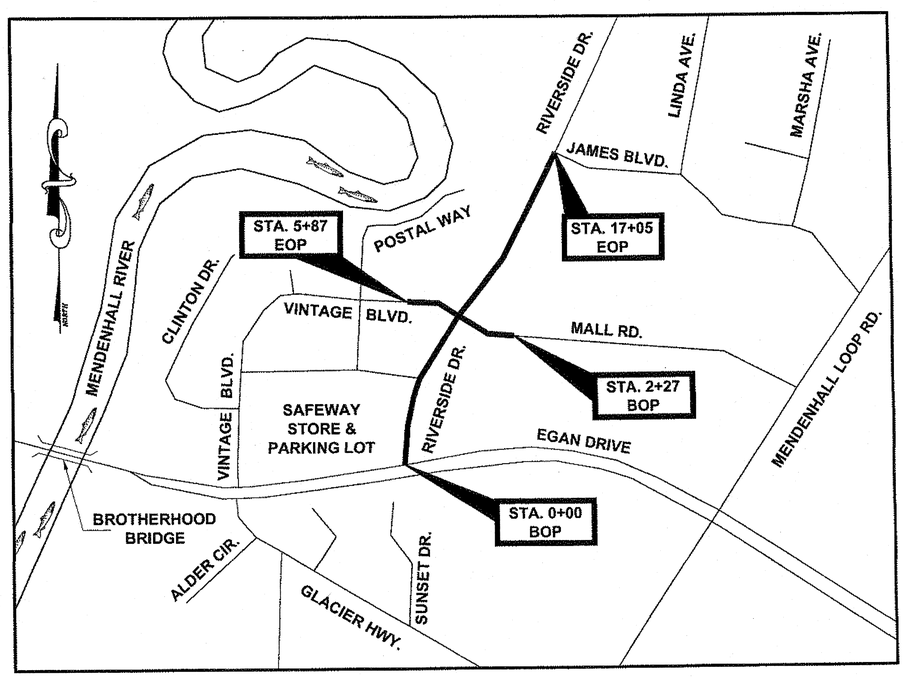
State of Alaska

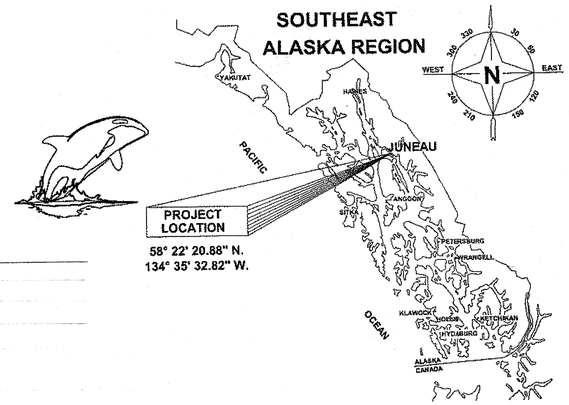
Department of Transportation and Public Facilities Southeast Region

JUNEAU, ALASKA
RIVERSIDE DRIVE

RIVERSIDE DRIVE RESURFACING & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT NO. STP-0967(7) ~ 69527



VICINITY MAP



As Built Plans

Contractor : SECON, Inc.

Project Eng : Steve Mielke

Begin Construction : April 14, 2014

End Construction : September 30, 2014

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION	=	URBAN COLLECTOR
PROJECT TYPE	=	1R (PREVENTATIVE MAINT.) & NEW CONSTRUCTION
A.D.T. 2008 (LAST YEAR WITH DATA)	=	10910
A.D.T. 2014 (YEAR AFTER CONSTRUCTION)	=	11240
A.D.T. 2024 (MID-LIFE YEAR)	=	11810
A.D.T. 2034 (FUTURE YEAR)	=	12420
D.H.V. 2034	=	1500
% T	=	10.6%
V	=	35 MPH
E.A.L.	=	2,800,000
DESIGN VEHICLE FOR TURNING	=	WB-50

PROJECT SUMMARY

LENGTH OF PROJECT	=	.30 MILES
LENGTH OF RESURFACING	=	.30 MILES
WIDTH OF RESURFACING	=	37' TO 100' FT

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	D-01.02	I-20.14	S-00.11	T-06.00
C-03.10	D-04.21	I-21.02	S-01.00	T-20.03
C-04.12		M-13.01	S-05.01	T-21.03
C-05.20		M-16.01	S-30.03	T-23.00
				T-22.03

THE FOLLOWING STANDARD CBJ DRAWINGS APPLY TO THIS PROJECT:

12.6	
303	403
304B	405
308	407
309	414B

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

PE Steve Mielke Date 1/5/16

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SURVEY CONTROL PLAN
B1-B2	TYPICAL SECTIONS
C1-C3	ESTIMATE OF QUANTITIES
D1	SIGN SUMMARIES
F1-F5	PLAN SHEETS
G1-G6	GRADING PLANS
J1-J9	MISC DETAILS
P1-P4	EROSION AND SEDIMENT PLANS
P5	EROSION AND SEDIMENT DETAILS
R1-R4	SIGNING & STRIPING PLANS
S1-S2	TRAFFIC CONTROL PLANS
1	TEMPORARY CONSTRUCTION PERMIT

CDS MILEPOINT	CDS ROUTE #	START	END
	296500	0.000	0.296

PATH: Q:\JNU\69527\PLANSET\69527_A1_TITLE SHT.DWG TAB:A1

Tuesday, September 03, 2013 2:11:49 PM

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

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

9/5/13

APPROVED: FOR 9/11/13

REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
CHUCK CORREA, P.E.

APPROVED: 10/23/13

for DIRECTOR, SOUTHEAST REGION — DATE
ALBERT H. CLOUGH, CPG

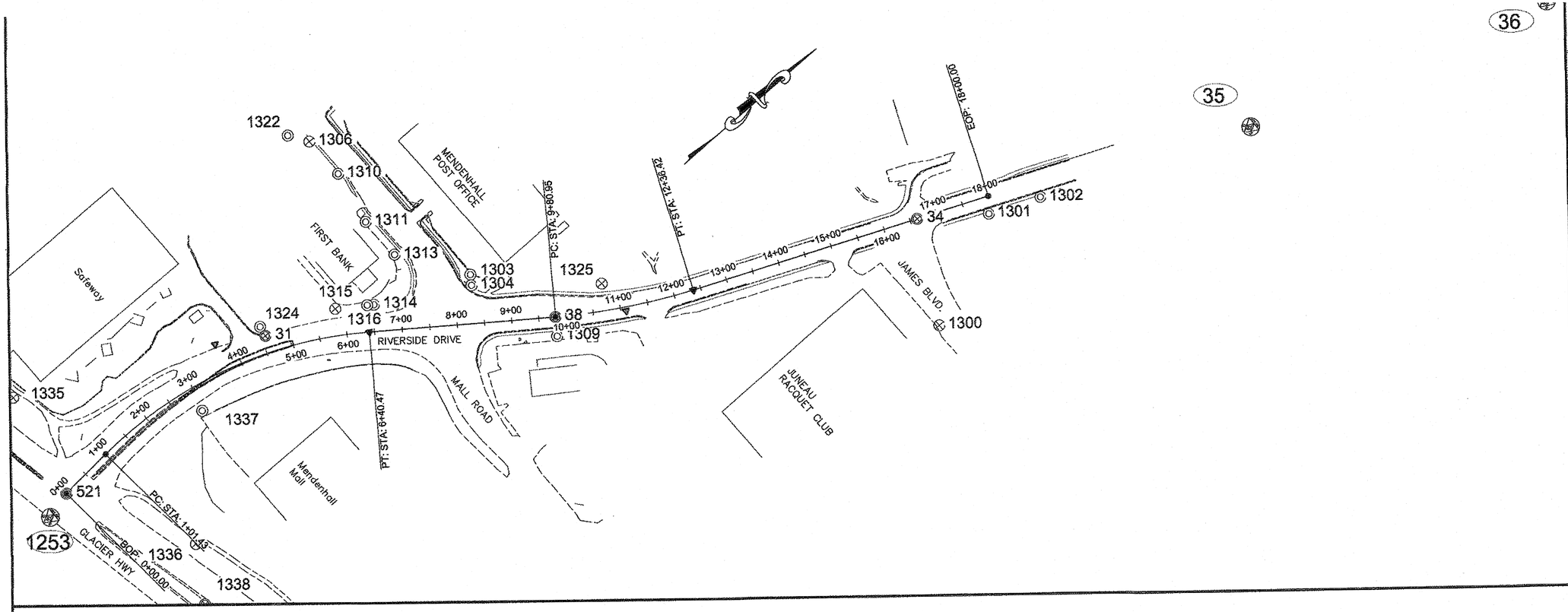
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION: JAN/11/2016

CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0967(7) ~ 69527	2013	A1	40

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

PE Steve Mielke Date 1/5/16



DWGS\BASEMAP\A2_RIVSIDE.DWG

IGNOTOV, DANIEL M (DOT)
TAB: A2 Wednesday, September 04, 2013

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

HORIZONTAL CONTROL

Horizontal Control for this project is based on the DOT/PF 2000 Juneau Grid

The DOT/PF Juneau Grid-2000 System is a local ground coordinate system based at USC&GS first order control station EDDIE. It relates to AKSPC zone 1 NAD83 (1992) through the following parameters:
Zone = NAD83 (1992) AKSPC ZONE 1
Grid Scale = 0.999928875
Convergence = -0°45'27.26"
Translation about USC&GS point EDDIE as follows:
AKSPC Northing = 2383469.17310 FT US
AKSPC Easting = 2512570.06318 FT US
Local Northing = 500000.0000 FT US
Local Easting = 500000.0000 FT US

Project Specific Horizontal Control

35: Survey Spike set 3.13 feet from top back of curb on the east side of Riverside Drive across from the entrance to Riverbend Elementary School.
JNU-Grid N 507233.33 FT US, E 496239.76 FT US
AKSPC ZONE1 N 2390751.0696 FT US , E 2508906.0531 FT US

36 : Survey Spike w\ washer set by JW Bean LS #3650. N40W 14.20 feet from face of traffic signal on north east corner Riverwood and Riverside Drive.
JNU-Grid N 507791.87 FT US, E 496423.99 FT US
AKSPC ZONE1 N 2391307.0859 FT US, E 2509097.6349 FT US

VERTICAL CONTROL

The Vertical Datum for JNU Grid-2000 is MLLW Gastineau Channel tidal datum based on third order differential levels and supplemented with GEOID '99 modeled orthometric heights. The tidal epoch is 1960-1978, but this epoch has been updated with a 5 year observation period from Jan '94 to Dec '98 published Nov '99. The latest NOS publication (10-2011) on the 1983-2001 tidal epoch indicates the datum has risen 0.32'.

The Project Specific Basis of Vertical Control is point #517 "TBM Brother". Which is a 3.5" brass cap located in the north east abutment of Brotherhood Bridge. TBM-Brother has an observed elevation of 39.41 feet above MLLW.

A2 PROPERTY TABLE

Point #	Northing	Easting	Elevation	Description	Station	Offset
31	505624.00	495353.73	33.75	SH_MON_BC2.5"_DOT	N\A	N\A
34	506660.81	495965.58	29.36	CL_MON_BC2.5"_DOH	16+63.04	0.00R
38	506047.07	495671.36	29.99	CL_MON_BC2.5"	9+80.95	0.00R
521	505162.57	495335.57	31.10	CL_MON_DOT/PF	0+00.00	0.00R
1300	506564.57	496138.57	29.29	BC3"_M6A-SUB/ROW	16+42.80	196.92R
1301	506766.04	496044.29	29.68	PLASCAP_1410S	17+90.78	30.85R
1302	506858.21	496083.92	29.55	REBAR	N\A	N\A
1303	505979.22	495511.14	29.23	ALSEC2"_TR-M1-3_USS381/ROW	8+31.82	89.65L
1304	505967.68	495527.00	29.37	ALSEC2"_TR-M1-3_USS381/ROW	8+31.82	70.03L
1306	505916.18	495138.48	28.63	ALPRIM3.25"_R&M_7570	5+86.87	356.73L
1309	506026.59	495699.89	29.50	PLASCAP_1410S	9+80.98	35.12R
1310	505917.17	495216.30	28.42	REBAR@SPINHOLE	6+17.29	292.07L
1311	505897.79	495314.58	28.69	PLASCAP_1410S	6+50.34	200.68L
1313	505898.55	495393.93	28.55	REBAR	6+97.63	136.97L
1314	505810.75	495438.69	27.03	PLASCAP_JOHNSON_7570S	6+52.97	49.12L
1315	505800.71	495431.37	27.22	PLASCAP_JOHNSON_7570S	6+40.54	49.13L
1316	505752.67	495398.97	27.18	ALPRIM3.25"_R&M_7570	5+86.12	49.18L
1322	505893.20	495104.37	27.60	SURVSPIKE/WASH_POOR-COND	5+61.66	374.12L
1324	505827.38	495334.83	30.75	PLASCAP_MENZIES_1410S	4+53.75	49.58L
1325	506150.60	495680.29	27.60	ALPRIM3.25"_USS1284/ROW	10+74.16	49.75L
1335	505202.62	495141.42	26.84	ALPRIM3.25"_USS119/USS381-SS	0+55.06	190.44L
1336	505280.30	495557.10	29.29	BC3"_IP_381/381/ROW	1+00.12	230.03R
1337	505447.48	495381.46	28.68	PLASCAP_KEOPPLE_4382S	2+93.80	45.27R
1338	505221.69	495650.85	30.75	CL_MON_BC2.5"_DOH	0+34.39	318.94R

A2 CONTROL TABLE

Point #	Northing	Easting	Elevation	Description	Station	Offset
35	507233.33	496239.76	30.07	GPS_SURVSPIKE	N\A	N\A
36	507791.87	496423.99	28.64	GPS_SURVSPIKE	N\A	N\A
517	505161.17	493931.93	39.41	GPS_BC_BM_BROTHER	N\A	N\A
1253	505111.99	495349.11	30.34	CL_MON_BC2.5"	N\A	N\A

ALL MONUMENTS IN THE CONTROL TABLE ARE PROVIDED STRICTLY FOR SURVEY CONTROL. SHOULD ANY OF THEM BE DESTROYED DURING CONSTRUCTION THEY SHALL NOT BE REPLACED.

ALL MONUMENTS IN THE PROPERTY TABLE SHALL BE PRESERVED OR REFERENCED PRIOR TO DISTURBANCE AND REPLACED AT THEIR ORIGINAL HORIZONTAL POSITION.

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.

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

PE _____ Date 1/5/16

CHECKED BY: D.IGNOTOV

STATE OF ALASKA
Daniel M. Ignotov
No. 11296
REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: J.PAPOI

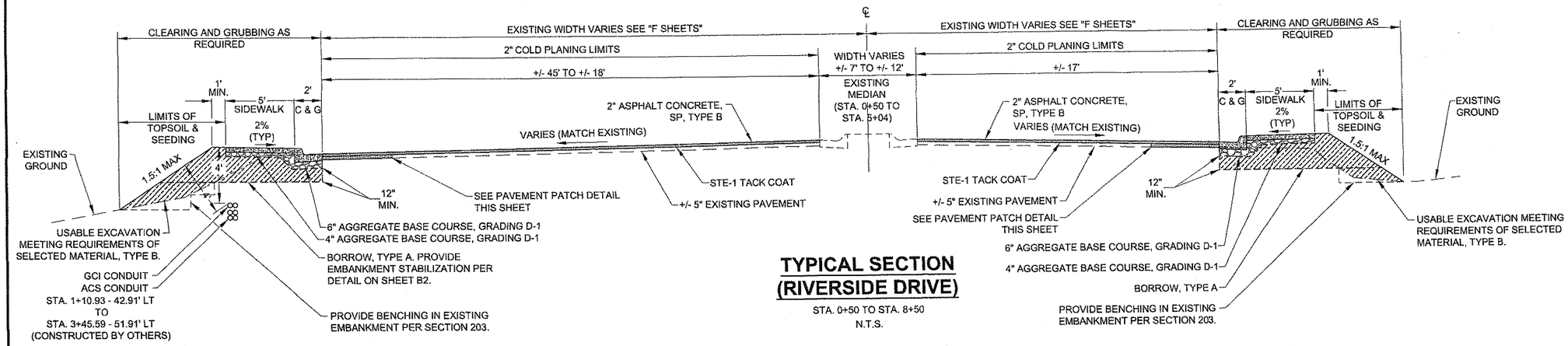
DRAWN BY: J.PAPOI

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT # 69527

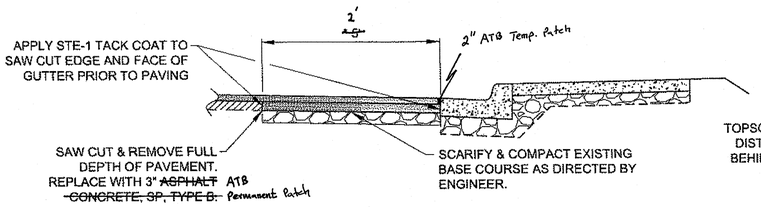
SURVEY CONTROL

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
A2	40



TYPICAL SECTION (RIVERSIDE DRIVE)

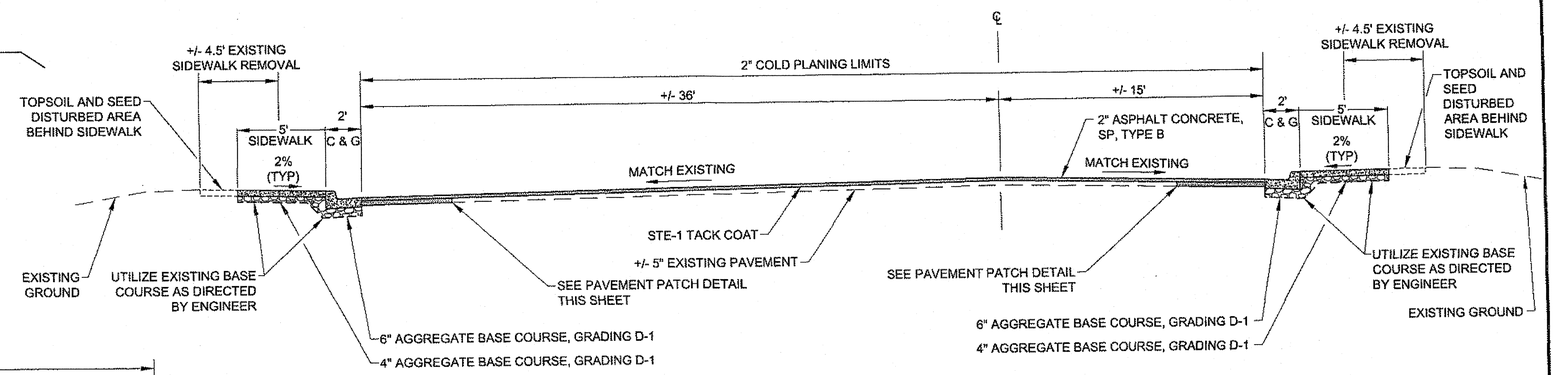
STA. 0+50 TO STA. 8+50
N.T.S.



TYPICAL PAVEMENT PATCH DETAIL

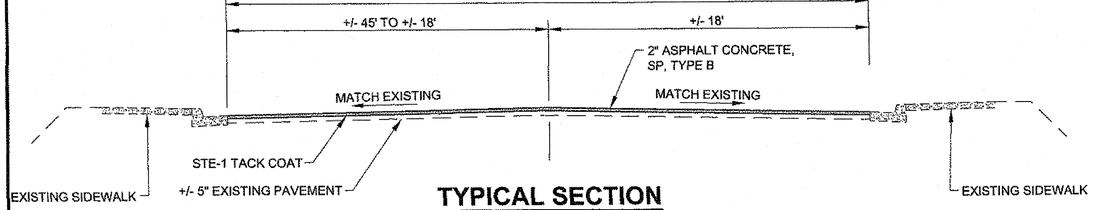
N.T.S.

* ENGINEER MAY REQUEST ADDITIONAL PAVEMENT REMOVAL TO CREATE A SMOOTH TRANSITION FROM EXISTING PAVEMENT TO NEW LIP OF GUTTER.



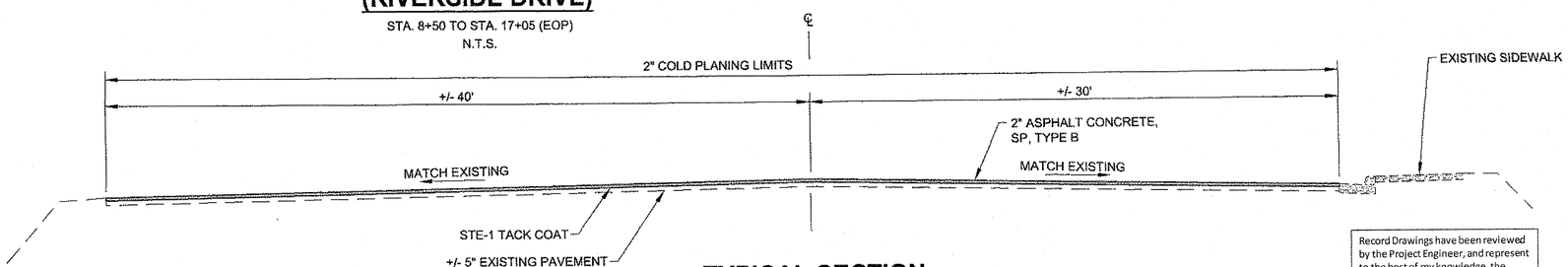
TYPICAL SECTION (VINTAGE BLVD.)

STA. 3+90 TO STA. 5+80 (LT)
STA. 3+95 TO STA. 4+90 (RT)
N.T.S.



TYPICAL SECTION (RIVERSIDE DRIVE)

STA. 8+50 TO STA. 17+05 (EOP)
N.T.S.



TYPICAL SECTION (MALL ROAD)

STA. 2+27 (BOP/ROW) TO STA. 3+14
N.T.S.

TYPICAL SECTION NOTES:

1. SHOULDER EXCAVATION IS ANTICIPATED TO BE A DEPTH OF 24". THE ENGINEER MAY INCREASE OR DECREASE THE DEPTH OF EXCAVATION TO A SUITABLE FOUNDATION MATERIAL.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Steven Smith Date 1/5/16

CHECKED BY: K. KARPSTEIN
STATE OF ALASKA · 49th · KLEPH D. KARPSTEIN · CE-12984 · REGISTERED PROFESSIONAL ENGINEER
10/23/13
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_B1-2_TYPS.DWG
TAB: B1 Tuesday, October 22, 2013 8:10:55 AM GRANTHAM, RICK L (DOT)

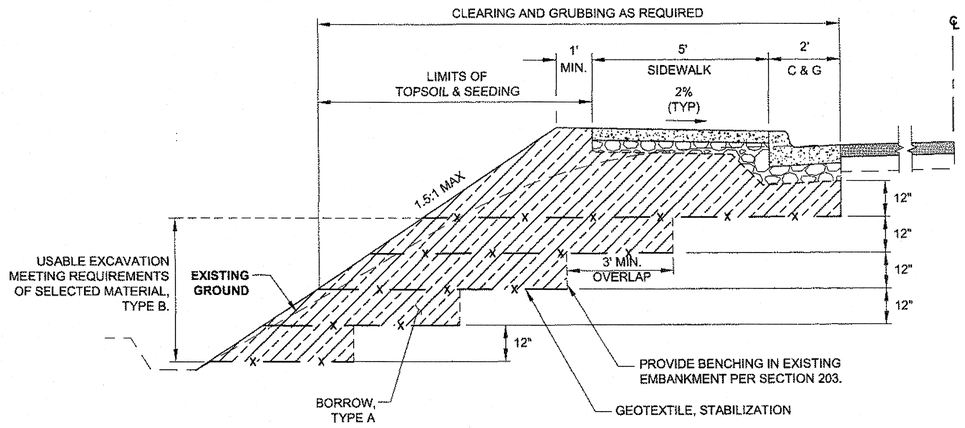
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
RESURFACING & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

TYPICAL SECTIONS

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	B1	40

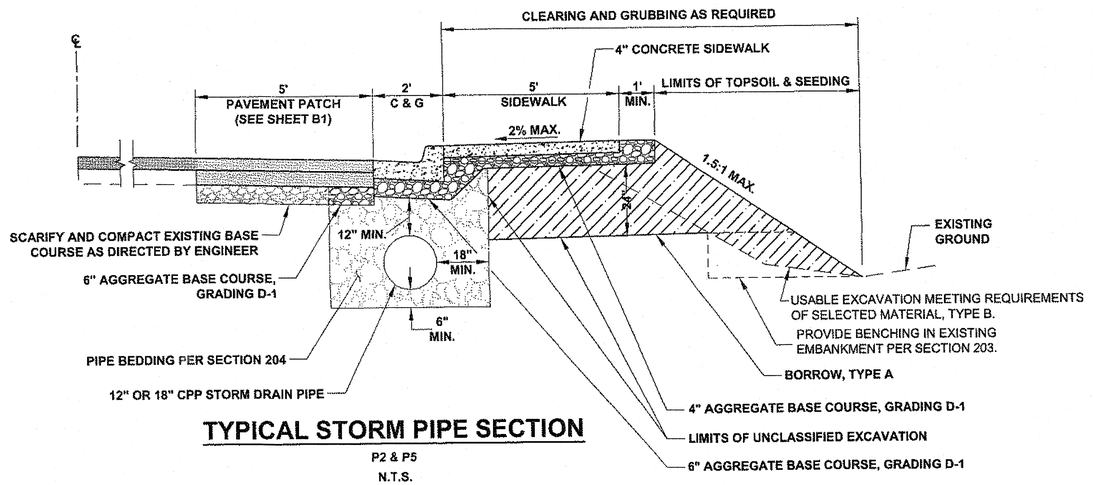
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE Steven Smith Date 1/5/16



EMBANKMENT STABILIZATION DETAIL (RIVERSIDE DRIVE)

STA. 4+75 (LT) TO STA. 6+50 (LT)

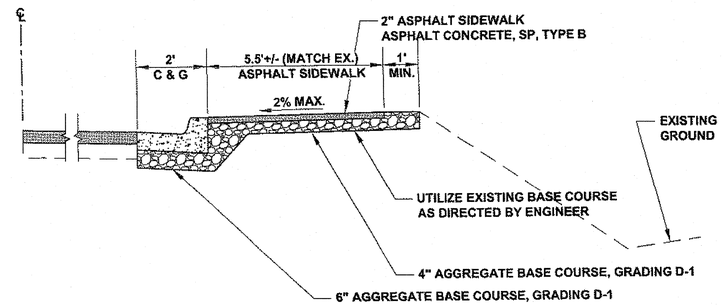
N.T.S.



TYPICAL STORM PIPE SECTION

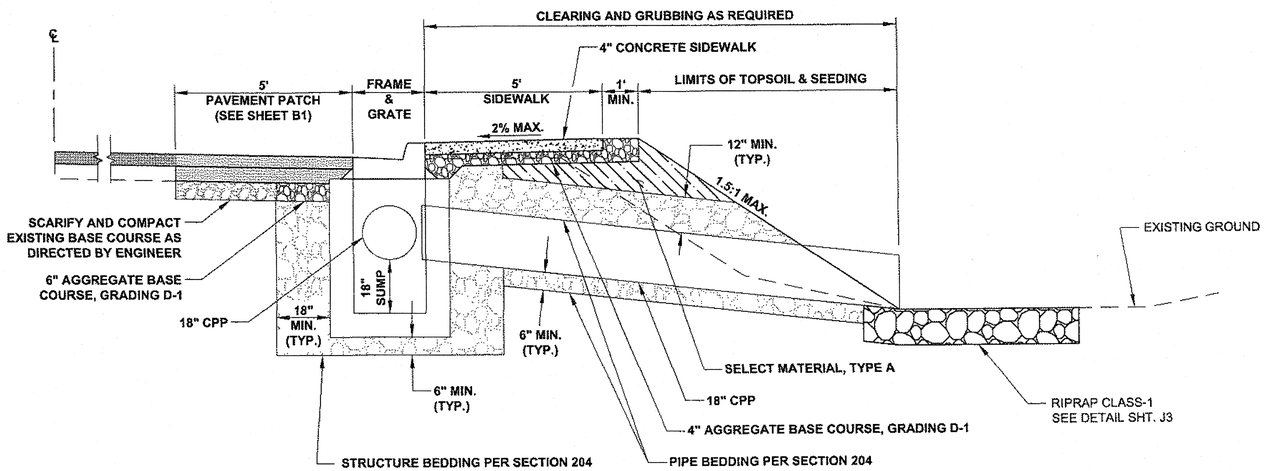
P2 & P5

N.T.S.



TYPICAL ASPHALT SIDEWALK SECTION

N.T.S.



TYPICAL STORM DRAIN SECTION & OUTLET

S-1, P-1 & S-4, P-4

N.T.S.

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

PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
10/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\69527\PLANSET\69527_B1-2_TYPS.DWG

TAB: B2 Tuesday, October 22, 2013 8:17:15 AM GRANTHAM, RICK L (DOT)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE RESURFACING & SIDEWALK CONSTRUCTION EGAN DRIVE TO JAMES BLVD. PROJECT #69527

TYPICAL SECTIONS

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0967(7)~69527	2013	B2	40

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

PE _____ Date 1/5/16

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201 (3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED ✓
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~2050~~ 1497.00
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	~~220~~ 243.76
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	~~15~~ 16.00
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	~~949~~ 1069.00
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	~~835~~ 625.30
203 (6-A)	BORROW, TYPE A	TON	~~1567~~ 1403.24
203 (19)	CONTROL OF INVASIVE SPECIES	LUMP SUM	ALL REQUIRED ✓
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	~~385~~ 506.67
~~401 (1)~~	~~ASPHALT CONCRETE, SP, TYPE B~~	~~TON~~	~~1650~~ -0- C.O. 3
401 (2)	ASPHALT CEMENT, GRADE PG 64-28	TON	~~93~~ 109.25
401 (3)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED ✓
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	~~6~~ 4.28
408 (1)	PAVEMENT COLD PLANING	SQUARE YARD	~~13145~~ 13,347.00
603 (21-12)	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~23~~ 130.00
603 (21-18)	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~154~~ 157.00
603 (21-24)	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~42~~ 13.00
604 (1)	STORM SEWER MANHOLE	EACH	~~2~~ 1.00
604 (4)	ADJUST EXISTING MANHOLE	EACH	~~2~~ 1.00
604 (5)	INLET, TYPE IV	EACH	~~4~~ 6.00
604 (8)	ADJUST EXISTING FRAME AND GRATE	EACH	1 ✓
604 (9)	REPLACE EXISTING FRAME AND HOOD	EACH	3 ✓
608 (1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	~~846~~ 1028.68
608 (3)	ASPHALT SIDEWALK	SQUARE YARD	~~134~~ 211.51
608 (6)	CURB RAMP	EACH	~~13~~ 11.00
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	~~1925~~ 2171.00
611(1)	RIPRAP, CLASS I	CUBIC YARD	~~3~~ 2.00
615 (1)	STANDARD SIGN	SQUARE FOOT	~~217~~ 216.75
615 (5)	DELINEATOR, FLEXIBLE	EACH	~~12~~ 18.00
615 (7)	SIGNAL BASE POST TYPE 'A'	EACH	1 ✓
618 (2)	SEEDING	POUND	~~20~~ 25.00
620 (1)	TOPSOIL	SQUARE YARD	~~1000~~ 1074.00
~~627 (6)~~	~~FIRE HYDRANT RELOCATION~~	~~EACH~~	~~4~~ -0- C.O. 2
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	12 ✓
628 (1)	PEDESTRIAN REFUGE ISLANDS	LUMP SUM	ALL REQUIRED ✓
630 (2)	GEOTEXTILE, STABILIZATION	SQUARE YARD	~~720~~ 507.00
639 (3)	APPROACH	EACH	4 ✓
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED ✓
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED ✓
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED ✓
641 (5)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED ✓
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED ✓
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED ✓
642 (3)	THREE PERSON SURVEY PARTY	HOUR	~~40~~ -0-
642 (9)	REFERENCE EXISTING MONUMENT	EACH	5 ✓
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	5 ✓
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED ✓
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED ✓
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED ✓
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED ✓
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED ✓
644 (6)	VEHICLES	EACH	2 ✓
646 (1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED ✓
660 (14)	ADJUST EXISTING JUNCTION BOX	EACH	~~2~~ 3.00
670 (8)	RECESSED PAVEMENT MARKER	EACH	~~25~~ 38.00
670 (10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED ✓

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
201 (3B)	CLEARING AND GRUBBING	0.4 ACRES
203 (6A)	BORROW, TYPE A	1.7 TONS/CY COMPACTED IN PLACE
203 (19)	CONTROL OF INVASIVE SPECIES	0.4 ACRES
301 (1)	AGGREGATE BASE COURSE GRADING D-1	1.96 TON/CY
401 (1)	ASPHALT CONCRETE	118 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6% OF ITEM 401 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)
618 (2)	SEEDING	0.2 ACRES, 50 LB/ACRE
628 (1)	PEDESTRIAN REFUGE ISLANDS	4 EACH PER DETAIL SHEETS J6-J8
		222 LF CURB AND GUTTER, 58 SY CONCRETE SIDEWALK, 4 INCHES THICK, AND 178 SF TRUNCATED DOMES

EARTHWORK SUMMARY

835 CY UNCLASSIFIED EXCAVATION
82 CY USABLE FOR SELECTED MATERIAL, TYPE B EMBANKMENT
753 CY EXPORT (MAY BE USED IN-PLACE OF BORROW, TYPE A IF IT MEETS THE REQUIREMENTS OF SELECTED MATERIAL, TYPE A)

POINTS OF CONTACT

ELECTRIC	ALASKA ELECTRIC LIGHT & POWER CO. (AEL&P)	DARRELL WETHERALL	463-6316
TELEPHONE	ALASKA COMMUNICATION SYSTEMS (ACS)	MONTY WILLIAMS	463-8987
SEWER	CITY AND BOROUGH OF JUNEAU	TONY STOINICH	790-2525
WATER	CITY AND BOROUGH OF JUNEAU	DAVE CRABTREE	780-6888
CABLE	GENERAL COMMUNICATIONS INC. (GCI)	RANDY LAIRD	230-1182

New Items Established By Change Order

Item No.	Item		Unit	Quantity
306(1)	Asphalt Treated Base Course	C.O. 1	Ton	241.48
401(1A)	Modified Asphalt Concrete Pavement	C.O. 3	Ton	1730.49
608(7)	Modified Curb Ramp	C.O. 3	Each	2.00
627(6A)	Modified Fire Hydrant Relocation	C.O. 2	L.S.	All Req'd.
660(15)	Highway Lighting Conduit & Conductor	C.O. 4	L.S.	All Req'd.
660(16)	Adjust Existing Junction Box, Type II	C.O. 4	L.S.	All Req'd.
670(11)	Additional Traffic Symbols & Paint	C.O. 4	L.S.	All Req'd.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

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

10/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\69527\PLANSET\69527_C1-3_SUM.DWG

TAB: C1 Wednesday, October 23, 2013 8:36:33 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SUMMARIES

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0967(7)~69527	2013	C1	40

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

PE Steve Miller Date 1/5/16

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

PE Steve Miller Date 1/5/16

202(2) REMOVAL OF PAVEMENT

OFFSET	STATION FROM	STATION TO	AREA (SY)	REMARKS
RIVERSIDE DRIVE ALIGNMENT				
LT	0+26	4+08	520	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES PATH REMOVAL)
RT	0+55	7+36	680	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES PATH REMOVAL)
LT	4+28	7+31	278	5' OFFSET FROM NEW LIP OF GUTTER
LT	8+18	8+41	32	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
RT	8+26	8+39	28	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
LT	8+40	8+52	7	AC PATCH
LT	8+46	8+62	4	AC PATCH
LT	~~10+62~~ 10+52	~~10+86~~ 10+73	~~16~~ 62	AC SIDEWALK REMOVAL
LT	11+69	11+79	12	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
LT	12+52	12+65	15	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
LT	12+90	13+00	12	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
RT	15+78	15+88	6	AC SIDEWALK REMOVAL
RT	16+19	16+48	22	5' OFFSET FROM NEW LIP OF GUTTER
LT	16+27	16+55	35	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
RT	16+74	16+92	16	5' OFFSET FROM NEW LIP OF GUTTER
VINTAGE BLVD. ALIGNMENT				
LT	3+84	6+03	116	5' OFFSET FROM NEW LIP OF GUTTER
RT	3+70	5+10	98	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC SIDEWALK REMOVAL)
PEDESTRIAN ISLANDS				
PEDESTRIAN ISLAND #1			42	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC ISLAND REMOVAL)
PEDESTRIAN ISLAND #2			42	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC ISLAND REMOVAL)
PEDESTRIAN ISLAND #3			44	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC ISLAND REMOVAL)
PEDESTRIAN ISLAND #4			40	5' OFFSET FROM NEW LIP OF GUTTER (INCLUDES AC ISLAND REMOVAL)
			2059	

202(3) REMOVAL OF SIDEWALK

OFFSET	STATION FROM	STATION TO	AREA (SY)	REMARKS
RIVERSIDE DRIVE ALIGNMENT				
RT	16+19	16+41	16	NEW CURB RAMP INSTALLATION
RT	16+80	16+95	11	NEW CURB RAMP INSTALLATION
VINTAGE BLVD. ALIGNMENT				
RT	3+95	5+08	63	
LT	3+63	6+00	130	
			220	

202(4) REMOVAL OF CULVERT PIPE

OFFSET	STATION	LENGTH	REMARKS
RIVERSIDE DRIVE ALIGNMENT			
RT	5+58	15	REMOVE EXISTING 24" CMP FOR S-3 AND P-3 INSTALLATION

603 CULVERT INSTALLATION

PIPE	INLET STATION	INLET OFFSET	INLET INVERT	OUTLET STATION	OUTLET OFFSET	OUTLET INVERT	LENGTH (FT)	SIZE	REMARKS	APPROX GRADE
RIVERSIDE DRIVE ALIGNMENT										
P-1	1+65	34.84 RT	27.07	1+65.55	46.83 RT	26.95	12	18" CPP		1.00%
P-2	2+98.36	25.83 RT	27.69	1+66.53	33.77 RT	27.07	128	18" CPP		0.48%
P-3	5+58.09	41.43 RT	27.01	5+57.82	29.59 RT	26.97	12	24" CPP		0.33%
P-4	6+65.36	31.03 RT	28.08	6+65.30	45.34 RT	27.80	14	18" CPP		2.00%
VINTAGE BLVD. ALIGNMENT										
P-5	4+72.73	37.17 LT	25.77	4+96.83	37.28 LT	25.37	23	12" CPP	TIE INTO EXISTING CURB INLET	1.74%

604(1) STORM SEWER MANHOLE AND 604(5) INLET, TYPE IV

STRUCT. NO.	STATION	OFFSET (TBC)	TOP BACK OF CURB ELEVATION (TBC)	SUMP ELEV.	REMARKS
RIVERSIDE DRIVE ALIGNMENT					
S-1	1+65	34.84 RT	30.34	25.57	TYPE IV CATCH BASIN AND CURB INLET FRAME, GRATE AND HOOD PER CBJ STD. DWGS. 304B & 308
S-2	2+99.98	26.72 RT	31.44	26.19	TYPE IV CATCH BASIN AND CURB INLET FRAME, GRATE AND HOOD PER CBJ STD. DWGS. 304B & 308
S-3	5+57.86	28.89 RT	32.41	25.47	TYPE I STORM DRAIN MANHOLE AND CURB INLET FRAME, GRATE AND HOOD PER DETAIL SHT. J9
S-4	6+65.36	31.03 RT	32.07	26.58	TYPE IV CATCH BASIN AND CURB INLET FRAME, GRATE AND HOOD PER CBJ STD. DWGS. 304B & 308
S-6	0+63.10	35.86 LT	31.30	23.44	TYPE I STORM DRAIN MANHOLE AND CURB INLET FRAME, GRATE AND HOOD PER DETAIL SHT. J9
VINTAGE BLVD. ALIGNMENT					
S-5	4+70.61	38.16 LT	29.02	24.27	TYPE IV CATCH BASIN AND CURB INLET FRAME, GRATE AND HOOD PER CBJ STD. DWGS. 304B & 308

Deleted Type I Storm Drain Manhole & replaced with a Type IV Catch Basin & curb inlet Frame, Grate, Hood.

202(9) REMOVAL OF CURB & GUTTER

OFFSET	STATION FROM	STATION TO	LENGTH (LF)	REMARKS
RIVERSIDE DRIVE ALIGNMENT				
LT	3+76	4+02	60	
LT	4+32	4+60	40	
-	-	-	65	PEDESTRIAN ISLAND #1
-	-	-	70	PEDESTRIAN ISLAND #2
-	-	-	70	PEDESTRIAN ISLAND #3
-	-	-	65	PEDESTRIAN ISLAND #4
RT	8+30	8+43	25	
~~LT~~ LT	~~11+69~~ 12+28	~~11+79~~ 12+40	~~10~~ 43	
LT	12+52	12+65	13	
LT	12+90	13+00	10	
RT	16+19	16+41	31	
LT	16+26	16+50	27	
RT	16+78	16+95	23	
VINTAGE BLVD. ALIGNMENT				
RT	3+56	5+08	180	
LT	3+63	6+00	230	
			919	

604(8) ADJUST EXISTING FRAME & GRATE

STATION	OFFSET	TOP BACK OF CURB ELEVATION (TBC)	REMARKS
VINTAGE BLVD. ALIGNMENT			
4+98.23	38.28 LT	29.19	ADJUST CURB INLET FRAME, GRATE AND HOOD PER CBJ STD. DWG. 308

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

PE _____ Date 1/5/16

604(4) ADJUST EXISTING MANHOLE

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
~~4+47~~	~~40.3' LT~~	~~PROVIDE INVERT COVER PER DETAIL SHT. J1~~ Deleted
7+73	45.1' LT	PROVIDE INVERT COVER PER DETAIL SHT. J1 No Concrete Collar installed. Backfill with Asphalt.

604(9) REPLACE EXISTING FRAME AND HOOD

STATION	OFFSET	TOP BACK OF CURB ELEVATION (TBC)	REMARKS
VINTAGE BLVD. ALIGNMENT			
11+74	LT	MATCH EXISTING	MODIFIED HOOD PER CBJ STD. DWG. 308
12+58	LT	MATCH EXISTING	MODIFIED HOOD PER CBJ STD. DWG. 308
12+95	LT	MATCH EXISTING	MODIFIED HOOD PER CBJ STD. DWG. 308

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

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

10/23/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_C1-3_SUM.DWG
TAB: C2 Wednesday, October 23, 2013 8:37:49 AM GRANTHAM, RICK L (DOT)

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SUMMARIES

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	C2	40

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

PE _____ Date 1/5/16

608(1A) CONCRETE SIDEWALK 4 INCHES THICK

STATION FROM	STATION TO	OFFSET	AREA (SY)	REMARKS
RIVERSIDE DRIVE ALIGNMENT				
0+74	7+20	RT	352	
0+51	3+72	LT	186	
4+74	7+09	LT	136	
VINTAGE BLVD. ALIGNMENT				
3+88	5+78	LT	97	
3+71	4+89	RT	75	
			846	

608(6) CURB RAMP

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
0+40	LT	SEE DETAIL SHT. J4
0+66	RT	SEE DETAIL SHT. J5
3+84	LT	SEE DETAIL SHT. J4
4+62	LT	SEE DETAIL SHT. J4
7+30	RT	SEE DETAIL SHT. J8
7+21	LT	SEE DETAIL SHT. J4
8+32	LT	SEE DETAIL SHT. J4
8+37	RT	SEE DETAIL SHT. J4
16+34	RT	SEE DETAIL SHT. J9
16+39	LT	SEE DETAIL SHT. J9
16+86	RT	SEE DETAIL SHT. J4
VINTAGE BLVD. ALIGNMENT		
5+04	RT	SEE DETAIL SHT. J5
5+85	LT	SEE DETAIL SHT. J2

Deleted by C.O.3
Added revised ranges by C.O.3 (See attachment sheet J-4)

Deleted Detectable warning tactile strips. (As per FHWA).

609(2) CURB & GUTTER, TYPE 1

OFFSET	STATION FROM	STATION TO	LENGTH (LF)	REMARKS
RIVERSIDE DRIVE ALIGNMENT				
RT	0+62	7+32	667	
LT	0+51	4+02	427	
LT	4+34	7+25	323 93	Added 93 L.F Curb & gutter Type I
RT	8+33	8+44	24	
LT	11+69	11+79	10	
LT	12+52	12+65	13	
LT	12+90	13+00	10	
RT	16+19	16+41	31	
LT	16+26	16+50	26	
RT	16+78	16+95	23	
VINTAGE BLVD. ALIGNMENT				
LT	3+88	5+97	192	
RT	3+57	5+07	179	
			1925	

627(6) FIRE HYDRANT RELOCATION

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
2+95	53' LT	CBJ STD. DWG. 403

627(10) ADJUSTMENT OF VALVE BOX

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
0+83	32.2' LT	LOCATED IN CURB GUTTER
2+95	35.2' LT	LOCATED IN CURB GUTTER
3+27	22' RT	
3+27	28.9' LT	
8+33	15.6' RT	
8+35	13.2' RT	
8+36	20.7' RT	
11+24	16.8' RT	
14+17	18.8' RT	
16+84	19.3' RT	
16+86	11.4' RT	
16+89	17.4' RT	

628(1) PEDESTRIAN REFUGE ISLANDS

STATION	OFFSET	AREA (SY)	REMARKS
RIVERSIDE DRIVE ALIGNMENT			
7+50	RT	27	PEDESTRIAN ISLAND #1
7+48	LT	27	PEDESTRIAN ISLAND #2
8+12	LT	30	PEDESTRIAN ISLAND #3
8+12	RT	26	PEDESTRIAN ISLAND #4

639(3) APPROACH

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
4+14	LT	SAFEWAY ENTRANCE
5+20	RT	POST OFFICE ENTRANCE
11+63	RT	JRC ENTRANCE - SOUTH
15+12	RT	JRC ENTRANCE - NORTH

642(9) REFERENCE EXISTING MONUMENT
642(11) ADJUST EXISTING MONUMENT CASE

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
0+00	0	CENTER LINE MONUMENT (BOP)
4+57.54	30.80' LT	LOCATED IN CURB GUTTER
9+80.95	0	CENTER LINE MONUMENT
12+36.42	0	CENTER LINE MONUMENT
16+63.04	0	CENTER LINE MONUMENT

660(14) ADJUST EXISTING JUNCTION BOX

STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
0+47	47.4' LT	
0+58	40.4' LT	
2+00	38.0' RT	Located in new sidewalk C.O. 4

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

PE Steve Smith Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA · KEITH B. KARPSTEIN · CE-12904 · PROFESSIONAL ENGINEER · 19th

1/5/16

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION EGAN DRIVE TO JAMES BLVD. PROJECT #69527

SUMMARIES

PATH: Q:\JNU\69527\PLANSET\69527_C_SUM.DWG

TAB: C3 Tuesday, September 03, 2013 3:32:54 PM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	C3	40

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

PE Steve Smith Date 1/5/16

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBEDMENT DEPTH	SIGN FACING	COMMENTS
1	YIELD	0+58	RT	R1-2	30	30	6.25	-	-	WB	MOUNT ON LIGHT POLE
2	KEEP RIGHT (SYMBOL)	0+58	RT	R4-7	30	36	7.50	2.5 PST	4'-6"	NB	FALLS IN MEDIAN ISLAND
3	OBJECT MARKER (TYPE 4)	0+58	RT	OM4-1	18	18	2.25	-	-	NB	MOUNT BELOW SIGN #2
4	35 MPH	2+02	RT	R2-1	30	36	7.50	-	-	NB	MOUNT ON LIGHT POLE
5	LANE USE CONTROL	2+36	LT	R3-8L/L/R	90	36	22.50	2.5 PST	4'-6"	SB	
6	NO PARKING ANY TIME	2+36	LT	R7P-101	12	18	1.50	-	-	SB	MOUNT BELOW SIGN #5
7	STOP	3+97	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
8	Riverside Dr	3+97	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #7
9	NO LEFT TURN (SYMBOL)	3+97	LT	R3-2	30	30	6.25	-	-	EB	MOUNT BELOW SIGN #7
10	NO PARKING ANY TIME	4+36	RT	R7P-101L/R	12	18	1.50	2.5 PST	4'-6"	EB	
11	KEEP RIGHT (SYMBOL)	4+95	LT	R4-7	30	36	7.50	2.5 PST	4'-6"	SB	FALLS IN MEDIAN ISLAND
12	BEGIN RIGHT TURN LANE YIELD TO BIKES	4+95	RT	R4-4	30	36	7.50	2.5 PST	4'-6"	NB	
13	LIBRARY (SYMBOL)	6+16	RT	I-8	24	24	4.00	2.5 PST	4'-6"	NB	
14	LIBRARY (PLATE)	6+16	RT	I-8P	24	12	2.00	-	-	NB	MOUNT BELOW SIGN #13
15	DIRECTIONAL ARROW (SYMBOL) (GREEN)	6+16	RT	D9-301	24	6	1.00	-	-	NB	MOUNT BELOW SIGN #14
16	YIELD	7+19	LT	R1-2	30	30	6.25	2.5 PST	4'-6"	EB	
17	YIELD	7+21	RT	R1-2	30	30	6.25	2.5 PST	4'-6"	NB	
18	YIELD	8+45	LT	R1-2	30	30	6.25	2.5 PST	4'-6"	SB	
19	YIELD	8+52	RT	R1-2	30	30	6.25	2.5 PST	4'-6"	WB	MOUNT ON LIGHT POLE
20	BEGIN RIGHT TURN LANE YIELD TO BIKES	10+66	LT	R4-4	30	36	7.50	2.5 PST	4'-6"	SB	
21	NO PARKING ANY TIME	10+92	RT	R7P-101L/R	12	18	1.50	2.5 PST	4'-6"	NB	
22	ADVANCED SCHOOL CROSSING (SYMBOL)	11+99	RT	S1-1	36	36	9.00	2.5 PST	4'-6"	NB	
23	35 MPH	12+46	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	NB	
24	35 MPH	13+40	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	SB	
25	END SCHOOL ZONE	13+91	LT	S5-2	24	30	5.00	2.5 PST	4'-6"	SB	
26	SCHOOL SPEED LIMIT 20 WHEN FLASHING	14+10	RT	S5-1	36	72	18.00	-	-	NB	MOUNT ON FLASHING LIGHT POLE
27	ADVANCED SCHOOL CROSSING (SYMBOL)	16+24	RT	S1-1	36	36	9.00	-	-	NB	MOUNT ON LIGHT POLE
28	DIAGONAL PLATE LEFT (ARROW)	16+24	RT	W16-7PL	30	18	3.75	-	-	NB	MOUNT ON LIGHT POLE BELOW SIGN #27
29	ADVANCED SCHOOL CROSSING (SYMBOL)	16+33	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	SB	
30	DIAGONAL PLATE LEFT (ARROW)	16+33	LT	W16-7PL	30	18	3.75	-	-	SB	MOUNT BELOW SIGN #29
31	DO NOT ENTER	16+42	LT	R5-1	30	30	6.25	2.5 PST	4'-6"	WB	MOUNT BEHIND SIGN #32
32	STOP	16+42	LT	R1-1	30	30	6.25	-	-	EB	MOUNT BEHIND SIGN #31
33	STOP	16+92	RT	R1-2	30	30	6.25	2.5 PST	4'-6"	WB	
34	Riverside Dr	16+92	RT	D3-1	36	8	2.00	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #33
35	James Blvd	16+92	RT	D3-1	48	12	4.00	-	-	EB/WB	(USE FONT SERIES C, 6"/4" LETTER HEIGHT) MOUNT ABOVE SIGN #34
						TOTAL	216.75				

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

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Steve Miller Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN
STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.5.13
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SIGN SUMMARY

PATH: Q:\JNU\69527\PLANSET\69527_D_SIGN SUM.DWG
TAB: D1 Thursday, September 05, 2013 9:35:18 AM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0967(7)~69527	2013	D1	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE Steve Miller Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_F1-F5_PLANS.DWG

GRANTHAM, RICK L (DOT)
TAB: F1 Thursday, September 05, 2013 2:55:56 P

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

Deleted Type I Storm Drain M.H. & replaced with Type II catch basin & 100 L.F. of 12" discharge pipe to existing ditch

STA. 2+95, 53' LT
NEW FIRE HYDRANT LOCATION
SEE CBJ STD. DWG. 403
(NO GUARD POSTS REQUIRED)

SAFEWAY ENTRANCE

0 40' 80'
SCALE IN FEET

STA. 0+12, 66' LT:
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

CURVE "C-7"

CURVE "C-5"

CURVE "C-6"

STA. 0+40
CURB RAMP
SEE DETAIL SHT. J4

STA. 2+45.51 - 52.80' LT
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE

FILL LIMITS

STA. 2+97
DEPRESSED CURB
SEE DETAIL SHT. J5

Modified Detail by C.O. 3, see J-4

STA. 3+84
CURB RAMP
SEE DETAIL SHT. J4

CURVE "C-9"

STA. 4+14.28 - 74.17' LT
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

CURVE "C-10"

STA. 4+62
CURB RAMP
SEE DETAIL SHT. J4
Modified Detail by C.O. 3 (see J-4)

EX. TRAFFIC LOOP SYSTEM.
COORDINATE W/ AKDOT&PF
TRAFFIC SECTION PRIOR TO
CONSTRUCTION.

RIVERSIDE DRIVE

EXISTING MONUMENT
642(9) & 642(11)

PC: STA: 1+01.43
N = 505263.69
E = 495327.66

ADJUST EX.
JUNCTION BOXES
IN SIDEWALK

N4° 28' 04.00"W
101.43'

BOP: 0+00.00
N: 505,162.57
E: 495,335.57

MATCH LINE STA. 5+25.00

FILL LIMITS

26.95
IE

GRUB EXISTING VEGETATION
AND CLEAN OUT DEBRIS. ADD
RIPRAP, CLASS I TO CULVET
OUTLET
SEE DETAIL SHEET J3

CURVE "C-14"

CURVE "C-1"

CURVE "C-2"

CURVE "C-3"

CURVE "C-8"

CURVE "C-11"

CURVE "C-4"

CURVE DATA
L=539.040
Δ=40°27'30"
R=763.370
T=281.31

STA. 0+66
CURB RAMP
SEE DETAIL SHT. J5

GRUB EXISTING VEGETATION
AND CLEAN OUT DEBRIS. ADD
RIPRAP, CLASS I TO CULVET
INLET / OUTLET
SEE DETAIL SHEET J3

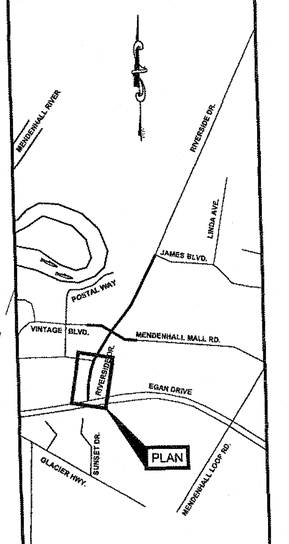
STA. 0+40, 112' RT:
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

EGAN DRIVE

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY OWNERS FOR UTILITY LOCATES PRIOR TO EXCAVATION.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

PLAN VIEW

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F1	40

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

PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_F1-F5_PLANS.DWG

GRANTHAM, RICK L (DOT)
TAB: F2 Wednesday, October 23, 2013 8:16:13 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

VINTAGE BLVD.

ROW

CURVE "C-15"

Installed Type III Inlet & 50 L.F. 12" poly pipe.

CURVE DATA
T=32.81
L=64.270
R=130.000
Δ=28°19'34"

0 40' 80'
SCALE IN FEET

PT: STA: 4+80.62
N = 505953.26
E = 495405.07

P-5

S-5

ADJUST EXISTING CURB INLET FRAME AND GRATE

EXISTING EASEMENT

PC: STA: 4+15.35
N = 505938.25
E = 495466.90

STA. 7+21
CURB RAMP
SEE DETAIL SHT. J4

CURVE "C-12"

CURVE "C-16"

CURVE "C-17"

STA. 8+32
CURB RAMP
SEE DETAIL SHT. J4

MATCH INTO EXISTING CURB, GUTTER & ASPHALT SIDEWALK

EXISTING EASEMENT

Sta 10+00 - 10+93 LT
Removed 93 L.F. Existing Curb & Gutter
Added 93 L.F. New, Type I curb & Gutter

FILL LIMITS

5'x12' PAVEMENT PATCH

2'x15' PAVEMENT PATCH

PEDESTRIAN REFUGE ISLAND #2

PEDESTRIAN REFUGE ISLAND #3

PT: STA: 6+40.47
N = 505771.75
E = 495471.06

PC: STA: 9+80.95
N = 508047.07
E = 495671.36

6+00 7+00 8+00 9+00 10+00

N36° 02' 11.14"E
340.48'

N62° 11' 11.25"W
191.23'

RIVERSIDE DRIVE

MATCH LINE STA. 5+25.00

MATCH LINE STA. 10+50.00

PEDESTRIAN REFUGE ISLAND #1

PEDESTRIAN REFUGE ISLAND #4

S-3 S-4 P-3 P-4

27.01 IE

27.80 IE

FILL LIMITS

EXISTING EASEMENT

GRUB EXISTING VEGETATION AND CLEAN OUT DEBRIS. ADD RIPRAP, CLASS I TO CULVET OUTLET. SEE DETAIL SHEET J3

GRUB EXISTING VEGETATION AND CLEAN OUT DEBRIS. ADD RIPRAP, CLASS I TO CULVET OUTLET. SEE DETAIL SHEET J3

CURVE "C-4"

CURVE "C-11"

Adjusted Existing J-Box

STA. 7+30
CURB RAMP
SEE DETAIL SHT. J8

PT: STA: 2+25.12
N = 505849.02
E = 495636.03

REPLACE EXISTING SIGNAL POLE BASE WITH BREAKAWAY BASE. SEE DETAIL SHT. J1.

TBC = STA. 8+37.34 - 41.77' RT
(RIVERSIDE DRIVE ALIGNMENT)
N = 505906.37
E = 495620.65
CURB RAMP
SEE DETAIL SHT. J4

EX. TRAFFIC LOOP SYSTEM. COORDINATE W/ AKDOT&PF TRAFFIC SECTION PRIOR TO CONSTRUCTION.

STA. 7+99.64, 85.38' RT:
(RIVERSIDE DRIVE ALIGNMENT)
SAW CUT AND MATCH EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

MALL ROAD

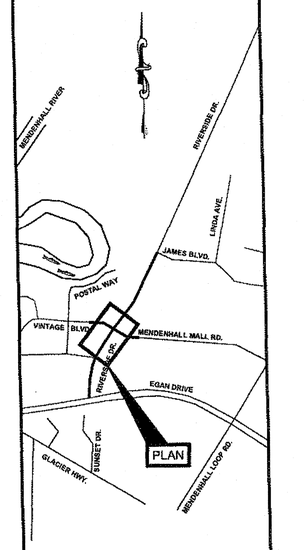
CURVE DATA
T=48.94
L=96.000
R=200.000
Δ=27°30'07"

PC: STA: 1+29.12
N = 505825.92
E = 495728.26

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PE _____ Date 1/5/16

LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY OWNERS FOR UTILITY LOCATES PRIOR TO EXCAVATION.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER
KEITH D. KARPSTEIN
CE-12904
10/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

PLAN VIEW

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F2	40

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

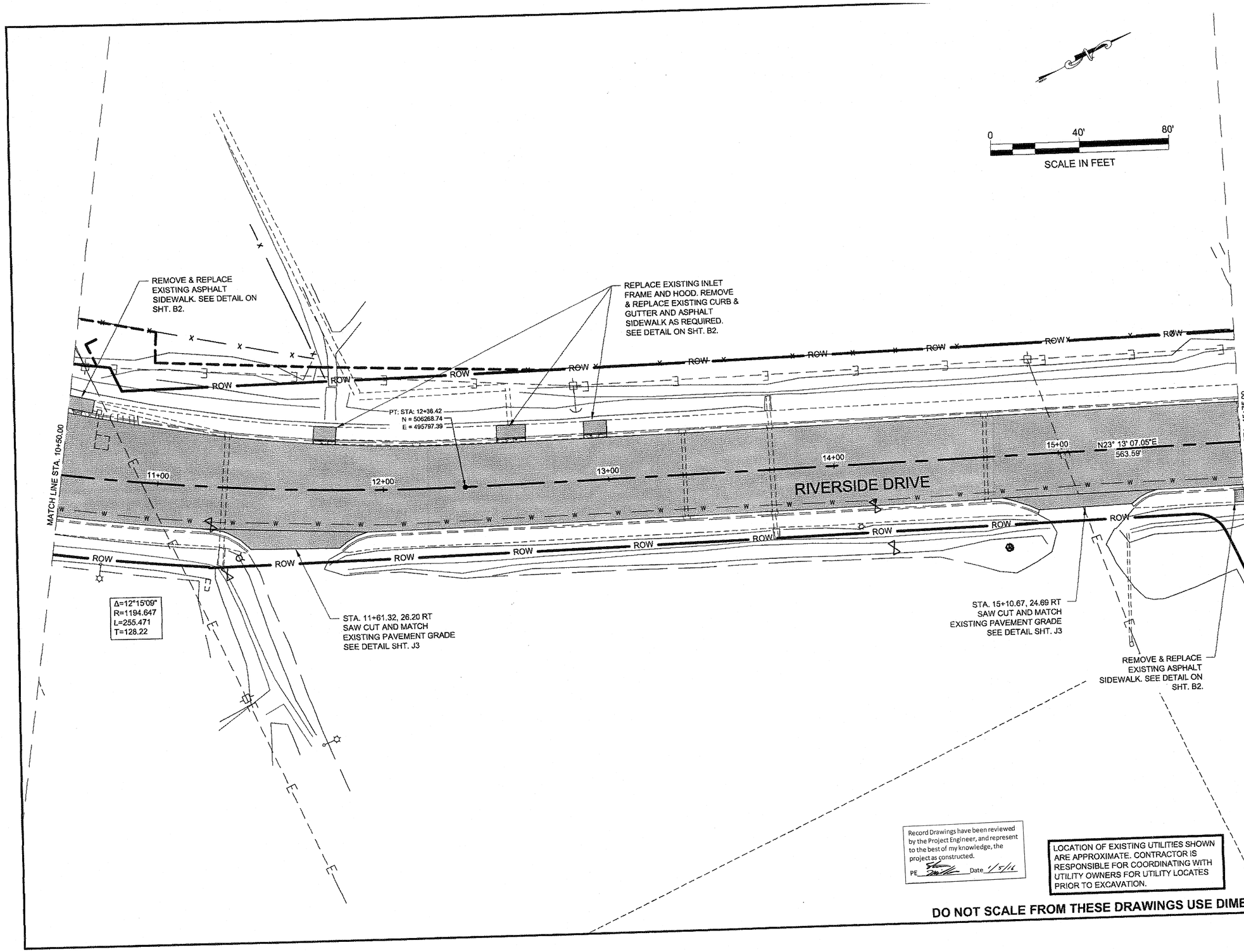
PE _____ Date 1/5/16

GRANTHAM, RICK L (DOT)
TAB: F3 Thursday, September 05, 2013 10:32:10

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

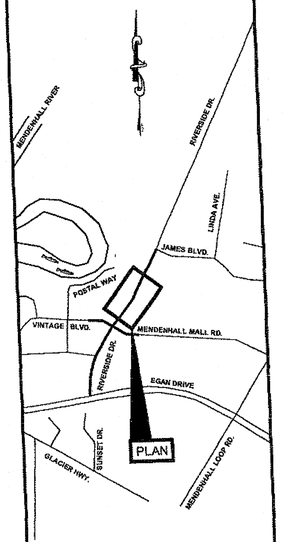
No.	DATE	DESCRIPTION



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PE _____ Date 1/5/16

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PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

PLAN VIEW

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F3	40

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

PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_F1-F5_PLANS.DWG

GRANTHAM, RICK L (DOT)
TAB: F4 Thursday, September 05, 2013 10:34:19

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 40' 80'
SCALE IN FEET

AREA OF PROPOSED PEDESTRIAN SIGNAL SYSTEM TO BE CONSTRUCTED BY CBJ PRIOR TO FINAL PAVING

STA. 16+39
CURB RAMP
SEE DETAIL SHT. J9

STA. 16+70.43, 26.93 LT
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW

MATCH LINE STA. 15+75.00

16+00 17+00 18+00

N23° 13' 07.05"E
563.59'

EOP: 18+00.00
N: 506,786.68
E: 496,019.57

RIVERSIDE DRIVE

STA. 17+05:
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

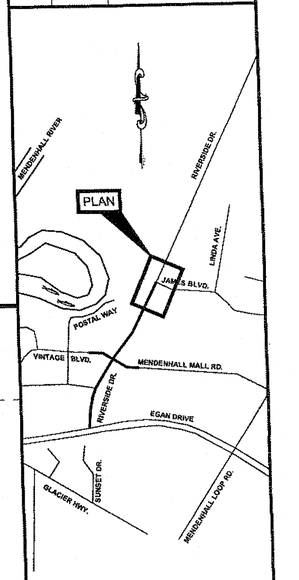
STA. 16+86.20, 30.19 RT
N = 506670.19
E = 496002.46
CURB RAMP
SEE DETAIL SHT. J4

STA. 16+34
CURB RAMP
SEE DETAIL SHT. J9

STA. 16+60, 49' RT:
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

JAMES BLVD.

ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

PLAN VIEW

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F4	40

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PE _____ Date 1/5/16

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Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_F1-F5_PLANS.DWG

GRANTHAM, RICK L (DOT)
TAB: F5 Thursday, September 05, 2013 10:36:45

ADDENDUM NUMBER
ATTACHMENT NUMBER
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

RIVERSIDE DRIVE

PT: STA: 6+40.47
N = 505771.75
E = 495471.06

FILL LIMITS

CURVE DATA
T=32.81
L=64.270
R=130.000
Δ=28°19'34"

CURVE "C-12"
CURVE "C-13"
CURVE "C-15"
CURVE "C-16"
CURVE "C-17"

PEDESTRIAN REFUGE ISLAND #1
PEDESTRIAN REFUGE ISLAND #2
PEDESTRIAN REFUGE ISLAND #3

340.48'
N36° 02' 11.14"E
3+00
N82° 11' 11.25"W
191.23'
2+00
1+00
0+00

S-5
P-5

PT: STA: 4+80.62
N = 505953.26
E = 495405.07

PC: STA: 4+16.35
N = 505938.25
E = 495466.90

5+00 S89° 29' 14.65"W 108.23'

PI: STA: 5+88.85
N = 505952.30
E = 495296.85

6+00 S85° 25' 44.65"W 70.62'

6+59

EOP: 6+59.47
N: 505,948.67
E: 495,226.45

VINTAGE BLVD.

ROW

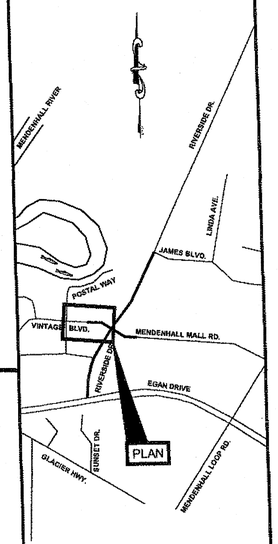
Installed Type III Inlet
± 50 L.F. 12" pipe

STA. 5+85
CURB RAMP
SEE DETAIL SHT. J2

STA. 5+04
CURB RAMP
SEE DETAIL SHT. J5

STA. 5+85:
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3

STA. 5+19.79, 25.26 RT
SAW CUT AND MATCH
EXISTING PAVEMENT GRADE
SEE DETAIL SHT. J3



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

PLAN VIEW

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F5	40

0 40' 80'
SCALE IN FEET

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/14

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PE _____ Date 1/5/14

TOP BACK CURB (TBC) CURVE & LINE DATA (AS SHOWN ON SHEETS G2 - G6)

CURVE #	RADIUS (FT.)	DELTA (DMS)	LENGTH (FT)	ARC LENGHT (FT.)	TANGENT (FT.)	NORTHING RADIUS PT.	EASTING RADIUS PT.	NORTHING "PC" TBC	EASTING "PC" TBC	NORTHING "PT" TBC	EASTING "PT" TBC	BEARING
RIVERSIDE DRIVE (PROFILE ALINGMENT @ TBC RIGHT - STA. 20+00 TO 26+52.71)												
C-1	119.50	28° 11' 56"	-	59.80	30.52	505308.13	495480.79	505245.84	495378.81	505301.42	495361.48	-
L-1	-	-	10.00	-	-	-	-	-	-	-	-	N. 3° 13' 16" W.
C-2	799.75	5° 06' 21"	-	71.27	35.66	505356.34	496159.40	505311.40	495360.92	505382.64	495360.08	-
L-2	-	-	30.00	-	-	-	-	-	-	-	-	N. 1° 53' 05" E.
C-3	561.00	24° 03' 32"	-	235.57	119.55	505394.18	495921.77	505412.63	495361.07	505839.61	495417.30	-
L-3	-	-	88.49	-	-	-	-	-	-	-	-	N. 35° 03' 08" E.
L-4	-	-	76.42	-	-	-	-	-	-	-	-	N. 34° 43' 30" E.
C-4	108.00	37° 09' 43"	-	70.05	36.31	505711.30	495598.97	505774.85	495511.65	505814.69	495567.78	-
C-14	38.00	40° 06' 06"	-	26.60	13.87	505265.65	495411.24	505229.61	495399.20	505245.84	495378.81	-
RIVERSIDE DRIVE (PROFILE ALINGMENT @ TBC LEFT - STA. 30+00 TO 34+44.47)												
C-5	118.00	4° 08' 38"	-	8.53	4.27	505301.21	495225.60	505189.75	495264.33	505192.84	495272.29	-
C-6	38.00	58° 19' 20"	-	38.68	21.20	505227.73	495257.24	505192.84	495272.29	505222.21	495294.83	-
C-7	118.00	12° 50' 20"	-	26.44	13.28	505239.38	495178.10	505222.21	495294.83	505248.58	495295.74	-
L-5	-	-	48.45	-	-	-	-	-	-	-	-	N. 4° 28' 04" W.
C-8	638.00	15° 25' 25"	-	171.75	86.40	505346.58	495928.03	505296.88	495291.97	505547.32	495322.44	-
C-9	26.50	109° 10' 16"	-	50.49	37.27	505555.66	495297.28	505547.32	495322.44	505582.16	495296.90	-
RIVERSIDE DRIVE (PROFILE ALINGMENT @ TBC LEFT - STA. 40+00 TO 45+14.78)												
C-10	39.50	67° 47' 00"	-	46.73	26.53	505649.35	495322.19	505609.85	495322.13	505634.35	495358.74	-
C-11	735.20	15° 48' 26"	-	202.83	102.06	505355.24	496038.89	505634.35	495358.74	505809.08	495460.49	-
C-12	65.50	128° 37' 07"	-	147.04	136.16	505849.51	495408.96	505809.08	495460.49	505915.01	495408.39	-
L-6	-	-	109.48	-	-	-	-	-	-	-	-	S. 89° 30' 02" W.
C-13	6.50	76° 39' 27"	-	8.70	5.14	505907.55	495298.97	505914.05	495298.91	505909.00	495292.63	-
VINTAGE BLVD. (TBC)												
C-15	10.00	91° 30' 22"	-	15.97	10.27	505978.09	495388.21	505968.09	495388.3	505978.27	495378.21	-
C-16	180.00	14° 34' 00"	-	45.76	23.01	505788.58	495442.65	505963.19	495486.35	505968.57	495441.03	-
L-7	-	-	13.19	-	-	-	-	-	-	-	-	N. 75° 56' 58" W.
C-17	69.50	42° 17' 56"	-	51.31	26.89	506027.41	495516.02	505966.19	495548.92	505959.99	495499.15	-

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th KEITH B. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER
7/5/13

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

GRADING

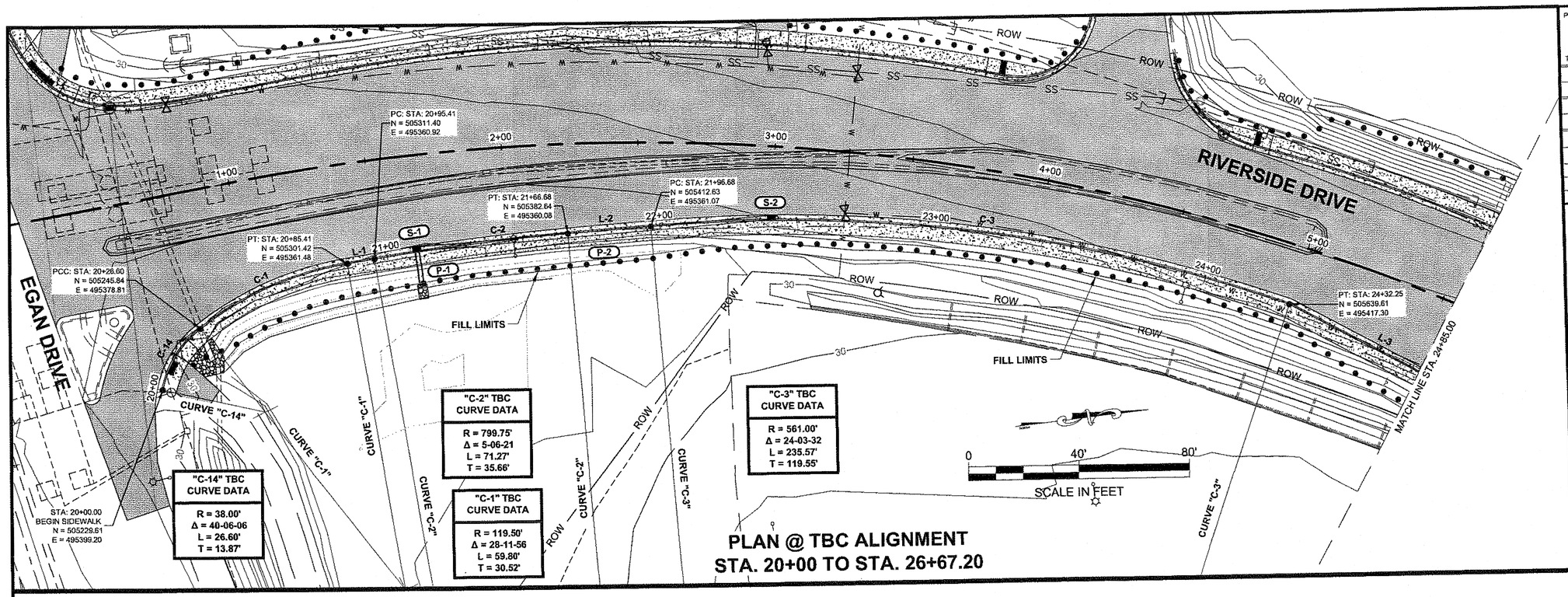
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_G_GRADING.DWG
TAB: G1 Wednesday, September 04, 2013 7:42:04 AM GRANTHAM, RICK L (DOT)

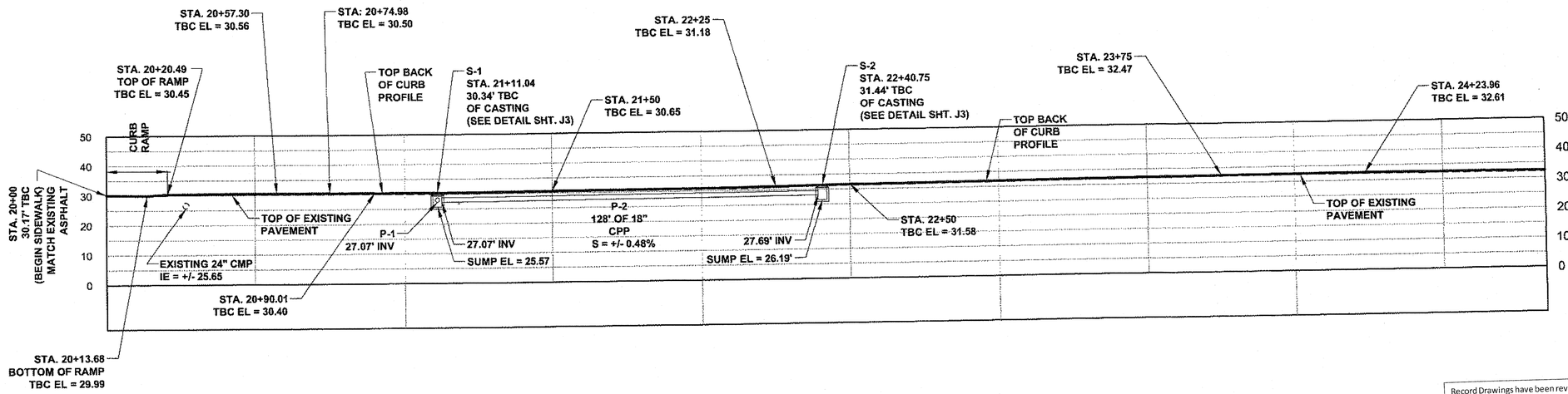
REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0967(7)~69527	2013	G1	40

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16





PROFILE @ TBC

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_G_GRADING.DWG

GRANTHAM, RICK L (DOT)

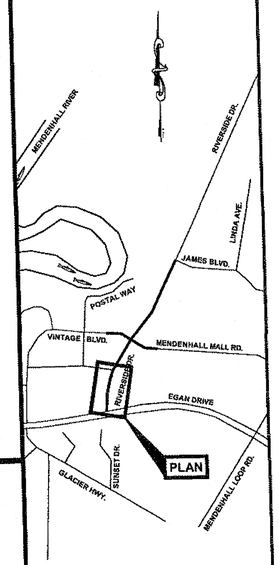
TAB: G2 Thursday, September 05, 2013 11:58:24

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KRISTI D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

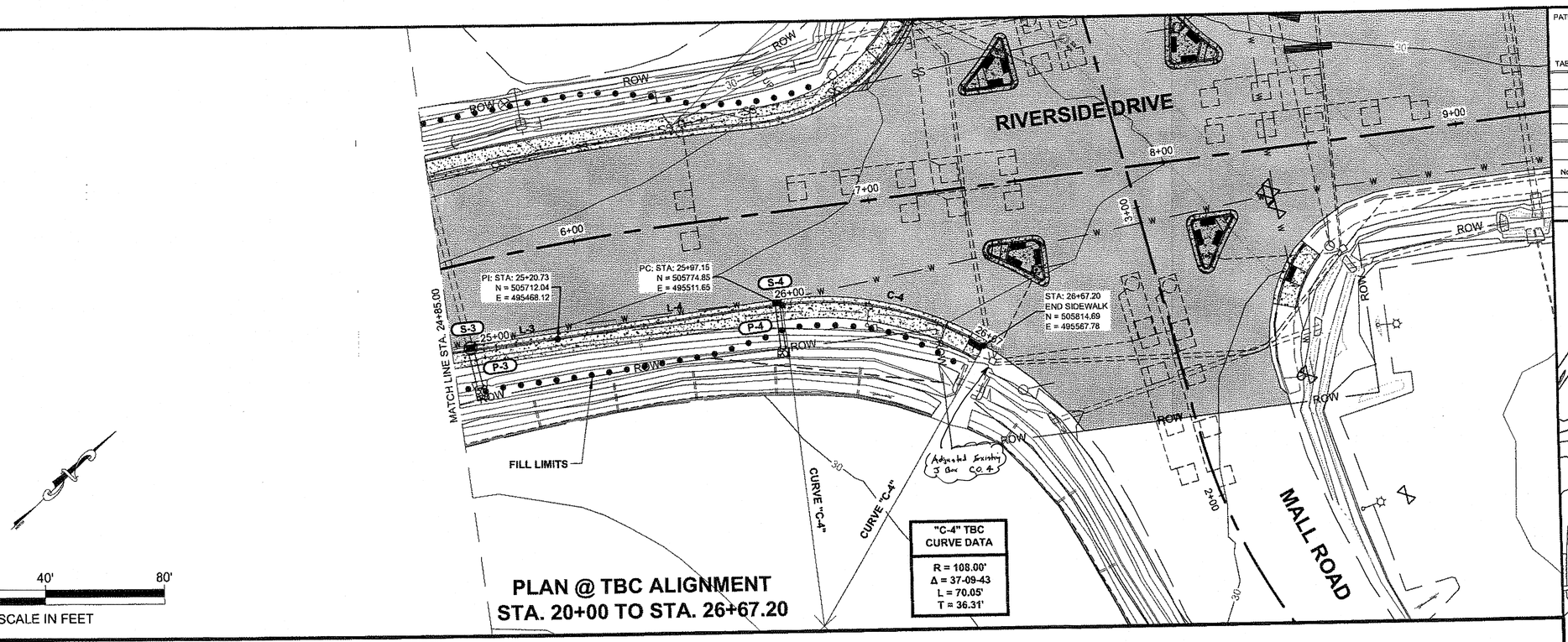
JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

GRADING

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
G2	40

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

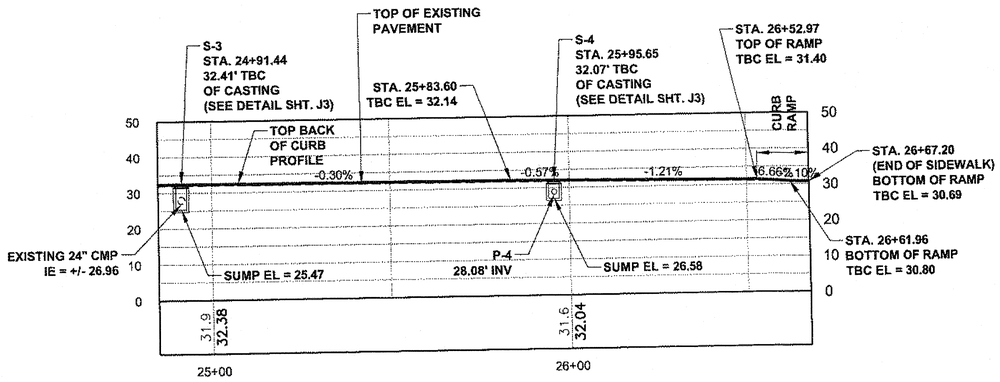
PE _____ Date 1/5/16



0 40' 80'

SCALE IN FEET

PLAN @ TBC ALIGNMENT
STA. 20+00 TO STA. 26+67.20



PROFILE @ TBC

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

PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\JNU\69527\PLANSET\69527_G_GRADING.DWG

GRANTHAM, RICK L (DOT)

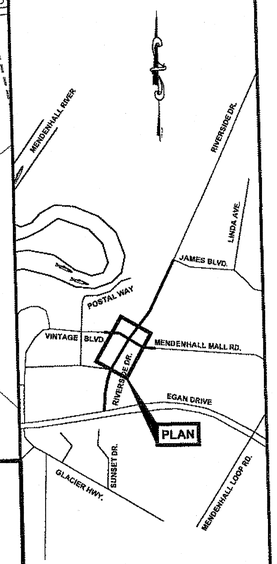
TAB: G3 Thursday, September 05, 2013 11:33:25

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

GRADING

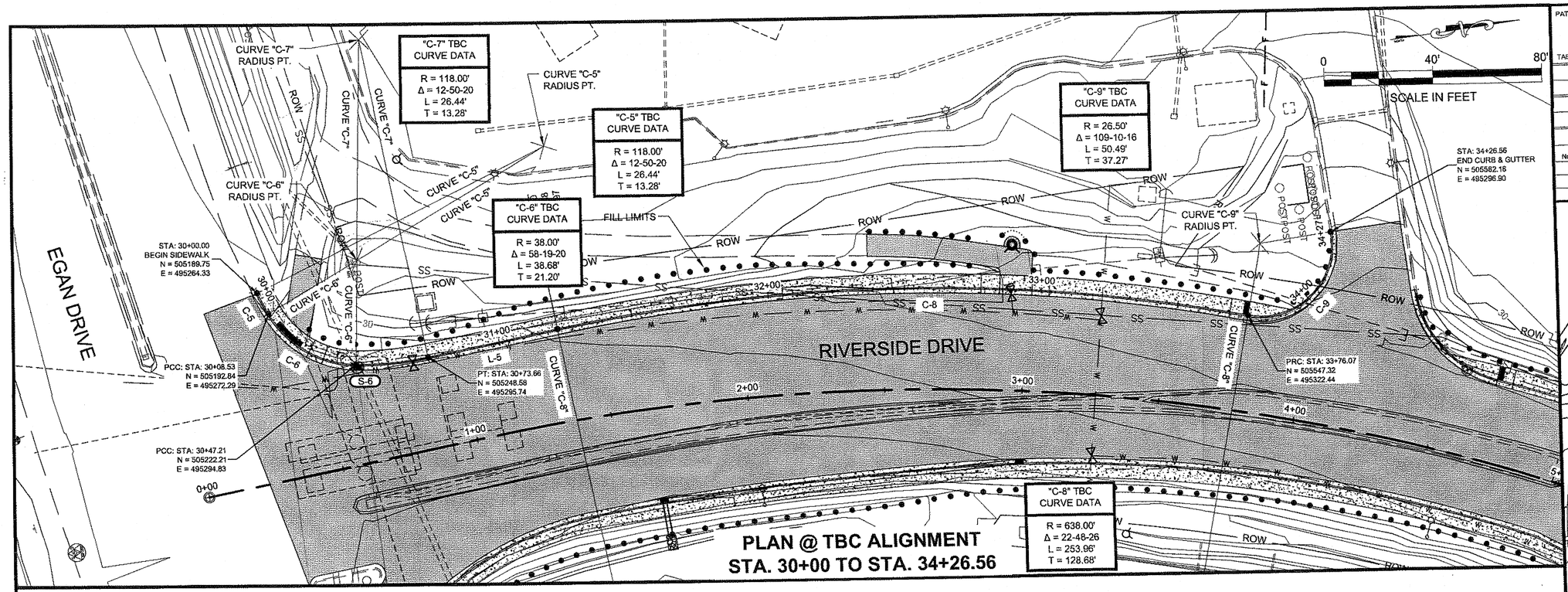
PROJECT DESIGNATION

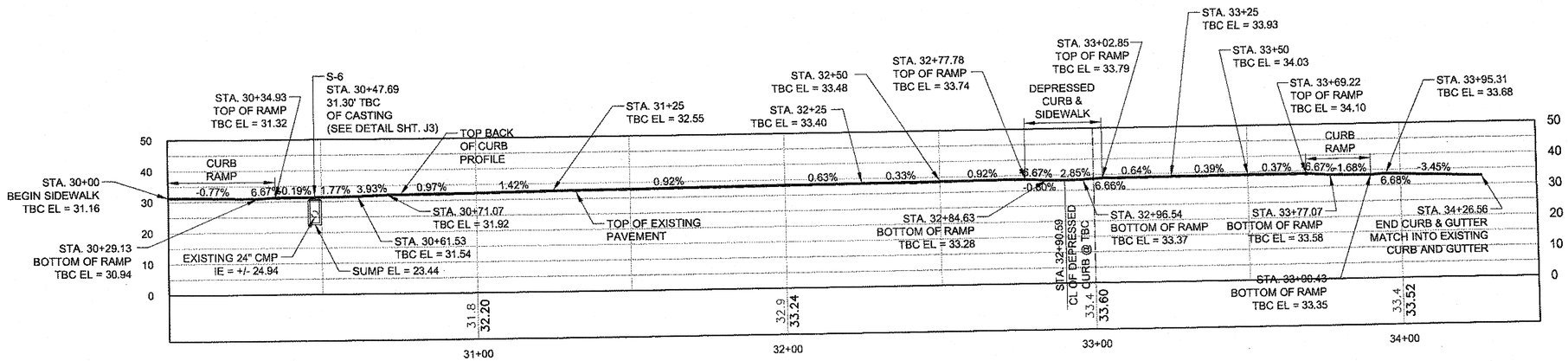
STP-0967(7)~69527

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
G3	40

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

PE _____ Date 1/5/16





PROFILE @ TBC

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

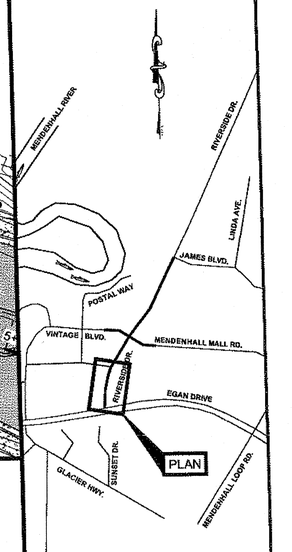
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GRANTHAM, RICK L (DOT)
TAB: G4 Thursday, September 05, 2013 11:4[illegible]:03

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

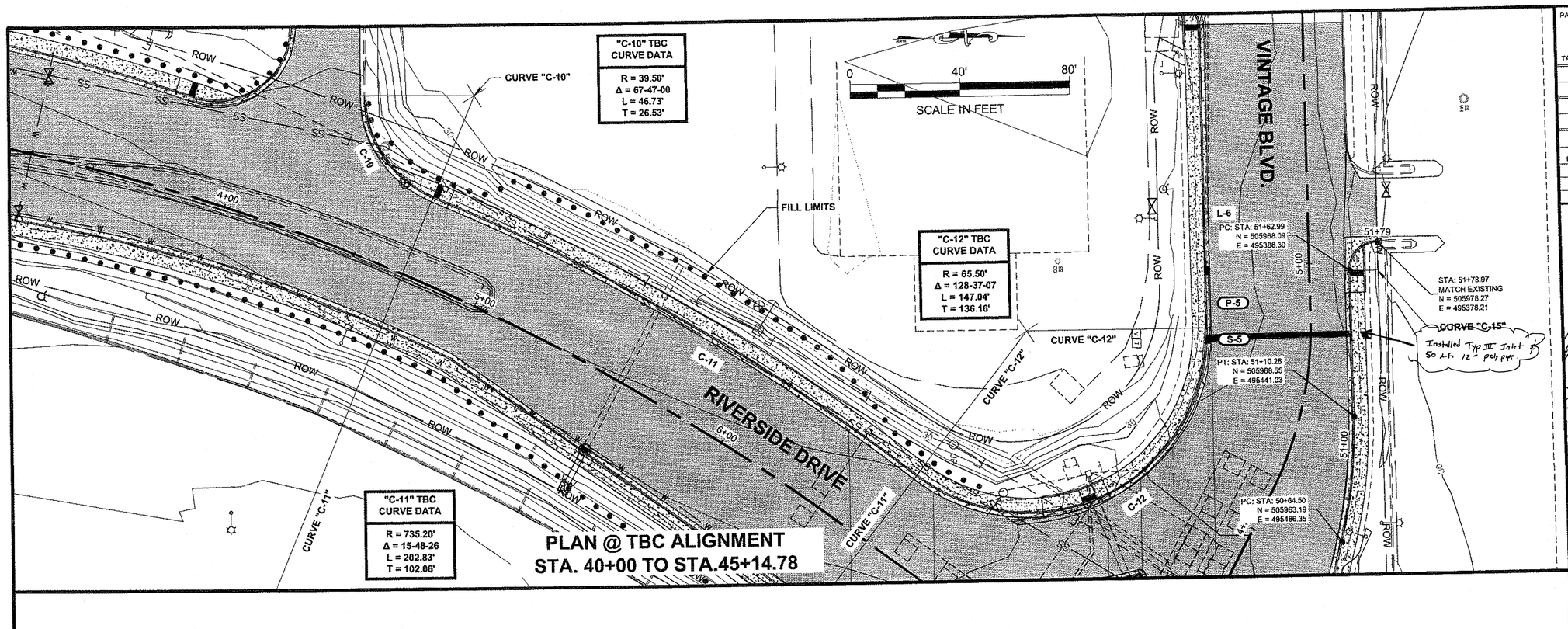
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

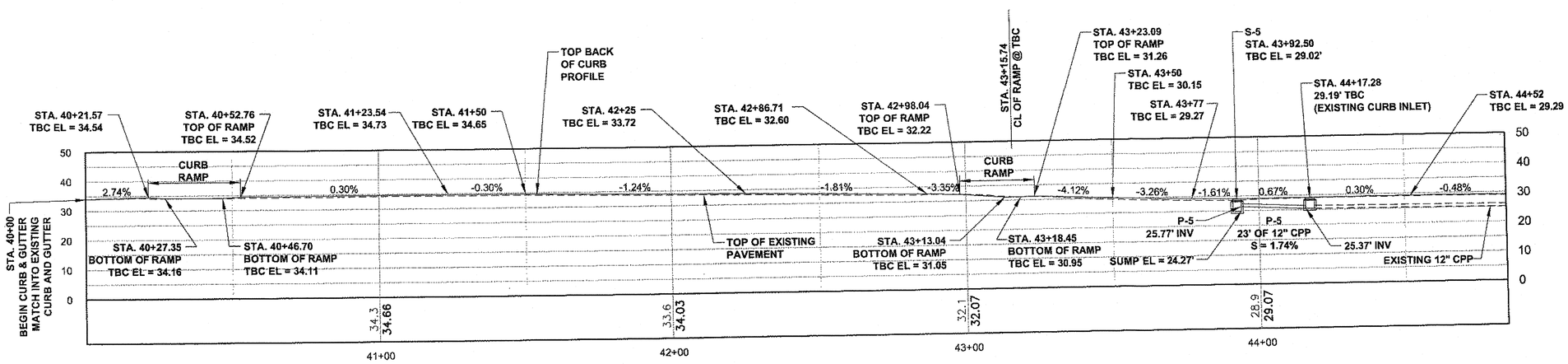
JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

GRADING

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
G4	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16





PROFILE @ TBC

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 1/5/16

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GRANTHAM, RICK L (DOT)

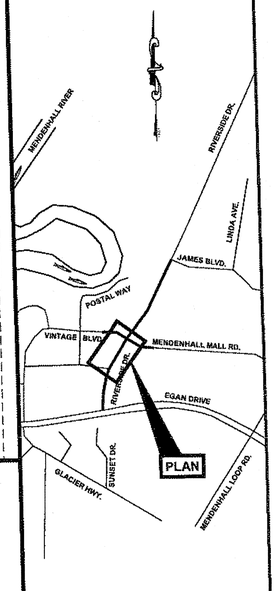
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

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

9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

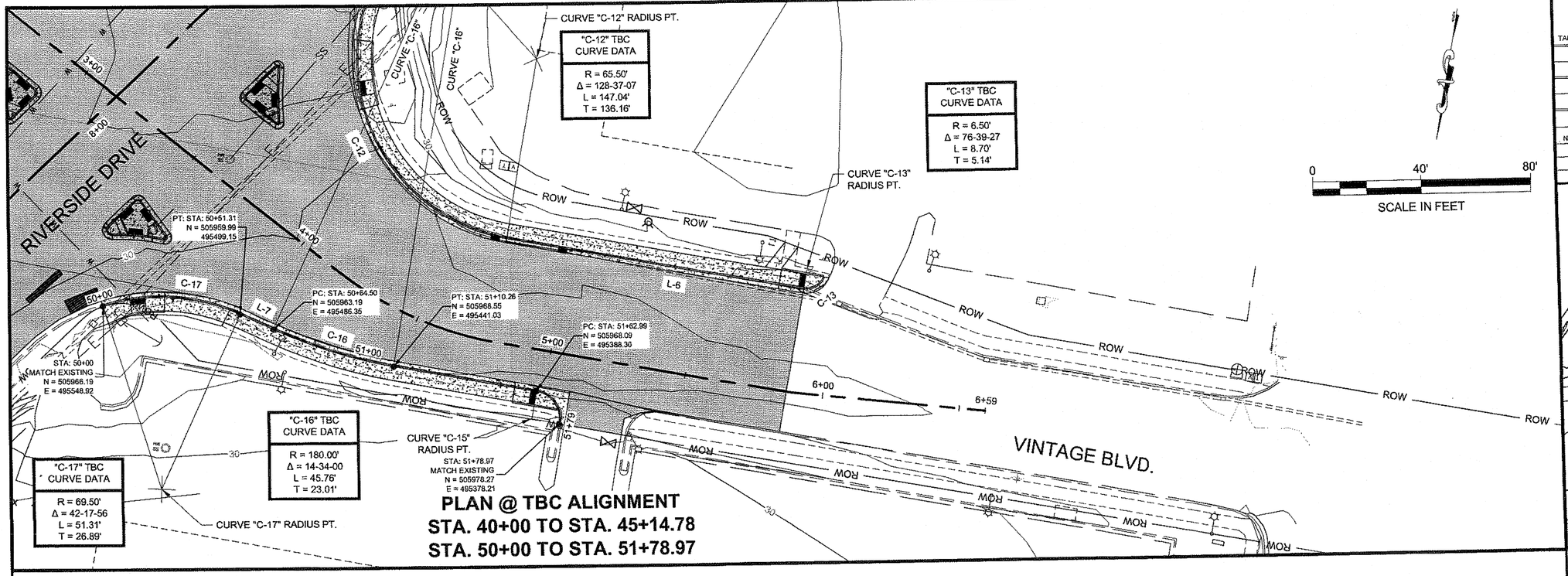
JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

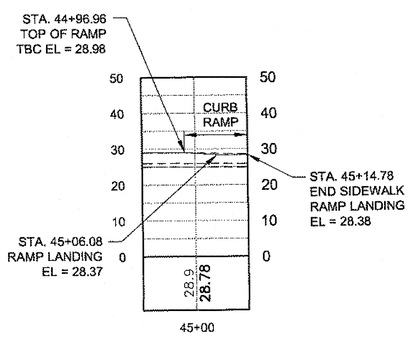
GRADING

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
G5	40

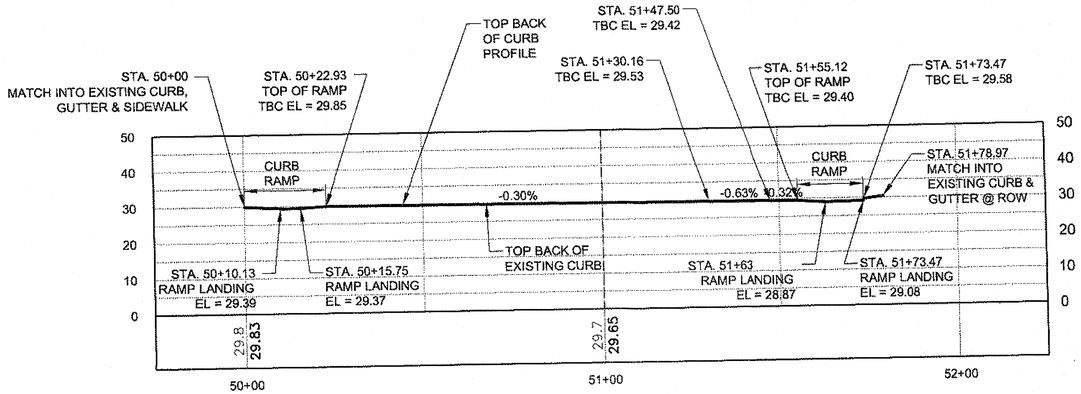
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.

PE _____ Date 1/5/16





PROFILE @ TBC
STA. 40+00 TO STA. 45+14.78



PROFILE @ TBC
STA. 50+00 TO STA. 51+78.97

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

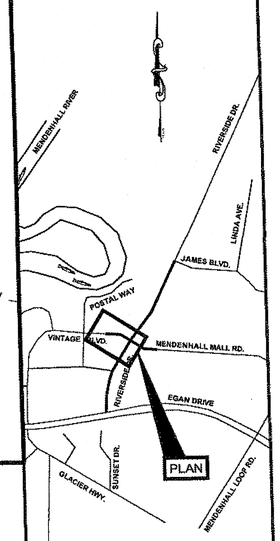
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GRANTHAM, RICK L (DOT)
TAB: G6 Thursday, September 05, 2013 11:43:18

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH D. KARPSTEIN
CE-12904
PROFESSIONAL ENGINEER
9/5/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

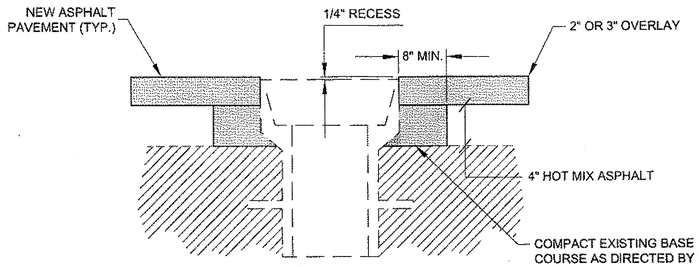
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

GRADING

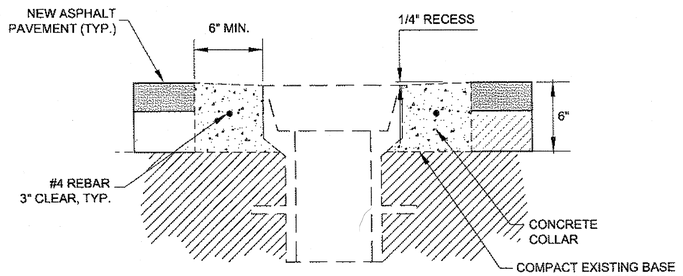
PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
G6	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16



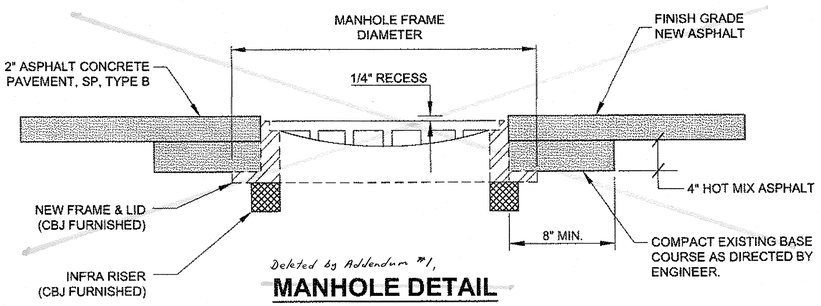
VALVE BOX ADJUSTMENT DETAIL

N.T.S.



MONUMENT CASE ADJUSTMENT DETAIL

N.T.S.



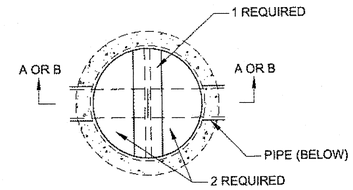
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MANHOLE DETAIL

N.T.S.

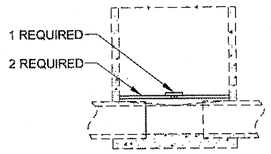
MANHOLE ADJUSTMENT NOTES

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



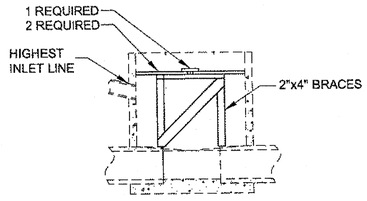
INVERT COVER PLAN

(INVERT COVER IN PLACE)



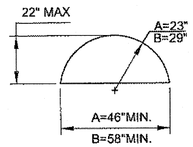
SECTION A-A

OPTION 1

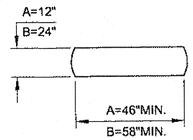


SECTION B-B

OPTION 2



2 REQUIRED



1 REQUIRED

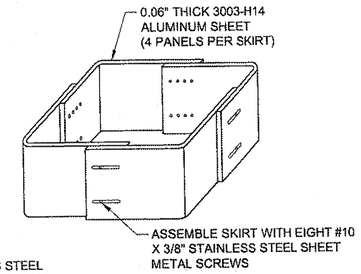
USE DIMENSION A FOR 48" MANHOLES
USE DIMENSION B FOR 60" MANHOLES

MANHOLE ADJUSTMENT CONSTRUCTION SEQUENCING NOTES

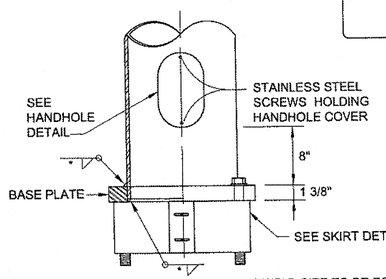
1. INSTALL INVERT COVER PER SECTION 604 OF THE SPECIAL PROVISIONS.
2. SAW CUT AND REMOVE FULL DEPTH OF EXISTING ASPHALT CONCRETE A MINIMUM OF 8" AROUND EXISTING MANHOLE FRAMES.
3. REMOVE EXISTING MANHOLE FRAMES AND LIDS. COORDINATE SALVAGE AND DELIVERY WITH CBJ SEWER DEPARTMENT.
4. INSTALL STEEL PLATE OVER MANHOLE OPENING AS A TEMPORARY MEASURE AND PAVE OVER THE TOP WITH TEMPORARY PAVEMENT FLUSH WITH EXISTING PAVEMENT SURFACE PRIOR TO COLD PLANING.
5. ~~AFTER COLD PLANING, REMOVE TEMPORARY PAVEMENT AND STEEL PLATE AND INSTALL NEW RISERS, FRAME AND LID.~~ ADJUST ~~FRAMES TO FINISHED GRADE. CBJ TO FURNISH NEW RISERS, FRAME AND LID.~~
6. ~~PRIOR TO FINAL PAVING, CONSTRUCT 4" OF HOT MIX ASPHALT (HMA) IN PAVEMENT REMOVAL AREA AROUND FRAME FLUSH WITH THE COLD PLANED SURFACE. CONSTRUCT HMA PER SECTION 401.~~
7. ~~CONSTRUCT FINAL ASPHALT CONCRETE OVERLAY IN ACCORDANCE WITH SECTION 401.~~

Deleted 5,6,7 per Addendum #1.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

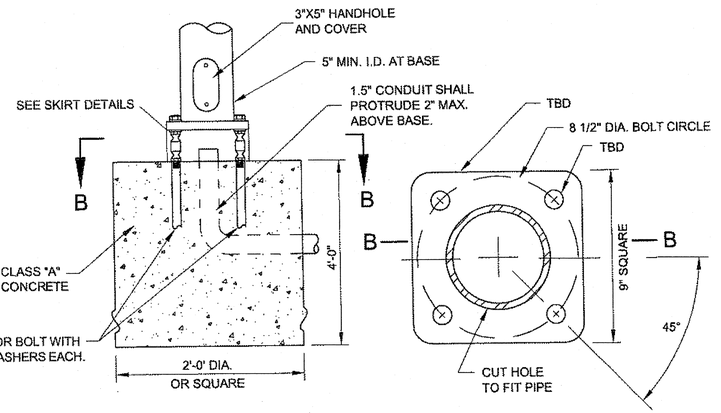


SKIRT DETAIL



* WELD SIZE TO BE DETERMINED BY MANUFACTURER

BASE ELEVATION



SIGNAL BASE POST TYPE "A"

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

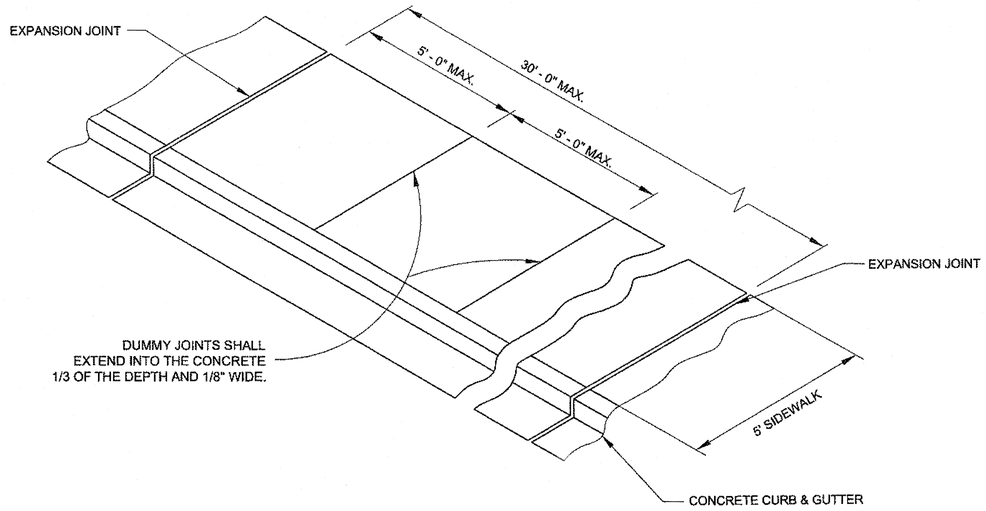
JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
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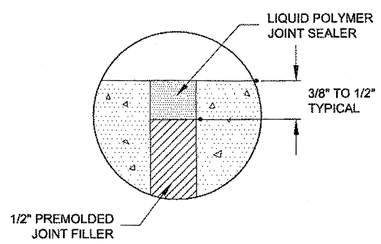
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	J1	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16



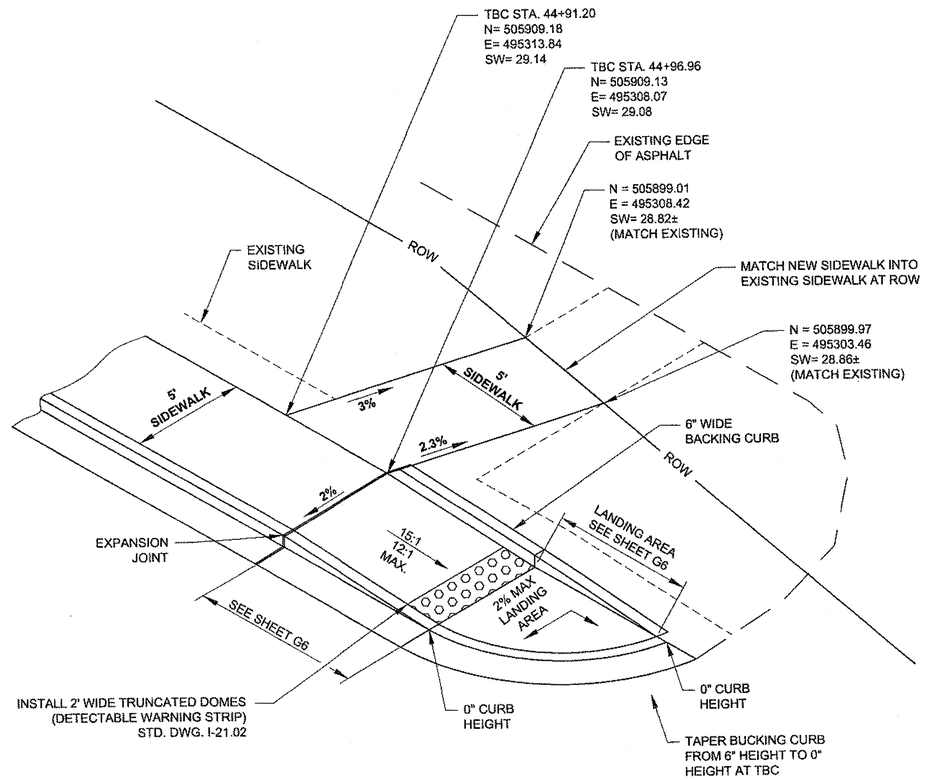
TYPICAL SIDEWALK, CURB & GUTTER DETAIL

N.T.S.



EXPANSION JOINT DETAIL

N.T.S.



ONE WAY DIRECTIONAL CURB RAMP (STA. 5+85 LT VINTAGE BLVD. ALIGNMENT)

N.T.S.

SIDEWALK, CURB & GUTTER NOTES

1. CONCRETE SIDEWALKS, CURB & GUTTER EXPANSION JOINTS SHALL BE PLACED IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB AND SIDEWALK CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
2. CONCRETE SIDEWALKS DUMMY JOINTS SHALL EXTEND INTO CONCRETE 1/3 THE DEPTH AND 1/8 WIDE AT 5' MAXIMUM INTERVALS BETWEEN EXPANSION JOINTS. CURB AND GUTTER DUMMY JOINTS SHALL BE SPACED AT 10' INTERVALS.
3. ALL JOINTS AND SEAMS SHALL BE EDGED.
4. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
5. CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
6. CURB AND GUTTER CONSTRUCTION SHALL MAINTAIN EXISTING FLOW LINE.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE Date 1/5/16

CHECKED BY: K. KARPSTEIN
STATE OF ALASKA — 49th — REGISTERED PROFESSIONAL ENGINEER — KEITH D. KARPSTEIN — CE-12904
1/5/16
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
TAB: J2 Thursday, September 05, 2013 1:03:16 PM GRANTHAM, RICK L (DOT)

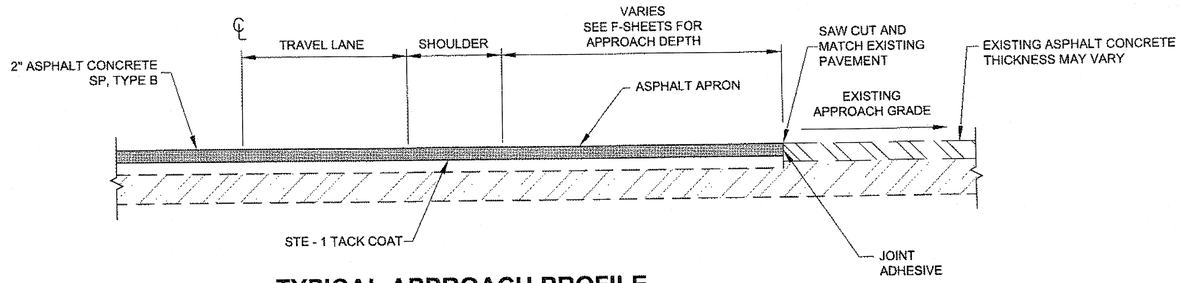
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

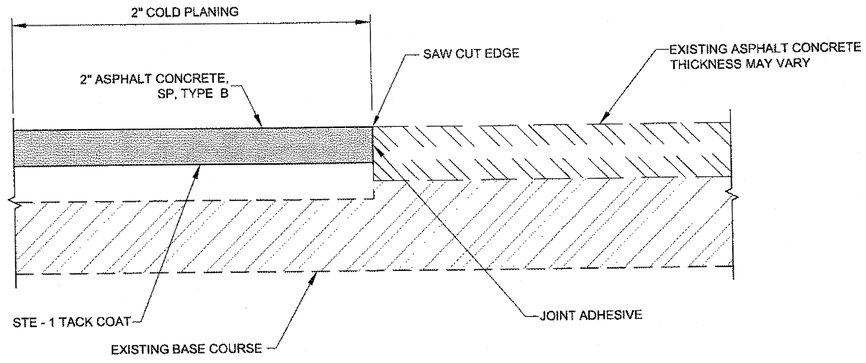
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	J2	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE Date 1/5/16



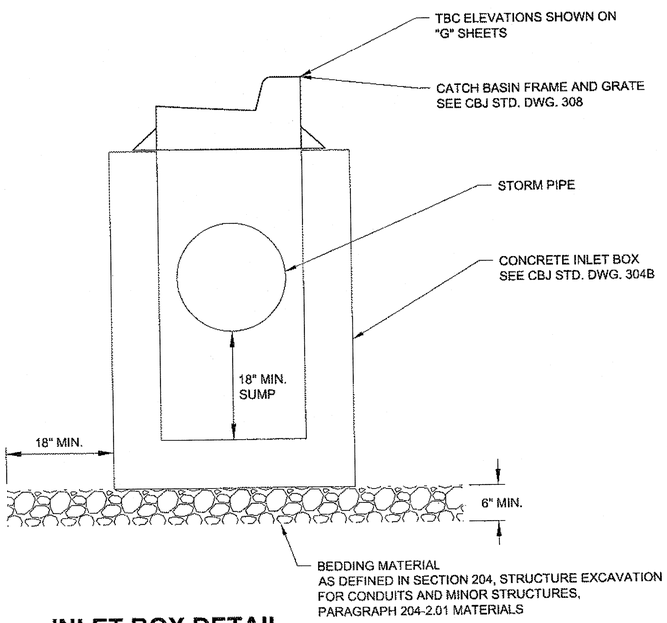
TYPICAL APPROACH PROFILE

N.T.S.



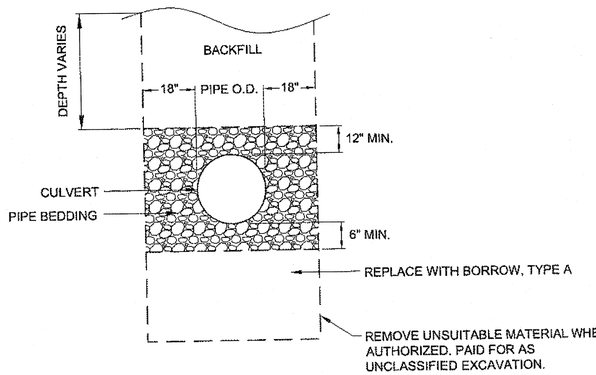
MATCH JOINT DETAIL

N.T.S.



INLET BOX DETAIL

N.T.S.



TYPICAL CULVERT BEDDING/BACKFILL SECTION

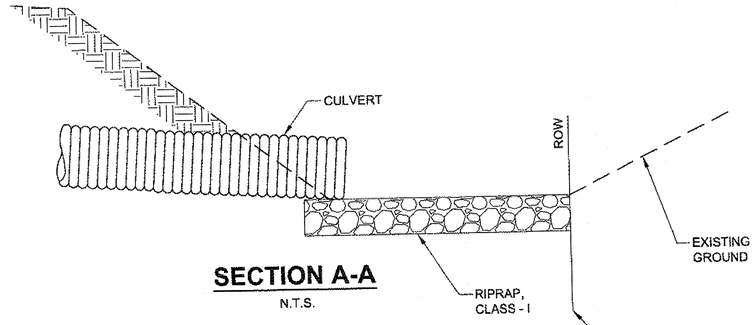
N.T.S.

GENERAL NOTES:

1. REPLACEMENT CULVERTS ARE TO BE INSTALLED AT SAME INVERT ELEVATION, GRADE, SKEW ANGLE, AND CHANNEL ALIGNMENT AS EXISTING PIPE UNLESS OTHERWISE DETAILED IN THESE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
2. NEW PIPE LENGTH SHALL MATCH EXISTING PIPE LENGTH UNLESS OTHERWISE DETAILED IN THESE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.

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

PE _____ Date 1/5/16

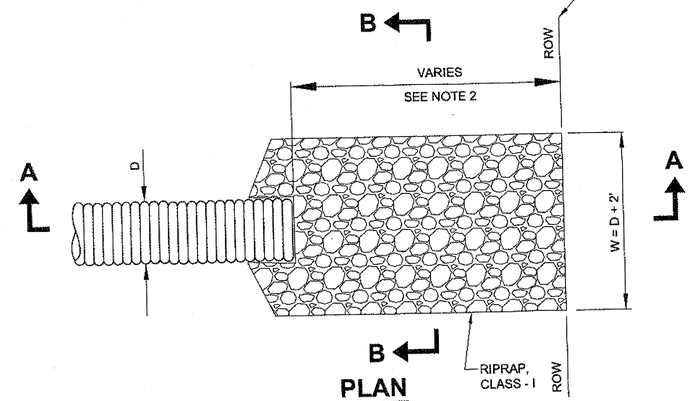


SECTION A-A

N.T.S.

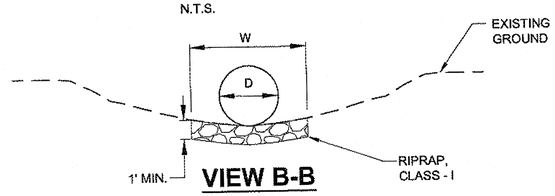
NOTES:

1. FOR CULVERT LOCATIONS AND REPLACEMENT SEE SHEET C2.
2. CONSTRUCT RIPRAP APRON MINIMUM 5' BEYOND OUTLET OR TO ROW, WHICHEVER IS LESS.



PLAN

N.T.S.



VIEW B-B

N.T.S.

RIPRAP LINED OUTLET APRON DETAIL

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KERRY D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
10/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG

TAB: J3 Tuesday, October 22, 2013 8:19:35 AM GRANTHAM, RICK L (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

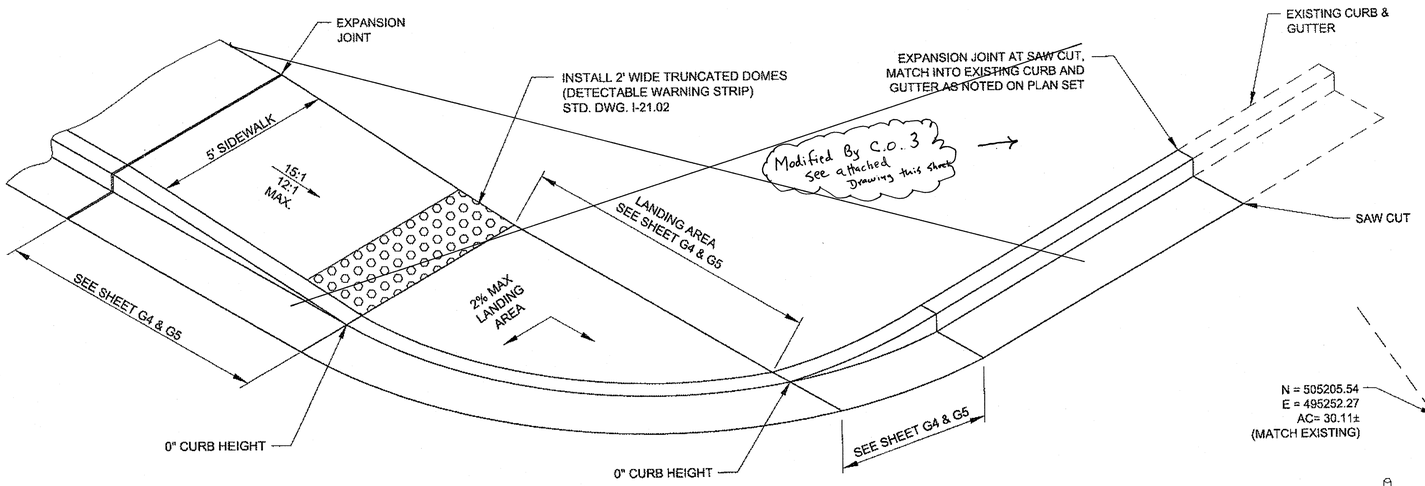
JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0967(7)~69527	2013	J3	40

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

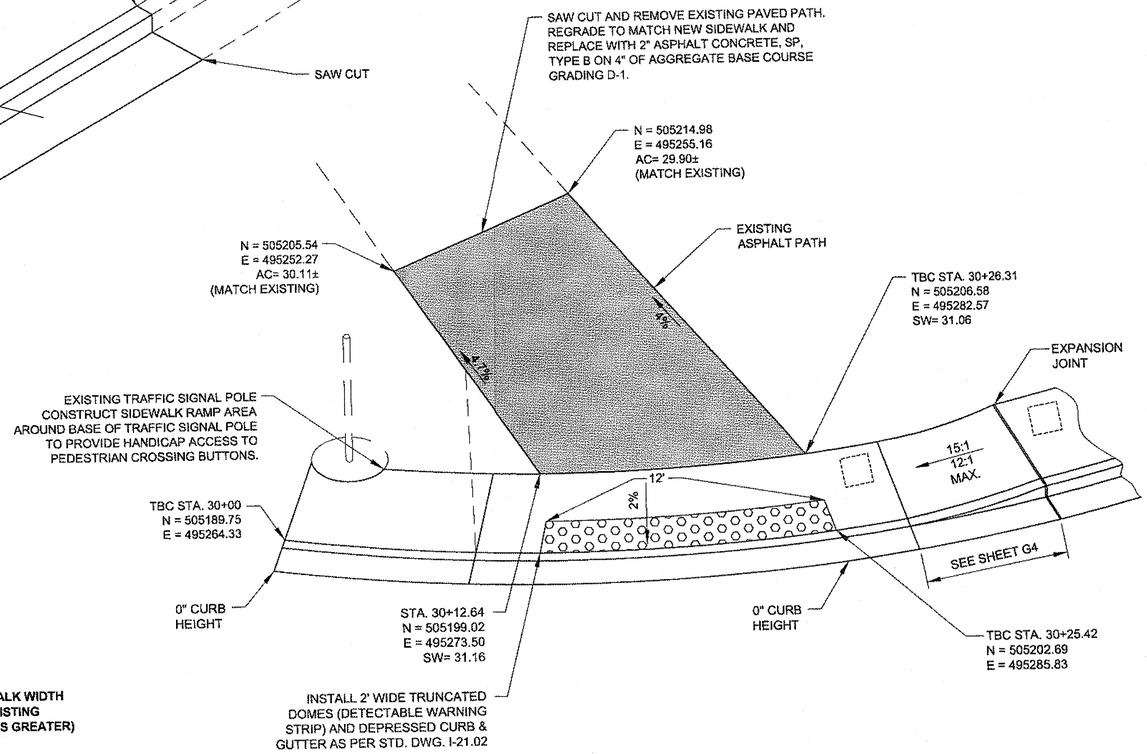
PE _____ Date 1/5/16



ONE WAY DIRECTIONAL CURB RAMP (Modified by C.O. 3)
(STA. 3+84 LT & STA. 4+62 LT RIVERSIDE DRIVE ALIGNMENT)

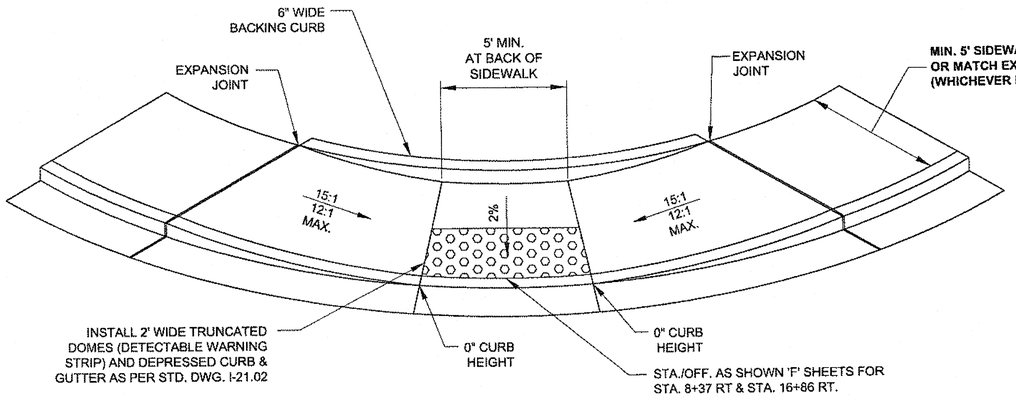
N.T.S.

* MIRROR IMAGE FOR STA. 4+62 LT INSTALLATION.



CURB RAMP
(STA. 0+40 LT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.



PARALLEL CURB RAMP
(STA. 7+21 LT & STA. 8+37 RT & 16+86 RT & 8+32 LT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.

* SEE SHEETS G5 AND G6 FOR RAMP AND LANDING STATION AND ELEVATION DATA FOR RAMPS AT STA. 7+21 LT & STA. 8+32 LT.

SIDEWALK, CURB & GUTTER NOTES

1. CONCRETE SIDEWALKS, CURB & GUTTER EXPANSION JOINTS SHALL BE AT EACH END OF CURB RETURNS AND IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
2. FOR TEXTURE PATTERN DETAIL AND DIMENSIONS REFER TO AK STD. DRAWING I-21.02.
3. FOR RAMPS, WHEN "CHASING GRADE", RAMP LENGTH NEED NOT EXCEED 15', BUT SLOPE MUST BE UNIFORM.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN
STATE OF ALASKA KEITH B. KARPSTEIN CE-12904 REGISTERED PROFESSIONAL ENGINEER 9/5/13
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
TAB: J4 Thursday, September 05, 2013 1:05:49 PM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

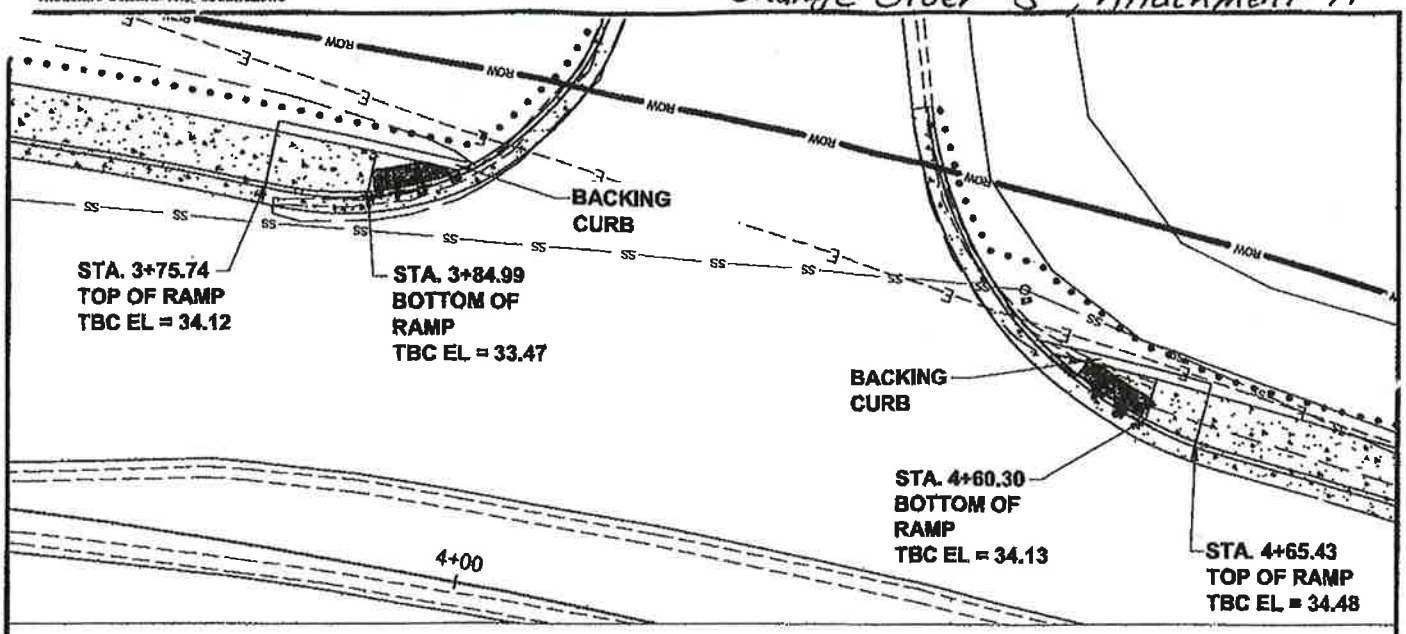
JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

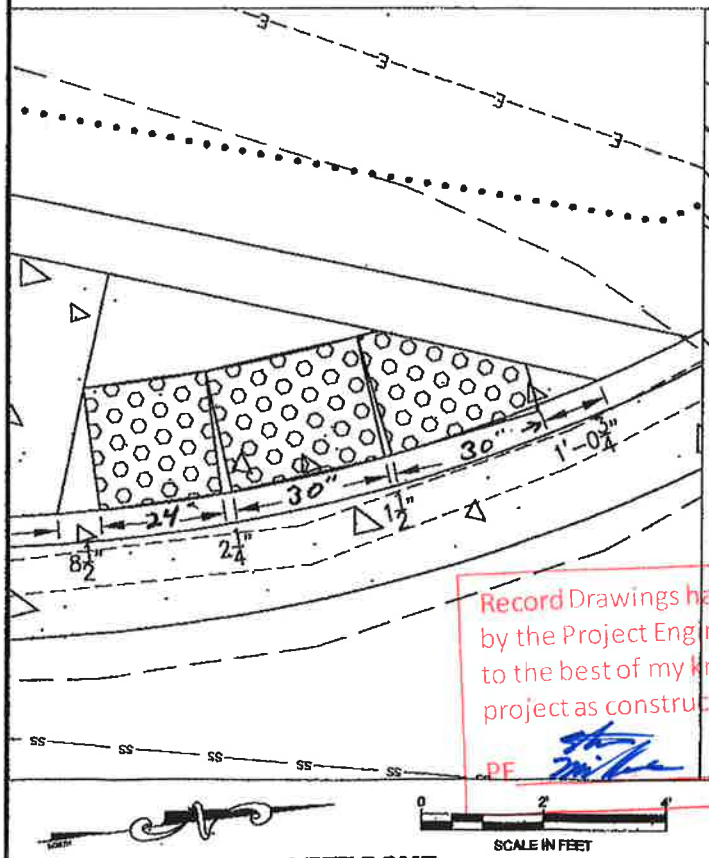
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0967(7)~69527	2013	J4	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16

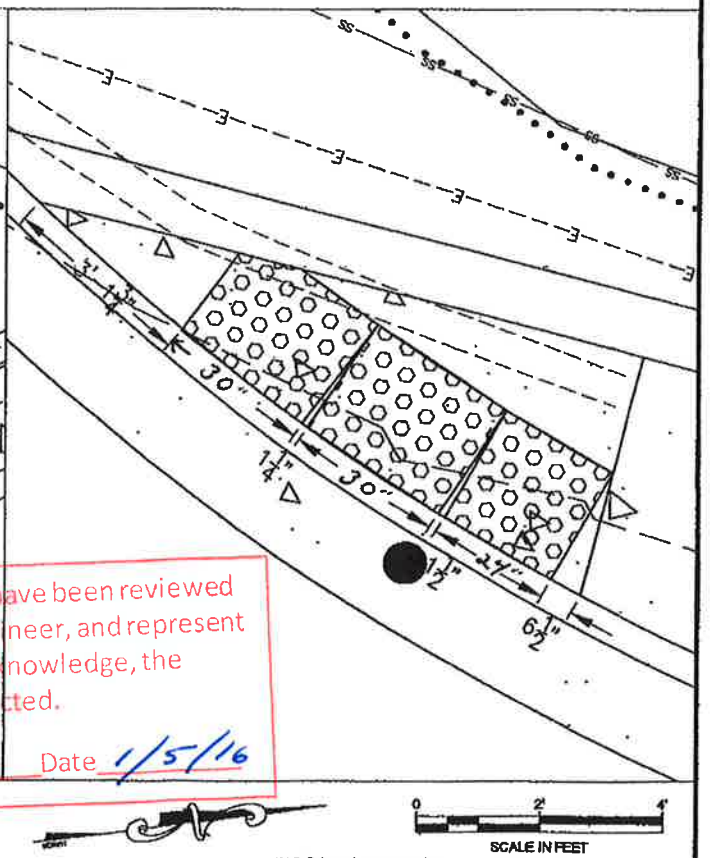
Change Order #3, Attachment "A"



PLAN VIEW



LEFT DOME DETAIL



RIGHT DOME DETAIL

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

PE _____ Date 1/5/16

ADJACENT PROPERTY OWNERS:

DOT&PF
P.O. BOX 112506
JUNEAU, AK 99811-2506

STATE OF ALASKA
DEPT OF NATURAL RESOURCES
400 WILLOUGHBY AVENUE
JUNEAU, AK 99801

WATER BODIES:
PORTLAND CANAL

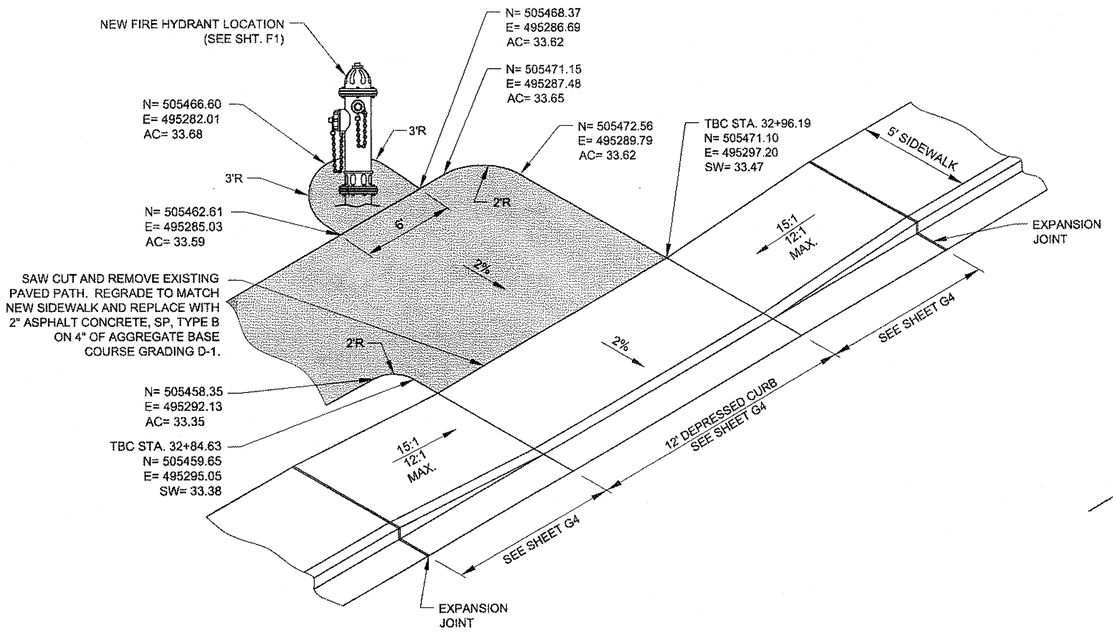
DOME DETAIL

APPLICATION BY:
ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION EGAN DRIVE TO JAMES BLVD.
PROJECT #68527
AT: JUNEAU, ALASKA

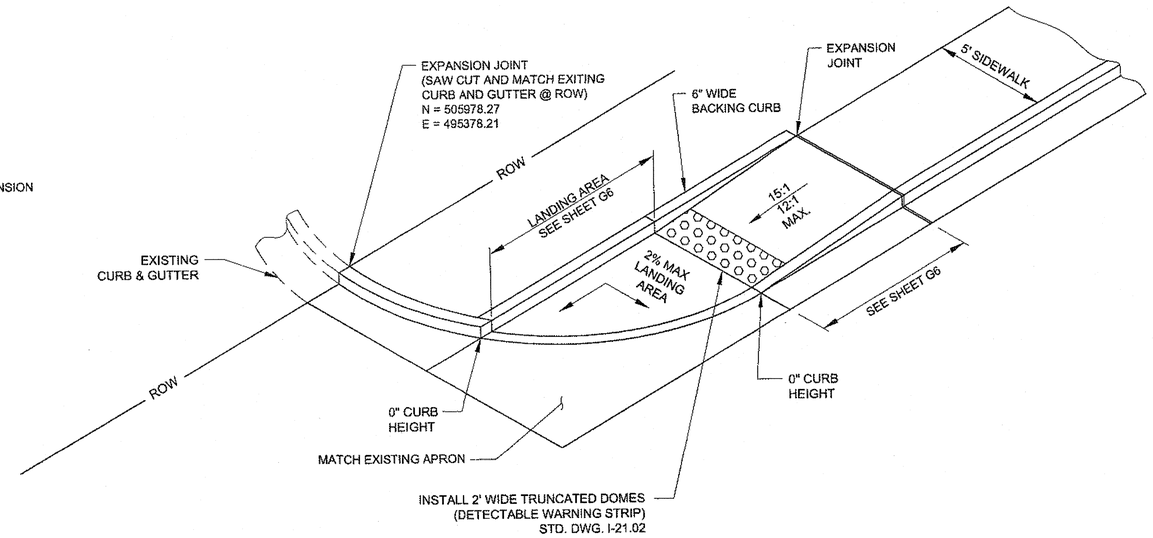
DATE: 2014

SHEET CURB OF 1



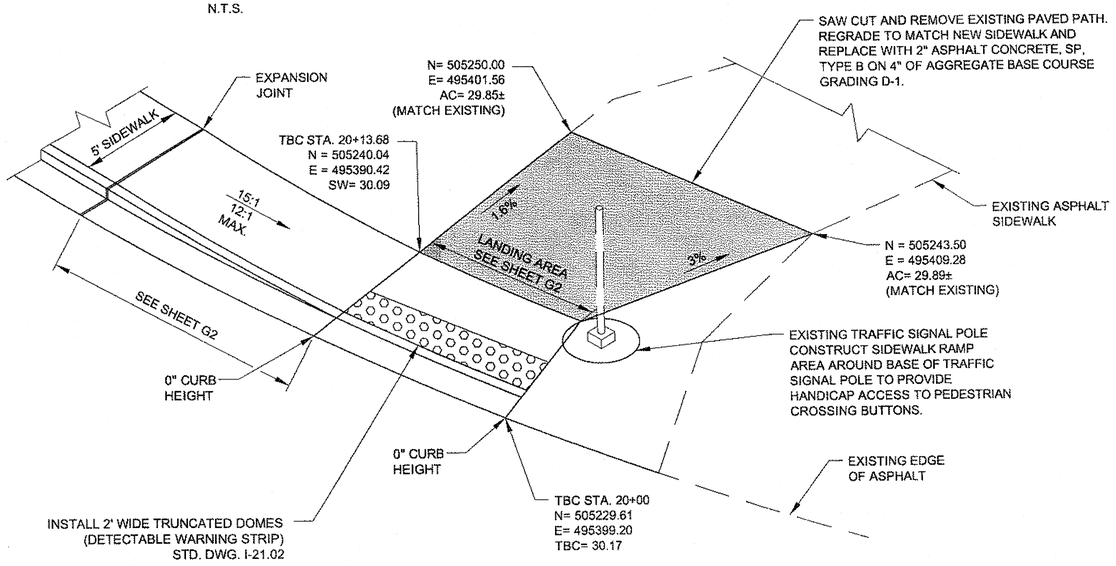
DEPRESSED CURB & SIDEWALK
(STA. 2+97 LT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.



ONE WAY DIRECTIONAL CURB RAMP
(STA. 5+04 RT VINTAGE BLVD. ALIGNMENT)

N.T.S.



ONE WAY DIRECTIONAL CURB RAMP
(STA. 0+66 RT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.

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

PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

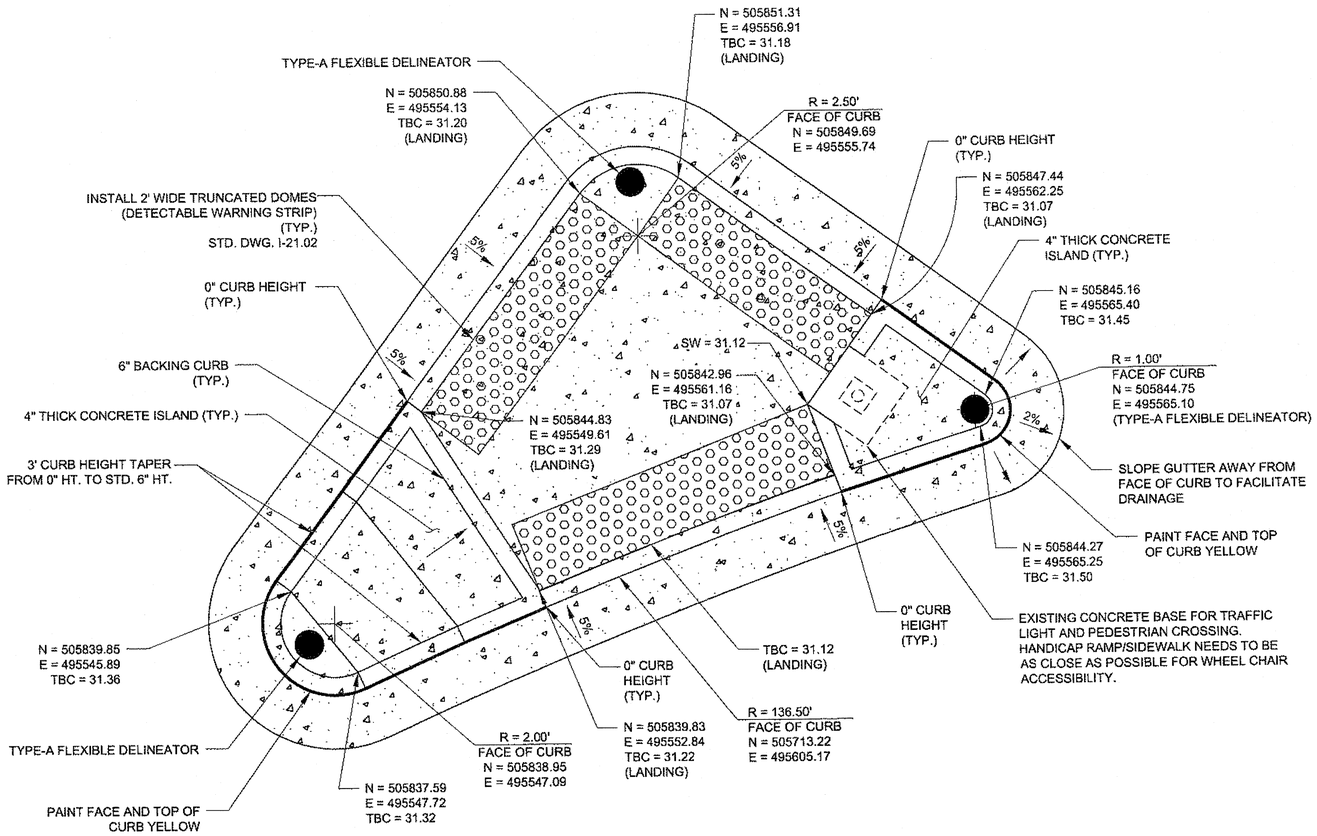
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
TAB: J5 Tuesday, October 22, 2013 8:34:14 AM GRANTHAM, RICK L (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0967(7)~69527	2013	J5	40

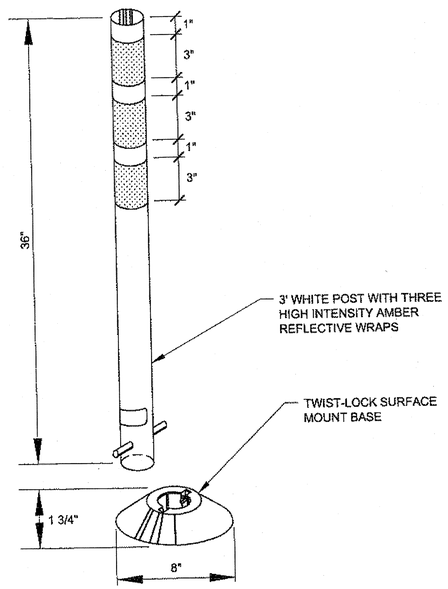
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.

PE _____ Date 1/5/16



PEDESTRIAN REFUGE ISLAND #1

N.T.S.



TYPE-A FLEXIBLE DELINEATOR

FLEXIBLE DELINEATOR NOTES:

1. DELINEATORS SHALL BE INSTALLED AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. DELINEATORS SHALL BE WHITE IN COLOR. DELINEATORS INSTALLED ON OUTSIDE SHOULDERS SHALL HAVE WHITE REFLECTIVE SHEETING. DELINEATORS INSTALLED ON MEDIAN SHOULDERS SHALL HAVE YELLOW REFLECTIVE SHEETING.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 1/5/16

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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

10/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG

TAB: J6 Wednesday, October 23, 2013 8:23:36 AM GRANTHAM, RICK L (DOT)

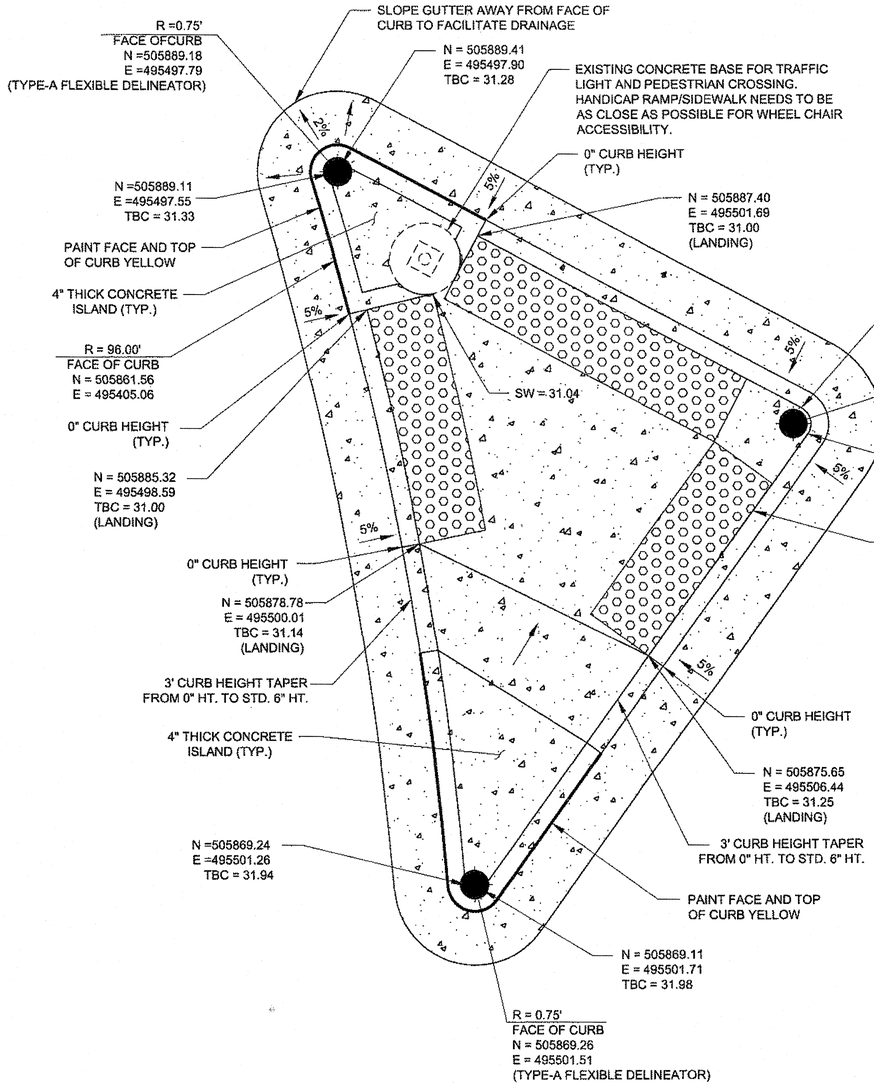
JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	J6	40

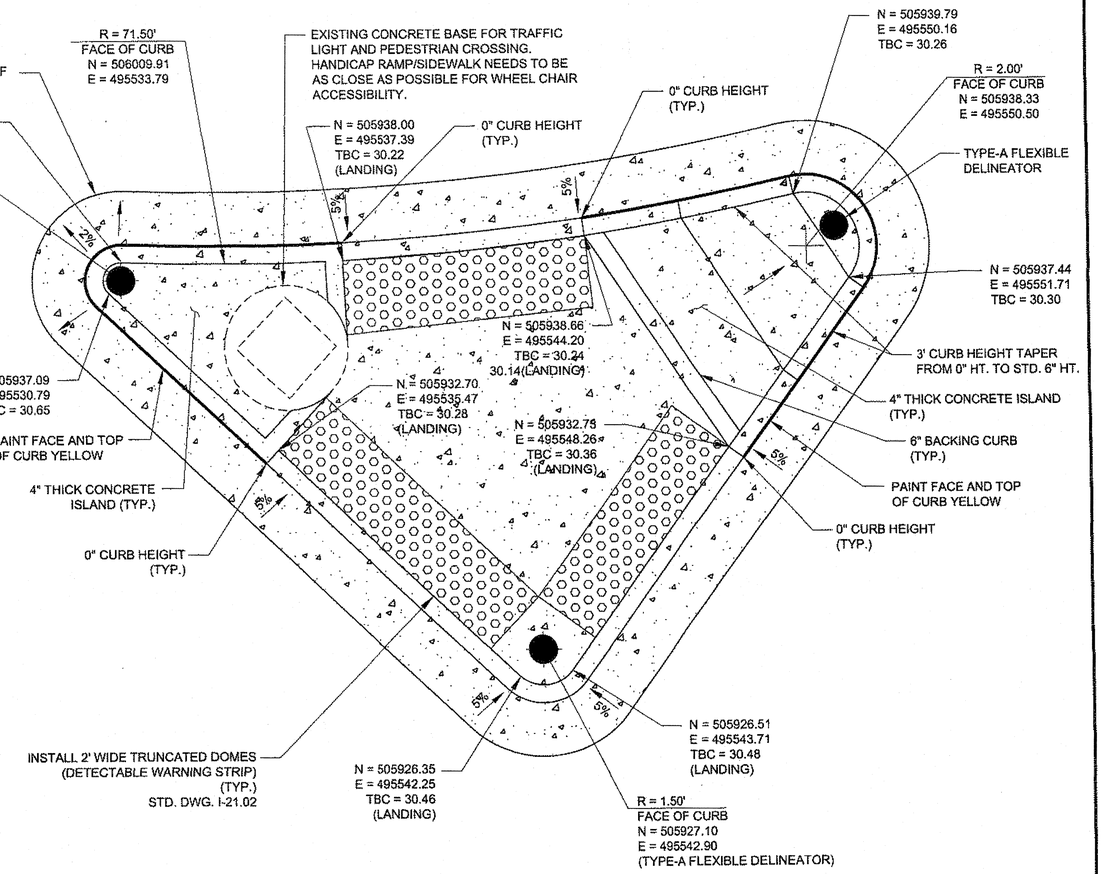
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.

PE _____ Date 1/5/16



PEDESTRIAN REFUGE ISLAND #2

N.T.S.



PEDESTRIAN REFUGE ISLAND #3

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 1/5/16

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

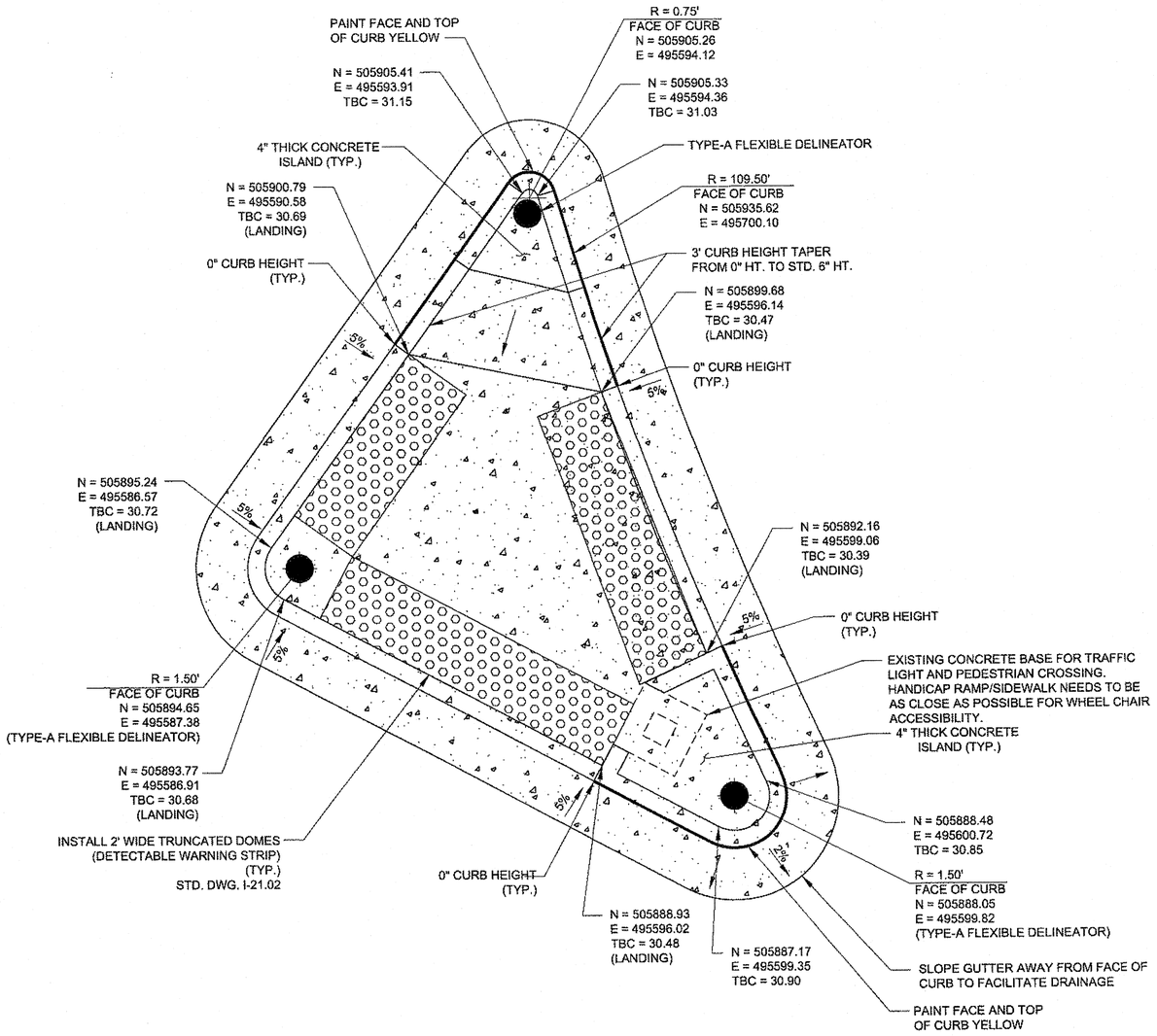
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM

PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
TAB: J7 Wednesday, October 23, 2013 8:20:14 AM GRANTHAM, RICK L (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
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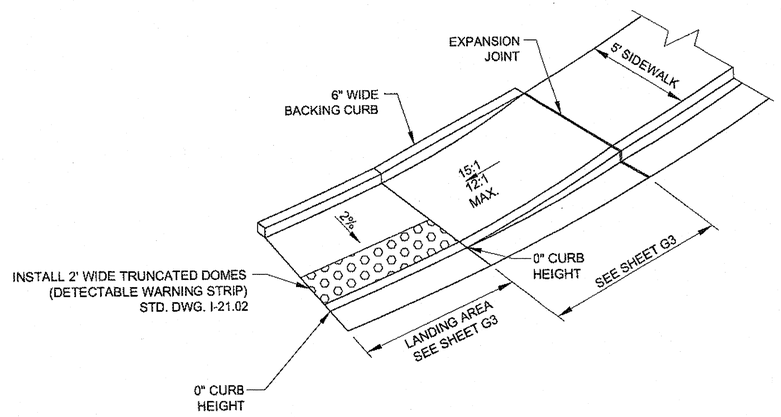
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.

PE _____ Date 1/5/16



PEDESTRIAN REFUGE ISLAND #4

N.T.S.



CURB RAMP (STA. 7+30 RT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 1/5/16

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
49th
KEITH B. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
10/23/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

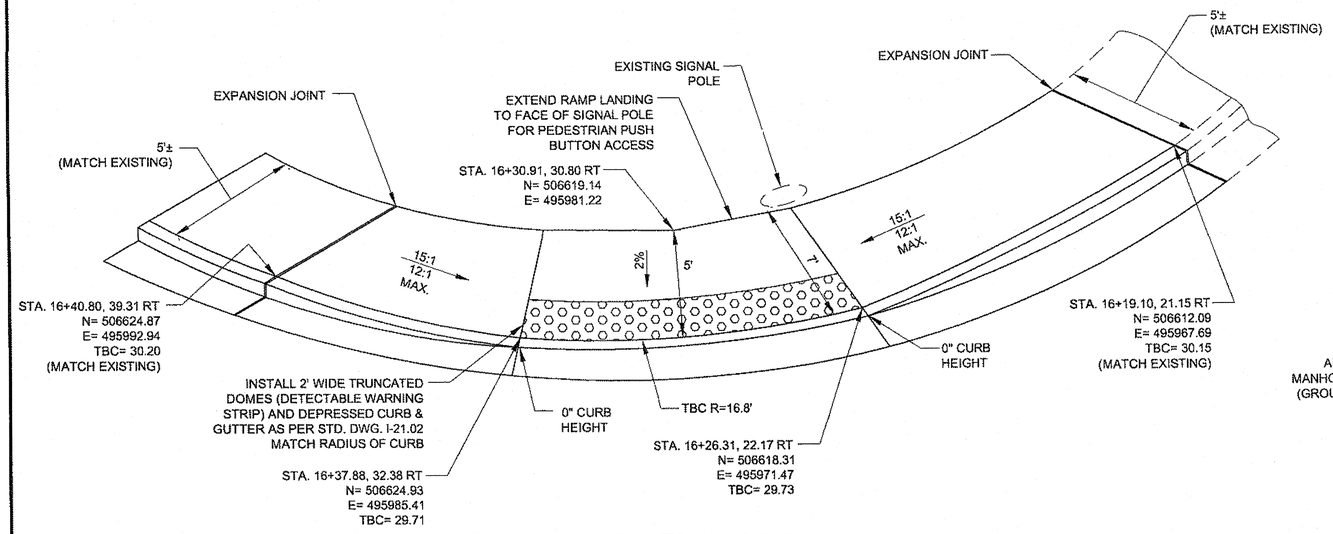
PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
TAB: J8 Wednesday, October 23, 2013 8:20:55 AM GRANTHAM, RICK L (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0967(7)~69527	2013	J8	40

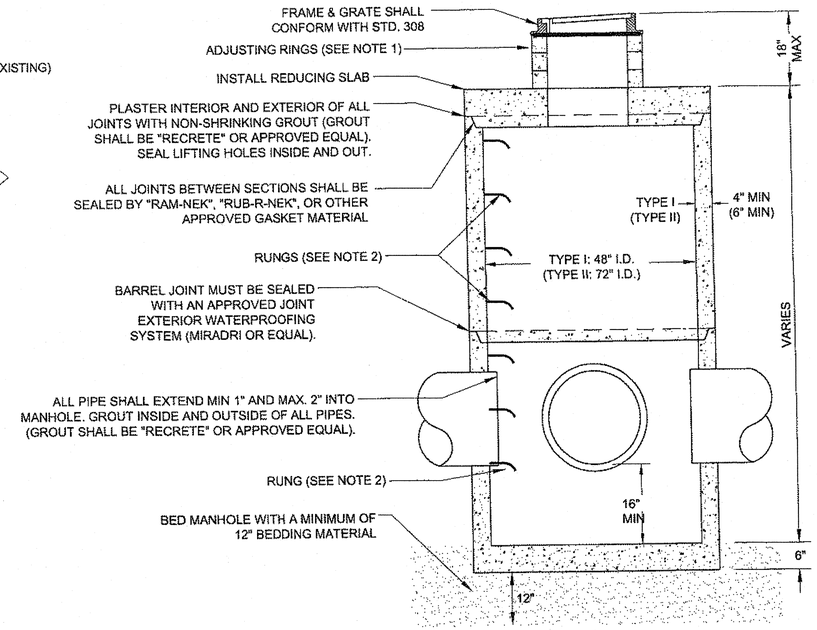
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.

PE _____ Date 1/5/16



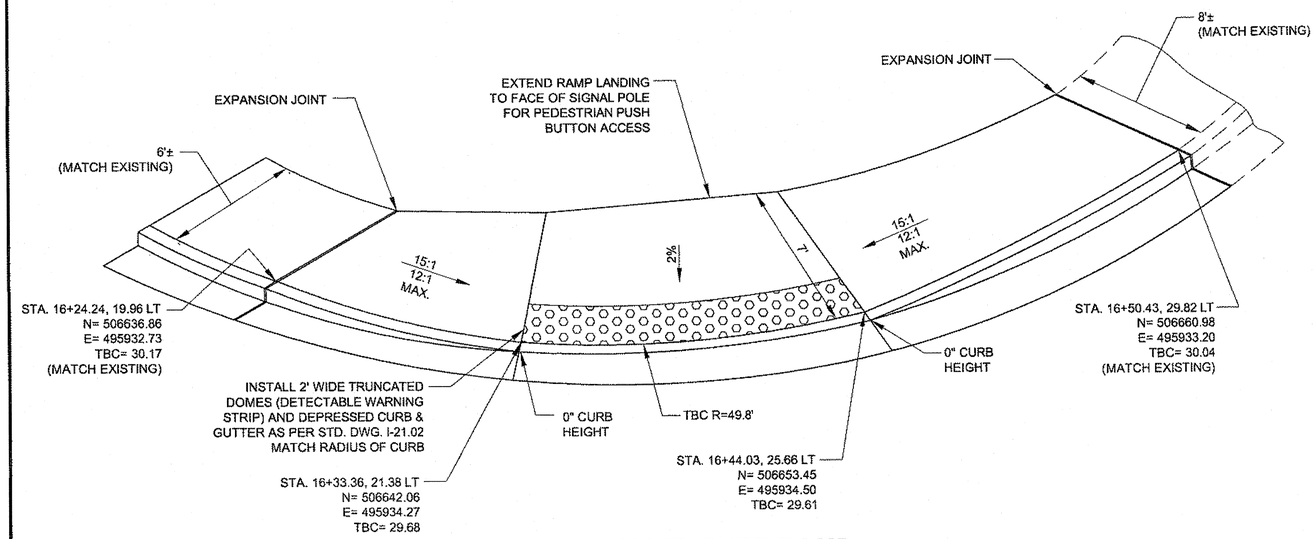
PARALLEL CURB RAMP
(STA. 16+34 RT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.



STORM DRAIN MANHOLE
TYPES I & II

N.T.S.



PARALLEL CURB RAMP
(STA. 16+39 LT RIVERSIDE DRIVE ALIGNMENT)

N.T.S.

NOTES

1. FRAME SHALL BE SET ON SOLID RISER OR FORMED AND POURED IN PLACE USING CONCRETE MEETING THE REQUIREMENTS OF CLASS A CONCRETE IN SECTION 501. NO BRICKS, WOOD, STONES, ADJUSTING RINGS OR OTHER GRADE ADJUSTMENT DEVICES SHALL BE USED. TEMPORARY FORM WORK SHALL BE CONSTRUCTED TO PROVIDE A SMOOTH INSIDE EXPOSED SURFACE FREE OF VOIDS AND PROJECTIONS. THE CONSTRUCTED FRAME SUPPORT MUST MATCH THE INTERIOR OF THE FRAME INSTALLED AS APPROVED BY THE ENGINEER.
2. RUNGS TO BE PLACED 12" O.C. ON UNOBSTRUCTED SIDE OF MANHOLE. LAST RUNG SHALL BE 18" MAX FROM BOTTOM OF MANHOLE, AND TOP RUNG SHALL BE 6" MAXIMUM FROM TOP OF CONE. IF UNOBSTRUCTED SIDE NOT AVAILABLE, LAST RUNG SHALL BE PLACED 6" OVER SMALLEST PIPE.
3. SECTION IS CONNECTED WITH BASE.
4. BLOCKOUTS MUST BE FORMED.
5. FOR TYPE I MANHOLE, PRIMARY LEADS SHALL NOT EXCEED 30" C.M.P. OR 27" R.C.P. WITH INCLUDED ANGLE BETWEEN LEADS NO LESS THAN 135° OR PRIMARY LEAD NOT TO EXCEED 24" C.M.P. OR 21" R.C.P. WITH INCLUDED ANGLE LESS THAN 135°.
6. FOR TYPE II MANHOLE, PRIMARY LEADS SHALL NOT EXCEED TWO 42" C.M.P. OR 36" R.C.P. WITH INCLUDED ANGLE BETWEEN LEADS NO LESS THAN 135° OR PRIMARY LEADS NOT TO EXCEED TWO 36" C.M.P. OR R.C.P. WITH INCLUDED ANGLE BETWEEN LEADS LESS THAN 135°.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA
KEITH D. KARPSTEIN
CE-12904
REGISTERED PROFESSIONAL ENGINEER
10/23/13

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

MISC DETAILS

PATH: Q:\JNU\69527\PLANSET\69527_J1-9_MISC DETS.DWG
TAB: J9 Wednesday, October 23, 2013 8:22:38 AM GRANTHAM, RICK L (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0967(7)~69527	2013	J9	40

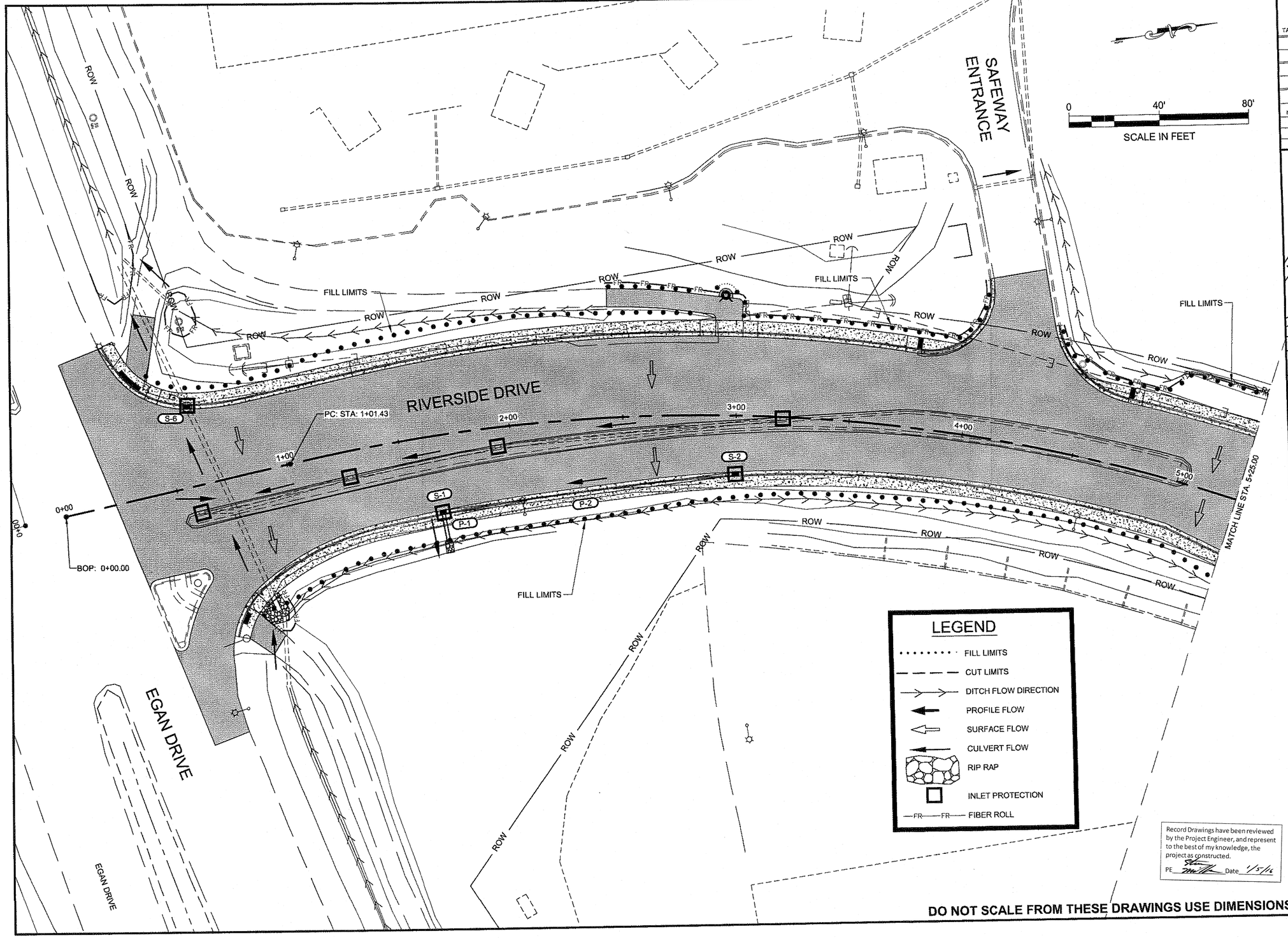
Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16

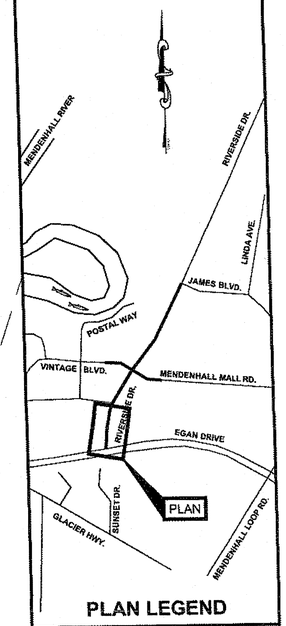
PATH: Q:\JNU\69527\PLANSET\69527_P1-4_ERO-SED.DW

GRANTHAM, RICK L (DOT)
TAB: P1 Thursday, September 05, 2013 2:57:30 P

ADDENDUM NUMBER
ATTACHMENT NUMBER
RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

EROSION & SEDIMENT CONTROL PLANS

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
P1	40

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

PE Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_P1-4_ERO-SED.DW

GRANTHAM, RICK L (DOT)
TAB: P2 Thursday, September 05, 2013 2:57:25 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

VINTAGE BLVD

FILL LIMITS

CUT LIMITS

PT: STA: 4+80.62

PC: STA: 4+16.35

PT: STA: 6+40.47

PC: STA: 9+80.95

RIVERSIDE DRIVE

MENDENHALL MALL ROAD

PT: STA: 2+25.12

PC: STA: 1+29.12

MATCH LINE STA. 5+25.00

MATCH LINE STA. 10+50.00

S-3 S-4 S-5 S-6 S-7

P-3 P-4 P-5 P-6

0 40' 80'

SCALE IN FEET

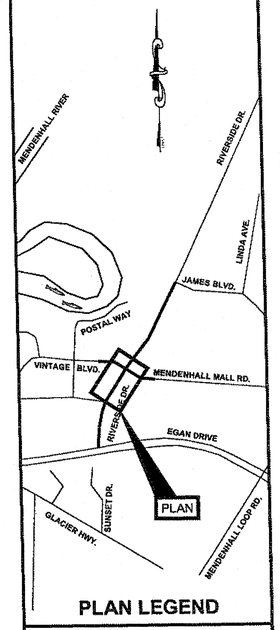
LEGEND

- FILL LIMITS
- CUT LIMITS
- DITCH FLOW DIRECTION
- PROFILE FLOW
- SURFACE FLOW
- CULVERT FLOW
- RIP RAP
- INLET PROTECTION
- FIBER ROLL

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

PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

EROSION & SEDIMENT CONTROL PLANS

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
P2	40

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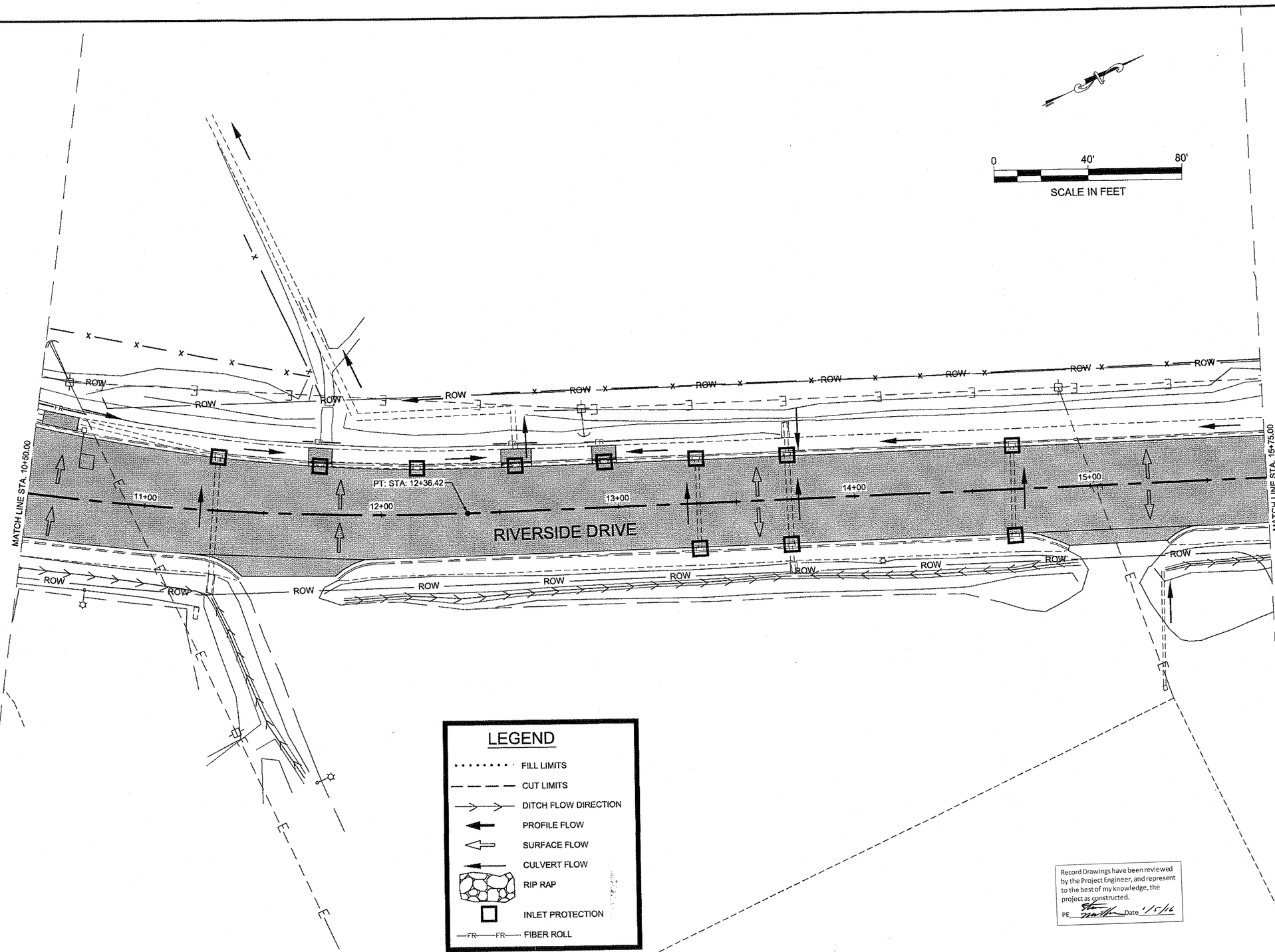
GRANTHAM, RICK L (DOT)
TAB: P3 Thursday, September 05, 2013 2:57:31 P

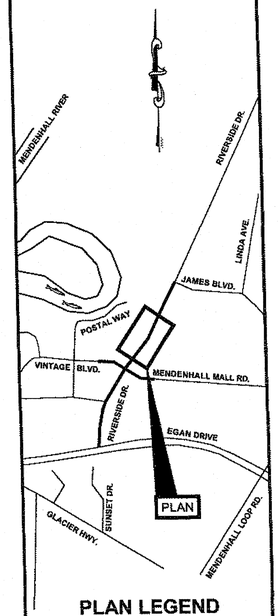
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION





PLAN LEGEND

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

EROSION & SEDIMENT CONTROL PLANS

PROJECT DESIGNATION

STP-0967(7)~69527

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
P3	

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

PE Date 1/5/14

PATH: Q:\JNU\69527\PLANSET\69527_P1-4_ERO-SED.DW

GRANTHAM, RICK L (DOT)
TAB: P4 Thursday, September 05, 2013 2:57:56 P

ADDENDUM NUMBER

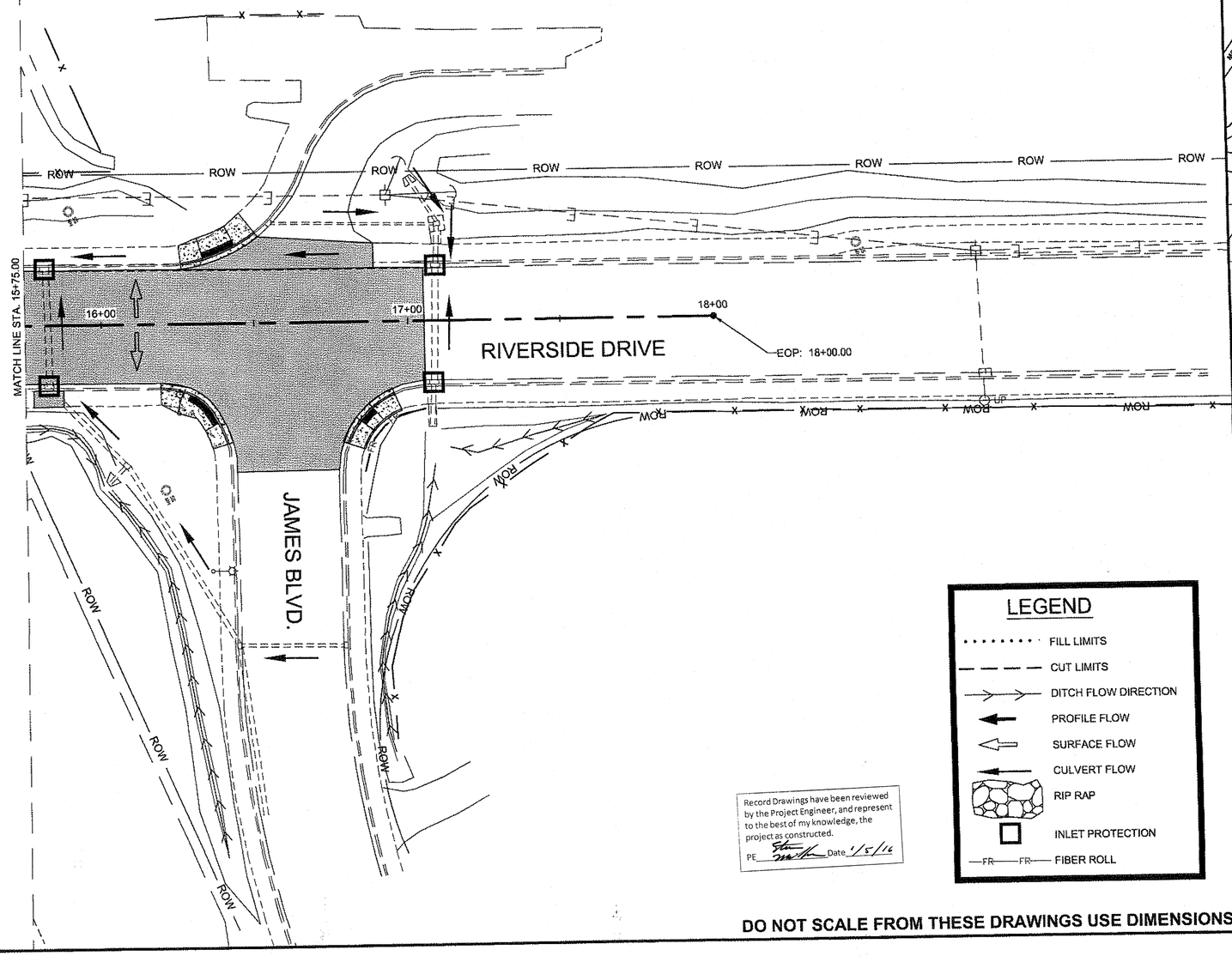
ATTACHMENT NUMBER

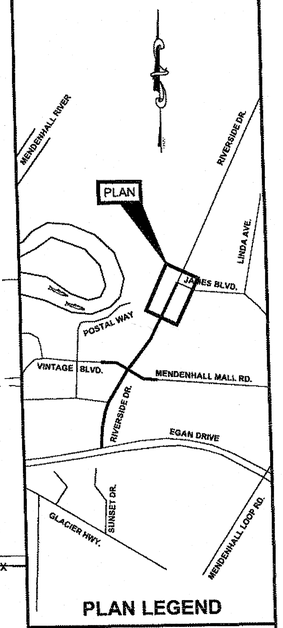
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

0 40' 80'

SCALE IN FEET





PLAN LEGEND

LEGEND

- FILL LIMITS
- CUT LIMITS
- DITCH FLOW DIRECTION
- PROFILE FLOW
- SURFACE FLOW
- CULVERT FLOW
- RIP RAP
- INLET PROTECTION
- FIBER ROLL

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

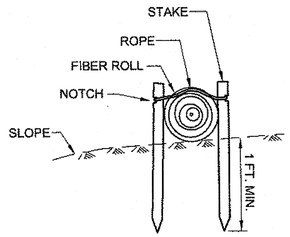
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

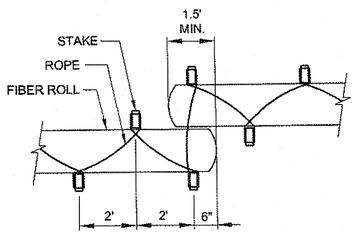
EROSION & SEDIMENT CONTROL PLANS

PROJECT DESIGNATION	
STP-0967(7)~69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
P4	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16



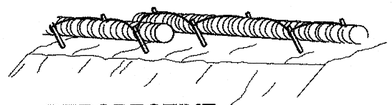
SECTION



PLAN

FIBER ROLL (TYPE 2)

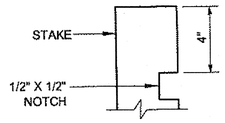
N.T.S.



PERSPECTIVE

FIBER ROLL (TYPE 2)

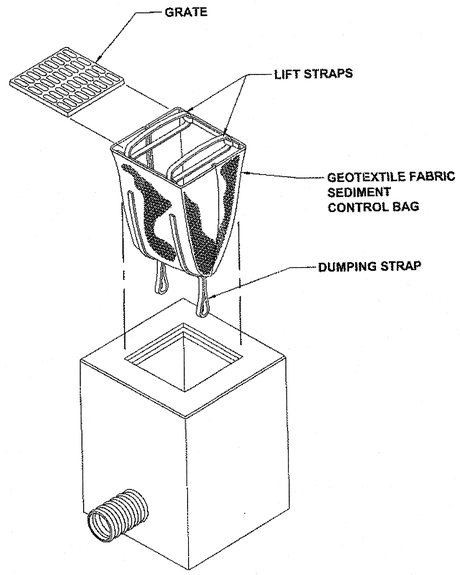
N.T.S.



STAKE TYPE 2

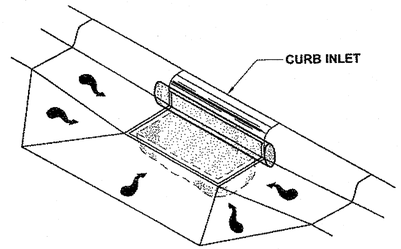
TYPICAL FIBER ROLL DETAIL

N.T.S.



INLET PROTECTION DETAIL

N.T.S.



INLET PROTECTION DETAIL

N.T.S.

CURB INLET PROTECTION TABLE		
STATION	OFFSET	REMARKS
RIVERSIDE DRIVE ALIGNMENT		
0+58	RT	
0+63	LT	
1+26	RT	
1+65	RT	
1+94	RT	
3+00	RT	
3+21	RT	
4+50	RT	
5+58	RT	
6+65	RT	
9+53	LT	
11+30	LT	
11+74	LT	
12+15	LT	
12+58	LT	
12+95	LT	
13+34	LT	
13+34	RT	
13+73	LT	
13+73	RT	
14+67	RT	
14+68	LT	
15+82	LT	
15+83	RT	
17+08	RT	
17+09	LT	
VINTAGE BLVD. ALIGNMENT		
4+71	LT	
4+98	LT	
6+03	LT	

NOTES:

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

EROSION & SEDIMENT CONTROL NOTES:

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

INLET PROTECTION INSTALLATION AND MAINTENANCE

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

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

PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

EROSION AND SEDIMENT CONTROL DETAILS

PATH: C:\JNU\69527\PLANSET\69527_P5_ESC_DETS.DWG
TAB: P5 Wednesday, September 04, 2013 3:44:35 PM GRANTHAM, RICK L (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7) ~ 69527	2013	P5	40

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

PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_R1-4_SIGN-STRIPE.DWG

GRANTHAM, RICK L (DOT)
TAB: R1 Thursday, September 05, 2013 9:54:32 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SCALE IN FEET
0 40' 80'

ROW

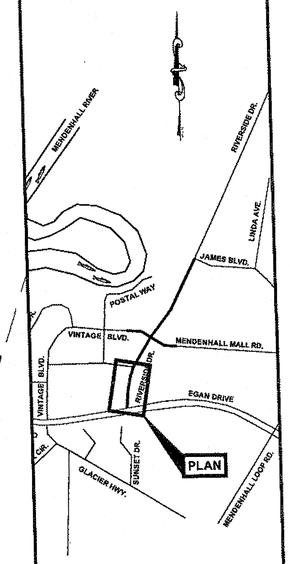
BIKE SYMBOL WITH ARROW (TYP.)
4" WHITE
8" WHITE
24" WHITE (TYP.)
MATCH INTO EXISTING STRIPING
STA. 2+21
STA. 2+89
PC: STA. 1+01.43
12'
5'
12'1 (VARIES)
RIVERSIDE DRIVE
0+00
1+00
2+00
3+00
4+00
55+00
10'
(TYP.)
REFER TO STD. DWG. T-20.03
MATCH INTO EXISTING STRIPING
REFER TO STD DWG T-21.03 & T-22.03 FOR SIZE AND LOCATION (TYP.)
BIKE SYMBOL WITH ARROW (TYP.)
MATCH LINE STA. 0+00.00

1 YIELD R1-2
2 3 R4-7 OM4-1
4 SPEED LIMIT 35 R2-1
5 ONLY ONLY ONLY R3-8L/L/R
6 NO PARKING ANY TIME R7P-101
7 STOP R1-1
8 Riverside Dr D3-1
9 R3-2
10 NO PARKING ANY TIME R7P-101L/R
11 R4-7
12 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
9.5.13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

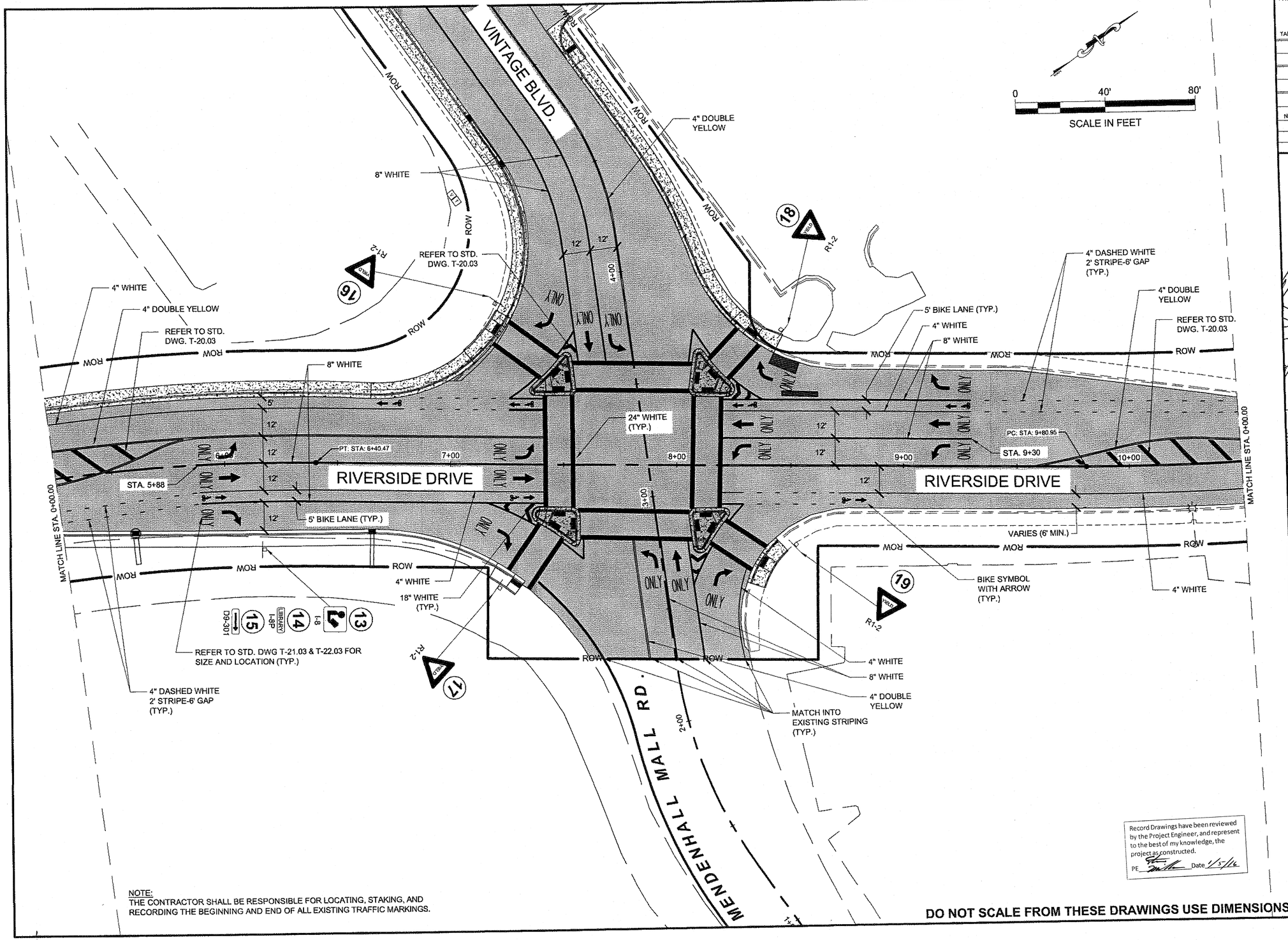
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SIGNING & STRIPING PLAN

PROJECT DESIGNATION	
STP-0967(7) ~ 69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R1	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16



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PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_R1-4_SIGN-STRIPE.DWG

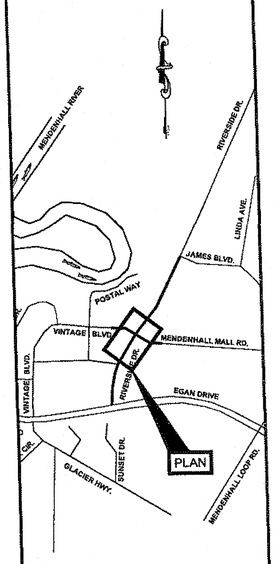
GRANTHAM, RICK L (DOT)
TAB: R2 Thursday, September 05, 2013 9:54:38 A

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
49th
DAVID B. EPSTEIN
CE-8866
REGISTERED PROFESSIONAL ENGINEER
9-5-13

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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SIGNING & STRIPING PLAN

PROJECT DESIGNATION	
STP-0967(7) ~ 69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R2	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16

PATH: Q:\JNU\69527\PLANSET\69527_R1-4_SIGN-STRIPE.DWG

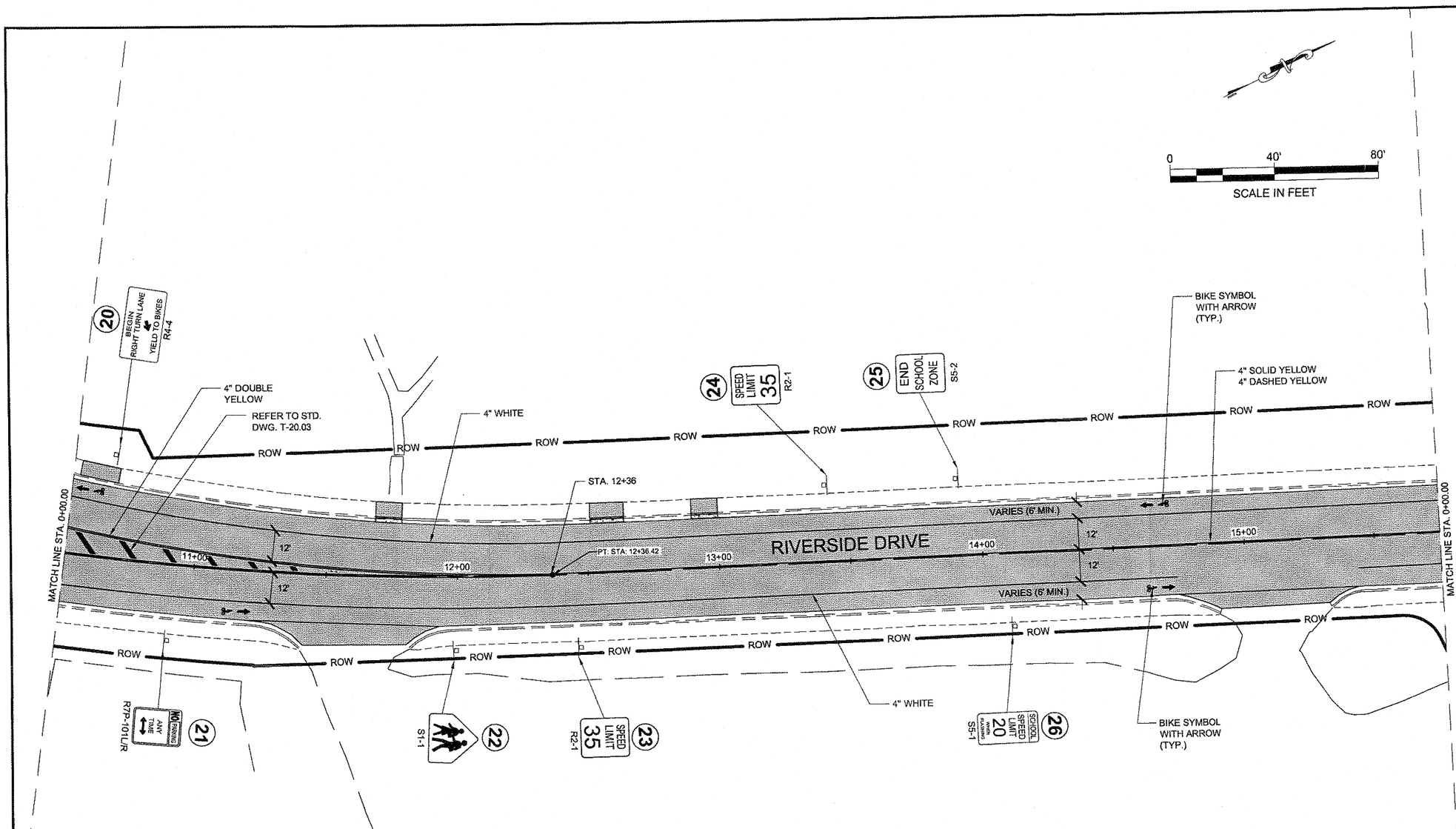
GRANTHAM, RICK L (DOT)
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

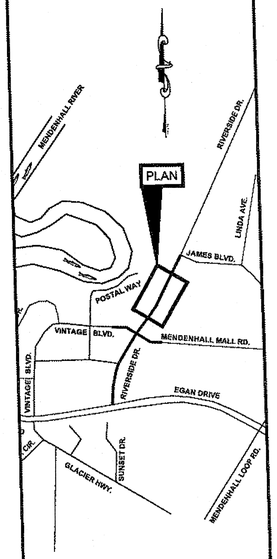


NOTE:
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DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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

PE _____ Date 1/5/16



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID B. EPSTEIN
CE-8866
REGISTERED PROFESSIONAL ENGINEER
9.5.13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

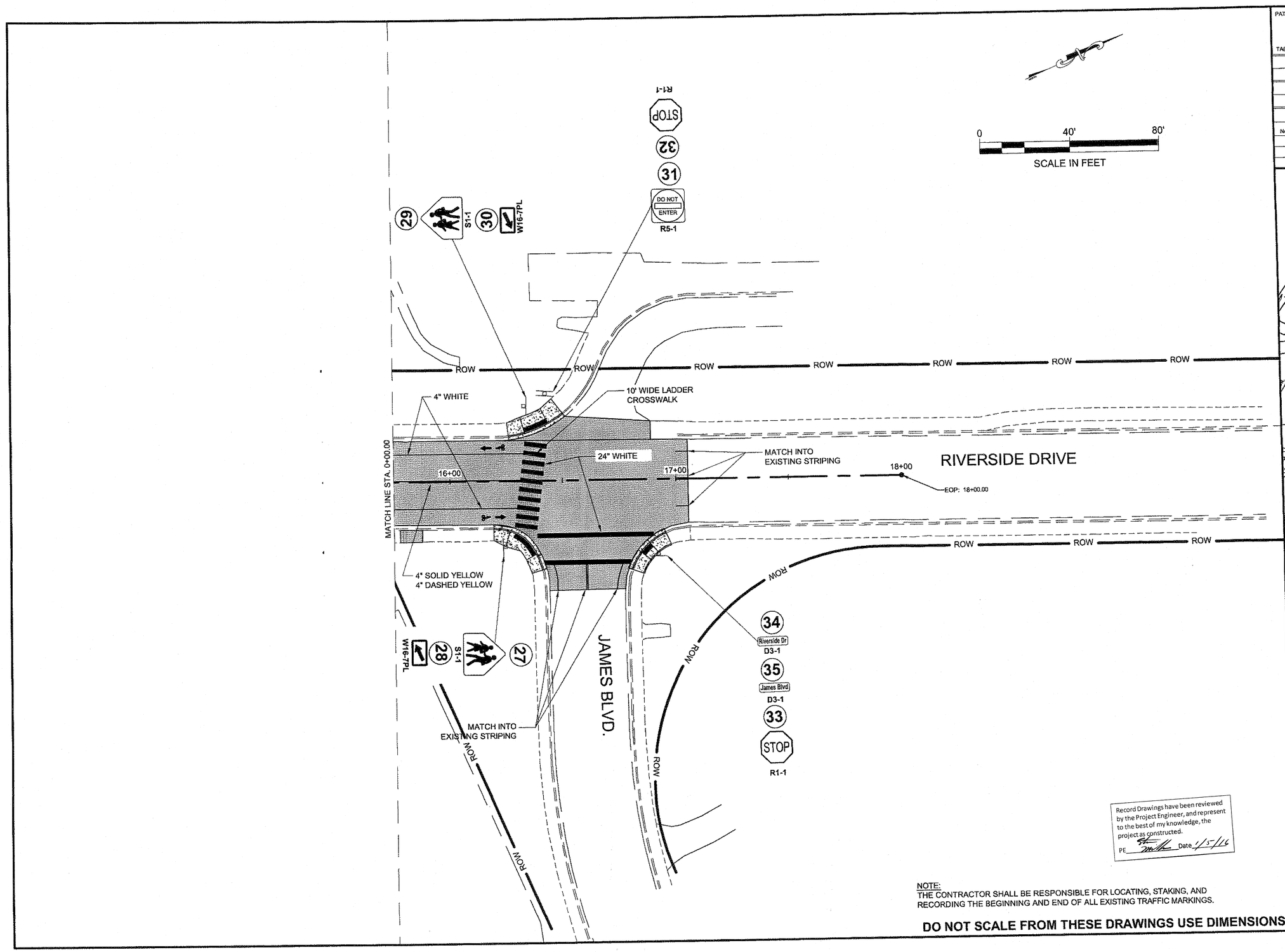
JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SIGNING & STRIPING PLAN

PROJECT DESIGNATION	
STP-0967(7) ~ 69527	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R3	40

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

PE _____ Date 1/5/16



PATH: Q:\JNU\69527\PLANSET\69527_R1-4_SIGN-STRIPE.DWG

GRANTHAM, RICK L (DOT)

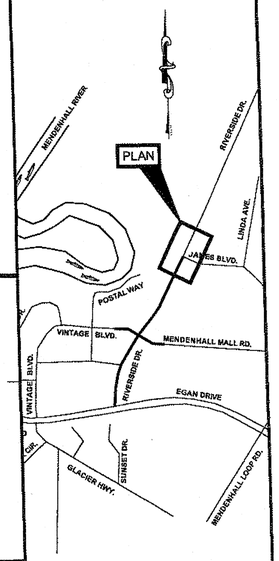
TAB: R4 Thursday, September 05, 2013 1:23:34 P

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID B. EPSTEIN
CE-8666
REGISTERED PROFESSIONAL ENGINEER
9.5.13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

SIGNING & STRIPING PLAN

PROJECT DESIGNATION
STP-0967(7) ~ 69527

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
R4	40

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

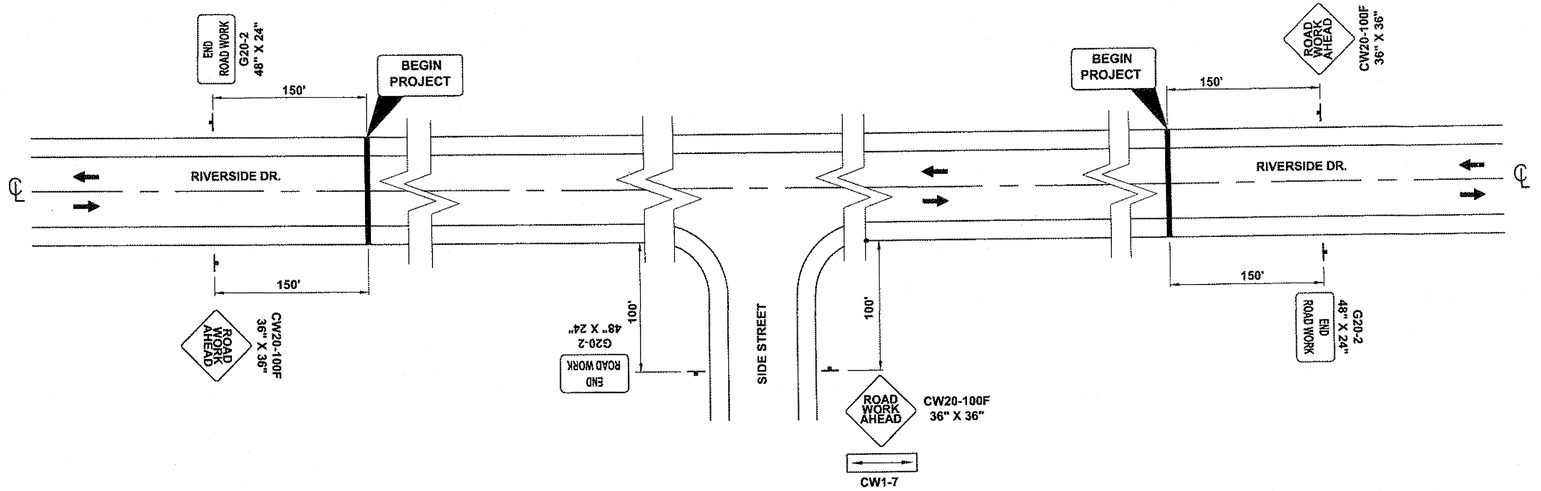
PE _____ Date 1/5/16

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

PE _____ Date 1/5/16



PERMANENT CONSTRUCTION SIGNING

N.T.S.

TCP SETUP TABLE

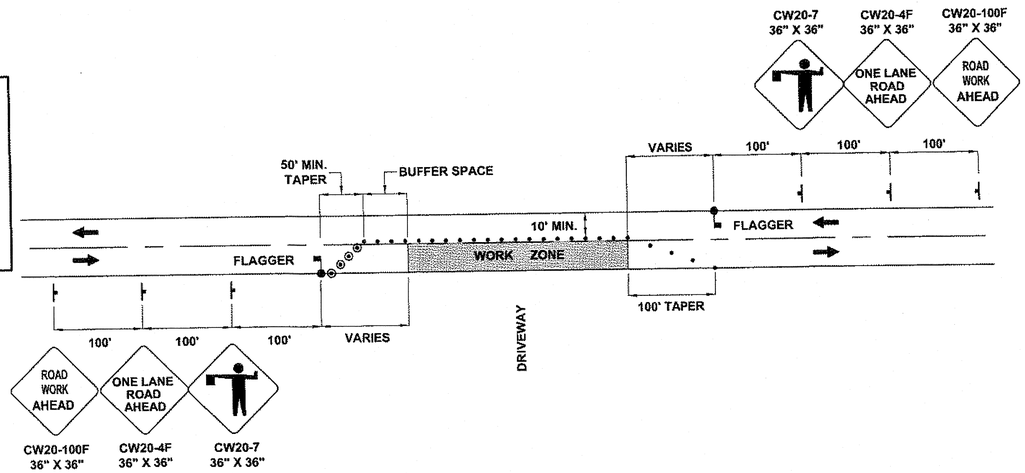
SPEED (MPH)	MIN MERGING TAPER LENGTH (L) IN FEET WIDTH OF OFFSET (W) IN FEET			MIN NUMBER OF DEVICES WIDTH OF OFFSET (W) IN FEET			MAX DEVICE SPACING IN FEET		BUFFER SPACE
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	(FT)
25 OR BELOW	105	115	125	6	6	6	25	50	155
30	150	165	180	6	7	7	30	60	200
35	205	225	245	7	8	8	35	70	250
40	270	295	320	8	9	9	40	80	305
45	450	495	540	11	12	13	45	90	360
50	500	550	600	11	12	13	50	100	425
55	550	605	660	11	12	13	55	110	495
60	600	660	720	11	12	13	60	120	570

FORMULAS FOR L (TAPER LENGTH)

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

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

WHERE W=WIDTH OF OFFSET
S= POSTED SPEED LIMIT



TWO LANE ROADWAY-SINGLE LANE CLOSURE

N.T.S.

TRAFFIC CONTROL NOTES:

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

LEGEND

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

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN



DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER, R. GRANTHAM
PATH: Q:\JNU\69527\PLANSET\69527_S1-2_TCP.DWG
TAB: S1 Thursday, September 05, 2013 9:52:59 AM GRANTHAM, RICK L (DOT)

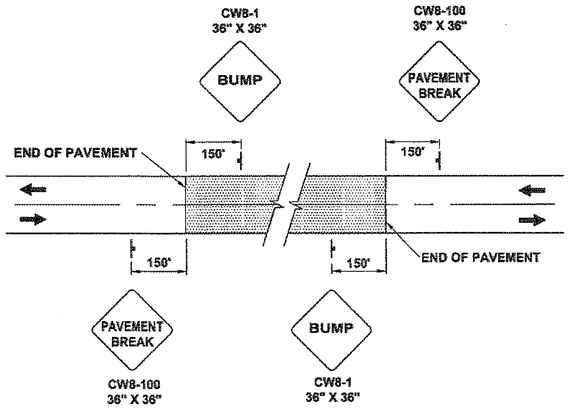
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

TRAFFIC CONTROL PLANS

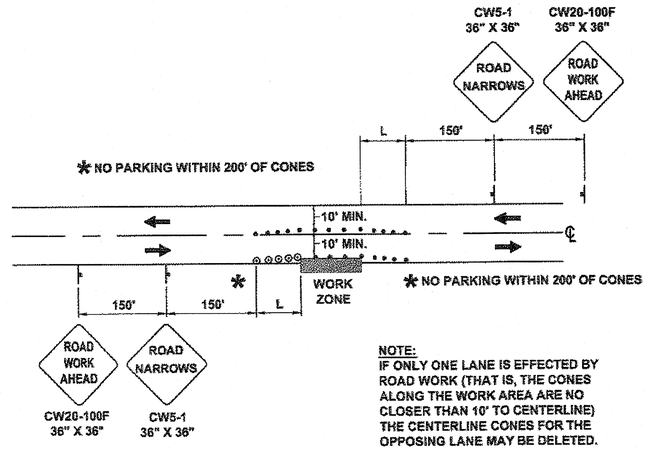
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0967(7)~69527	2013	S1	40

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16



SIGNING FOR UNPAVED AREA

N.T.S.



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

ROADWAY ENCROACHMENT

N.T.S.

LEGEND

	SIGN
	CONE
	DRUM
	TYPE III BARRICADE
	FLAGGING STATION

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

PE _____ Date 1/5/16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

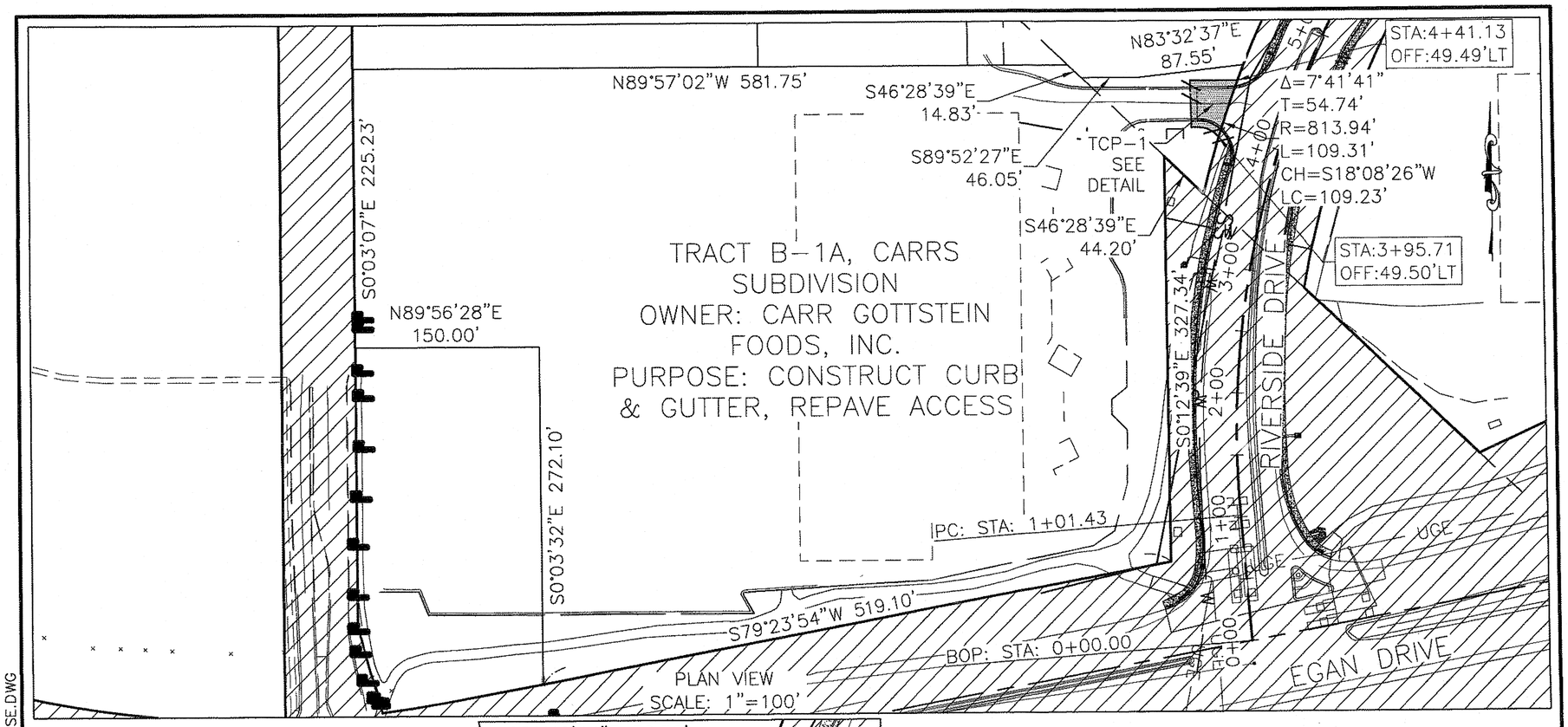
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-RIVERSIDE DRIVE
REHABILITATION & SIDEWALK
CONSTRUCTION
EGAN DRIVE TO JAMES BLVD.
PROJECT #69527

TRAFFIC CONTROL PLANS

PATH: Q:\JNU\69527\EN\DOUG'S PLANSET\S_TCP_SHT.DWG
TAB: S2 Monday, June 24, 2013 1:46:03 PM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0967(7)~69527	2013	S2	39



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES

OWNER'S INITIAL: _____
ATTACHED TO: _____
PAGE ___ OF ___ DATE: _____
DRAWN BY: RJG CHECKED BY: _____

RIGHT OF WAY REQUIRED FOR
JNU Riverside Drive Rehabilitation and Widening

STP-0967(7) – 69527

PARCEL NO. TCP-1 DATE: 6/5/13
AREA
PARCEL: 1239 S.F. SCALE: AS NOTED
TOTAL LOT: 6.11 Acres SHEET 1 OF 1

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.
PE _____ Date 1/5/16

Project As-Built Drawings have been reviewed by the Project Engineer & represent to the best of my knowledge the project as constructed.
PE _____ Date 1/5/16