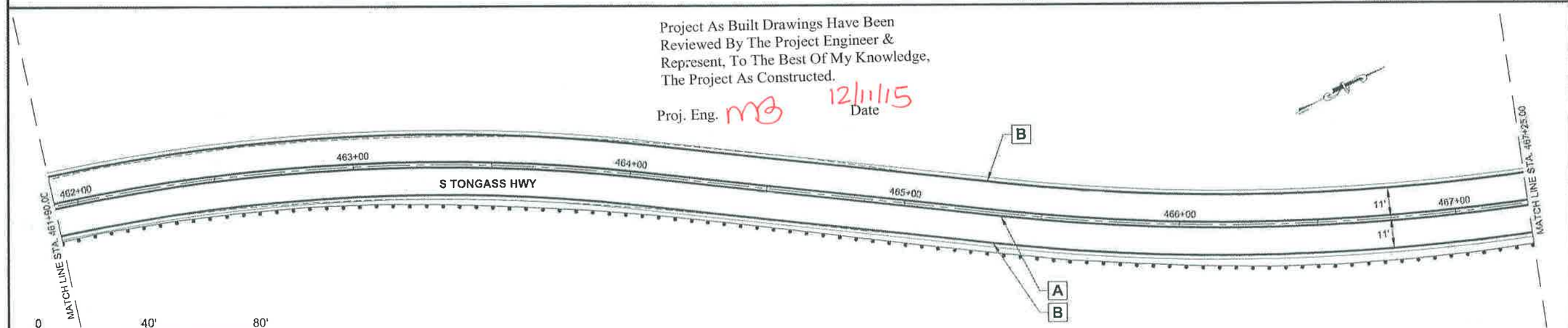
PLAN



PLAN

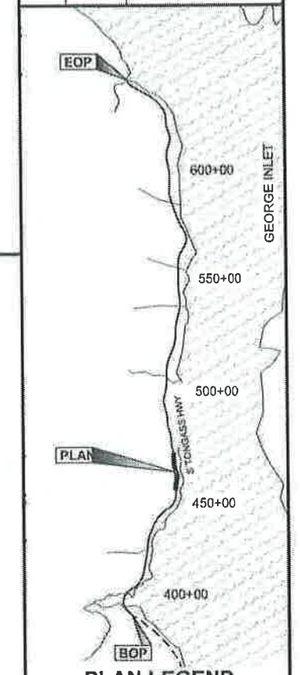
Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15 Date



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DW
TAB: H4
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:44:55 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
David Bruce Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

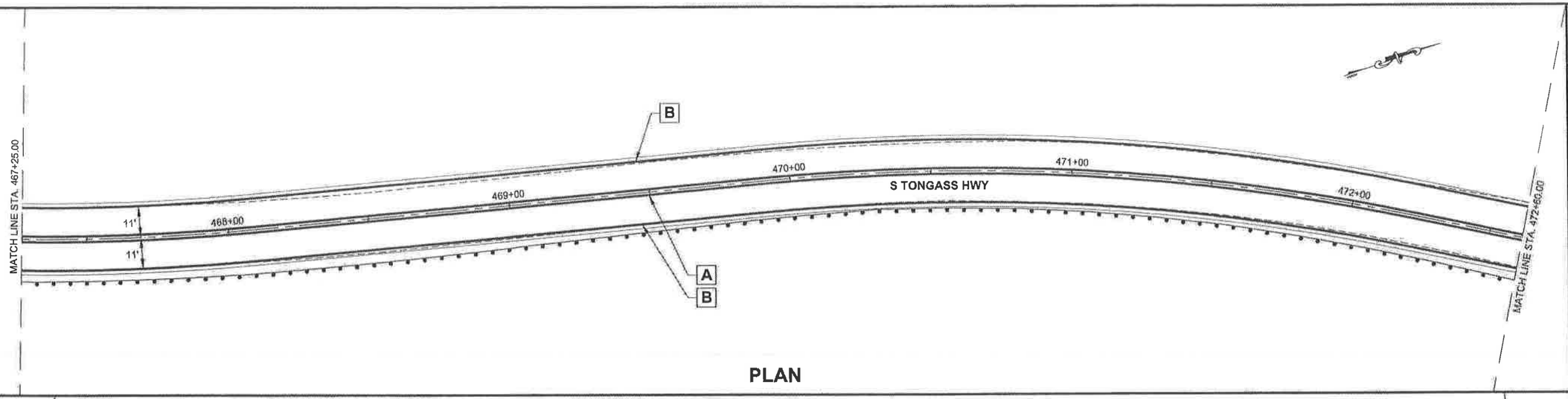
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

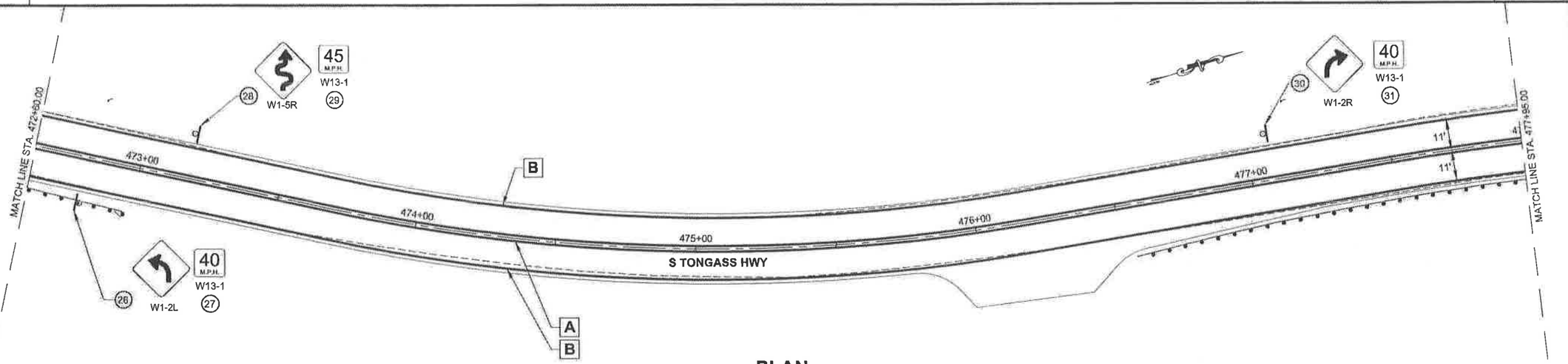
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

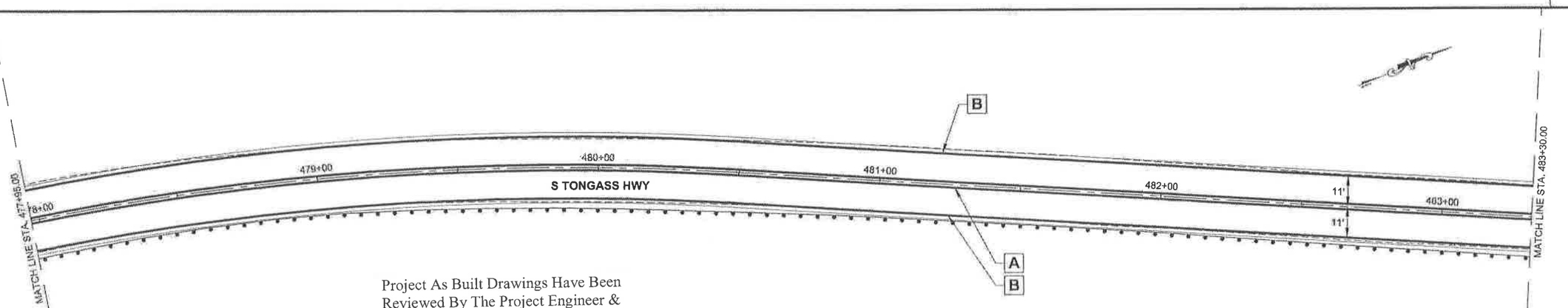
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H4	66



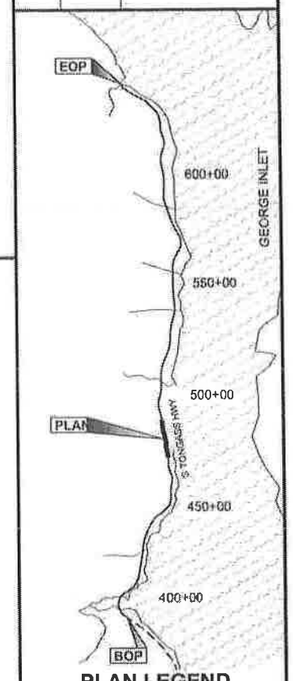
PLAN



PLAN



PLAN



PLAN LEGEND

0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H5
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:45:23 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
David Brise Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11-6-14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

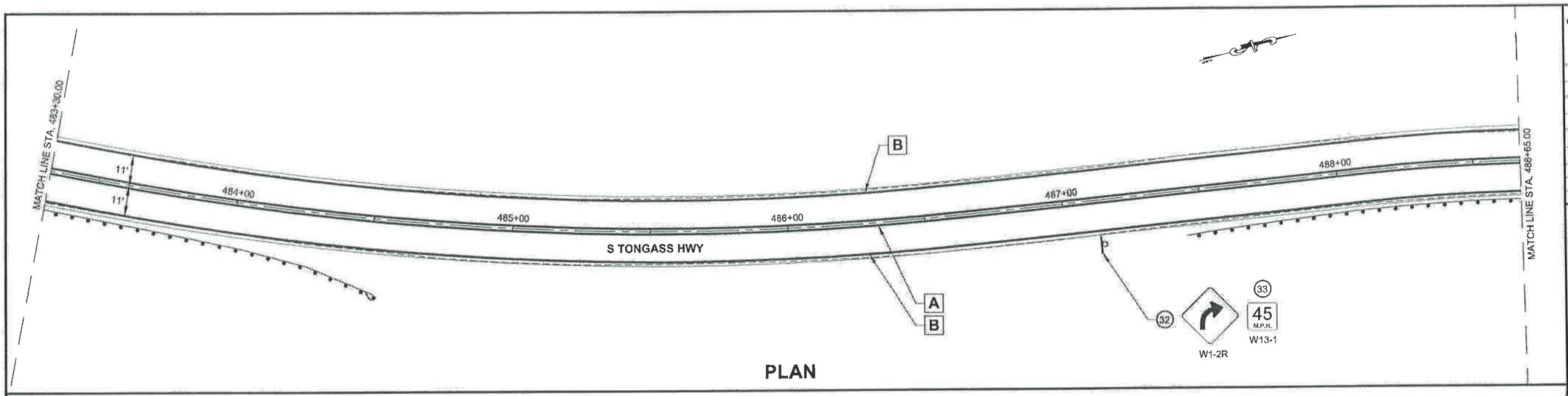
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

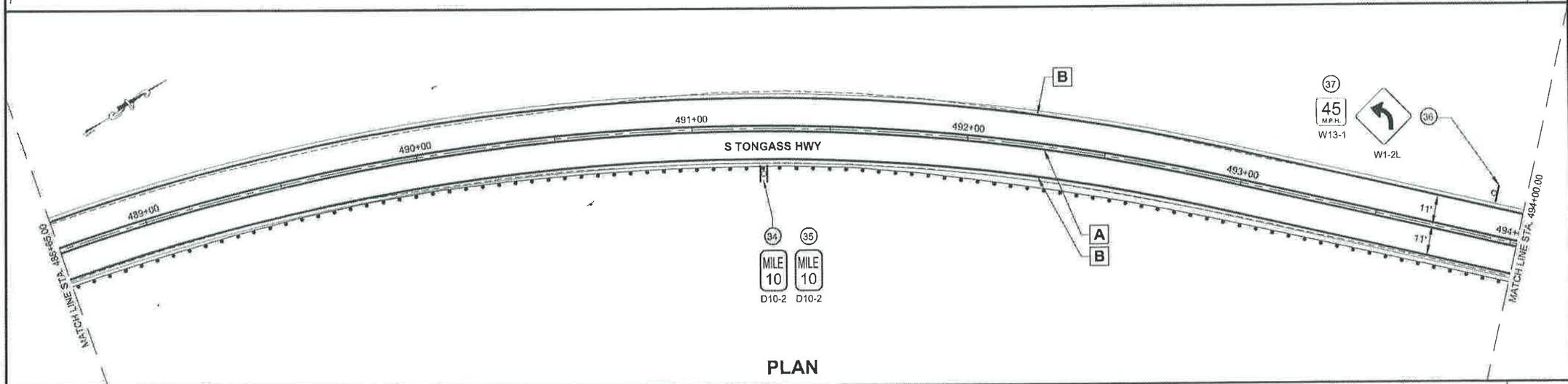
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H5	66



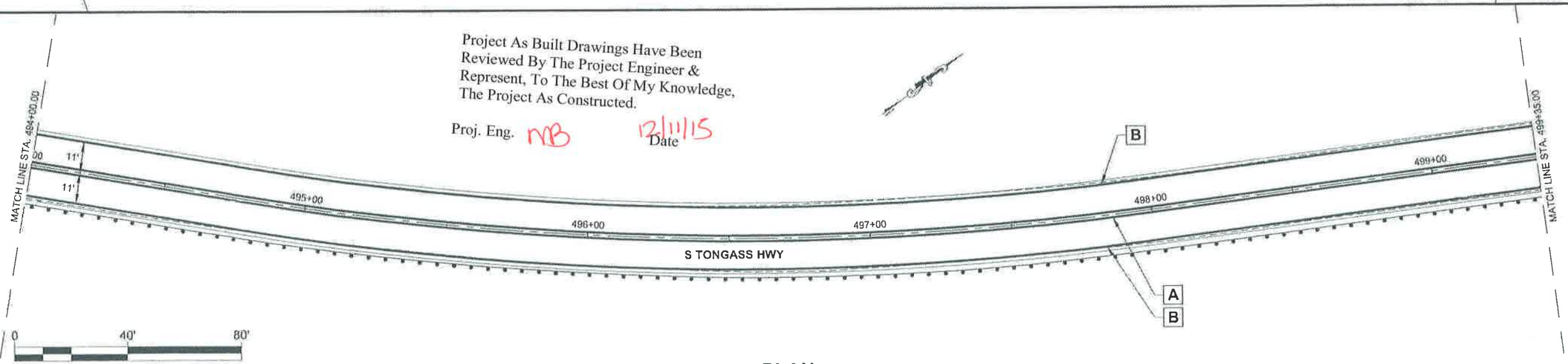
PLAN



PLAN

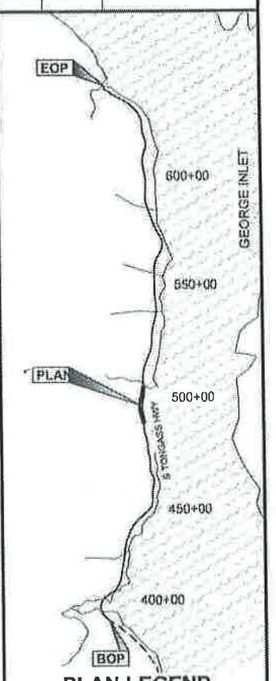
Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. NB 12/11/15 Date



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H6
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:45:45 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
David Bruce Epstein
CE-6866
PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

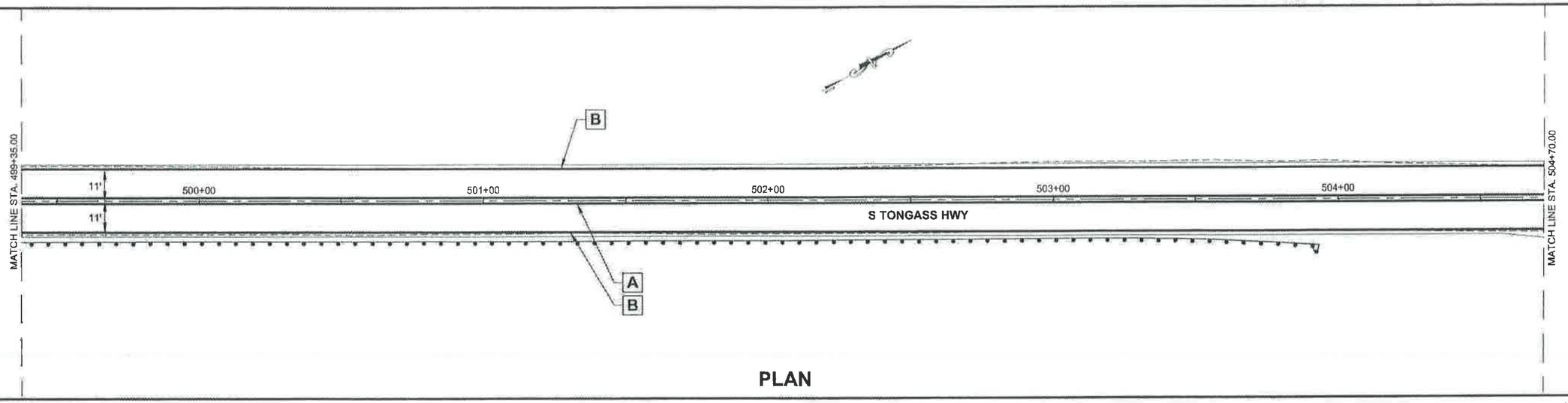
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

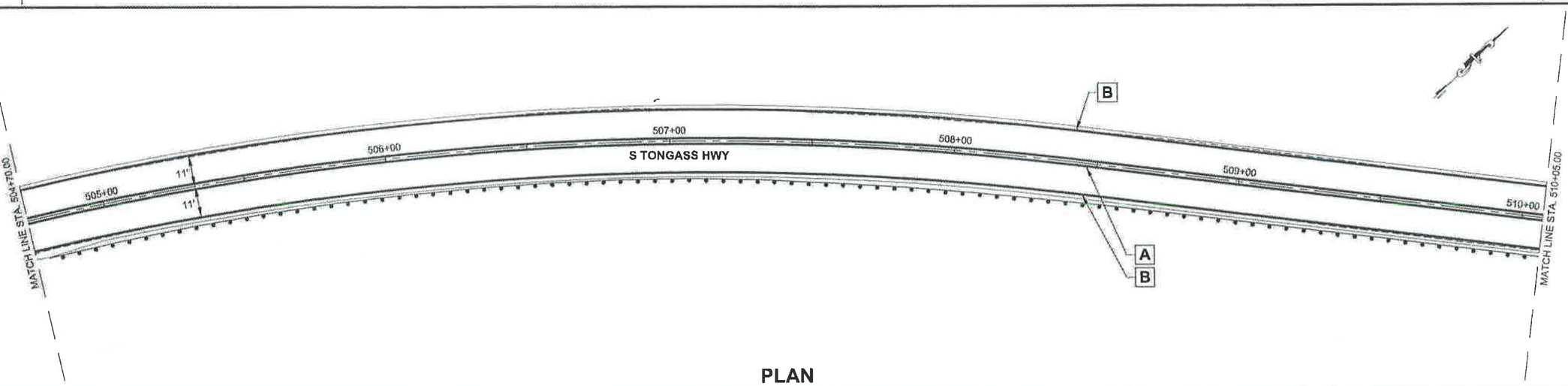
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

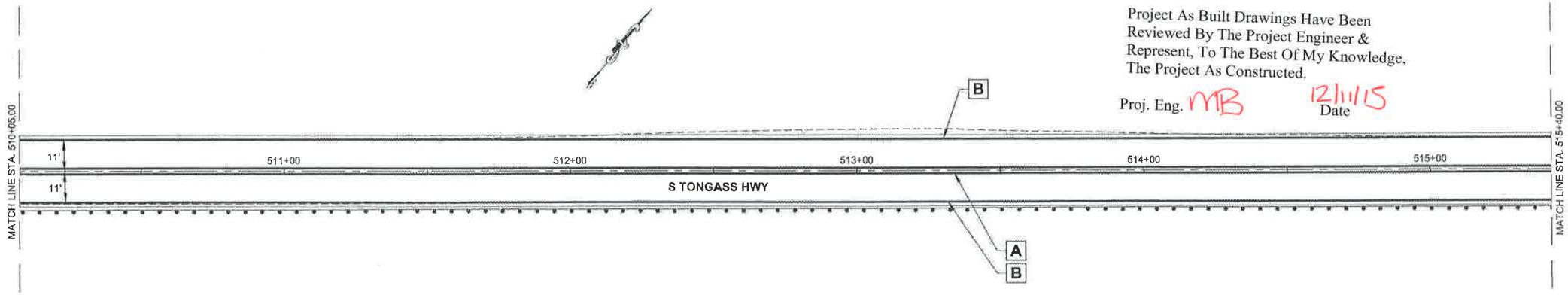
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H6	66



PLAN



PLAN



PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/1/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

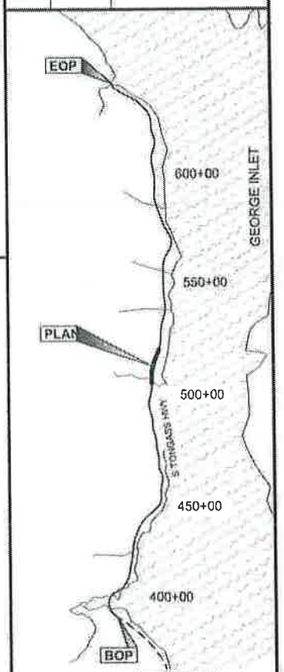
PATH:
Q:\KTN\67674\PLANSET\67974_H1-H15_STRIPE.DWG
TAB: H7
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:46:04 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
David Bruce Epstein
CE-6865
PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

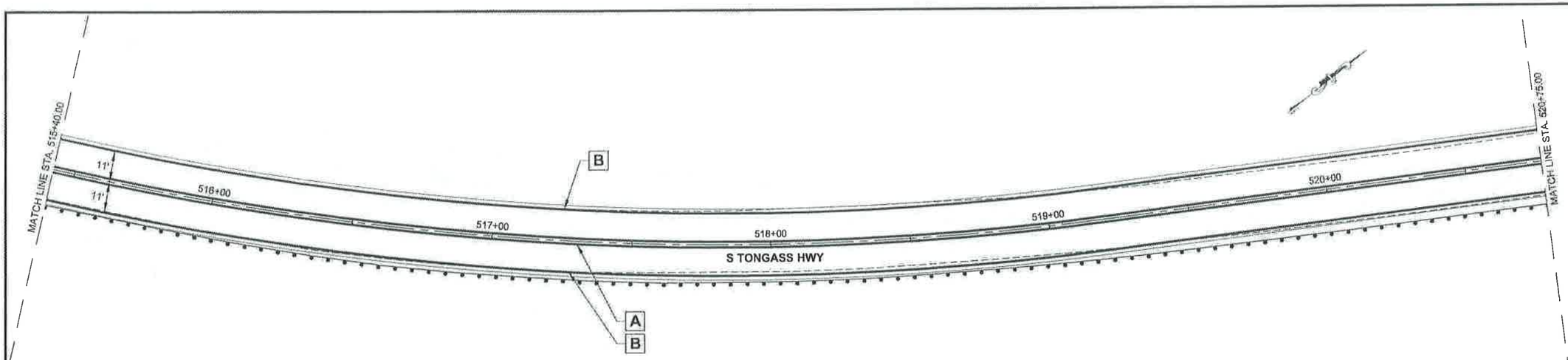
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

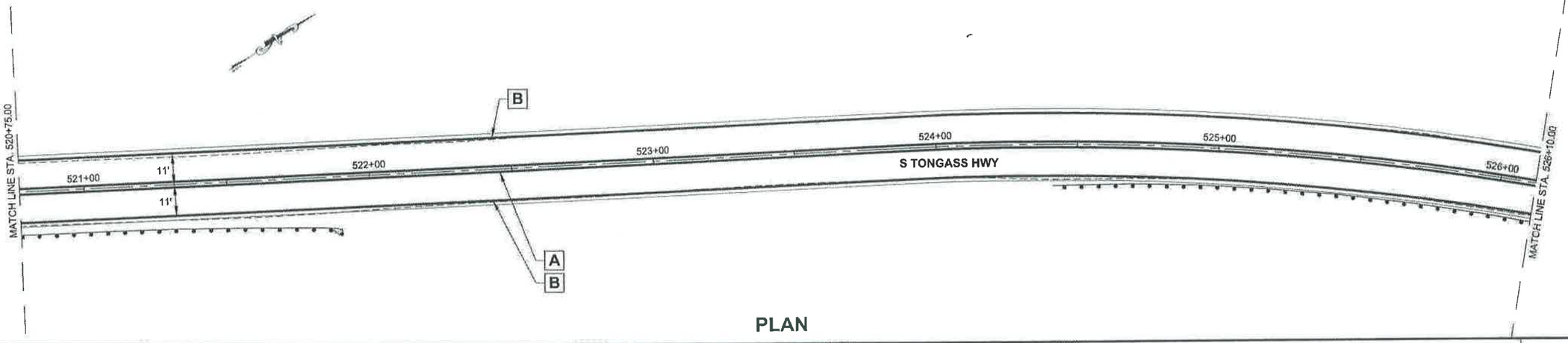
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H7	66



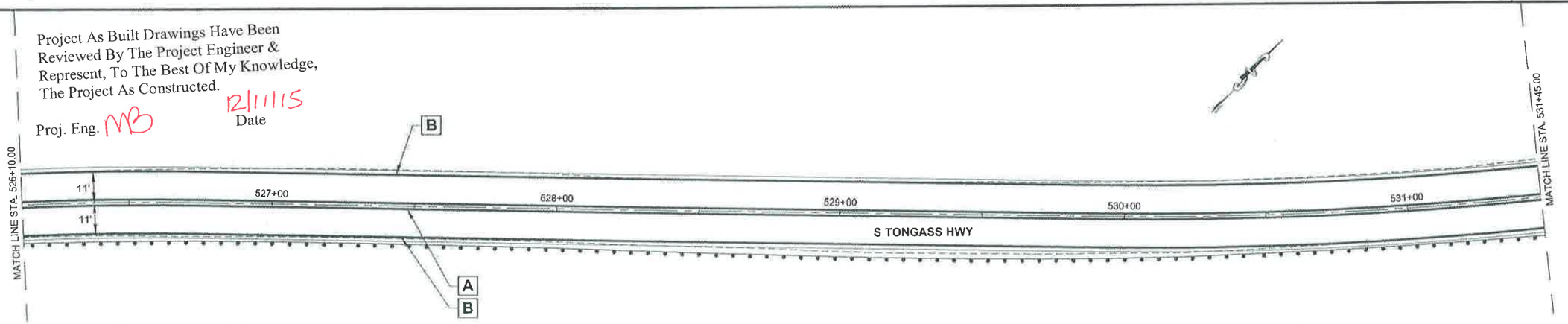
PLAN



PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15
Date



0 40' 80'

SCALE IN FEET

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

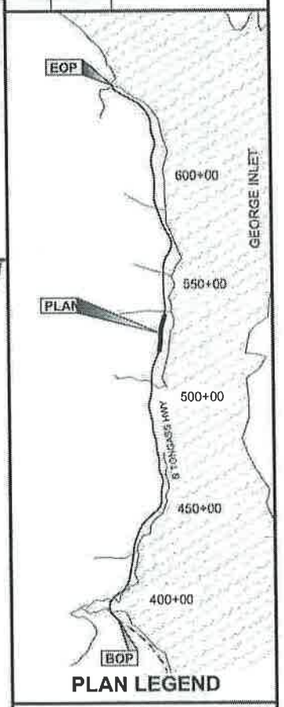
PATH:
Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H8
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:46:20 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
David Bruce Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11-6-14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

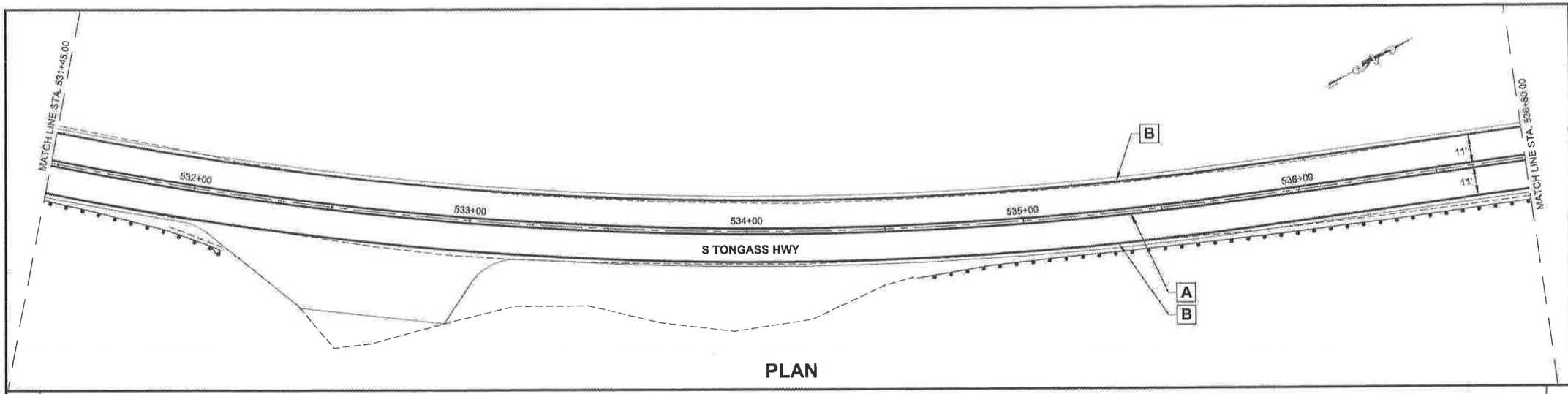
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

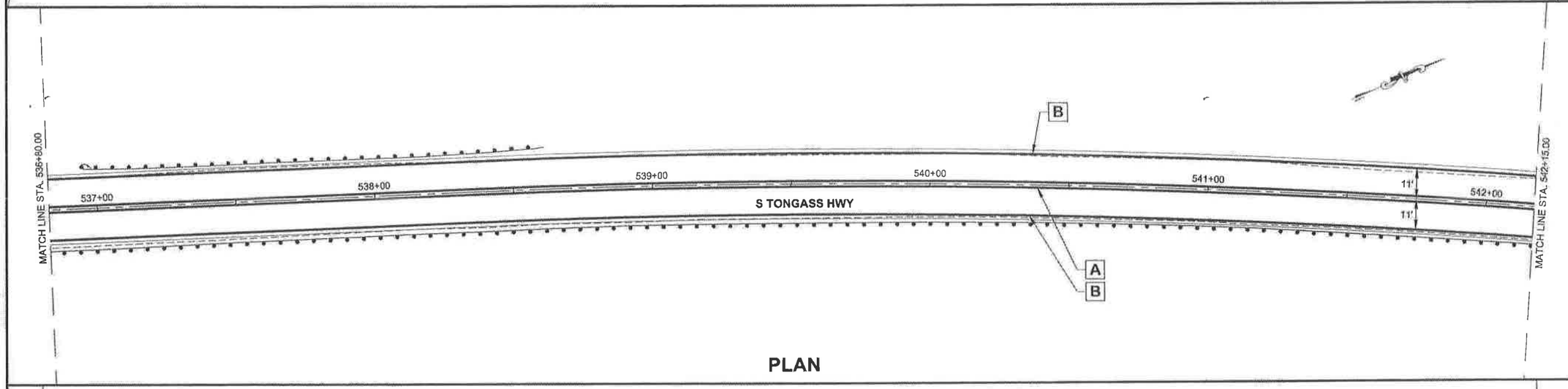
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

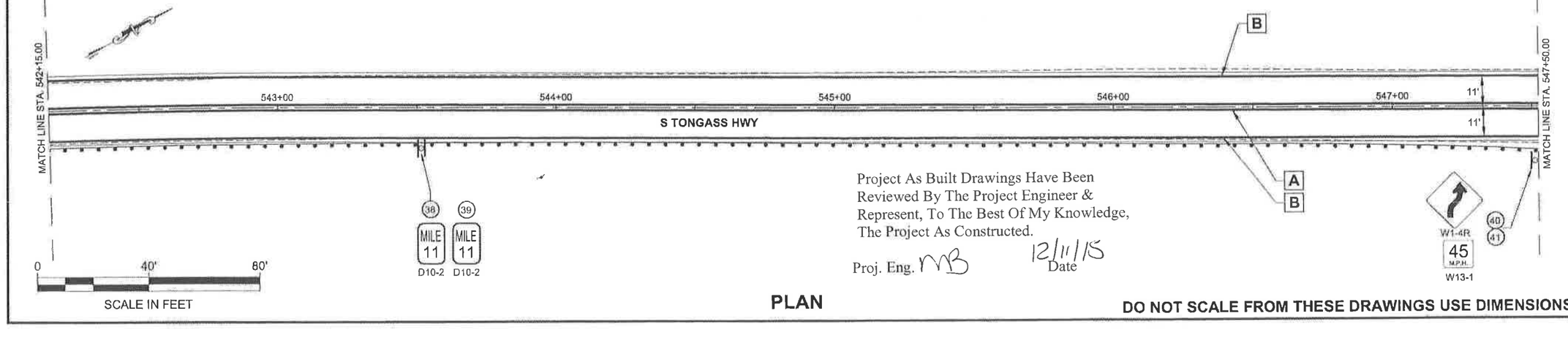
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H8	66



PLAN



PLAN

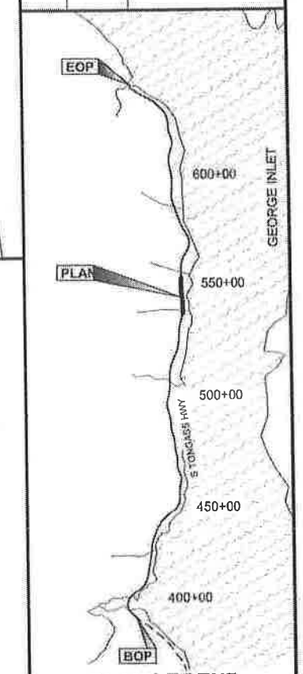


PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H9
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:46:45 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
David Bruce Epstein
CE-6866
PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

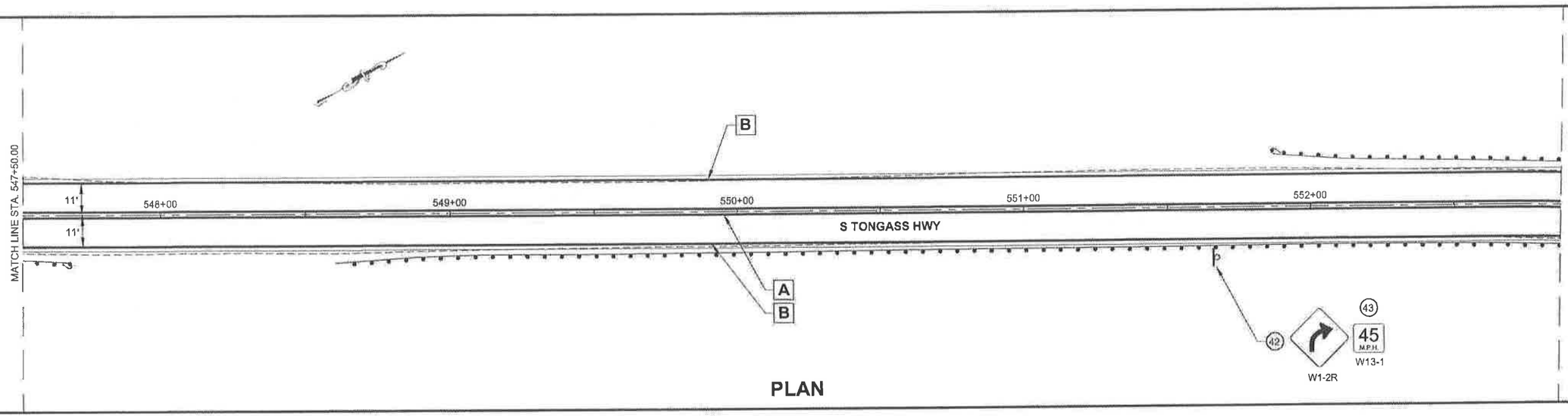
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

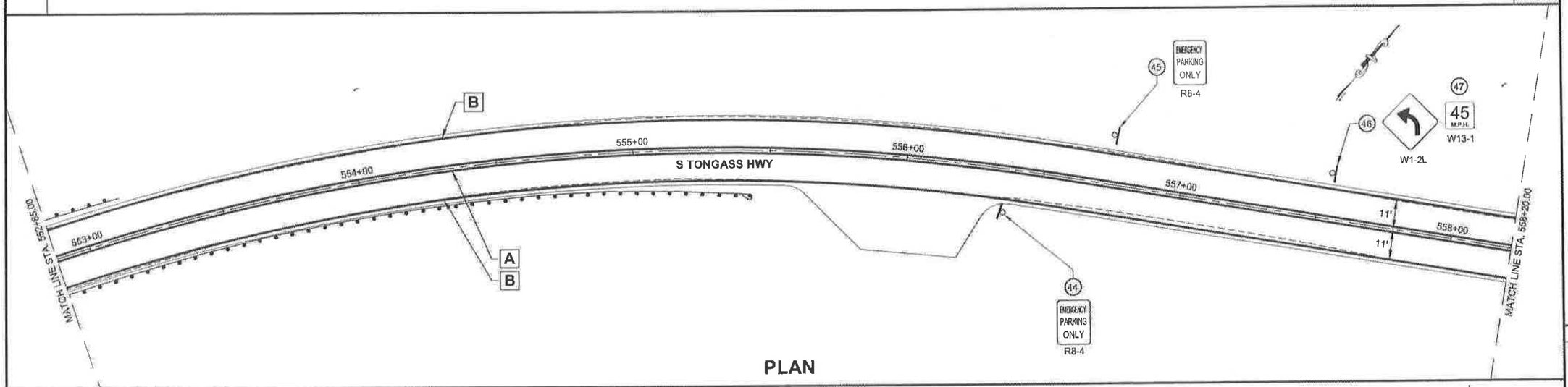
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

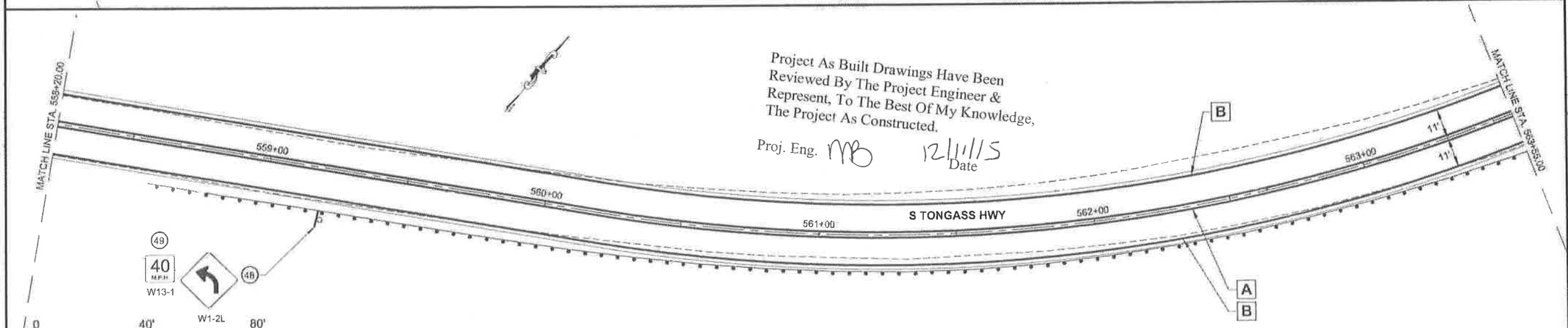
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H9	66



PLAN



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. RMB 12/11/15
Date

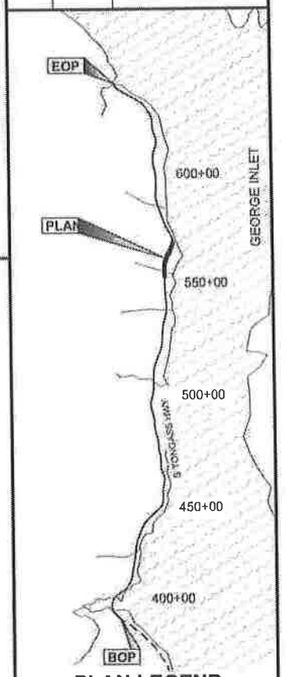
PATH: C:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H10
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:47:03 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D.EPSTEIN

STATE OF ALASKA
David Bruce Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11-20-14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

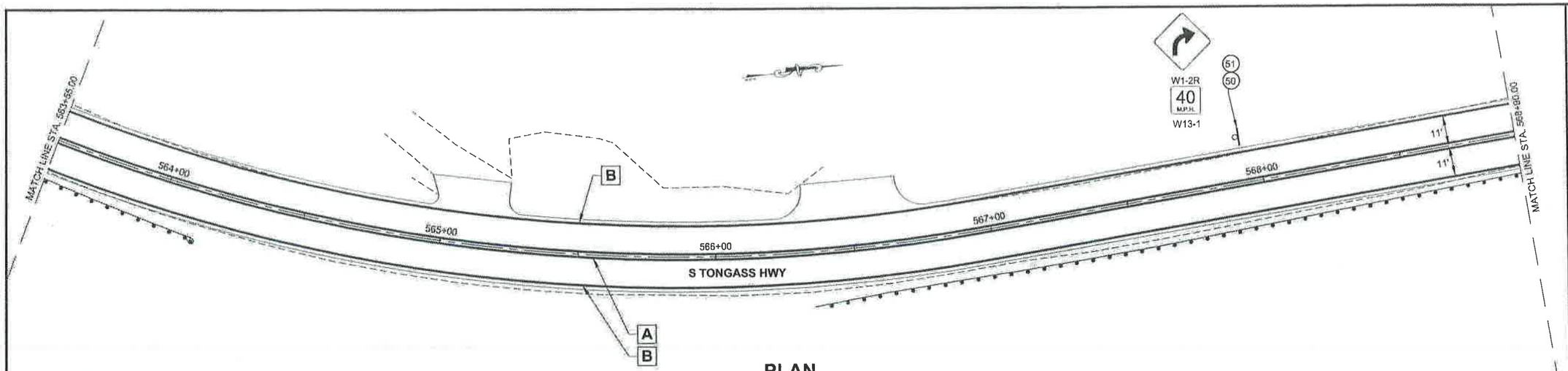
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

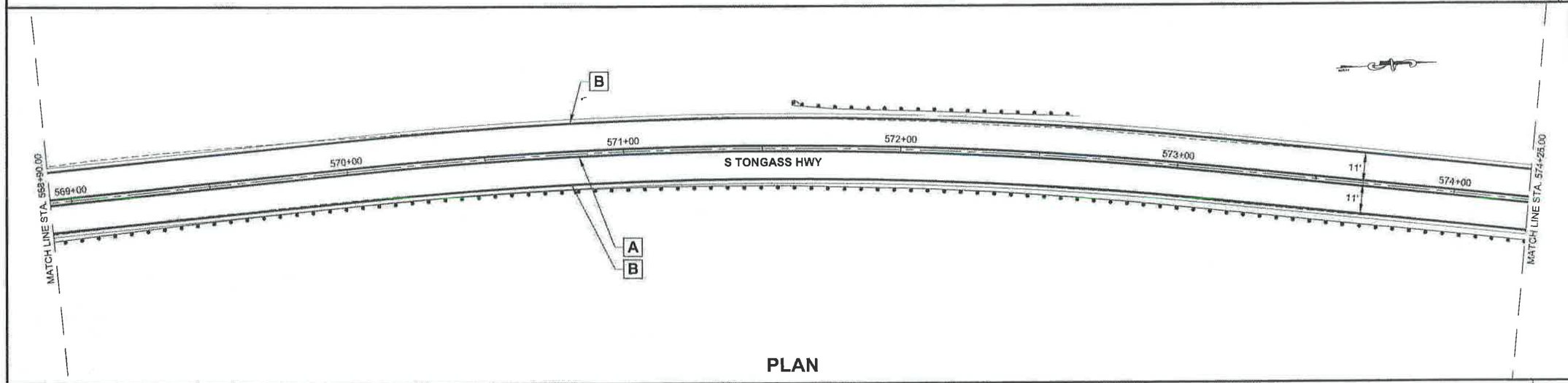
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

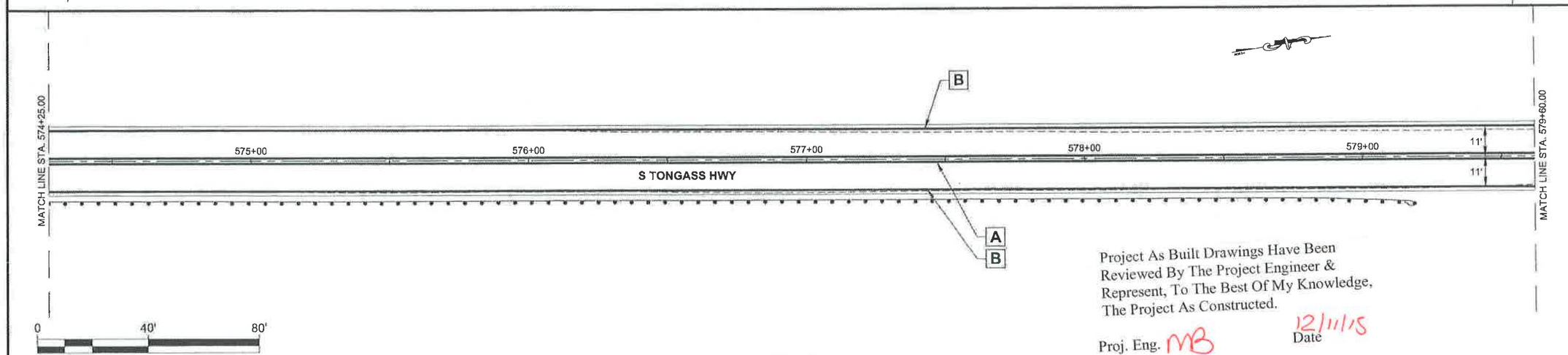
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H10	66



PLAN



PLAN



PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

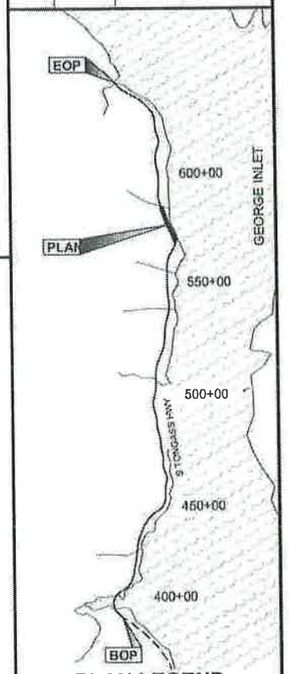
PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H11
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:47:35 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49TH
David Bruce Epstein
CE-6866
REGISTERED PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

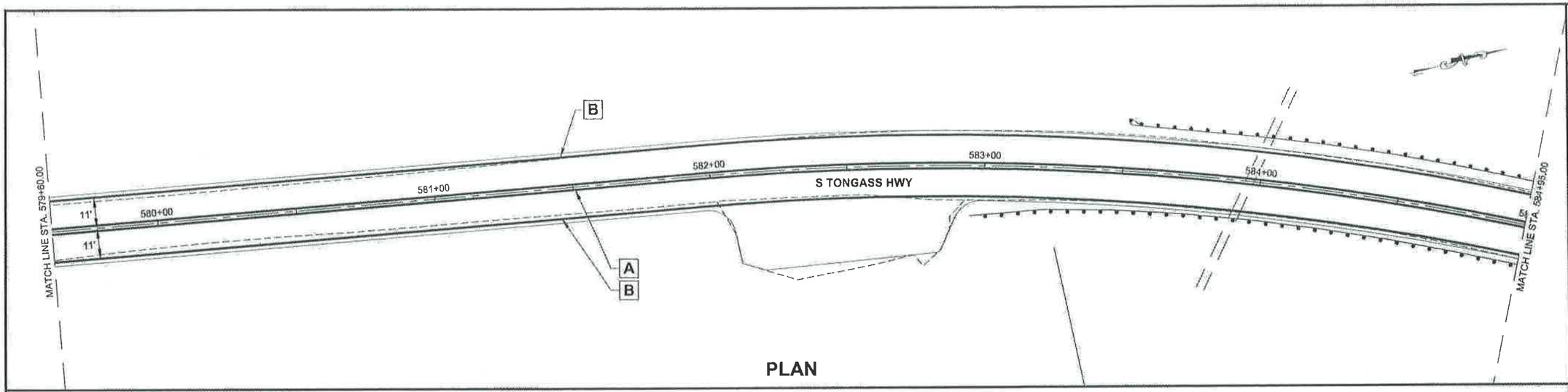
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

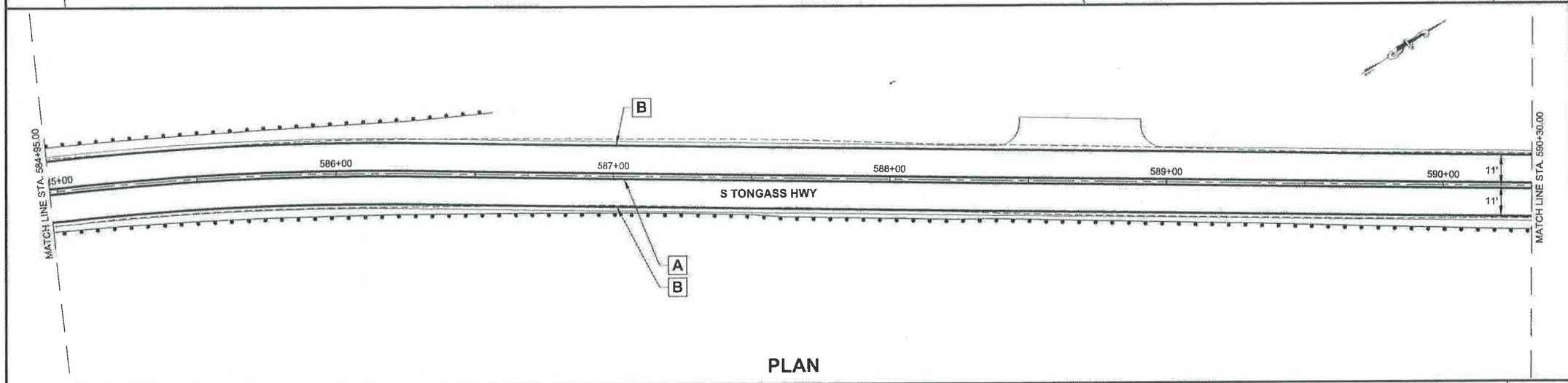
KTN-SOUTH TONGASS PAVING
PROJECT #67674

SIGNING & STRIPING

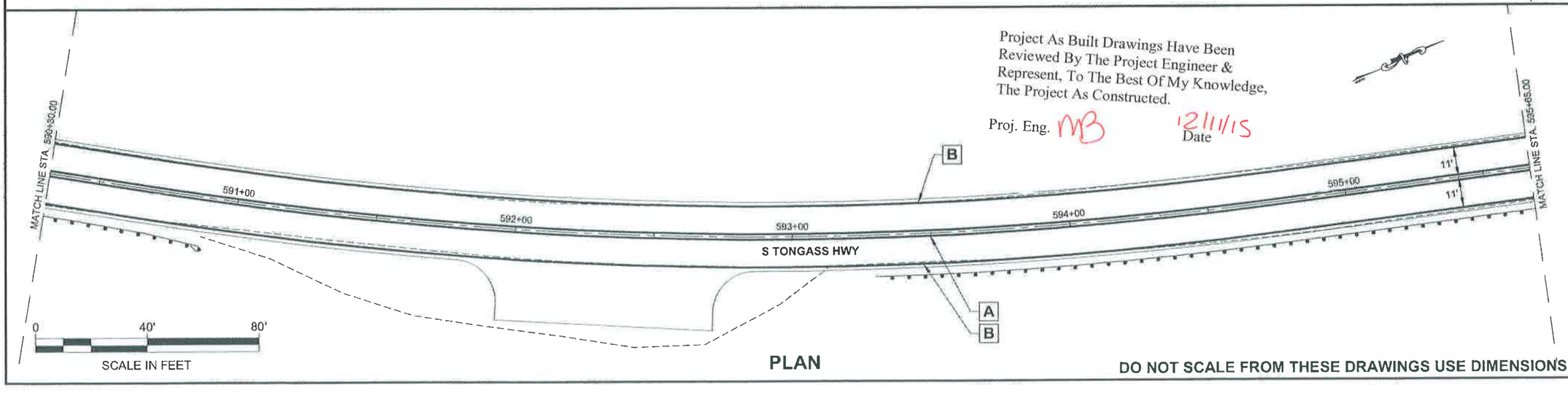
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H11	66



PLAN



PLAN



PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

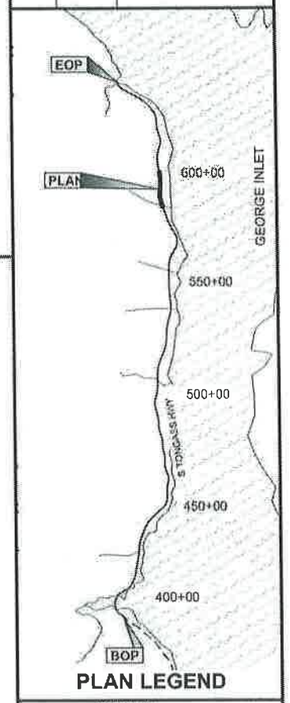
PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H12
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:47:48 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
David Bruce Epstein
CE-6855
PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

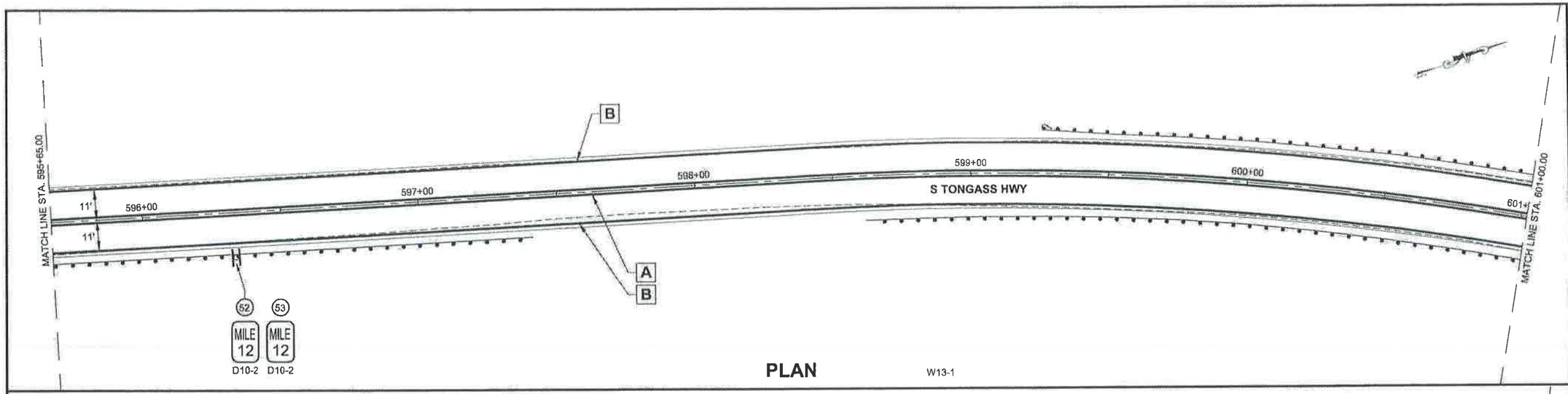
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

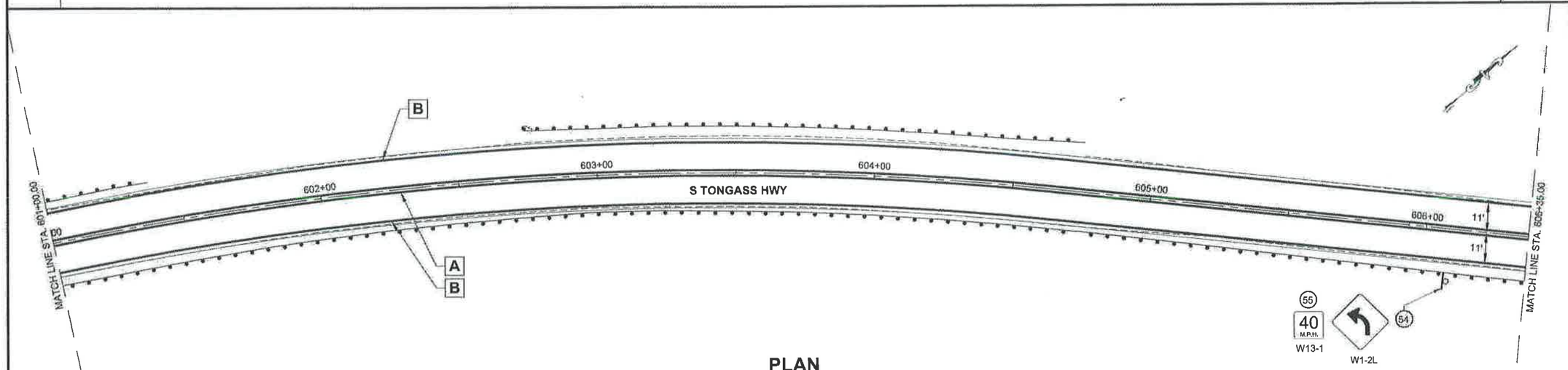
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

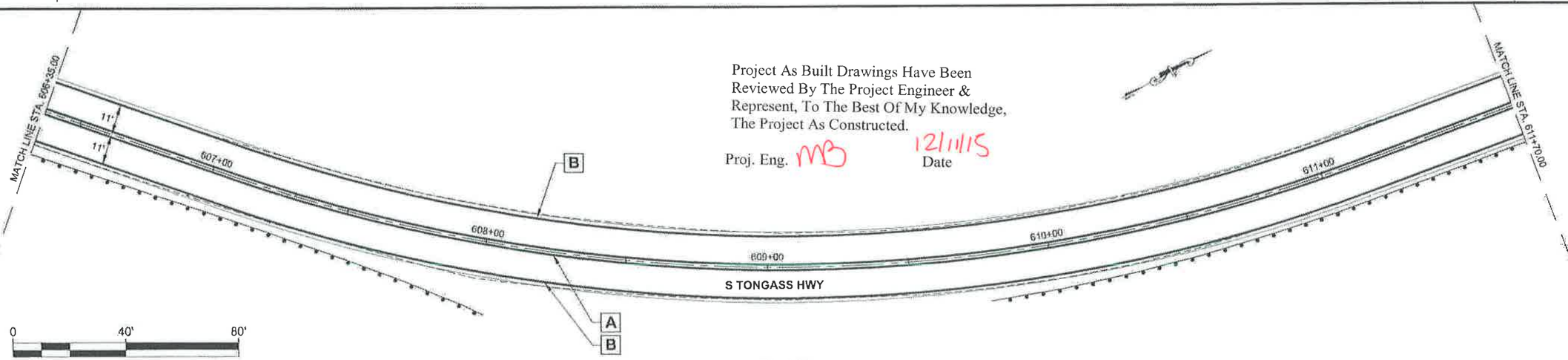
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H12	66



PLAN W13-1



PLAN



PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15
Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

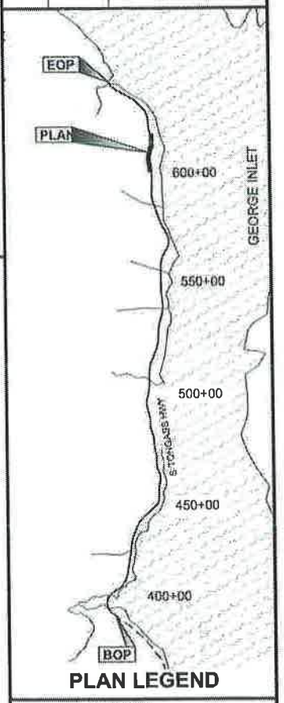
PATH: Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H13
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:48:15 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
David Bruce Epstein
CE-5866
REGISTERED PROFESSIONAL ENGINEER
11.6.14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

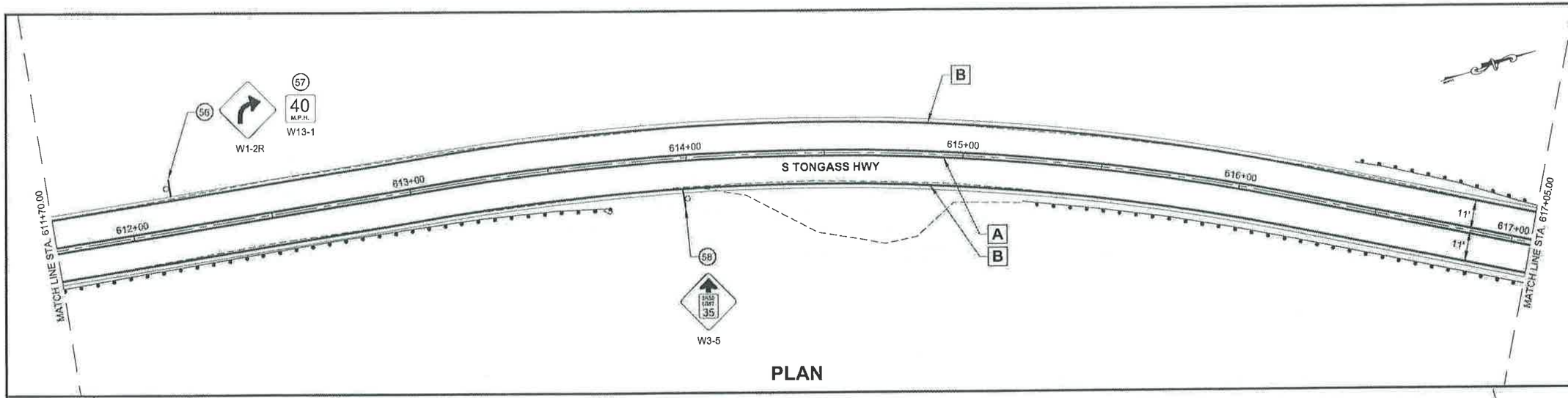
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

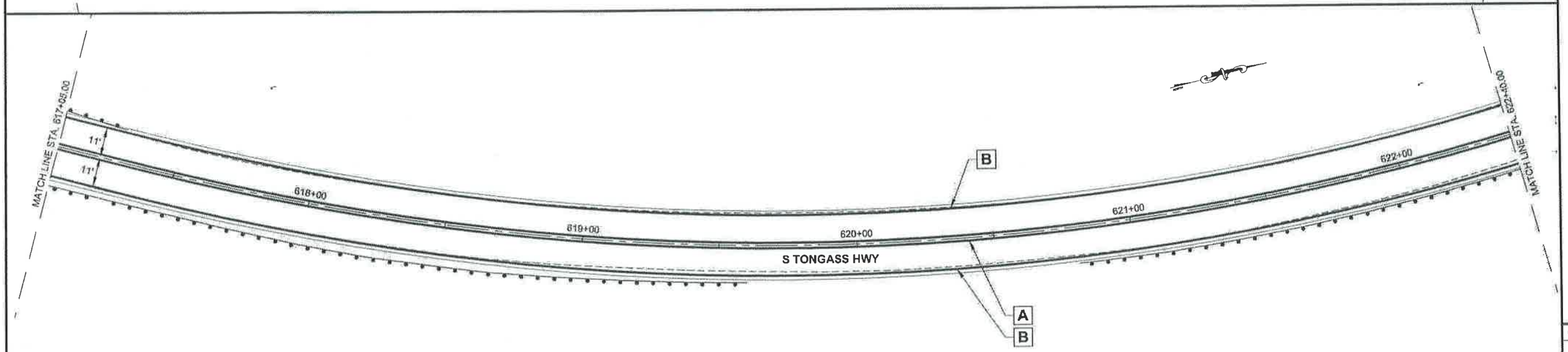
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

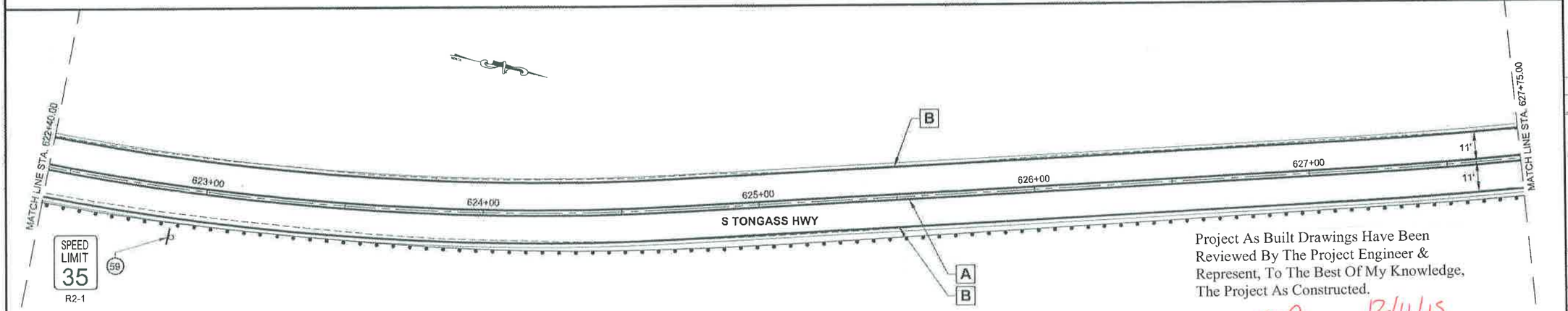
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H13	66



PLAN



PLAN

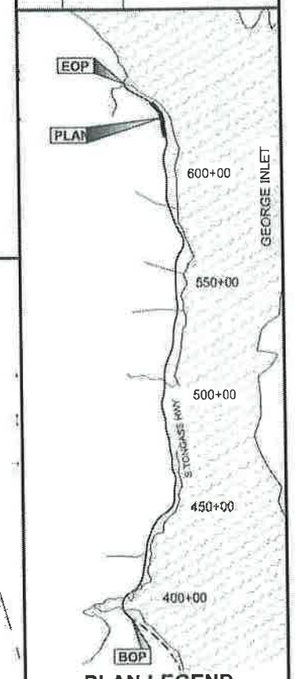


PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H14
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:48:33 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
David Bruce Epstein
CE-6866
PROFESSIONAL ENGINEER
11-6-14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

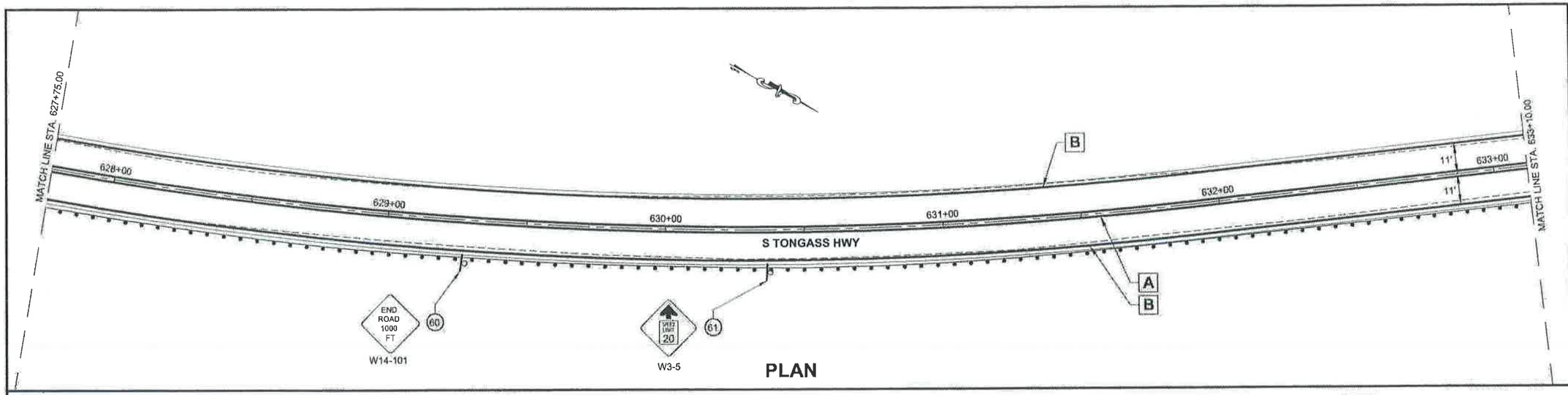
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

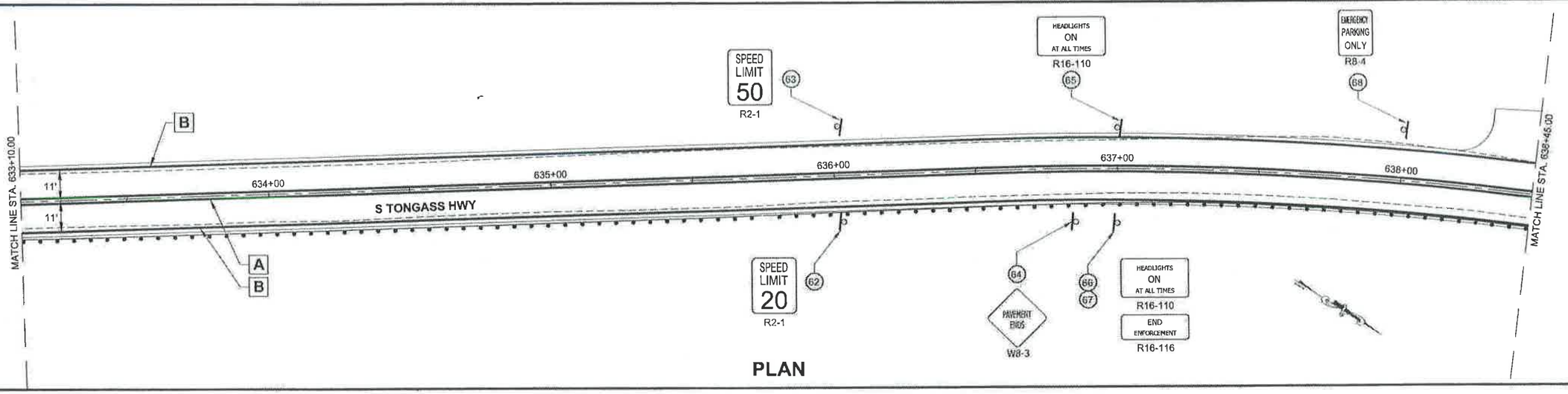
SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

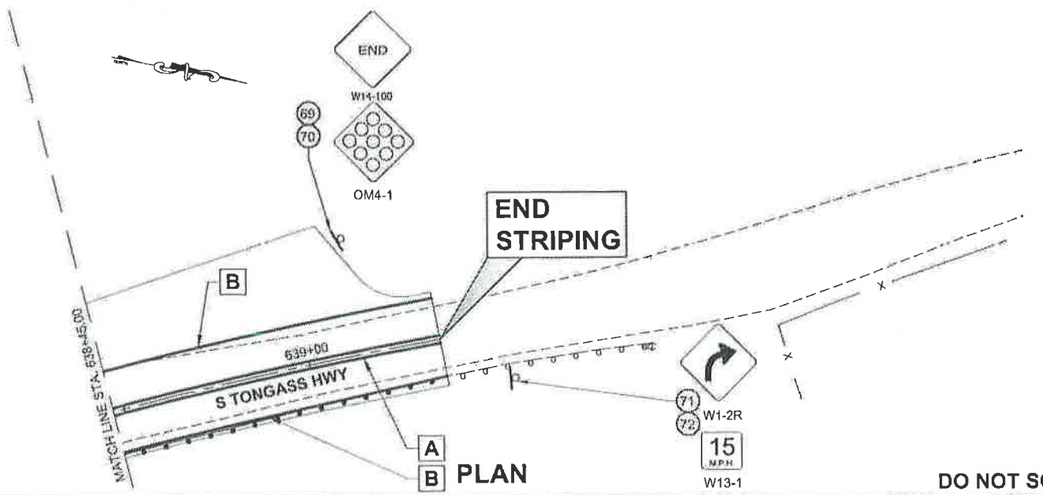
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H14	66



PLAN



PLAN



PLAN

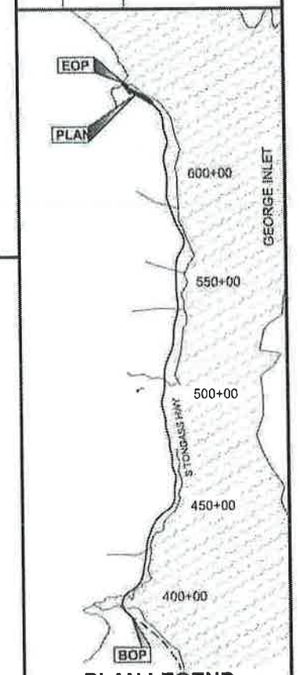
0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/15/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH: G:\KTN\67674\PLANSET\67674_H1-H15_STRIPE.DWG
TAB: H15
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:48:48 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. EPSTEIN

STATE OF ALASKA — 7499 — David Bruce Epstein — CE-6868 — REGISTERED PROFESSIONAL ENGINEER — 11·6·14

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

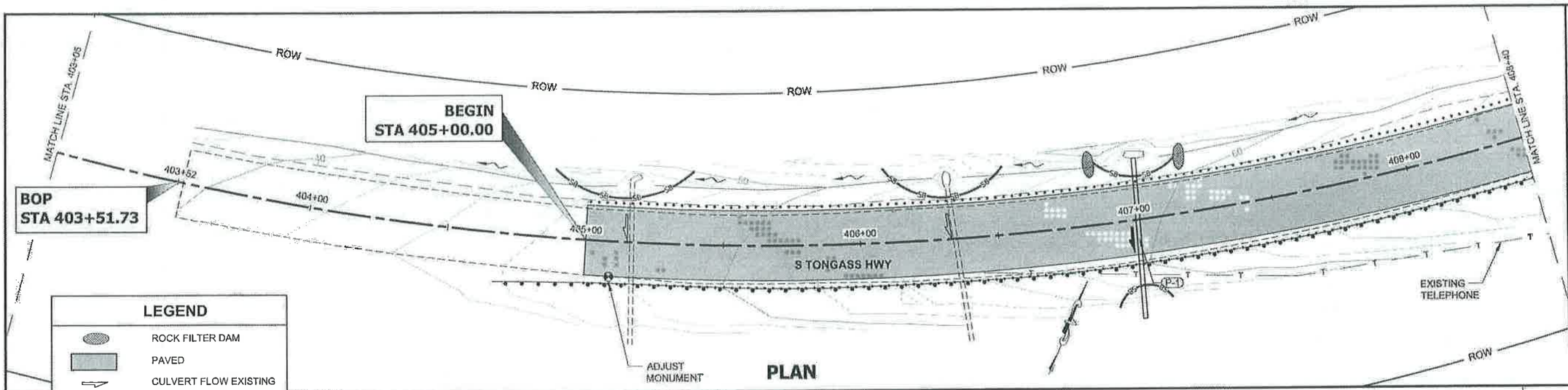
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

SIGNING & STRIPING

PROJECT DESIGNATION
STP-NH-0902(040)~67674

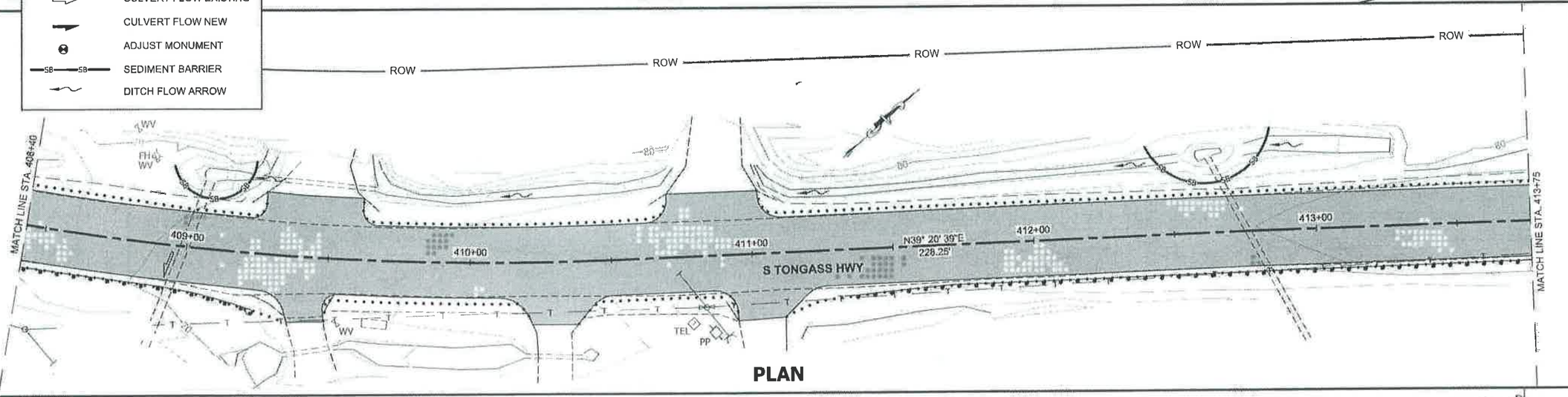
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
H15	66



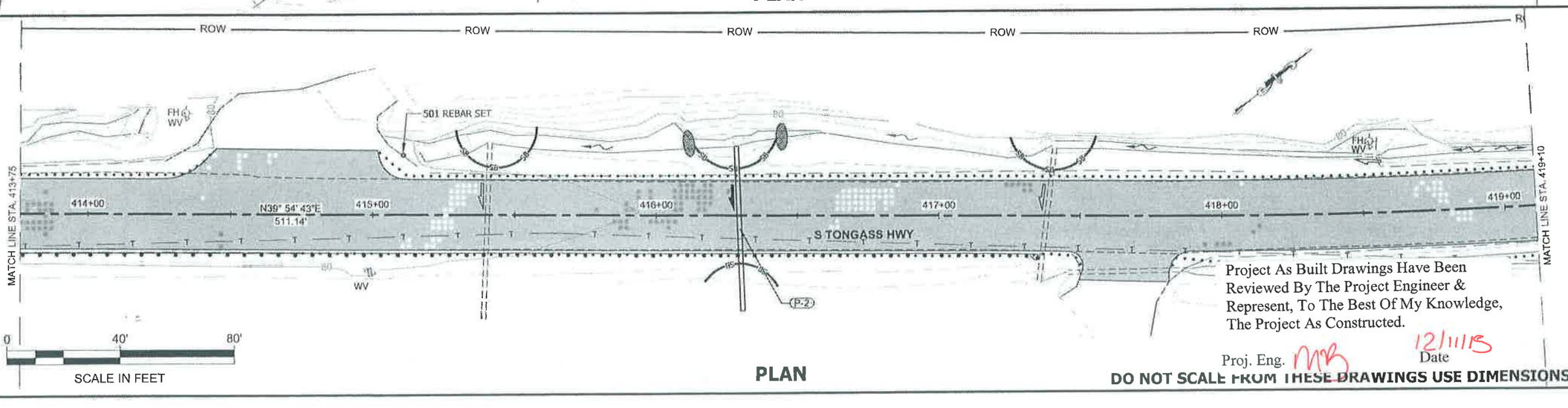
PLAN

LEGEND

- ROCK FILTER DAM
- PAVED
- CULVERT FLOW EXISTING
- CULVERT FLOW NEW
- ADJUST MONUMENT
- SB — SB SEDIMENT BARRIER
- DITCH FLOW ARROW



PLAN



PLAN

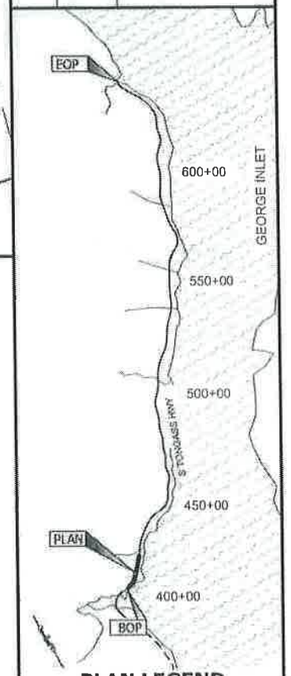
0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MVB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:58:41 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

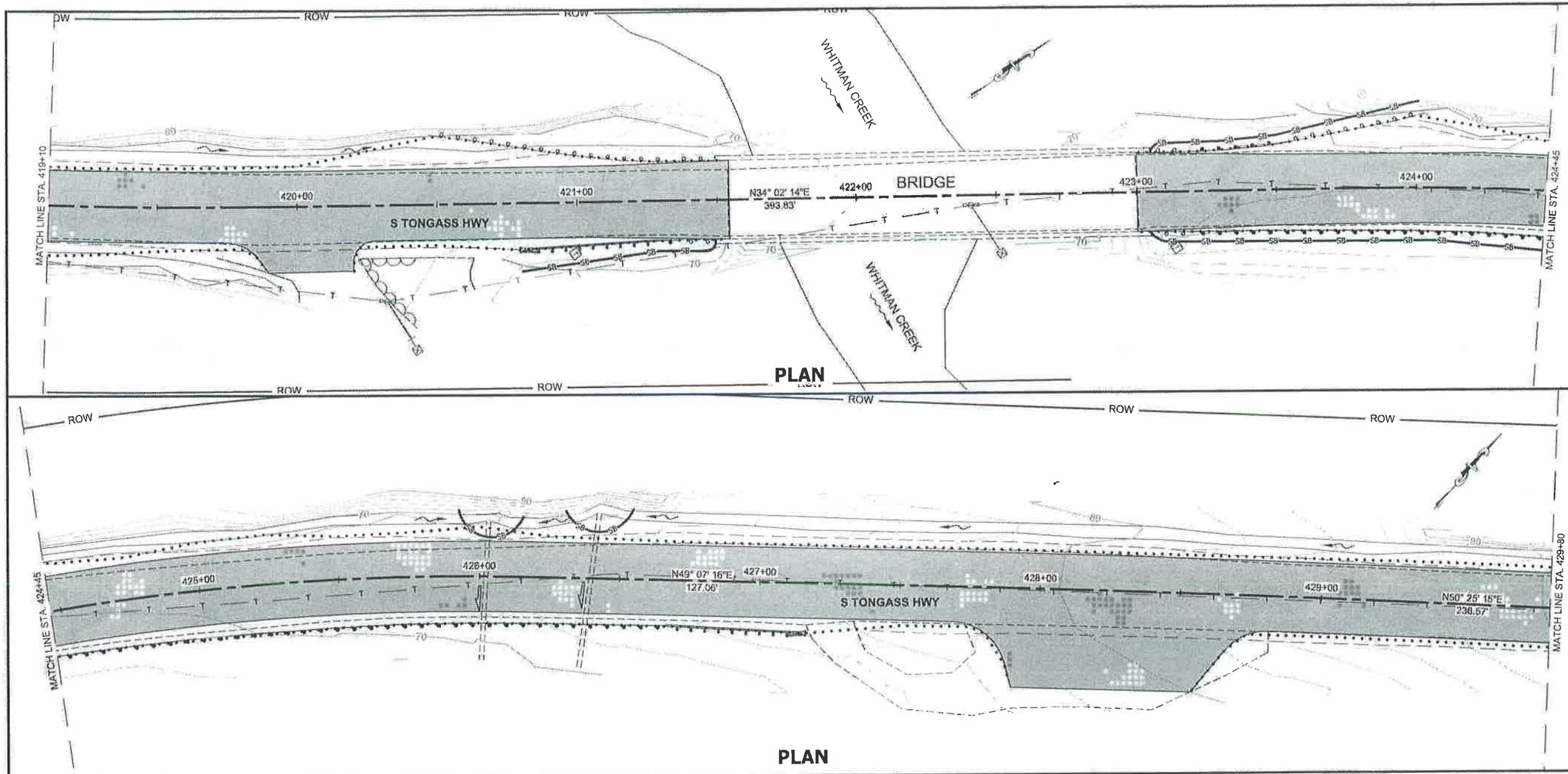
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

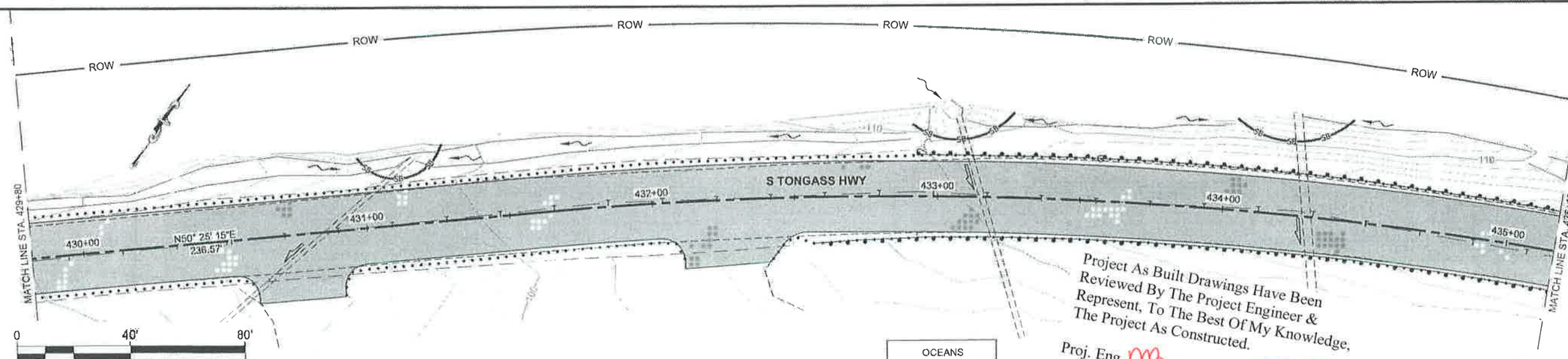
PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P1	66



PLAN

PLAN



PLAN

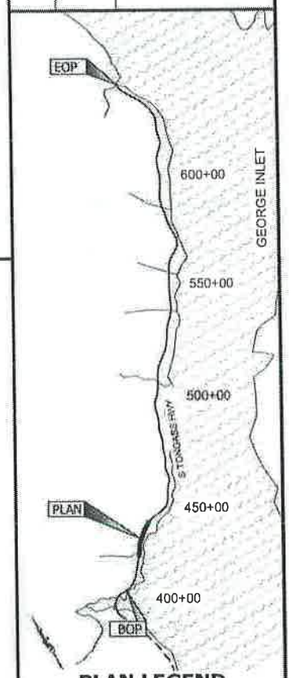
OCEANS ALASKA PROPERTY

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB

12/11/15
Date

DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG
PLOT BY:
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:58:24 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

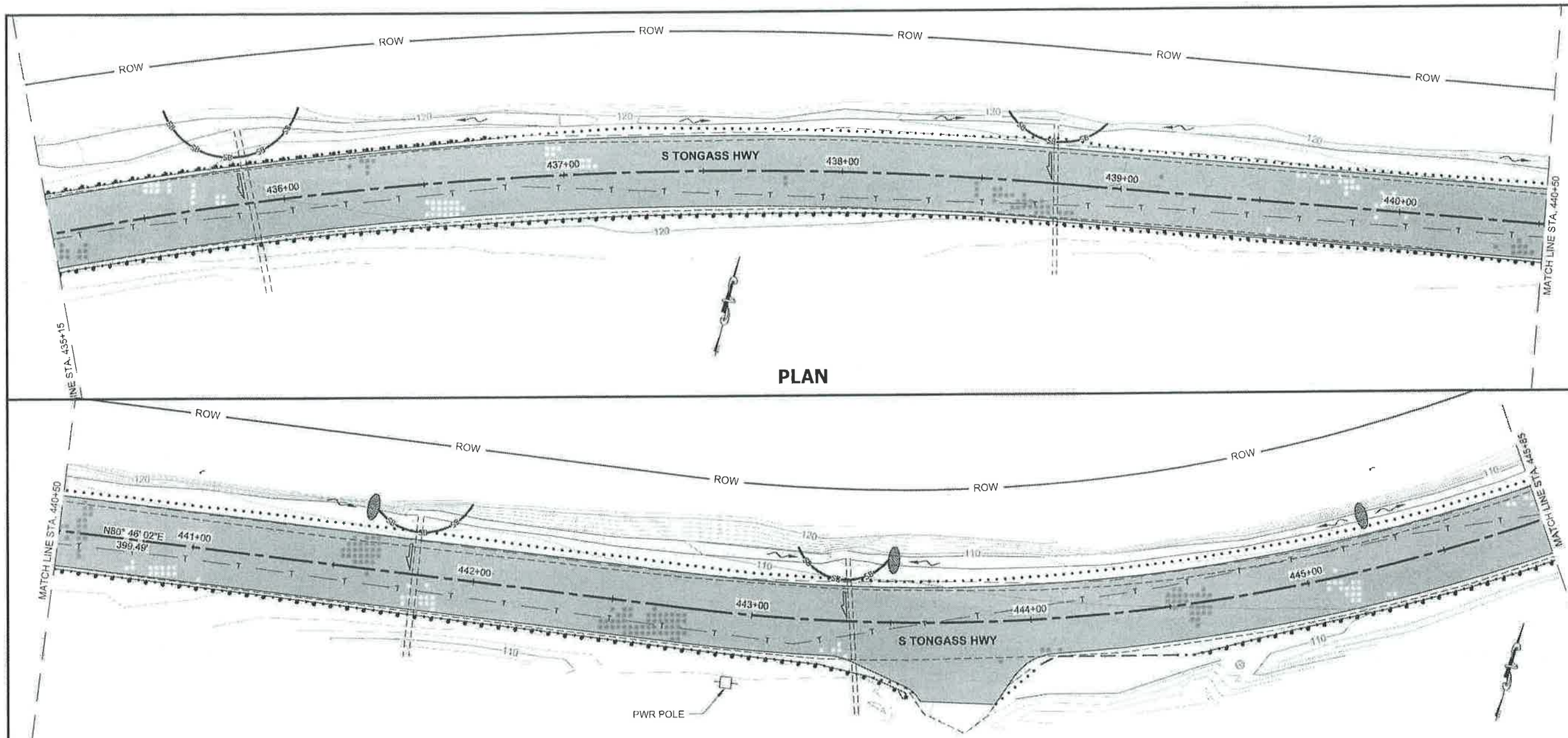
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

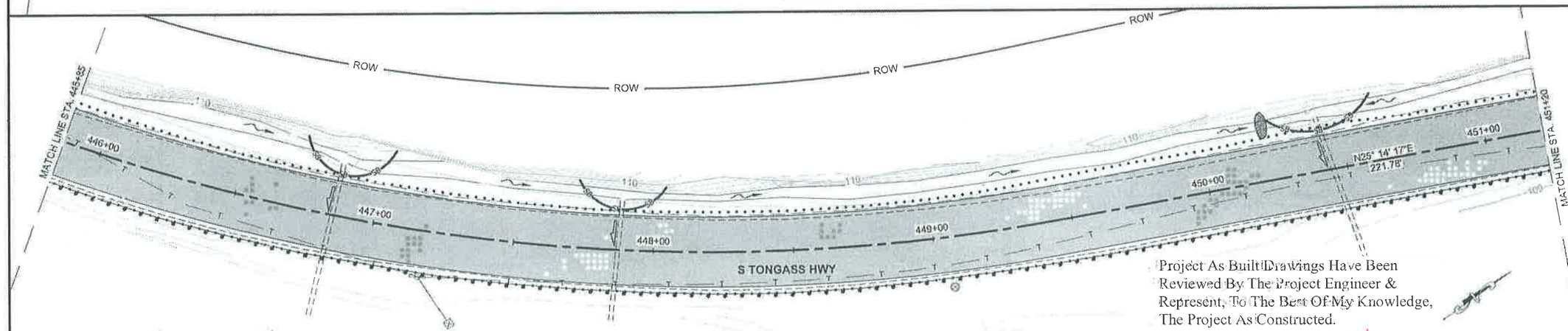
PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P2	66



PLAN

PLAN



PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. NB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

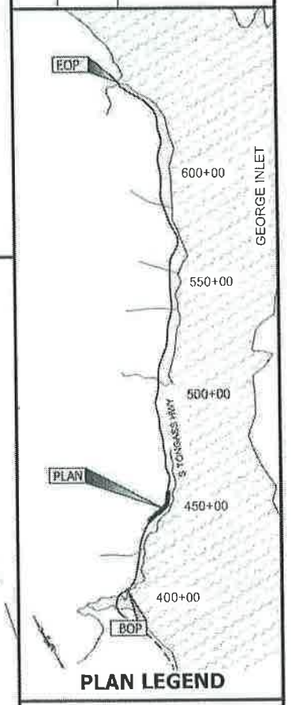
PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:58:08 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

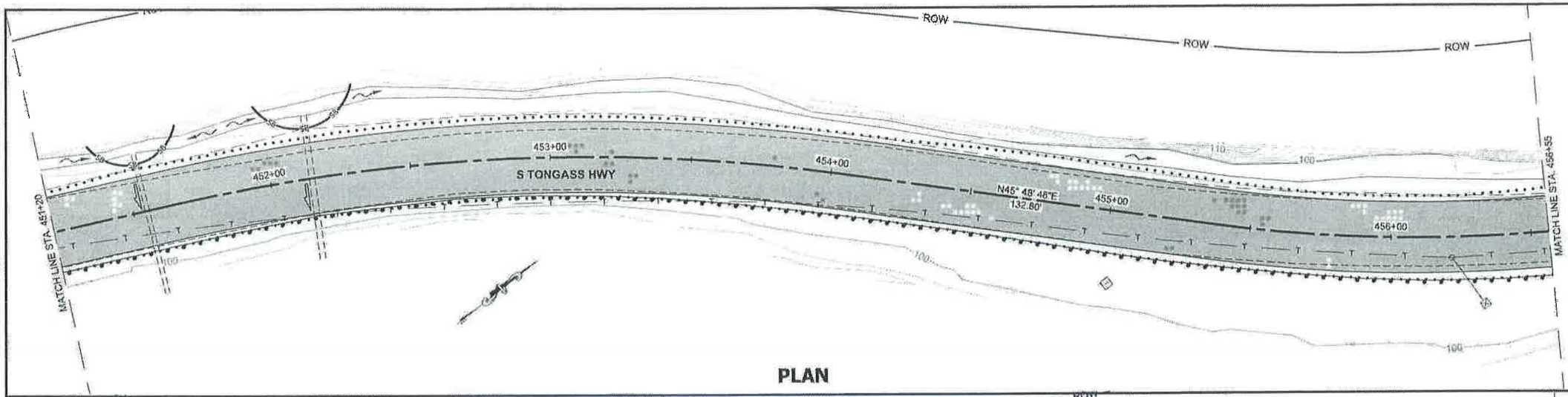
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

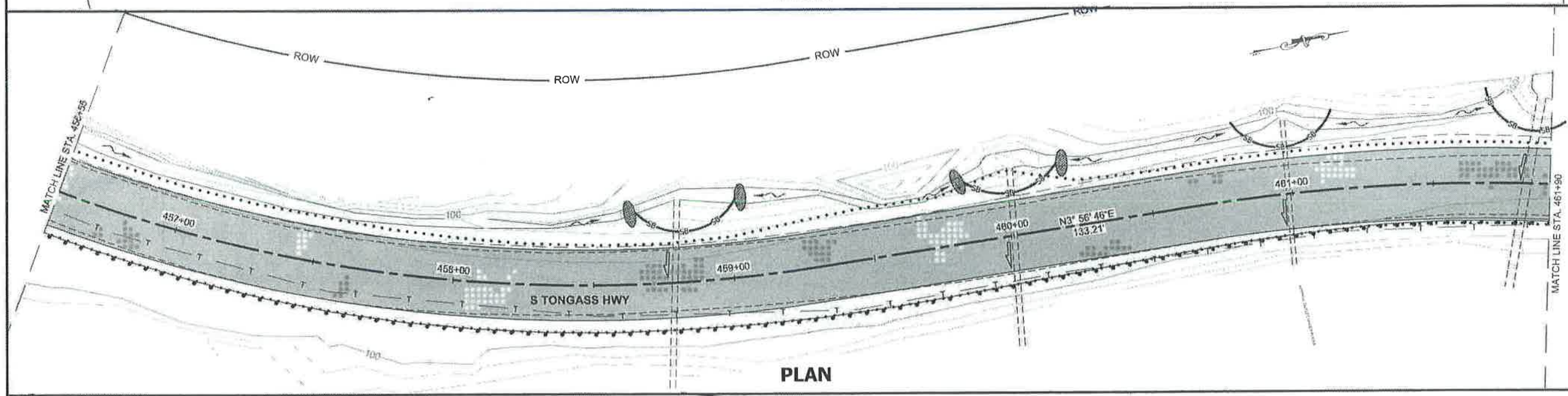
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

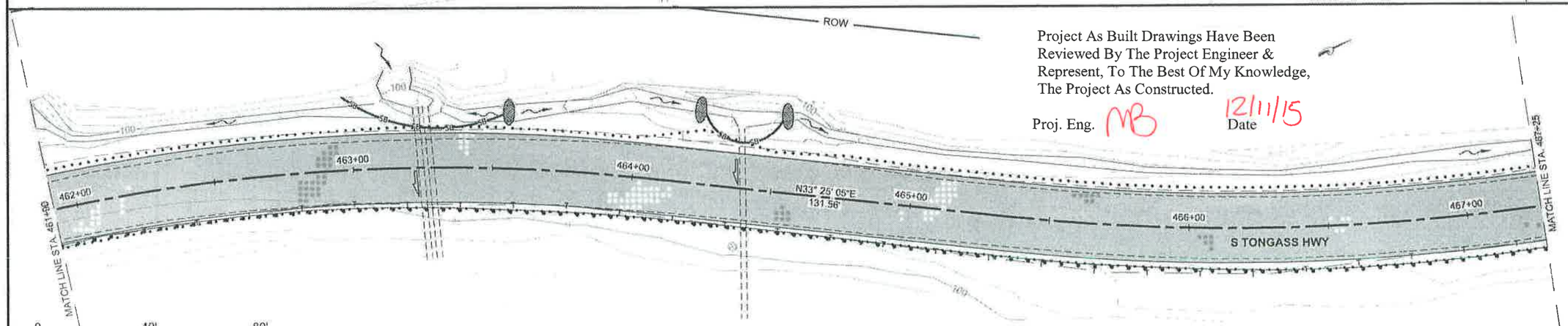
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	**2014**
SHEET NUMBER	TOTAL SHEETS
P3	**66**



PLAN



PLAN



PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

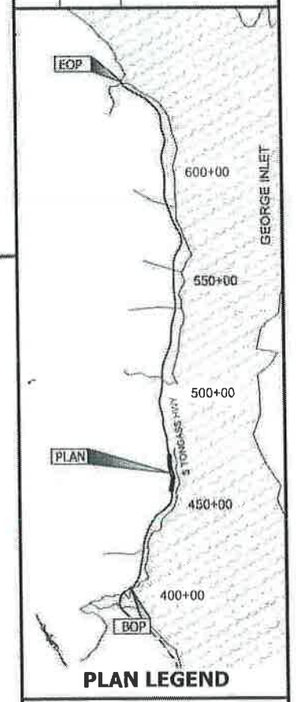
PLOTTED BY:
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:57:49 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

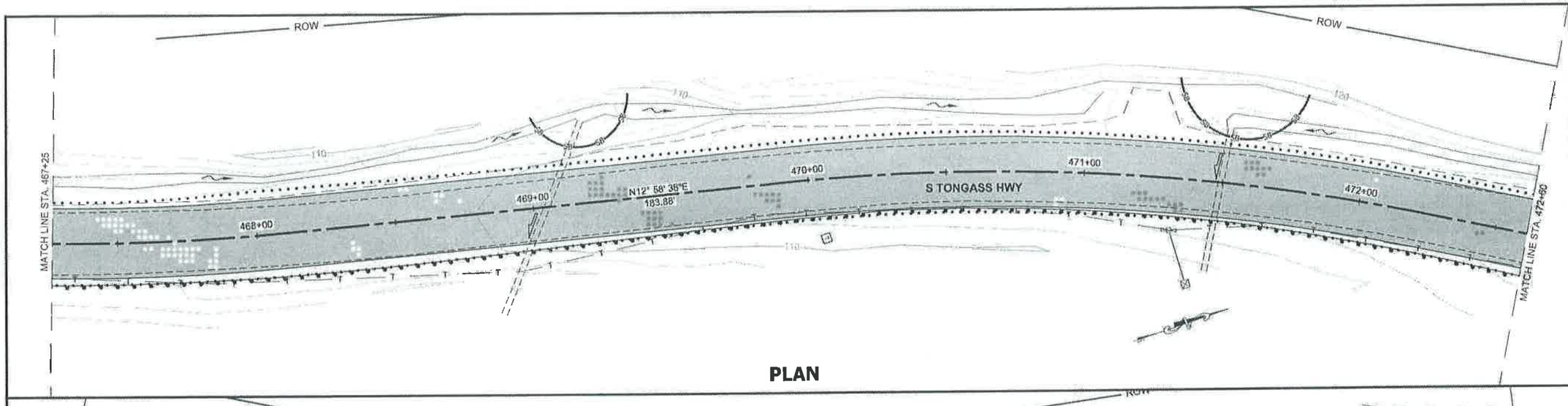
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

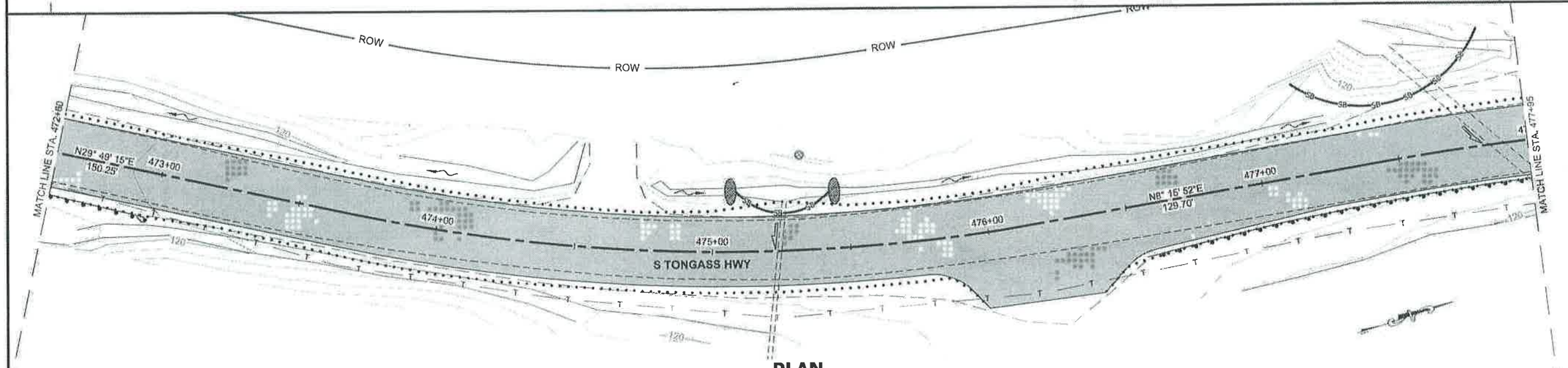
ESCP

PROJECT DESIGNATION
STP-NH-0902(040)~67674

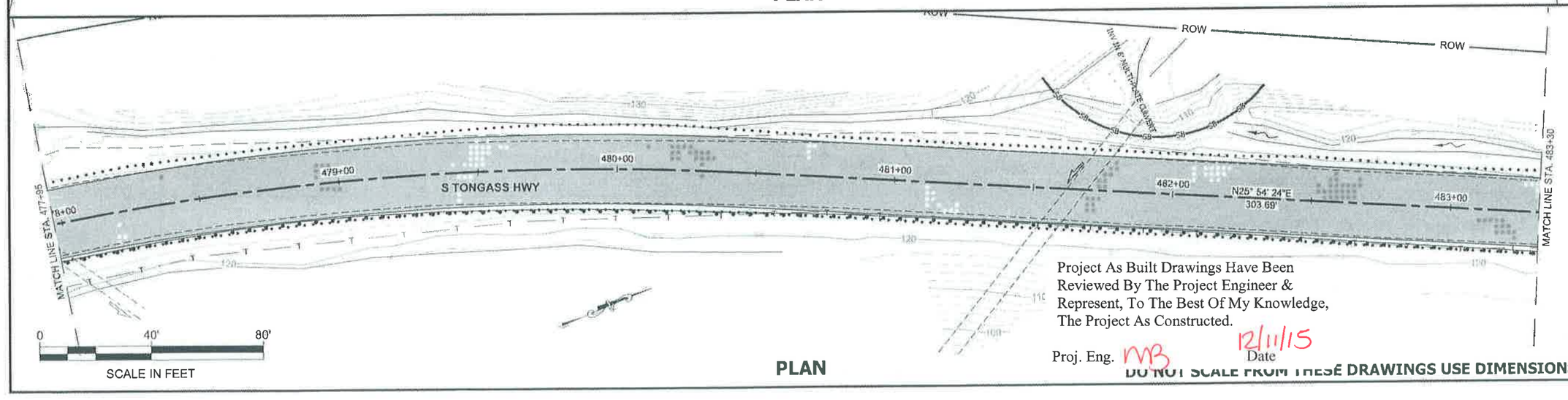
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P4	66



PLAN



PLAN



0 40' 80'

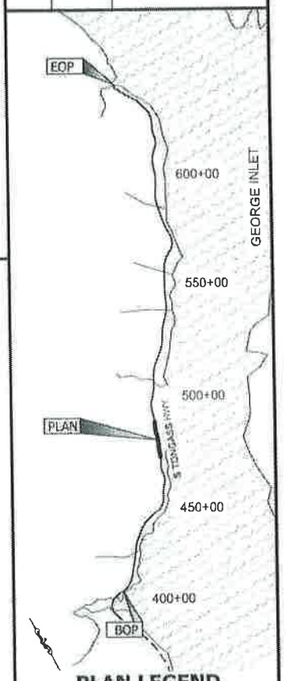
SCALE IN FEET

PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:57:20 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

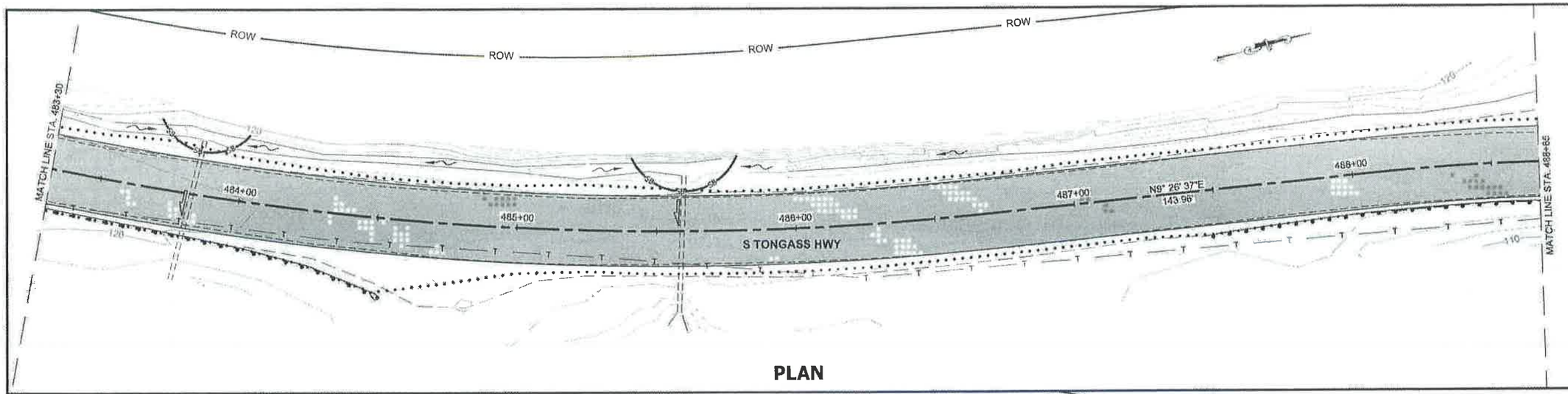
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

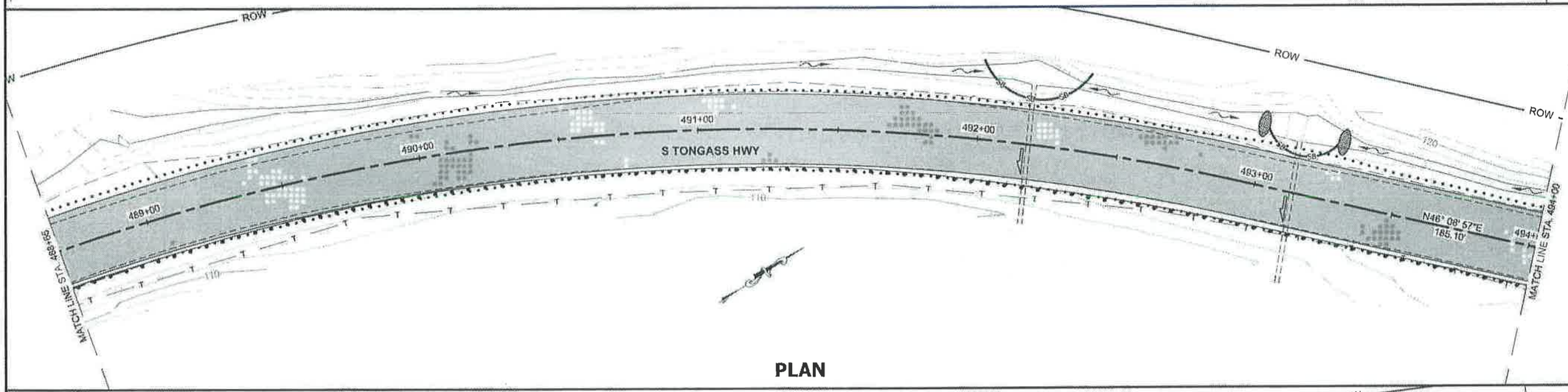
PROJECT DESIGNATION

STP-NH-0902(040)~67674

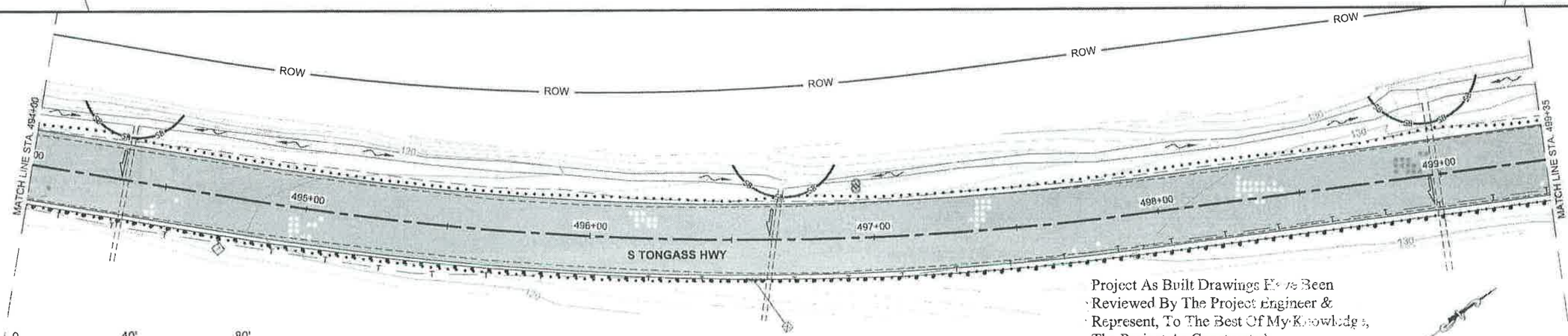
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P5	66



PLAN



PLAN



0 40' 80'

SCALE IN FEET

PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MD 12/11/15 Date

AWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

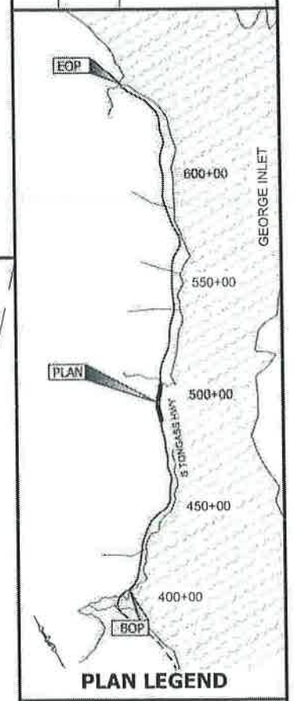
PLOTTED BY:
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:57:04 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

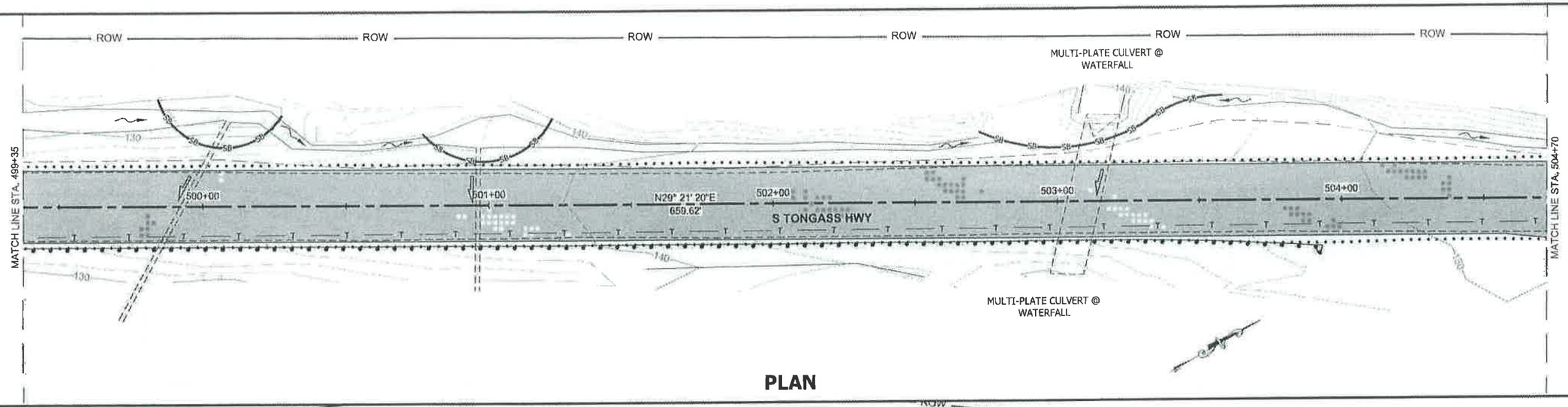
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

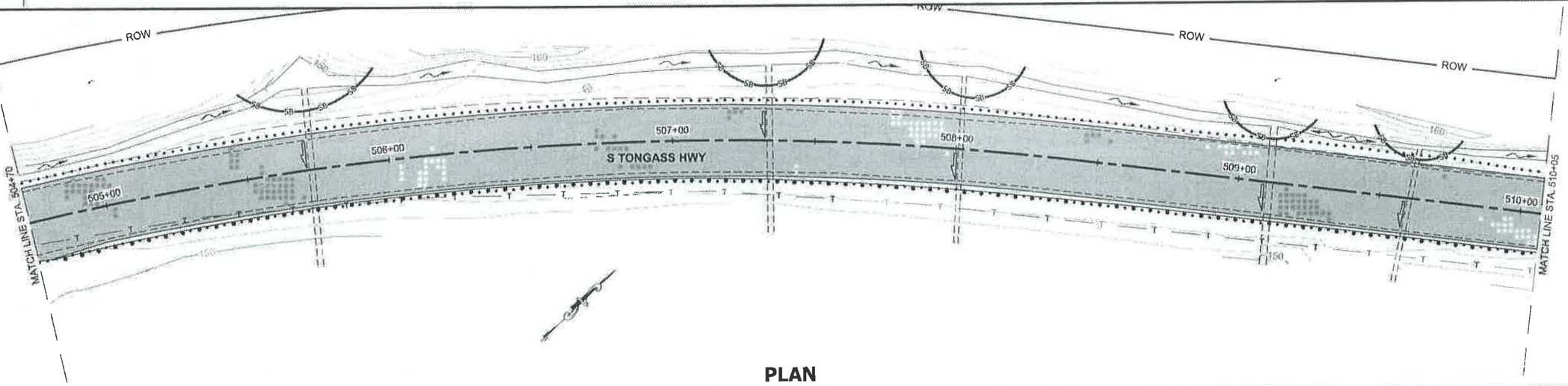
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

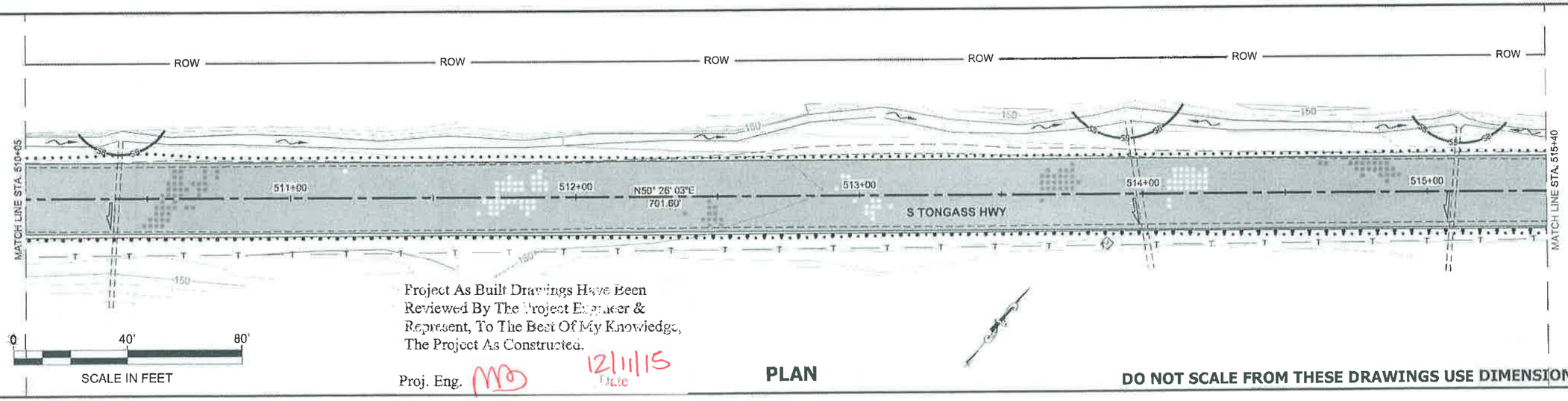
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	**2014**
SHEET NUMBER	TOTAL SHEETS
P6	**66**



PLAN



PLAN



Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MD 12/11/15 Date

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

SEIFERT, LOLITA T (DOT)

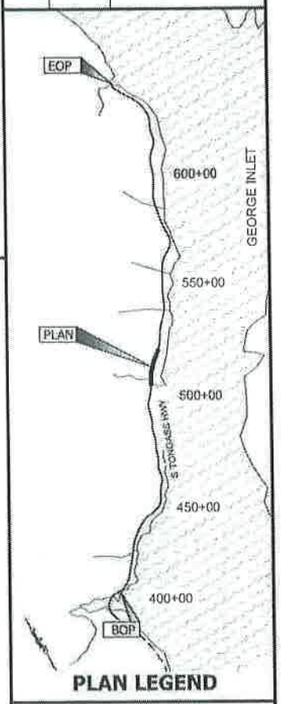
Wednesday, November 05, 2014 7:59:59 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

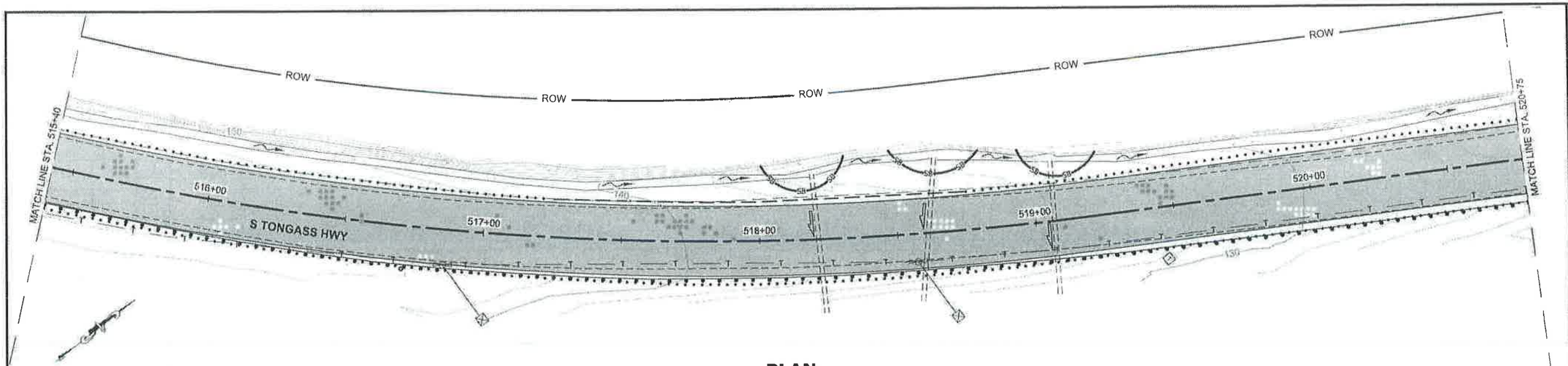
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

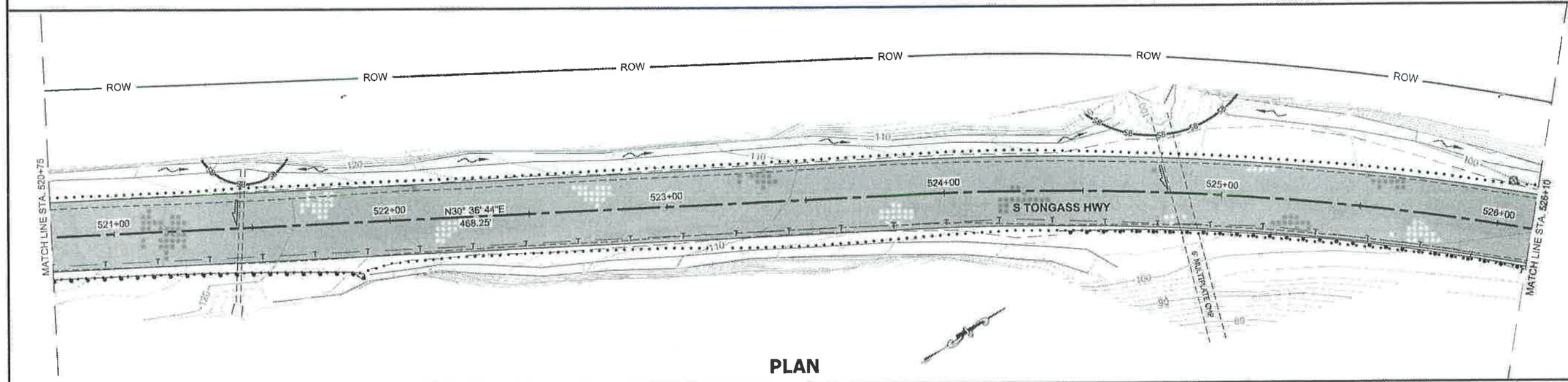
PROJECT DESIGNATION

STP-NH-0902(040)~67674

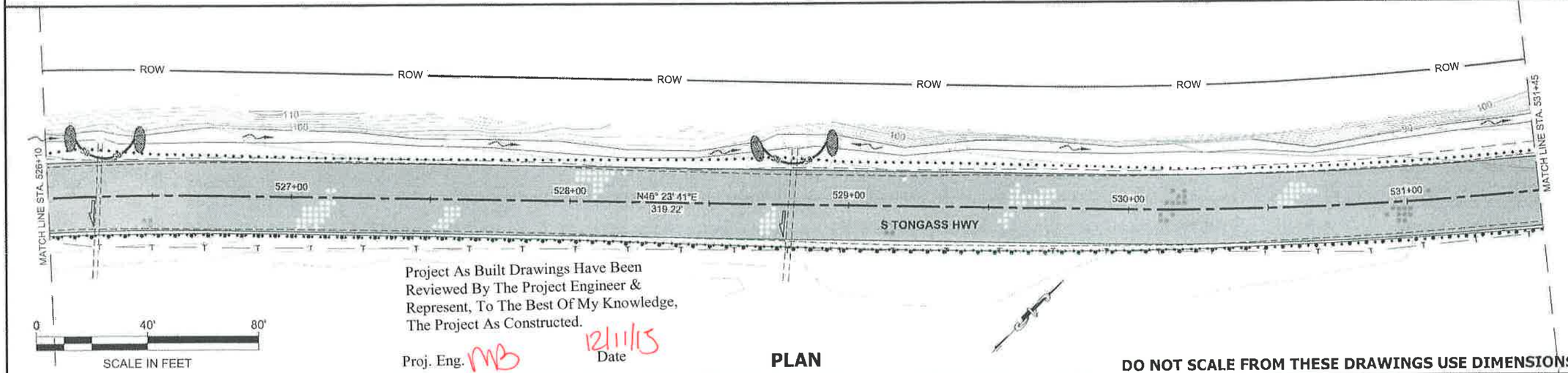
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P7	66



PLAN



PLAN



0 40' 80'

SCALE IN FEET

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/13

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

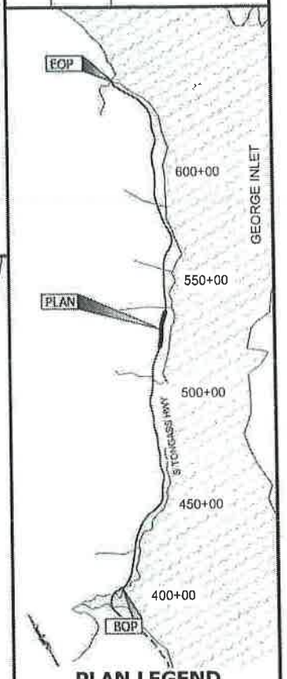
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:55:37 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

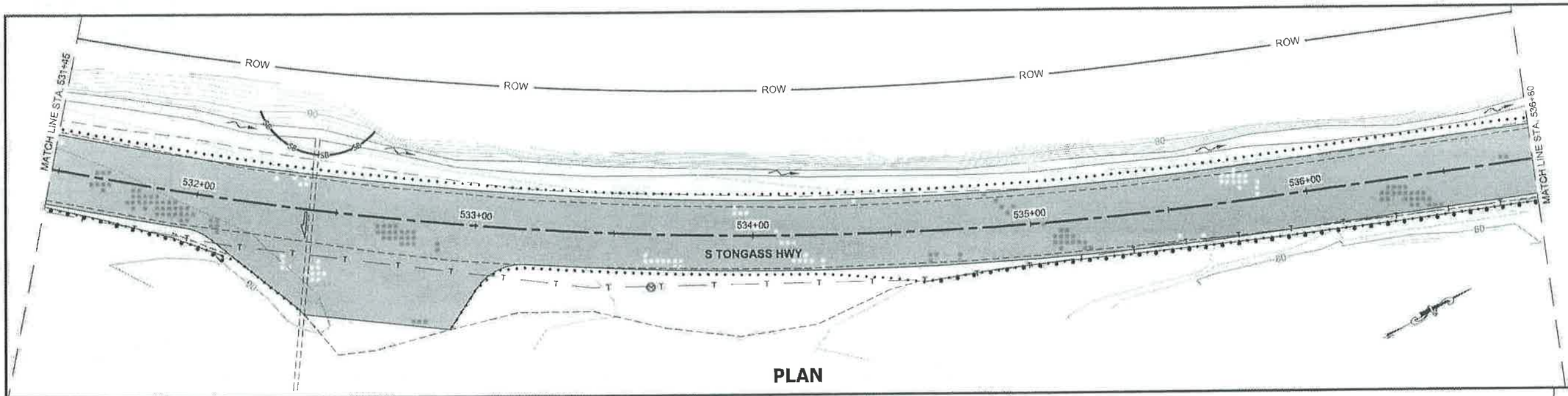
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

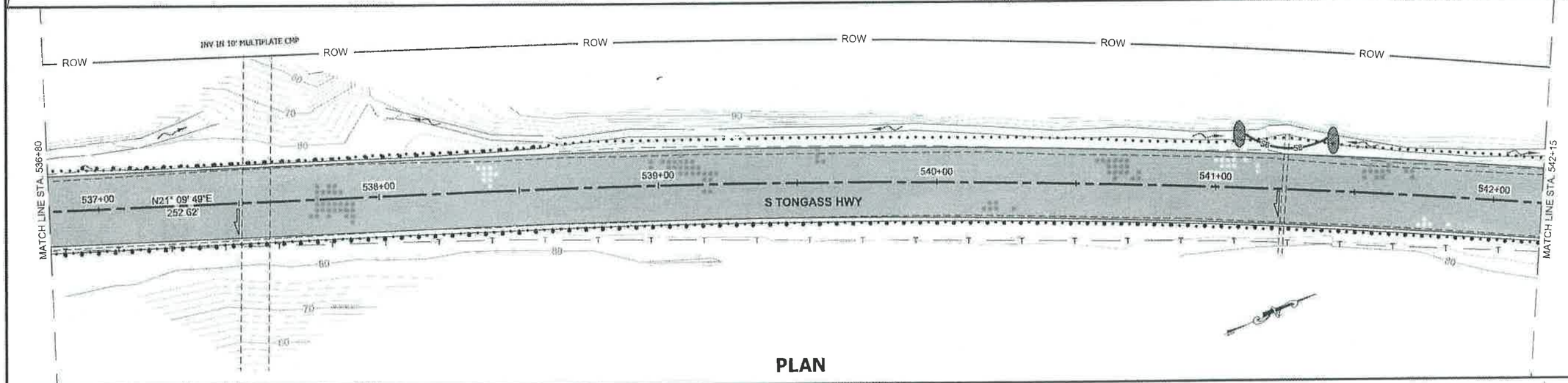
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

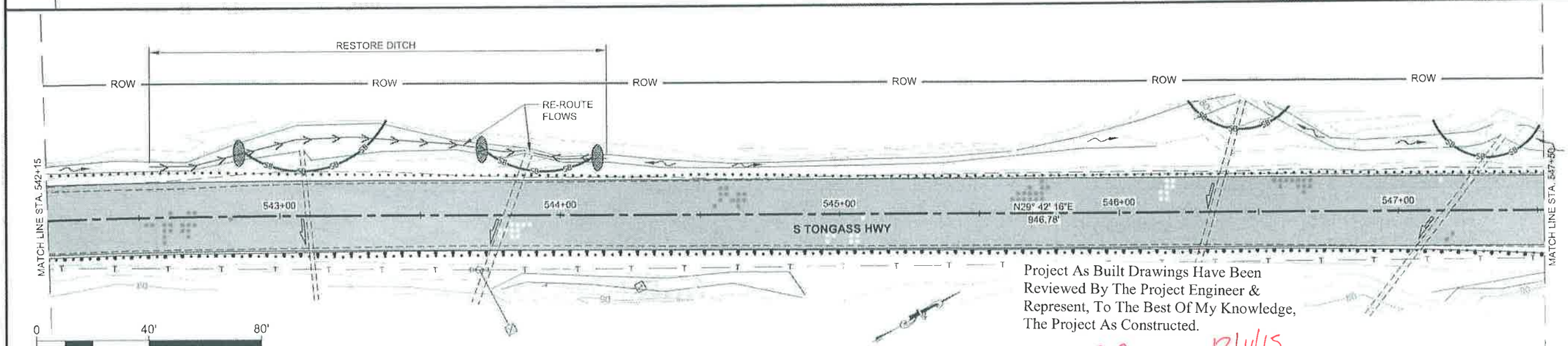
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	**2014**
SHEET NUMBER	TOTAL SHEETS
P8	**66**



PLAN



PLAN

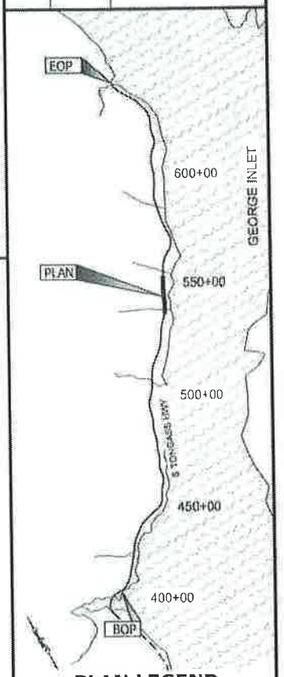


PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. NB Date 12/11/15

HESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG
Tab: P9
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:54:52 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

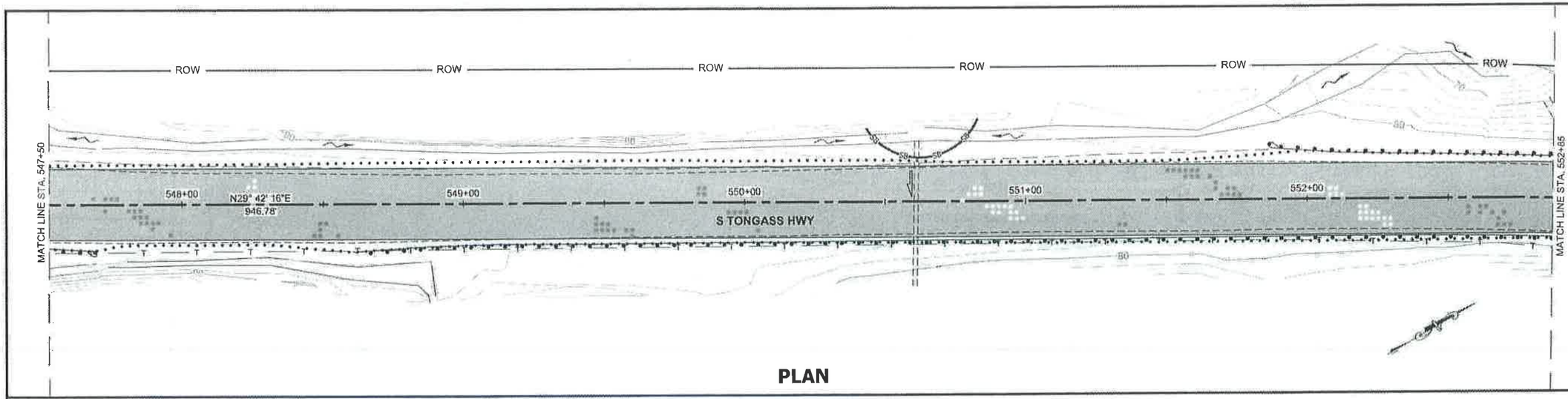
DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

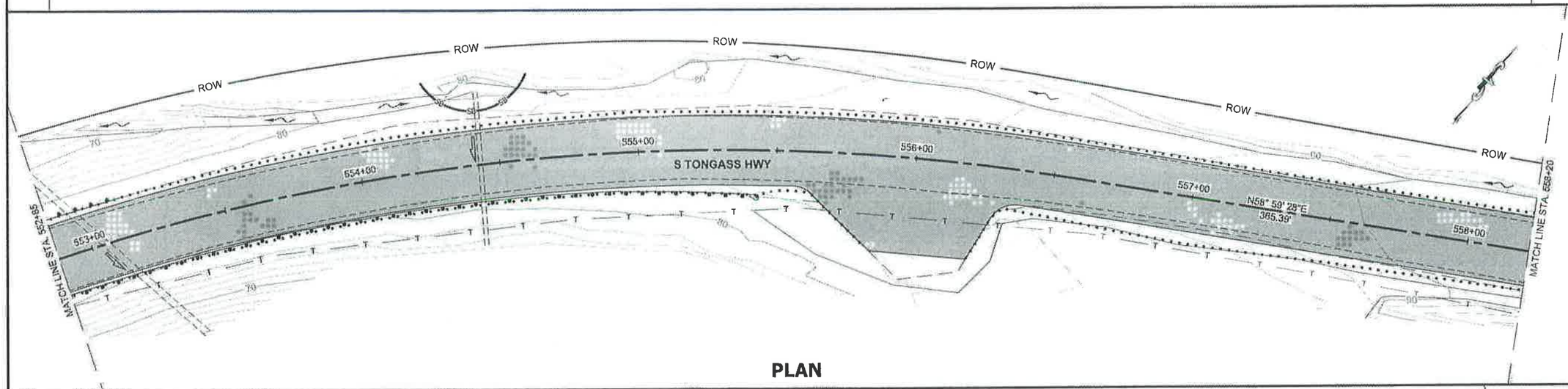
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

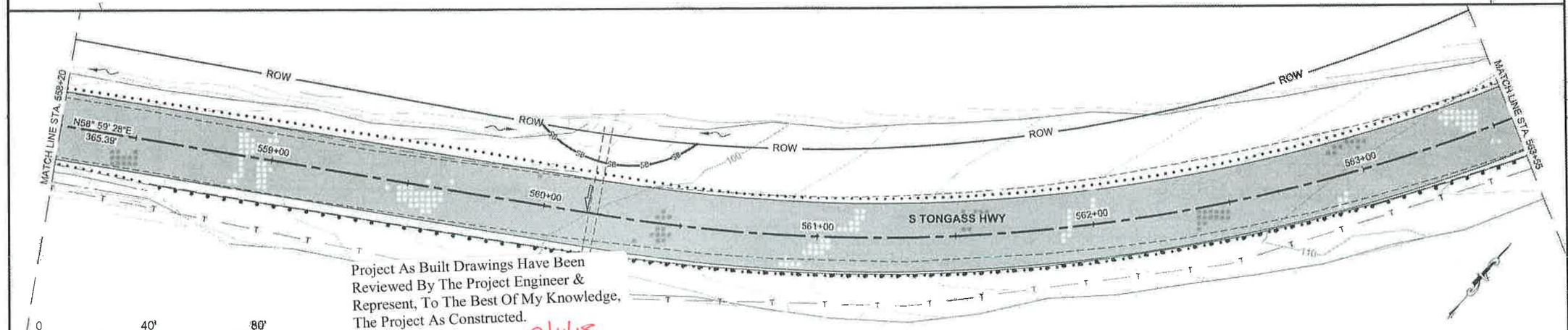
PROJECT DESIGNATION	
STP-NH-0902(040)~67674	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P9	66



PLAN



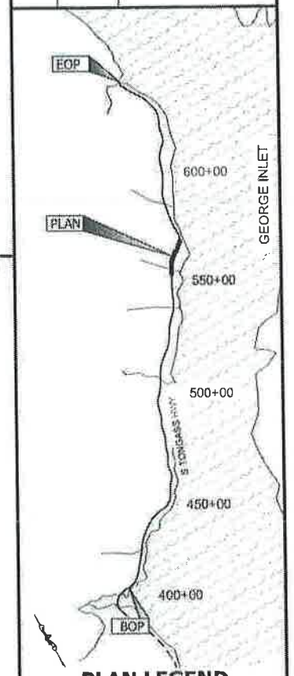
PLAN



Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

PLAN



PLAN LEGEND

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:53:13 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

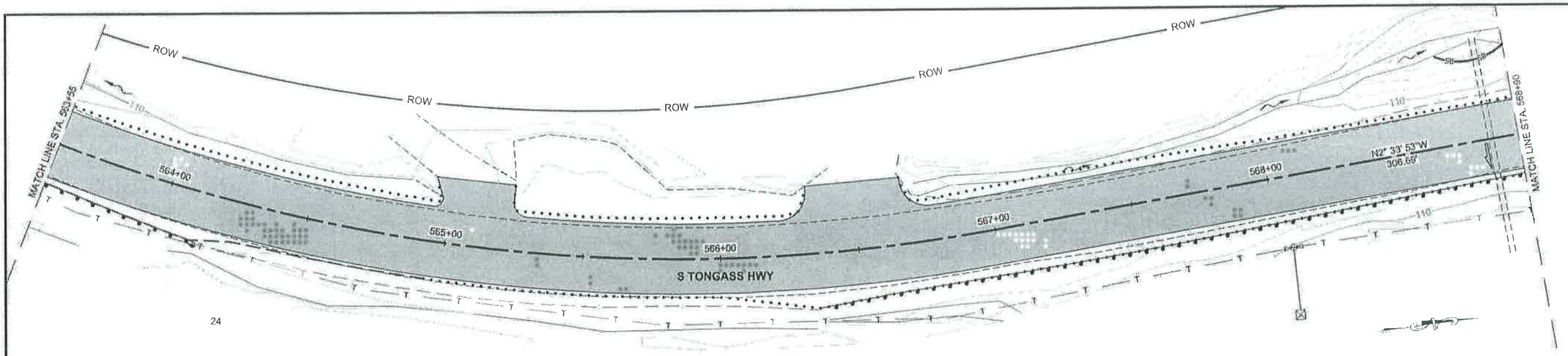
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

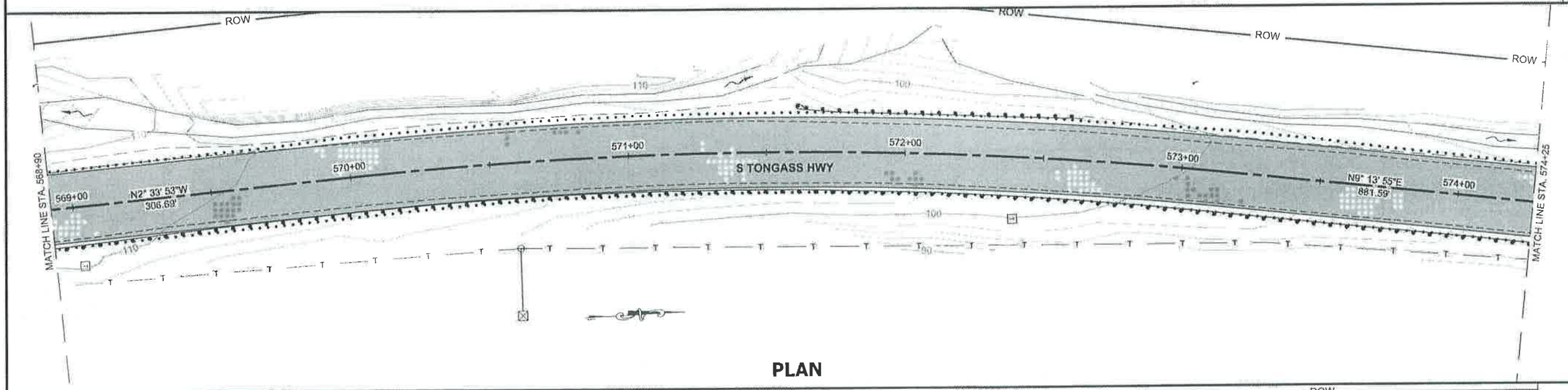
PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P10	66

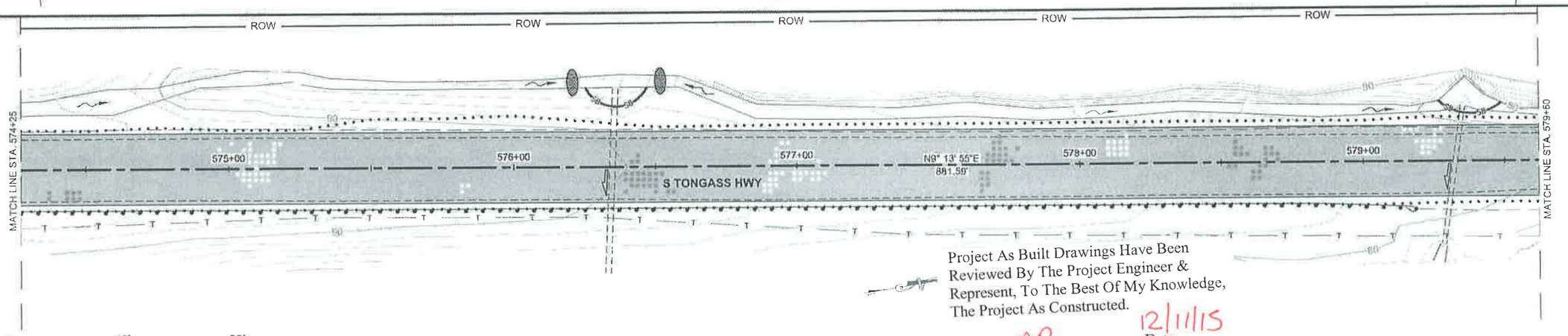


24

PLAN



PLAN



0 40' 80'

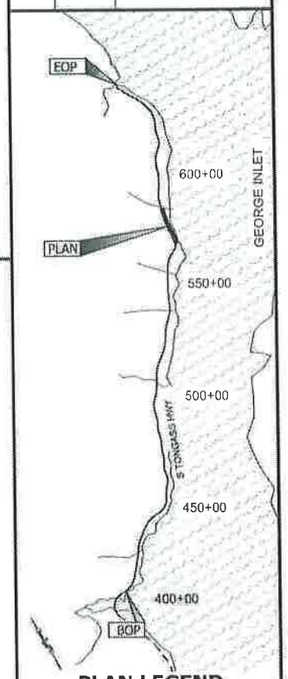
SCALE IN FEET

PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:52:32 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

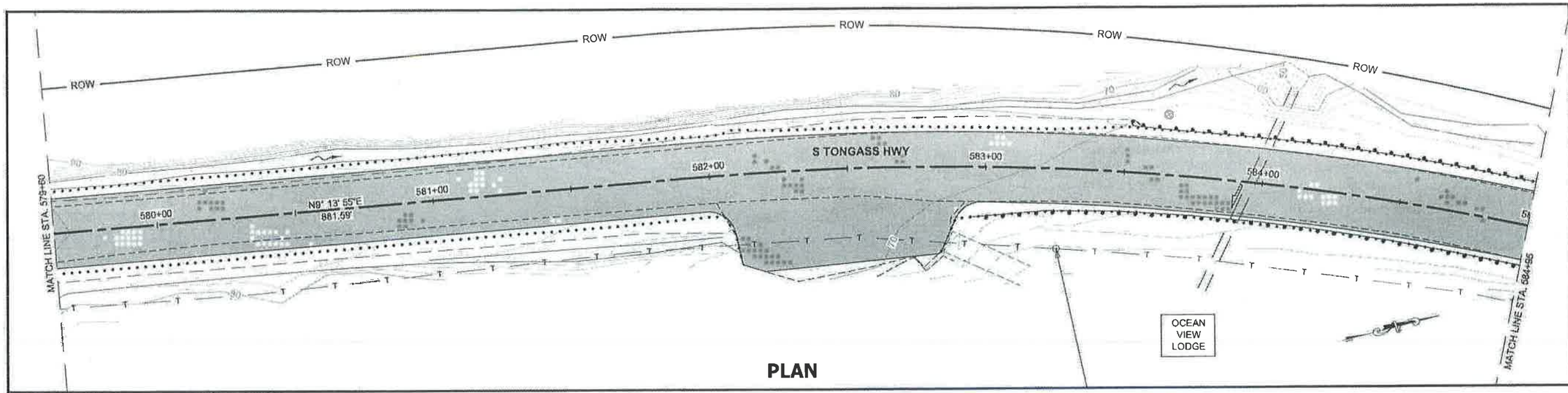
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

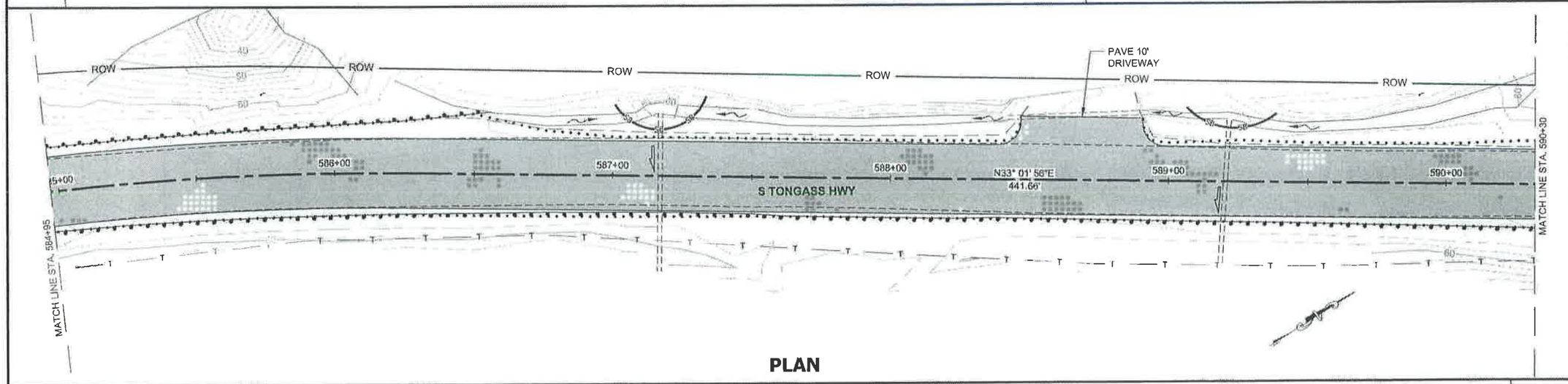
PROJECT DESIGNATION

STP-NH-0902(040)~67674

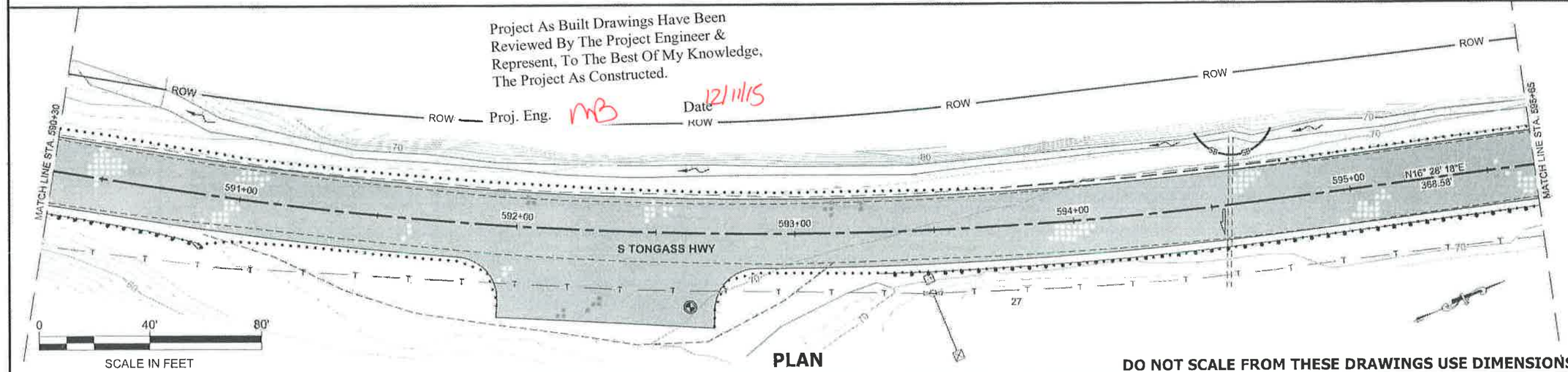
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P11	66



PLAN



PLAN

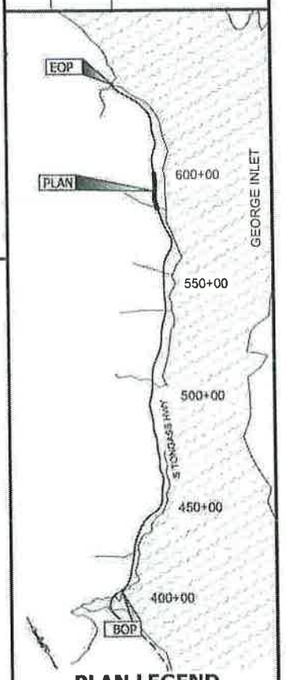


PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:51:45 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

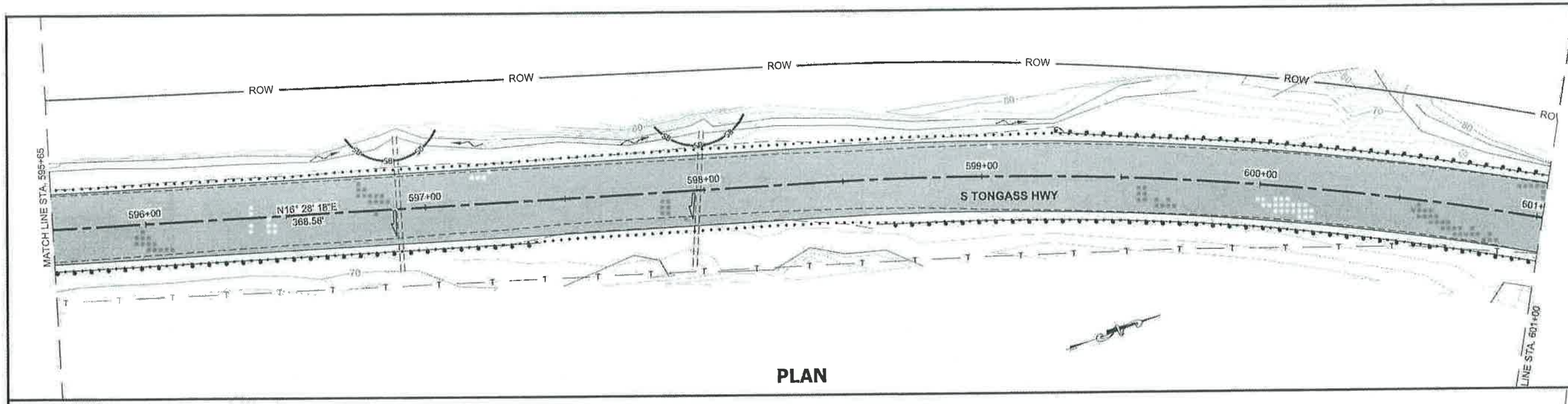
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

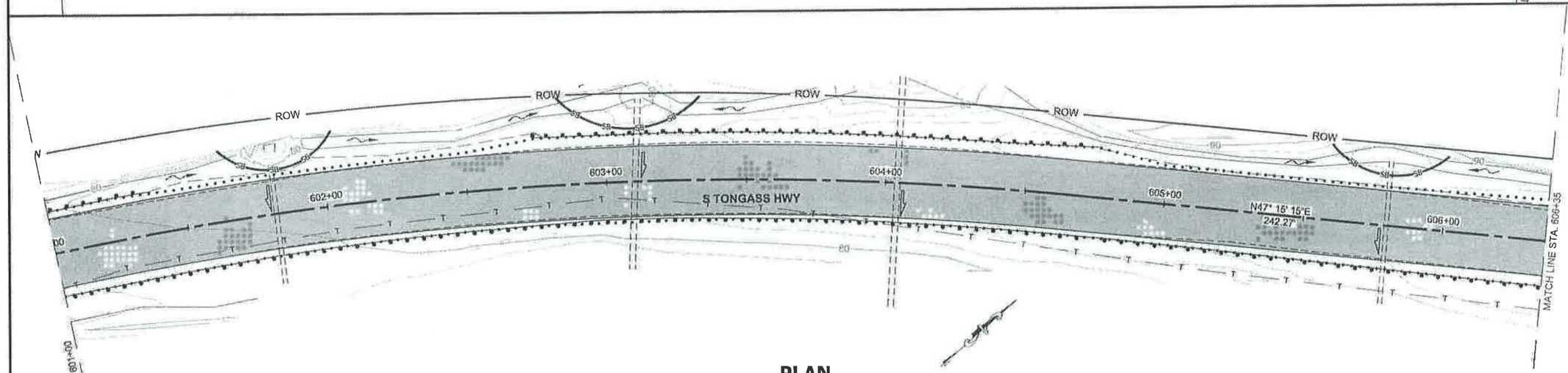
ESCP

PROJECT DESIGNATION
STP-NH-0902(040)~67674

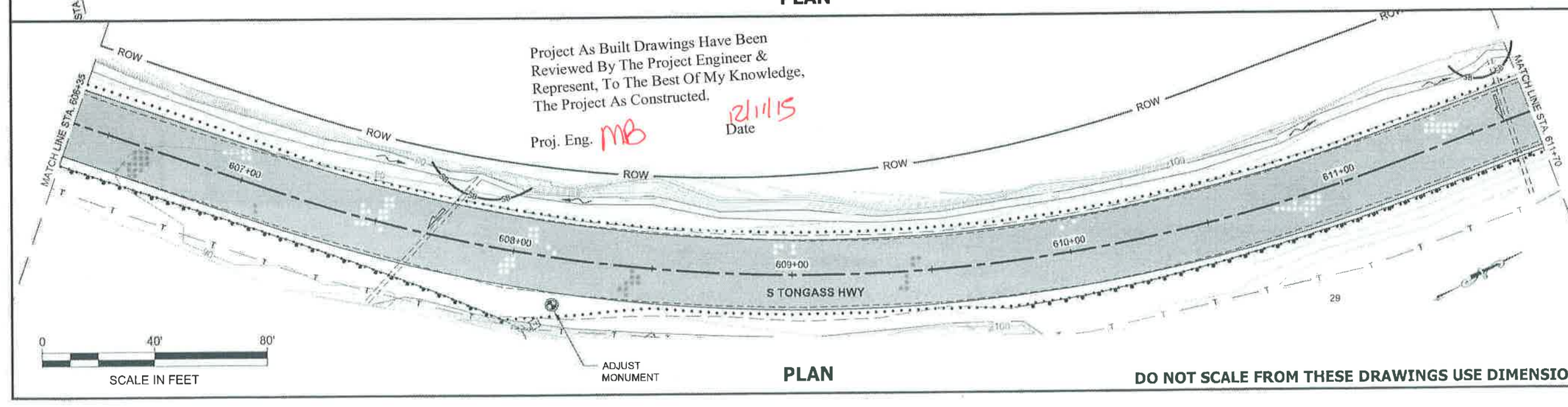
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P12	66



PLAN



PLAN

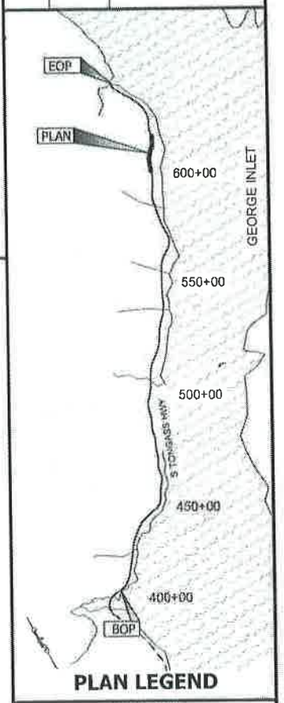


PLAN

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG
Plot By:
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:51:04 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. VAN ALSTINE

ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120,7.3 DATED NOVEMBER 15, 2013

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

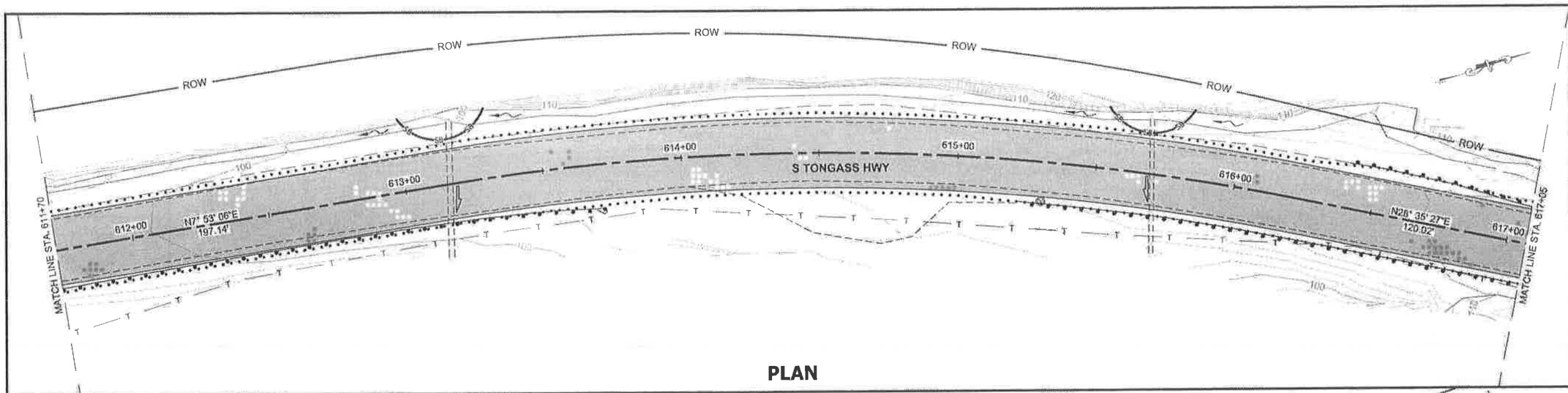
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

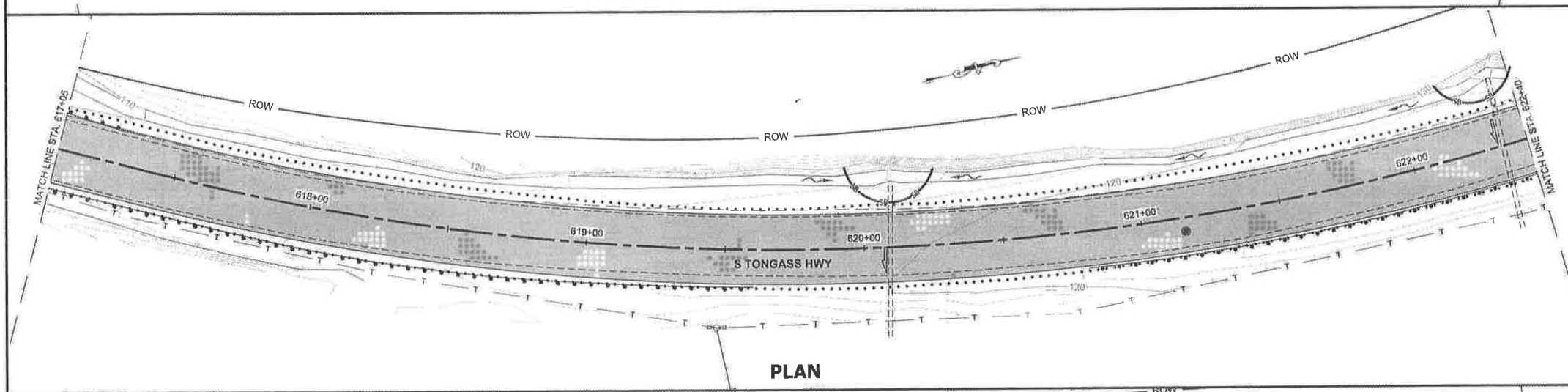
ESCP

PROJECT DESIGNATION
STP-NH-0902(040)~67674

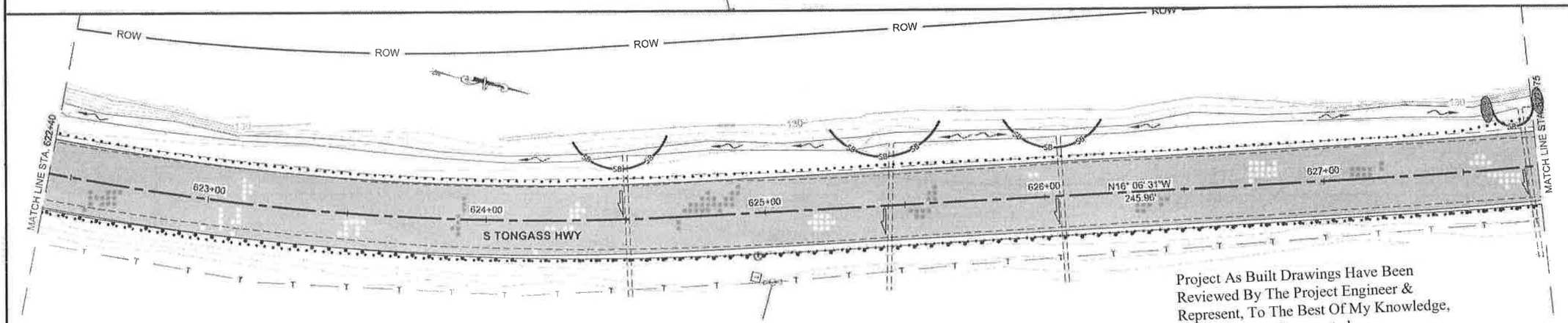
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P13	66



PLAN



PLAN



0 40' 80'

SCALE IN FEET

PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. _____ Date 12/11/15

DO NOT SCALE DIMENSIONS

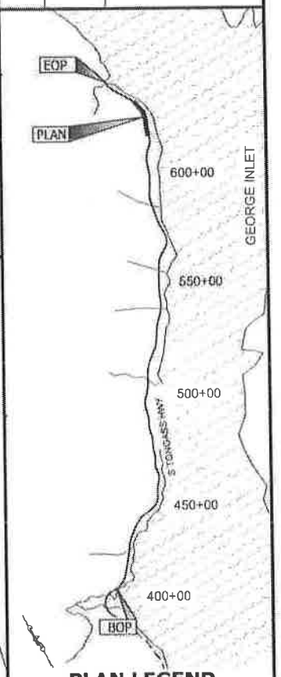
PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15 ESCP.DWG

SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:50:45 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

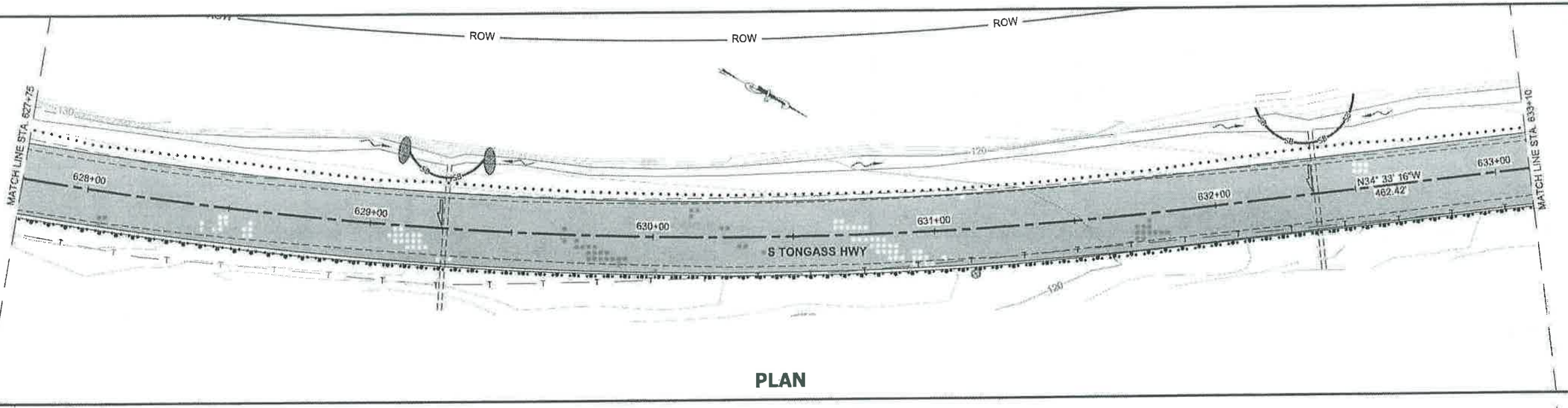
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

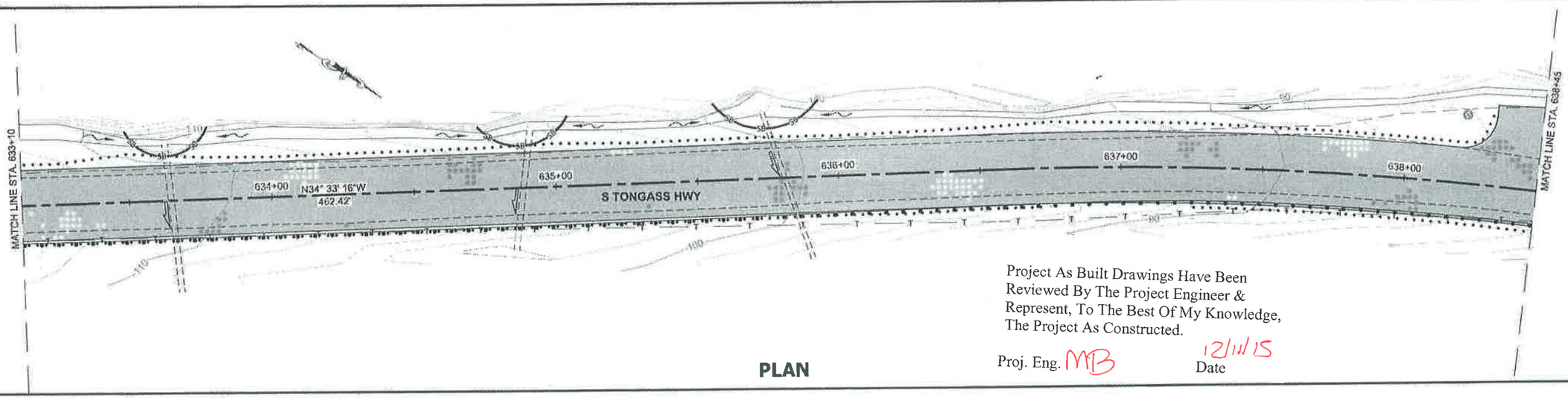
ESCP

PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P14	66



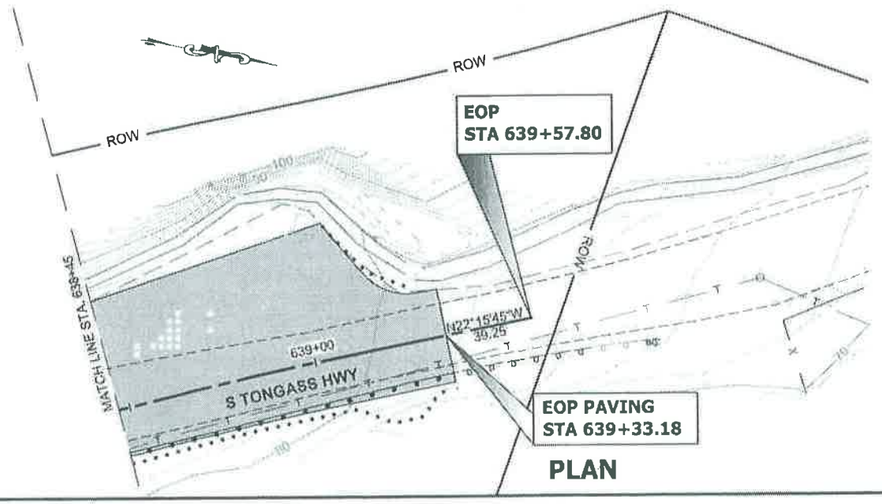
PLAN



PLAN

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15



PLAN

0 40' 80'

SCALE IN FEET

NOTES:

1. REFER TO APPENDIX B OF SPECIAL PROVISIONS FOR ENVIRONMENTAL COMMITMENTS.
2. THE LOCATION OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE & IMPLEMENT A SWPPP ACCORDING TO SECTION 641 OF THE SPECIFICATIONS.
3. INSTALL EROSION & SEDIMENT CONTROL DEVICES BEFORE BEGINNING PAVEMENT PULVERIZING ACTIVITIES OR AS SPECIFIED ELSEWHERE.
4. EROSION CONTROL MEASURERS WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND IN EFFECTIVE MUST BE REPLACED OR REPAVED WITHIN 24 HOURS FOLLOWING A NOTIFICATION.
5. MAINTAIN DEVICES. MONITOR DAILY.
6. LOCATION & LENGTH OF FIBER ROLLS IS DEPENDANT ON CONDITIONS OF THE SITE. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

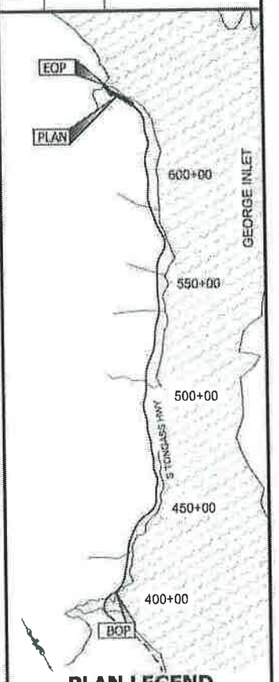
PATH:
Q:\KTN\67674\PLANSET\67674_P1-P15
ESCP.DWG
TAB: P15
SEIFERT, LOLITA T (DOT)
Wednesday, November 05, 2014 7:50:25 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

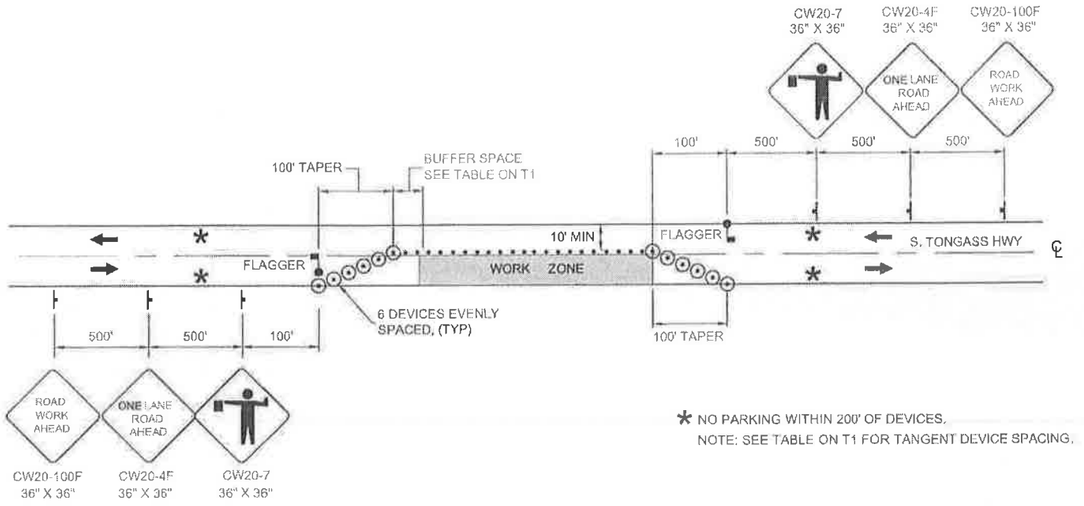
KTN-SOUTH TONGASS PAVING
PROJECT #67674

ESCP

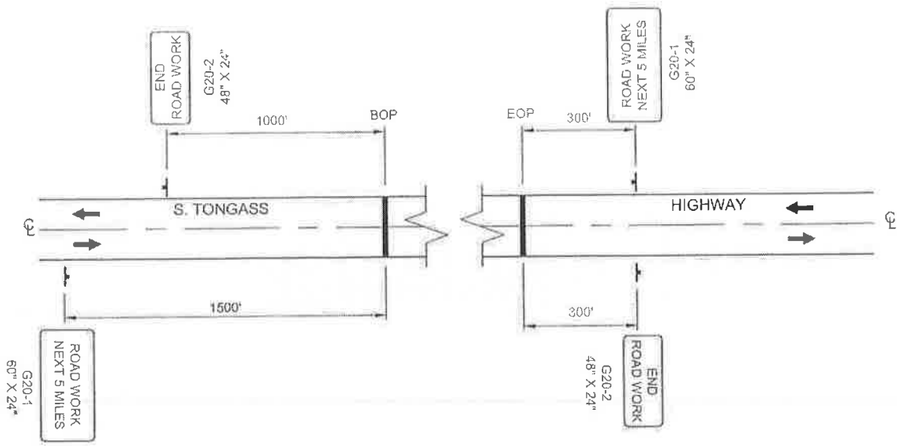
PROJECT DESIGNATION
STP-NH-0902(040)~67674

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
P15	66

Addendum #2; Attachment #7

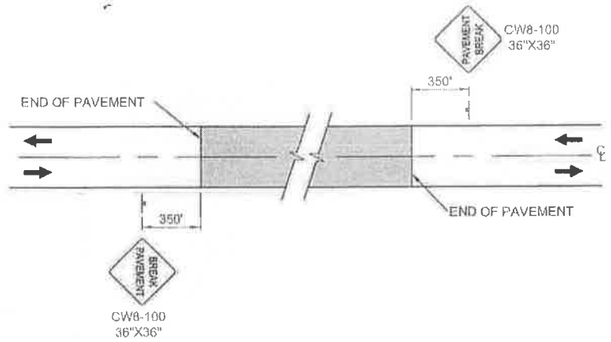


TWO LANE ROADWAY-SINGLE LANE CLOSURE

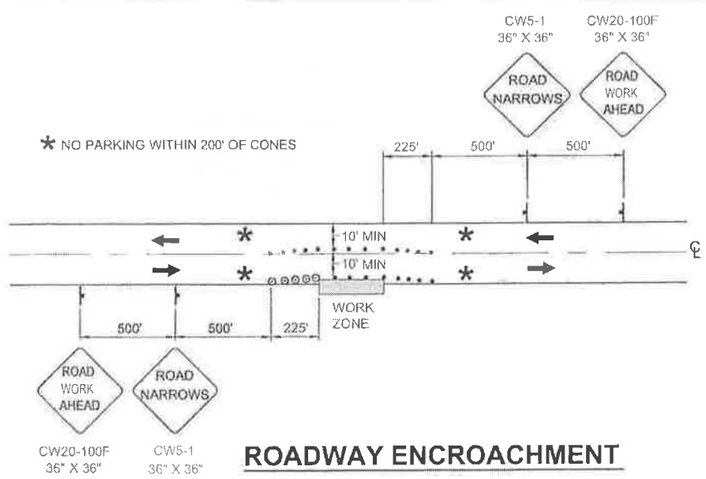


PERMANENT CONSTRUCTION SIGNING

SEE STANDARD DRAWING C-04.12 FOR DOUBLE TRAFFIC FINE SIGNS



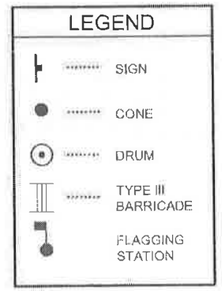
SIGNING FOR UNPAVED AREA



ROADWAY ENCROACHMENT

TRAFFIC CONTROL NOTES:

1. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. ALL TRAFFIC CONTROL PLANS SHALL BE DEVELOPED AND SUBMITTED FOR APPROVAL PRIOR TO USE.
2. A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES, THROUGH ALL WORK AREAS.
3. TWO LANES SHALL BE MAINTAINED AT ALL TIMES IN NON-WORK AREAS AND DURING NON-WORKING HOURS.
4. TRAFFIC LANES SHALL BE A MINIMUM OF 10' WIDE.
5. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED.
6. CHANNELIZATION DEVICES SHALL BE LIT IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL IF USED AT NIGHT.
7. KEEP THE PUBLIC INFORMED OF CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, PAVING, AND CHANGES IN THE LANE CONFIGURATIONS.
8. TRAFFIC DELAYS SHALL NOT EXCEED 10 MINUTES.
9. FLAGGERS SHALL BE IN RADIO CONTACT WITH ONE ANOTHER.



Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

TCP SETUP TABLE

	MIN MERGING TAPER LENGTH (L) IN FEET WIDTH OF OFFSET (W) IN			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
55	550	605	660	11	12	13	55	110	495
60	600	660	720	11	12	13	60	120	570

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: M. VAN ALSTINE

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

DESIGNED BY: L. SEIFERT
DRAWN BY: R. GRANTHAM

PATH: Q:\KTN\67674\PLANSET\ADDENDUM 1\67674_T1 TRAFFIC.DWG
TAB: T1 Wednesday, November 26, 2014 1:08:37 PM GRANTHAM, RICK L (DOT)

REVISIONS

NO.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN-SOUTH TONGASS PAVING
PROJECT #67674

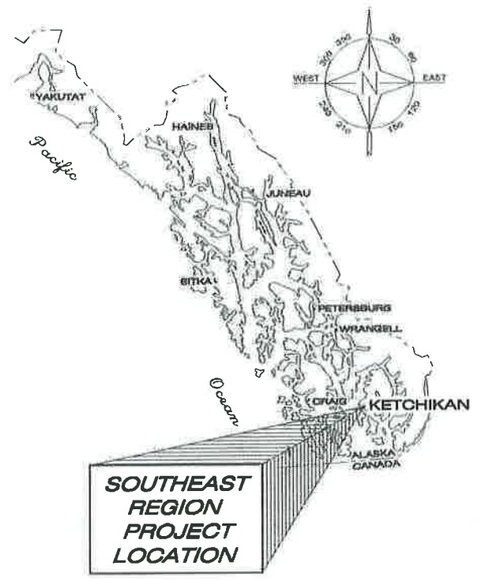
ADDENDUM TRAFFIC CONTROL PLAN

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-NH-0902(040)~67674	2014	T1	66

State of Alaska
Department of Transportation and Public Facilities
Southeast Region

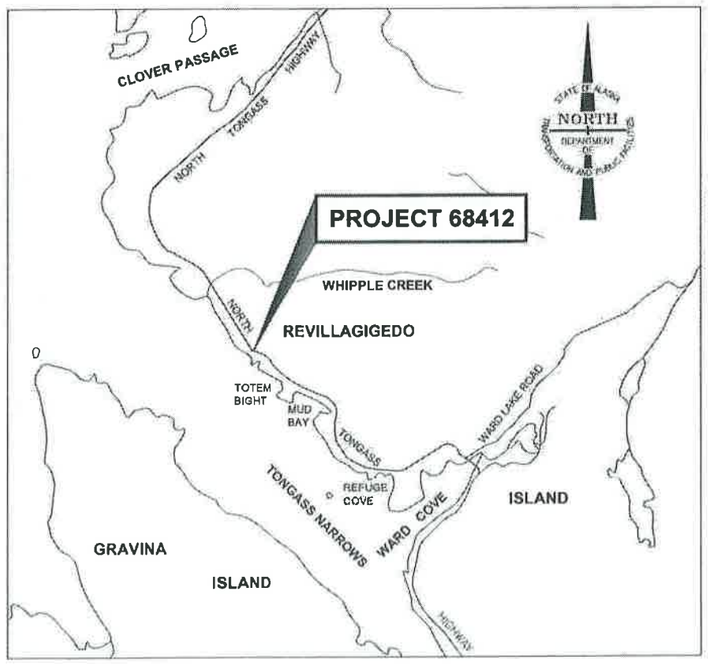
KETCHIKAN, ALASKA

COLLINS ROAD GUARDRAIL HSIP
PROJECT NO. 0902041 ~ 68412



As Advertised:

November 7, 2014



VICINITY MAP

DESIGN DESIGNATION

	2015	2035
AVERAGE DAILY TRAFFIC	4580	5060
DESIGN HOURLY VOLUME (10%)	490	540
DESIGN SPEED (MPH)	50	50
PEAK HOURLY FACTOR	0.9	0.9
DIRECTIONAL DISTRIBUTION (ENTERING/LEAVING)	55/45	55/45
PERCENT TRUCK TRAFFIC	13.1%	13.1%
EQUIVALENT AXLE LOAD		1,300,000
TURNING VEHICLE: WB-50		
VEHICLE LOADING: HS25		

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	G-10.01
G-00.02	G-20.11
G-04.10	

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/13 Date

INDEX

Asbuilts

ROUTE: 291500 MILEPOINT: 8.263 - 8.362

PATH: Q:\Ktn\68412\Planset\688412_A1_Ttl.dwg
Tue, 12/Aug/14 07:00AM dastevens

PLOT: PSPACE OR MSPACE: 1000mm=1m(F) TAB: TSHT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49TH David Bruce Epstein CE-8466 PROFESSIONAL ENGINEER 8-12-14

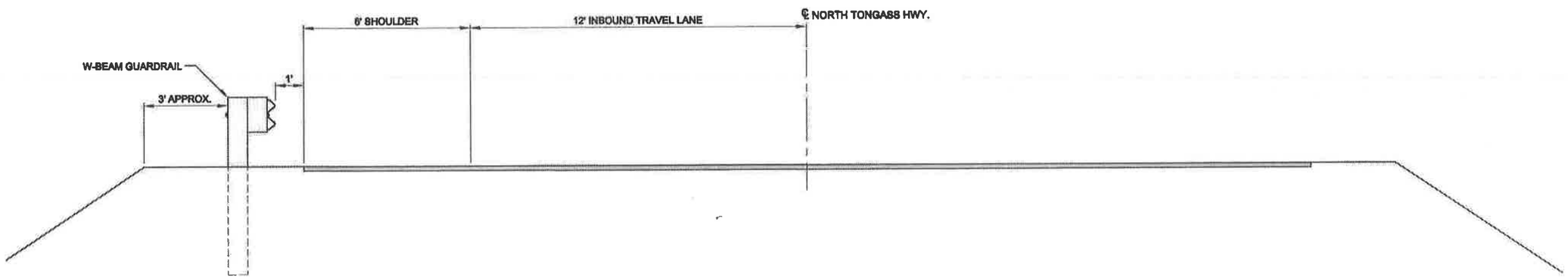
RECOMMENDED FOR APPROVAL:
8/19/14
L. PAT CARROLL, P.E. DATE
REGIONAL PRE-CONSTRUCTION ENGINEER

APPROVED:
FOR 8/19/14
CHUCK CORREA, P.E. DATE
DIRECTOR OF DESIGN & CONSTRUCTION

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

CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0902041~68412	2014	A1	6



TYPICAL SECTION
W-BEAM GUARDRAIL

NTS

NOTE:
INSTALL GUARDRAIL POST PER STD. DWG. G-10.01.

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB 12/11/15
Date

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\68412\PLANSET\68412_B1_TYPICAL SECTION.DWG

TAB: B1 STEVENS, DAVID

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KTN: COLLINS ROAD
GUARDRAIL HSIP

TYPICAL SECTION

F

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
10 15 14
David Bruce Epstein
CE-6868
Registered Professional Engineer
8-12-14

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

**KTN - COLLINS ROAD
GUARDRAIL HSIP**

TYPICAL SECTION

PROJECT DESIGNATION	
0902041 - 68412	
STATE	YEAR
ALASKA	**2014**
SHEET NUMBER	TOTAL SHEETS
B1	**6**

Addendum #2; Attachment #8

BASIC BID - ESTIMATE OF QUANTITIES

ITEM NO	ITEM DESCRIPTION	PAY UNIT	QUANTITY
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	256
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	2
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, PER DIEM	LUMP SUM	ALL REQUIRED
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
643 (2)	TRAFFIC MAINTENANCE	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

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KTN\67674\PLANSET\ADDENDUM 1\68412_C1.DWG

TAB: C1 GRANTHAM, RICH

ADDENDUM NUMBER
2

ATTACHMENT NUMBER
8

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KTN: COLLINS ROAD
GUARDRAIL HSIP

ESTIMATE OF QUANTITIES

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
David Bruce Epstein
CE-6866
11/26/14

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

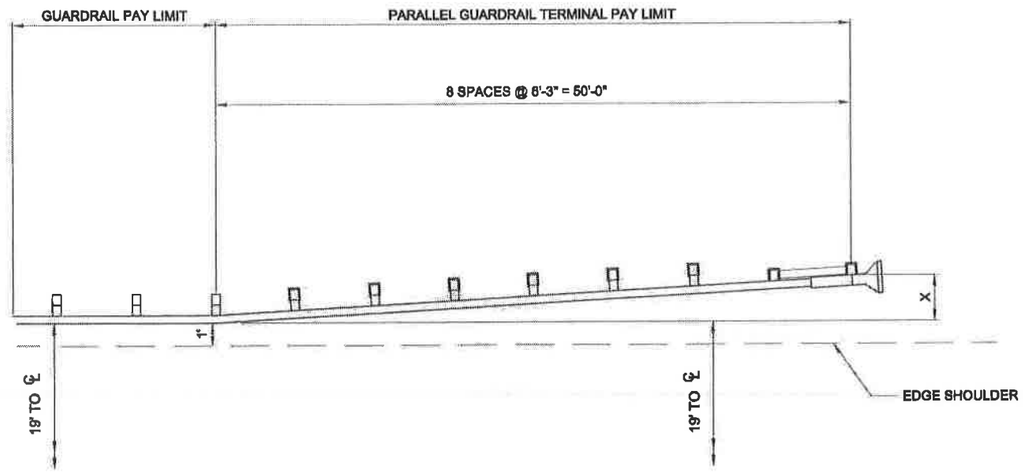
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN - COLLINS ROAD
GUARDRAIL HSIP

ADDENDUM 2
ESTIMATE OF
QUANTITIES

PROJECT DESIGNATION
0902041 - 68412

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
C1	6

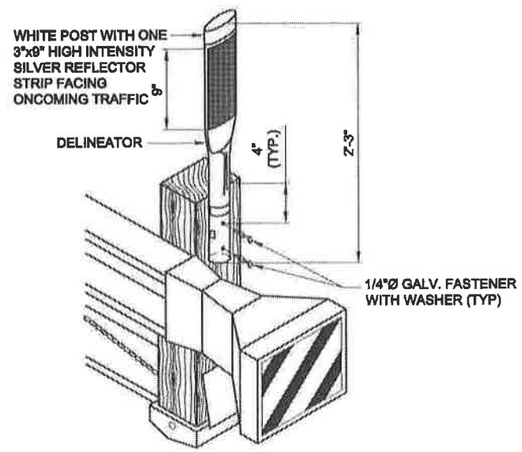


PARALLEL GUARDRAIL TERMINAL LAYOUT PLAN

NO SCALE

NOTES:

1. INSTALLATION AND MATERIALS PER PARALLEL GUARDRAIL TERMINAL MANUFACTURER RECOMMENDATION, DIRECTION, AND SUPPLY.
2. SEE STANDARD DRAWING G-20.10 FOR ADDITIONAL INFORMATION.
3. END OFFSET "X" IS 2 FEET FOR THE UPSTREAM TERMINAL AND 0 FEET FOR THE DOWNSTREAM TERMINAL.



FLEXIBLE GUARDRAIL DELINEATOR

NO SCALE

DELINEATOR NOTES:

1. EACH PARALLEL GUARDRAIL TERMINAL END SHALL HAVE ONE DELINEATOR.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\68412\PLANSET\68412_E1 DET8.DWG

TAB: E1 STEVENS, DAVID

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KTN: COLLINS ROAD
GUARDRAIL HSIP

PARALLEL GUARDRAIL TERMINAL DETAILS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA 49TH "David Bruce Epstein" CE-9868 PROFESSIONAL ENGINEER

8-12-14

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KTN - COLLINS ROAD
GUARDRAIL HSIP

PARALLEL GUARDRAIL TERMINAL DETAILS

PROJECT DESIGNATION	
0902041 - 68412	
STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
E1	6

PATH:
Q:\KTN\68412\PLANSET\68412_F1_PLAN.DWG

TAB: F1 STEVENS, DAVID

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

INSTALL NEW 50' PARALLEL GUARDRAIL TERMINAL

INSTALL NEW W-BEAM GUARDRAIL

INSTALL NEW 50' PARALLEL GUARDRAIL TERMINAL

COLLINS COURT

PAULF ROAD

ROW

VBS

NORTH TONGASS HIGHWAY

D-1 LOOP ROAD

METAL GATE

PT = 217+78.53

PC = 220+87.27

N68°28'39"W 308.94'

217+00 218+00 219+00 220+00 221+00 222+00 223+00 224+00

H 10643

H 10641

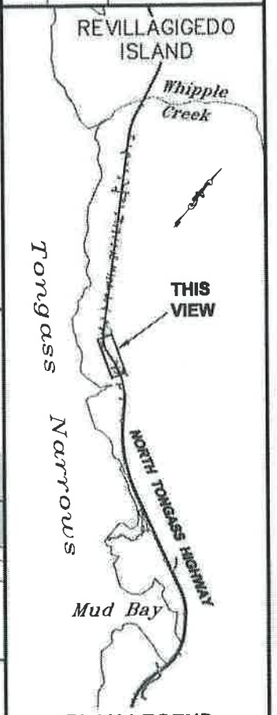
NOTES:
1. PROJECT BEGINS AT APPROXIMATE STA. 218+18, 10' WEST OF BEGINNING OF RADIUS FROM INBOUND N. TONGASS HIGHWAY ONTO COLLINS ROAD.
2. VBS = VEGETATIVE BUFFER STRIP, APPROXIMATE LOCATION.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49TH
David Bruce Epstein
CE-8446
REGISTERED PROFESSIONAL ENGINEER
8.12.14

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

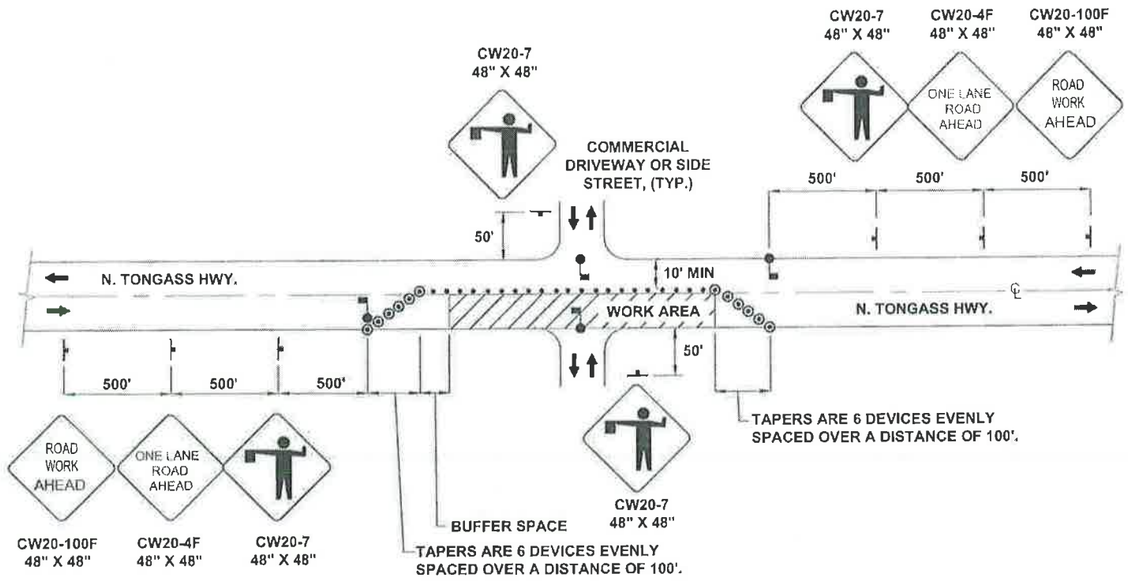
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN - COLLINS ROAD GUARDRAIL HSIP

PLAN VIEW

PROJECT DESIGNATION
0902041 - 68412

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
F1	6



TWO LANE ROADWAY-SINGLE LANE CLOSURE

LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGER

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)
45	450	495	540	11	12	13	45	90	360
50	500	550	600	11	12	13	50	100	425
55	550	605	660	11	12	13	55	110	495
60	600	660	720	11	12	13	60	120	570

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng.: MB Date 12/11/15

TRAFFIC CONTROL NOTES:

1. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. ALL TRAFFIC CONTROL PLANS SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
2. A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES IN WORK AREAS.
3. TWO LANES SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS IN NON-WORK AREAS AND DURING NON-WORKING HOURS.
4. DRIVING LANES SHALL BE A MINIMUM WIDTH OF 10'.
5. TRAFFIC DELAYS SHALL NOT EXCEED 5 MINUTES.
6. WORK SHALL BE ACCOMPLISHED ONLY BETWEEN THE HOURS OF 9AM AND 4PM.
7. SEE TCP SETUP TABLE FOR TAPER AND BUFFER SPACE DIMENSIONS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KTN\67674\PLANSET\ADDENDUM 1\68412_S1.DWG

TAB: S1 GRANTHAM, RICH

ADDENDUM NUMBER: 2

ATTACHMENT NUMBER: 9

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KTN: COLLINS ROAD GUARDRAIL HSIP

TRAFFIC CONTROL PLAN

CHECKED BY:

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

DESIGNED BY:

DRAWN BY:

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

KTN - COLLINS ROAD GUARDRAIL HSIP

ADDENDUM 2 TRAFFIC CONTROL PLAN

PROJECT DESIGNATION: 0902041 - 68412

STATE	YEAR
ALASKA	2014
SHEET NUMBER	TOTAL SHEETS
S1	6

A-1

SHEET | of |

INTERNATIONAL BOUNDARY LINE — ALASKA / CANADA — Pen #4

CORPORATED OR CITY LIMITS — Pen #1

TOWNSHIP & RANGE LINE — T.17N., R.2W., SM / T.16N., R.2W., SM — Pen #1

SECTION LINE OR BLOCK LINE, NOT ABUTTING STREET IN SUBDIVISIONS — Pen #1

1/4 SECTION LINE — Pen #1

1/16 SECTION LINE OR LOT LINE IN SUBDIVISIONS — Pen #1

CONTROLLED ACCESS — Pen #3 C/A

EASEMENT LINE (PROPOSED) — Pen #1

EASEMENT LINE (EXISTING) — Pen #00

SET BACK LINE — Pen #0

PROJECT RIGHT-OF-WAY LINE — Pen #3 R/W

STAKED CENTERLINE — Pen #2

CONSTRUCTION CENTERLINE — Pen #3

EXISTING CENTERLINE — Pen #1

STATION EQUATIONS — 'L' 48+94.70 PT = 'L' 48+32.05 PDT — Pen #1

SECTION LINE INTERSECTION — S 23° 30'W — 193.6' — 51+41.3

ROAD CLOSURE — 115 — Pen #3

LIMIT OF CUT SLOPE — Pen #0

LIMIT OF FILL SLOPE — Pen #1

OBLITERATE ROADWAY — Pen #0

	RECOVERED MONUMENT	RECORD MONUMENT
TOWNSHIP CORNER		
SECTION CORNER	6 5 7 8	6 5 7 8
1/4 SECTION CORNER	6 5	6 5
CENTERLINE SURVEY MONUMENT		

P. K. NAIL

MISCELLANEOUS FOUND CORNER

MAILBOX — MB

SATELLITE DISH — SAT. DISH

PVC CONDUIT

RIGID METAL CONDUIT (EXISTING)

RIGID METAL CONDUIT (PROPOSED)

RAILROAD TRACKS--- SINGLE--

MULTIPLE or DOUBLE--

RAILROAD PROTECTIVE DEVICES

ADVANCE WARNING — X-BUCK — FLASHING LIGHT — CANTILEVER

EXISTING UTILITY PIPELINES (Direction or flow indicated by bell)

OIL — SANITARY SEWER — GAS — WATER

PROPOSED UTILITY PIPELINES

OIL — SANITARY SEWER — GAS — WATER

EXISTING STORM DRAIN — STORM DRAIN

PROPOSED STORM DRAIN STRUCTURE AND PIPE NO'S APPLICABLE IF SHOWN — S-1 — S-2 — SD — P-1 — P-2

	EXISTING	PROPOSED
FIRE HYDRANT		
METER		
VALVE or RISER		
POWER POLE		
JOINT USE POWER & TELEPHONE		
TELEPHONE or TELEGRAPH POLE		
TRANSMISSION TOWERS	Steel / Wood	Steel / Wood
POLE ANCHOR		
STUB POWER or TELEPHONE		
TELEPHONE DUCT	T	T
ELECTRIC DUCT	E	E
TELEPHONE MANHOLE	TMH	TMH
ELECTRIC MANHOLE	EMH	EMH
LUMINAIRE (MAST ARM MOUNTED)	5	5
LUMINAIRE (SPAN WIRE MOUNTED)	4	4
TELEPHONE PEDESTAL	T	T
ELECTRICAL TRANSFORMER	E	E
BURIED CABLE MARKER		
CATCH BASIN or DROP INLET		
MANHOLE	MH.	MH.

INTERMITTENT DRAINAGE

INTERCEPTOR DITCH

TUNNEL

EXISTING ROADWAY

DAM

FORD

FERRY

HEAD & WINGWALLS

LAKE & RESERVOIRS — LAKE — RES. — RIVER — CREEK

RIVERS OR CREEK

BUILDINGS: H=HOUSE, M=MERCHANT/STORE, S=SHED, SS=SERVICE STATION, G=GARAGE, B=BARN, P=PRIVY, W=WAREHOUSE — PROPOSED H — EXISTING H

FOUNDATIONS — FD — FD

WETLANDS

STUMPS

TANK (ABOVE GROUND) — 550 GAL. FUEL OIL TANK

TANK (BELOW GROUND) — 550 GAL. FUEL OIL TANK

GAS PUMP — GAS PUMP

DELINEATOR--GUIDE MARKER (FACING →)

RETAINING WALL

STONE FENCE

	EXISTING	PROPOSED
DECIDUOUS TREE		
CONIFER TREE		
CONIFER TREE SHRUB		
SIGN (FACING →)		
RIPRAP		
BRIDGE		
PIPE CULVERTS		

NOISE BARRIER

FENCE LINE

GUARDRAIL

GUIDE POST

SIDEWALK

CONCRETE CURB

CONCRETE CURB GUTTER

DRIVEWAYS, APPROACHES

	EXISTING	PROPOSED
SIGNAL FACE, VEHICULAR	9	9
SIGNAL FACE, BACKPLATE	9	9
SIGNAL FACE, LEFT TURN, BACKPLATE	9	9
SIGNAL FACE, PEDESTRIAN	2	2
JUNCTION BOX, TYPE I	1	1
JUNCTION BOX, TYPE II	2	2
JUNCTION BOX, TYPE III	3	3
DETECTOR, LOOP	4	4
DETECTOR, MAGNETOMETER	6	6
DETECTOR, RADAR	R	R
DETECTOR, SONIC	S	S
DETECTOR, OPTICOM		
DETECTOR, PUSH BUTTON (DIRECTION →)	5	5
SIGNAL CONTROLLER		
LOAD CENTER		
SIGNAL POLE	2	4
SIGNAL POLE w/MASTARM	3	5

SOLID WHITE STRIPE

SOLID YELLOW STRIPE

BROKEN WHITE or YELLOW STRIPE

DASH YELLOW STRIPE

SOLID YELLOW STRIPE with BROKEN YELLOW STRIPE

FOR STRIPING PLANS — W — Y — W — Y — W — Y — Y

842 — R.R 2580+60 — HWY. 126+38

RAILROAD MILE POST

REVISIONS		
Date	Description	By

State of Alaska
Department of Transportation
& Public Facilities

SYMBOLS

143

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

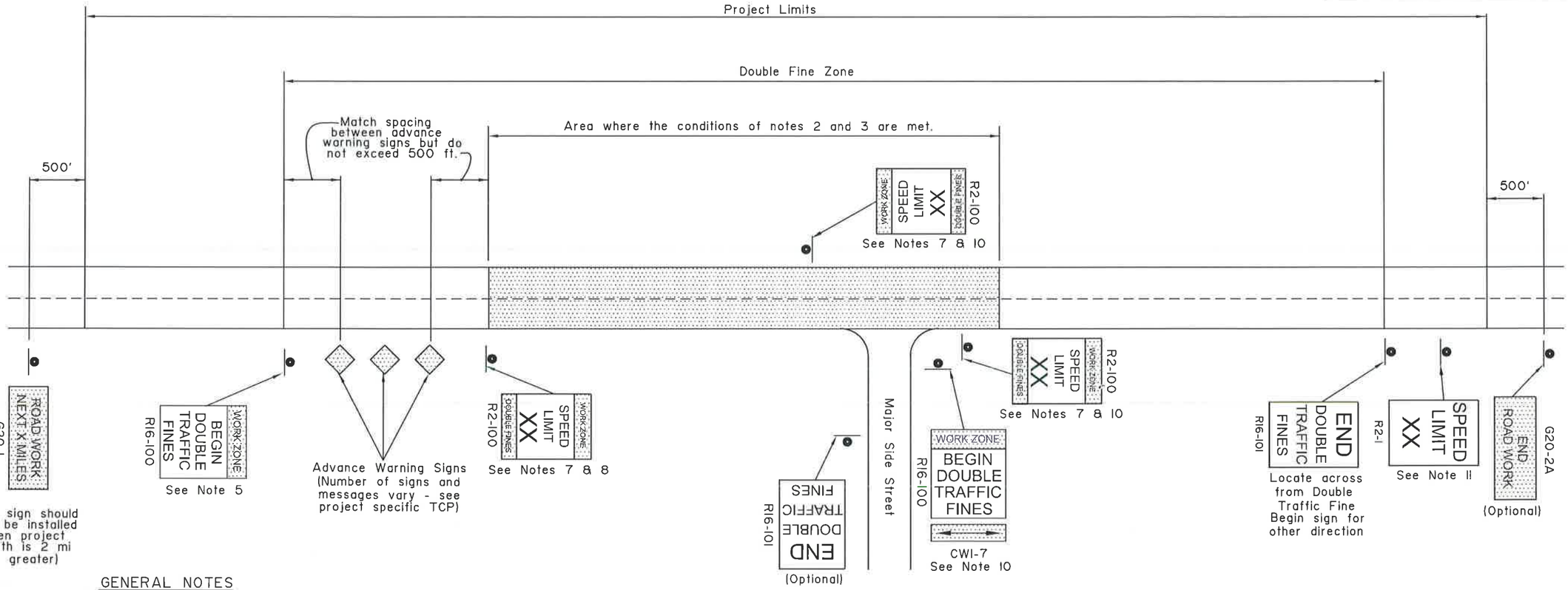
Proj. Eng. MB — 12/14/15 Date

APPROVED — 49th — Loren L. Rasmussen LE-3095

A-1

C-04.12

SHEET 1 of 1



GENERAL NOTES

1. Signs are shown for one direction only (with one exception). Signs for the other direction mirror those shown.

2. Double fine signs shall be used only where one or more of the following conditions exist:
   a. Active work areas (where road workers and/or machines are presently working on or adjacent to a road)
   b. Detours on new temporary roads built for that purpose (this does not include detours on existing streets)
   c. Sections of paved roads where pavement has been removed.
   d. Roads being paved where unmatched asphalt lifts result in a vertical lip between lanes.

3. Double fine signs shall be confined to the areas where the above conditions exist, with the following exceptions:
   a. If the project is 2 miles or shorter in length, the entire project may be posted for double fines when the above conditions exist on any part of the project.
   b. When the above conditions exist at multiple locations separated by less than 2 miles, the locations and the intervening segments may be posted as a single double fine zone.

4. Double fine signs shall be removed or covered when work activity ceases for more than two days and conditions b, c, or d of note 2 are not met.

5. The R16-100 "BEGIN" sign may be used in place of the first advance warning sign. However, when this is done, the appropriate advance warning sign must be reinstalled when the double fine sign is taken down or covered.

6. When a double fine zone is longer than 2 miles, work zone speed limit signs shall be posted at spacings not greater than 2 miles within the double fine zone.

7. "Work zone speed limit signs", as used here, refer either to 1) R2-100 signs or 2) standard R2-1 regulatory speed limit signs with CW20-102 "DOUBLE FINES" plates mounted below.

8. The limit shown on work zone speed limit signs shall be either the existing limit before construction or, if a work zone speed limit order has been approved in accordance with ADOT&PF Procedure 05.05.020 PDR, a reduced limit.

9. All existing regulatory speed limit signs within double fine zones shall either be replaced with R2-100 signs or supplemented with CW20-102 plates.

10. Signs shall be installed at major intersections within the double fine zone to warn entering drivers of double fines. This may be done with a R16-100 sign with a CWI-7 arrow panel on the side street or with two work zone speed limit signs on the main street on either side of the intersection. Use of R16-100 signs on side streets eliminates the need for "Road Work Ahead" signs on those streets. If the speed limit has been reduced, the two work zone speed limit signs are mandatory.

11. At the end of each double fine zone, install an R2-1 sign showing the speed limit for the road beyond the double fine zone.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

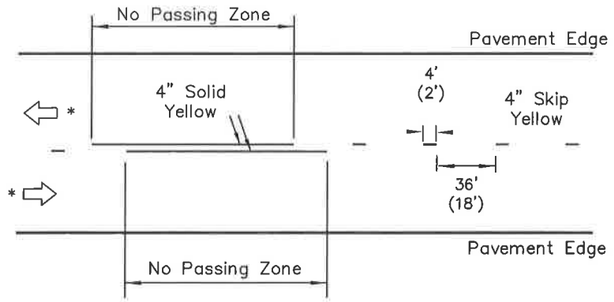
REVISIONS		
Date	Description	By
6/11/99	Revised Notes	KJS
2/28/03	Rev. Notes & Sign No's	KJS

State of Alaska
Department of Transportation & Public Facilities

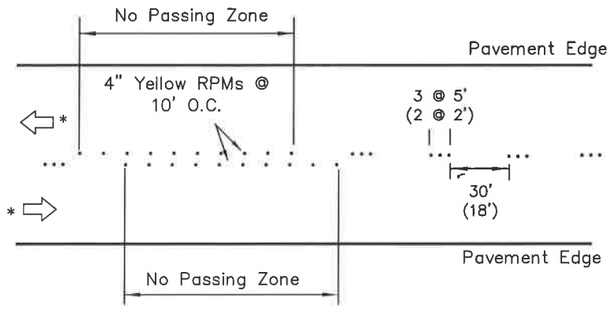
LOCATION OF DOUBLE TRAFFIC FINE SIGNS

APPROVED Date 3/31/99

C-04.12



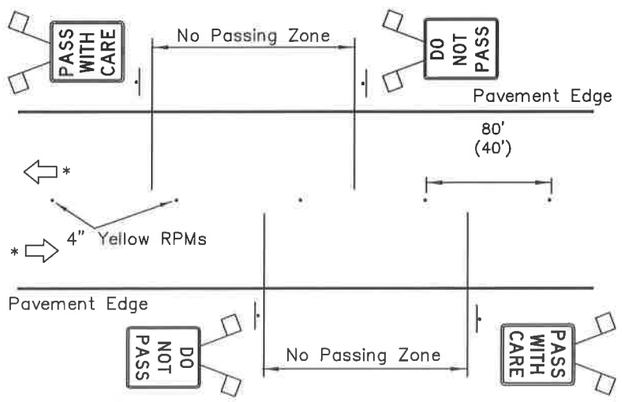
Striping



Temporary Raised Pavement Markers

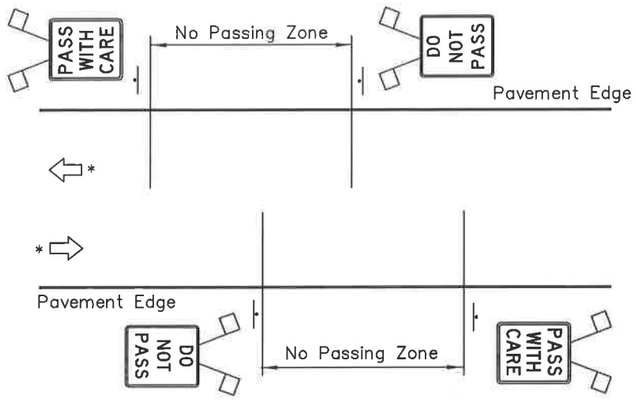
DETAIL A

Two–lane road: No Passing Zones indicated with pavement markings.



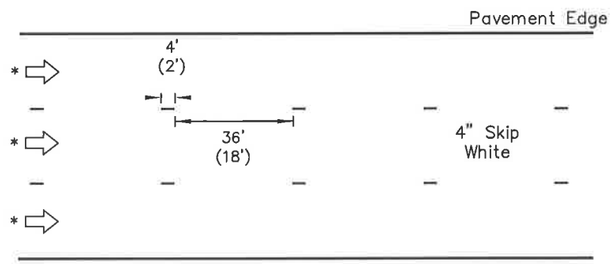
DETAIL B

Two–lane road: No Passing Zones indicated by signs only. Raised pavement markers for centerline delineation.

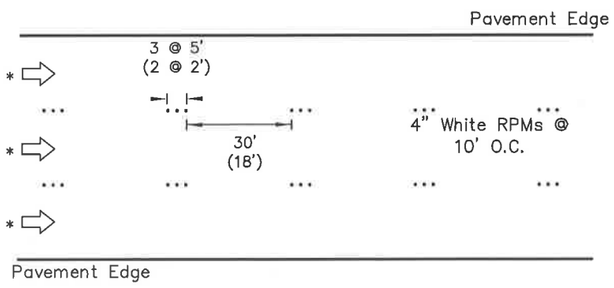


DETAIL C

Two–lane road: No Passing Zones indicated by signs only (see Note 2c). No centerline delineation.



Striping



Temporary Raised Pavement Markers

DETAIL D

Multilane one–way road: Lane dividing lines

* Direction of Travel

GENERAL NOTES:

1. Final pavement markings conforming to Part 3 of the Alaska Traffic Manual should be installed before paved roads are open to public travel. If that is not practical, install interim pavement markings as shown on this drawing. Maintain interim pavement markings until final pavement markings are installed.

2. No interim pavement markings are required:
   a. on projects that will not have permanent markings when finished.
   b. in work zones that are open to public travel for no more than one work shift during daytime or for no more than one hour at night.
   c. where DO NOT PASS and PASS WITH CARE signs are installed on two lane roads as shown in Detail C, no pavement markings are required:
      1) for 3 days if seasonal ADT is above 2000, or
      2) for 1 month if seasonal ADT is below 2000.

3. Interim pavement markings should not be in place longer than 14 calendar days before being replaced with permanent markings conforming to Part 3 of the Alaska Traffic Manual unless the Engineer provides written approval.

4. Where R4-1 DO NOT PASS signs are used, install at the beginning of no passing zones and at no more than 1500' spacings within no passing zones.

5. Install high level warning devices on all DO NOT PASS and PASS WITH CARE signs.

6. Offset temporary markings 8"-12" from the future location of permanent markings if applied on the same lift of pavement.

7. Dimensions in parenthesis apply to curves with a radius of 1000 feet or less or where posted speed limit is 30 mph or less.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

REVISIONS		
Date	Description	By
4/28/10	RPM spacing, signs	KJS

Sheet 1 of 1

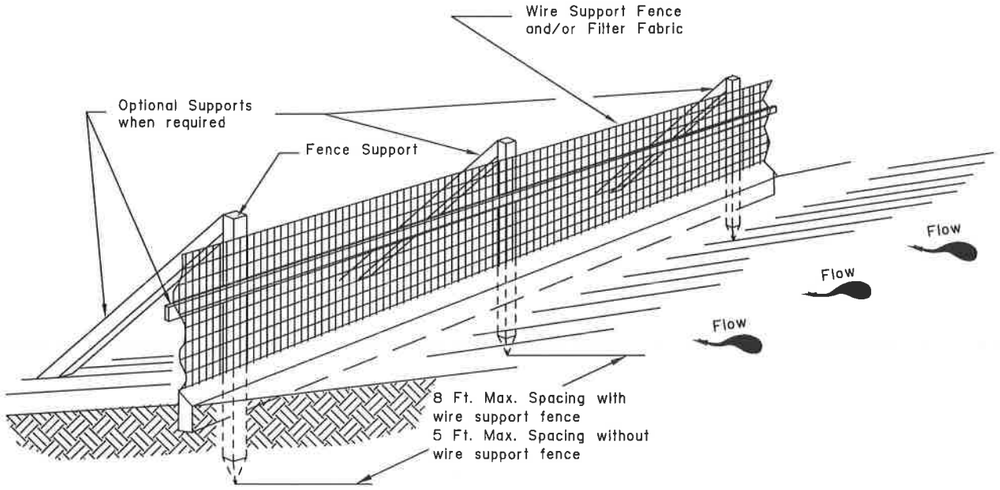
State of Alaska
Department of Transportation & Public Facilities

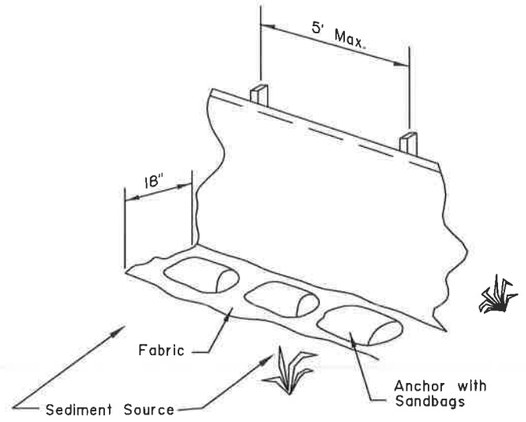
INTERIM PAVEMENT MARKINGS

APPROVED Kurtis J. Smith 49TH STATE OF ALASKA 4/28/10

Date 5/31/12

C-05.20

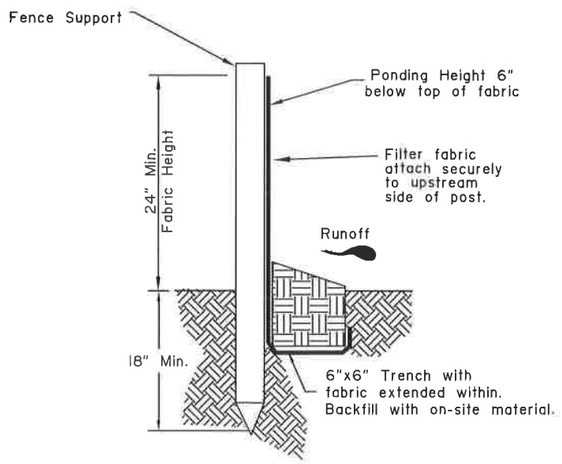




SANDBAG SUPPORT DETAIL

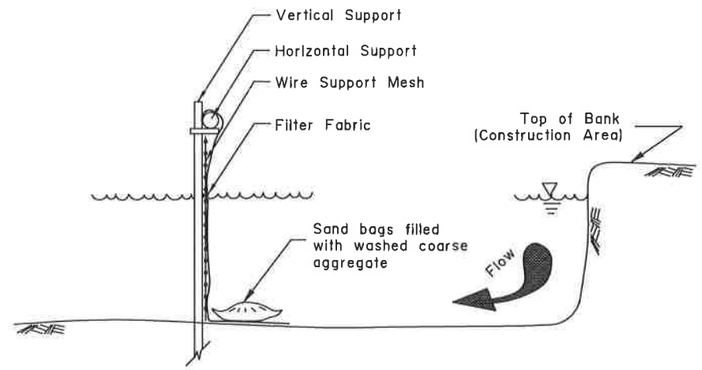
GENERAL NOTES:

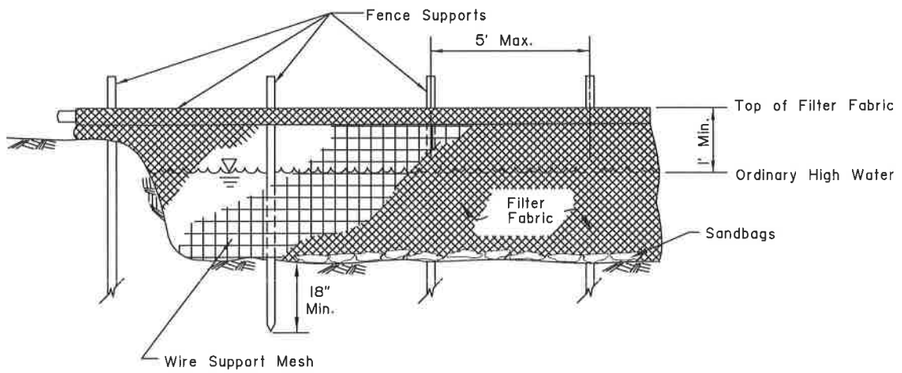
1. Silt Fence Supports shall be 2-inch PVC pipe reinforced with iron pipe or No. 6 rebar, wood posts, or as approved.
2. For Water Installations, secure the ends of the silt fence to the stream bank by staking.
3. Use approved Wire Support Mesh to keep filter fabric in place in water installations.
4. For Land Installations, fence shall be placed at the toe of embankment or excavation areas, or as directed.
5. Fence anchored in standing water shall have the bottom anchored with sandbags or equivalent to prevent gaps.
6. Installation and application shall be in accordance with the practices as outlined in the Erosion and Sediment Control Plan.
7. Filter fabric shall be overlapped 6 inches at fence supports.
8. Filter fabric shall be hung taut, not loose or folded.



TRENCH SUPPORT DETAIL

TYPICAL LAND INSTALLATION





TYPICAL WATER INSTALLATION

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

REVISIONS		
Date	Description	By

State of Alaska
Department of Transportation
& Public Facilities

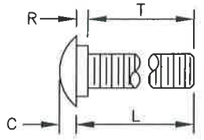
SEDIMENT CONTROL SYSTEM (SILT FENCE)

APPROVED Date 1/1/96

E-13.00

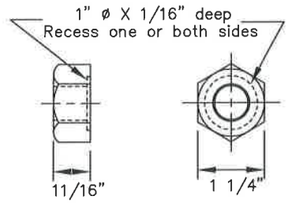
GENERAL NOTES:

1. All covered hardware shall comply with the AASHTO/AGC/ARTBA "A Guide to Standardized Highway Barrier Hardware", latest edition.

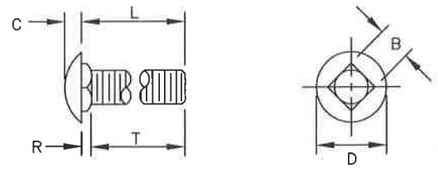


B	C	D	L (Length)	R	T (Thread Length)
15/16"	5/16"	1 5/16" or 1 7/16"	As Required	7/32"	As Required

5/8" BUTTONHEAD BOLT

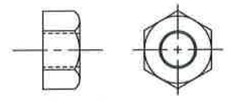


5/8" Dia. RECESSED HEX NUT

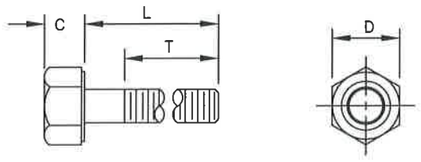


B	C	D	L (Length)	R	T (Thread Length)
5/8"	5/16"	1 5/16"	As Required	3/16"	As Required

5/8" Dia. CARRIAGE BOLT

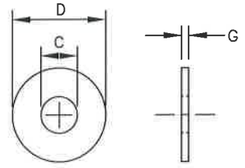


STANDARD HEX NUT



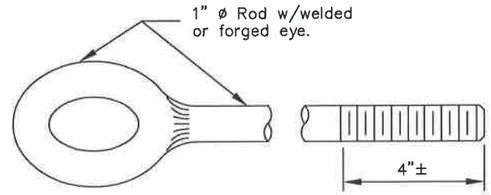
Bolt Size	C	D	L (Length)	T (Thread Length)
5/16"	——	——	1 1/2"	7/8"
5/16"	——	——	1"	1"
3/8"	——	——	7 1/2"	1 1/2"
1/2"	——	——	1 1/2"	1 1/2"
1/2"	——	——	1 1/4"	1 1/4"
5/8" H.S.	5/16"	7/8"	8"	1 1/2"
5/8"–11	——	——	1 1/2"	1 1/2"
3/4"	——	——	1 1/2"	1 1/2"
3/4"	——	——	As Required	2"
3/4" H.S.	15/32"	1 1/4"	2"	1 1/2"

STANDARD HEX BOLTS

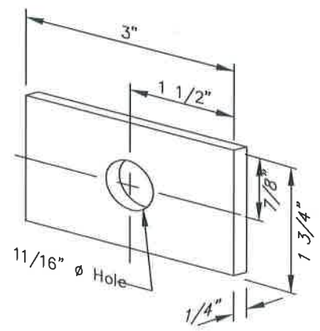


For Bolt ø	C	D	G
3/8"	7/16"	1"	5/64"
1/2"	17/32"	1 1/16"	3/32"
1/2" H.S.	17/32"	1 1/16"	3/32"
5/8"	11/16"	1 3/4"	9/64"
3/4"	13/16"	1 15/32"	9/64"
3/4" H.S.	13/16"	2"	5/32"
1"	1 1/16"	2"	9/64"

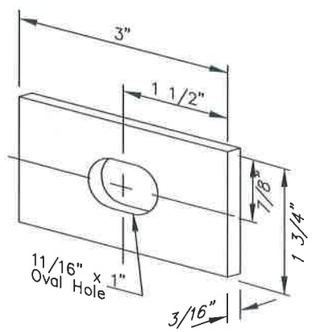
STANDARD STEEL WASHERS



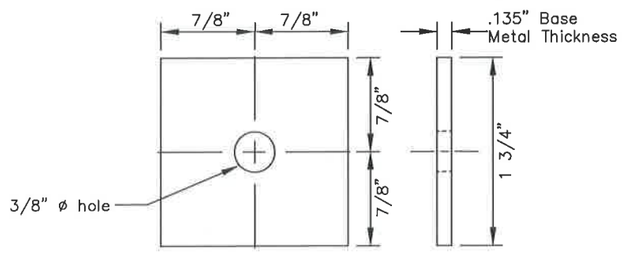
EYE BOLT



FLAT PLATE WASHER



RECTANGULAR POST BOLT WASHER



SQUARE STEEL WASHER

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB 12/11/15 Date

REVISIONS		
Date	Description	By
3/15/99	Delete BCT Hardware	KJS

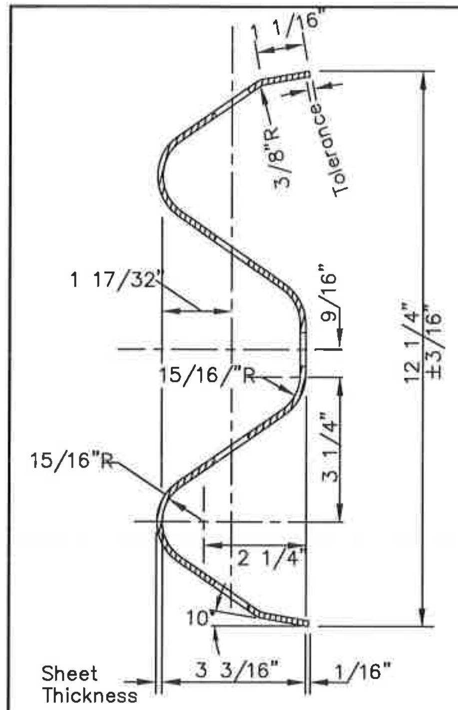
State of Alaska
Department of Transportation
& Public Facilities

STANDARD GUARDRAIL HARDWARE
(NUTS, BOLTS, WASHERS)

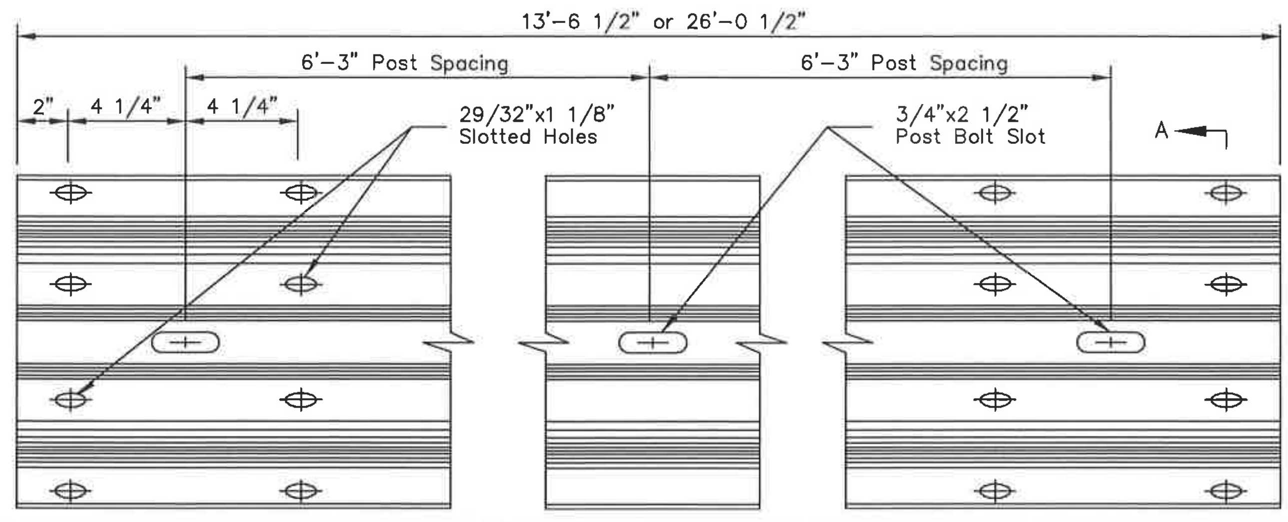
APPROVED Date 5/31/12

G-00.02

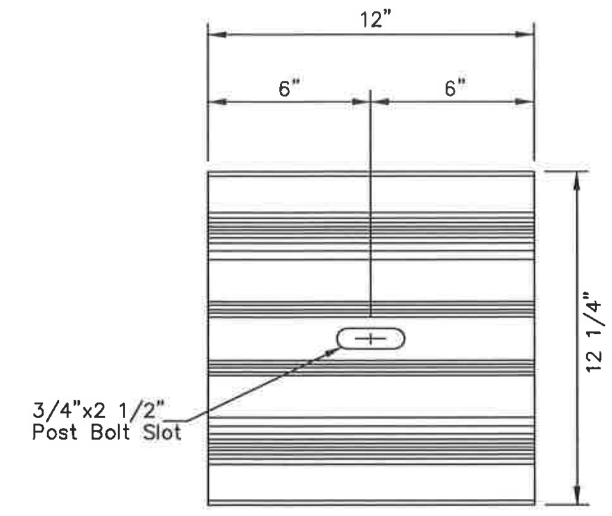
G-00.02	SHEET 2 of 4



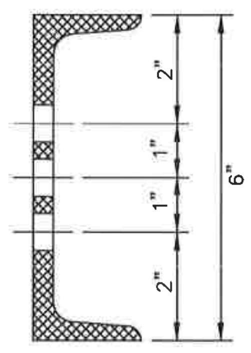
SECTION A–A



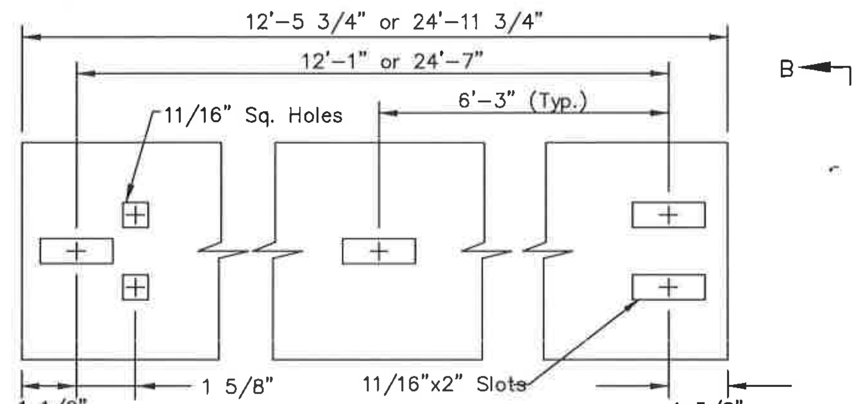
STANDARD W-BEAM PANEL



W-BEAM BACKUP PLATE

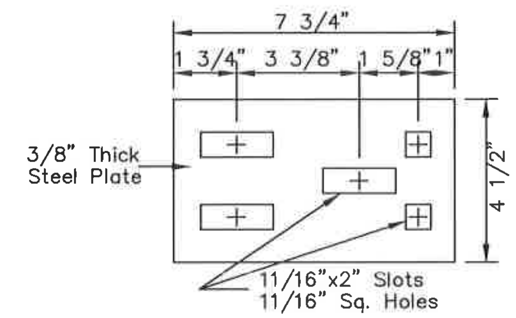


SECTION B–B



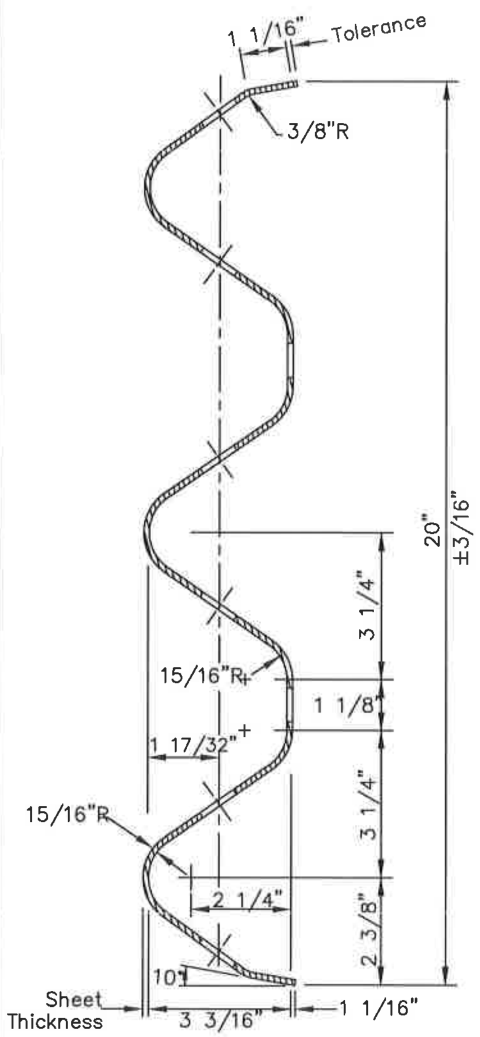
C6 x 8.2 RUB RAIL

ASTM A36 STEEL

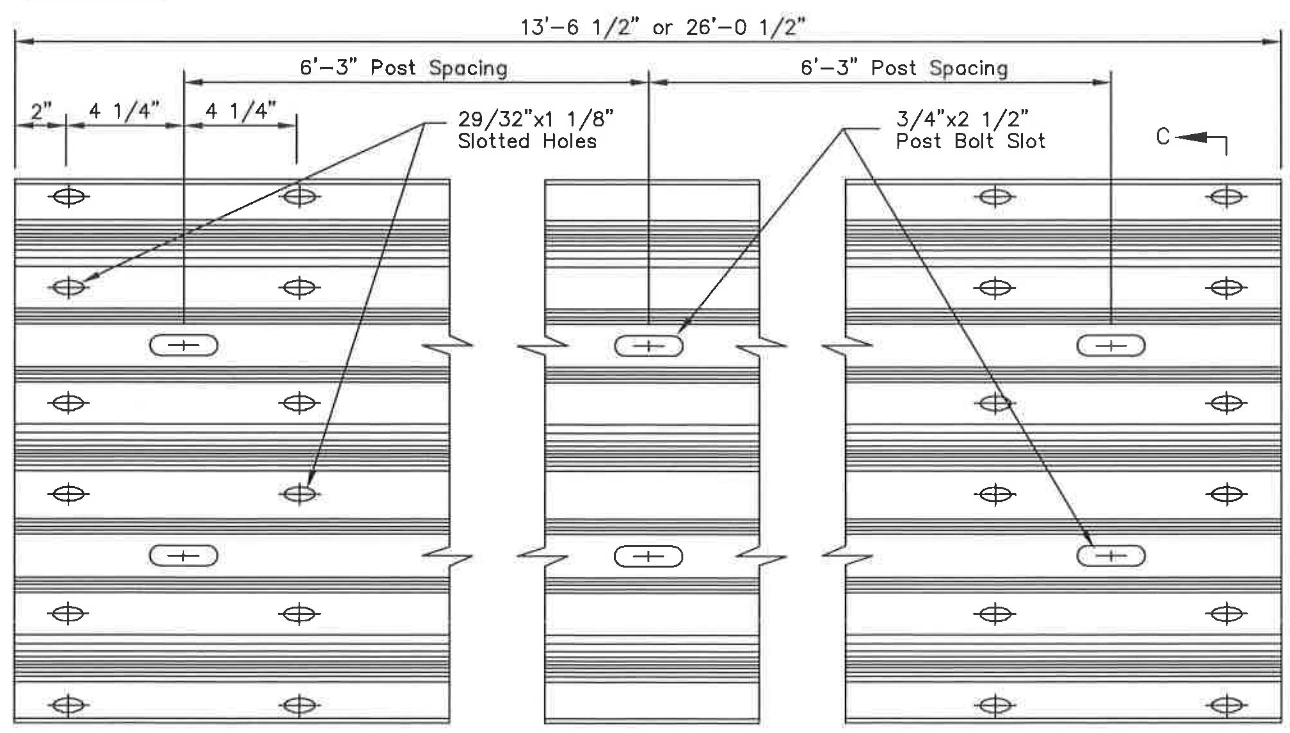


SPLICE PLATE

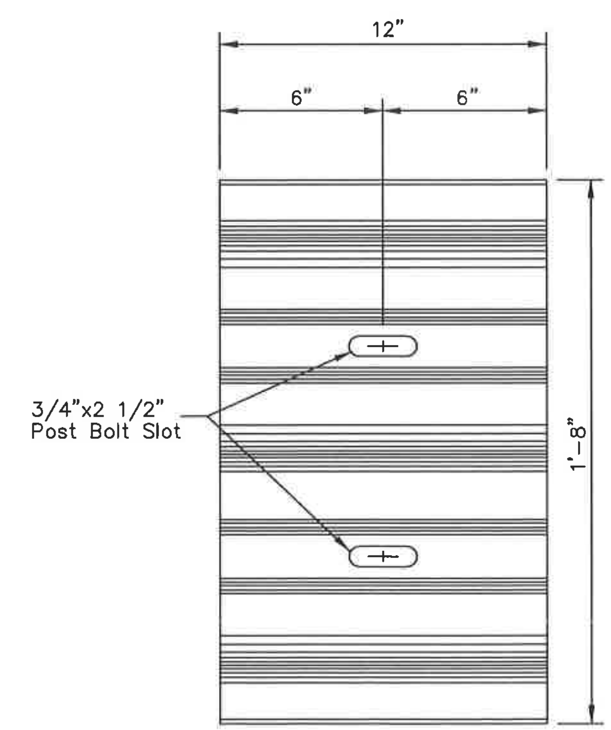
ASTM A36 STEEL



SECTION C–C



STANDARD THRIE BEAM PANEL



THRIE BEAM BACKUP PLATE

GENERAL NOTES:

1. Provide hardware compliant with the AASHTO/AGC/ARTBA "A Guide to Standardized Highway Barrier Hardware, latest edition.
2. Install back-up plates between blockouts and w-beam or thrie-beam rail at intermediate (non-splice) posts when steel blockouts are used but not with wood, rubber, plastic, or other approved blockouts.
3. Provide Thrie beam and W-beam compliant with AASHTO M180A. Use 12 gauge (0.105") thick steel for both.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. NB   12/11/15 Date

REVISIONS		
Date	Description	By
4/28/10	Revise General Notes	KJS

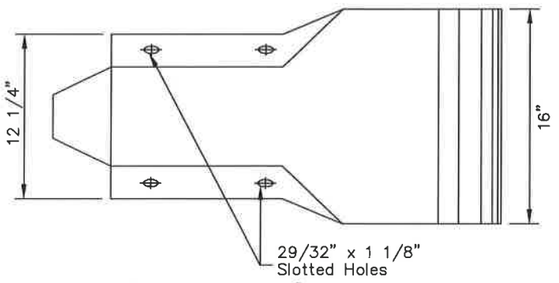
State of Alaska
Department of Transportation & Public Facilities

STANDARD GUARDRAIL HARDWARE (RAILS AND SPLICES)

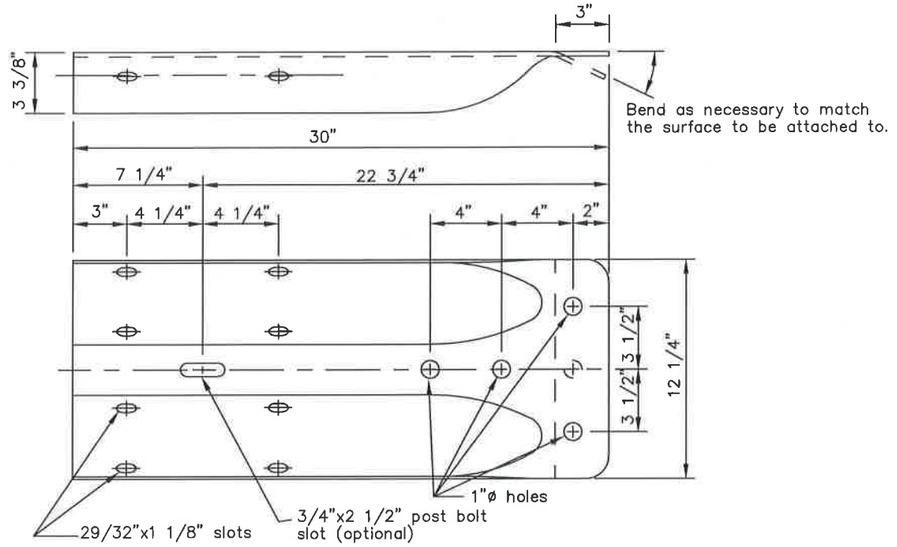
APPROVED

Date 5/31/12

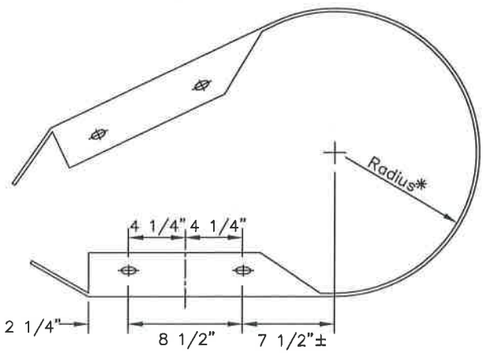
G-00.02



PROFILE



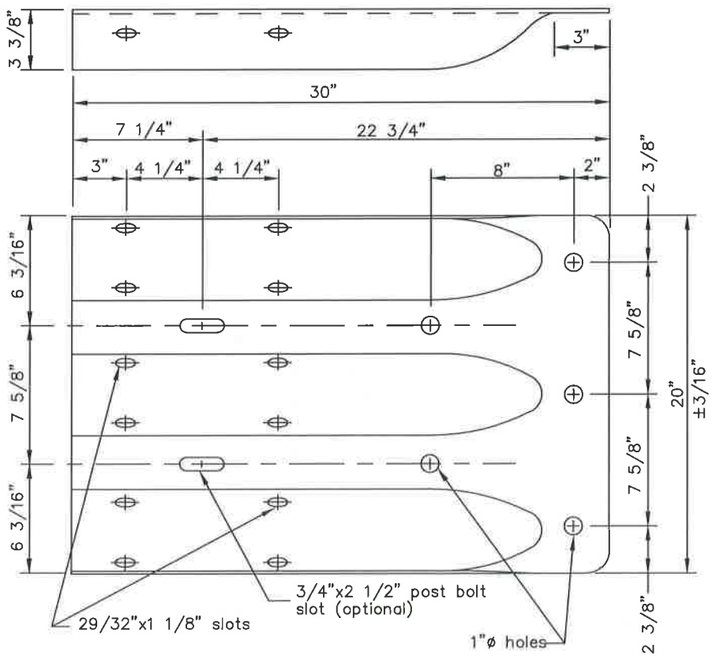
STANDARD W-BEAM TERMINAL CONNECTOR



W-BEAM PLAN VIEW

*Radius to be specified on the plans

STANDARD W-BEAM END SECTION



STANDARD THRIE BEAM TERMINAL CONNECTOR

GENERAL NOTES:

1. W-Beam and Thrie Beam Terminal Connectors shall conform to AASHTO M180, Class B, Type 2.
2. W-Beam end sections shall conform to AASHTO M180, Class A, Type 2.
3. All covered hardware shall comply with the AASHTO/AGC/ARTBA "A Guide to Standardized Highway Barrier Hardware", latest edition.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

REVISIONS		
Date	Description	By
3/15/99	Delete Thrie End Sect.	KJS

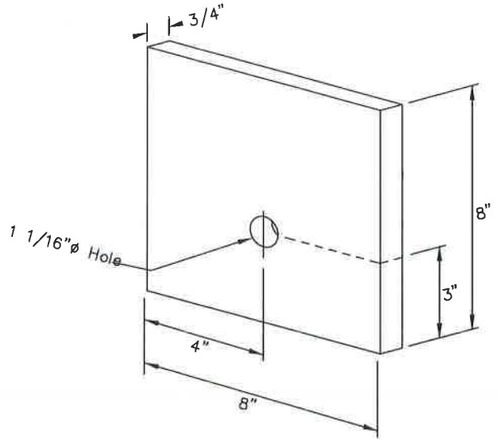
State of Alaska
Department of Transportation
& Public Facilities

STANDARD GUARDRAIL HARDWARE (TERMINAL CONNECTORS)

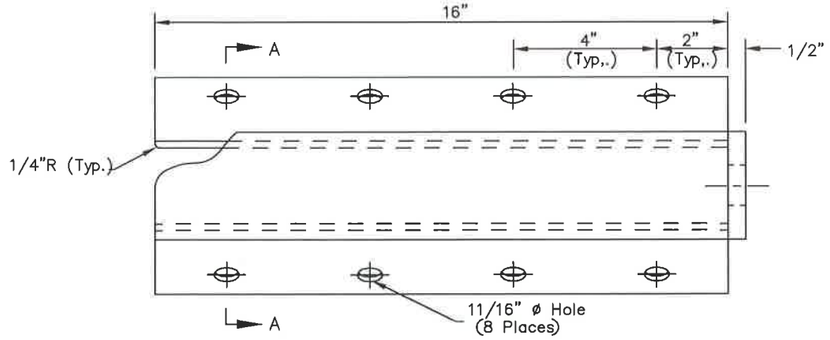
APPROVED Date 5/31/12

49TH STATE ENGINEER Kurt L. Smith CE-7347 4/28/10

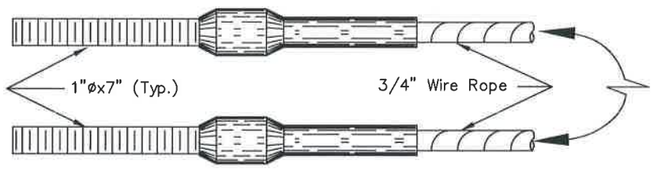
G-00.02



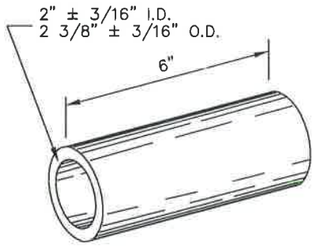
BEARING PLATE for CRT TERMINAL ANCHOR



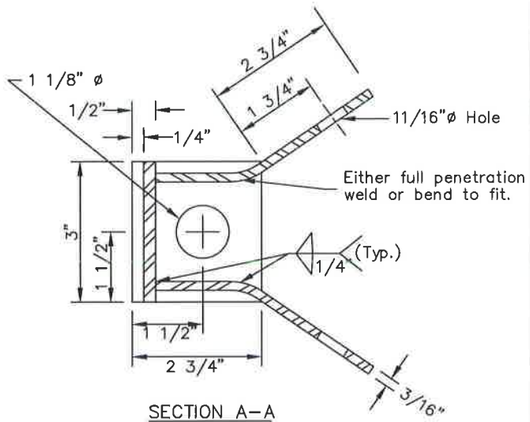
CABLE ANCHOR PLATE



SWAGED FITTING DETAIL



SLEEVE DETAIL



SECTION A–A

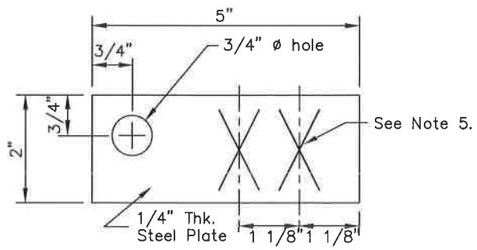
CONTROLLED RELEASE TERMINAL HARDWARE DETAILS

GENERAL NOTES:

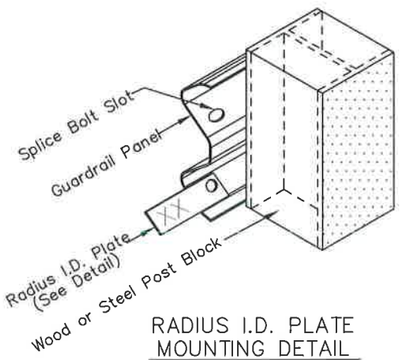
1. Cable Anchor Plate may be formed in single unit or welded fabrication.
2. Anchor Cable Assembly shall conform to AASHTO M–30 with Type II Wire Rope.
3. Sleeve for Wood Posts shall conform to the requirements of ASTM A120 and shall be of 2–inch galvanized standard pipe. Sleeve shall be a tight, pressed fit in post.
4. Bolts, nuts and washers shall conform to ASTM A–325 and galvanized in accordance with ASTM A–153.
5. Radius ID plates shall be attached to all shop–bent guardrail sections. They shall be bolted to the back side of the guardrail panel with the lower splice bolt nearest the P.C. of the radius.
6. Rail bend radius in feet shall be shown as "XX" on the radius ID plate. Digits shall be etched or stamped and have a min. height of 1 1/2" and a max. width of 3/4". The plate shall be galvanized after digits are marked.
7. All covered hardware shall comply with the AASHTO/AGC/ARTBA "A Guide to Standardized Highway Barrier Hardware", latest edition.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

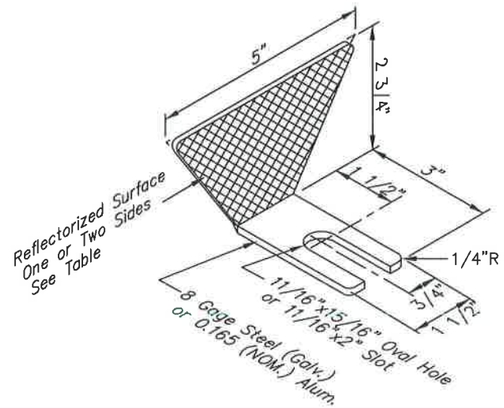
Proj. Eng. NB Date 12/11/15



RADIUS I.D. PLATE



RADIUS I.D. PLATE MOUNTING DETAIL



GUARDRAIL REFLECTOR

Type	Guardrail Reflectors Color	Reflectorized
A	White	Front & Rear
B	White	Front
C	Yellow	Front
D	Yellow	Front & Rear

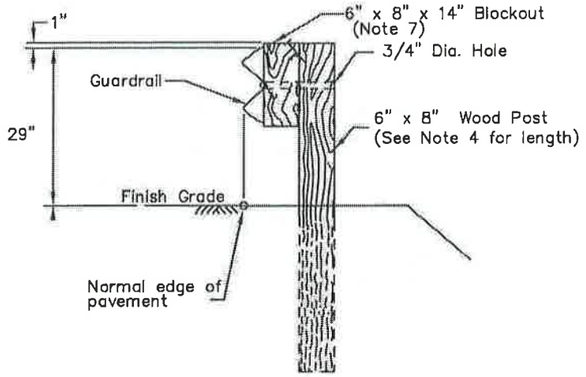
REVISIONS		
Date	Description	By
3/15/99	Delete BCT Hardware	KJS

State of Alaska
Department of Transportation & Public Facilities

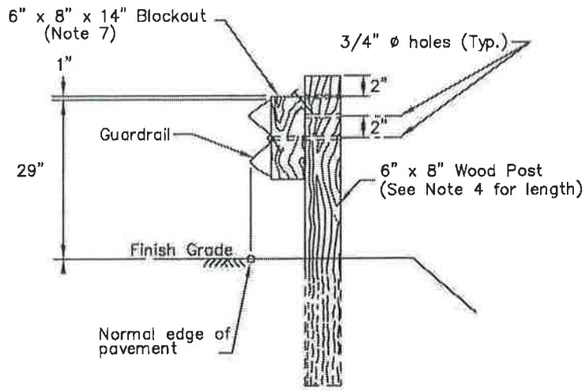
STANDARD GUARDRAIL HARDWARE (MISCELLANEOUS)

APPROVED Julia J. Smith 4/28/10 Date 5/31/12

G-00.02

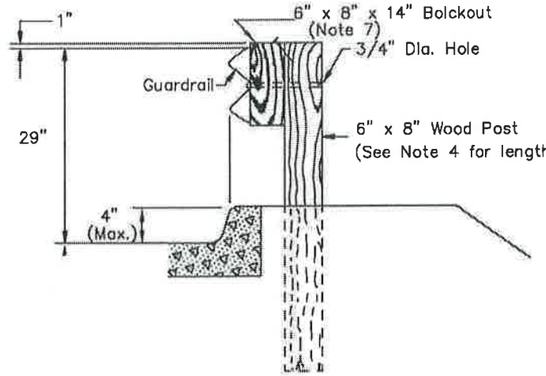


TYPE I POST INSTALLATION



TYPE II POST INSTALLATION

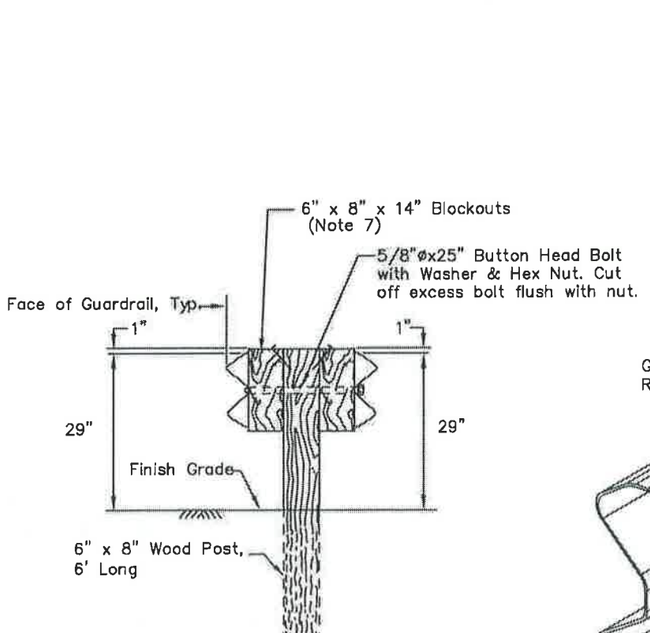
(Facilitates raising rail for future overlays.)



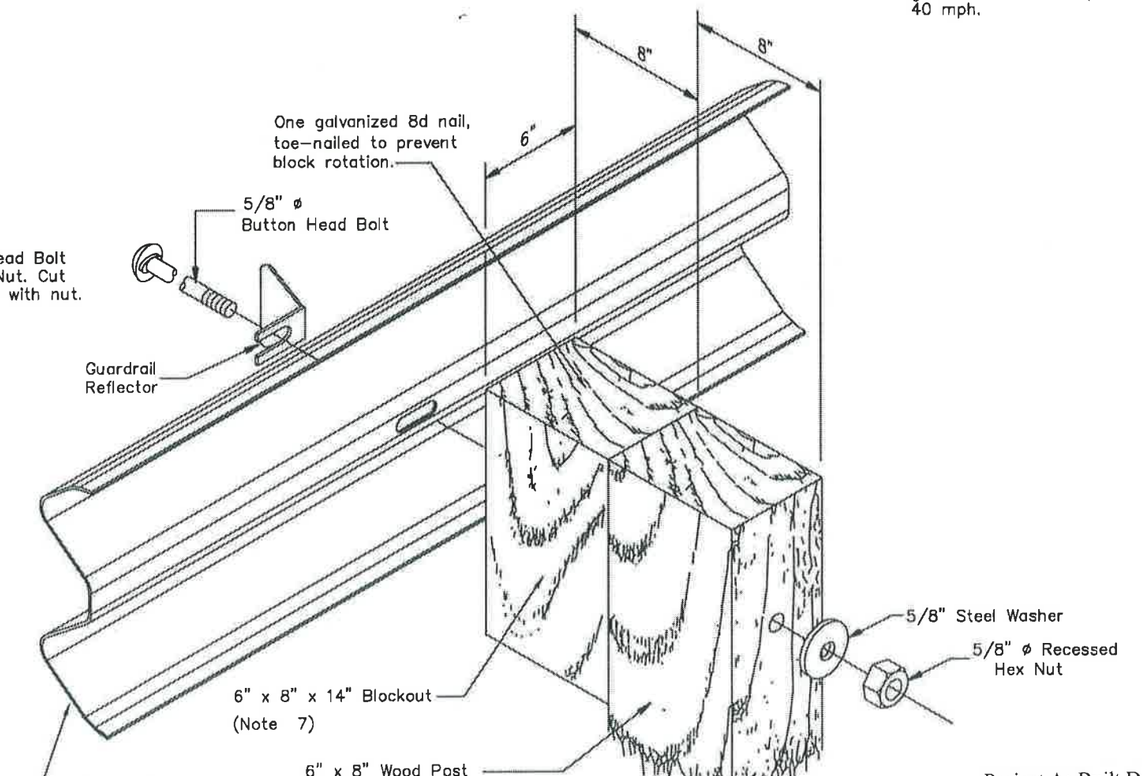
CURB DETAIL

TYPE III POST INSTALLATION

NOTE: Curb should not be installed with guardrail when the speed limit exceeds 40 mph.



TYPE IV DOUBLE SIDED INSTALLATION



ASSEMBLY DETAIL

(Type I post shown)

GENERAL NOTES:

1. Attach guardrail reflectors at 50' centers beginning with the first post. Use Type A reflectors unless specified otherwise.
2. Provide hardware compliant with the AASHTO/AGC/ARTBA "A Guide to Standardized Highway Barrier Hardware," latest edition.
3. See Standard Drawing G-00 for hardware details.
4. See Standard Drawing G-10 for post lengths corresponding to different combinations of slope and behind-post embankment width.
5. Typical post spacing is 6'-3" center to center.
6. This barrier is acceptable under NCHRP 350, TL-3.
7. Use wood, rubber, plastic, or other NCHRP 350 or MASH approved blockouts designed to be used with wood posts.
8. Use 25 linear foot transition to match height of existing or new rail elements and end treatments.

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/13

REVISIONS		
Date	Description	By
12/1/87	2'-0" behind post	Gdo
5/15/89	Ref S4S to rough sawn	Gdo
4/1/93	Hinge point note	Gdo
1/1/96	Del. hardware/ add type II	Gdo
3/15/99	Post length and misc	Gdo
4/1/13	Double-sided detail and increase g.r. height	JCJ

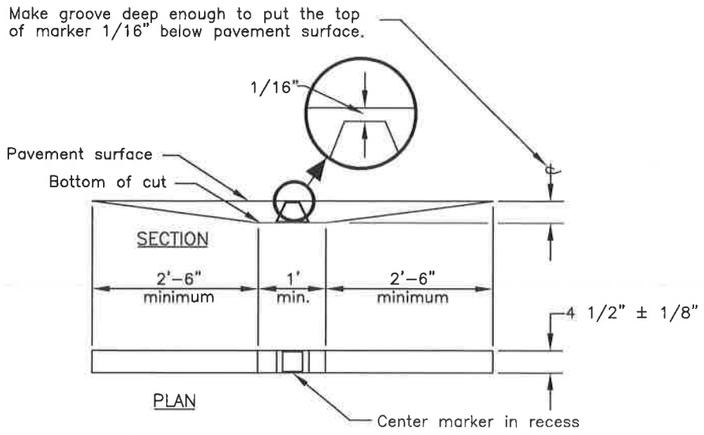
State of Alaska
Department of Transportation
& Public Facilities

WOOD POST
W-BEAM GUARDRAIL

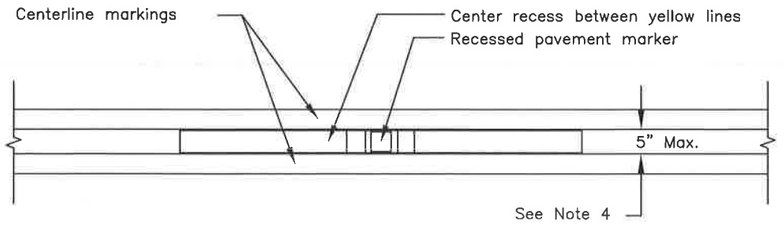
APPROVED

Date 05/15/13

G-04.10W



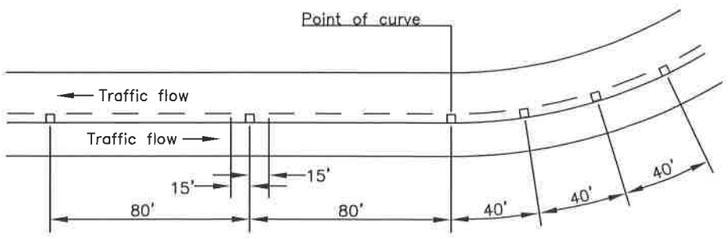
RECESSED PAVEMENT MARKER SLOT



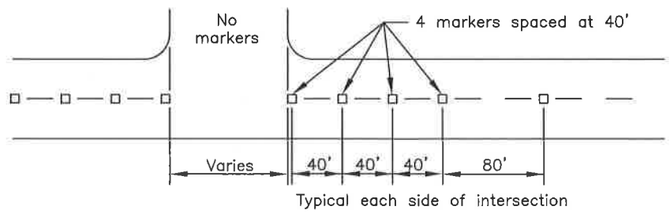
RECESSED PAVEMENT MARKERS WITH DOUBLE CENTERLINE INSTALLATION

GENERAL NOTES

1. Install recessed pavement markers spaced at 80' on tangent sections of roadway and on curves with a radius greater than 1,600'.
2. Install recessed pavement markers spaced at 40' on curves with a radius 1,600' or less.
3. Install recessed pavement markers between the lines on sections with double lines (either broken or solid.)
4. Increase the distance between yellow painted lines from the standard 3" up to a maximum of 5" to minimize paint overspray onto the marker.
5. Install recessed pavement markers on the centerline of the line, midpoint between stripe segments on sections with single broken lines.
6. Install reflectors of the same color as the pavement markings they supplement, except when red reflectors are specified on the departure side of markers on one–way roads to warn motorists they are going the wrong way.
7. Unless otherwise specified on one–way roads, reflectors are required only on the approaching traffic side of markers. In these cases, the 2'–6" taper may be omitted on the departure side.



RECESSED PAVEMENT MARKERS ON CURVES WITH A RADIUS LESS THAN 1,600'



RECESSED PAVEMENT MARKERS AT INTERSECTION APPRO

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/15

REVISIONS		
Date	Description	By

Sheet 1 of 1

State of Alaska
Department of Transportation
& Public Facilities

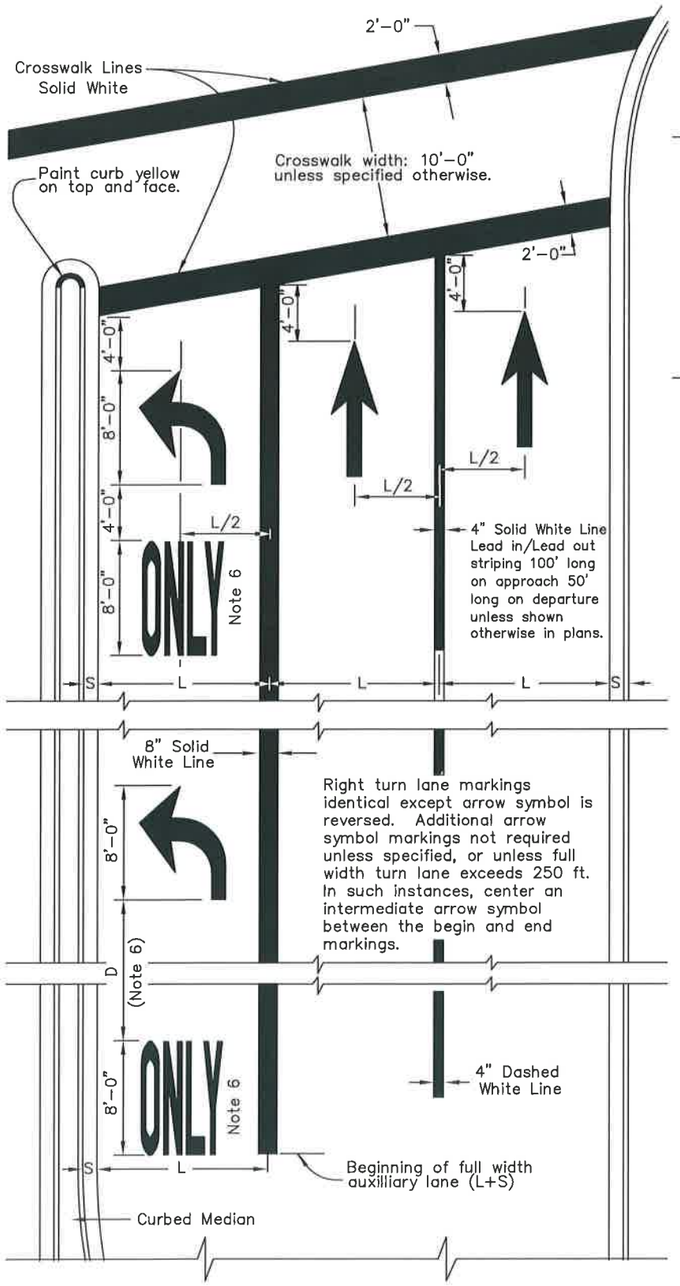
RECESSED PAVEMENT MARKERS

APPROVED

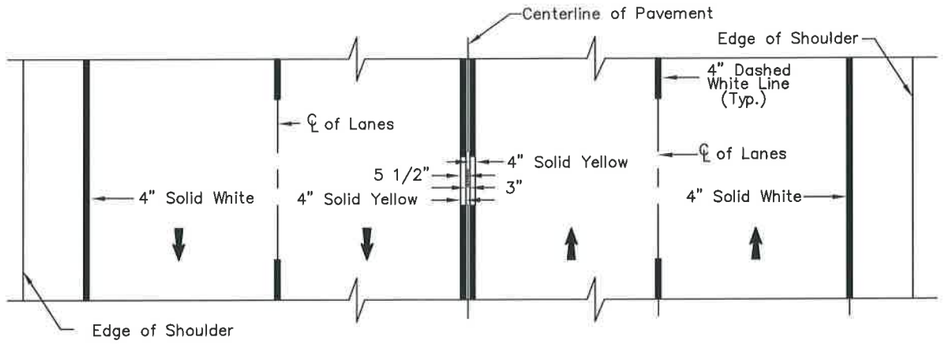
Date 3/28/03

T–06.00

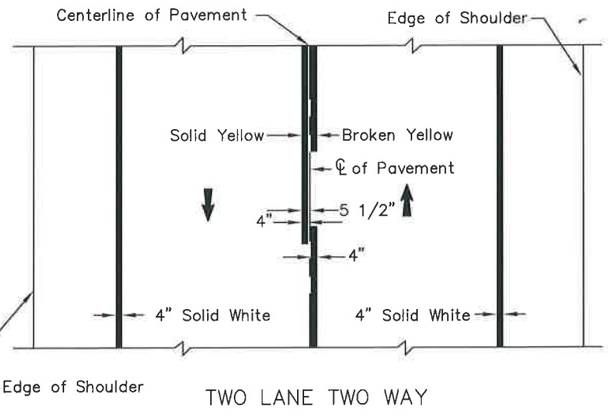
G–10.01



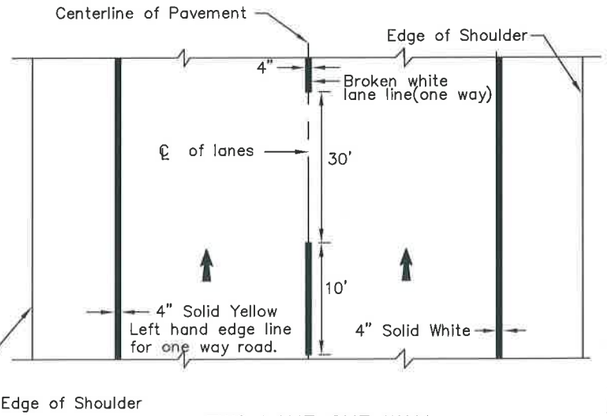
APPROACH TO INTERSECTION



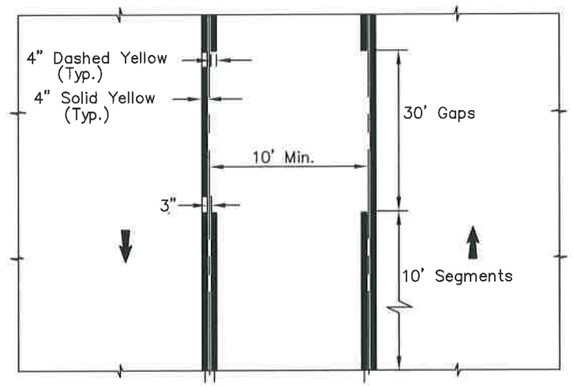
FOUR LANE TWO WAY



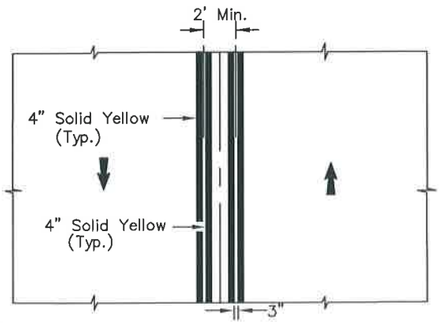
TWO LANE TWO WAY



TWO LANE ONE WAY



TWO-WAY LEFT TURN LANE



MEDIAN

GENERAL NOTES:

1. All markings white unless indicated otherwise.
2. Lengths of stripe and gap for lane and center lines identical.
3. Lane lines for auxiliary lanes are unbroken solid lines.
4. "L" = driving lane width.
5. "S" = shy distance as shown on plans, otherwise 1 to 2 feet.
6. ONLY markings are required where through lanes change to turn lanes. In other cases, apply ONLY markings as indicated on plans.
7. See ALASKA TRAFFIC MANUAL for additional instruction on the use of TRAFFIC CONTROL DEVICES.
8. 6. Adjust distance D between ONLY and Turn Arrow based on SPEED vs. D table.

SPEED	D
25 or less	35'
30	45'
35	50'
40	60'
45	65'
50	75'
55 or more	80'

REVISIONS		
Date	Description	By
1/1/86	Arrow Dimension	Gdo
1/1/96	Intersect. Note	Gdo
4/28/10	Details, labels, notes	KJS

State of Alaska
Department of Transportation & Public Facilities

PAVEMENT MARKING APPLICATIONS

APPROVED Date 5/31/12

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. MB Date 12/11/13

T-21.03