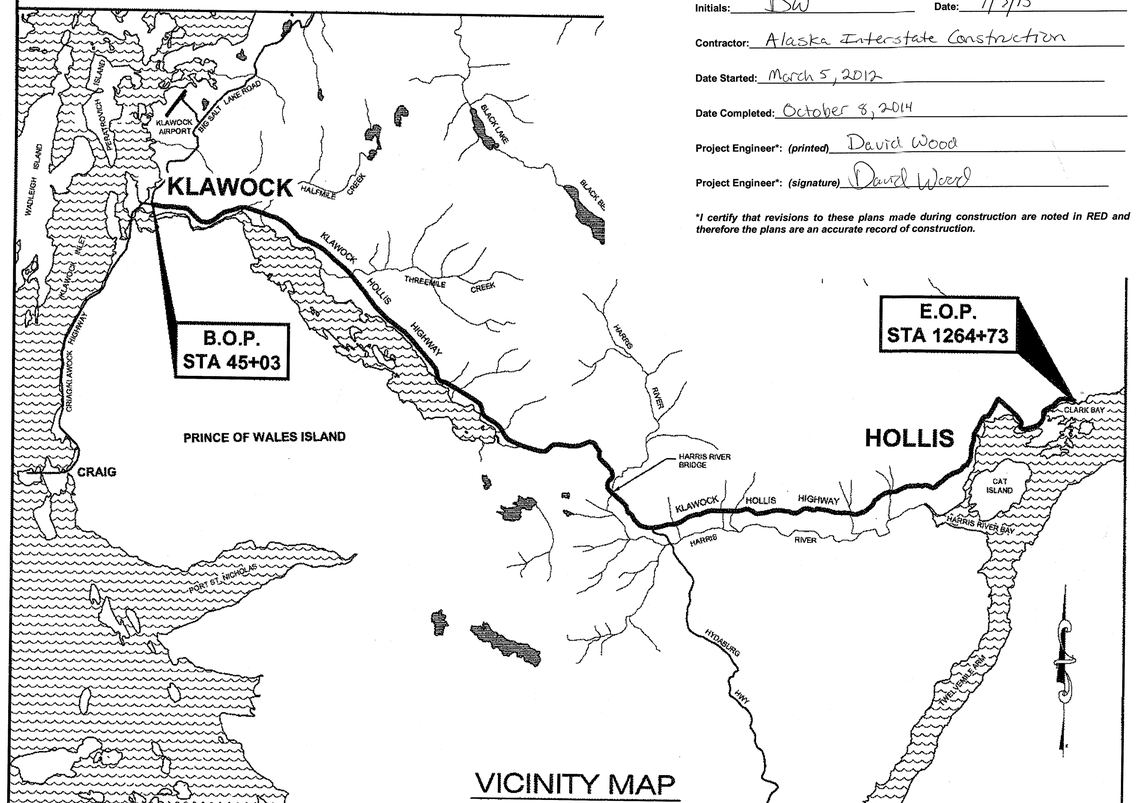
STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION

KLAWOCK, ALASKA

KLW - KLAWOCK TO HOLLIS PAVEMENT REHABILITATION

STP-0924(18) ~ 68688



VICINITY MAP

AS-BUILT PLANS

Initials: DW Date: 1/2/15

Contractor: Alaska Interstate Construction

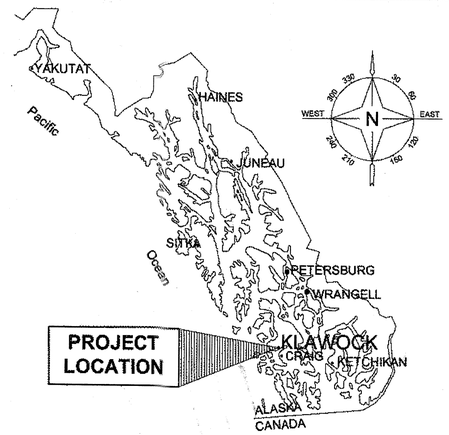
Date Started: March 5, 2012

Date Completed: October 8, 2014

Project Engineer*: *(printed)* David Wood

Project Engineer*: *(signature)* David Wood

**I certify that revisions to these plans made during construction are noted in RED and therefore the plans are an accurate record of construction.*



SOUTHEAST ALASKA REGION

DESIGN DESIGNATION

A.D.T. 2008	=	450
A.D.T. 2031	=	500
D.H.V. 2031	=	58
% T	=	9.5%
V	=	50 MPH
E.A.L.	=	100,000

PROJECT SUMMARY

LENGTH OF PAVING	=	23.12 MILES
WIDTH OF PAVING	=	"O" LINE 28-34 FEET
LENGTH OF PROJECT	=	23.12 MILES

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	G-00.01	M-13.01	S-30.03
C-03.10	G-04.07W	M-16.01	T-06.00
C-04.12	G-10.01	S-00.10	T-21.02
C-05.10	G-13.00	S-05.01	
D-01.02	G-15.10	S-20.10	
D-04.21	G-20.10		
	G-31.00		

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2-A5	SURVEY CONTROL
B1-B4	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D6	SUMMARY SHEETS
E1-E2	MISCELLANEOUS DETAILS
F1-F24	PROJECT PLANS SHEETS
J1-J7	FISH PASSAGE PLAN AND PROFILES
N1-N7	BRIDGE PLANS
P1-P2	EROSION AND SEDIMENT CONTROL DETAILS
S1	TRAFFIC CONTROL PLAN
B1-A	TYPICAL SECTION A1
D1-A	ADDITIONAL GUARDRAIL
F-25	FERRY TERMINAL DRAINAGE IMPROVEMENTS
N-7 REV-1	THRIE BEAM TRANSITION

CDS ROUTE NO. 292000
MILEPOINT 7.470 TO 30.657

PATH: Q:\Klw\68688\Planset\68688_A1_Title Sheet.dwg
Mon, 22/Aug/11 07:37AM DASTEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

APPROVED: Chuck Correa 8/24/11
CHUCK CORREA, P.E. DATE
REGIONAL PRECONSTRUCTION ENGINEER

APPROVED: for Reuben Mgt 8/24/11
ALBERT H. CLOUGH, CPG DATE
DIRECTOR, S.E. REGION

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION: (TO THE BEST OF MY KNOWLEDGE) 11-4-15
CONSTRUCTION PROJECT MANAGER DATE

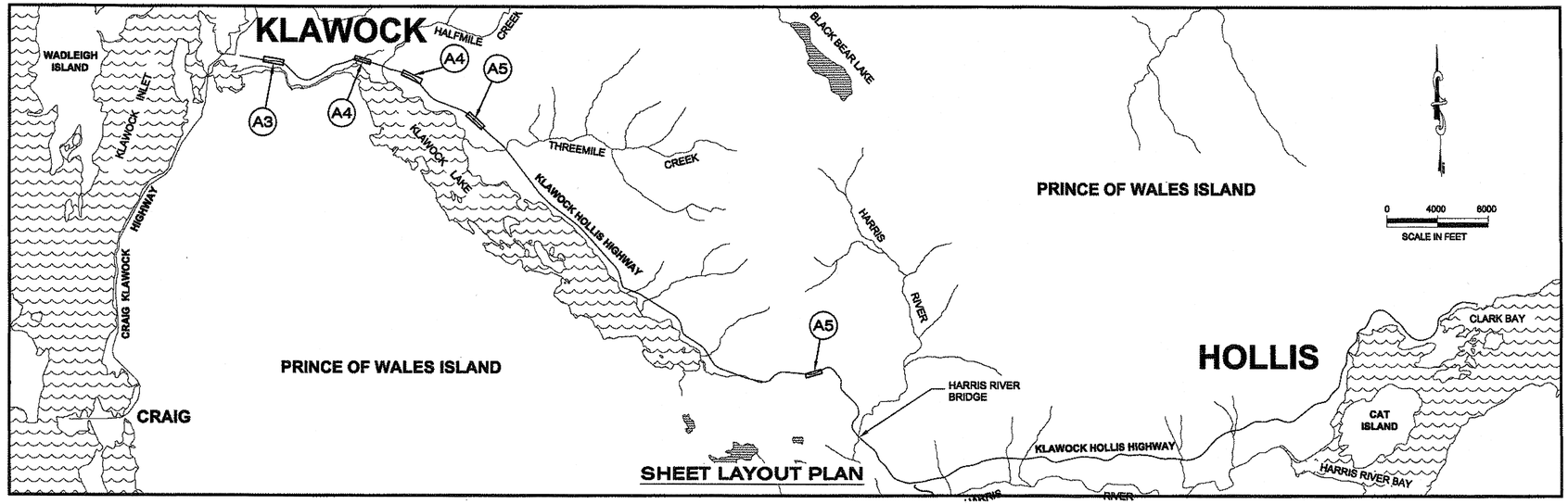
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)	2011	A1	~~59~~ 63

CONTROL POINT TABLE

POINT NO.	SHEET NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
1		200000.1201	600000.2591	24.68	GPS_ALCAP2.5"_CLB-1
2		200347.9487	599943.1163	28.85	GPS_PK/WASH_CLB-2
3		200530.7678	598780.2789	73.67	GPS_PK_WASH
12		196347.8302	594000.7170	16.79	GPS_BC2"_DOT_HOL-2
20		195698.1471	595960.4402	16.34	USC&GS_BC3.5"BM-5
21		195699.2526	595942.3982	17.42	USC&GS_BC3.5"BM-1X
22		195692.4715	595919.6223	15.13	USC&GS_BC3.5"BM-2
23		195673.2753	595886.6064	16.44	USC&GS_BC3.5"BM-3
24		195675.1304	595871.7978	17.98	USC&GS_BC3.5"BM-4
25		195694.7216	595943.2496	12.71	ALSEC1.5"MC_L14/L15/ASLS79-272
26	A3	222400.2427	506275.1879	41.63	GPS_ALCTRL2.5"_KH-26
29	A4	222285.0432	513488.7593	77.29	GPS_ALCTRL2.5"_KH-29
30	A4	222056.2857	514292.4805	79.05	GPS_ALCTRL2.5"_KH-30
31	A4	221010.6440	517175.6591	84.65	GPS_ALCTRL2.5"_KH-31
32	A4	220537.6895	517998.4659	86.13	GPS_ALCTRL2.5"_KH-32
33	A5	217669.4506	521997.2512	110.93	GPS_ALCTRL2.5"_KH-33
34	A5	216662.3167	522896.5030	112.26	GPS_ALCTRL2.5"_KH-34
46	A5	196707.6947	547459.9440	178.08	GPS_ALCTRL2.5"_KH-46
47	A5	196747.3429	548087.2694	181.81	GPS_ALCTRL2.5"_KH-47
48		194899.3428	550561.4406	396.09	GPS_ALCTRL2.5"_KH-48
49	A3	222225.9407	507548.2541	29.19	GPS_ALCTRL2.5"_KH-49
302	A3	222213.3984	507456.4870	27.89	PK
304	A4	222275.0496	513567.1148	78.33	PK
305	A4	222017.2211	514314.2001	79.98	PK
306	A5	217346.2580	522286.8003	105.49	PK
307	A5	217226.6583	522441.7084	104.64	PK
320		187960.5470	555157.7015	240.68	GPS_BC2.5"_HAR1_GPS222_1990

CONTROL POINT TABLE CONT.

POINT NO.	SHEET NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
330	A3	222258.0700	507545.8018	28.23	H&T
331	A4	222175.7956	513522.5521	55.71	H&MAG_NATURAL
332	A4	222315.7659	513631.5730	67.80	H&MAG_NATURAL
333	A4	222119.6571	514348.0716	75.87	H&MAG_NATURAL
334	A4	221955.4711	514324.7207	68.08	H&MAG_NATURAL
335	A4	220468.4147	517929.8656	76.96	H&MAG
336	A4	220512.6855	517871.6057	76.01	H&MAG_NATURAL
337	A5	217328.5334	522256.7985	88.78	SPIKE
338	A5	217322.1989	522173.2601	86.24	H&T_NATURAL
339	A5	217386.8393	522382.4744	99.23	H&T_NATURAL
340	A5	217277.3052	522354.5070	104.75	MAG
341	A5	217330.5970	522212.3116	89.47	H&T_NATURAL
342	A5	217271.4187	522486.5090	101.90	H&T_NATURAL
352	A5	196690.4621	547877.8493	181.68	H&T_NATURAL
353	A5	196796.7919	547890.0236	173.34	REBAR
502	A3	222413.0957	506307.7844	39.46	TBM/RP_PK_IN_PP5
505	A4	222309.0700	513489.0133	76.16	TBM/RP_PK_IN_PP32
506	A4	222113.9117	514193.9319	80.60	TBM/RP_PK_IN_PP34
507	A4	221073.3549	517092.4436	85.06	TBM/RP_PK_IN_PP43
508	A4	220626.7268	517941.6891	83.01	TBM/RP_PK_IN_PP46
509	A5	217740.1236	521961.6886	112.09	TBM/RP_PK_IN_PP60
510	A5	216659.6853	523033.0356	111.93	TBM/RP_PK_IN_PP64



AS-BUILT PLANS

INITIALS DWJ DATE 1/12/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: G. LOCKWOOD

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

8-19-11
STATE OF ALASKA 49TH
Timothy Reed
No. 10613
REGISTERED PROFESSIONAL LAND SURVEYOR

KLAWOCK TO HOLLIS
PAVEMENT
REHABILITATION
PROJECT # 68688

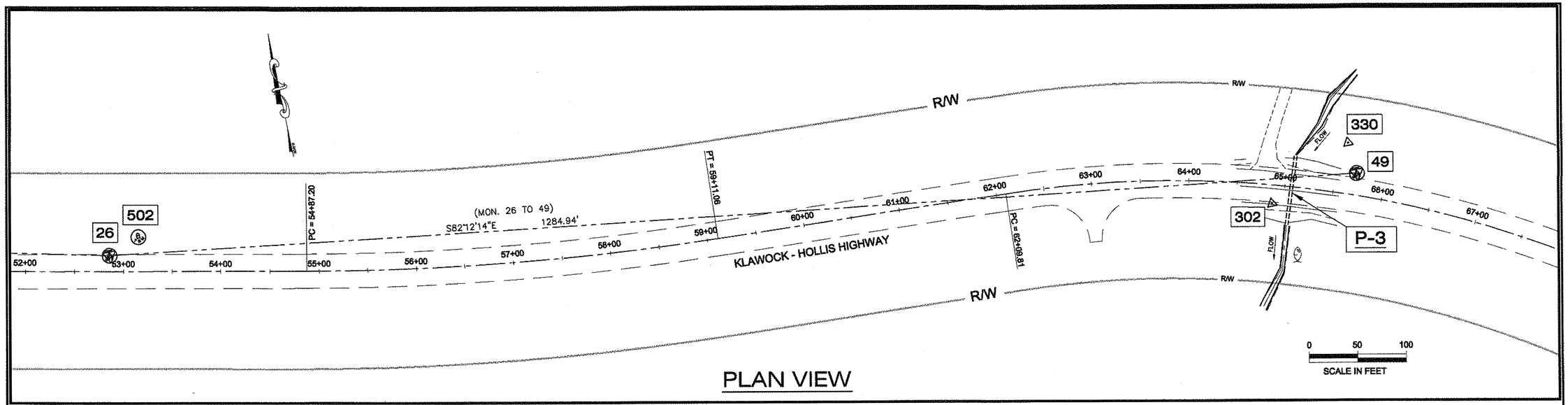
SURVEY CONTROL CULVERT AREAS

DESIGNED BY: TIM REED
DRAWN BY: D. STEVENS

PATH: Q:\KLW\68688\PLANSET\68688_A2-5 SURVEY CONTROL.DWG
TAB: A2 Fri, 19/Aug/11 01:23PM STEVENS, DAVID A (DOT)

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0924(18)	2011	A2	~~59~~ 63



PLAN VIEW

HORIZONTAL CONTROL

THE BASIS OF HORIZONTAL CONTROL IS CLB-1, A 2.5" ALUMINUM CAP ON DRIVE ROD LOCATED BEHIND THE GUARDRAIL APPROXIMATELY 24' NORTHWEST OF THE VEHICLE TRANSFER RAMP. COORDINATES WERE ESTABLISHED AT CLB-1 BY A SERIES OF OPUS SESSIONS IN AUGUST 2004.
OBSERVED OPUS POSTION:
NAD83 (CORS96) (EPOCH 2003.0000)
LATITUDE : 55°29'27.26890"N
LONGITUDE : 132°37'20.78560"W

*A BLUNDER WAS FOUND IN THE ORIGINAL OPUS SESSIONS FROM NOV. 2003 USED FOR CLARKE BAY FERRY TERMINAL. LOCAL COORDS REMAIN THE SAME FOR THAT JOB, BUT AKSPC CONTROL MOVED TO AGREE WITH GPS ON THIS PROJECT. THE MOVE FOR CLARKE POINTS 1-12 IS 0.32' @ N67°59'53"E.

THE BASIS OF BEARING FOR THIS PROJECT IS THE GEODETIC BEARING OF N 09°19'45" W FROM CLB-1 TO CLB-2. THIS BEARING WAS DERIVED FROM GPS AND CONVENTIONAL OBSERVATIONS PLUS THE APPLIED CONVERGENCE ANGLE OF 0°52'25" DESCRIBED BELOW

THE CLARKE BAY 2003 GRID IS A LOCAL GROUND COORDINATE SYSTEM BASED AT DOT ALUMINUM CAP CLB-1. THE GRID SYSTEM RELATES TO AKSPC ZONE 1 NAD83(CORS96) THROUGH THE FOLLOWING PARAMETERS:
ZONE = NAD83 AKSPC ZONE 1
GRID SCALE = 0.9999279
CONVERGENCE = 0°52'25"
TRANSLATION ABOUT CLB-1 AS FOLLOWS:
AKSPC NORTHING = 1337218.3239 FT US
AKSPC EASTING = 2902512.0121 FT US
LOCAL NORTHING = 200000.0000 FT US
LOCAL EASTING = 600000.0000 FT US

PROJECT CONTROL FROM HOLLIS TO KLAWOCK ESTABLISHED BY STATIC GPS SESSIONS THROUGH A SERIES OF ALUMINUM CAPS AS PROCESSED THROUGH SKI-PRO. CONVENTIONAL CONTROL SUPPLEMENTED THESE POINTS FOR INDIVIDUAL STREAM SURVEYS.

PROJECT SPECIFIC HORIZONTAL CONTROL

CLB-1 : 2.5" ALUMINUM CAP ON DRIVE ROD LOCATED BEHIND THE GUARDRAIL APPROXIMATELY 24' NORTHWEST OF THE VEHICLE TRANSFER RAMP.
CLARKE-GRID N 200000.1201 FT US, E 600000.2591 FT US
AKSPC N 1337218.4479 FT US , E 2902512.2693 FT US

CLB-2 : PK/WASHER LOCATED APPROXIMATELY 15' WEST OF A CONCRETE UTILITY VAULT AT THE NORTHERN END OF THE PARKING AREA.
CLARKE-GRID N 200347.9487 FT US, E 599943.1163 FT US
AKSPC N 1337565.3398 FT US, E 2902449.8344 FT US

VERTICAL CONTROL

THE BASIS OF VERTICAL CONTROL IS THE USC&GS BENCHMARK # 1X WITH A 2003 PUBLISHED ELEVATION OF 17.41' ABOVE MLLW. THIS IS NOS TIDAL SERIES 9450544.
<HTTP://TIDESANDCURRENTS.NOAA.GOV/BENCHMARKS/9450544.HTML>
A SERIES OF STATIC GPS SESSIONS WERE RUN BETWEEN CLB-2 AND TWO TEMPORARY POINTS ON THE BEACH IN THE VICINITY OF THE USC&GS BENCHMARKS. ALL USC&GS BENCHMARKS IN THE SERIES WERE TIED FROM THESE TEMPORARY GPS BY TRIGONOMETRIC LEVELING. ELEVATIONS TRANSFERRED ARE ORTHOMETRIC BASED ON GEOID '99.

THE PROJECT SPECIFIC BASIS OF VERTICAL CONTROL IS CLB-2 WITH AN OBSERVED ELEVATION OF 28.85' ABOVE MLLW.

AS-BUILT PLANS

INITIALS DWJ DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: G. LOCKWOOD	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION
STATE OF ALASKA 49TH Timothy Reed No. 10613 REGISTERED PROFESSIONAL LAND SURVEYOR 8-19-11	KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT # 68688
DESIGNED BY: TIM REED DRAWN BY: D. STEVENS	**SURVEY CONTROL CULVERT AREAS**

PATH: Q:\KLW\68688\PLANSET\68688_A2-5 SURVEY CONTROL.DWG
TAB: A3 Fri, 19/Aug/11 01:24PM STEVENS, DAVID A (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
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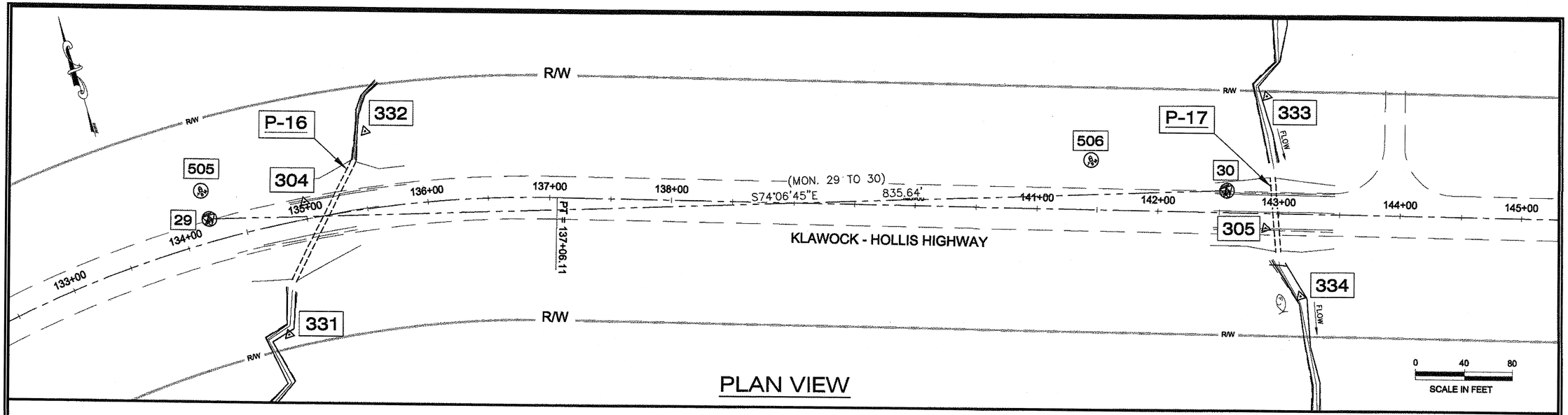
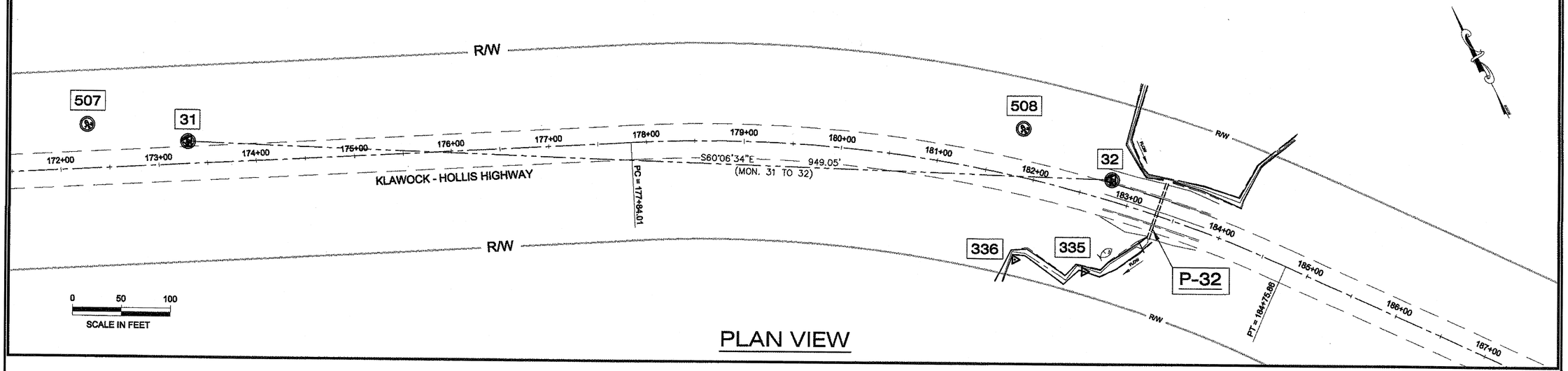


PLAN VIEW



PLAN VIEW

AS-BUILT PLANS

INITIALS DW DATE 1/7/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: G. LOCKWOOD

STATE OF ALASKA · 49TH · Timothy Reed No. 10613 · REGISTERED PROFESSIONAL LAND SURVEYOR · 8-19-11

DESIGNED BY: TIM REED

DRAWN BY: D. STEVENS

PATH: Q:\KLW\68688\PLANSET\68688_A2-5 SURVEY CONTROL.DWG

TAB: A4 Fri, 19/Aug/11 01:24PM STEVENS, DAVID A (DOT)

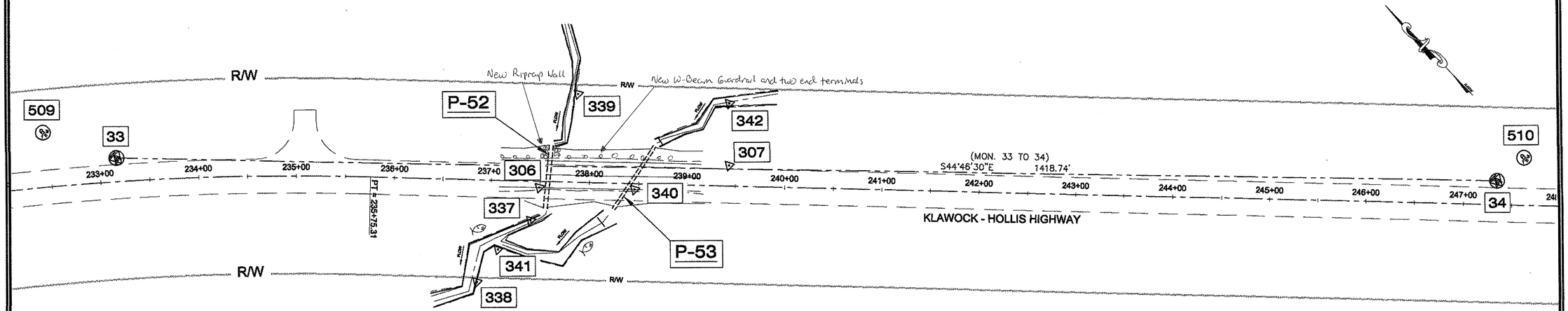
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT
REHABILITATION
PROJECT # 68688

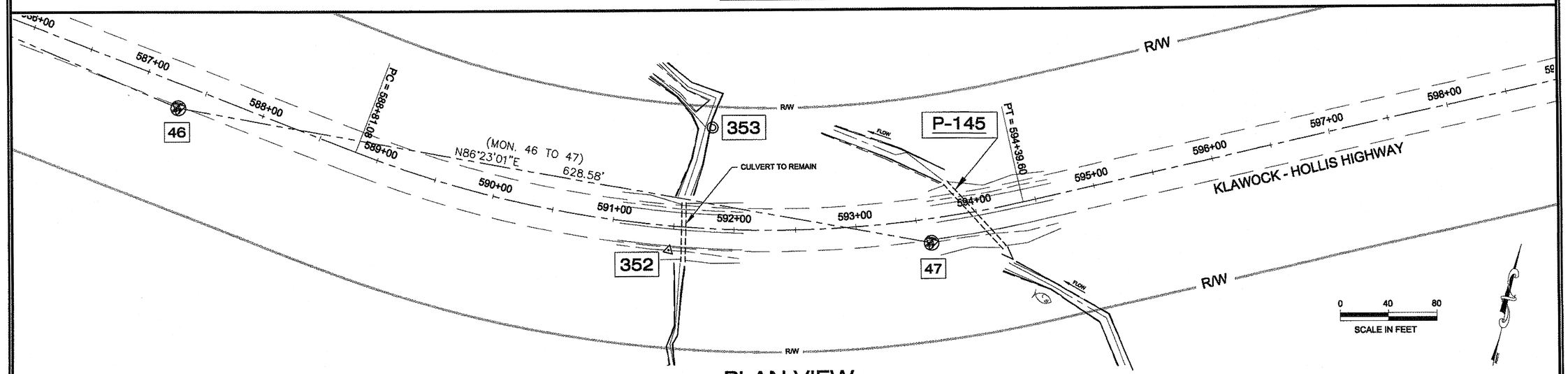
SURVEY CONTROL
CULVERT AREAS

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0924(18)	2011	A4	~~59~~ 63



PLAN VIEW



PLAN VIEW

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILT PLANS

INITIALS OW DATE 1/7/15

CHECKED BY: G. LOCKWOOD	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION
STATE OF ALASKA 49 TH Timothy Reed No. 10613 REGISTERED PROFESSIONAL LAND SURVEYOR 8.19.11	KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT # 68688 **SURVEY CONTROL** **CULVERT AREAS**
DESIGNED BY: TIM REED	
DRAWN BY: D. STEVENS	
PATH: O:\KLW\68688\PLANSET\68688_A2-5 SURVEY CONTROL.DWG	
TAB: A5 Fri, 19/Aug/11 01:24PM STEVENS, DAVID A (DOT)	

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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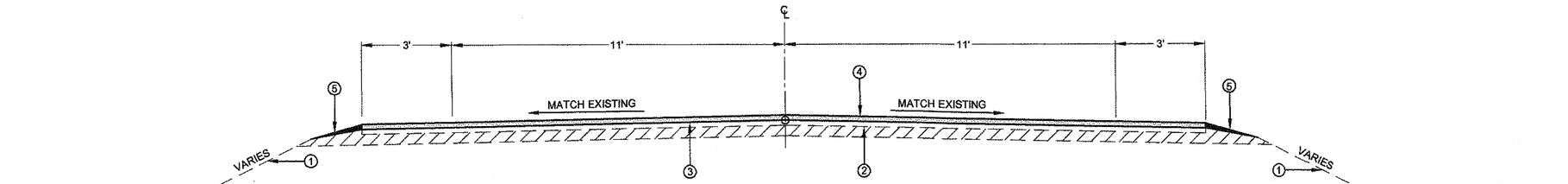
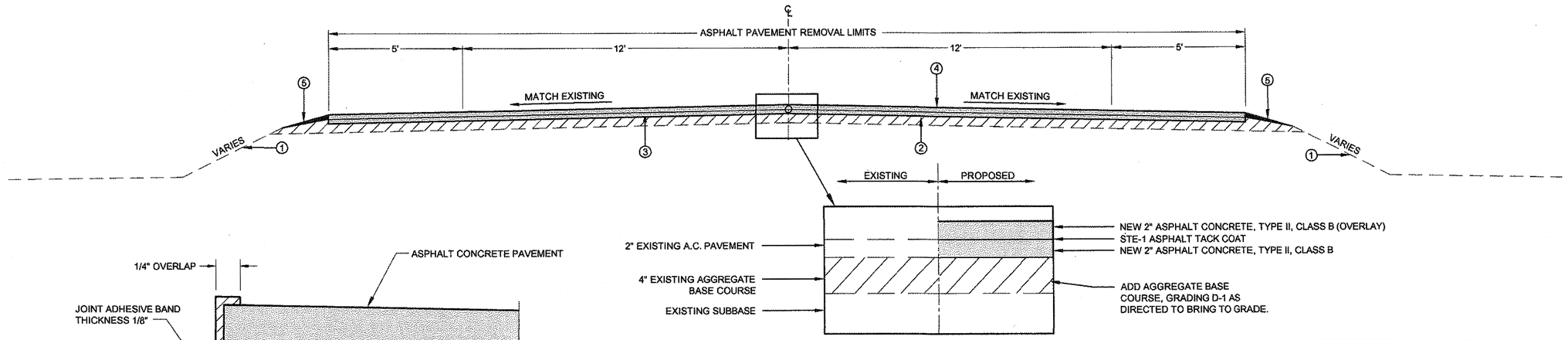


TYPICAL SECTION A (See sheet B1-A)

2" ASPHALT PAVEMENT OVERLAY

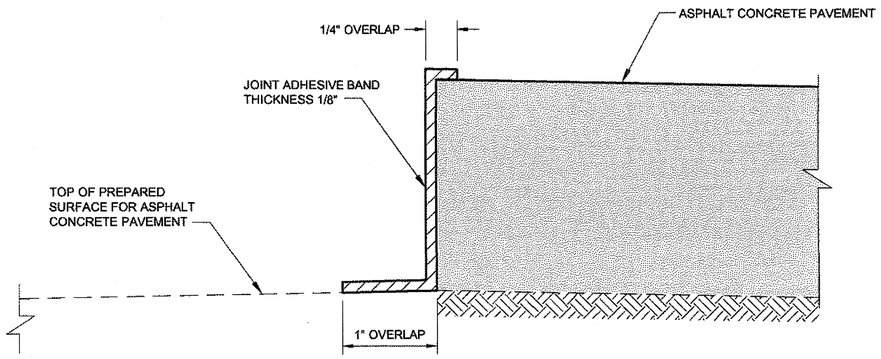
Used mainly in curves



TYPICAL SECTION B

BOP TO STA ~~113+00~~ 156+35

From STA BOP to 114+00, Dimensions are as shown
From STA 114+50 to 156+35, AS-STAKED Highway Built with 11' LANES and 3' shoulders



JOINT ADHESIVE APPLICATION DETAIL

NTS

NOTES:

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

NOTES:

1. THE LOCATIONS OF EXISTING FEATURES ON THESE PLANS ARE APPROXIMATE AND SHALL BE BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. AS-BUILTS INDICATE EXISTING PAVEMENT THICKNESS IS 2 INCHES. PAVEMENT IN AREAS THAT HAVE BEEN PREVIOUSLY PATCHED MAY BE THICKER. THE INTENT IS TO REMOVE THE EXISTING PAVEMENT FULL DEPTH IN PATCH AREAS AND REPLACE WITH A 2 INCH A.C. PATCH AND 2 INCH A.C. OVERLAY.
3. ASPHALT PAVEMENT THAT IS REMOVED MAY BE REUSED FOR BASE COURSE PROVIDED IT MEETS THE REQUIREMENTS OF SUBSECTION 703-2.13 OF THE SPECIAL PROVISIONS.
4. LOCATION LIMITS OF PATCH AREAS AND SUBGRADE REPAIR MAY HAVE MINOR ADJUSTMENTS AS DETERMINED BY THE ENGINEER.
5. REFERENCE AND RE-ESTABLISH EXISTING SUPERELEVATION WHERE ASPHALT PAVEMENT IS REMOVED.

LEGEND

①	EXISTING GROUND
②	EXISTING A.C. PAVEMENT
③	STE-1 ASPHALT TACK COAT
④	2" ASPHALT CONCRETE TYPE II, CLASS B
⑤	LINEAR GRADING

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILT PLANS

INITIALS DW DATE 11/7/15

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA, 49th, Gregory K. Lockwood, CE-11850, REGISTERED PROFESSIONAL ENGINEER, 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

PATH: Q:\KLW\68688\PLANSET\68688_B1-4_TYP SECTION.DWG

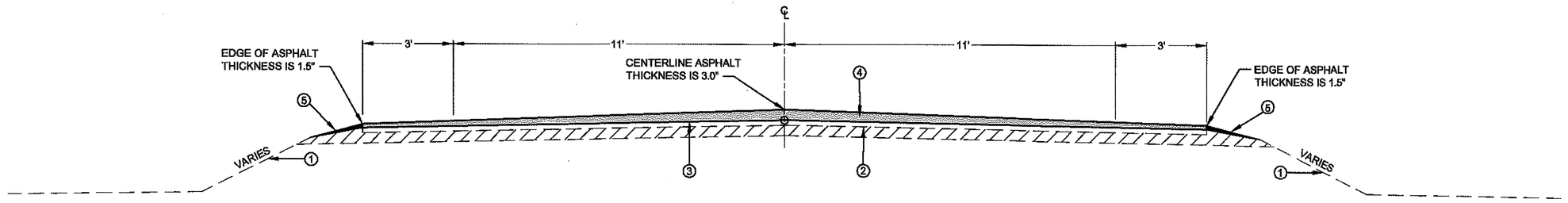
TAB: B1 Tuesday, August 23, 2011 2:35:17 PM STEVENS, DAVID A (DOT)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT
REHABILATION
PROJECT # 68688

TYPICAL SECTIONS

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0924(18)	2011	B1	~~59~~ 63



TYPICAL SECTION A1

Used Mainly in Tangents

NOTE:

1. THIS TYPICAL IS FOR AREAS AS DIRECTED BY THE ENGINEER..

LEGEND

①	EXISTING GROUND
②	EXISTING A.C. PAVEMENT
③	STE-1 ASPHALT TACK COAT
④	ASPHALT CONCRETE TYPE II, CLASS B
⑤	LINEAR GRADING

AS-BUILT PLANS

INITIALS DW DATE 1/7/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY:

STATE OF ALASKA
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
5/22/14

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT
REHABILATION
PROJECT # 68688

TYPICAL SECTION A1

DESIGNED BY: G. LOCKWOOD
DRAWN BY: D. STEVENS
PATH: C:\KLW\68688\PLANSET\68688_TYP SECTION_A1.DWG
TAB: 1 Thursday, May 15, 2014 11:48:04 AM STEVENS, DAVID A (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

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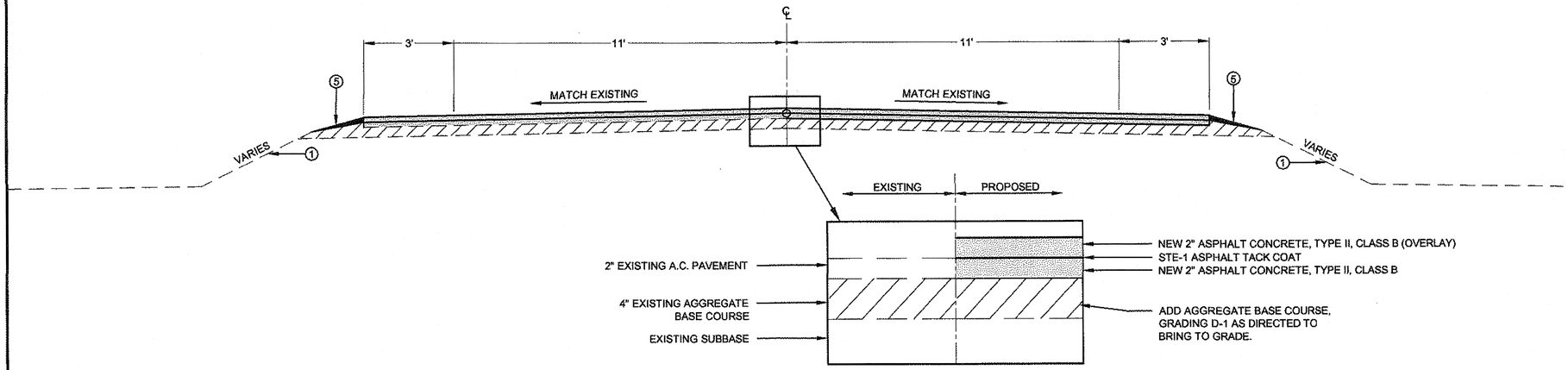


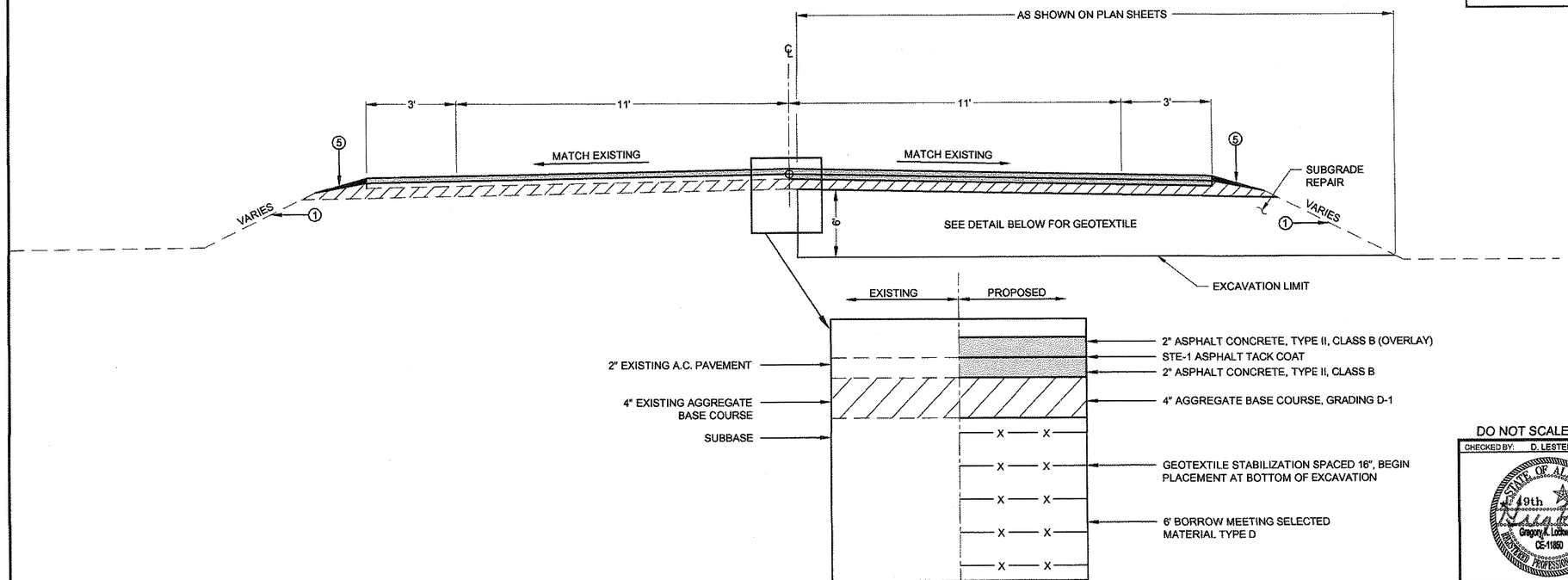
TYPICAL SECTION C

PAVEMENT PATCH REPAIR

WIDTH OF PAVEMENT PATCH REPAIR VARIES, SEE PLAN SHEETS. REMOVE ASPHALT PAVEMENT FULL DEPTH IN AREAS OF DAMAGE. ADD AGGREGATE BASE COURSE, GRADING D-1 AS DIRECTED TO RE-ESTABLISH GRADE. REPAVE WITH 2" ASPHALT CONCRETE, TYPE II, CLASS B. OVERLAY THE ENTIRE ROADWAY WIDTH WITH 2" ASPHALT CONCRETE, TYPE II, CLASS B.

LEGEND

①	EXISTING GROUND
②	EXISTING ASPHALT CONCRETE PAVEMENT
③	STE-1 ASPHALT TACK COAT
④	2" ASPHALT CONCRETE TYPE II, CLASS B
⑤	LINEAR GRADING



TYPICAL SECTION D

SUBGRADE REPAIR

AS-BUILT PLANS

INITIALS DJ DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
6/24/11

DESIGNED BY: G. LOCKWOOD
DRAWN BY: D. STEVENS

PATH: Q:\KLW\68688\PLANSET\68688_B1-4_TYP SECTION.DWG
TAB: B2 Friday, August 19, 2011 2:34:15 PM STEVENS, DAVID A (DOT)

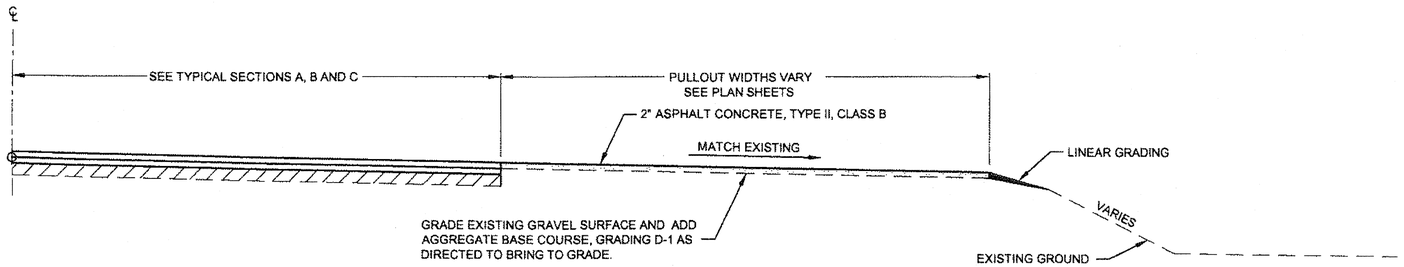
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT
REHABILITATION
PROJECT # 68688

TYPICAL SECTIONS

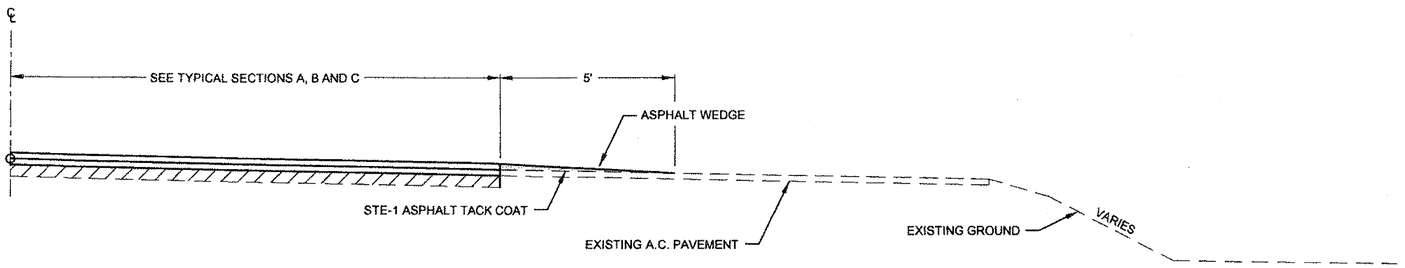
REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0924(18)	2011	B2	~~59~~ 63



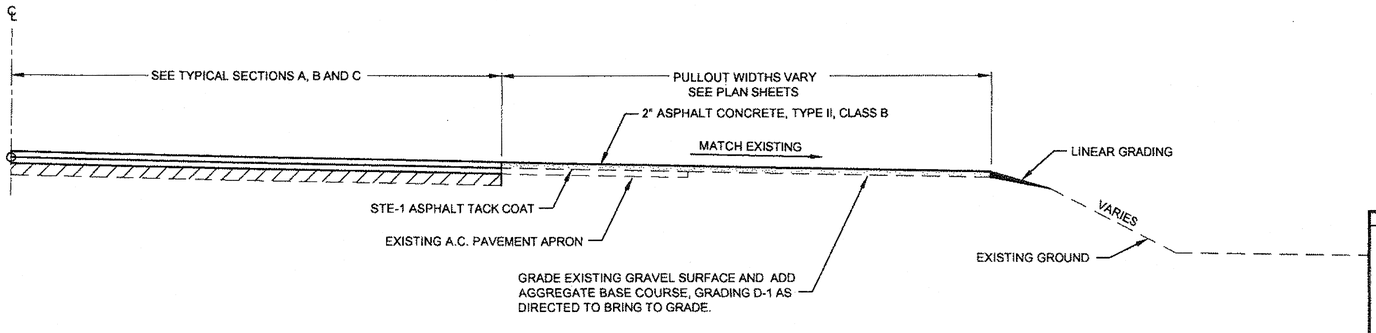
PULLOUT TYPICAL SECTION X

EXISTING UNPAVED



PULLOUT TYPICAL SECTION Y

EXISTING PAVED



PULLOUT TYPICAL SECTION Z

EXISTING PAVED APRON

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

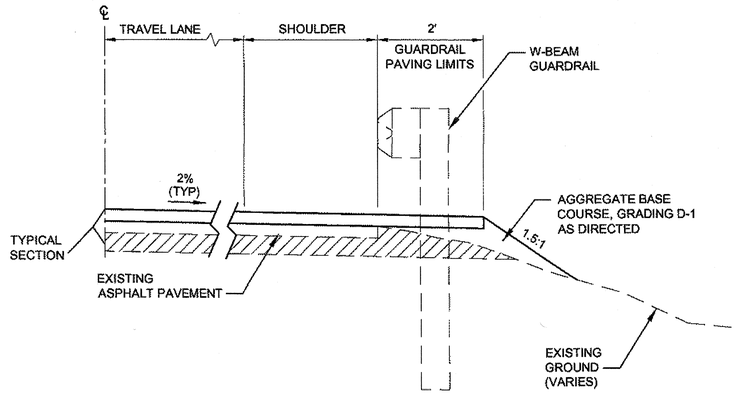
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: G. LOCKWOOD	KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT # 68688
DRAWN BY: D. STEVENS	**TYPICAL SECTIONS**

STATE OF ALASKA 9th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

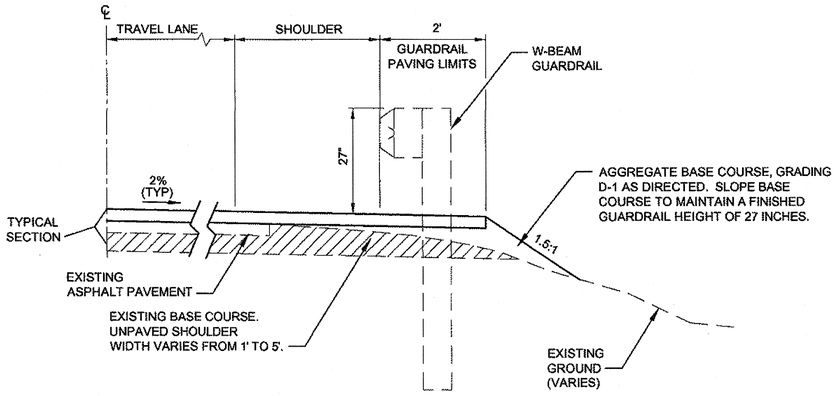
PATH: Q:\KLW\68688\PLANSET\68688_B1-4_TYP SECTION.DWG
TAB: B3 Friday, August 19, 2011 1:26:06 PM STEVENS, DAVID A (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0924(18)	2011	B3	59 63



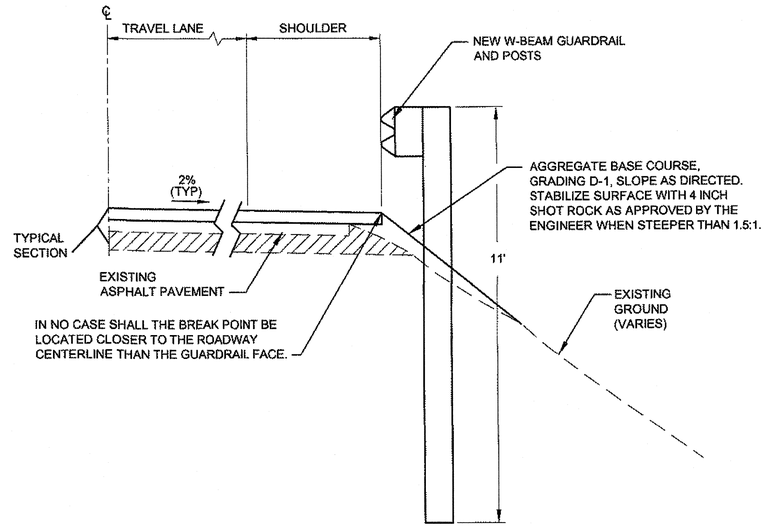
GUARDRAIL PAVING

EXISTING PAVED SHOULDER



GUARDRAIL PAVING

EXISTING UNPAVED SHOULDER



LONG POST GUARDRAIL DETAIL

REFER TO SUMMARY TABLE, SHEET D1, AND PLANS FOR LOCATIONS TO INSTALL LONG POSTS. ALL HARDWARE AND GUARDRAIL ELEMENTS ARE IDENTICAL TO NORMAL GUARDRAIL INSTALLATION WITH THE EXCEPTION OF USING LONGER POSTS. THERE IS THE POSSIBILITY THE BASE OF THE POSTS MAY ENCOUNTER LARGER ROCK FILL.

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
Gregory K. Lockwood
OE-11650
REGISTERED PROFESSIONAL ENGINEER
11/4/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT
REHABILATION
PROJECT # 68688

TYPICAL SECTIONS

PATH: Q:\KLW\68688\PLANSET\68688_B1-4_TYP SECTION.DWG

TAB: B4 Friday, November 04, 2011 7:53:04 AM STEVENS, DAVID A (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0924(18)	2011	B4	~~59~~ 63

ESTIMATE OF QUANTITIES

ITEM NO	ITEM DESCRIPTION	PAY UNIT	QUANTITY	
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~35,000~~	151,516.05
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	~~263~~	113.5
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	~~115~~	235
203 (2)	ROCK EXCAVATION	CUBIC YARD	~~5~~	0
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	~~10,500~~	12,695.98
203 (5)	BORROW	~~CUBIC YARD~~ TONS	~~22,000~~	58,921.02 C.O.#2
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	~~1,800~~	5956.26
303 (3)	LINEAR GRADING	STATION	2,440	
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	TON	~~54,660~~	67,383.45
401 (2)	ASPHALT CEMENT, PG 58-28	TON	~~3,280~~	4093.18
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	+ $354,092.29
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	- $40,998.90
402 (1)	STE-1 ASPHALT TACK COAT	TON	~~320~~	65.1
514 (1)	BRIDGE WORK	LUMP SUM	ALL REQUIRED	
603 (9)-24	24 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	30	
603 (9)-36	36 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	20	
603 (9)-48	48 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	~~101~~	10
603 (9)-60	60 INCH CORRUGATED ALUMINUM PIPE	LINEAR FOOT	~~150~~	150.62
603 (10)-60X46	60"X46" CORRUGATED ALUMINUM PIPE ARCH	LINEAR FOOT	~~120~~	125.20
603 (10)-87X63	87"X63" CORRUGATED ALUMINUM PIPE ARCH	LINEAR FOOT	~~137~~	136.7
602(2) 9'9"x6'0", 10 GAGE ~~603 (10)-95X76~~	~~95"X76" CORRUGATED ALUMINUM PIPE ARCH~~ SPPA 9'9"x6'0", 10 GAGE ADDENDUM 6	LINEAR FOOT	~~65~~	65.1
602(3) 9'3"x6'5", 10 GAGE ~~603 (10)-112X75~~	~~112"X75" CORRUGATED ALUMINUM PIPE ARCH~~ SPPA 9'3"x6'5", 10 GAGE ADDENDUM 6	LINEAR FOOT	~~100~~	100.2
602(3) 9'1"x6'6", 10 GAGE ~~603 (10)-117X79~~	~~117"X79" CORRUGATED ALUMINUM PIPE ARCH~~ SPPA 9'1"x6'6", 10 GAGE ADDENDUM 6	LINEAR FOOT	~~77~~	76.8
603 (21)-24	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~4,020~~	4609.21
603 (21)-30	30 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~1,334~~	2086.71
603 (21)-36	36 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~795~~	1552.4
603 (21)-42	42 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~287~~	584.2
603 (21)-48	48 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~665~~	969.81
603 (21)-54	54 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~50~~	0
603 (21)-60	60 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	~~277~~	742.7
603 (22)-24	24 INCH POLYETHYLENE LINER PIPE	LINEAR FOOT	~~188~~	0
603 (22)-30	30 INCH POLYETHYLENE LINER PIPE	LINEAR FOOT	~~257~~	0
603 (22)-36	36 INCH POLYETHYLENE LINER PIPE	LINEAR FOOT	~~410~~	0
603 (22)-42	42 INCH POLYETHYLENE LINER PIPE	LINEAR FOOT	~~148~~	0
603 (22)-48	48 INCH POLYETHYLENE LINER PIPE	LINEAR FOOT	~~435~~	0
603 (22)-60	60 INCH POLYETHYLENE LINER PIPE	LINEAR FOOT	~~190~~	0
603 (23)	STREAMBED MATERIAL	LUMP SUM	ALL REQUIRED	
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	~~1,950~~	2650
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	~~2,175~~	2963
606(12)	GUARDRAIL/BRIDGE RAIL CONNECTION	EACH	4	
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	~~12~~	15
606 (15)	DOWNSTREAM END ANCHOR	EACH	1	
615 (1)	STANDARD SIGN	SQUARE FOOT	~~1,325~~	1360.89
618 (1)	SEEDING	ACRE	~~2~~	1.038
629 (1)	GUARDRAIL PAVING	LINEAR FOOT	~~15,300~~	16,222.5
630 (2)	GEOTEXTILE, STABILIZATION	SQUARE YARD	~~17,200~~	19,944.29
633 (2)	SEDIMENT BARRIER	LINEAR FOOT	~~10,000~~	4564.5
639 (3)	APPROACH	EACH	~~62~~	63
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED	
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED	
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	
642 (3A)	THREE PERSON SURVEY PARTY	CONTINGENT SUM	ALL REQUIRED	
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED	
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	
644 (1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED	
644 (2)	FIELD LABORATORY	LUMP SUM	ALL REQUIRED	
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED	
644 (15)	NUCLEAR TESTING EQUIPMENT STORAGE SHED	EACH	1	
645 (1)	TRAINING PROGRAM, 2 TRAINEES/APPRENTICES	LABOR HOUR	950	
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	
670 (8)	RECESSED PAVEMENT MARKER	EACH	~~2,000~~	1940
680 (1)	ENVIRONMENTAL MONITORING	LUMP SUM	ALL REQUIRED	
690 (1)	FISH PASSAGE WEIRS	LUMP SUM	ALL REQUIRED	

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TON/CY
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	120 LB/SY-IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6.0% OF ITEM 401(1)
402 (1)	STE-1 ASPHALT FOR TACK COAT	0.1 GAL/SY, (243 GAL/TON)
603 (23)	STREAMBED MATERIAL	140 CY
618 (1)	SEEDING	2 ACRES

AS-BUILT PLANS

INITIALS OW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KL\WI\68688\PLANSET\68688_C1_D1-3_SUM.DWG
DRDODGE
TAB: C1 Friday, November 18, 2011 7:27:10 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

ESTIMATE OF QUANTITIES

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
11/18/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

ESTIMATE OF QUANTITIES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
C1	~~59~~ 63

202 (4) REMOVAL OF CULVERT PIPE

STATION	DIAMETER (IN)	LENGTH (FT)	REMARKS
~~355+90~~	~~24~~	~~60~~	~~BURIED~~
~~359+95~~	~~24~~	~~83~~	~~BURIED~~
788+60	36	~~55~~ 56	
797+90	24	~~65~~ 50.5	

202 (9) REMOVAL OF CURB AND GUTTER

STATION	OFFSET	LENGTH	REMARKS
1261+00	LT	55	BULB OUT
1262+60	LT	60	BULB OUT
~~1262+60~~	~~RT~~	~~75~~	
1263+00	RT	45	

606 (1) W-BEAM GUARDRAIL See Sheet D1-A for Additional work

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
~~271+30~~ 272+12	~~271+90~~ 273+17	RT	~~75~~ 125	MATCH TO EXISTING AND WRAP INTO ACCESS
~~461+10~~ 460+06	~~462+85~~ 462+	39 RT	~~175~~ 225	SUBGRADE REPAIR AREA INTERSPERSED REPAIRS
~~482+50~~ 482+35	~~484+50~~ 485+	35 RT	200	LONG POST REQUIRED
~~487+50~~ 488+00	~~497+00~~ 497+35	RT	~~950~~ 875	LONG POST REQUIRED
566+00	569+00	LT	300	LONG POST REQUIRED
~~993+95~~ 993+55	~~995+45~~ 996+67	RT	~~150~~ 338	SUBGRADE REPAIR AREA
1225+90	1226+90	RT	100	

606 (6) REMOVAL OF GUARDRAIL See Sheet D1-A for Additional Work

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
~~271+30~~ 272+23	~~271+80~~ 273+24	RT	~~50~~ 100	
~~461+10~~ 460+06	~~462+85~~ 463+39	RT	~~175~~ 225	SUBGRADE REPAIR AREA INTERSPERSED REPAIR
482+00	485+00	RT	300	
~~487+00~~ 488+50	~~497+50~~ 498+25	RT	~~1050~~ 975	
566+00	569+00	LT	300	
~~993+95~~ 993+34	~~995+45~~ 996+92	RT	~~150~~ 338	SUBGRADE REPAIR AREA
1225+40	1226+90	RT	150	

606 (12) GUARDRAIL/BRIDGE RAIL CONNECTION

STATION	OFFSET	REMARKS
1133+80	RT	Sheet N7 - REV 1
1133+80	LT	" "
1136+80	RT	" "
1136+80	LT	" "

606 (13) PARALLEL GUARDRAIL TERMINAL - See Sheet D1-A for Additional Work

STATION	OFFSET	LENGTH	REMARKS
482+00	RT	50	
485+00	RT	50	
487+00	RT	50	
497+50	RT	50	
1225+40	RT	50	

606 (15) DOWNSTREAM END ANCHOR

STATION	OFFSET	REMARKS
271+90	RT	

639 (3) APPROACH SUMMARY

STATION	OFFSET	WIDTH	REMARKS
52+50	LT	MATCH EXISTING	K STREET
72+00	LT	MATCH EXISTING	PAVED-TO CITY WATER PLANT
106+25	LT	MATCH EXISTING	
113+00	RT	MATCH EXISTING	PAVED
113+40	RT	MATCH EXISTING	PAVED-POW HATCHERY SITE
144+10	LT	MATCH EXISTING	PAVED
217+25	LT	MATCH EXISTING	UNPAVED
235+25	LT	MATCH EXISTING	UNPAVED
247+50	LT	MATCH EXISTING	UNPAVED
267+00	LT	MATCH EXISTING	PAVED APRON
272+00	RT	MATCH EXISTING	PAVED APRON
274+25	LT	MATCH EXISTING	UNPAVED
~~283+00~~	~~LT~~	~~MATCH EXISTING~~	Not Built
290+75	LT	MATCH EXISTING	UNPAVED
295+75	LT	MATCH EXISTING	UNPAVED
302+60	RT	MATCH EXISTING	
307+30	LT	MATCH EXISTING	UNPAVED
326+50	LT	MATCH EXISTING	UNPAVED
385+00	LT	MATCH EXISTING	UNPAVED
389+80	LT	MATCH EXISTING	UNPAVED
392+20	LT	MATCH EXISTING	UNPAVED
425+90	RT	MATCH EXISTING	PAVED APRON (BOAT LAUNCH)
440+70	LT	MATCH EXISTING	UNPAVED
505+40	LT	MATCH EXISTING	
640+60	LT	MATCH EXISTING	UNPAVED (GATED-USFS RD)
671+00	RT	MATCH EXISTING	UNPAVED
675+25	RT	MATCH EXISTING	UNPAVED
691+10	LT	MATCH EXISTING	20 MILE SPUR
704+50	RT	MATCH EXISTING	UNPAVED (DOT SAND STORAGE)
712+75	RT	MATCH EXISTING	HYDABURG RD
~~822+00~~	~~LT~~	~~MATCH EXISTING~~	~~UNPAVED~~ Not Built
826+10	RT	MATCH EXISTING	UNPAVED
926+50	RT	MATCH EXISTING	NEW DNR SUBDIVISION
942+40	RT	MATCH EXISTING	PAVED
953+10	RT	MATCH EXISTING	PAVED
962+10	RT	MATCH EXISTING	UNPAVED
964+10	RT	MATCH EXISTING	UNPAVED
964+60	RT	MATCH EXISTING	UNPAVED
966+00	RT	MATCH EXISTING	PAVED
970+40	RT	MATCH EXISTING	PAVED
989+60	RT	MATCH EXISTING	PAVED
1013+50	RT	MATCH EXISTING	LOWER HARRIS RIVER RD
1076+50	RT	MATCH EXISTING	CANOE PASS RD
1180+30	RT	MATCH EXISTING	TO HOLLIS ANCHORAGE
1080+50	RT	MATCH EXISTING	UNPAVED
1082+90	RT	MATCH EXISTING	PAVED APRON
1115+40	LT	MATCH EXISTING	MAYBESO CREEK RD
1115+50	RT	MATCH EXISTING	OLD HOLLIS RD
1149+25	RT	MATCH EXISTING	PAVED APRON
1156+60	LT	MATCH EXISTING	UNPAVED
1158+00	RT	MATCH EXISTING	UNPAVED
1158+50	LT	MATCH EXISTING	PAVED
1163+90	LT	MATCH EXISTING	MAYBESO CREEK RD
1191+80	RT	MATCH EXISTING	HOLLIS SPUR
1212+10	LT	MATCH EXISTING	UNPAVED
1216+25	RT	MATCH EXISTING	PENINSULA RD
1216+30	LT	MATCH EXISTING	PENINSULA RD
1219+00	RT	MATCH EXISTING	PAVED
1220+25	RT	MATCH EXISTING	UNPAVED
1224+00	RT	MATCH EXISTING	UNPAVED
1225+00	LT	MATCH EXISTING	PAVED
1252+25	LT	MATCH EXISTING	SUBDIVISION RD
215+60	LT		New Driveway for Private Property
235+95	LT		New Driveway for Private Property
516+36	RT		New Driveway for FAA Tower

AS-BUILT PLANS

INITIALS DW DATE 1/3/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KLW\68688\PLANSET\68688_D1-8_SUM.DWG
DRDODGE
TAB: D1 Friday, August 19, 2011 1:15:05 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA — 49th — Gregg K. Lockwood — CE-11850 — REGISTERED PROFESSIONAL ENGINEER — 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D1	~~59~~ 63

202 (4) REMOVAL OF CULVERT PIPE

STATION	DIAMETER (IN)	LENGTH (FT)	REMARKS
355+90	24	60	BURIED
359+95	24	83	BURIED
788+60	36	55	
797+90	24	65	

202 (9) REMOVAL OF CURB AND GUTTER

STATION	OFFSET	LENGTH	REMARKS
1261+00	LT	55	BULB OUT
1262+60	LT	60	BULB OUT

606 (1) W-BEAM GUARDRAIL

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
271+30	271+90	RT	75	MATCH TO EXISTING AND WRAP INTO ACCESS
461+10	462+85	RT	175	SUBGRADE REPAIR AREA
482+50	484+50	RT	200	LONG POST REQUIRED
487+50	497+00	RT	950	LONG POST REQUIRED
568+00	569+00	LT	300	LONG POST REQUIRED
993+95	995+45	RT	150	SUBGRADE REPAIR AREA
1225+90	1226+90	RT	100	

606 (6) REMOVAL OF GUARDRAIL

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
271+30	271+80	RT	50	
461+10	462+85	RT	175	SUBGRADE REPAIR AREA
482+00	485+00	RT	300	
487+00	497+50	RT	1050	
566+00	569+00	LT	300	
993+95	995+45	RT	150	SUBGRADE REPAIR AREA
1225+40	1226+90	RT	150	

606 (12) GUARDRAIL/BRIDGE RAIL CONNECTION

STATION	OFFSET	REMARKS
1133+80	RT	
1133+80	LT	
1136+80	RT	
1136+80	LT	

606 (13) PARALLEL GUARDRAIL TERMINAL

STATION	OFFSET	LENGTH	REMARKS
482+00	RT	50	
485+00	RT	50	
487+00	RT	50	
497+50	RT	50	
1225+40	RT	50	

606 (15) DOWNSTREAM END ANCHOR

STATION	OFFSET	REMARKS
271+90	RT	

ADDITIONAL 606(1) W-BEAM GUARDRAIL

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
222+00	222+75	RT	75	
237+35	238+47.5	LT	112.5	50 LF LONG POST OVER PIPE P-52
292+33	293+08	LT	75	
621+40	621+34	RT	6.25	NEW BREAKAWAY POST
959+39	959+45	RT	6.25	NEW BREAKAWAY POST
1037+50	1039+00	RT	150	
1093+10	1093+85	RT	75	
1098+81	1098+87	RT	6.25	NEW BREAKAWAY POST
1154+22	1154+28	LT	6.25	NEW BREAKAWAY POST

ADDITIONAL 606(6) REMOVAL OF GUARDRAIL

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
222+00	222+37	RT	37.5	
292+22	293+47	LT	125	
900+75	901+50	RT	75	
1039+18	1039+61	RT	250	
1105+68	1106+18	RT	50	
1093+10	1093+47	RT	37.5	

ADDITIONAL 606(13) PARALLEL GUARDRAIL TERMINAL

FROM STA	TO STA	OFFSET	LENGTH	REMARKS
222+75	223+25	RT	50	
236+85	237+35	LT	50	
238+47	238+97	LT	50	
292+85	293+35	LT	50	
900+76	901+26	RT	50	
996+69	997+19	RT	50	
1039+18	1039+68	RT	50	
1039+11	1039+61	RT	50	
1093+85	1094+35	RT	50	
1105+68	1106+18	RT	50	

AS-BUILT PLANS

INITIALS OW DATE 1/9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: D:\KLWK\MISC\SUM\PLAN SHEETS\68688_D1-8_SUM.DWG
DRD\CODE
TAB: D1 Friday, August 19, 2011 1:15:05 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

ADDITIONAL GUARDRAIL WORK

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th — Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER — 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION
STP-0924(18)

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D1-A	~~59~~ 63

603 CULVERT PIPE SUMMARY

PIPE NO	STA	SIZE (IN)	TYPE	LENGTH (FEET)	APPROX CL BURIAL	ACTION	NOTES
P-1	49+00	48	CPP	90.8	4	REPLACE	
P-1(b)	58+00	24	CPP	~~90~~ 60.5	4	REPLACE	
P-2	61+90	24	CPP	~~77~~ 60.5	4	REPLACE	
P-3	65+00	60	CAP	80.4	4	REPLACE	INSTALL FISH PIPE, SEE SHEET J1
P-4	69+44	24	CPP	~~88~~ 50.9	4	REPLACE	
P-5	74+40	24	CPP	60.4	4	REPLACE	
P-6	78+65	24	CPP	~~76~~ 70.8	4	REPLACE	
P-7	86+80	~~48~~ 60	~~CPP~~ CAP	72.4	4	REPLACE	RFP 2A, IWA 2
P-8	91+80	24	CPP	~~77~~ 78.6	4	REPLACE	RFP 4, Installed Twice, in 2012 and 2013
P-9	96+10	24	CPP	~~82~~ 83.5	4	REPLACE	
P-10	101+90	24	CPP	~~98~~ 94.5	4	REPLACE	
P-11	107+95	24	CPP	~~145~~ 112.7	4	REPLACE	
P-12	114+55	48	CPP	~~99~~ 79.6	4	SLEEVE OR REPLACE	
P-13	116+60	24	CPP	~~74~~ 65.4	4	REPLACE	
P-14	128+60	24	CPP	~~127~~ 60.6	4	REPLACE	
P-15	132+55	~~48~~ 24	CPP	~~57~~ 60.3	8	REPLACE	Diameter Changed to Match Existing
P-16	135+15	48	CPP	111.7	10	SLEEVE OR REPLACE	
P-17	143+00	60	CAP	70.2	3	REPLACE	INSTALL FISH PIPE, SEE SHEET J1
P-18	146+80	24	CPP	~~101~~ 60.4	4	REPLACE	
P-28	171+90	24	CPP	~~88~~ 67.8	4	REPLACE	
P-42	217+60	24	CAP	10		REPAIR	REPAIR END OF 24" CAP
P-46	222+00	24	CAP	10		REPAIR	REPAIR END OF 24" CAP
P-47	223+00	48	CPP	~~80~~ 70.3		REPLACE	FIELD ALIGN AS DIRECTED
P-~~48~~ 49	227+00	24	CAP	10		REPAIR	TYPO REPAIR END OF 24" CAP
P-52	237+50	95X76	CAPA	65.1		REPLACE	INSTALL FISH PIPE 95"X76" CAPA, SEE SHEET J2
P-53	238+40	117X79	CAPA	77.6		REPLACE	INSTALL FISH PIPE 117"X79" CAPA, SEE SHEET J2
P-57	255+25	36	CAP	20		REPAIR	REPAIR ENDS
P-75	333+45	60x46	CAPA	~~61~~ 60.4	4	REPLACE	
P-86	356+00	24	CPP	~~60~~ 63.8	2.5	REPLACE	
P-90	360+60	112x75	CAPA	100.2	6	REPLACE	INSTALL 112"X75" CAPA, NEW LOCATION
P-98	382+80	60X46	CAPA	~~65~~ 64.8	2.5	REPLACE	
P-102	393+90	48	CAP	10	4	REPAIR	EXTEND DISCHARGE END 10'
P-104	401+85	30	CPP	~~60~~ 59.9	3	REPLACE	
P-105	403+40	30	CPP	~~60~~ 56.0	3	REPLACE	
P-115	467+55	30	CPP	~~73~~ 75.1	8	REPLACE	RAISE INVERT 4'
P-145	594+00	87x63	CAPA	72	4	REPLACE	INSTALL FISH PIPE 87"X63" CAPA, SEE SHEET J3
P-149	619+25	36	CPP	~~70~~ 71.3	6	REPLACE	
P-162	678+65	36	CPP	~~70~~ 101.2	8	REPLACE	
P-163	680+50	24	CPP	~~66~~ 81.2	7	REPLACE	
P-165	690+10	30	CPP	~~78~~ 85.7	5	REPLACE	
P-166	700+75	30	CPP	~~73~~ 80.3	10	REPLACE	
P-167	705+60	30	CPP	~~44~~ 54.0	3	REPLACE	
P-168	709+80	48	CPP	~~63~~ 86.3	10	REPLACE	
P-169	711+90	30	CPP	~~51~~ 73.6	8	REPLACE	
P-171	718+10	24	CPP	~~56~~ 66.0	2.5	REPLACE	REINSTALL AT HIGHER LEVEL
P-172	722+30	36	CPP	~~47~~ 92.0	6	REPLACE	
P-173	724+50	36	CPP	~~53~~ 61.8	3	REPLACE	
P-175	732+00	30	CPP	~~47~~ 60.3	3	REPLACE	
P-176	736+15	24	CPP	~~44~~ 66.0	4	REPLACE	
P-179	747+50	48	CPP	~~85~~ 87.5	6	REPLACE	
P-180	749+00	30	CPP	~~43~~ 80.3	8	REPLACE	
P-181	753+85	24	CPP	~~80~~ 67.5	5	REPLACE	
P-183	757+60	42	CPP	~~65~~ 66.5	3	REPLACE	
P-184	758+30	36	CPP	~~58~~ 70.0	8	REPLACE	
P-185	760+00	36	CPP	~~55~~ 65.4	6	REPLACE	
P-178	744+00	24	CPP	60.0		REPLACE	RFP #7

603 CULVERT PIPE SUMMARY

PIPE NO	STA	SIZE (IN)	TYPE	LENGTH (FEET)	APPROX CL BURIAL	ACTION	NOTES
P-186	765+40	24	CPP	~~43~~ 60.3	5	REPLACE	
P-187	767+60	24	CPP	~~50~~ 62.9	5	REPLACE	
P-188	773+00	30	CPP	~~46~~ 52.0	3	REPLACE	
P-189	776+75	24	CPP	~~47~~ 63.8	6	REPLACE	
P-190	777+90	36	CPP	~~47~~ 62.2	5	REPLACE	
P-191	783+60	24	CPP	53.2	3	REPLACE	
P-193(a)	788+50	48	CPP	~~55~~ 60.1	5	REPLACE	
P-194	790+80	24	CPP	~~50~~ 66.1	5	REPLACE	
P-196	795+20	30	CPP	~~43~~ 58.6	4	REPLACE	
P-197	797+90	87x63	CAPA	~~65~~ 64.6	6	REPLACE	
P-199	801+15	60	CPP	~~80~~ 80.7	4	REPLACE	
P-200	812+50	24	CPP	~~86~~ 64.3	3	REPLACE	
P-201	815+75	24	CPP	~~52~~ 64.3	3	REPLACE	
P-204	824+95	24	CPP	~~49~~ 65.8	5	REPLACE	
P-205	830+55	24	CPP	~~45~~ 65.7	6	REPLACE	
P-206	832+70	24	CPP	~~58~~ 61.2	5	REPLACE	
P-208	835+25	48	CPP	~~66~~ 66.3		REPLACE	
P-209	839+65	30	CPP	~~66~~ 62.8	7	REPLACE	
P-210	841+60	24	CPP	~~55~~ 60.5	3.5	REPLACE	
P-212	846+70	~~36~~ 30	CPP	60.5	3.5	REPLACE	ϕ Changed to Match Ext.
P-213	851+70	36	CPP	~~54~~ 66.4	4	REPLACE	
P-214	854+30	24	CPP	~~51~~ 61.4	3	REPLACE	
P-215	858+75?	30	CPP	~~63~~ 70.4	4	REPLACE	
P-216	862+65	24	CPP	52 70.9	4	REPLACE	
P-217	867+50	42	CPP	~~56~~ 68.1	4	REPLACE	
P-218	867+65	48	CPP	~~50~~ 62.0	4	REPLACE	
P-219	872+50	24	CPP	45 60.3	4	REPLACE	
P-220	874+52	30	CPP	~~54~~ 64.9	4	REPLACE	
P-221	876+00	24	CPP	~~50~~ 60.4	4	REPLACE	
P-222	877+95	24	CPP	~~44~~ 53.9	4	REPLACE	
P-223	880+40	24	CPP	~~42~~ 62.7	3.5	REPLACE	
P-224	882+75	30	CPP	~~58~~ 65.7	3	REPLACE	
P-226	885+25	36	CPP	~~70~~ 71.4	3	REPLACE	
P-227	885+90	42	CPP	~~66~~ 69.0	3	REPLACE	
P-230	890+35	24	CPP	~~44~~ 64.8	4	REPLACE	
P-231	894+00	24	CPP	~~56~~ 64.0	4	REPLACE	
P-232	895+10	30	CPP	~~56~~ 49.8	3	REPLACE	
P-233	896+10	30	CPP	~~50~~ 57.6	4	REPLACE	
P-234	898+80	~~54~~ 24	CPP	~~50~~ 60.3	4	REPLACE	TYPO
P-235	900+55	~~30~~ 24	CPP	~~47~~ 53.5	3.5	REPLACE	ϕ Changed to Match Ext.
P-236	904+75	24	CPP	~~47~~ 63.8	3	REPLACE	
P-237	980+80	30	CPP	~~49~~ 59.5	4	REPLACE	
P-238	913+55	~~48~~ 60	CPP	~~53~~ 74.5	4	REPLACE	ϕ Changed to Match Ext
P-239	915+55	30	CPP	~~53~~ 65.6	3	REPLACE	Installed then removed, see below
P-240	917+80	~~24~~ 42	CPP	~~80~~ 60.3	4.5	REPLACE	ϕ Changed Est. 10
P-241	919+05	24	CPP	~~75~~ 76.6	4.5	REPLACE	
P-243	923+45	30	CPP	63.5	3	REPLACE	
P-244	926+60	24	CPP	~~75~~ 81.1	4	REPLACE	
P-245	928+10	30	CPP	~~52~~ 60.1	4	SLEEVE OR REPLACE	
P-246	933+80	24	CPP	~~52~~ 65.5	4	SLEEVE OR REPLACE	
P-247	935+50	24	CPP	~~73~~ 60.5	4	REPLACE	
P-248	938+70	30	CPP	~~56~~ 60.4	3	SLEEVE OR REPLACE	
P-249	940+50	30	CPP	~~42~~ 55.0	4	SLEEVE OR REPLACE	
P-250	941+75	36	CPP	~~63~~ 66.4	4	SLEEVE OR REPLACE	
P-251	944+25	24	CPP	~~50~~ 63.9	4	REPLACE	
P-239	915+55	48	CPP	70.0	3	Second Installation	ϕ Changed RFP5, Landslide

NOTES:
1. APPROXIMATE BURIAL DEPTH TAKEN AT ROADWAY CENTERLINE MEASURED FROM EXISTING GRADE TO TOP OF PIPE.
2. FIELD VERIFY BURIAL DEPTH.
3. NEW PIPE LOCATIONS AND INVERTS SHALL MATCH EXISTING LOCATIONS AND INVERTS UNLESS OTHERWISE DETAILED IN THE PLANS.
4. THE ENGINEER MAY DIRECT TO MAKE MINOR ADJUSTMENTS TO BETTER MATCH TOPOGRAPHY.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KLW\68688\PLANSET\68688_C1_D1-3_SUM.DWG
DRDODGE
TAB: D2 Friday, November 04, 2011 7:39:22 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11650
REGISTERED PROFESSIONAL ENGINEER
11/4/11

DESIGNED BY: G. LOCKWOOD
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D2	~~59~~ 63

603 CULVERT PIPE SUMMARY

PIPE NO	STA	SIZE (IN)	TYPE	LENGTH (FEET)	APPROX CL BURIAL	ACTION	NOTES
P-252	946+50	30	CPP	~~54~~ 60.0	4	REPLACE	
P-253	948+75	30	CPP	~~60~~ 55.9	4	REPLACE	
P-256	956+60	60	CPP	~~49~~ 92.9	4	REPLACE	
P-257	961+90	24	CPP	~~60~~ 67.9	2.5	REPLACE	
P-258	968+50	36	CPP	~~48~~ 67.2	4	REPLACE	
P-259	975+60	36	CPP	~~62~~ 76.2	3	SLEEVE OR REPLACE	
P-260	981+90	24	CPP	60.5	4	REPLACE	
P-261	984+75	24	CPP	~~53~~ 81.0	4	REPLACE	
P-263	990+50	42	CPP	~~52~~ 65.9	4	SLEEVE OR REPLACE	
P-264	994+15	60	CPP	~~50~~ 130.5	4	REPLACE	
P-265	997+75	60	CPP	~~62~~ 95.3	3	SLEEVE OR REPLACE	
P-267	999+70	~~24~~ 30	CPP	~~48~~ 74.9	3	REPLACE	Diameter Changed to Match Existing
P-268	1004+05	24	CPP	~~44~~ 60.5	3	SLEEVE OR REPLACE	
P-269	1013+60	36	CPP	~~61~~ 60.8	3	REPLACE	
P-270	1015+55	60	CPP	~~58~~ 86.3	3	REPLACE	
P-271	1017+45	30	CPP	~~53~~ 60.8	3	SLEEVE OR REPLACE	
P-272	1025+90	36	CPP	~~44~~ 60.3	3	SLEEVE OR REPLACE	
P-273	1027+00	30	CPP	60.2	3	SLEEVE OR REPLACE	
P-274	1033+50	36	CPP	73.5	3	SLEEVE OR REPLACE	
P-275	1036+80	36	CPP	62.4	3	SLEEVE OR REPLACE	
P-276	1040+00	24	CPP	~~59~~ 76.0	3	REPLACE	
P-277	1048+50	24	CPP	~~55~~ 65.2	3	REPLACE	
P-278	1059+65	42	CPP	~~51~~ 62.0	3	REPLACE	
P-279	1062+40	42	CPP	~~55~~ 63.0	3	REPLACE	
P-280	1065+50	24	CPP	~~49~~ 60.5	3	REPLACE	
P-281	1067+60	30	CPP	~~49~~ 64.0	4	REPLACE	
P-282	1072+75	24	CPP	~~66~~ 75.5	4	REPLACE	
P-283	1074+25	36	CPP	~~54~~ 59.4	4	REPLACE	
P-284	1081+45	~~24~~ 30	CPP	~~52~~ 64.0	4	SLEEVE OR REPLACE	Diameter Changed to Match Existing
P-285	1084+95	24	CPP	55	4	REPLACE	
P-286	1094+40	24	CPP	~~56~~ 57.1	4	SLEEVE OR REPLACE	
P-287	1099+75	42	CPP	~~46~~ 59.4	4	SLEEVE OR REPLACE	
P-288	1103+45	42	CPP	~~50~~ 70.0	4	SLEEVE OR REPLACE	
P-289	1110+00	36	CPP	~~54~~ 96.3	15	SLEEVE OR REPLACE	~15' BURY DEPTH
P-290	1119+00	~~48~~ 60	~~CAP~~ CPP	~~91~~ 20.0		REPAIR	PARTIAL REPLACEMENT, SEE SHEET J3
P-291	1132+00	24	CPP	~~66~~ 60.4	4	REPLACE	
P-292	1146+50	24	CPP	~~46~~ 55.8	4	REPLACE	
P-294	1159+60	60	CPP	~~60~~ 80.9	8	REPLACE	
P-295	1164+50	24	CPP	~~50~~ 68.5	4	REPLACE	
P-297	1172+25	24	CPP	~~46~~ 60.8	4	REPLACE	
P-298	1176+10	24	CPP	~~50~~ 56.4	4	REPLACE	
P-299	1180+00	60	CPP	~~128~~ 121.6	10	SLEEVE OR REPLACE	~10' BURY DEPTH
P-300	1186+90	24	CPP	~~60~~ 58.7	4	REPLACE	
P-301	1191+65	24	CPP	~~66~~ 70.8	4	REPLACE	
P-302	1204+70	24	CPP	~~66~~ 64.8	4	REPLACE	
P-303	1207+50	24	CPP	~~67~~ 66.3	4	REPLACE	
P-304	1217+25	24	CPP	~~50~~ 60.5	4	REPLACE	
P-305	1226+55	~~24~~ 36	CPP	~~48~~ 121.4	8	REPLACE	Upsize Existing
P-306	1228+45	36	CPP	~~48~~ 65.1	6	REPLACE	
P-307	1239+00	36	CPP	~~52~~ 81.6	12	SLEEVE OR REPLACE	~12 FT BURY DEPTH AT DISCHARGE
P-308	1241+50	24	CPP	~~78~~ 75.3	15	REPLACE	~15' BURY DEPTH
P-309	1243+50	48	CPP	~~127~~ 90.6	20	SLEEVE OR REPLACE	~20' BURY DEPTH
P-310	1252+80	24	CPP	~~55~~ 80.8	3	REPLACE	
P-311	1258+75	48	CPP	~~101~~ 90.4	15	SLEEVE OR REPLACE	~15' BURY DEPTH

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: G:\KLW\68688\PLANSET\68688_C1_D1-3_SUM.DWG
DRDODGE
TAB: D3 Tuesday, August 23, 2011 2:47:03 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
19th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D3	~~59~~ 63

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBEDMENT DEPTH	COMMENTS
1	SPEED LIMIT 50	46+78	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	
2	SPEED LIMIT 25	46+92	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	
3	SPEED ZONE AHEAD	51+35	LT	R2-5A	36	30	7.50	2.5 PST	4'-6"	
4	STOP	52+04	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	
5	MILE 8	55+99	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
6	KLAWOCK CITY LIMITS	72+50	LT							EXISTING SIGN TO REMAIN
7	STATE TROOPERS, ~~1 MILE~~ 2 MILES; PHONE (907) ~~755-2918~~ 826-2918 OR (907) 225-5118 FOR EMERGENCY	83+02	LT	D9-221	84	30	17.50	2.5 PST	4'-6"	USE FONT SERIES "E", 6" LETTERS
8	STOP	105+80	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	
9	MILE 9	108+80	RT	D10-1	10	18	1.25	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
10	STOP	113+64	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
11	DO NOT LITTER	122+27	RT	R16-1A	30	30	6.25	2.5 PST	4'-6"	
12	HALFMILE CR	154+32	RT	I-3	90	22	13.75	2.5 PST	4'-6"	
13	HALFMILE CR	156+72	LT	I-3	90	22	13.75	2.5 PST	4'-6"	
14	MILE 10	161+60	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
15	MILE 11	214+40	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
16	MILE 12	266+50	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
17	THREE MILE CR	270+35	RT	I-3	108	22	16.50	2-2.0 PST	4'-6"	
18	STOP	272+45	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
19	THREE MILE CR	272+81	LT	I-3	108	22	16.50	2-2.0 PST	4'-6"	
20	MILE 13	320+00	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
21	MILE 14	372+80	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
22	SPEED LIMIT 50	390+52	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	
23	SPEED LIMIT 50	390+55	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	
24	35 MPH	406+18	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 25
25	ARROW LEFT	406+18	RT	W1-2(L)	36	36	9.00	2.5 PST	4'-6"	
26	CHEVRON (SYMBOL)	412+25	RT	W1-8(L)	30	24	5.00	2.5 PST	4'-6"	
27	CHEVRON (SYMBOL)	412+25	RT	W1-8(R)	30	24	5.00			MOUNT BEHIND SIGN 26
28	CHEVRON (SYMBOL)	412+99	RT	W1-8(L)	30	24	5.00	2.5 PST	4'-6"	
29	CHEVRON (SYMBOL)	412+99	RT	W1-8(R)	30	24	5.00		4'-6"	MOUNT BEHIND SIGN 28
30	CHEVRON (SYMBOL)	413+74	RT	W1-8(L)	30	24	5.00	2.5 PST	4'-6"	
31	CHEVRON (SYMBOL)	413+74	RT	W1-8(R)	30	24	5.00			MOUNT BEHIND SIGN 30
32	CHEVRON (SYMBOL)	414+48	RT	W1-8(L)	30	24	5.00	2.5 PST	4'-6"	
33	CHEVRON (SYMBOL)	414+48	RT	W1-8(R)	30	24	5.00			MOUNT BEHIND SIGN 32
34	CHEVRON (SYMBOL)	415+23	RT	W1-8(L)	30	24	5.00	2.5 PST	4'-6"	
35	CHEVRON (SYMBOL)	415+23	RT	W1-8(R)	30	24	5.00			MOUNT BEHIND SIGN 34
36	CHEVRON (SYMBOL)	415+98	RT	W1-8(L)	30	24	5.00	2.5 PST	4'-6"	
37	CHEVRON (SYMBOL)	415+98	RT	W1-8(R)	30	24	5.00			MOUNT BEHIND SIGN 36
38	ARROW RIGHT	424+82	LT	W1-2(R)	36	36	9.00	2.5 PST	4'-6"	
39	35 MPH	424+82	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 38
40	MILE 15	426+50	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
41	45 MPH	467+38	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 42
42	MULTIPLE CURVE (SYMBOL)	467+38	RT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
43	MILE 16	478+40	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
44	45 MPH	484+97	LT	W13-1	24	24	4.00	2.5 PST	4'-6"	
45	MULTIPLE CURVE (SYMBOL)	499+20	LT	W1-5(L)	36	36	9.00	2.5 PST	4'-6"	
46	45 MPH	499+20	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 45
47	MILE 17	531+20	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
48	40 MPH	549+02	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 49
49	ARROW LEFT	549+02	RT	W1-2(L)	36	36	9.00	2.5 PST	4'-6"	
50	ARROW RIGHT	560+98	LT	W1-2(R)	36	36	9.00	2.5 PST	4'-6"	
51	40 MPH	560+98	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 50
52	MILE 18	584+00	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
53	40 MPH	596+90	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 54
54	MULTIPLE CURVE (SYMBOL)	596+90	RT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
55	MULTIPLE CURVE (SYMBOL)	629+48	LT	W1-5(R)	24	24	4.00	2.5 PST	4'-6"	
56	40 MPH	629+48	LT	W13-1	36	36	9.00			MOUNT BELOW SIGN 55
57	MILE 19	636+80	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
58	STEEP GRADE	639+33	LT	W7-1	36	36	9.00	2.5 PST	4'-6"	
59	40 MPH	640+05	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 60
60	MULTIPLE CURVE (SYMBOL)	640+05	RT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th David Scott Epstein CE-6866 REGISTERED PROFESSIONAL ENGINEER 8.22.11

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D4	~~59~~ 63

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBEDMENT DEPTH	COMMENTS
61	PICNIC AREA (SYMBOL)	642+07	RT	D7-RM-120	24	24	4.00			MOUNT BELOW SIGN 62
62	CAMPING AREA (SYMBOL)	642+07	RT	D7-RM-010	24	24	4.00			MOUNT BELOW SIGN 63
63	HARRIS RIVER CAMPGROUND, 1/2 MILE	642+07	RT	D7-1	72	42	21.00	2-4 X 6 WOOD	3'	
64	MULTIPLE CURVE (SYMBOL)	669+69	LT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
65	40 MPH	669+69	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 64
66	SLIPPERY WHEN WET	671+47	RT	W8-5P	24	18	3.00			MOUNT BELOW SIGN 67
67	SLIPPERY WHEN WET (SYMBOL)	671+47	RT	W8-5	36	36	9.00			MOUNT BELOW SIGN 68
68	HARRIS RIVER	671+47	RT	I-3	96	22	14.67	2-2.0 PST	4'-6"	
69	HARRIS RIVER	673+69	LT	I-3	96	22	14.67	2-2.0 PST	4'-6"	
70	SLIPPERY WHEN WET (SYMBOL)	673+69	LT	W8-5	36	36	9.00			MOUNT BELOW SIGN 69
71	SLIPPERY WHEN WET	673+69	LT	W8-5P	24	18	3.00			MOUNT BELOW SIGN 70
72	STOP	675+60	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
73	HARRIS RIVER CAMPGROUND	675+99	LT	D7-1	72	30	15.00	2-2.0 PST	4'-6"	
74	CAMPING AREA (SYMBOL)	680+19	LT	D7-RM-010	24	24	4.00	2.5 PST	4'-6"	
75	LEFT DIRECTIONAL ARROW	680+19	LT	D9-301	24	6	1.00			MOUNT BELOW SIGN 74
76	CAMPING	680+19	LT	D7-RM-210	24	6	1.00			MOUNT BELOW SIGN 75
77	MILE 20	689+60	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
78	STOP	690+86	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	
79	HIKER (SYMBOL)	694+98	LT	D7-RL-100	24	24	4.00	2.5 PST	4'-6"	
80	TRAIL	694+98	LT	D7-RM-210	24	6	1.00			MOUNT BELOW SIGN 79
81	RIGHT DIRECTIONAL ARROW	694+98	LT	D9-301	24	6	1.00			MOUNT BELOW SIGN 80
82	HARRIS RIVER CAMPGROUND, 1/2 MILE	699+97	LT	D7-1	72	42	21.00	2-2.0 PST	4'-6"	
83	HYDABURG 23 =>	709+44	RT	D1-1A	108	24	18.00	2-2.0 PST	4'-6"	
84	SPEED LIMIT 50	710+43	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	
85	<= KLAWOCK 14, CRAIG 21/ HOLLIS 10 =>	712+67	LT	D1-3A-2	96	55	36.67	2-4 X 6 WOOD	3'	USE FONT "Em" SERIES 2000, 8" LETTERS
86	STOP	713+12	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
87	SPEED LIMIT 50	715+24	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	
88	<= HYDABURG 23	718+20	LT	D1-1A	108	24	18.00	2-2.0 PST	4'-6"	
89	MILE 21	742+40	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
90	MILE 22	795+20	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
91	HARRIS RIVER TRAIL, 1/4 MILE	801+99	RT	D7-1	72	42	21.00	2-2.0 PST	4'-6"	
92	HIKER (SYMBOL)	825+26	RT	D7-RL-100	24	24	4.00	2.5 PST	4'-6"	
93	TRAIL	825+26	RT	D7-RM-210	24	6	1.00			MOUNT BELOW SIGN 92
94	RIGHT DIRECTIONAL ARROW	825+26	RT	D9-301	24	6	1.00			MOUNT BELOW SIGN 93
95	HARRIS RIVER TRAIL, 1/4 MILE	838+50	LT	D7-1	72	42	21.00	2-2.0 PST	4'-6"	
96	MILE 23	848+00	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
97	MILE 24	900+80	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
98	STOP	926+78	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
99	MILE 25	953+60	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
100	HARRIS RIVER TRAIL, 1/4 MILE	986+70	RT							REMOVE. INSTALL NEW SIGN AT 1000+30 RT
101	HARRIS RIVER TRAIL, 1/4 MILE	1000+30	RT	D7-1	72	42	21.00	2-2.0 PST	4'-6"	
102	MILE 26	1006+40	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
103	SPEED LIMIT 50	1012+13	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	
104	HARRIS RIVER RD	1013+90	RT	D3-1	42	12	3.50	2.5 PST	4'-6"	USE FONT SERIES "C", 4" LETTERS
105	STOP	1013+90	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	MOUNT BELOW SIGN 104
106	SPEED LIMIT 50	1018+83	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	
107	HARRIS RIVER TRAIL, 1/4 MILE	1026+70	LT	D7-1	72	42	21.00	2-2.0 PST	4'-6"	
108	MILE 27	1059+20	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
109	STEEP GRADE	1075+62	RT	W7-1	36	36	9.00	2.5 PST	4'-6"	
110	CANOE PASS RD	1076+50	RT	D3-1	42	12	3.50	2.5 PST	4'-6"	USE FONT SERIES "C", 4" LETTERS
111	STOP	1076+50	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	MOUNT BELOW SIGN 110
112	45 MPH	1083+30	RT							REMOVE DO NOT REPLACE
113	ARROW LEFT	1083+30	RT							REMOVE DO NOT REPLACE
114	40 MPH	1098+46	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 115
115	MULTIPLE CURVE (SYMBOL)	1098+46	RT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
116	"T" INTERSECTION (SYMBOL)	1101+80	RT	W2-2R	36	36	9.00	2.5 PST	4'-6"	
117	STOP	1108+68	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
118	INTERSECTION (SYMBOL)	1110+83	RT	W2-1	36	36	9.00	2.5 PST	4'-6"	
119	"T" INTERSECTION (SYMBOL)	1112+00	LT	W2-2L	36	36	9.00	2.5 PST	4'-6"	
120	MILE 28	1112+00	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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DRDODGE
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

AS-BUILT PLANS

INITIALS DW DATE 1/9/15

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
David Breed Epstein
CE-6666
REGISTERED PROFESSIONAL ENGINEER
8.22.11

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION
STP-0924(18)

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
D5	~~59~~ 63

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	EMBEDMENT DEPTH	COMMENTS
121	MULTIPLE CURVE (SYMBOL)	1113+57	LT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
122	40 MPH	1113+57	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 121
123	NO PARKING	1116+19	RT	R8-3	30	24	5.00	2.5 PST	4'-6"	
124	NO PARKING	1116+76	RT	R8-3	30	24	5.00	2.5 PST	4'-6"	
125	INTERSECTION (SYMBOL)	1118+57	LT	W2-1	36	36	9.00	2.5 PST	4'-6"	
126	40 MPH	1123+78	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 127
127	MULTIPLE CURVE (SYMBOL)	1123+78	RT	W1-5(L)	36	36	9.00	2.5 PST	4'-6"	
128	SLIPPERY WHEN WET (SYMBOL)	1133+49	RT	W8-5	36	36	9.00			MOUNT BELOW SIGN 129
129	MAYBESO CREEK	1133+49	RT	I-3	114	22	17.42	2-2.0 PST	4'-6"	
130	MAYBESO CREEK	1137+91	LT	I-3	114	22	17.42	2-2.0 PST	4'-6"	
131	SLIPPERY WHEN WET (SYMBOL)	1138+48	LT	W8-5	36	36	9.00	2.5 PST	4'-6"	
132	MULTIPLE CURVE (SYMBOL)	1145+49	LT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
133	40 MPH	1145+49	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 132
134	45 MPH	1149+84	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 135
135	ARROW RIGHT	1149+84	RT	W1-2(R)	36	36	9.00	2.5 PST	4'-6"	
136	STOP	1163+55	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	
137	MILE 29	1164+80	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
138	STATE TROOPERS, ~~22~~ 29 MILES, PHONE (907) ~~755-2918~~ 826-2918 OR (907) 225-5118 FOR EMERGENCY	1165+52	LT	D9-221	84	30	17.50	2-2.0 PST	4'-6"	
139	ARROW LEFT	1174+21	LT	W1-2(L)	36	36	9.00	2.5 PST	4'-6"	
140	45 MPH	1174+21	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 139
141	^ FERRY, HOLLIS =>	1187+40	RT	D3-1C	60	42	17.50	2-4 X 6 WOOD	3'	
142	<= KLAWOCK 22, CRAIG 29, THORNE BAY 50	1191+51	LT	D1-2A-1	114	48	38.00	2-4 X 6 WOOD	3'	USE FONT "Em" SERIES 2000, 8" LETTERS
143	STOP	1192+24	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	
144	KLAWOCK 22, CRAIG 29, THORNE BAY 50	1199+28	LT	D2-3	114	48	38.00	2-4 X 6 WOOD	3'	USE FONT "Em" SERIES 2000, 8" LETTERS
145	HARRIS RIVER CAMPGROUND, 10 MILES	1204+09	LT	D7-1	72	42	21.00	2.5 PST	4'-6"	
146	STOP	1216+15	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	MOUNT BELOW SIGN 147
147	PENINSULA RD	1216+15	LT	D3-1	42	12	3.50			USE FONT SERIES "C", 4" LETTERS
148	PENINSULA RD	1216+45	RT	D3-1	42	12	3.50			USE FONT SERIES "C", 4" LETTERS
149	STOP	1216+45	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	MOUNT BELOW SIGN 148
150	MILE 30	1217+58	RT	D10-2	10	27	1.88	2.5 PST	4'-6"	MOUNT TWO SIGNS BACK TO BACK
151	40 MPH	1222+13	RT	W13-1	24	24	4.00			MOUNT BELOW SIGN 152
152	MULTIPLE CURVE (SYMBOL)	1222+13	RT	W1-5(R)	36	36	9.00	2.5 PST	4'-6"	
153	40 MPH	1235+02	RT	W13-1	24	24	4.00	2.5 PST	4'-6"	
154	NO PARKING ON PAVEMENT	1241+13	LT	R8-1	30	24	5.00	2.5 PST	4'-6"	
155	OR WITHIN 8 FEET	1241+13	LT	R8-1A	24	12	2.00			MOUNT BELOW SIGN 154
156	MULTIPLE CURVE (SYMBOL)	1245+25	LT	W1-5(L)	36	36	9.00	2.5 PST	4'-6"	
157	40 MPH	1245+25	LT	W13-1	24	24	4.00			MOUNT BELOW SIGN 156
158	STOP	1251+86	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	
159	END ROAD 1000 FEET	1252+25	RT	W14-101	36	36	9.00	2.5 PST	4'-6"	
160	SPEED LIMIT 30	1254+18	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	
161	SPEED LIMIT 50	1258+23	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	
162	BUCKLE UP IT'S THE LAW	1259+23	LT	R16-1A	48	30	10.00			
163	MILE 31	1259+84	RT							REMOVE DO NOT REPLACE
164	ALASKA STATE SCENIC BYWAY	1259+84	LT							EXISTING SIGN TO REMAIN
165	HOLLIS 2, CRAIG 30, THORNE BAY 51	1260+23	LT	D2-3	114	48	38.00	2-4 X 6 WOOD	3'	USE FONT "Em" SERIES 2000, 8" LETTERS
166	90 DEG RIGHT ARROW	1260+70	RT							REMOVE DO NOT REPLACE
167	10 MPH	1260+70	RT							REMOVE DO NOT REPLACE
168	PARKING STAGING =>	1261+00	LT	D1-2-1	54	24	9.00			USE FONT "Em" SERIES 2000 MOUNT BEHIND SIGN 170
169	DO NOT ENTER	1261+00	LT	R5-1	36	36	9.00			MOUNT BEHIND SIGN 170
170	PARKING STAGING =>/CRAIG, KLAWOCK ^	1261+00	LT	D1-3-2	66	42.75	19.59	2-4 X 6 WOOD	3'	USE FONT "Em" SERIES 2000
171	LONG TERM PARKING	1261+50	RT	D1-2	68	24	11.33	2-2.0 PST	4'-6"	USE FONT "Em" SERIES 2000
172	ONE WAY (LARGE ARROW SYMBOL)	1263+00	LT	W1-6L	36	18	4.50	2.5 PST	4'-6"	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TAB: D6 Monday, August 22, 2011 9:15:23 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

AS-BUILT PLANS

INITIALS DW DATE 1/6/15

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
David Bruce Epstein
CE-6666
REGISTERED PROFESSIONAL ENGINEER
8.22.11

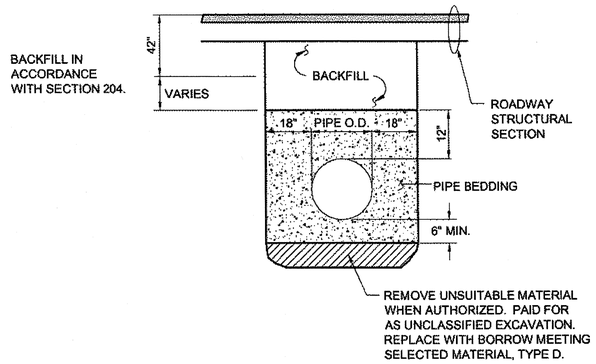
DESIGNED BY: D. EPSTEIN
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

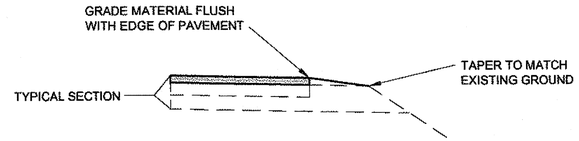
KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

MISCELLANEOUS SUMMARIES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
D6	~~59~~ 63



CULVERT BEDDING/BACKFILL DETAIL

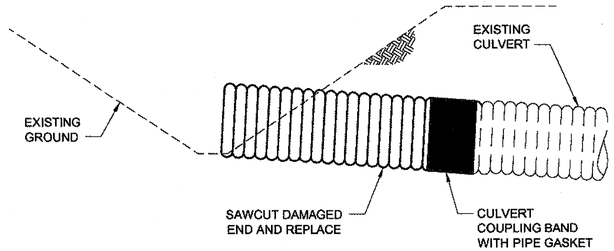


LINEAR GRADING

LEFT AND RIGHT EDGE OF PAVEMENT

NOTES:

1. MATERIAL FOR LINEAR GRADING SHALL MATCH THE REQUIREMENTS OF AGGREGATE BASE COURSE D-1.
2. LINEAR GRADING SHALL BE PAID FOR UNDER ITEM 303 (3).

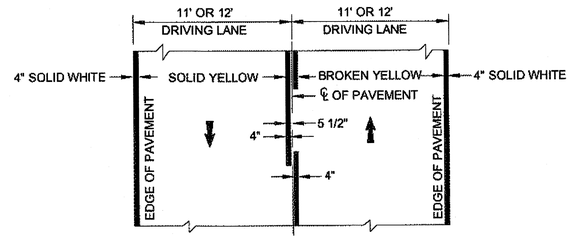


CULVERT END REPLACEMENT

NTS

CULVERT 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.
2. NEW PIPE LENGTH SHALL MATCH EXISTING PIPE LENGTH, UNLESS OTHERWISE DETAILED IN THESE PLANS OR AS DIRECTED.
3. NEW CULVERT ENDS ARE TO BE INSTALLED ONLY ON DESIGNATED PIPES. FOR LOCATIONS SEE PLAN SHEETS AND CULVERT SUMMARY.
4. FOR CULVERT END REPLACEMENT USE ANNULAR, HUGGER, HELICAL OR FLAT COUPLING BAND OR ENGINEERS RECOMMENDATION ALONG WITH SLEEVE, STRIP OR MASTIC GASKET.



STRIPING DETAIL

STRIPING NOTES:

1. PASSING ZONES SHALL BE LOCATED IN FIELD. THE CONTRACTOR SHALL REFERENCE AND STAKE THE LOCATIONS OF PASSING ZONES PER SPECIAL PROVISION 670.
2. THE CONTRACTOR IS RESPONSIBLE TO RE-STRIPE ANY STRIPING THAT IS OBLITERATED DUE TO CONSTRUCTION ACTIVITIES.

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 9/28/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

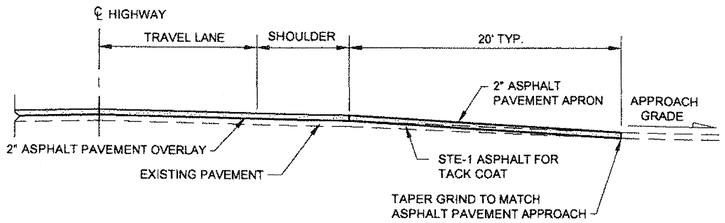
PATH: Q:\KLW\68688\PLANSET\68688_P1-3_ESC DETS.DWG

TAB: E1 Wednesday, September 28, 2011 10:59:14 AM STEVENS, DAVID A (DOT)

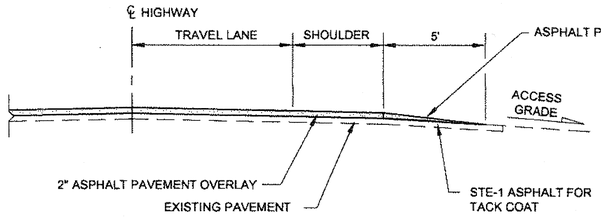
KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT # 68688

MISCELLANEOUS DETAILS

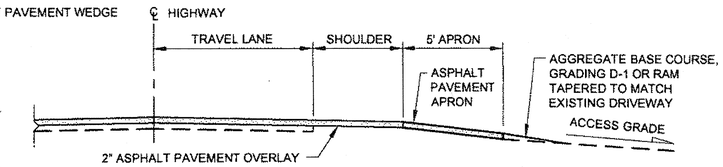
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0924(18)	2011	E1	~~59~~ 63



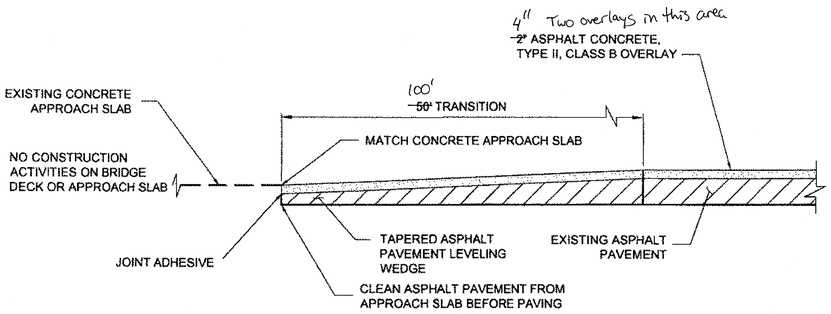
TYPICAL STREET APPROACH PROFILE



TYPICAL PAVED DRIVEWAY DETAIL

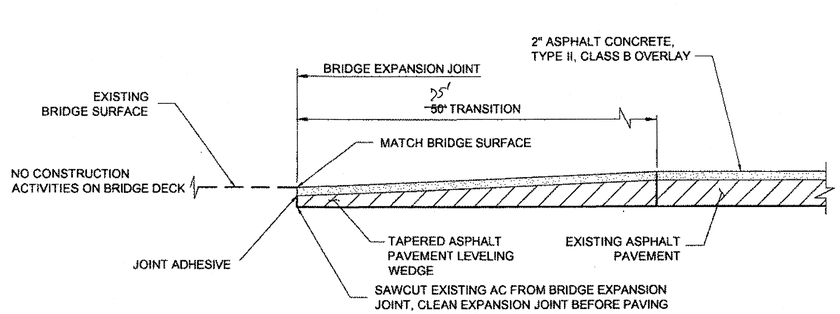


TYPICAL UNPAVED DRIVEWAY DETAIL



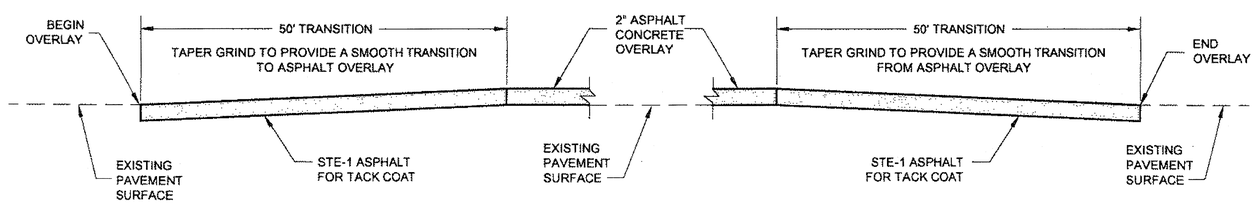
HARRIS RIVER BRIDGE DETAIL

STA. 672+00



MAYBESO CREEK BRIDGE DETAIL

STA. 1135+00



PAVEMENT MATCH JOINT DETAIL

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

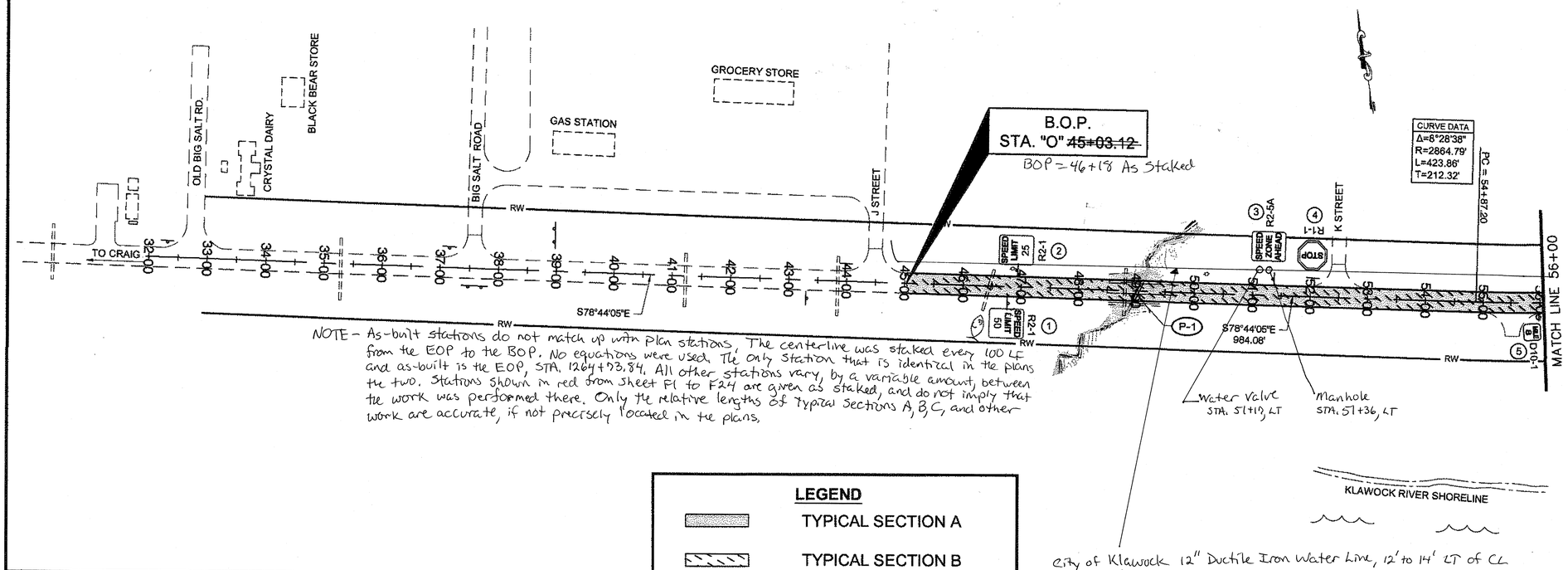
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: G. LOCKWOOD	KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT # 68688
DRAWN BY: D. STEVENS	**MISCELLANEOUS DETAILS**
PATH: Q:\KLW\68688\PLANSET\68688_P1-3_ESC DETS.DWG	
TAB: E2 Friday, August 19, 2011 1:28:10 PM STEVENS, DAVID A (DOT)	

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

REVISIONS NO.	DATE	DESCRIPTION

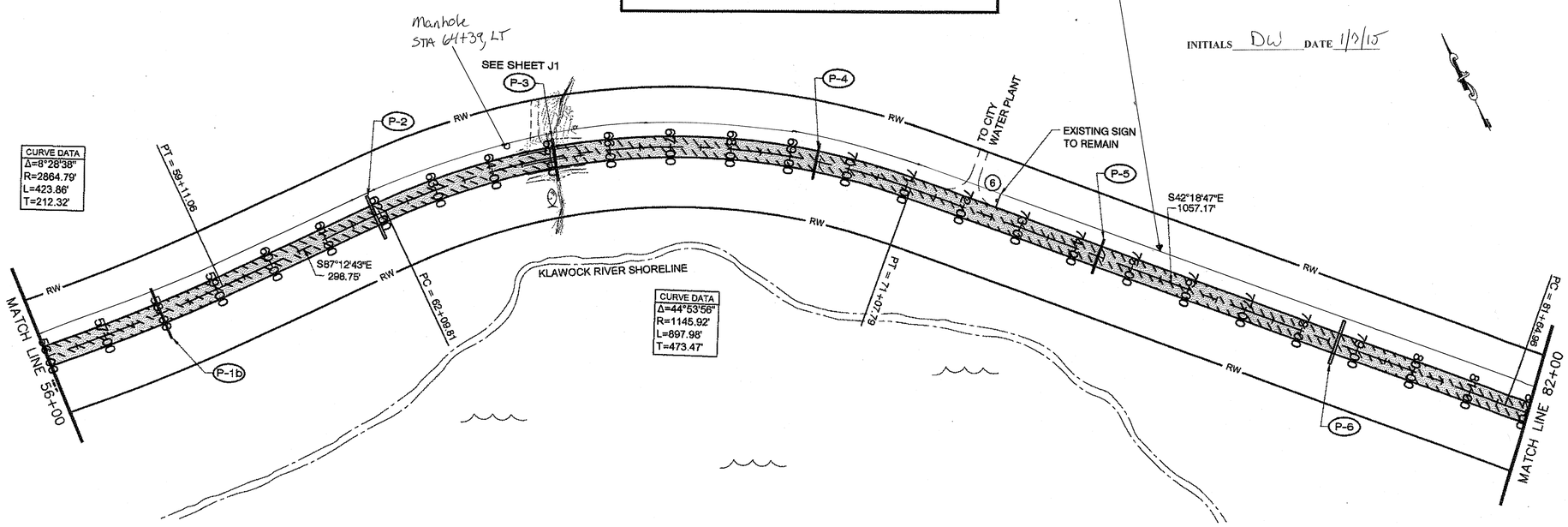
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0924(18)	2011	E2	~~59~~ 63



NOTE - As-built stations do not match up with plan stations. The centerline was staked every 100 LF from the EOP to the BOP. No equations were used. The only station that is identical in the plans and as-built is the EOP, STA. 1264+93.84. All other stations vary, by a variable amount, between the two. Stations shown in red from Sheet F1 to F24 are given as staked, and do not imply that the work was performed there. Only the relative lengths of typical sections A, B, C, and other work are accurate, if not precisely located in the plans.

LEGEND

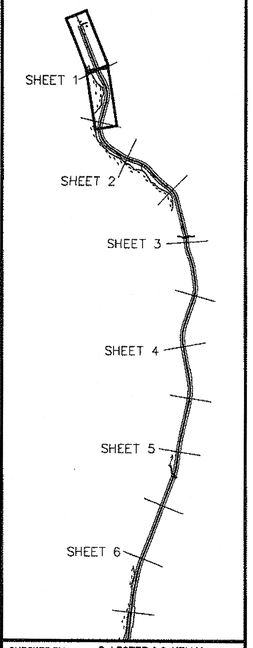
- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D



AS-BUILT PLANS

INITIALS DW DATE 1/9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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DRDODGE
TAB: F1 Tuesday, August 23, 2011 2:50:54 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11859 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: G. LOCKWOOD

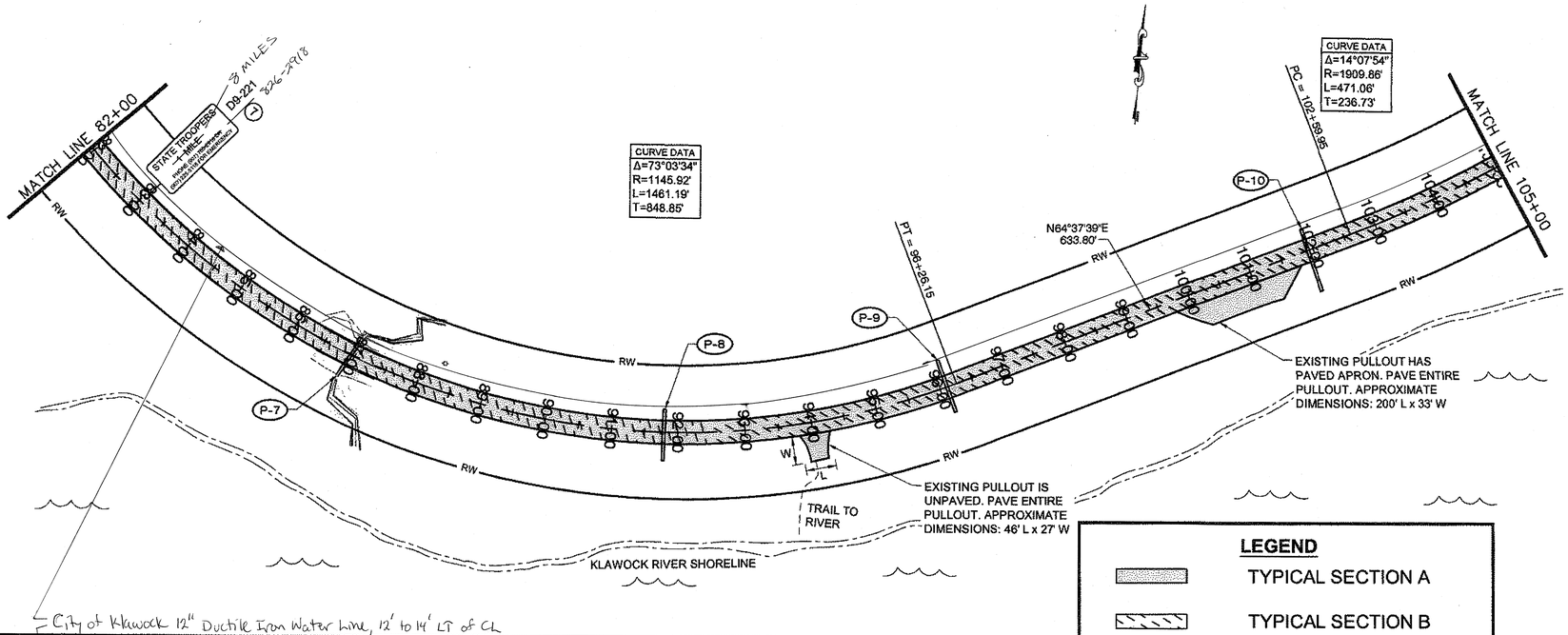
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA B.O.P. TO 82+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F1	~~59~~ 63



LEGEND

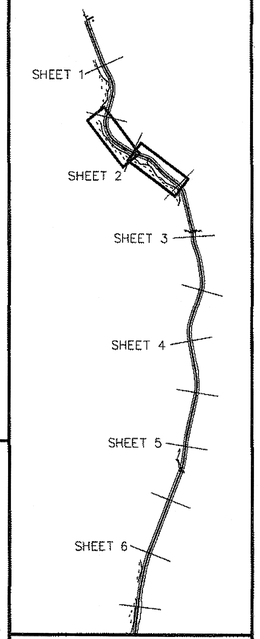
- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

Width of Culvert patches later removed by Typical B expansion
No Typical C on this Sheet
Typical B continues to STA. 156+35

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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DRDODGE
TAB: F2 Friday, August 19, 2011 2:43:28 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11650 REGISTERED PROFESSIONAL ENGINEER 2/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 82+00 TO 132+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F2	~~59~~ 63

City of Klawock 12" Ductile Iron Water Line, 12' to 14' LT of CL.

MATCH LINE 132+00

CURVE DATA
Δ=41°40'37"
R=941.85'
L=685.10'
T=358.50'

P-15 32

P-16 108

PT = 137+06.11

P-17 60

SEE SHEET J1

KLAWOCK LAKE

Width of Culvert Patches Later Removed By Typical B Expansion

P-18 25

EXISTING PULLOUT IS UNPAVED. PAVE ENTIRE PULLOUT. APPROXIMATE DIMENSIONS 120' L x 23' W.

S71°11'48"E
1754.05'

FULL WIDTH - TYPICAL A or B

W

L

EXISTING PULLOUT IS UNPAVED. PAVE ENTIRE PULLOUT. APPROXIMATE DIMENSIONS 160' L x 26' W.

SEE SHEET B4, GUARDRAIL PAVING, EXISTING PAVED SHOULDER

PC = 154+80.16

PT - STA BACK: 156+08.24
STA AHEAD: 156+08.19

CURVE DATA
Δ=10°21'56"
R=818.51'
L=148.08'
T=74.24'

HALF MILE CREEK

SEE SHEET B4, GUARDRAIL PAVING, EXISTING UNPAVED SHOULDER

HALFMILE CRL

I-3

STA. 156+35, As-Staked End Typical B

MATCH LINE 158+00

LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

CURVE DATA
Δ=15°25'51"
R=818.51'
L=220.44'
T=110.89'

PC = 159+13.51

PT = 161+33.95

D10-2

MATCH LINE 158+00

S60°49'51"E
305.32'

Typical C: STA 165+67 to 166+90 As Staked
Full Width
103 LF

S76°15'42"E
530.23'

PC = 166+64.18

CURVE DATA
Δ=10°58'21"
R=1909.86'
L=365.75'
T=183.44'

PT = 170+29.93

Typical C: STA 173+06 to 173+90
Full Width
64 LF

P-28
100 LF
Culvert Patch Length (TYP)

S65°17'21"E
754.08'

PC = 177+84.01

CURVE DATA
Δ=26°58'56"
R=1469.12'
L=691.85'
T=352.46'

EXISTING LOG WEIR STRUCTURE TO BE REPLACED. SEE SHEETS J4, J5 AND J6.

MATCH LINE 184+00

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6

PATH: Q:\KLW\68688\PLANSET\68688_F1-24_PLAN.DWG
DRDODGE
TAB: F3 Friday, August 19, 2011 2:45:34 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th
Gregory K. Lockwood
CE-11890
REGISTERED PROFESSIONAL ENGINEER
8/24/11

DESIGNED BY: G. LOCKWOOD

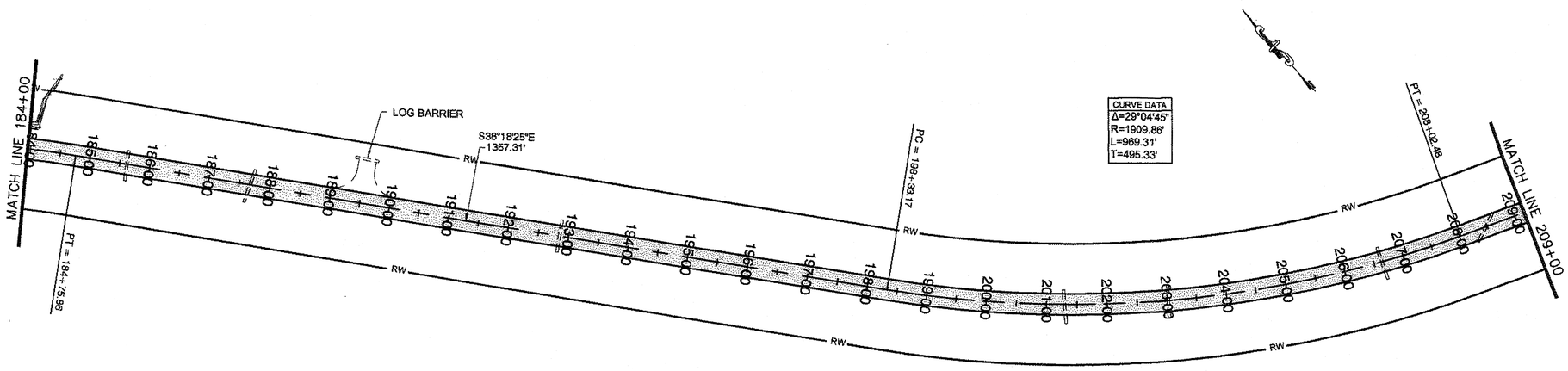
DRAWN BY: D. STEVENS

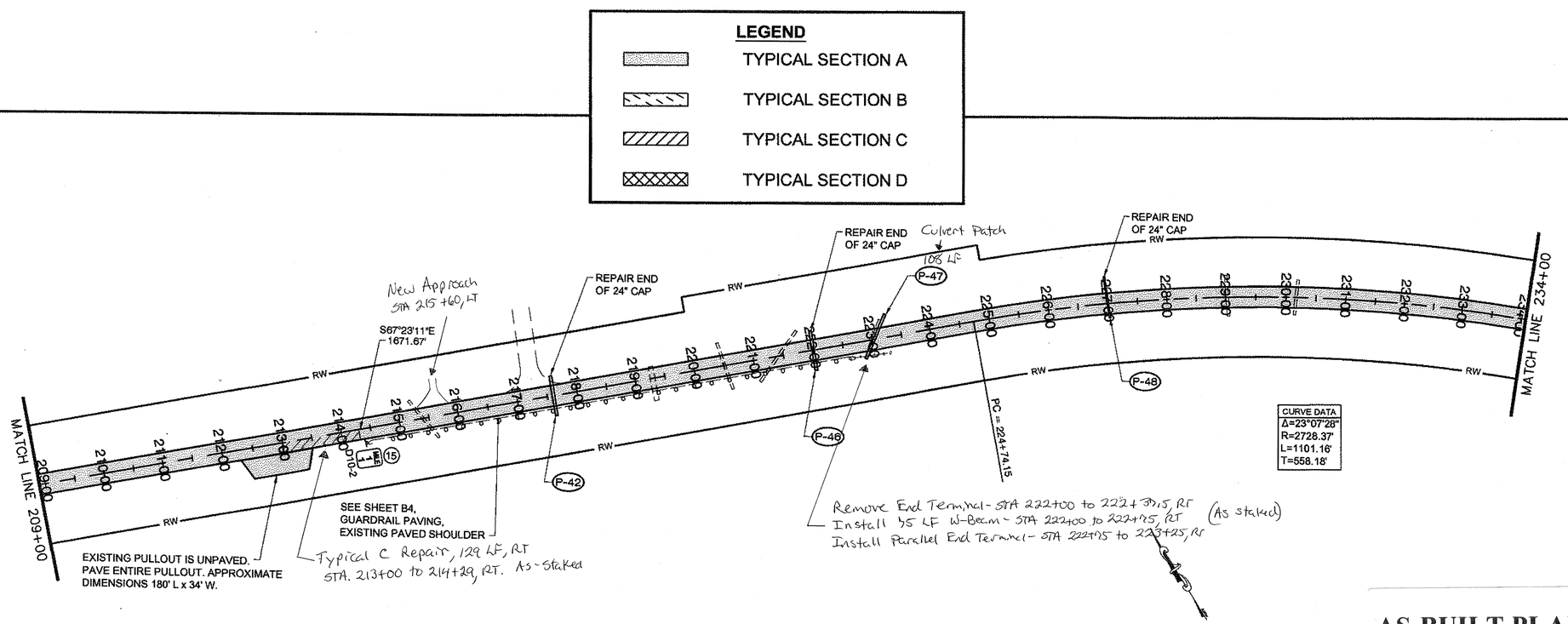
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 132+00 TO 184+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F3	59 63





LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

AS-BUILT PLANS

INITIALS DW DATE 1/7/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KLW\68688\PLANSET\68688_F1-24_PLAN.DWG
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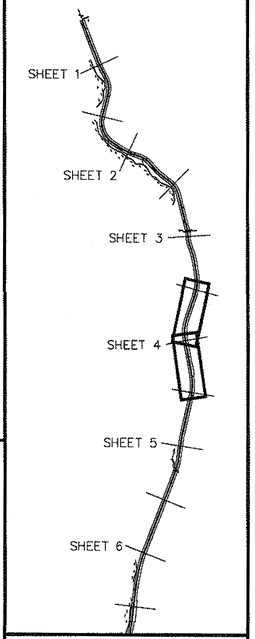
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11830 REGISTERED PROFESSIONAL ENGINEER 8/24/11

DESIGNED BY: G. LOCKWOOD

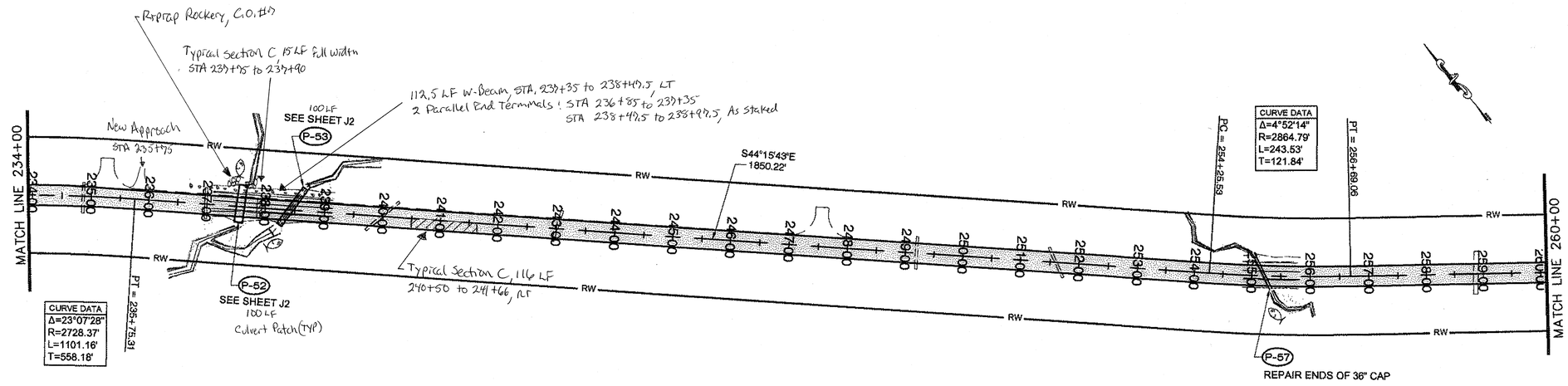
DRAWN BY: D. STEVENS

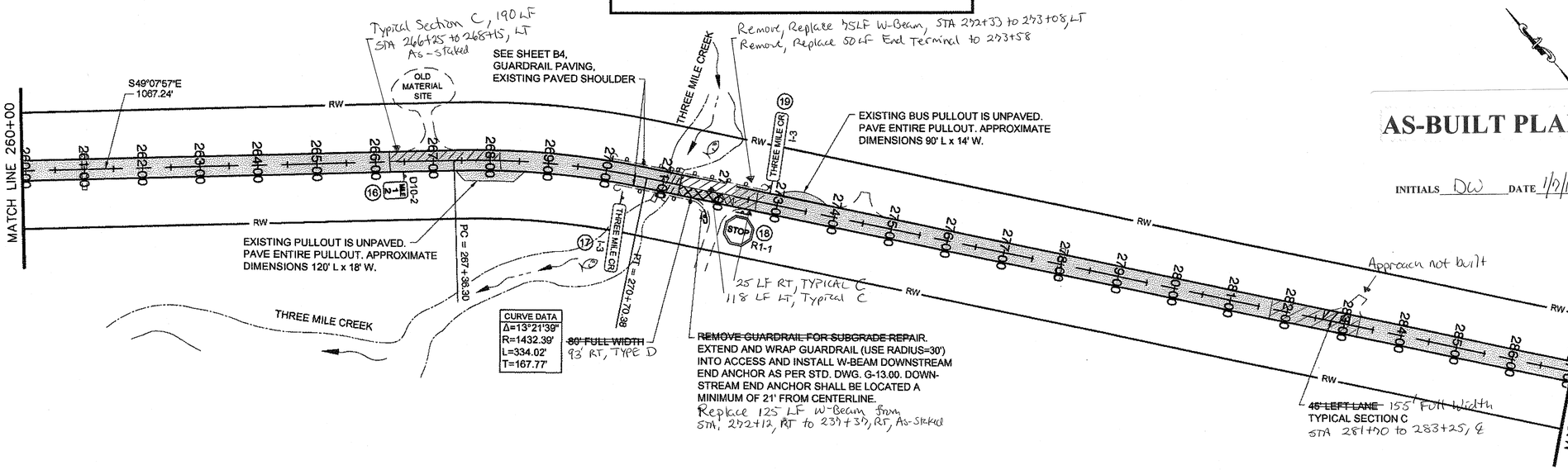
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 184+00 TO 234+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F4	~~59~~ 63





LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
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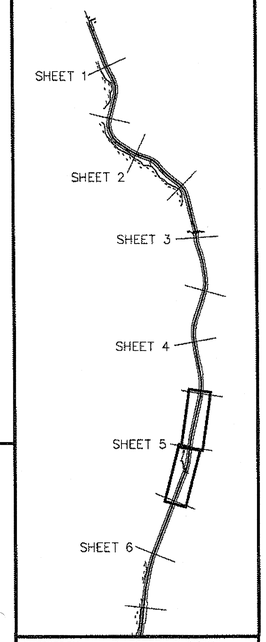
TAB: F5 Friday, August 19, 2011 2:51:54 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 2/24/14

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

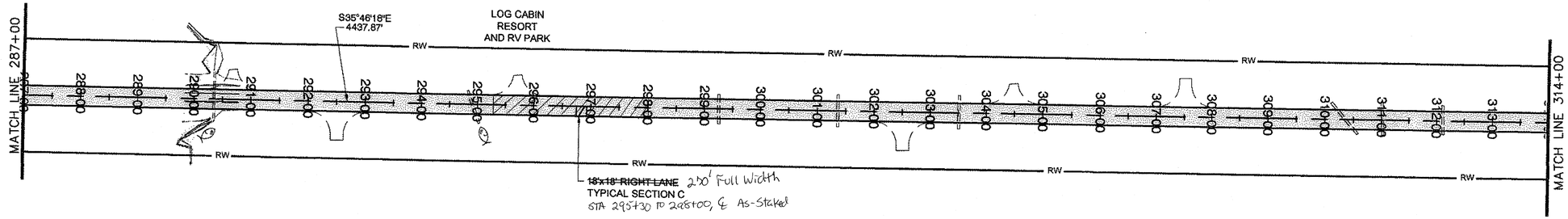
KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 234+00 TO 287+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F5	~~59~~ 63

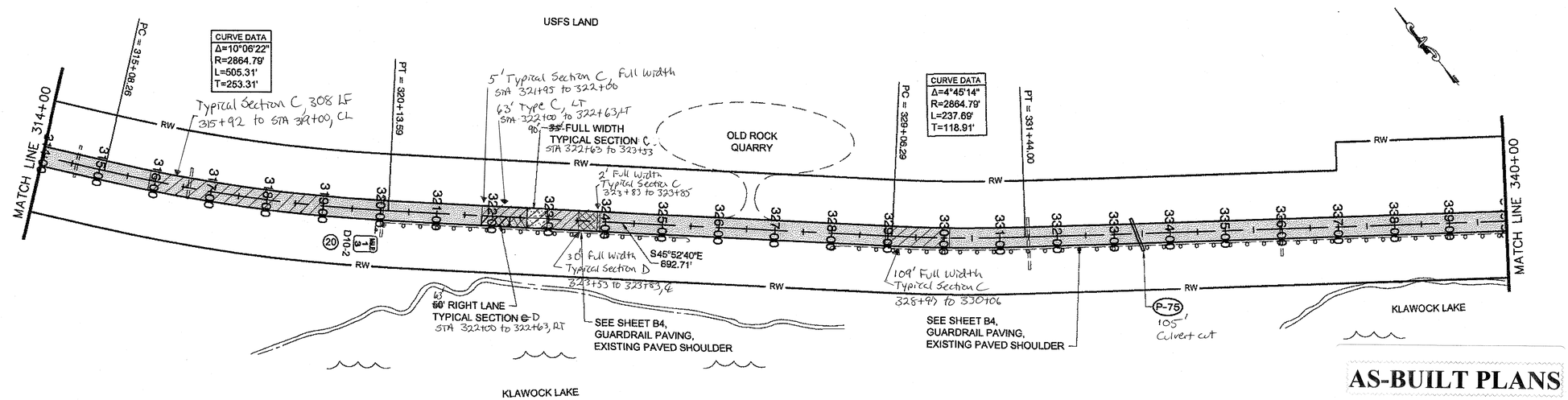
AS-BUILT PLANS

INITIALS DW DATE 1/9/15



LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D



AS-BUILT PLANS

INITIALS DW DATE 1/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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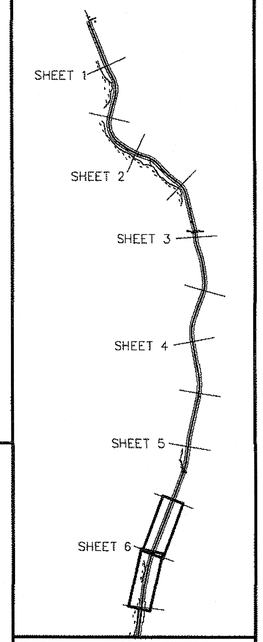
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
6/24/11

DESIGNED BY: G. LOCKWOOD

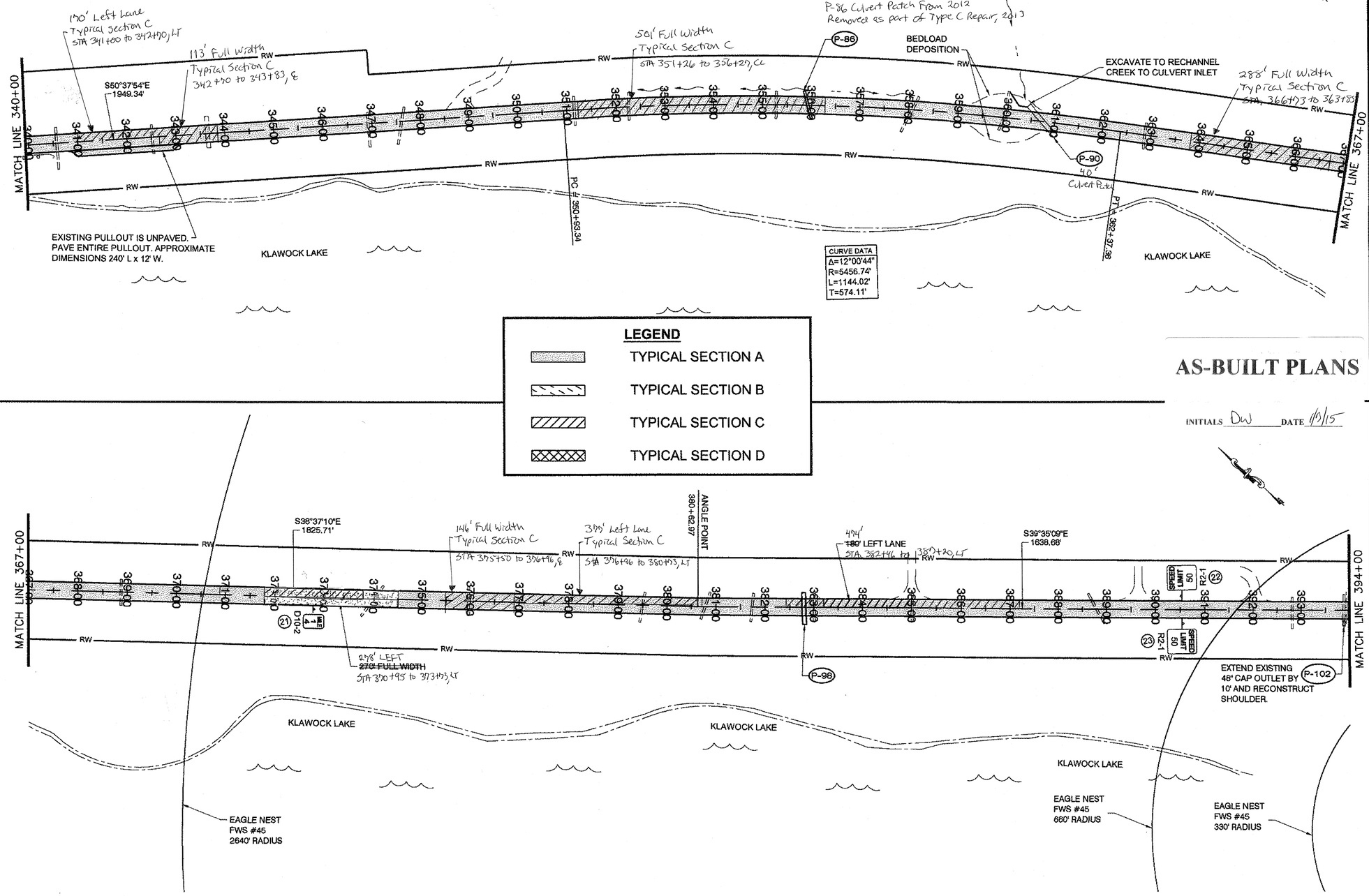
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 287+00 TO 340+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F6	~~59~~ 63



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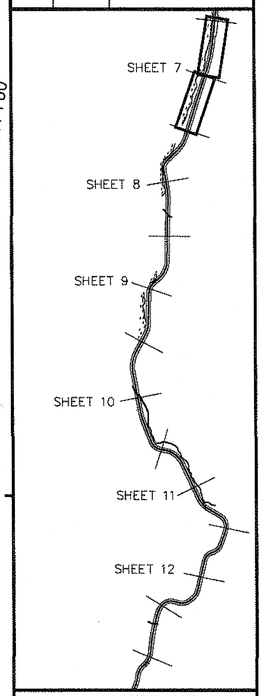
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



AS-BUILT PLANS

INITIALS DW DATE 10/15

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 340+00 TO 394+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F7	~~59~~ 63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
Q:\KLW\68688\PLANSET\68688_F1-24_PLAN.DWG
DRDODGE
TAB: F8 Friday, August 19, 2011 1:31:37 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

MATCH LINE 394+00

192' Left Lane
Typical Section C
STA. 394+53 to 396+25

~~270'~~ 258' LEFT LANE
STA 397+43 to 400+21, LT

58' Full Width
Typical Section C
STA. 402+85 to 403+43, CL

UPGRADE TO 30" CPP

100' Culvert Patch (TYP)

P-105

~~350'~~ 266' LEFT LANE
STA. 404+43 to 406+49, LT

P-104

100

CURVE DATA
Δ=28°04'02"
R=1432.39'
L=701.68'
T=358.03'

PC = 397+01.75

PT = 404+03.43

S11°31'07"E
820.27'

CURVE DATA
Δ=54°56'15"
R=381.97'
L=366.25'
T=198.58'

~~30'x15'~~ 133'x14' RIGHT LANE
TYPICAL SECTION C
STA. 410+90 to 412+23, RT

PC = 412+23.70

PT = 415+89.95

454' Full Width
~~35' LEFT LANE~~
TYPICAL SECTION C
STA. 416+67 to 421+21, LT

S66°27'24"E
1080.19'

MATCH LINE 422+00

EAGLE NEST
FWS #45

EAGLE NEST
FWS #45
330' RADIUS

EAGLE NEST
FWS #45
660' RADIUS

KLAWOCK LAKE

SEE SHEET B4,
GUARDRAIL PAVING,
EXISTING PAVED SHOULDER

DOUBLE SIDED
CHEVRON W1-8 (TYP.)

W1-8(L) W1-8(R)

KLAWOCK LAKE

LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

EAGLE NEST
FWS #45
2640' RADIUS

EXISTING PULLOUT IS
UNPAVED. PAVE ENTIRE
PULLOUT. APPROXIMATE
DIMENSIONS 100' L x 16' W.

PAVE ACCESS TO ROW.
100' CENTERLINE OFFSET.

MATCH LINE 422+00

BOAT LAUNCH

KLAWOCK LAKE

PC = 426+70.14

PAVE STRIP BETWEEN PULLOUT
AND BOAT LAUNCH. PAVE TO
30' CENTERLINE OFFSET.

EXISTING PULLOUT IS PAVED.
PAVE USING AN ASPHALT
WEDGE TO 30' CENTERLINE
OFFSET. APPROXIMATE
DIMENSION 140' L.

CURVE DATA
Δ=10°10'57"
R=1514.43'
L=269.14'
T=134.93'

STA BACK: 429+39.28
STA AHEAD: 429+37.58

SEE SHEET B4,
GUARDRAIL PAVING,
EXISTING PAVED
SHOULDER

SEVEN MILE CREEK

S56°16'27"E
2990.12'

~~65'~~ RIGHT LANE
TYPICAL SECTION C
STA 438+40 to 439+29, RT

253' RIGHT LANE
TYPICAL SECTION C
STA. 443 +58 to 446+36, RT

MATCH LINE 448+00

SHEET 7
SHEET 8
SHEET 9
SHEET 10
SHEET 11
SHEET 12

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11650
REGISTERED PROFESSIONAL ENGINEER
8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

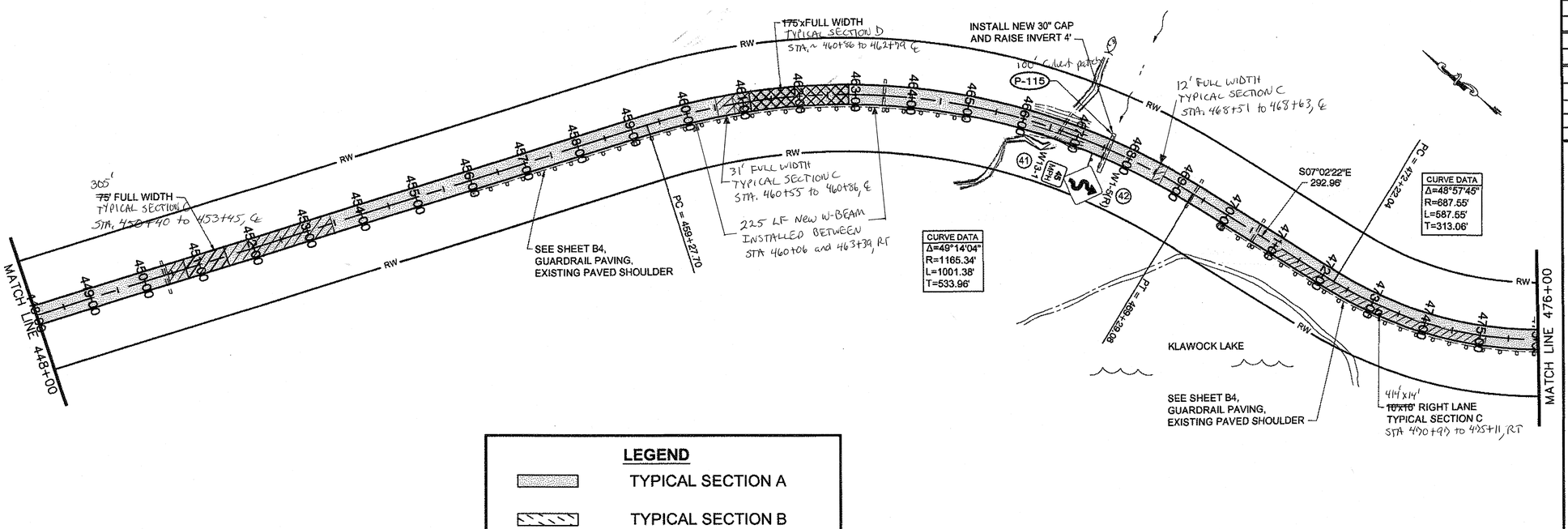
PLAN SHEET
STA 394+00 TO 448+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F8	~~59~~ 63

AS-BUILT PLANS

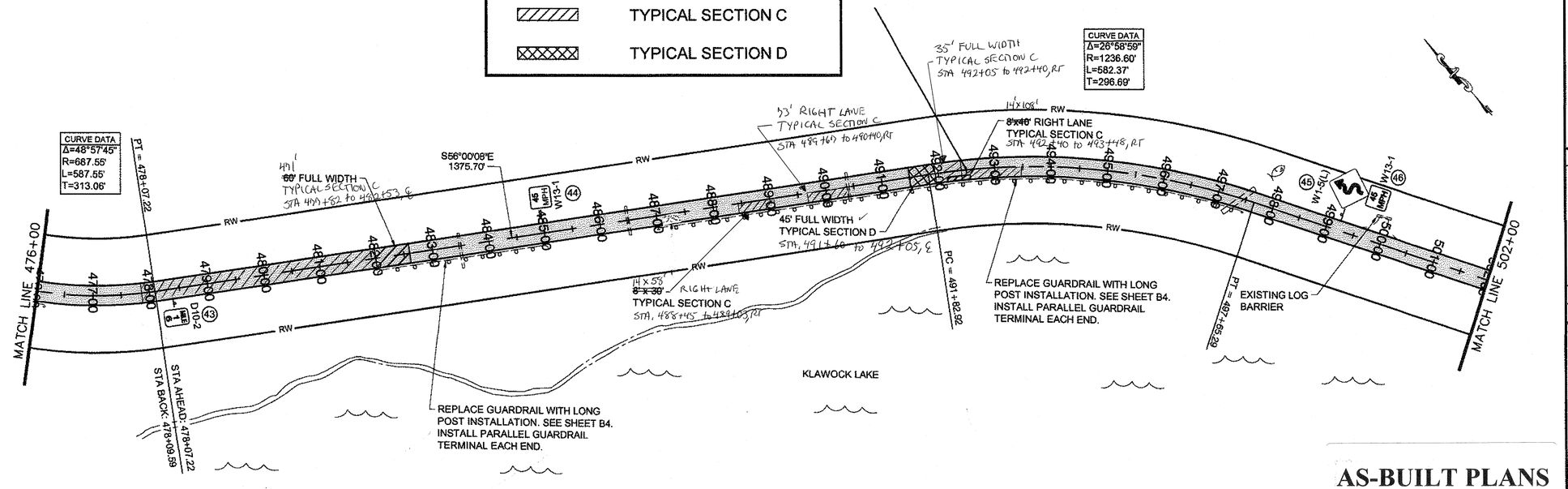
INITIALS DW DATE 1/10/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



LEGEND

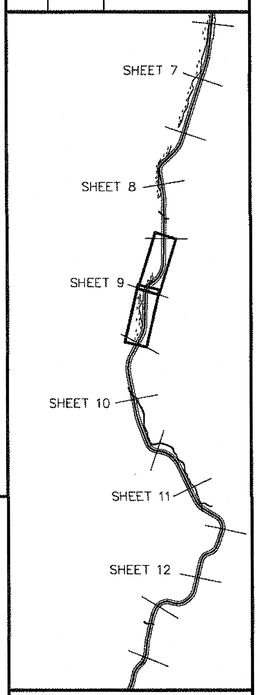
- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D



AS-BUILT PLANS

INITIALS DW DATE 1/3/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
e/24/11

DESIGNED BY: G. LOCKWOOD

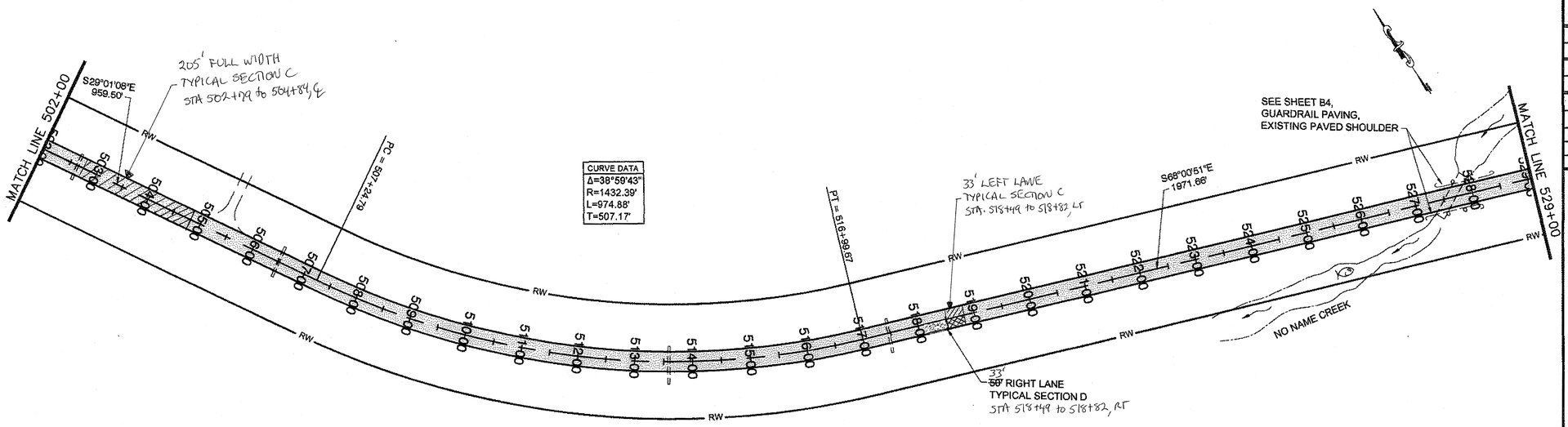
DRAWN BY: D. STEVENS

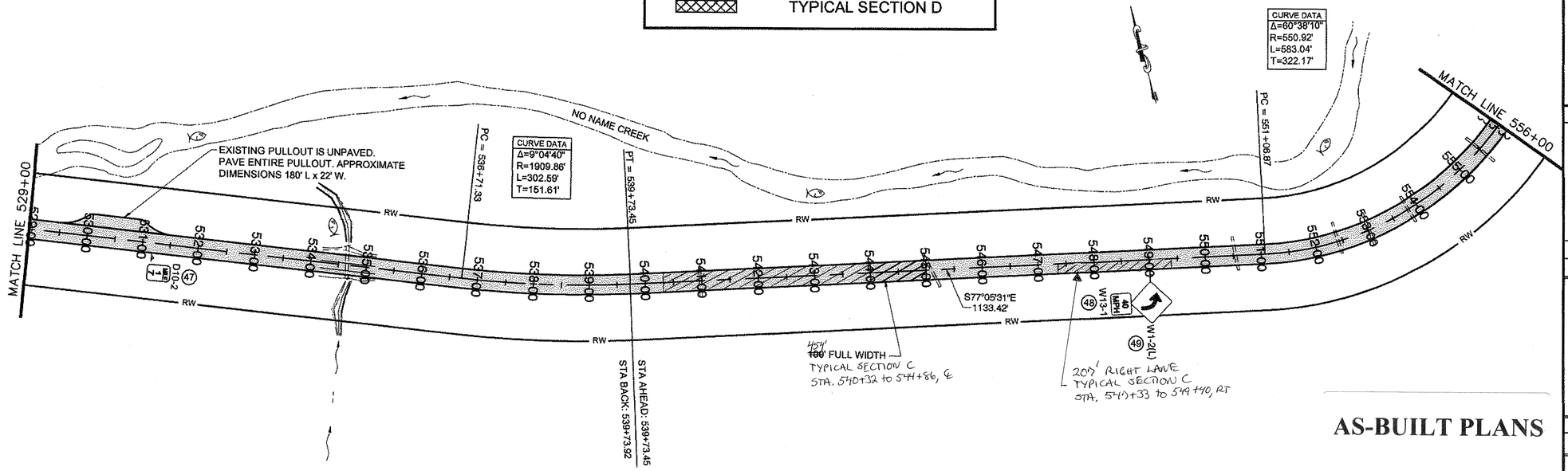
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT #68688

PLAN SHEET STA 448+00 TO 502+00

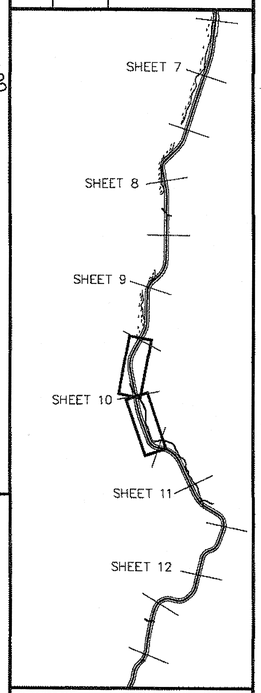
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F9	~~59~~ 63





LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D



AS-BUILT PLANS

INITIALS DW DATE 11/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11650
REGISTERED PROFESSIONAL ENGINEER
9/29/11

DESIGNED BY: G. LOCKWOOD

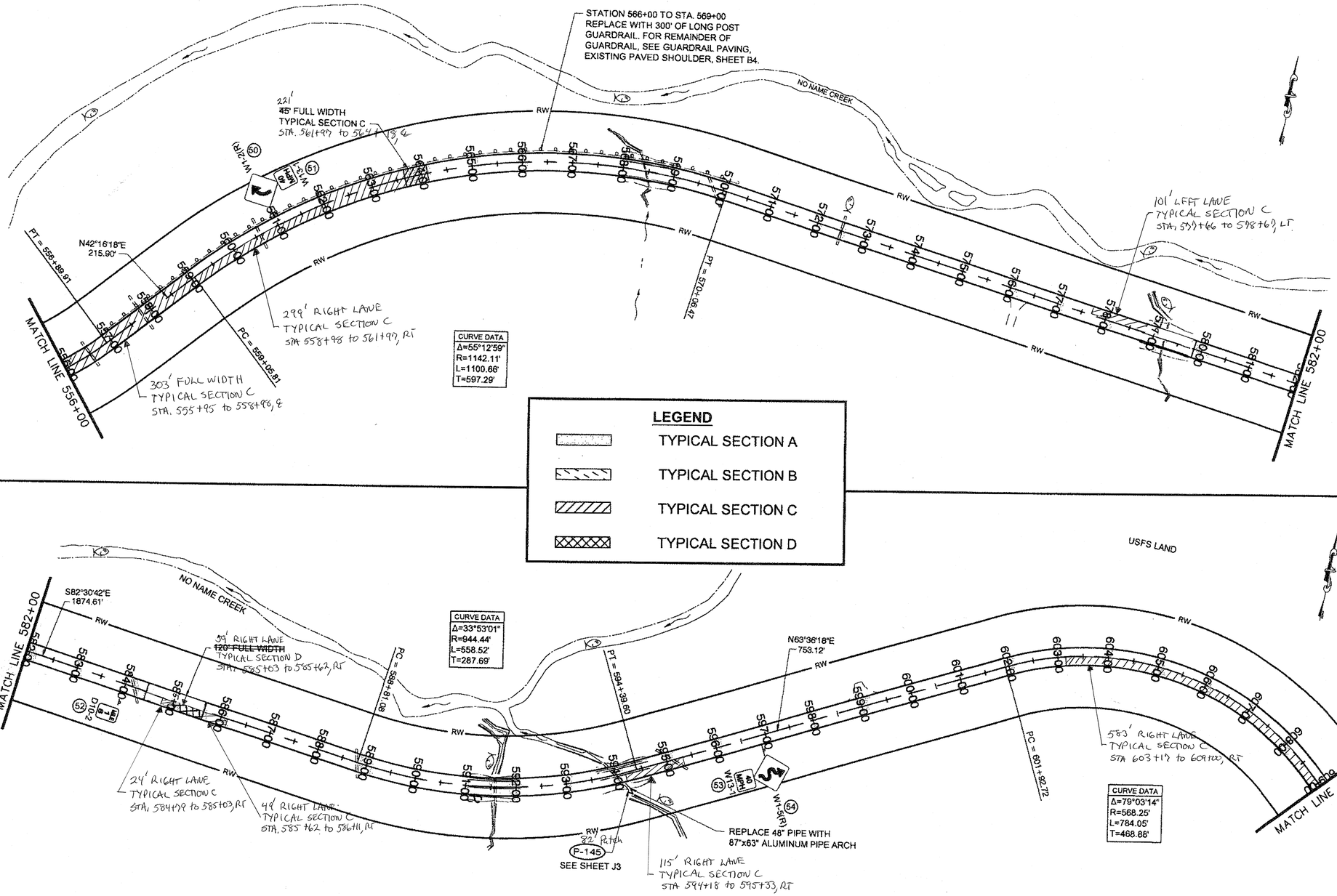
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 502+00 TO 556+00

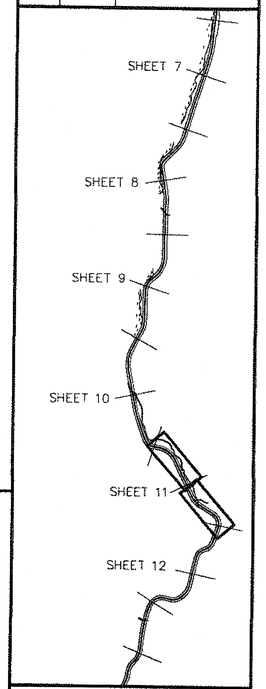
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F10	~~59~~ 63



AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 6/24/11

DESIGNED BY: G. LOCKWOOD

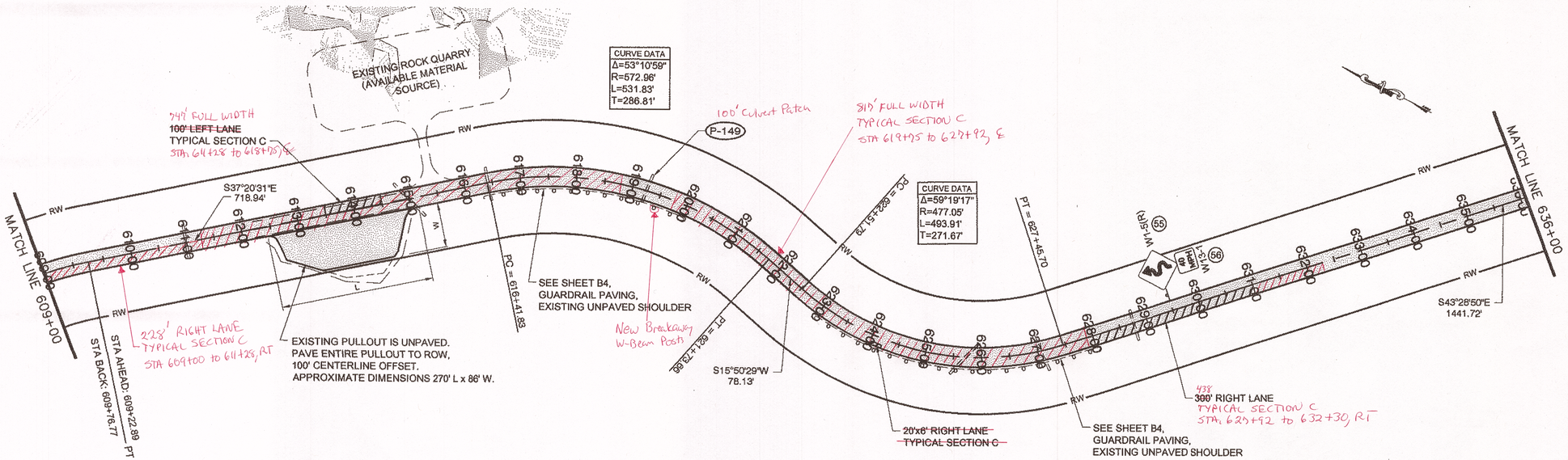
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 556+00 TO 609+00

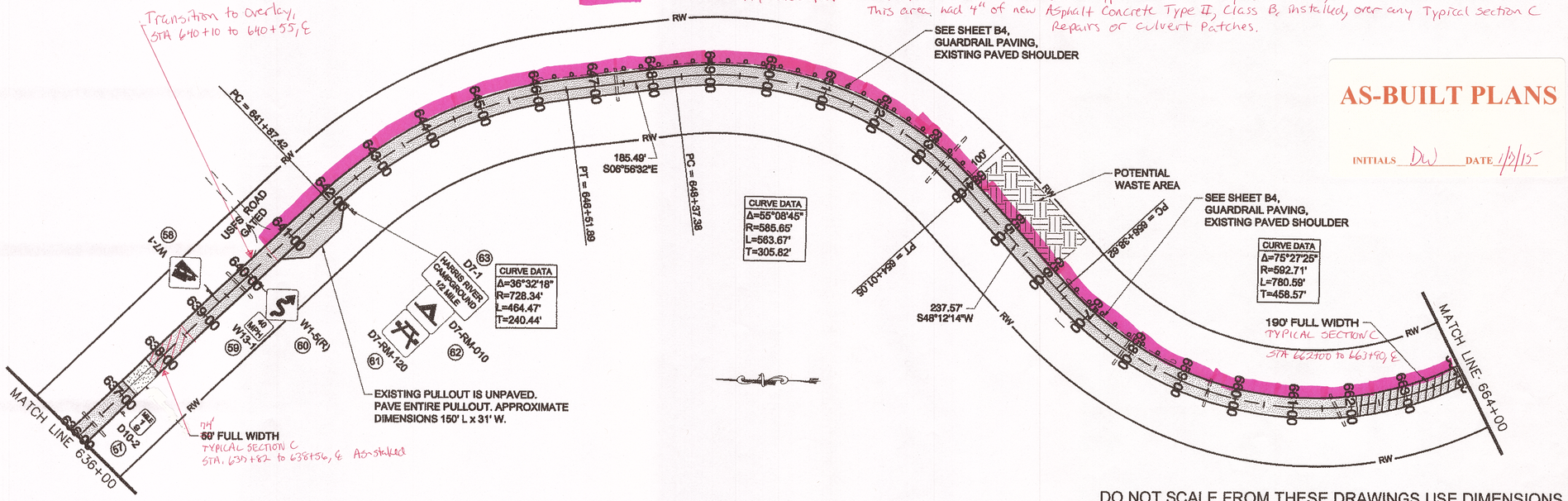
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F11	~~59~~ 63



LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

OVERLAY SECTION - STA. 640+55 to 550+95 had 2 Typical Section A layers installed; one in 2013 and one in 2014. This area had 4" of new Asphalt Concrete Type II, Class B, installed over any Typical Section C Repairs or Culvert Patches.



AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

DESIGNED BY: G. LOCKWOOD

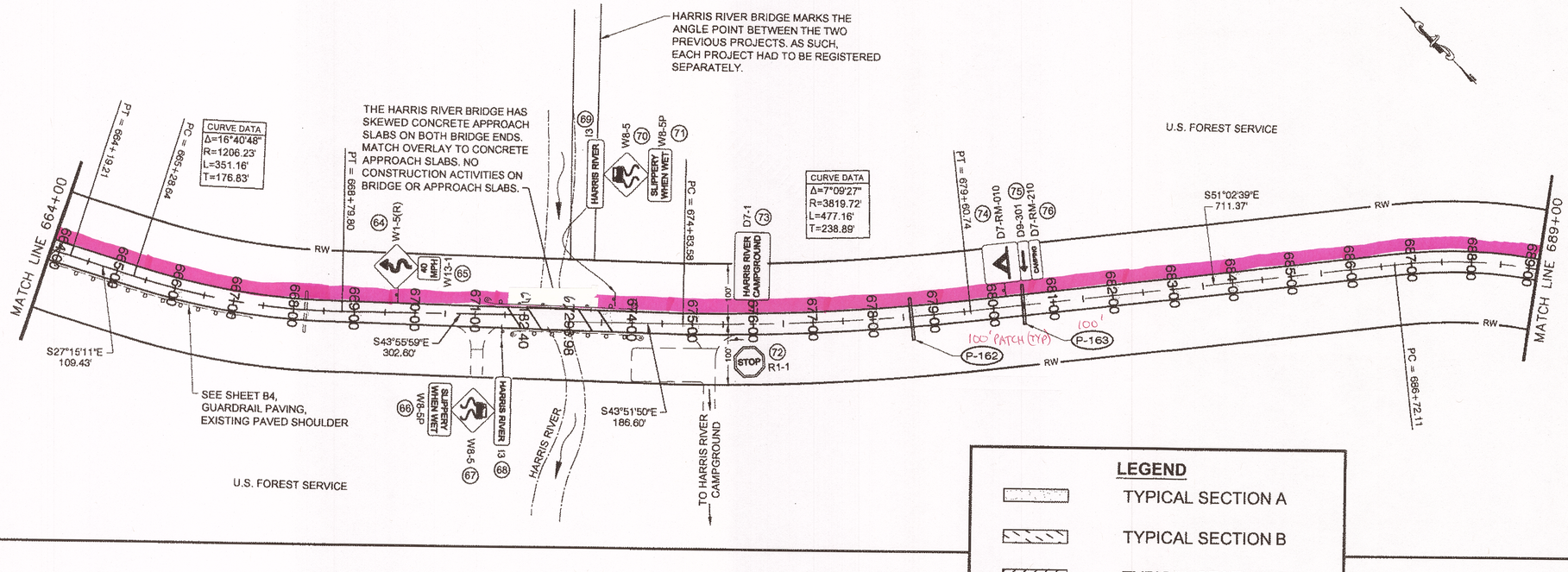
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

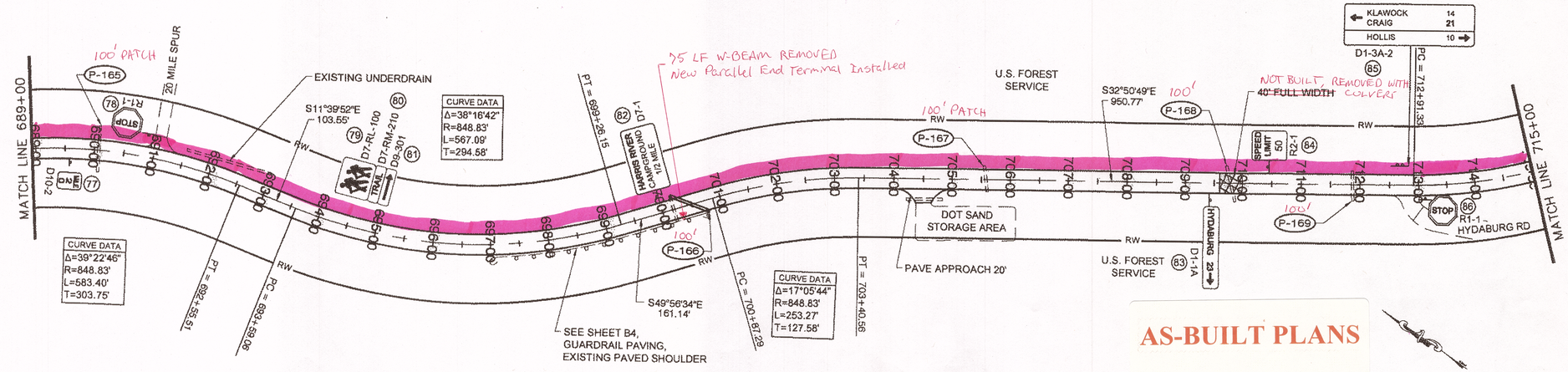
PLAN SHEET
STA 609+00 TO 664+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F12	~~59~~ 63



LEGEND

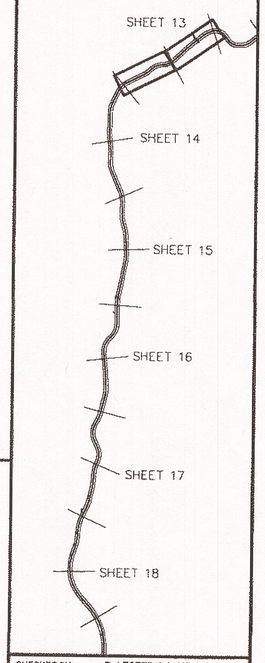
- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D
- OVERLAY SECTION (DOUBLE TYPICAL SECTION AS)



AS-BUILT PLANS

INITIALS DW DATE 1/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 PROFESSIONAL ENGINEER 6/24/11

DESIGNED BY: G. LOCKWOOD

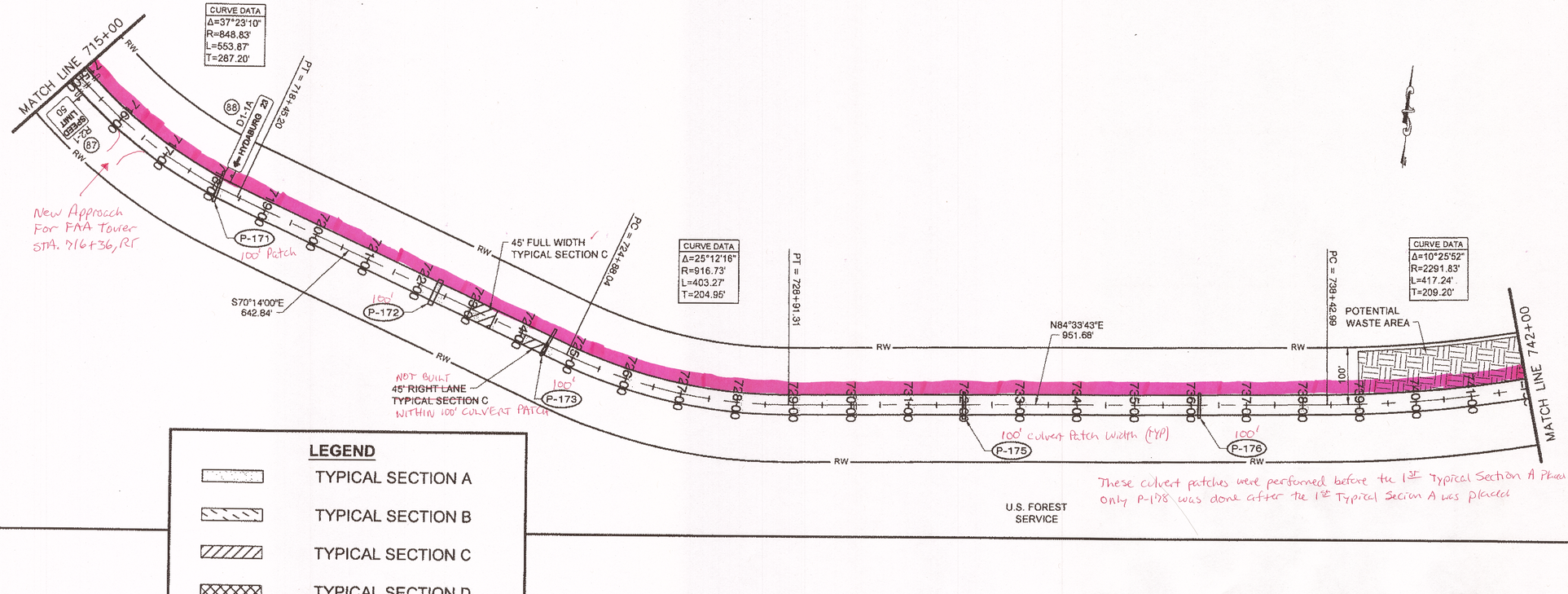
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 664+00 TO 715+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F13	59 63



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
19th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: G. LOCKWOOD

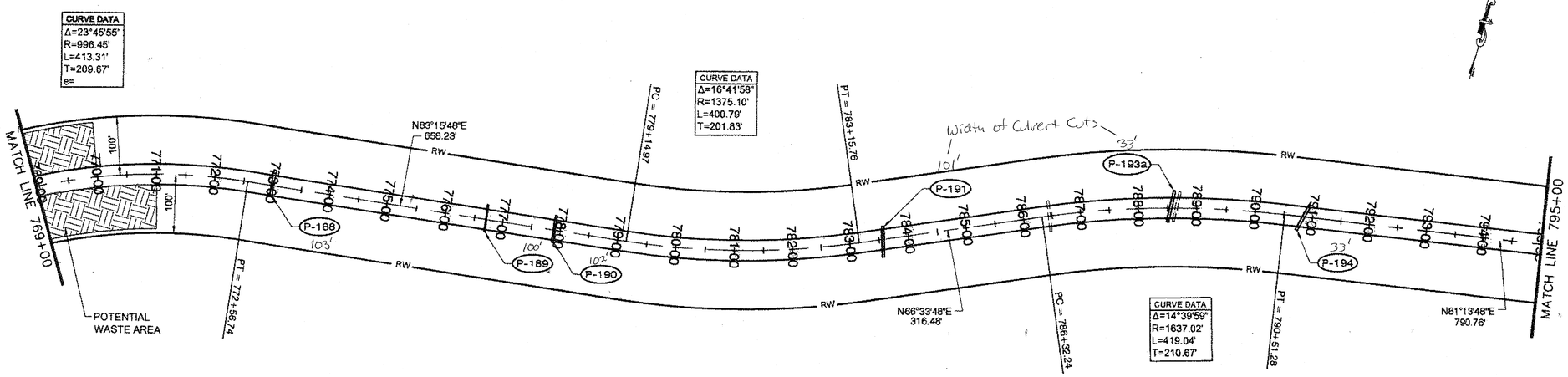
DRAWN BY: D. STEVENS

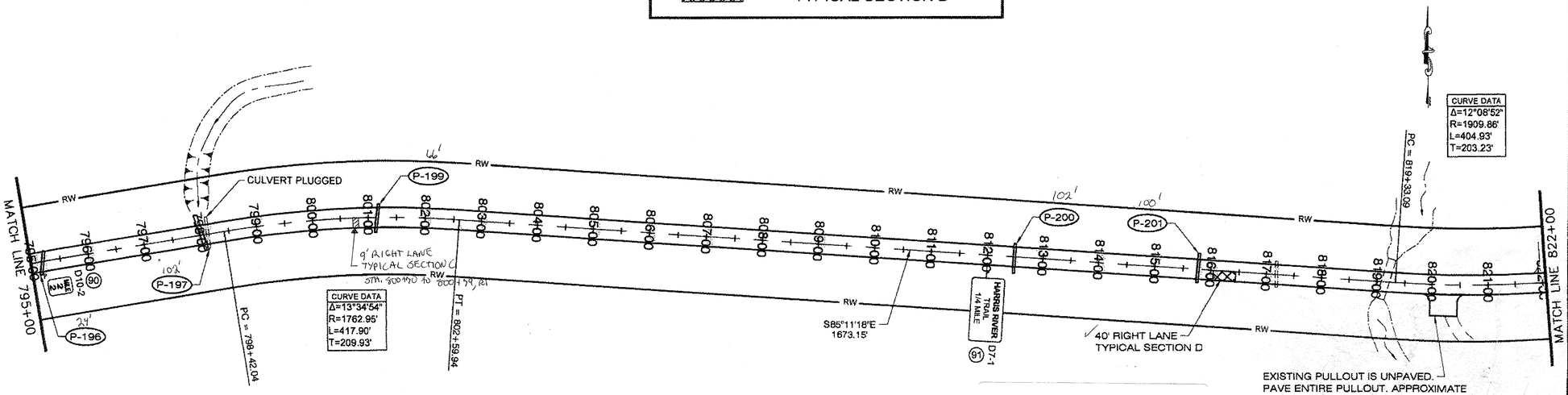
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 715+00 TO 769+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F14	~~59~~ 63





LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

AS-BUILT PLANS

INITIALS DW DATE 1/17/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

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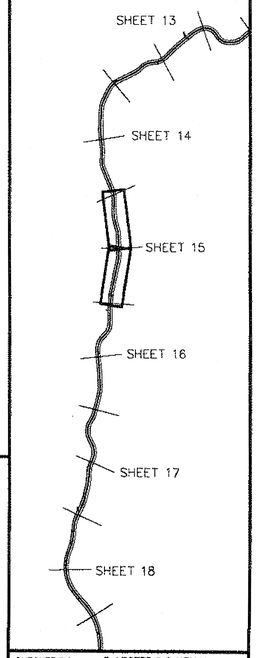


CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
Gregory K. Lockwood
CE-11650
PROFESSIONAL ENGINEER
6/24/11

DESIGNED BY: G. LOCKWOOD

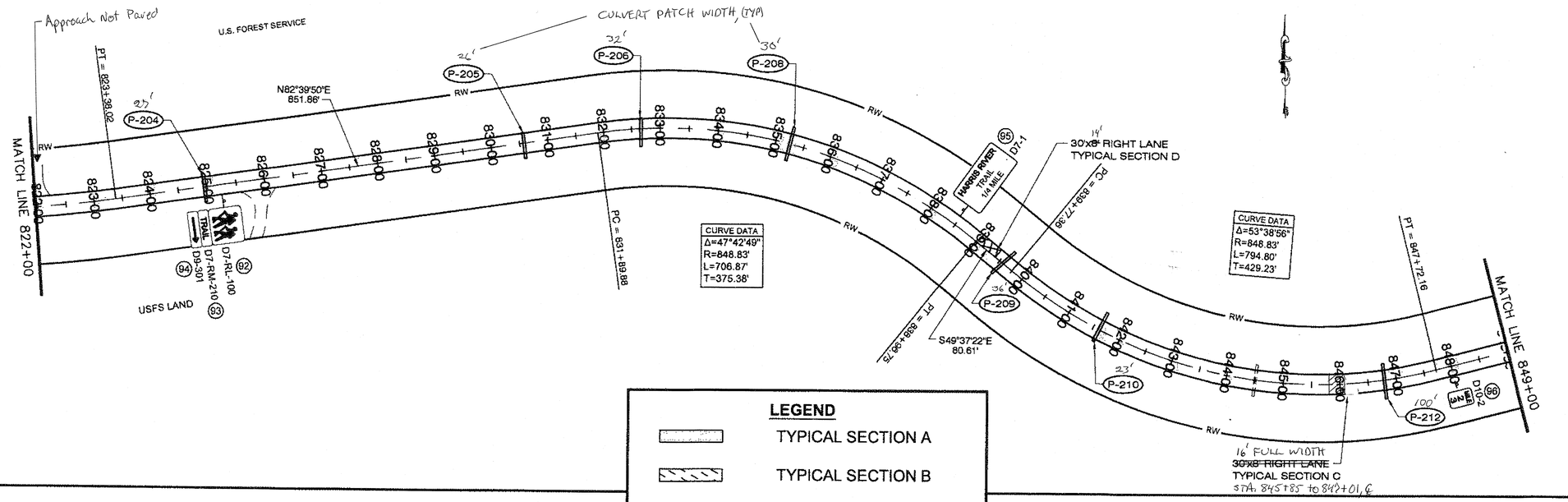
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

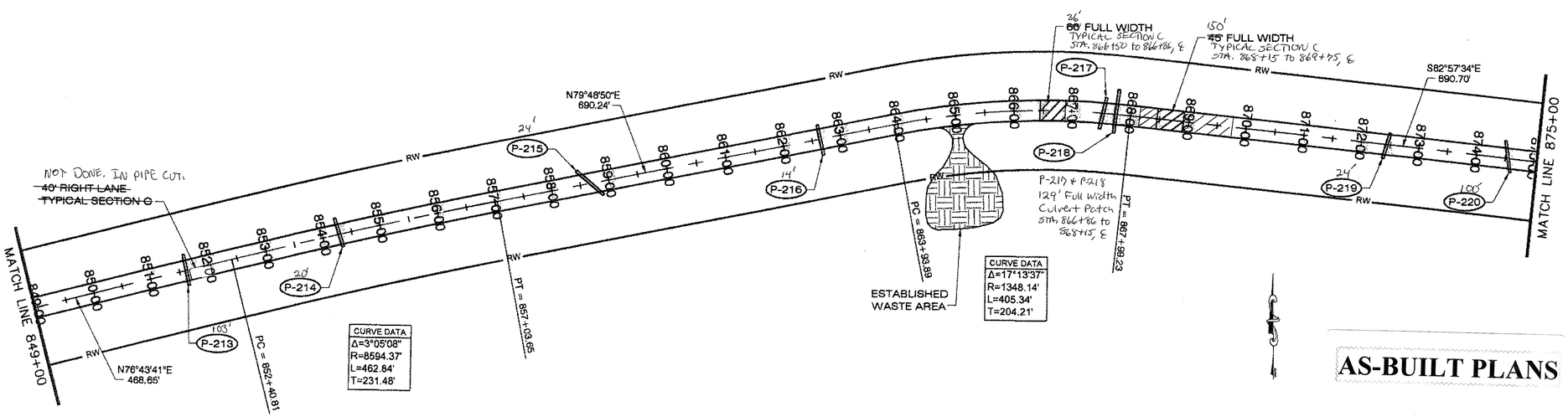
PLAN SHEET
STA 769+00 TO 822+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F15	59 63



LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D



AS-BUILT PLANS

INITIALS DW DATE 1/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ATTACHMENT NUMBER

RECORD OF REVISIONS

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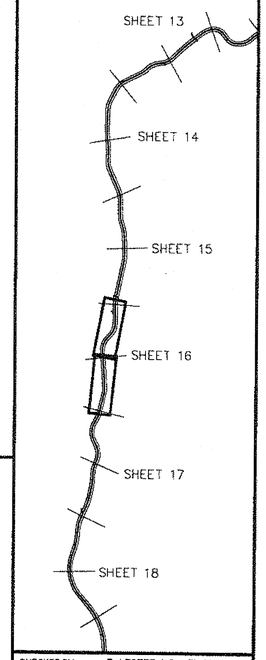


CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
8/24/11

DESIGNED BY: G. LOCKWOOD

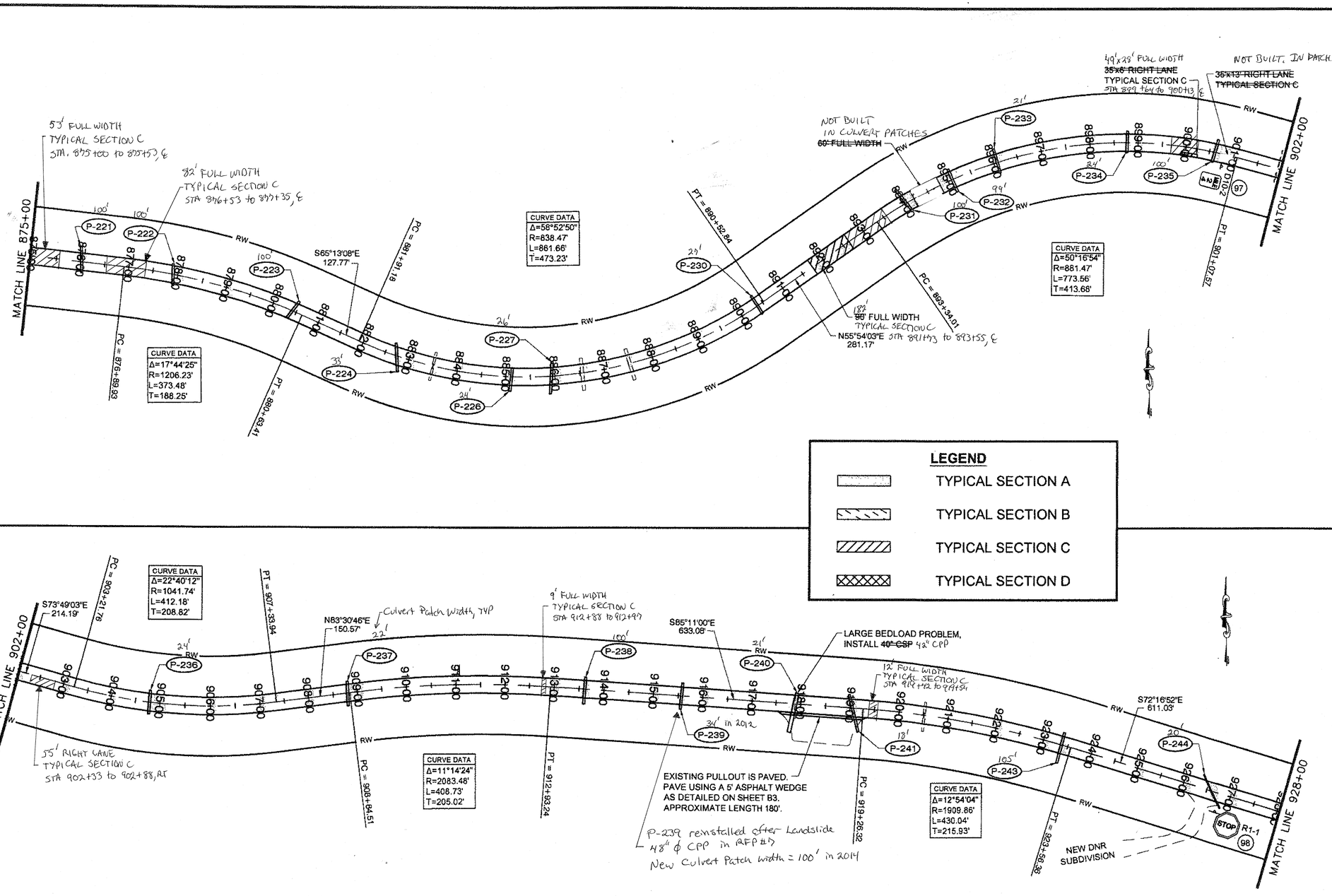
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 822+00 TO 875+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F16	~~59~~ 63



LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

AS-BUILT PLANS

INITIALS DCW DATE 1/9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: G:\KLW\68688\PLANSET\68688_F1-24_PLAN.DWG
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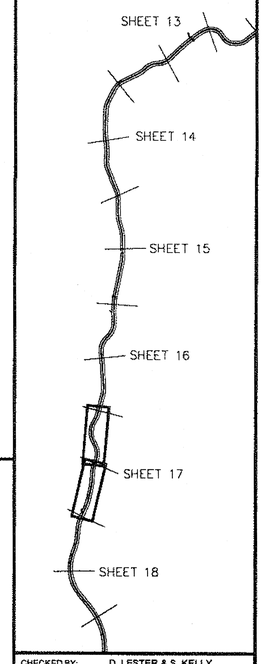
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA
49th
Gregory K. Lockwood
CE-11850
REGISTERED PROFESSIONAL ENGINEER
6/24/11

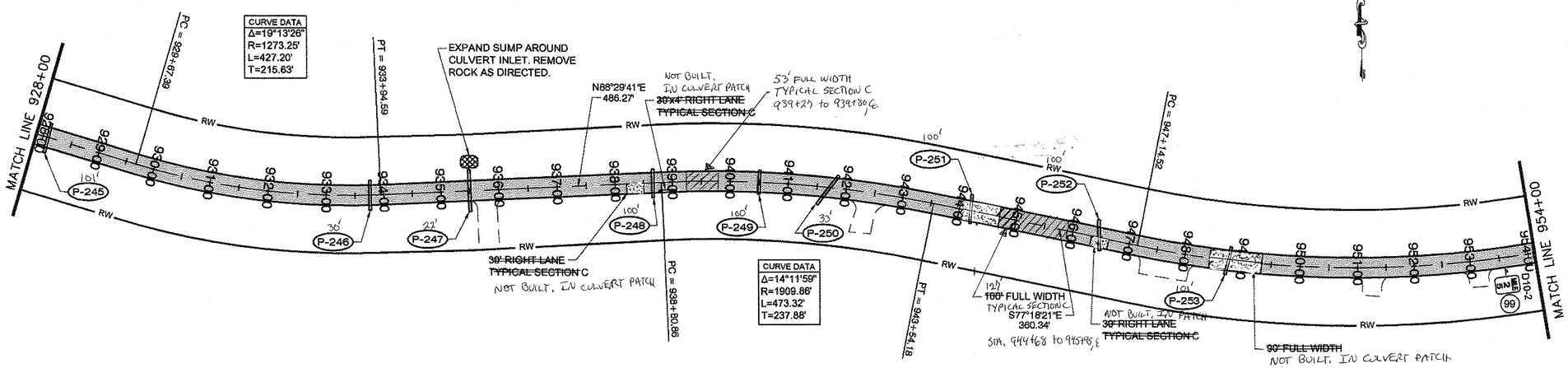
DESIGNED BY: G. LOCKWOOD
DRAWN BY: D. STEVENS

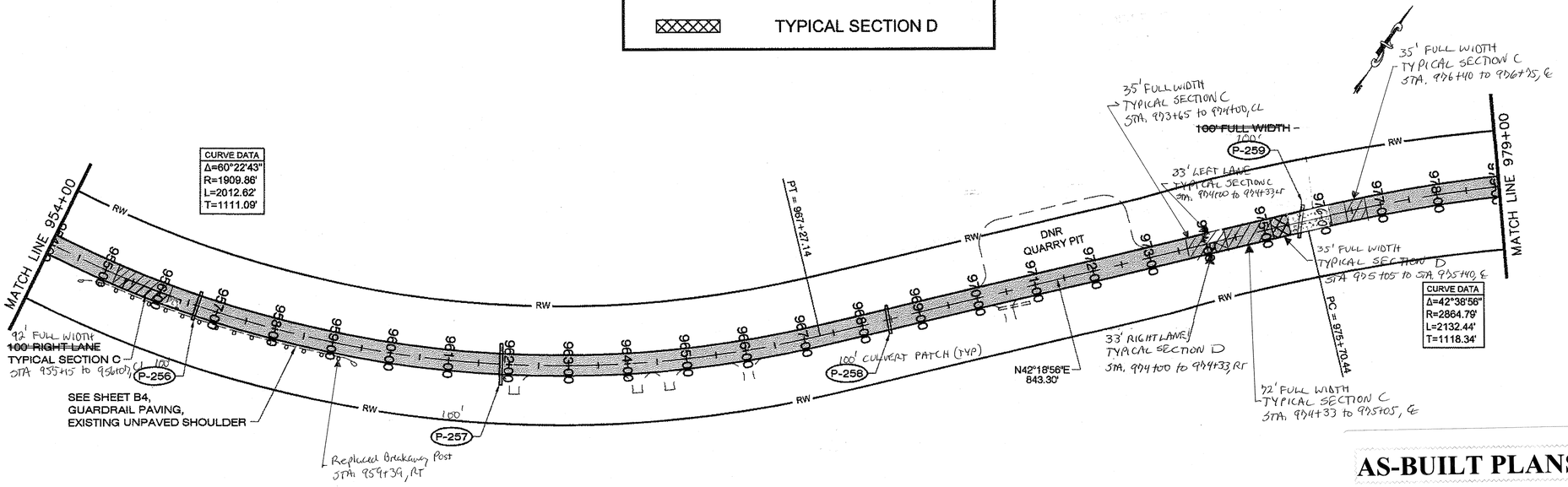
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 875+00 TO 928+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F17	~~59~~ 63





LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

AS-BUILT PLANS

INITIALS DW DATE 1/9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KLW\68688\PLANSET\68688_F1-24_PLAN.DWG
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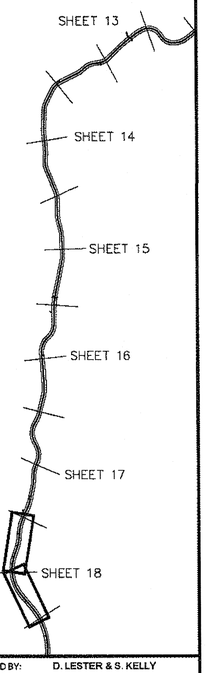
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 11/4/11

DESIGNED BY: G. LOCKWOOD

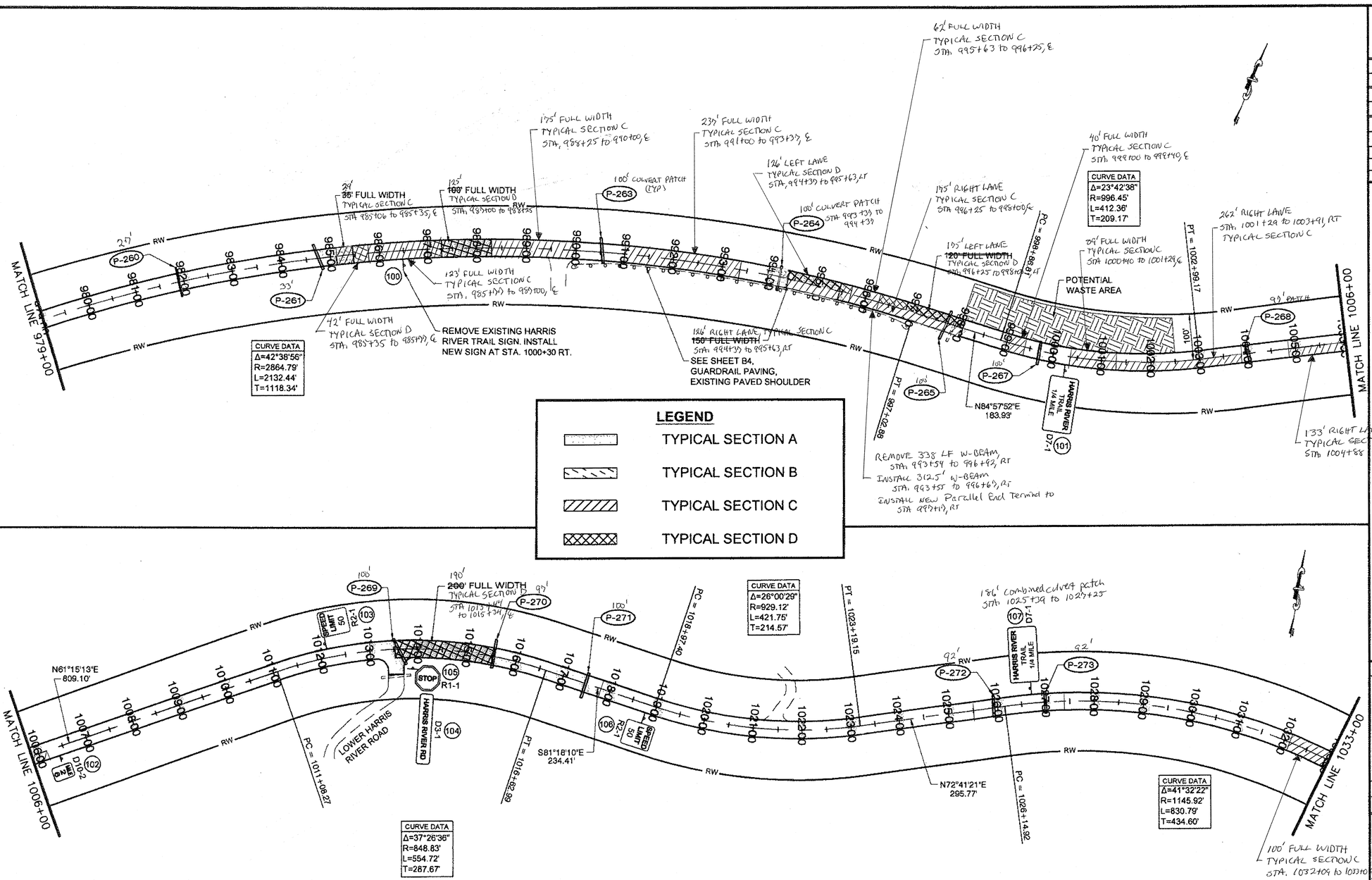
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 928+00 TO 979+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F18	~~59~~ 63



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

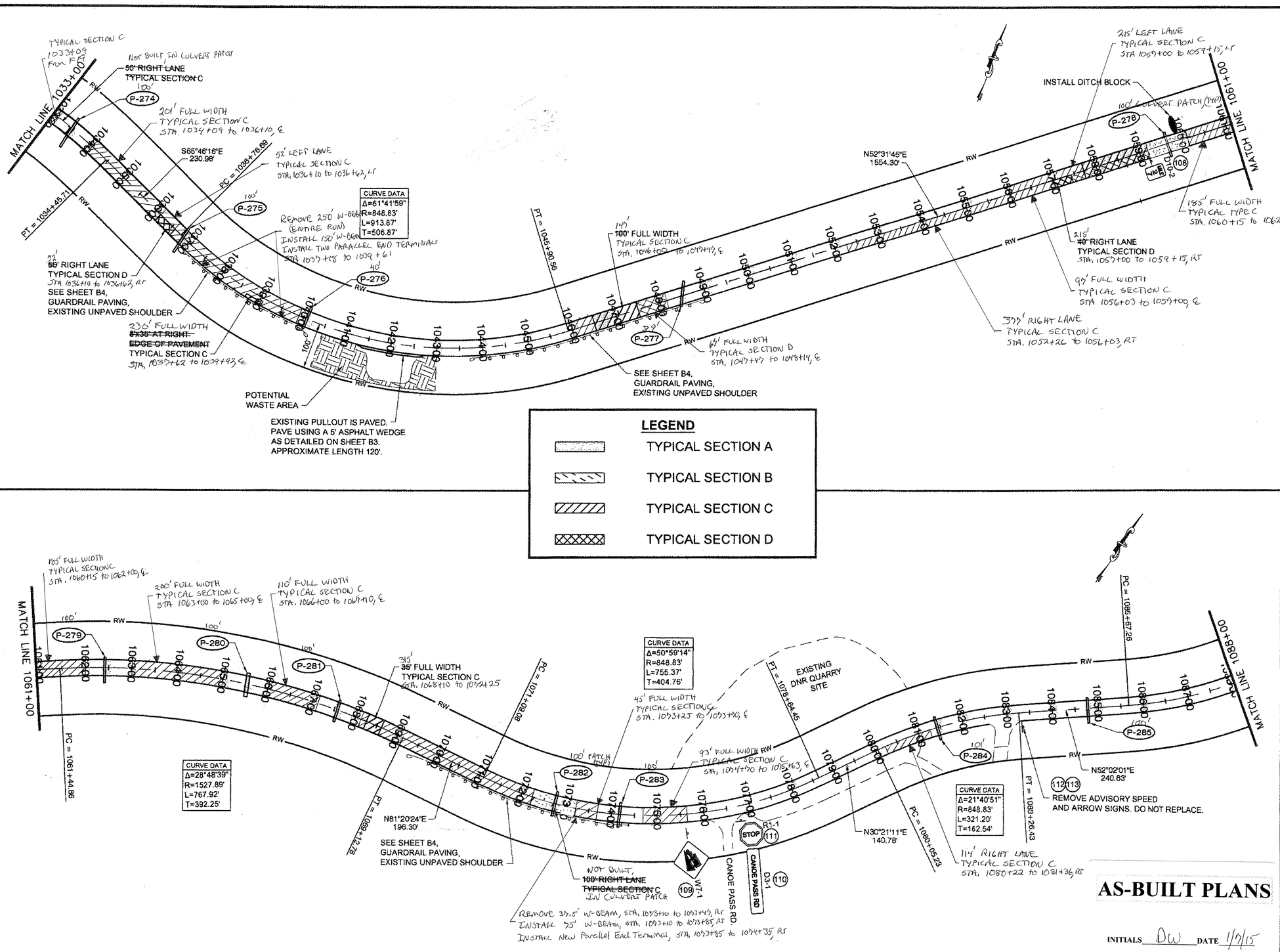
PLAN SHEET
STA 979+00 TO 1033+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F19	~~59~~ 63

AS-BUILT PLANS

INITIALS DW DATE 1/7/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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TAB: F20 Friday, August 19, 2011 1:33:50 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th PROFESSIONAL ENGINEER Gregory K. Lockwood CE-11650 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

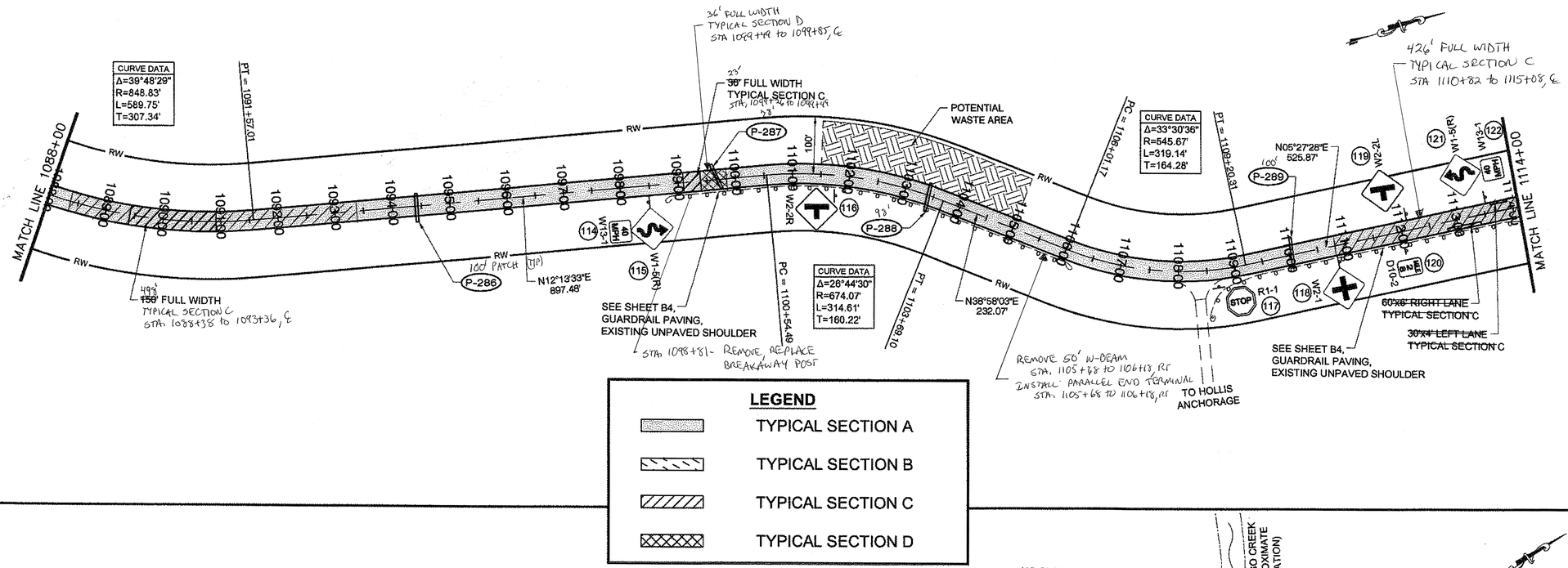
PLAN SHEET
STA 1033+00 TO 1088+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F20	59 63

AS-BUILT PLANS

INITIALS DW DATE 1/7/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory N. Lockwood CE-11850 REGISTERED Professional ENGINEER 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 1088+00 TO 1141+00

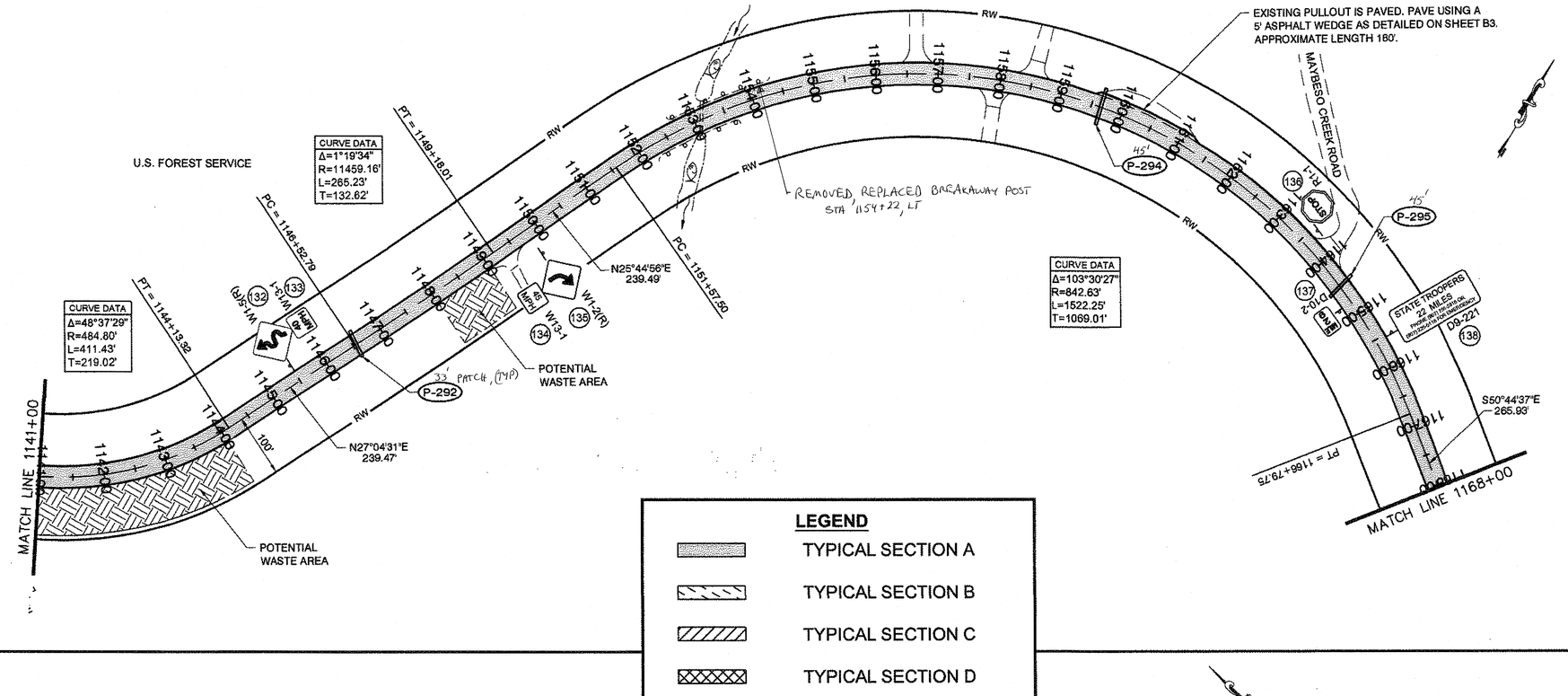
PROJECT DESIGNATION
STP-0924(18)

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F21	~~59~~ 63

AS-BUILT PLANS

INITIALS DW DATE 1/5/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



SHEET 19
SHEET 20
SHEET 21
SHEET 22
SHEET 23
SHEET 24

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11650 REGISTERED PROFESSIONAL ENGINEER 8/24/11

DESIGNED BY: G. LOCKWOOD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

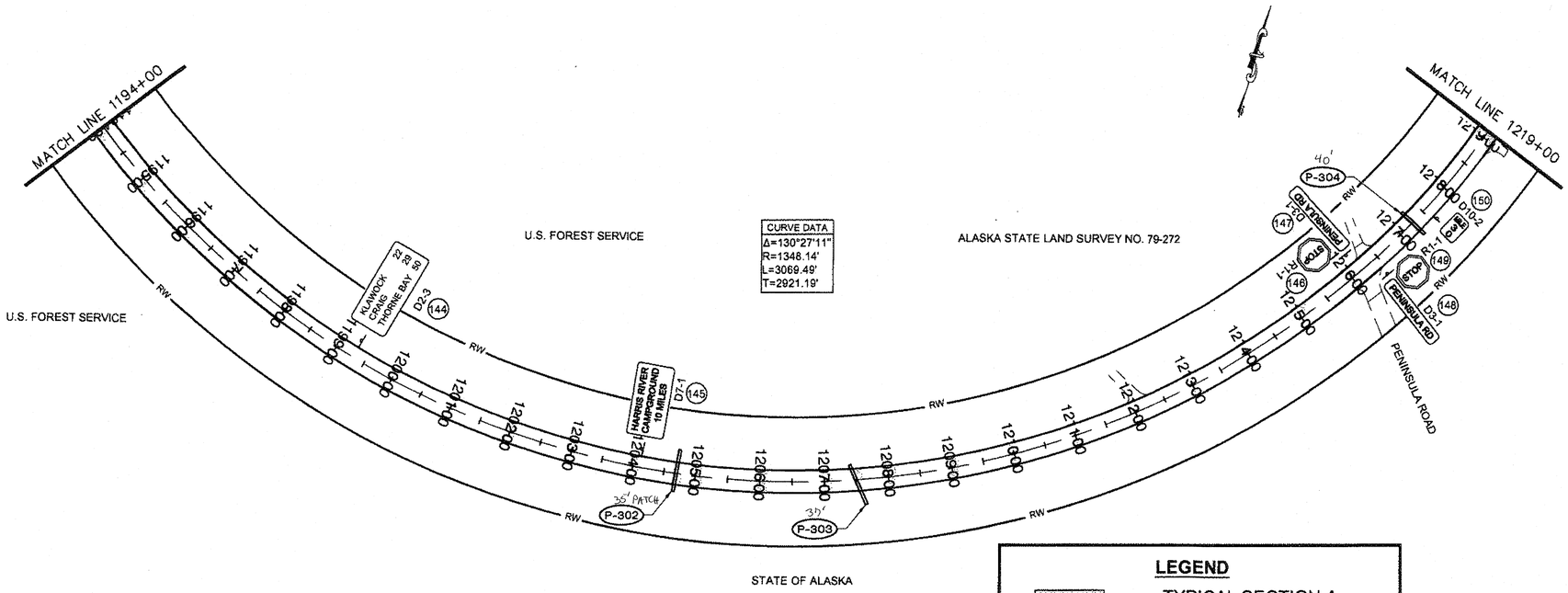
PLAN SHEET
STA 1141+00 TO 1194+00

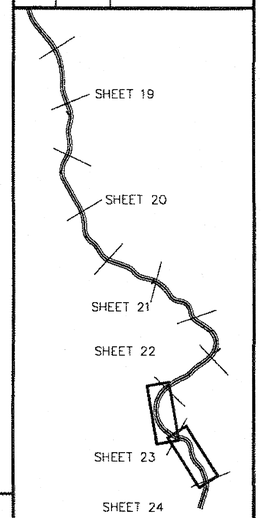
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F22	~~59~~ 63

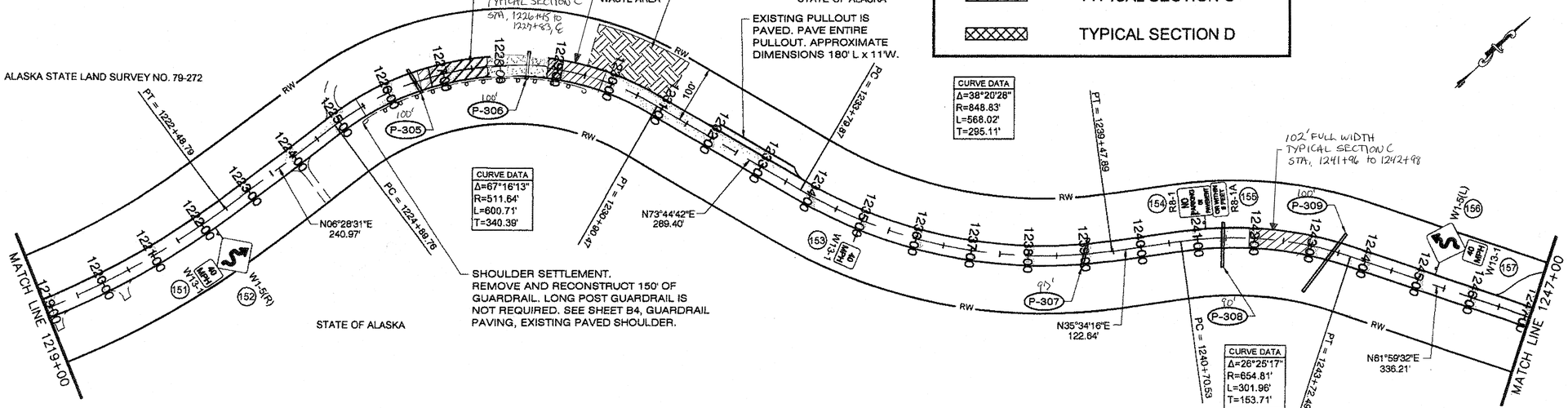
AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS







LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TAB: F23 Friday, August 19, 2011 1:34:16 PM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood 65-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

DESIGNED BY: G. LOCKWOOD

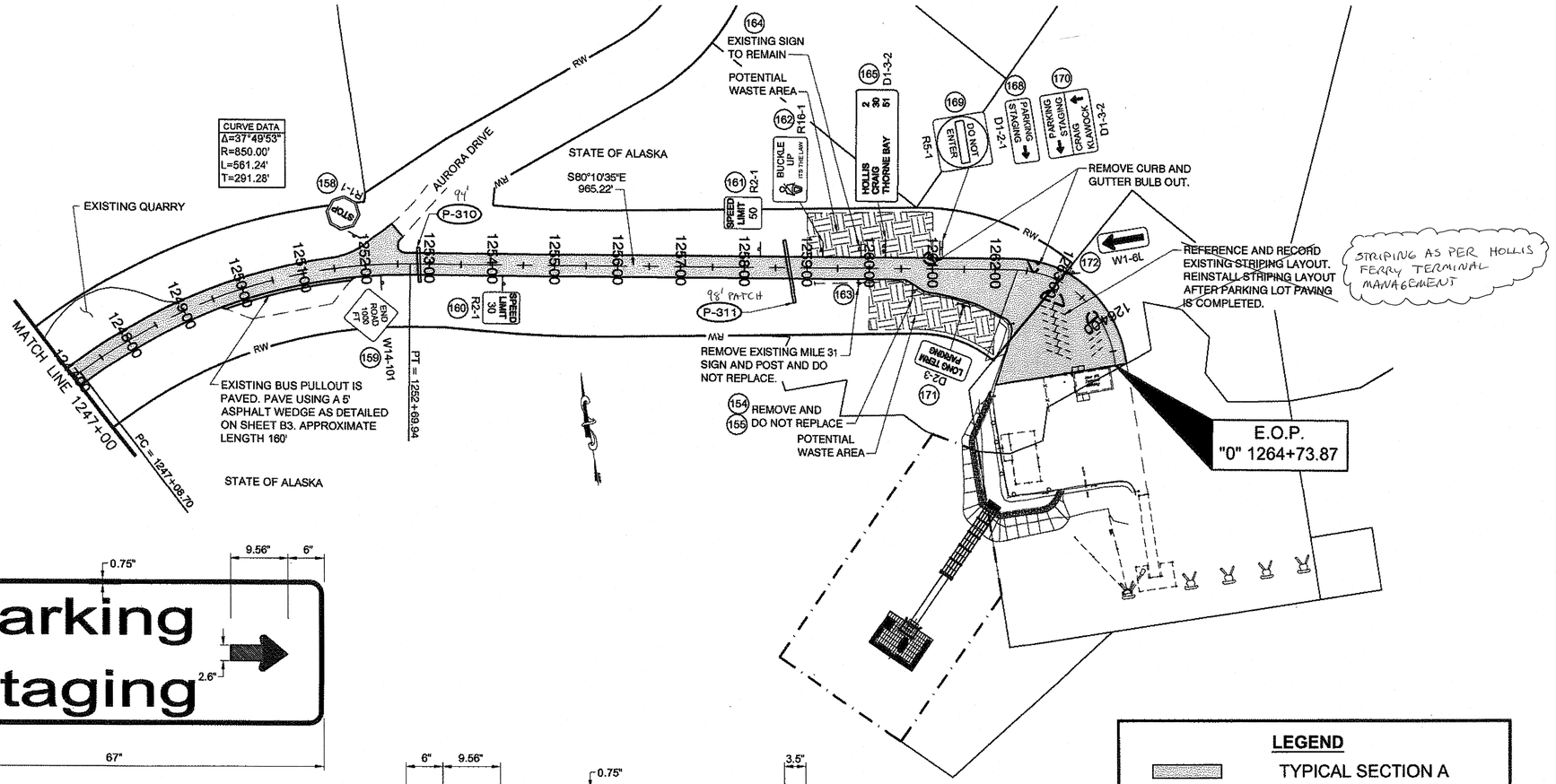
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

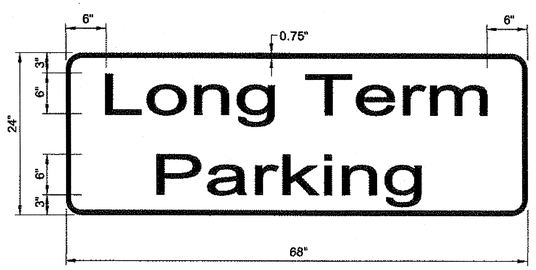
PLAN SHEET
STA 1194+00 TO 1247+00

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F23	~~59~~ 63



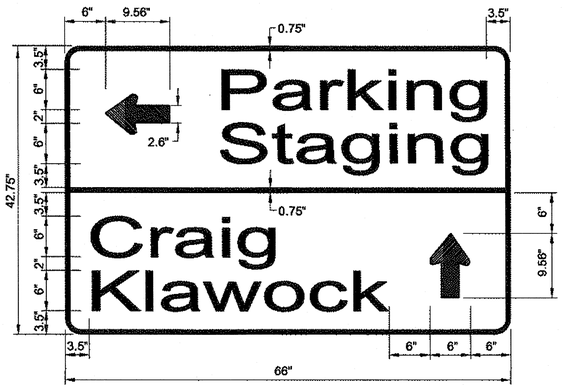
D1-2-1

USE FONT SERIES "Em", UPPERCASE LETTERS SHALL BE 6 INCH, LOWER CASE LETTERS SHALL BE 4 INCH.



D1-2 (NO ARROW)

USE FONT SERIES "Em", UPPERCASE LETTERS SHALL BE 6 INCH, LOWER CASE LETTERS SHALL BE 4 INCH.



D1-3-2

USE FONT SERIES "Em", UPPERCASE LETTERS SHALL BE 6 INCH, LOWER CASE LETTERS SHALL BE 4 INCH.

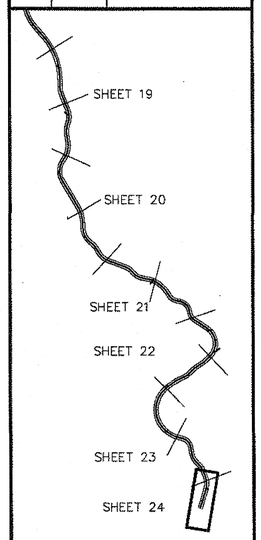
LEGEND

- TYPICAL SECTION A
- TYPICAL SECTION B
- TYPICAL SECTION C
- TYPICAL SECTION D

AS-BUILT PLANS

INITIALS DCW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: D. LESTER & S. KELLY

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 1/24/11

DESIGNED BY: G. LOCKWOOD

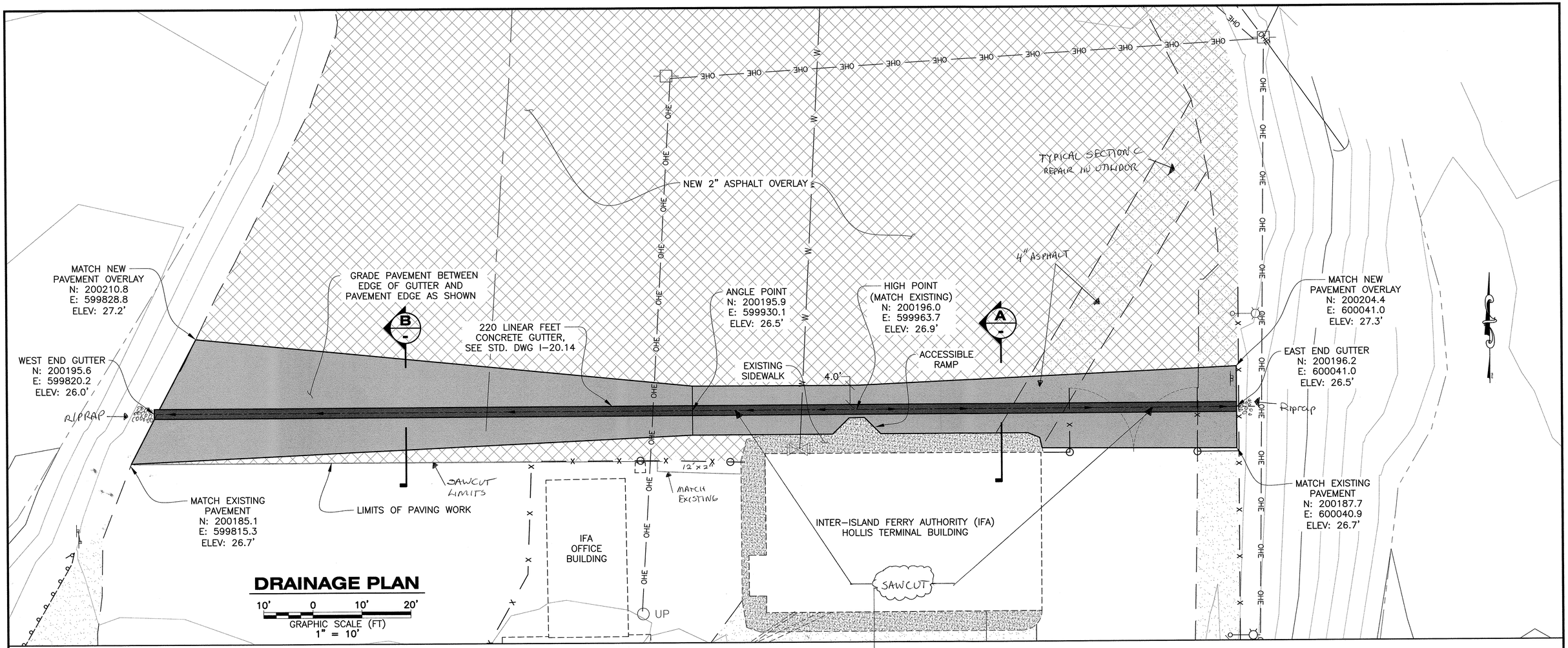
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

PLAN SHEET
STA 1247+00
TO 1262.35.20

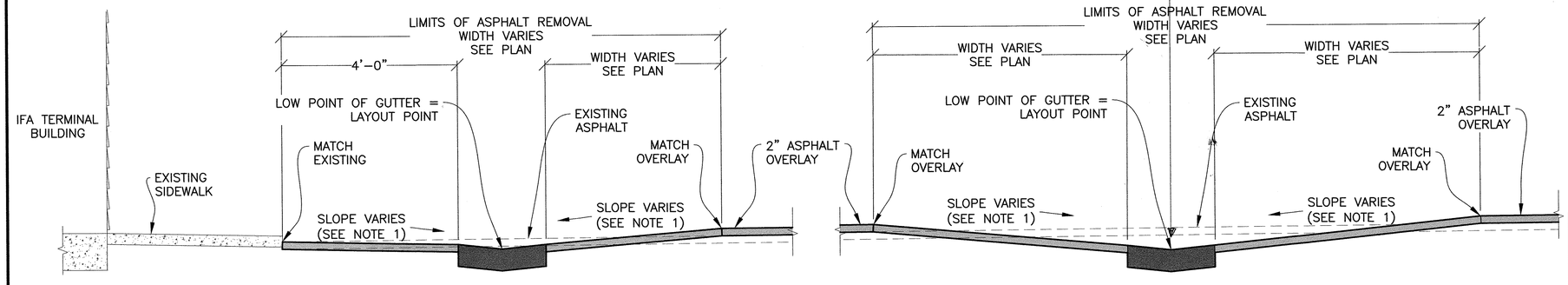
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F24	~~XX~~ 63



DRAINAGE PLAN

10' 0 10' 20'

GRAPHIC SCALE (FT)
1" = 10'



A - TYPICAL SECTION TERMINAL BUILDING

B - TYPICAL SECTION FLARED GRADING AREA

IWA #11

LEGEND

- EXISTING GRAVEL SURFACE
- GRADE ASPHALT BETWEEN GUTTER & SAWCUT AS SHOWN
- NEW ASPHALT OVERLAY

NOTE:

1. RE-GRADE SUBBASE & PAVE NEW ASPHALT EITHER SIDE OF THE CONCRETE GUTTER, BASED ON SAWCUTS AND LAYOUT POINTS PROVIDED ON THE PLAN VIEW.

AS-BUILT PLANS

INITIALS DW DATE 1/9/15

DRAWING SCALES ARE FOR FULL-SIZE SHEETS. IF NO SCALE SHOWN, USE DIMENSIONS.

DESIGNED BY: STAFF
CHECKED BY: STAFF
DRAWN BY: STAFF

PATH: Q:\POW\67449\MF\DESIGN\JDO\CLARK BAY FT - DRAINAGE PLAN.DWG
TAB: 1 Friday, April 11, 2014 11:16:18 AM OSBURN, JOEL D (DOT)

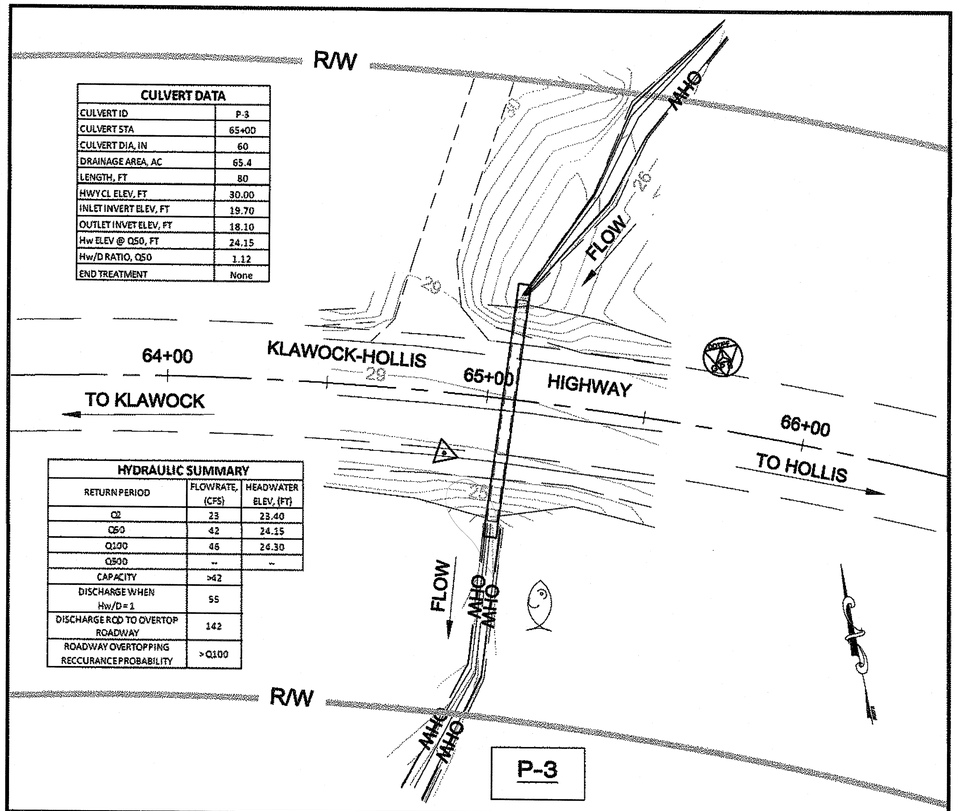
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

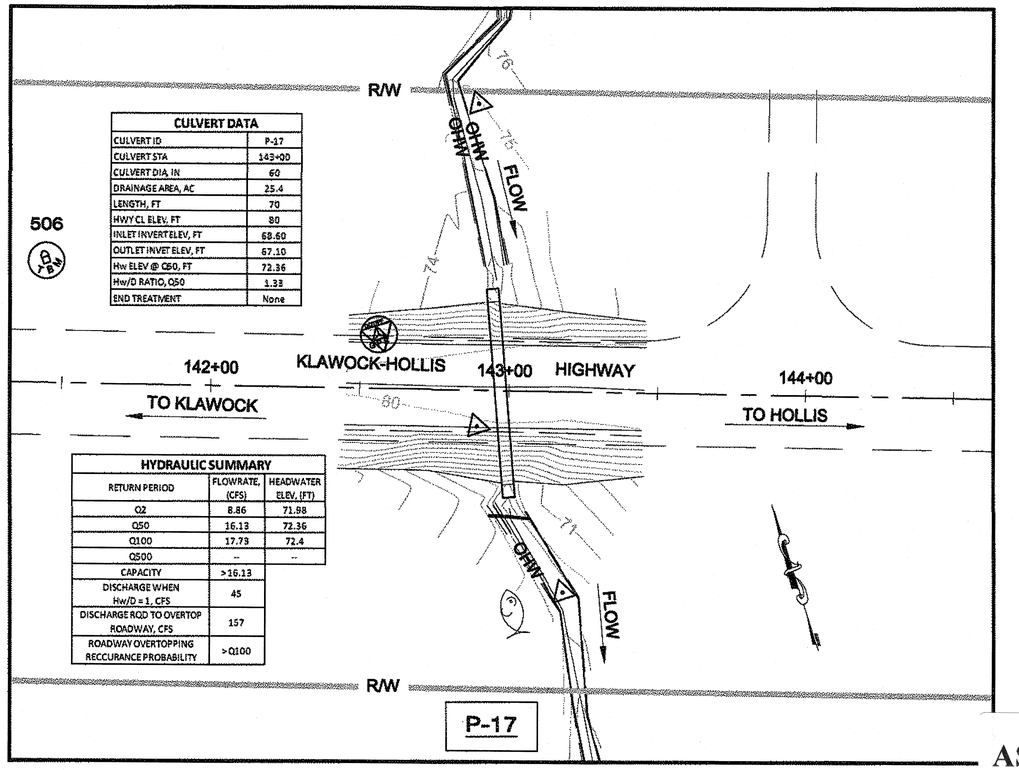
KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT #68688

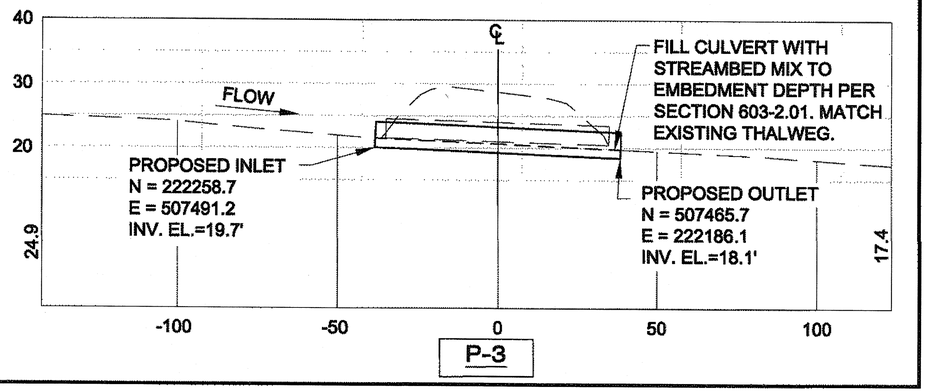
FERRY TERMINAL DRAINAGE IMPROVEMENTS

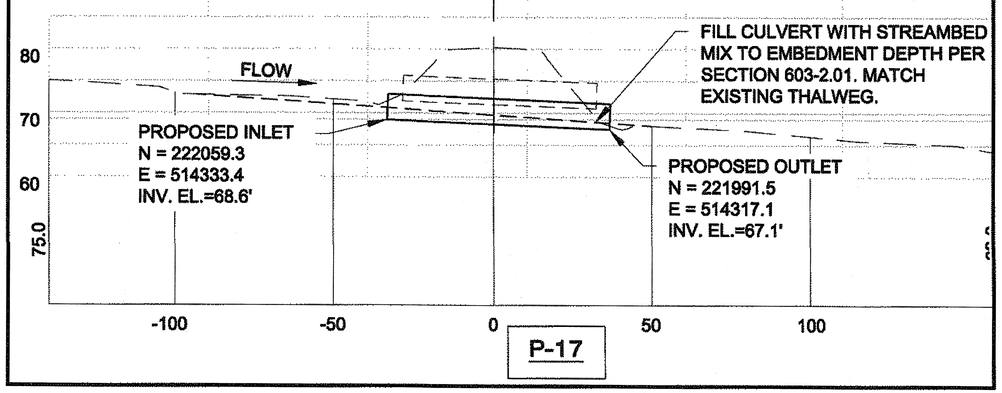
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0924(18)	2014	~~1~~	~~163~~

F25









DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TAB: J1 Thursday, September 20, 2011 9:47:54 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

FISH PASSAGE
PLAN AND PROFILES

AS-BUILT PLANS

INITIALS DCW DATE 1/9/15

CHECKED BY: D. LESTER

STATE OF ALASKA
Robert E. Trousil Jr.
CE-12504
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL

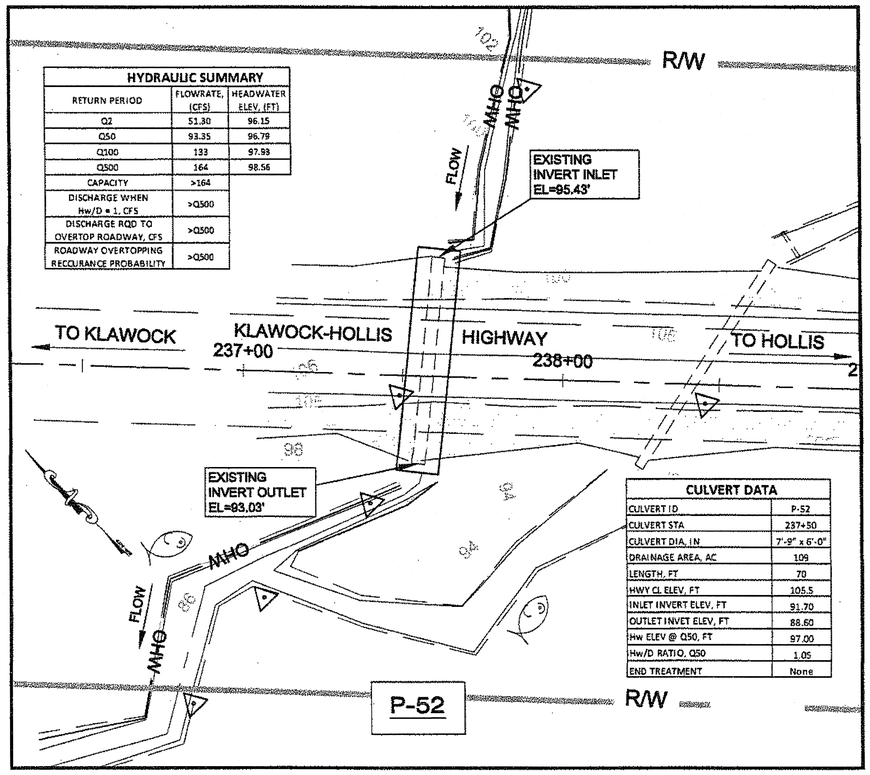
DRAWN BY: D. STEVENS

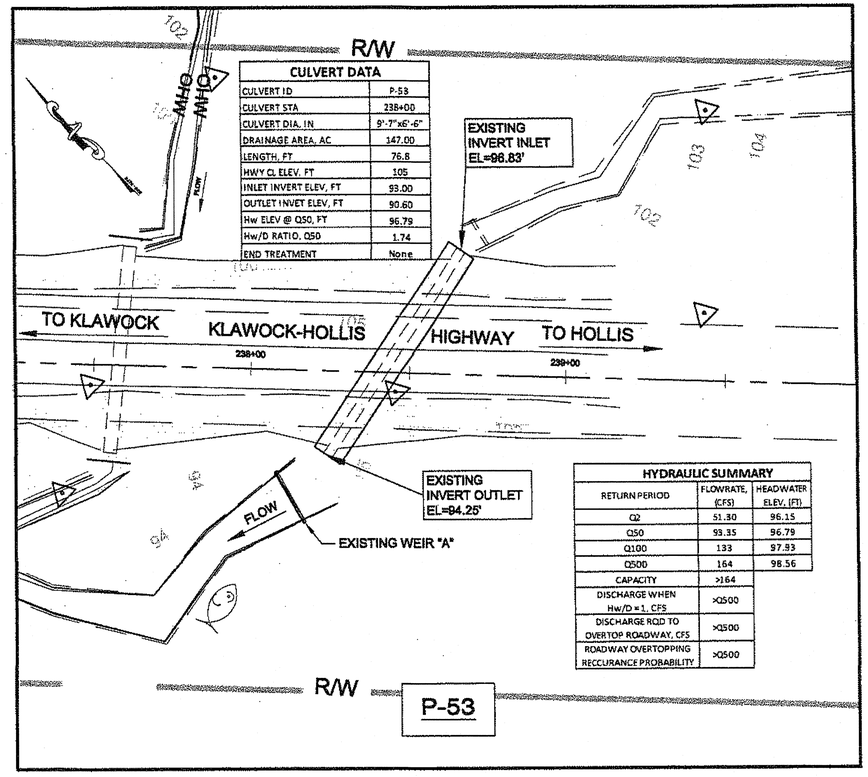
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

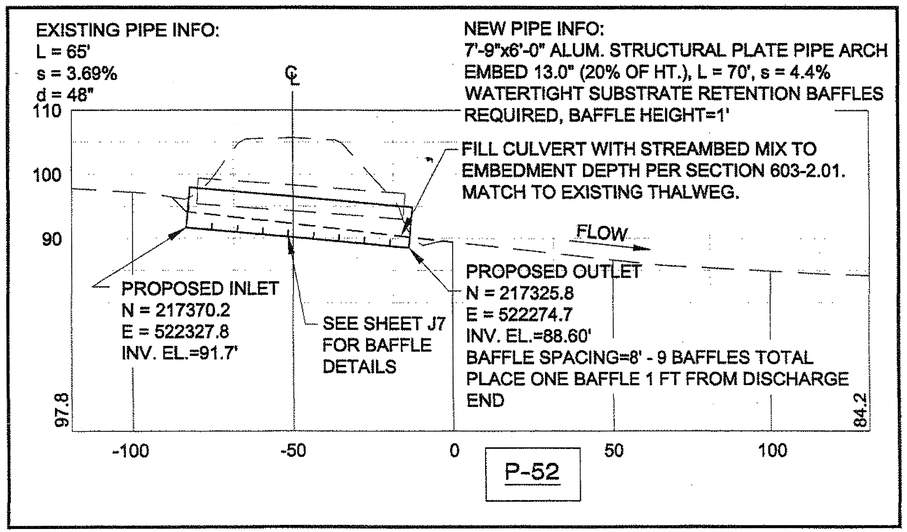
KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

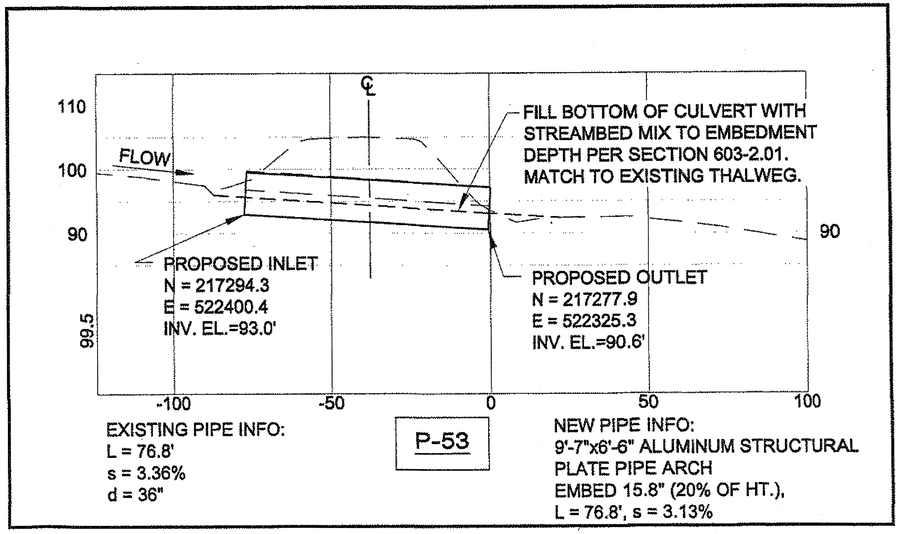
FISH PASSAGE
PLAN AND PROFILES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J1	~~59~~ 63









DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TAB: J2 Tuesday, January 24, 2012 8:21:10 AM

ADDENDUM NUMBER
6
ATTACHMENT NUMBER
2

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

FISH PASSAGE
PLAN AND PROFILES

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

CHECKED BY: D. LESTER

STATE OF ALASKA 49th Robert E. Trousil Jr. CE-12504 PROFESSIONAL ENGINEER 1-29-12

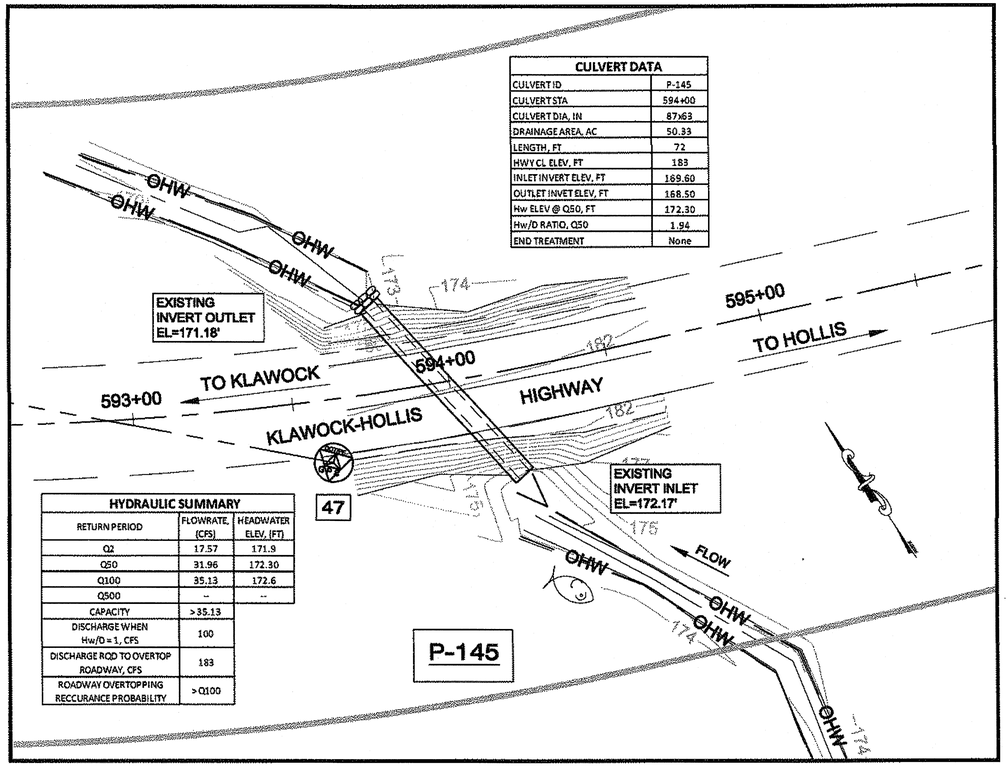
DESIGNED BY: R. TROUSIL
DRAWN BY: D. STEVENS

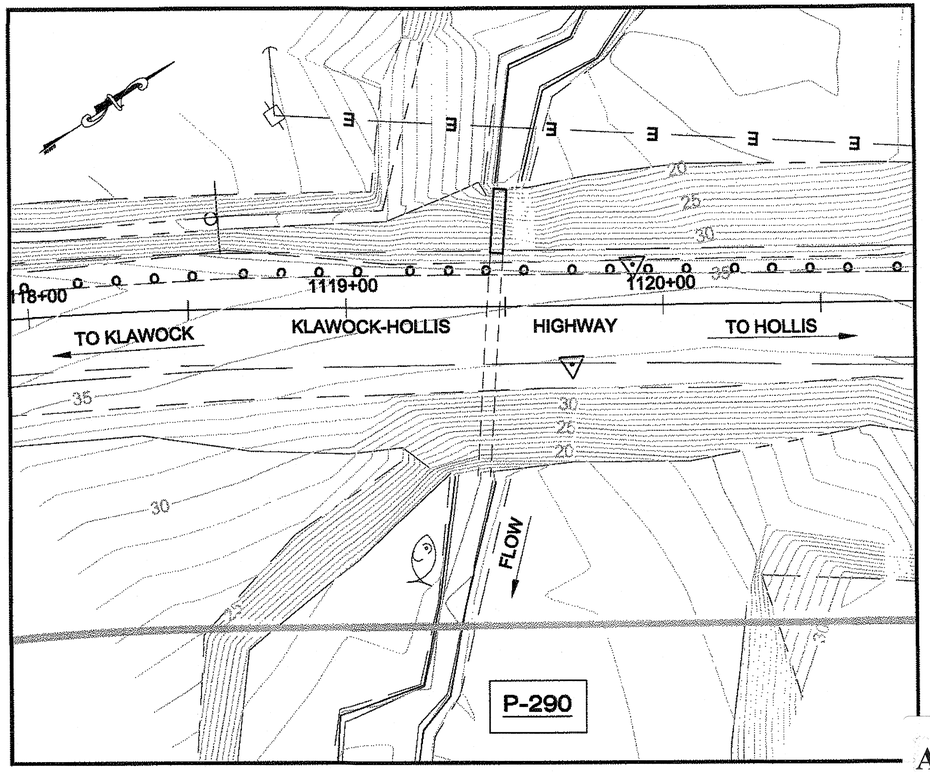
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

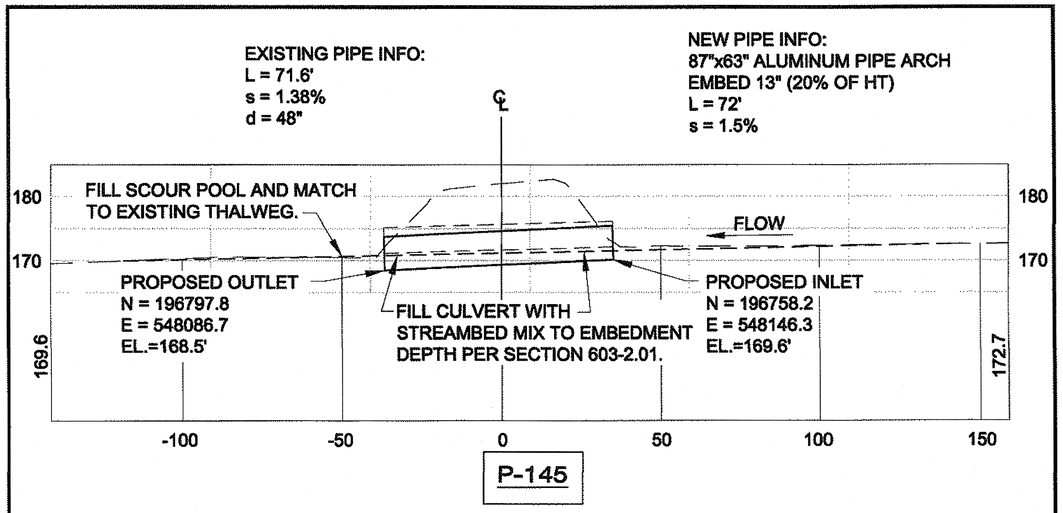
KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

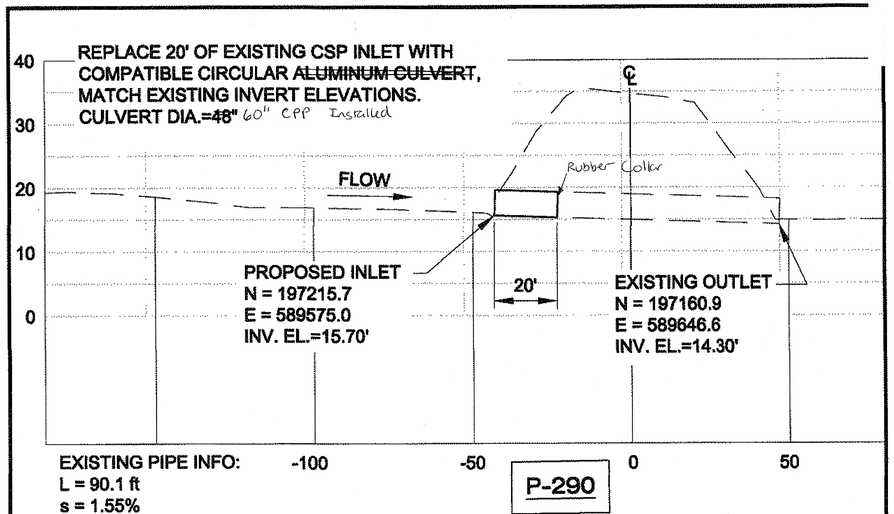
FISH PASSAGE
PLAN AND PROFILES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J2	~~59~~ 63









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ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

FISH PASSAGE
PLAN AND PROFILES

AS-BUILT PLANS

INITIALS DW DATE 1/3/15

CHECKED BY: D. LESTER

STATE OF ALASKA 49th
Robert E. Trousil Jr.
CE-12504
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL
DRAWN BY: D. STEVENS

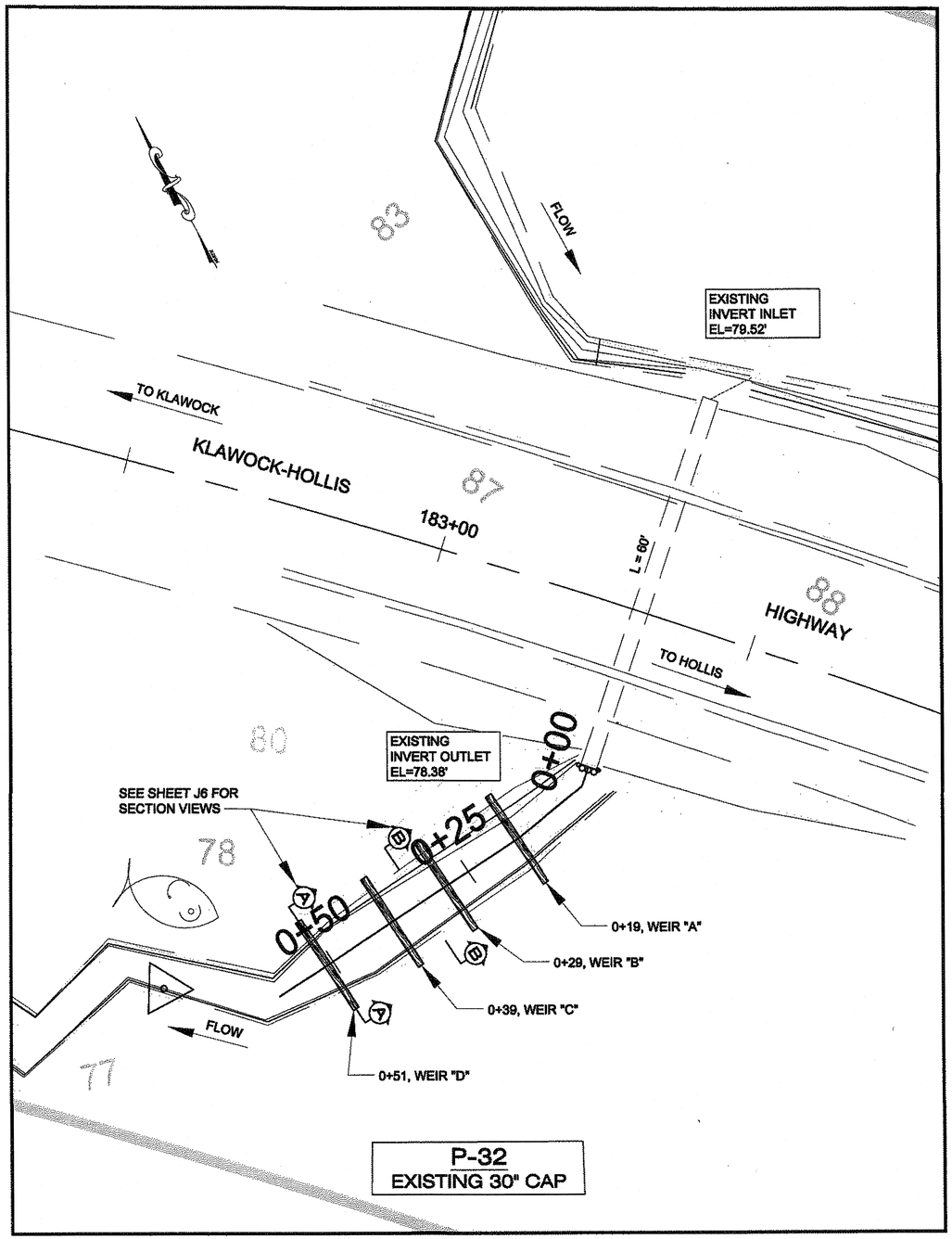
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

FISH PASSAGE
PLAN AND PROFILES

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J3	~~59~~ 63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



ACCESS NOTES:

1. ACCESS MAY REQUIRE CLEARING AND GRUBBING. DISTURBED AREAS SHALL BE REGRADED AND SEEDED.
2. SET CRANE ON THE SHOULDER OF KLAWOCK-HOLLIS HIGHWAY TO LOWER EQUIPMENT AND SUPPLIES TO THE SITE. TRAFFIC CONTROL FOR THIS OPTION SHALL BE CONSIDERED SUBSIDIARY.

Weir & Thalweg Modifications Table, P-32 Klawock-Hollis Highway STA 182+75, (elevations approximate, [5])

Description	Stream Station	Northing, ft	Easting, ft	Approx Exist Thalweg (Invert) Elev, ft	New Thalweg Elev, ft	Proposed Elev Top of Weir, ft	Proposed Elev Bottom of Weir, ft	Offset Weir Length Left, ft	Offset Weir Length Rt, ft
Culvert Invert @ Discharge, P-32	0+00	220467	518004	(78.4)	--	--	--	--	--
Install Weir "A"	0+19	220466	517989	72.1	77.0	78.4	75.9	8.0	8.0
Install Weir "B"	0+29	220464	517979	75.2	76.3	77.6	75.1	8.0	8.0
Install Weir "C"	0+39	220464	517969	75.2	75.5	76.9	74.4	8.0	8.0
Install Weir "D"	0+51	220463	517957	75.2	75.2	76.0	73.5	8.0	8.0

P-32 Task Summary:
1. Remove existing weir
2. Space weirs ~10-ft apart, embedment depth 1-ft minimum
3. Beginning with Weir A, install four (4) weirs as shown
4. Fill thalweg between weir sections as shown
5. Weir placement shall be verified by the design engineer
6. Work shall comply with Fish and Game permit conditions

AS-BUILT PLANS

INITIALS DW DATE 1/9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\KLW\68688\PLANSET\68688_FISH PIPES.DWG
DRDODGE
TAB: J4 Friday, August 19, 2011 1:56:58 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

STA. 183+32, P-32, STREAM UPGRADES, WEIR INSTALLATION

CHECKED BY: D. LESTER

STATE OF ALASKA 49th
Robert E. Trousil Jr.
CE-12504
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL
DRAWN BY: D. STEVENS

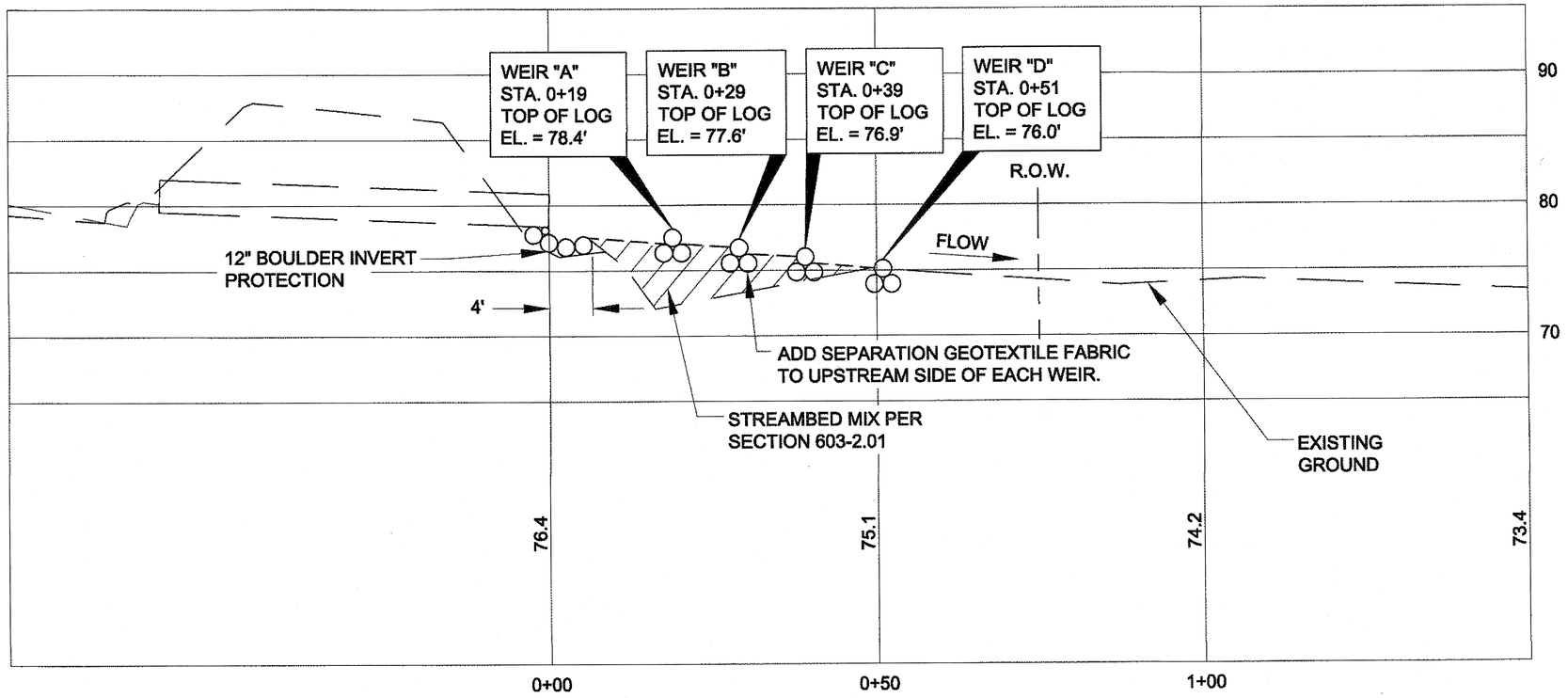
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

STA. 183+32, STREAM UPGRADES, WEIR INSTALLATION

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J4	59 63

EXISTING PIPE INFO:
L = 59.5 ft
s = 1.92%
d = 30"



P-32
EXISTING 30" CAP

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:
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TAB: J5 Friday, August 19, 2011 11:45:13 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

STA. 183+32, P-32,
WEIR INSTALLATION
PROFILE

CHECKED BY: D. LESTER

STATE OF ALASKA
49th
9-17-11
Robert E. Trousil Jr.
CE-12504
REGISTERED PROFESSIONAL ENGINEER

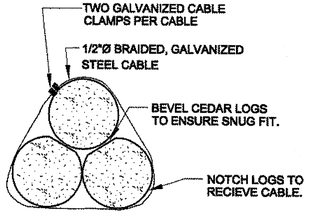
DESIGNED BY: R. TROUSIL
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

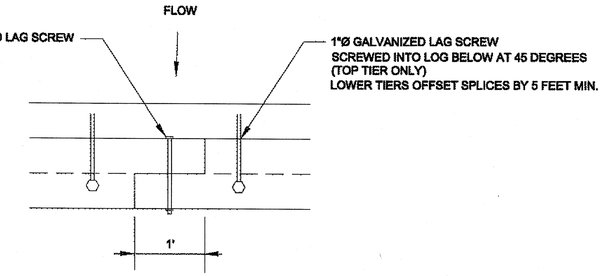
KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

**STA. 183+32,
WEIR INSTALLATION
PROFILE**

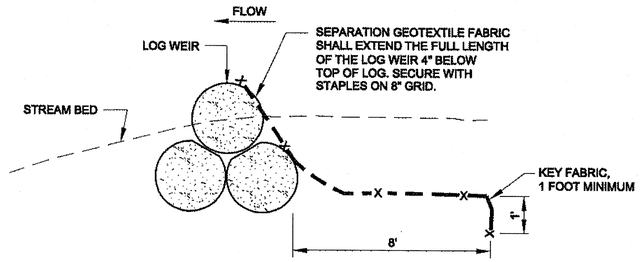
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J5	~~59~~ 63



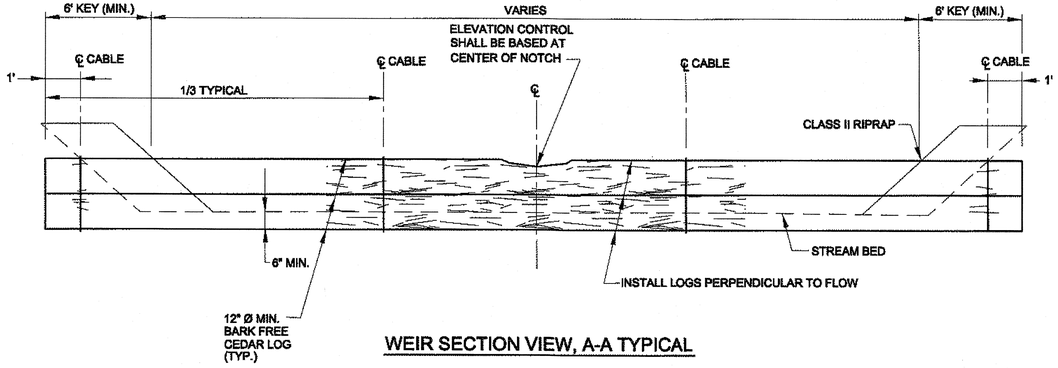
CEDAR LOG DETAIL



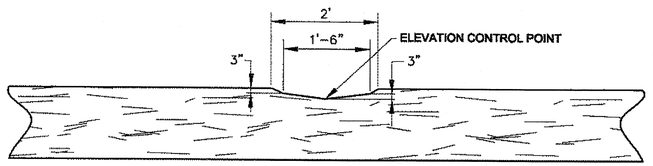
LOG SPLICE DETAIL
PLAN VIEW



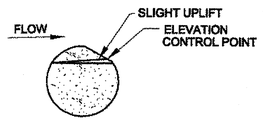
FABRIC DETAIL AT EACH WEIR



WEIR SECTION VIEW, A-A TYPICAL

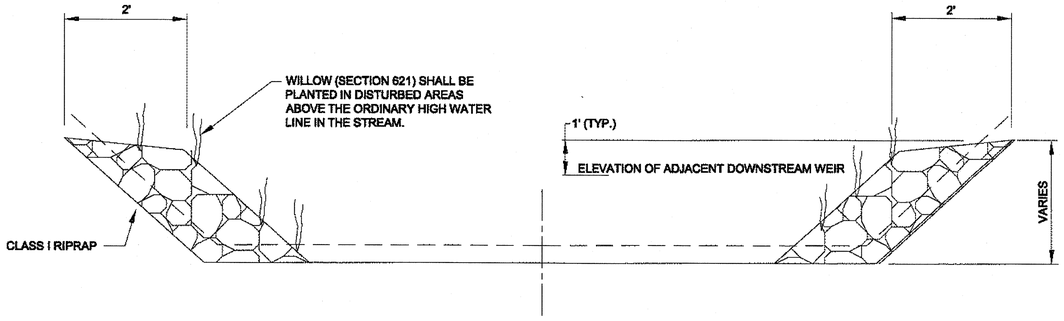


DOWNSTREAM VIEW
NOTCH DETAIL



END VIEW

LOW FLOW DETAILS



BANK REHABILITATION RIPRAP SECTION VIEW, B-B TYPICAL

AS-BUILT PLANS

INITIALS DO DATE 1/9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\KLW\68688\PLANSET\68688_FISH PIPES.DWG
DRDODGE
TAB: J8 Friday, August 19, 2011 11:45:21 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

TYPICAL
WEIR INSTALLATION
DETAILS

CHECKED BY: D. LESTER

STATE OF ALASKA 49th Robert E. Trousil Jr. CE-12504 REGISTERED PROFESSIONAL ENGINEER 9-14-11

DESIGNED BY: R. TROUSIL

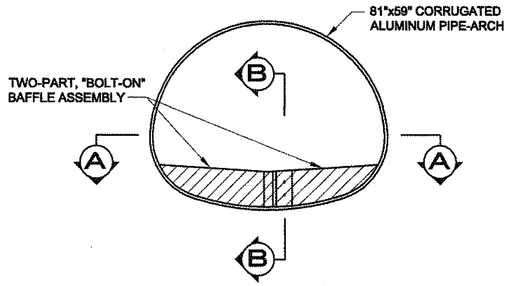
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

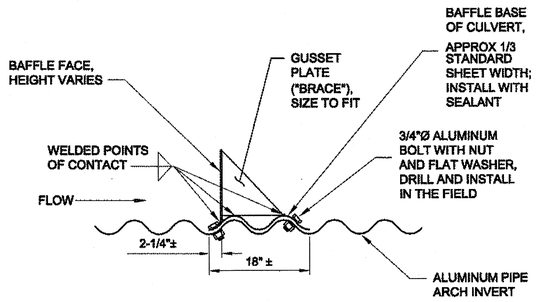
KLAWOCK TO HOLLIS
PAVEMENT REHABILATION
PROJECT #68688

TYPICAL
WEIR INSTALLATION
DETAILS

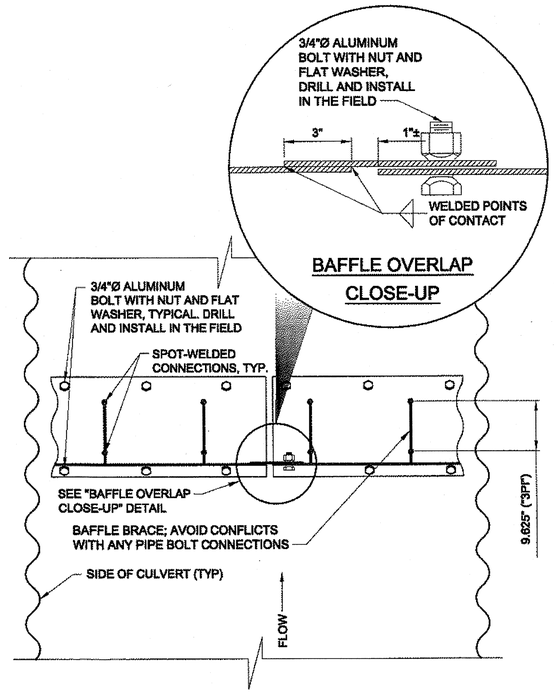
PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J6	59 63



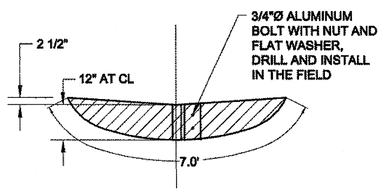
TWO-PIECE BAFFLE ASSEMBLY



BAFFLE SECTION B-B



BAFFLE SECTION A-A



BAFFLE DETAIL

BAFFLE NOTES:

1. ALL BAFFLES AND BRACES SHALL BE MANUFACTURED FROM 1/4" SHEET MATERIAL.
2. EACH BAFFLE SHALL HAVE A MINIMUM OF 6 BRACES.
3. ALL DIMENSIONS ON THIS SHEET ARE NOMINAL- BAFFLES SHALL BE MANUFACTURED TO FIT PARTICULAR PIPE.

BAFFLE NOTES:

1. BAFFLE-PIPE INTERFACE SHALL BE WATER-TIGHT TO THE EXTENT PRACTICABLE. USE MASTIC/SEALANT AT CONNECTIONS THAT ARE COMPATIBLE (AND NON-CORROSIVE) TO THE CORRUGATED ALUMINUM PIPE ARCH AND APPURTENANT HARDWARE.

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: G:\KLW\68688\PLANSET\68688_FISH PIPES.DWG
DRDODGE
TAB: J7 Friday, August 19, 2011 11:45:28 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS DETAILS

CHECKED BY: D. LESTER

STATE OF ALASKA
49th
8-19-11
Robert E. Trousil Jr.
CE-12504
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: R. TROUSIL
DRAWN BY: D. STEVENS

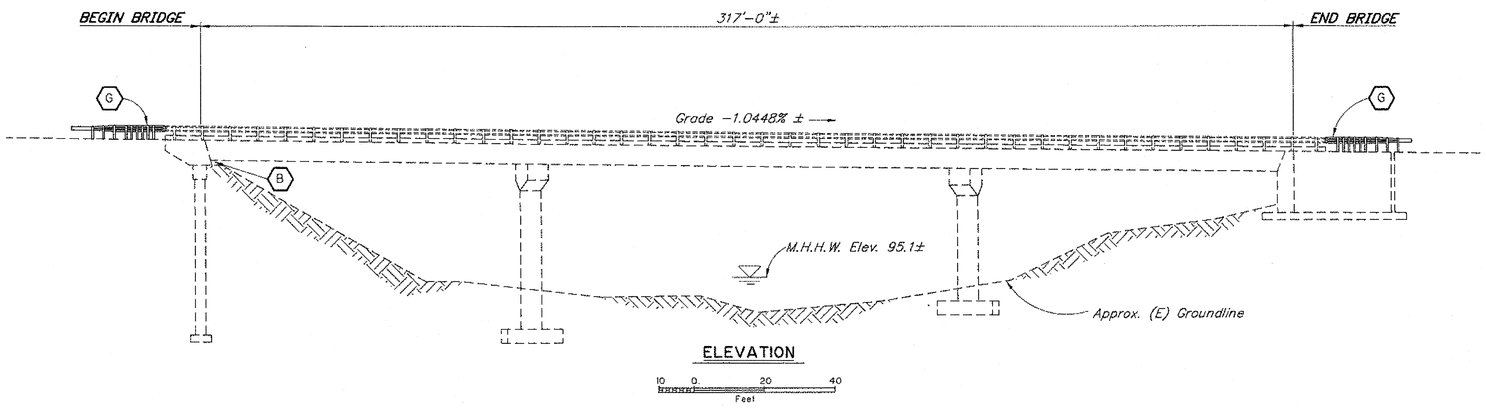
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT REHABILITATION
PROJECT #68688

MISCELLANEOUS DETAILS

PROJECT DESIGNATION	
STP-0924(18)	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
J7	~~59~~ 63

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		

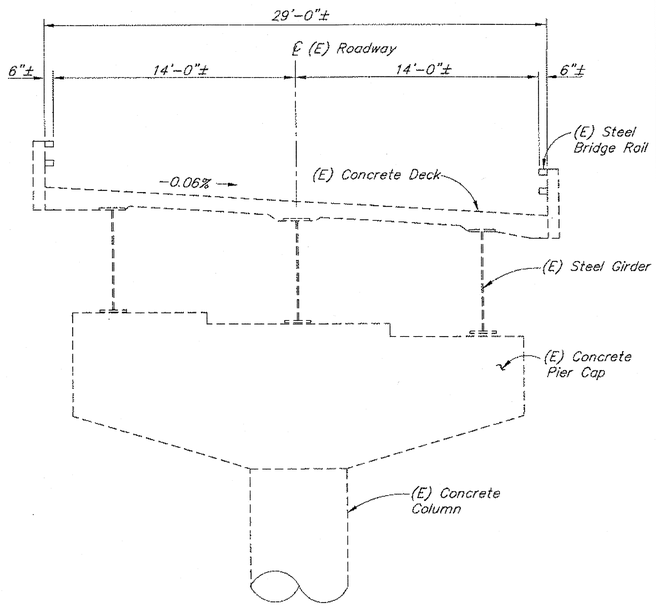


ELEVATION

10 0 20 40
Feet

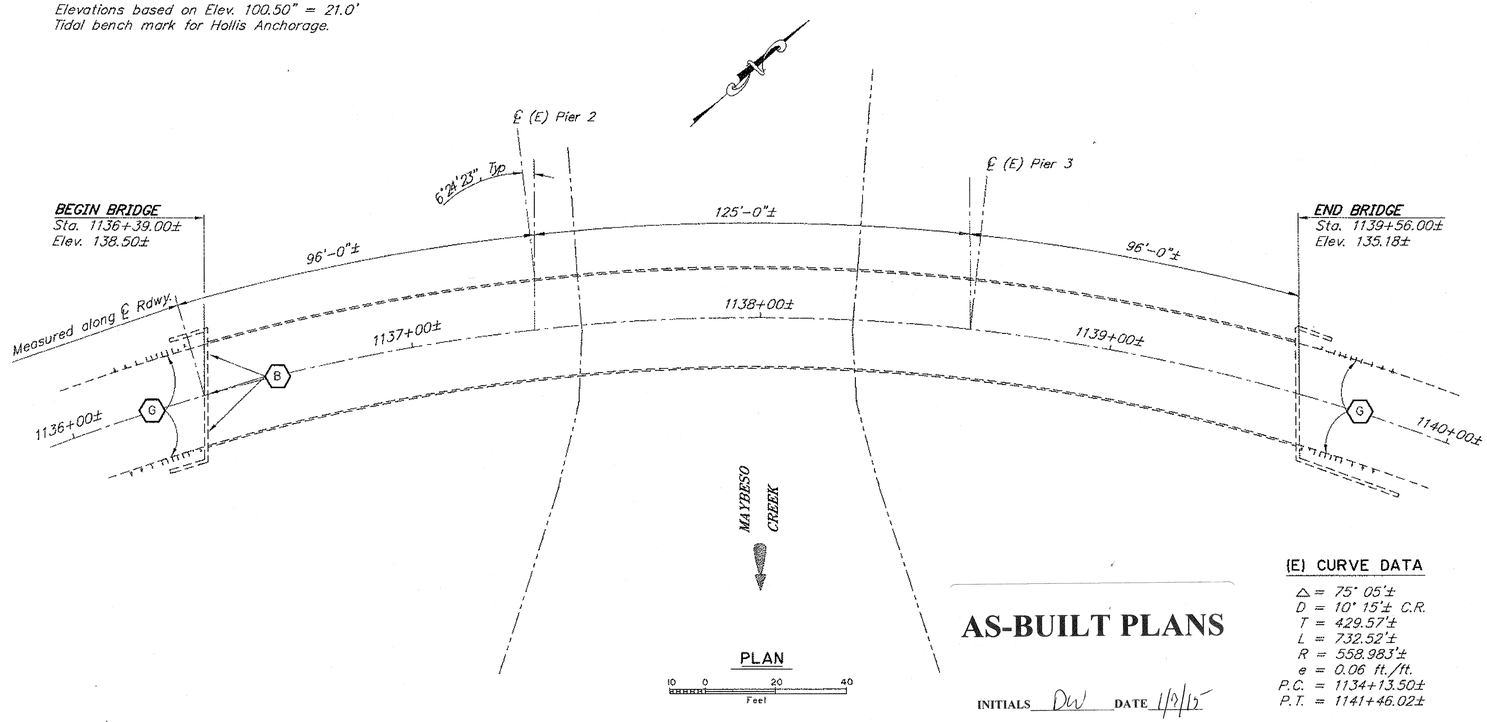
NOTE:

Elevations based on Elev. 100.50" = 21.0'
Tidal bench mark for Hollis Anchorage.



TYPICAL SECTION

12 0 4 8
In. Feet



PLAN

10 0 20 40
Feet

AS-BUILT PLANS

INITIALS DW DATE 1/12/15

(E) CURVE DATA

Δ = 75° 05'±
D = 10° 15'± C.R.
T = 429.57'±
L = 732.52'±
R = 558.983'±
e = 0.06 ft./ft.
P.C. = 1134+13.50±
P.T. = 1141+46.02±

LEGEND
(B) = Bearing Rehabilitation
(G) = Guardrail/Bridge Rail Connections

BRIDGE DRAWING INDEX

TITLE	DWG. NO.
GENERAL LAYOUT	1
TYPICAL SECTION	2
ABUTMENT 1	3
EXISTING ABUTMENT 1 BEARINGS	4
ABUTMENT 1 BEARING RETROFIT	5
STEEL BRIDGE RAILING	6
THRIE BEAM TRANSITION	7

NOTES:

(E) = Existing
- - - - - = Existing
——— = Proposed

REHABILITATION

DESIGNED BY: George Imbsen	CHECKED: Todd Boris	LAYOUT BY: George Imbsen	CHECKED BY: Todd Boris
DRAWN BY: C. Anderson — Cathy Anderson	CHECKED: George Imbsen	SPECIFICATIONS BY: G. Imbsen	P S & E COMPARED: George Imbsen
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris	APPROVAL RECOMMENDED BY: Richard Pratt	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
BRIDGE SECTION

STATE OF ALASKA — 49TH — George H. Imbsen — No. 9369 — 8/12/11 — REGISTERED PROFESSIONAL ENGINEER

MAYBESO CREEK BRIDGE
CRAIG/KLAWOCK/HOLLIS HIGHWAY
GENERAL LAYOUT

BRIDGE NO. 482
DWG. NO. 1

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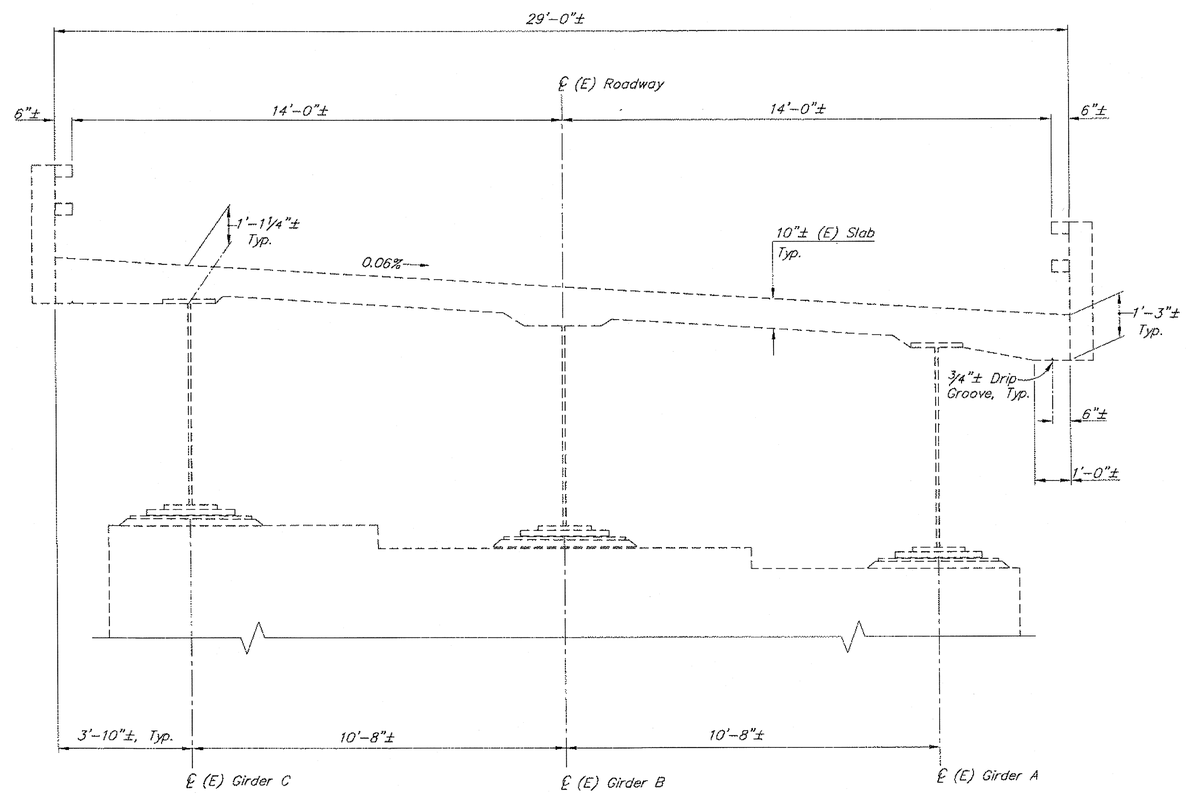
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		



TYPICAL SECTION

12 6 0 1 2 3 4
In. Feet

GENERAL NOTES

DESIGN: ..... AASHTO LRFD Bridge Design Specifications, Fifth Edition, 2010, with latest interim specifications. Use low temperature Zone C and minimum low temperature elastomer grade of 3.

LIVE LOAD:..... HL-93

STRUCTURAL STEEL:..... ASTM A709, Grade 36T3, Fy = 36,000 psi
Galvanize according to SSPC Coating Guide No. 23.00 or AASHTO M111 after fabrication.

BRIDGE BASIS OF ESTIMATE

ITEM NO.	ITEM	PAY UNIT	ESTIMATING UNIT	SUBST.	SUPERST.	TOTAL
514(1)	Bearing Rehabilitation	L.S.	EACH	3	–	3
606(14)	Guardrail/Bridge Rail Connection	EACH	EACH	–	4	4

Item numbers are for reference only. Quantities shown are not necessarily the pay quantities nor the total quantity of the particular item.

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

NOTES:
(E) = Existing
- - - - - = Existing
——— = Proposed

DESIGNED BY: George Imbsen	CHECKED: Todd Boris	**REHABILITATION**	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION
DRAWN BY: C. Anderson Cathy Anderson	CHECKED: George Imbsen		
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris		

STATE OF ALASKA 49TH
George H. Imbsen
No. 4386E
REGISTERED PROFESSIONAL ENGINEER
3/17/11

MAYBESO CREEK BRIDGE
HOLLIS ROAD
TYPICAL SECTION

BRIDGE NO. 482
DWG. NO. 2

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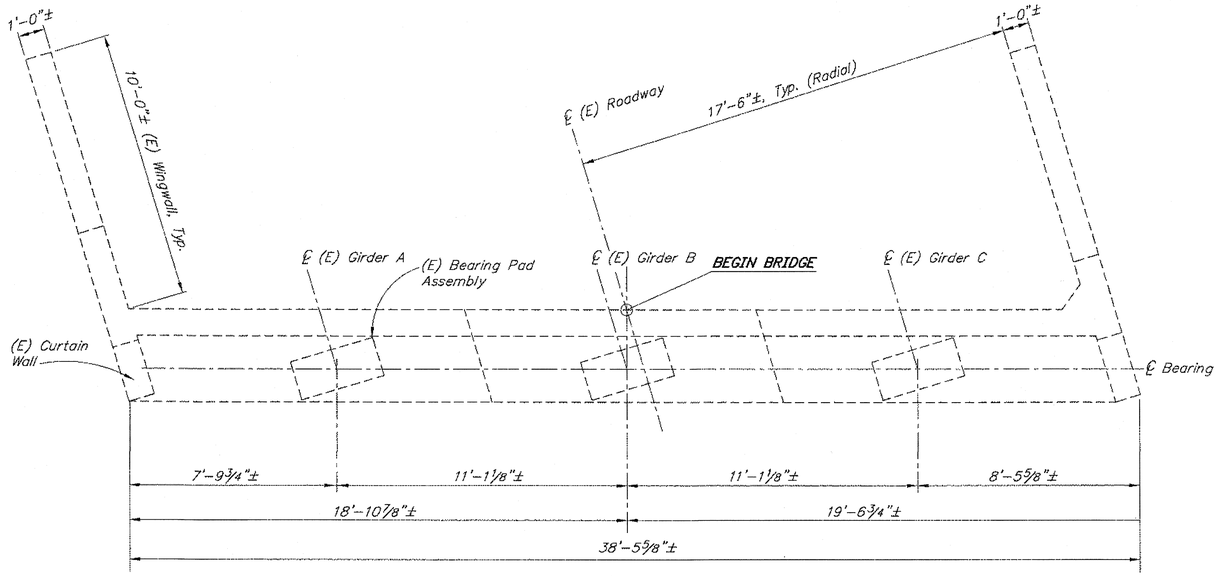
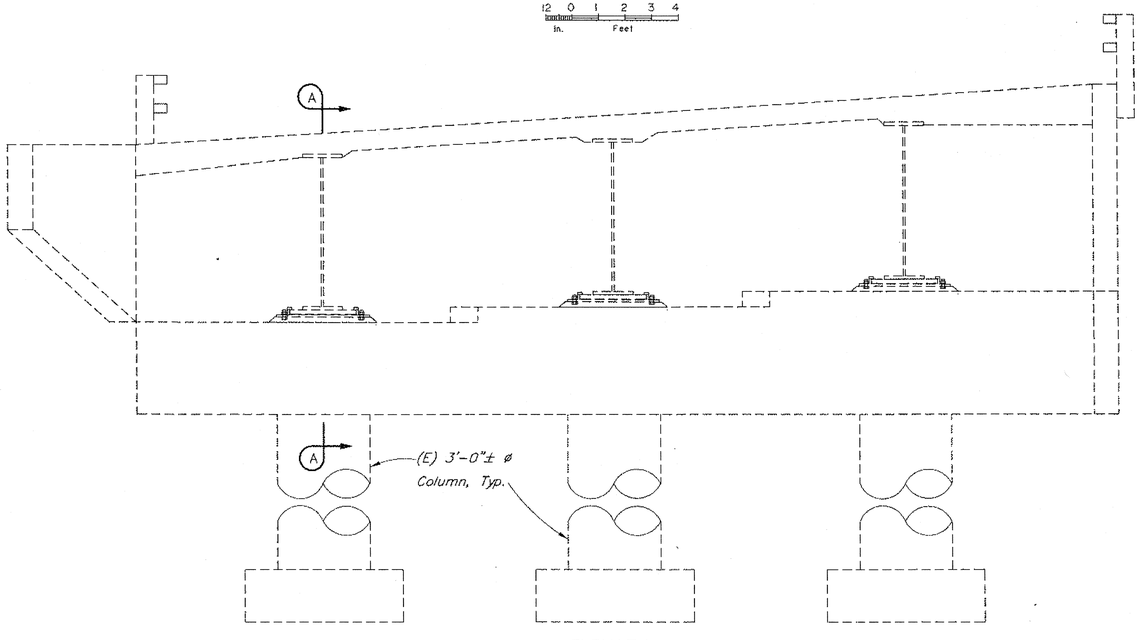
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		



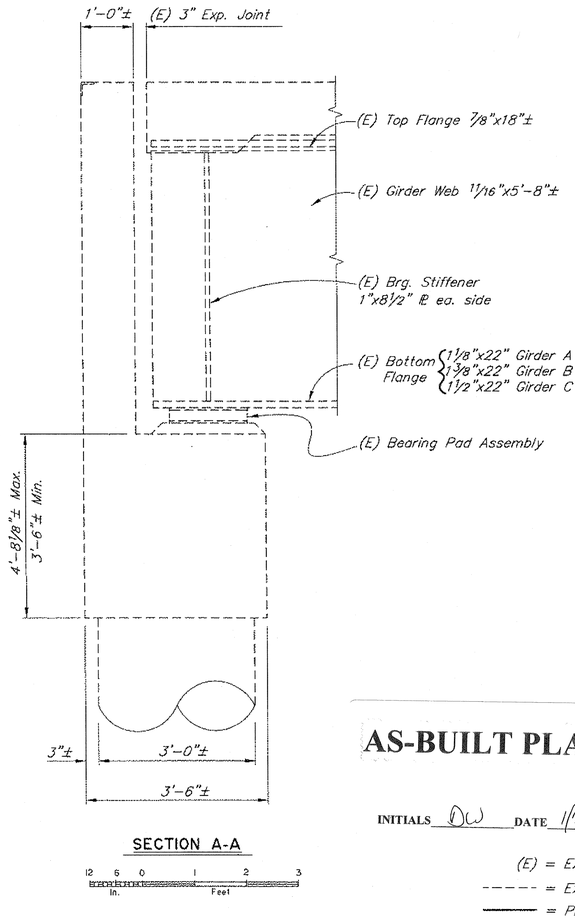
PLAN

12 0 1 2 3 4
In. Feet



ELEVATION

12 0 1 2 3 4
In. Feet



SECTION A-A

12 6 0 1 2 3
In. Feet

AS-BUILT PLANS

INITIALS DW DATE 1/9/15

(E) = Existing
----- = Existing
——— = Proposed

DESIGNED BY: George Imbsen	CHECKED: Todd Boris	**REHABILITATION**	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION
DRAWN BY: C. Anderson Cathy Anderson	CHECKED: George Imbsen		
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris		

STATE OF ALASKA 49TH
George H. Imbsen
No. 4366E
11/21/11
REGISTERED PROFESSIONAL ENGINEER

MAYBESO CREEK BRIDGE

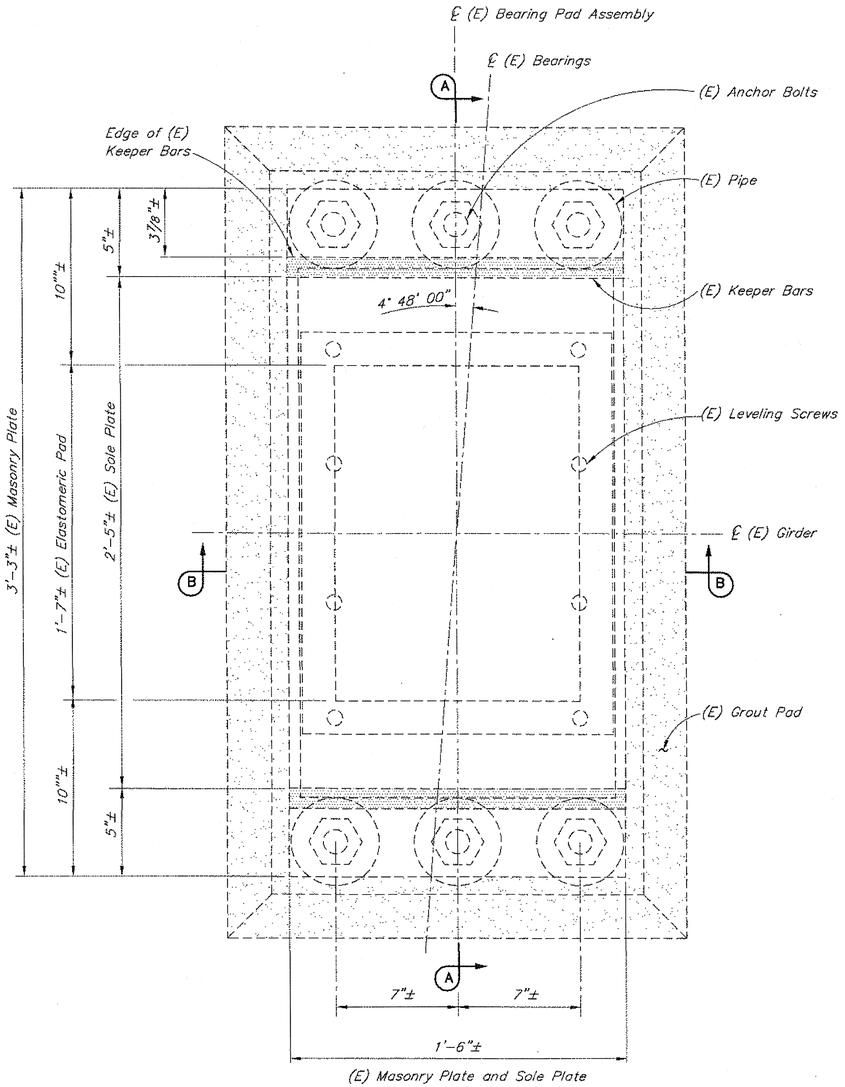
HOLLIS ROAD

ABUTMENT 1

BRIDGE NO. 482
DWG. NO. 3

R:\cad\482\482.dwg, ABUTMENT, 8/12/2011 2:34:08 PM

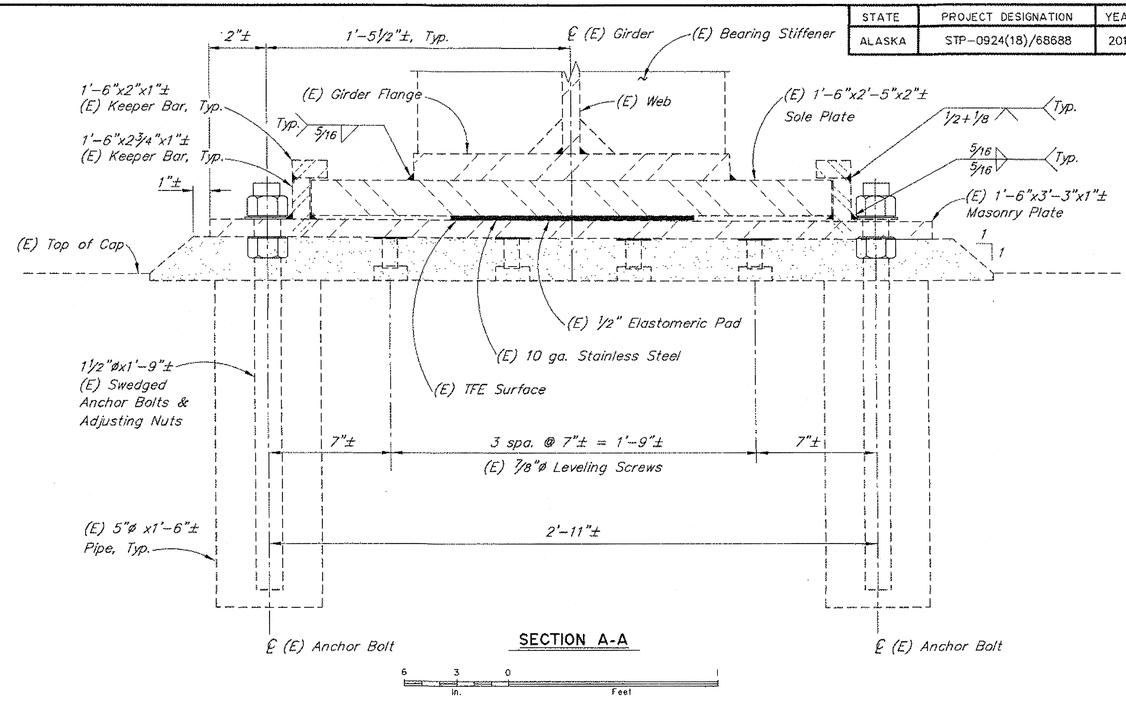
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		



PLAN

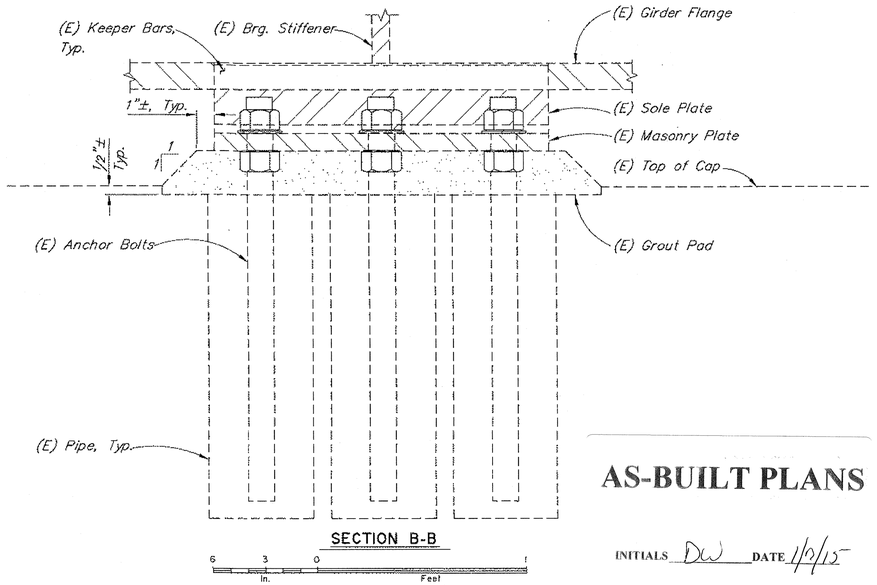
EXISTING ABUTMENT BEARING

6 3 0 1
In. Feet



SECTION A-A

6 3 0 1
In. Feet



SECTION B-B

6 3 0 1
In. Feet

AS-BUILT PLANS

INITIALS DW DATE 1/3/12

NOTES:
(E) = Existing
- - - - - = Existing
——— = Proposed

DESIGNED BY: George Imbsen	CHECKED: Todd Boris	**REHABILITATION**	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION
DRAWN BY: C. Anderson Cathy Anderson	CHECKED: George Imbsen		
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris		

STATE OF ALASKA 49TH
George H. Imbsen
No. A365E
8/12/11
REGISTERED PROFESSIONAL ENGINEER

MAYBESO CREEK BRIDGE

HOLLIS ROAD

EXISTING ABUTMENT BEARING

BRIDGE NO. 482

DWG. NO. 4

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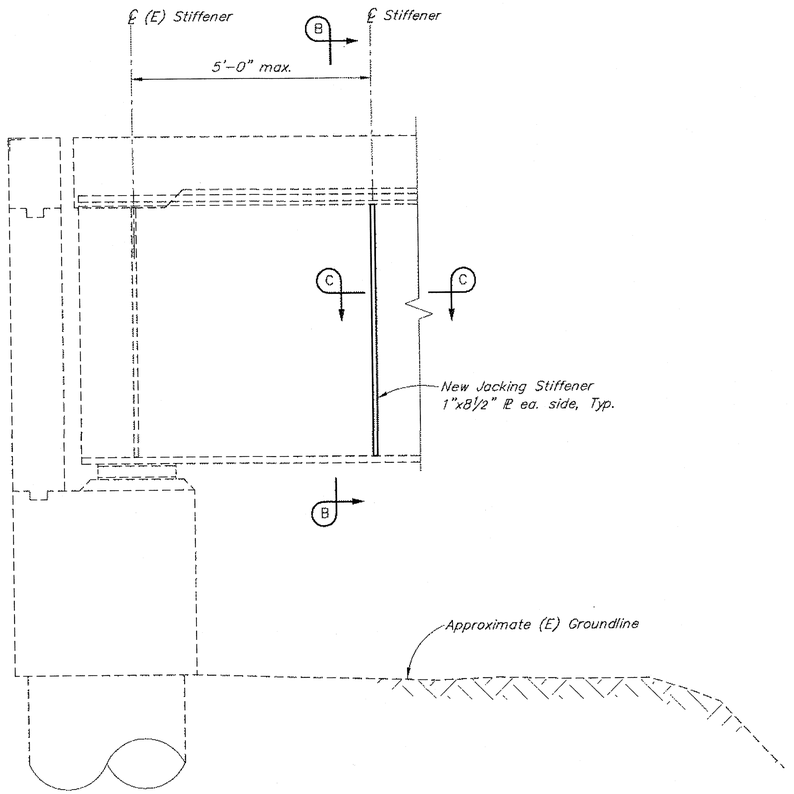
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		



SECTION A-A

REFERENCE ABUTMEMT I DWG.

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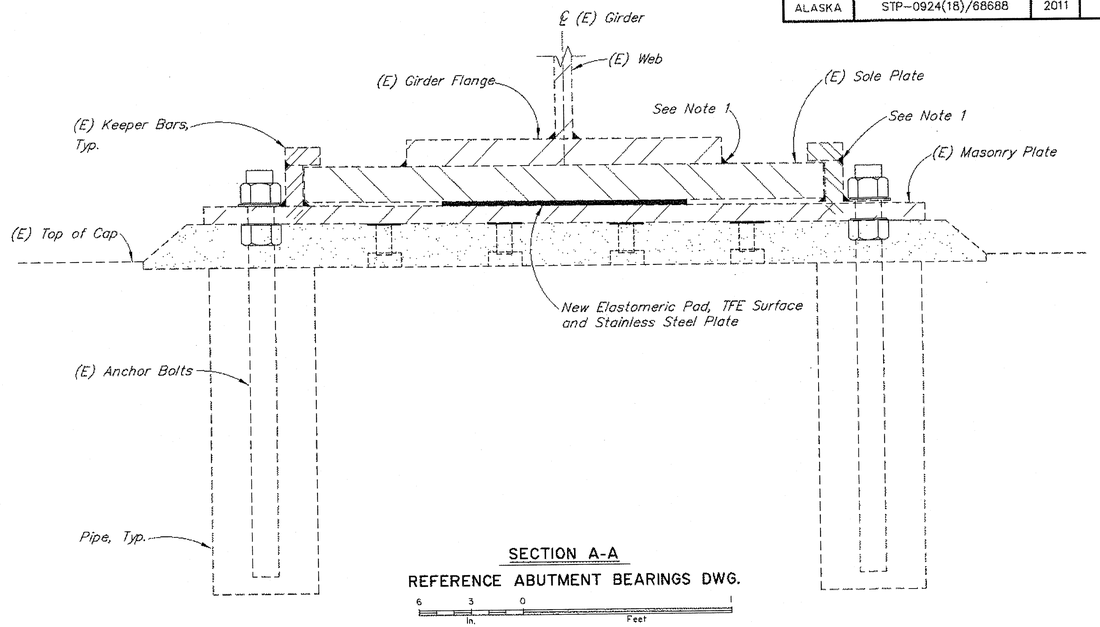
In. Feet



SECTION A-A

REFERENCE ABUTMENT BEARINGS DWG.

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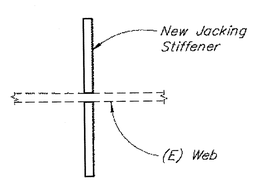
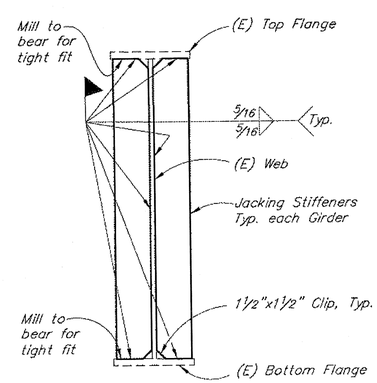
In. Feet



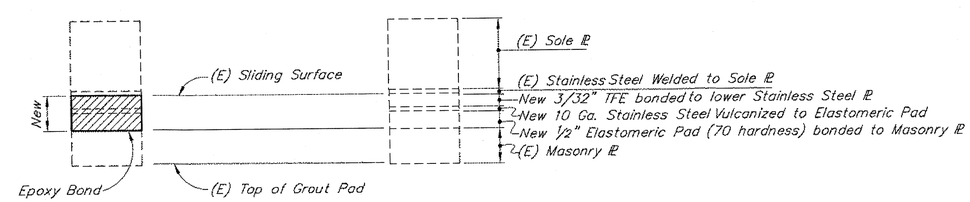
SECTION C-C

12 6 0 1
In. Feet



SECTION B-B

12 6 0 1 2 3
In. Feet



SECTION OF BEARING PARTS

No Scale

NOTES:

1. Weld may be cut to free Girders for jacking. Reweld in kind after bearing installation.
2. Existing Structural Steel meets ASTM A36

(E) = Existing
- - - - = Existing
——— = Proposed

AS-BUILT PLANS

INITIALS DW DATE 1/7/15

DESIGNED BY: George Imbsen	CHECKED: Todd Boris	**REHABILITATION**	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION	STATE OF ALASKA 49TH George H. Imbsen No. 4366-E REGISTERED PROFESSIONAL ENGINEER 8/12/11	MAYBESO CREEK BRIDGE HOLLIS ROAD ABUTMENT BEARING RETROFIT
DRAWN BY: C. Anderson Cathy Anderson	CHECKED: George Imbsen				BRIDGE NO. 482
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris				DWG. NO. 5

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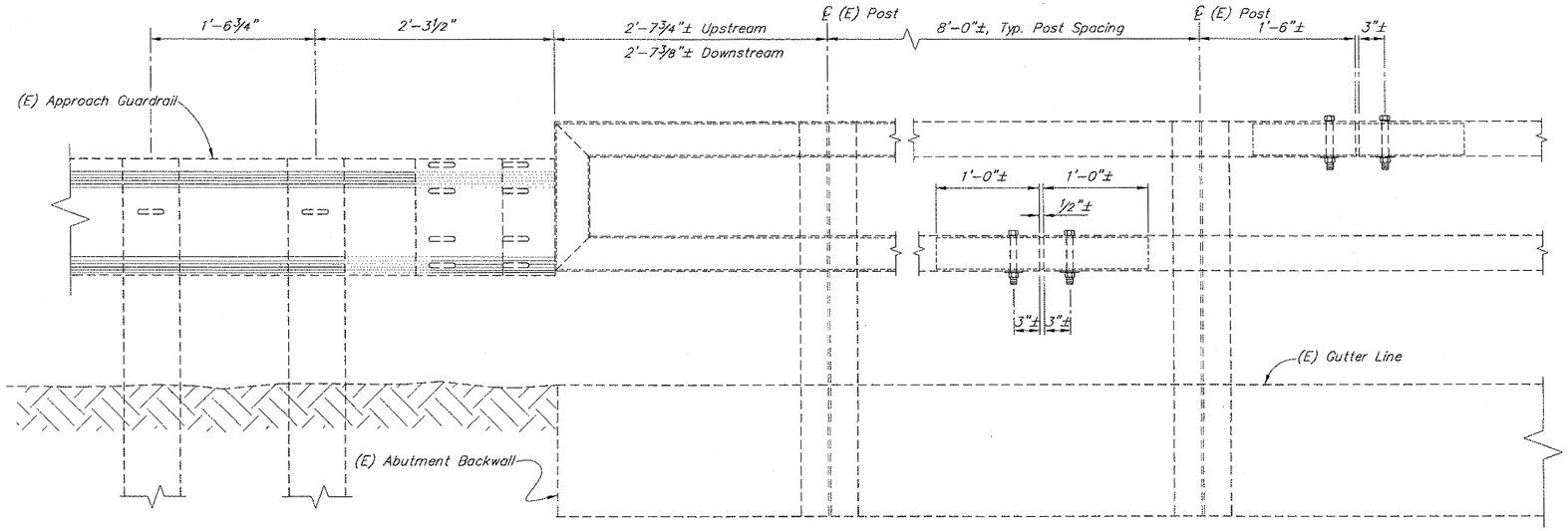
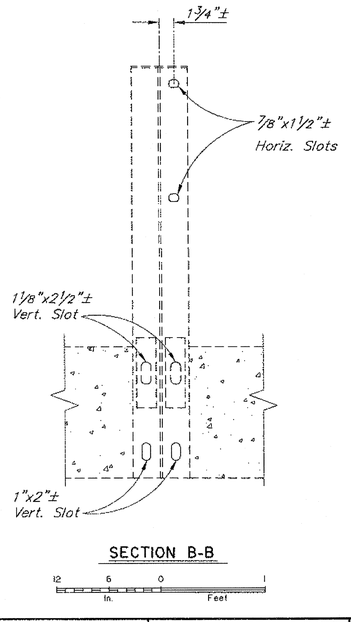
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		



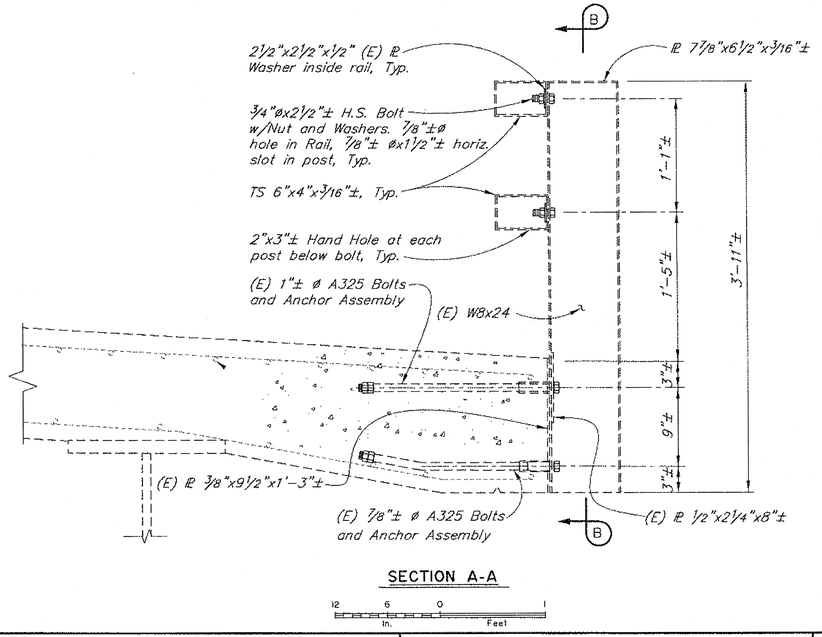
EXISTING BRIDGE RAILING ELEVATION

12 6 0 1
In. Feet



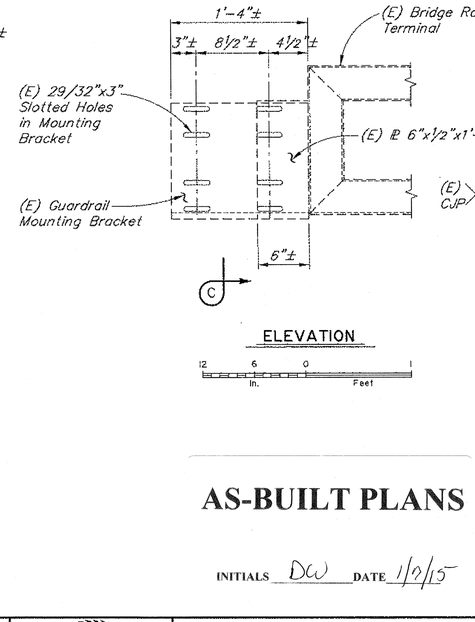
SECTION B-B

12 6 0 1
In. Feet



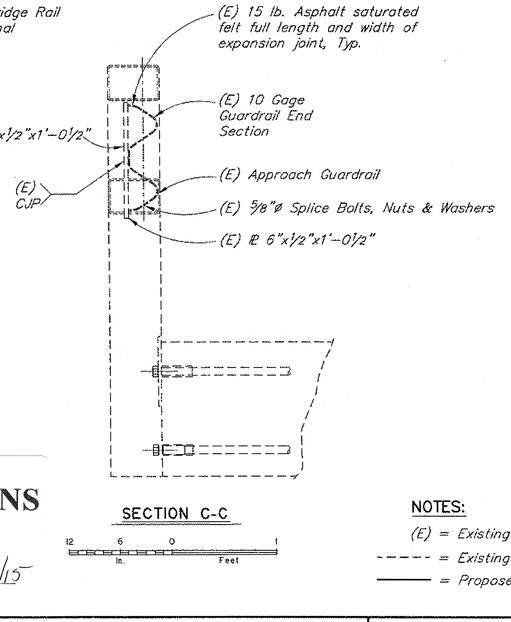
SECTION A-A

12 6 0 1
In. Feet



ELEVATION

12 6 0 1
In. Feet



SECTION C-C

12 6 0 1
In. Feet

AS-BUILT PLANS

INITIALS DCW DATE 1/2/15

NOTES:
(E) = Existing
- - - - - = Existing
——— = Proposed

DESIGNED BY: George Imbsen	CHECKED: Todd Boris	**REHABILITATION**	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION
DRAWN BY: C. Anderson Cathy Anderson	CHECKED: George Imbsen		
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris		

STATE OF ALASKA 49TH
George H. Imbsen
No. 10868
REGISTERED PROFESSIONAL ENGINEER
5/12/11

MAYBESO CREEK BRIDGE

HOLLIS ROAD

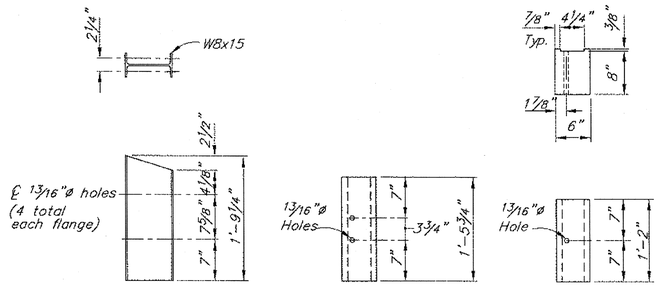
STEEL BRIDGE RAILING

BRIDGE NO. 482

DWG. NO. 6

R:\cad\482\482.dwg, STEEL RAIL, 8/12/2011 2:34:28 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2011		

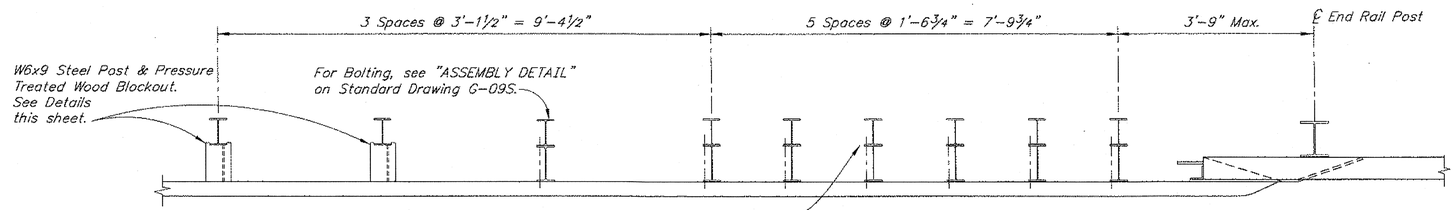


THRIE BEAM BLOCKOUT



WOOD BLOCKOUTS



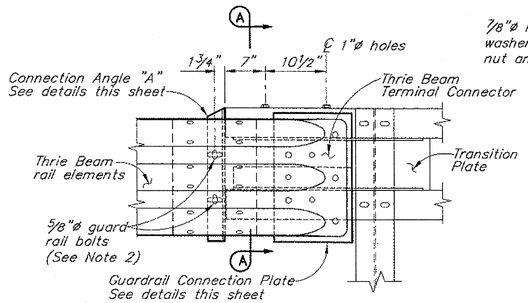


TRANSITION - PLAN



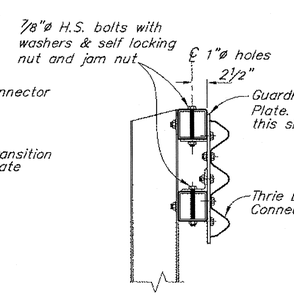
TRANSITION - ELEVATION



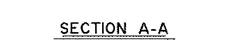


TRANSITION CONNECTION - ELEVATION

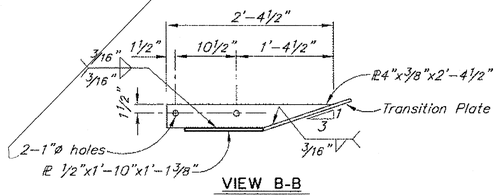




SECTION A-A

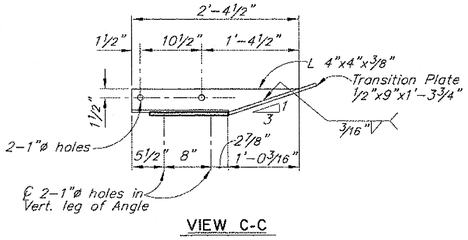


REVISED
SEE NEXT SHEET

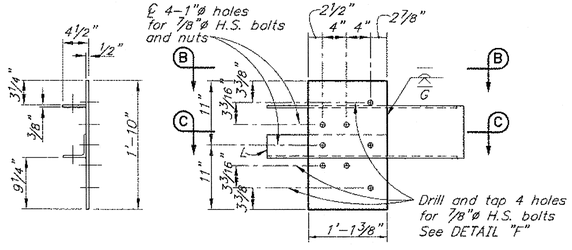


VIEW B-B

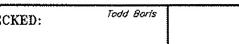


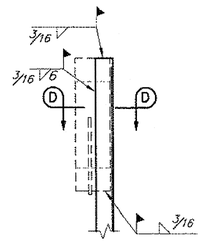


VIEW C-C

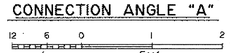


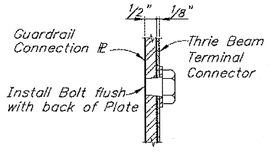
GUARDRAIL CONNECTION PLATE DETAILS





CONNECTION ANGLE "A"





DETAIL "F"
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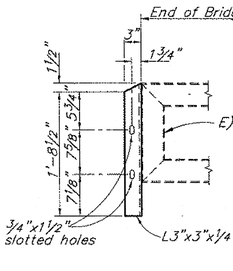
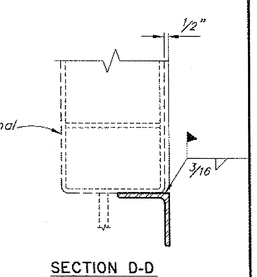




SECTION D-D
No Scale

TRANSITION NOTES

1. Thrie Beam transition to follow roadway alignment.
2. Conform to G-00, G-04S, G-25S of the Standard Drawings for all guardrail details not shown.
3. Lap thrie beam sections to prevent snags for oncoming traffic.
4. For Guardrail and Guardrail connection hardware, conform to AASHTO M 180.

   For H.S. Bolts, conform to ASTM A 307.

   For other steel, conform to AASTHO A 709 Gr. 36.

   Galvanize steel compontents according to Section 716.

AS-BUILT PLANS

INITIALS DW DATE 1/13/15

NOTES:

(E) = Existing
----- = Existing
——— = Proposed

DESIGNED BY: George Imbsen	CHECKED: Todd Boris		
DRAWN BY: C. Anderson Cathy Anderson	CHECKED: George Imbsen	**REHABILITATION**	STATE OF ALASKA **DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES** BRIDGE SECTION
QUANTITIES BY: George Imbsen	CHECKED: Todd Boris		

STATE OF ALASKA 49TH
George H. Imbsen
No. 10869
REGISTERED PROFESSIONAL ENGINEER
31 DEC 11

MAYBESO CREEK BRIDGE

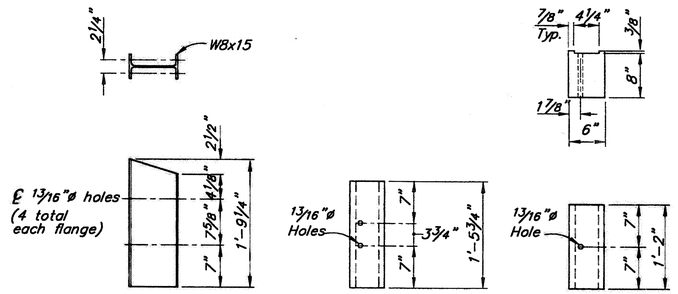
HOLLIS ROAD

THRIE BEAM TRANSITION

BRIDGE NO. 482
DWG. NO. 7

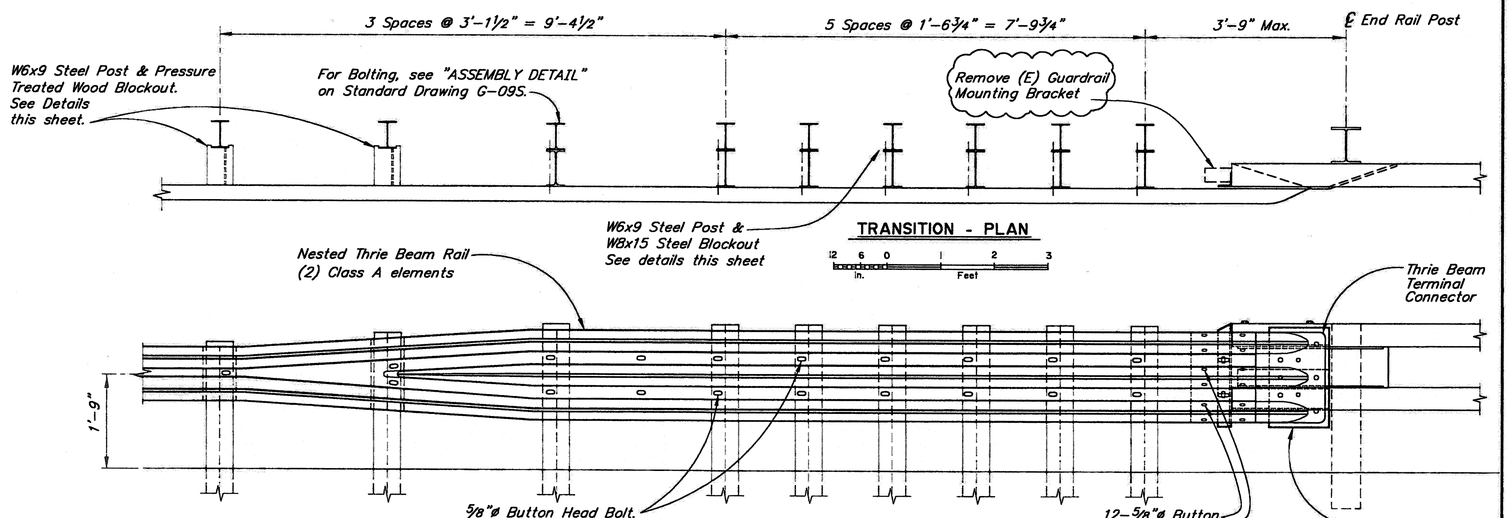
R:\cad\482\482.dwg, THRIEBEAM, 8/12/2011 2:34:35 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0924(18)/68688	2014		



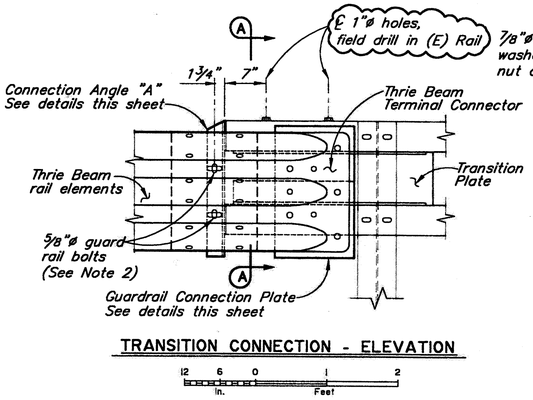
THRIE BEAM BLOCKOUT

WOOD BLOCKOUTS

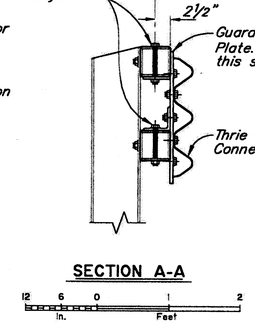


TRANSITION - PLAN

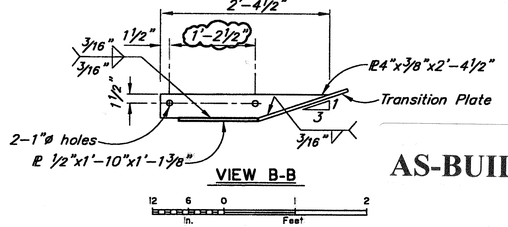
TRANSITION - ELEVATION



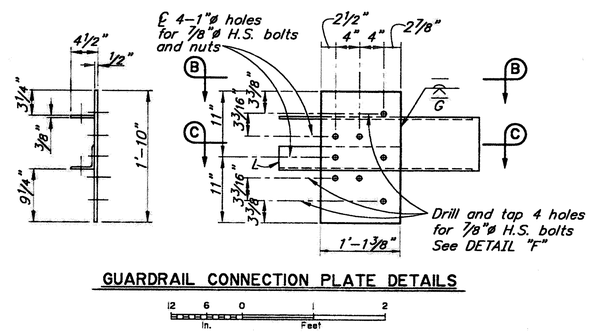
TRANSITION CONNECTION - ELEVATION



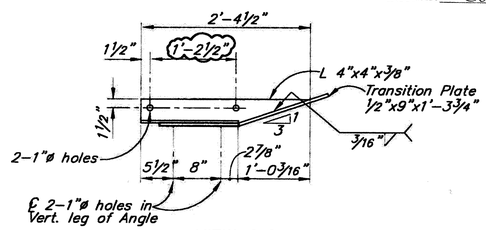
SECTION A-A



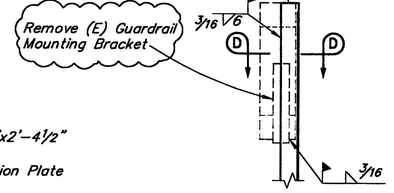
VIEW B-B



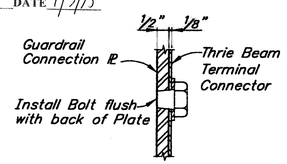
GUARDRAIL CONNECTION PLATE DETAILS



VIEW C-C



CONNECTION ANGLE "A"



DETAIL "F"
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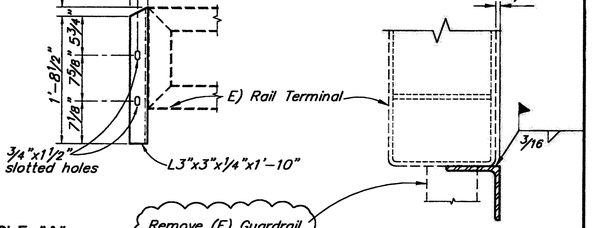


SECTION D-D
No Scale

AS-BUILT PLANS

INITIALS DW DATE 1/5/15

TRANSITION NOTES

1. Thrie Beam transition to follow roadway alignment.
2. Conform to G-00, G-04S, G-25S of the Standard Drawings for all guardrail details not shown. Provide 3" minimum slotted holes in Thrie Beam Terminal Connections.
3. Lap thrie beam sections to prevent snags for oncoming traffic.
4. For Guardrail and Guardrail connection hardware, conform to AASHTO M 180. For H.S. Bolts, conform to ASTM A 307. For other steel, conform to AASTHO A 709 Gr. 36.
5. Galvanize steel compontents according to Section 716. Repair damaged galvanized surfaces in accordance with ASTM A780, Annex A1 or Annex A3.

NOTES:

(E) = Existing
----- = Existing
——— = Proposed

DESIGNED BY: George Imbsen	CHECKED: Elmer E. Marx	**REHABILITATION**	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION
DRAWN BY: C. Anderson	CHECKED: George Imbsen		
QUANTITIES BY: George Imbsen	CHECKED: Elmer E. Marx		

STATE OF ALASKA 49TH — Elmer E. Marx III No. CE 9496 — REGISTERED PROFESSIONAL ENGINEER

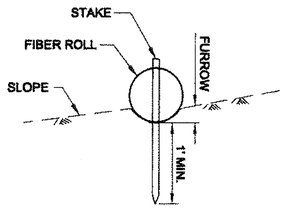
MAYBESO CREEK BRIDGE

HOLLIS ROAD

THRIE BEAM TRANSITION

BRIDGE NO. 482

DWG. NO. 7 REV-1



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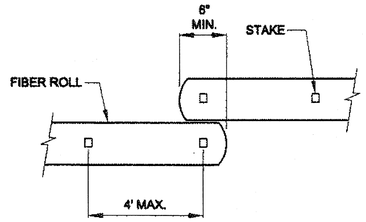
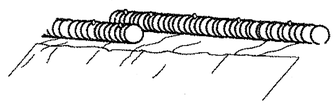


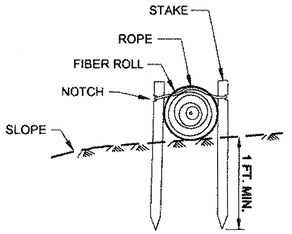
PLAN

FIBER ROLL (TYPE 1)

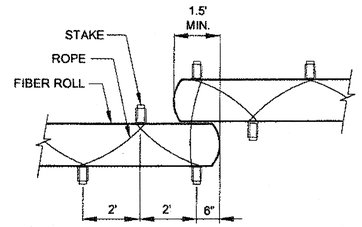


PERSPECTIVE

FIBER ROLL (TYPE 1)

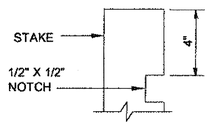


SECTION



PLAN

FIBER ROLL (TYPE 2)



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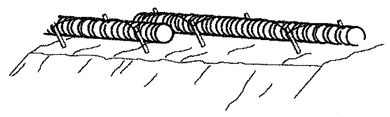


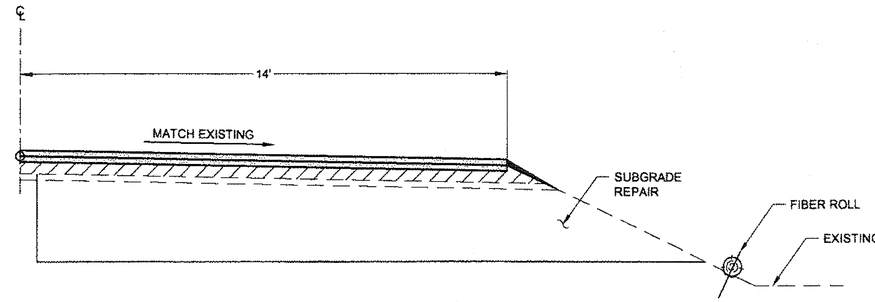
PERSPECTIVE

TYPICAL FIBER ROLL DETAIL

FIBER ROLL (TYPE 2)

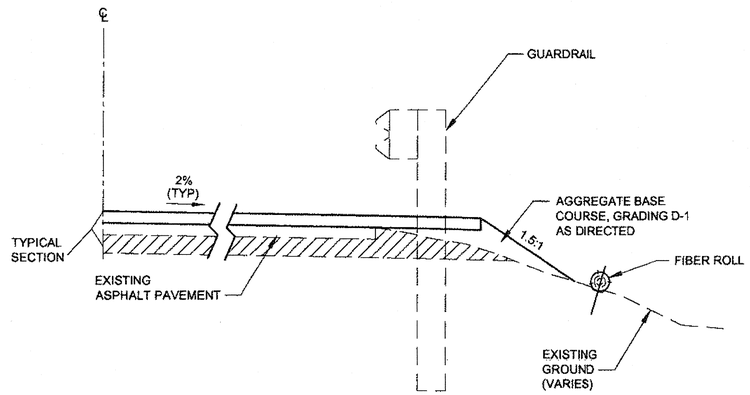
GENERAL NOTES:

1. REFER TO APPENDIX B OF THE SPECIAL PROVISIONS FOR THE ENVIRONMENTAL COMMITMENTS.
2. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.
3. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A SWPPP ACCORDING TO SECTION 641 OF THE SPECS.
4. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES OR AS SPECIFIED ELSEWHERE.
5. MAINTAIN DEVICES. MONITOR DAILY. REMOVE SEDIMENT FROM SEDIMENT TRAPS WHEN 4" OF SEDIMENT HAS ACCUMULATED.
6. THE LOCATION AND LENGTH OF FIBER ROLLS IS DEPENDENT ON THE CONDITIONS OF THE SITE.
7. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.
8. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.



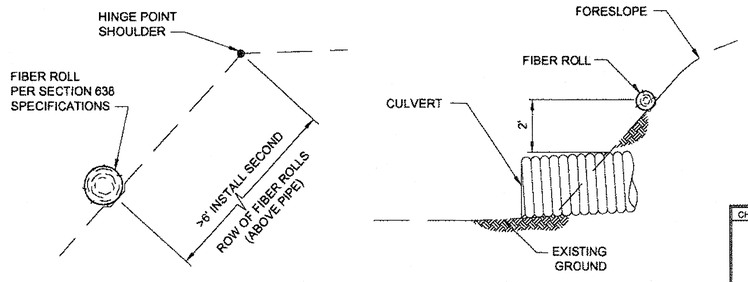
FIBER ROLL PLACEMENT DETAIL

AT SUBGRADE REPAIR AREAS



FIBER ROLL PLACEMENT DETAIL

AT GUARDRAIL PAVING/LONG POST GUARDRAIL



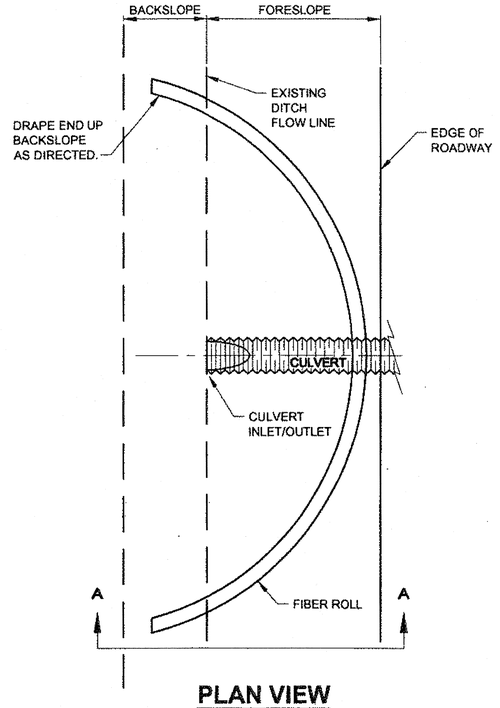
DETAIL

SECTION A-A

N.T.S.

FIBER ROLL PLACEMENT DETAIL

AT CULVERT INSTALLATIONS



PLAN VIEW

N.T.S.

AS-BUILT PLANS

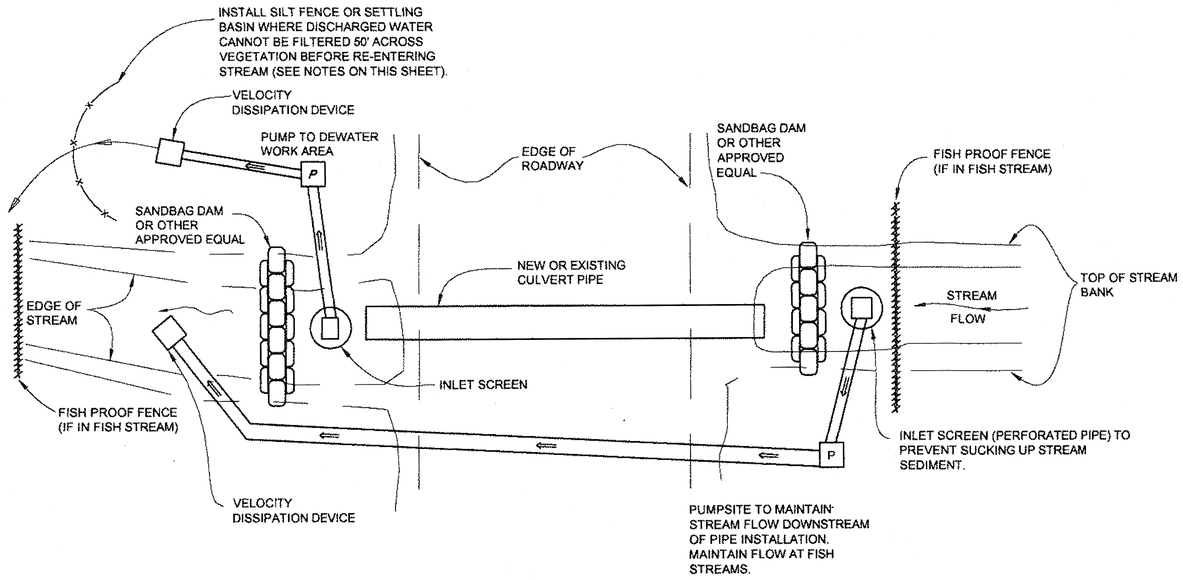
INITIALS DCW DATE 1/9/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: G. LOCKWOOD	KLAWOCK TO HOLLIS PAVEMENT REHABILITATION PROJECT # 68688
DRAWN BY: D. STEVENS	**EROSION AND SEDIMENT CONTROL DETAILS**
PATH: Q:\KLW\68688\PLANSET\68688_P1-3_ESC DETS.DWG	
TAB: P1 Friday, August 19, 2011 1:26:17 PM STEVENS, DAVID A (DOT)	

STATE OF ALASKA 49th Gregory K. Lockwood CE-11650 REGISTERED PROFESSIONAL ENGINEER 8/24/11

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0924(18)	2011	P1	~~59~~ 63



MAINTAINING FLOW AT FISH STREAMS

NOTES:

1. FISH SHALL BE REMOVED FROM WORK AREAS PRIOR TO BEGINNING WORK OPERATIONS IN A DESIGNATED FISH STREAM. THE ENVIRONMENTAL MONITOR (SEE SECTION 680 OF THE SPECIFICATIONS) WILL ACCOMPLISH FISH TRAPPING AND FISH PROOF FENCING INSTALLATION. THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF CULVERT INSTALLATION IN FISH STREAMS TO THE ENGINEER EIGHT DAYS PRIOR TO BEGINNING WORK AT EACH PIPE SO THAT 1) THE ENVIRONMENTAL MONITOR HAS ADVANCE NOTICE IN ORDER TO RELOCATE THE FISH AND, 2) THE ENGINEER CAN COMPLY WITH AGENCY NOTIFICATION REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE THE FISH PROOF FENCING.
2. WHEN INSTREAM WORK AREAS REQUIRE DEWATERING, THE PUMP DISCHARGE SHALL BE PLACED SO THAT THERE IS A MINIMUM OF 50 FEET OF VEGETATED AREAS BETWEEN THE DISCHARGE POINT AND THE STREAM BANK SUCH THAT NO SILT-LADEN WATER ENTERS THE STREAM. THIS MAY REQUIRE FREQUENT REPOSITIONING OF THE DISCHARGE LOCATION AND/OR ADDITIONAL DISCHARGE TREATMENT METHODS (SEE DEWATERING PERMIT, APPENDIX B).
3. MULTIPLE PUMPS MAY BE NECESSARY TO DEWATER WORK AREAS AND/OR MAINTAIN STREAM BYPASS FLOW. THE CONTRACTOR SHALL PROVIDE ADEQUATE QUANTITIES AND SIZES OF PUMPS.
4. CONTRACTOR SHALL SUBMIT A WORK PLAN FOR APPROVAL BY THE PROJECT ENGINEER FOR EACH FISH PIPE AT LEAST 10 DAYS BEFORE PLANNED INSTALLATION.
5. FOR NON-FISH STREAMS THE CONTRACTOR SHALL SUBMIT WATER DIVERSION AND DEWATERING PLANS TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCING WORK.

AS-BUILT PLANS

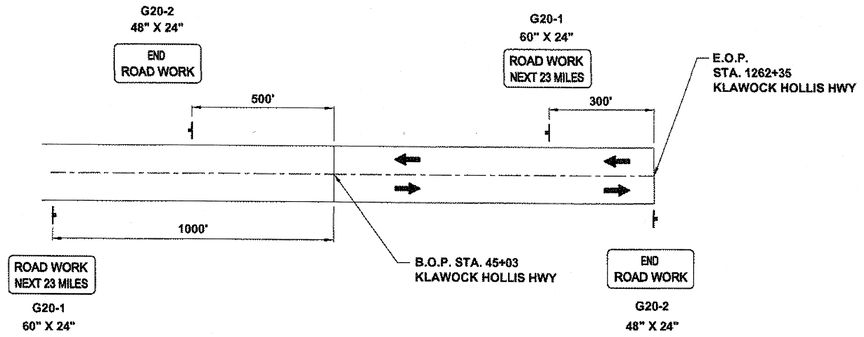
INITIALS DWJ DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. LESTER & S. KELLY	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: G. LOCKWOOD	KLAWOCK TO HOLLIS PAVEMENT REHABILATION PROJECT # 68688
DRAWN BY: D. STEVENS	**EROSION AND SEDIMENT CONTROL DETAILS**
PATH: Q:\KLW\68688\PLANSET\68688_P1-3_ESC DETS.DWG	
TAB: P2 Friday, August 19, 2011 1:28:23 PM STEVENS, DAVID A (DOT)	

STATE OF ALASKA 49th Gregory K. Lockwood CE-11850 REGISTERED PROFESSIONAL ENGINEER 8/24/11

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0924(18)	2011	P2	59 (63)



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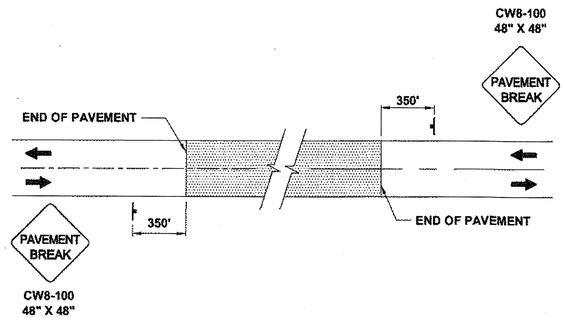
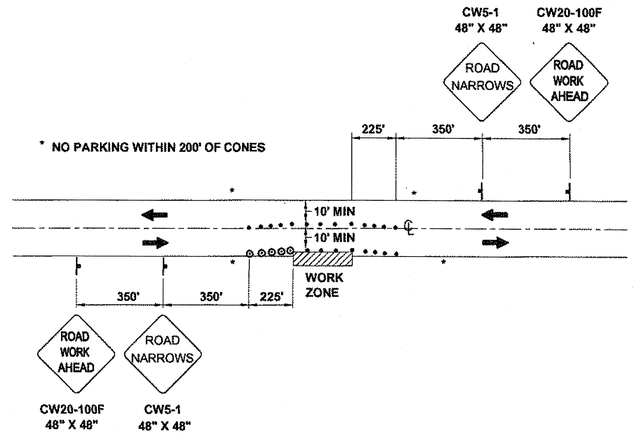
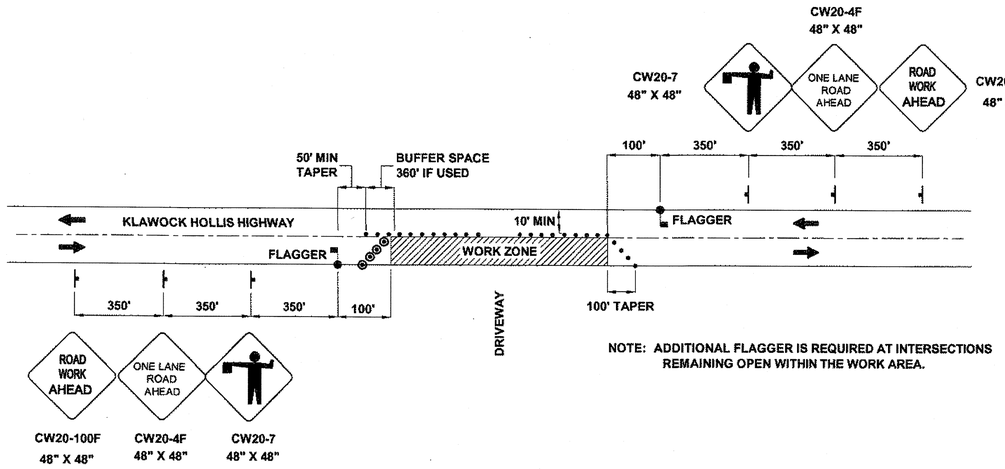


SIGNING FOR UNPAVED AREA



ROADWAY ENCROACHMENT FOR 45 MPH



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

TWO LANE ROADWAY-SINGLE LANE CLOSURE

FORMULAS FOR L (TAPER LENGTH)	
40 MPH OR LESS	$L = \frac{W \times S^2}{60}$
45 MPH OF GREATER	$L = W \times S$

WHERE W=WIDTH OF OFFSET
S= POSTED SPEED LIMIT

TCP TABLE SETUP			
SPEED (MILES PER HOUR)	BUFFER/ LENGTH (FT.)	CONE/DRUM SPACING (FT.)	TAPER LENGTH (L)
20	115	20	7:1
25	155	25	10:1
30	200	30	15:1
35	250	35	20:1
40	305	40	30:1
45	360	45	45:1
50	425	50	50:1
55	495	55	55:1
60	570	60	60:1
65	645	65	65:1

LEGEND

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

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 CONFIGURATIONS 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 5 MINUTES.
6. THE UNEVEN LANES (CW8-11) SIGN SHOULD BE USED DURING OPERATIONS THAT CREATE A DIFFERENCE IN ELEVATION BETWEEN ADJACENT LANES OF 2 INCHES OR GREATER.
7. FLAGGER STATIONS NEED TO BE ILLUMINATED AT NIGHT.
8. THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO THEIR RELEASE.NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, GRINDING, PAVING, AND CHANGES IN THE LANE CONFIGURATIONS.
9. DRUM OR CONE SPACING NEEDS TO BE MAXIMUM 45' ALONG THE TAPER SECTION AND 90' ALONG THE TANGENT, USING A MINIMUM OF 11 DEVICES.

AS-BUILT PLANS

INITIALS DW DATE 1/2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: G. LOCKWOOD
DESIGNED BY: D. EPSTEIN
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KLAWOCK TO HOLLIS
PAVEMENT
REHABILITATION
PROJECT # 68688

TRAFFIC CONTROL PLAN

PATH: Q:\KLW\68688\PLANSET\68688_S1_TCP.DWG
TAB: S1 Friday, August 19, 2011 1:36:33 PM STEVENS, DAVID A (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0924(18)	2011	S1	~~59~~ 63