

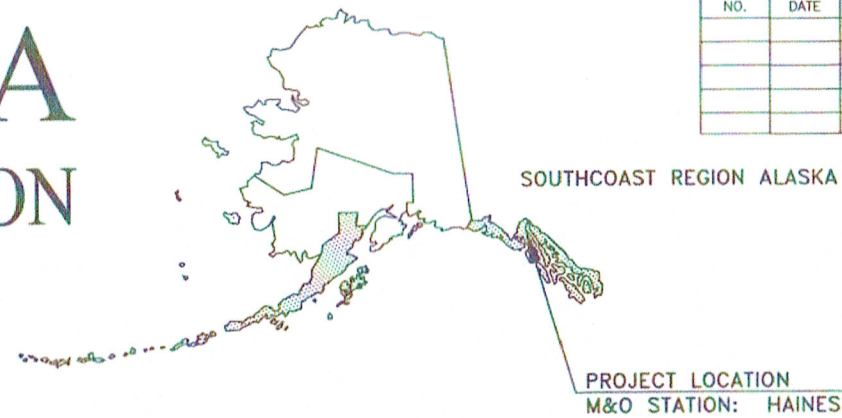
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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

HNS HWY RESURFACE: ALLEN ROAD TO MP 0.7 PROJECT NO. SFHWY00207/0956038

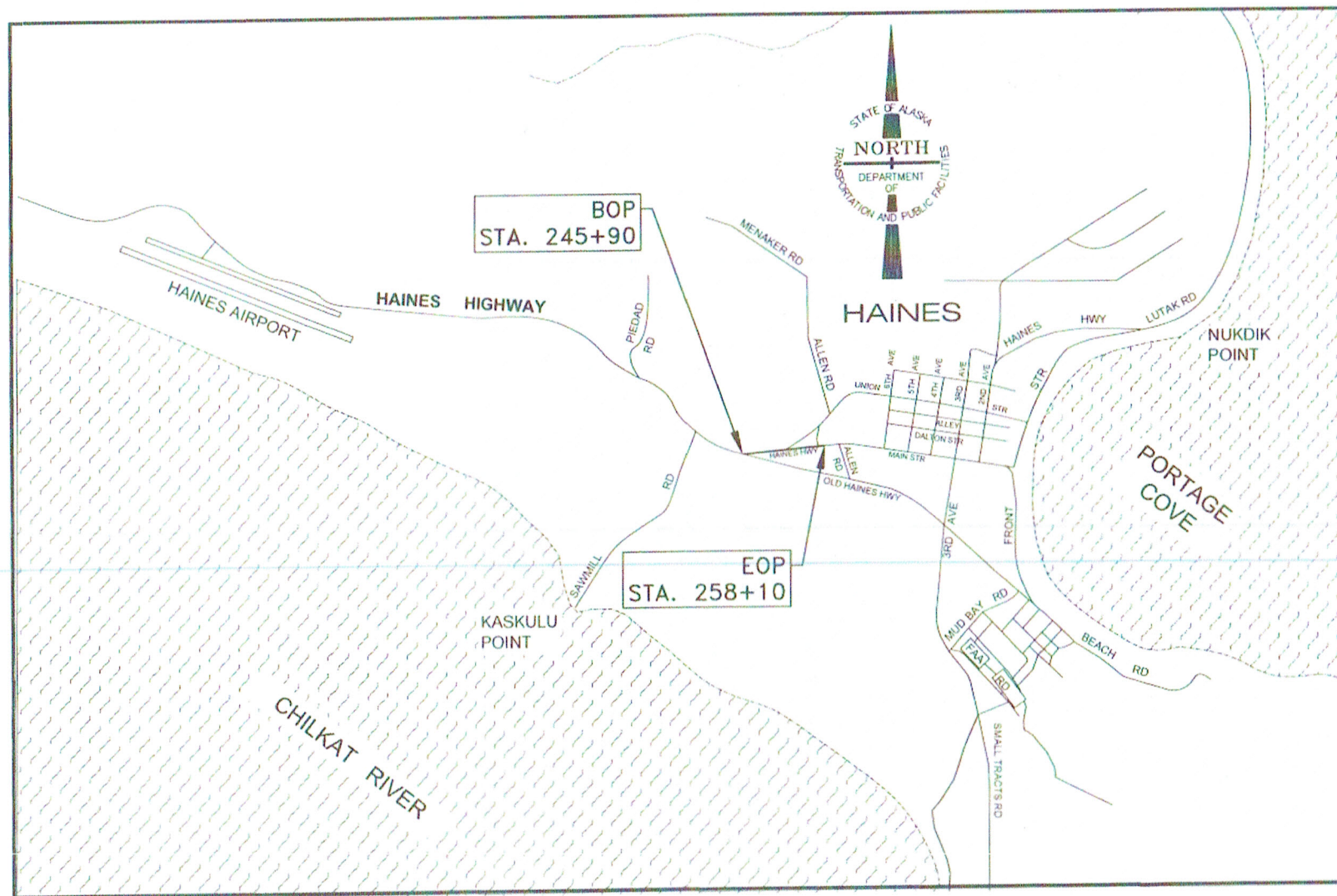


NO.	DATE	REVISIONS	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWY00207/0956038	2019	A1	4
CDS ROUTE: 298000				MILEPOINT: 0.70 TO 0.46			
LATITUDE: 59°14'08"N				LONGITUDE: 135°27'42"E			

PROJECT SUMMARY	
HAINES HIGHWAY	
WIDTH OF PAVEMENT	36'
LENGTH OF PAVING	0.227 MILES (1196 FT)
LENGTH OF PROJECT	0.229 MILES (1220 FT)

DESIGN DESIGNATION	
PROJECT TYPE	PM
FUNCTIONAL CLASS	MAJOR COLLECTOR
ADT (2019)	1070
ADT (2039)	1130
DHV 2015	150
DHV 2019	150
PERCENT TRUCKS (T)	9.4%
DIRECTIONAL SPLIT (D)	55/45
DESIGN SPEED (V)	35/25 MPH
DESIGN EAL'S (20 YEARS)	350,000

As-Builts



VICINITY MAP

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

Jessica Dinkala

February 19, 2020

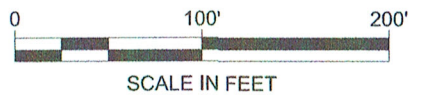
USE THESE PLANS IN CONJUNCTION WITH THE STATE OF ALASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2017 EDITION AND THE PROJECT SPECIAL PROVISIONS.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
6860 GLACIER HIGHWAY, JUNEAU, AK 99801
(907) 465-1763

APPROVED: *[Signature]* 7-17-19
L. PAT CARROLL, P.E.
REGIONAL PRECONSTRUCTION ENGINEER DATE

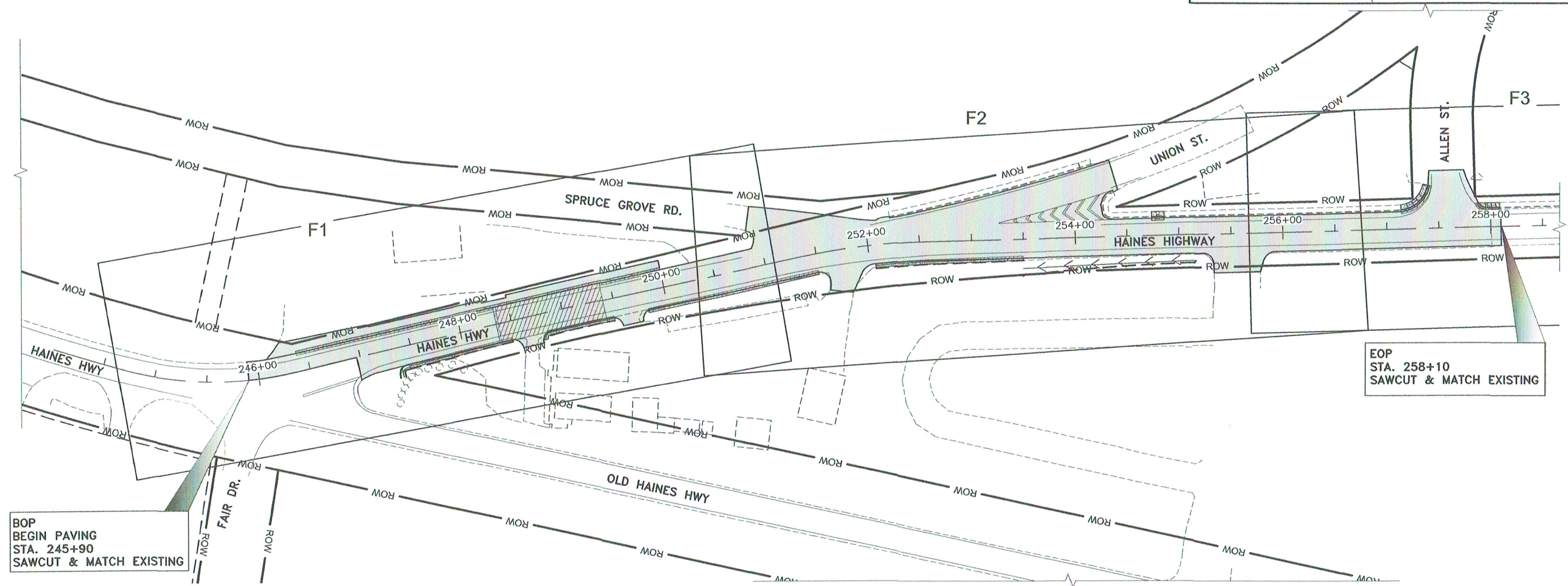
CONCUR: *[Signature]* FOR 7-17-19
D. LANCE MEARIG, P.E.
DIRECTOR, SOUTHCOAST REGION DATE

FILE: q:\hns\sfhw0207\Plan\set\SFHW0207_A2.dwg
 DRAFTED: JT, RW, DD
 CHECKED: CG, LG
 DESIGNED: RW, DD
 DATE: 7/16/2019 14:13 LAYOUT: A2



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWY00207/0956038	2019	A2	4

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	LAYOUT & INDEX OF SHEETS
A3	LEGEND & SYMBOLS
A4	SURVEY CONTROL
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D2	SUMMARY TABLES
E1-E7	MISCELLANEOUS DETAILS
F1-F3	PLAN & PROFILE
H1	SIGNING & STRIPING, ILLUMINATION
H2	SIGNING & STRIPING DETAILS
Q1	EROSION & SEDIMENT CONTROL PLAN
Q2	EROSION & SEDIMENT CONTROL DETAILS
T1	TRAFFIC CONTROL

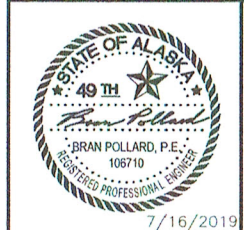


BOP
 BEGIN PAVING
 STA. 245+90
 SAWCUT & MATCH EXISTING

EOP
 STA. 258+10
 SAWCUT & MATCH EXISTING

THE FOLLOWING ALASKA STANDARD PLANS APPLY TO THIS PROJECT:

C-05.20	D-01.02	I-20.20	S-00.11	T-20.04
	D-04.21	I-21.11	S-01.01	T-21.03
	D-06.10		S-05.01	
	D-24.00	M-13.01	S-20.10	
	D-26.04	M-16.01	S-30.04	U-03.01



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 6860 GLACIER HIGHWAY, JUNEAU, AK 99811
 (907) 465-1763

HNS HWY RESURFACE: ALLEN ROAD TO MP 0.7

LAYOUT & INDEX OF SHEETS

7/16/2019

FILE q:\hns\sfhw00207\planset\sfhw00207_A3.dwg DATE 7/10/2019 15:24 LAYOUT A3 DESIGNED RW_DD CHECKED LG DRAFTED JT, RW_DD

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWY00207/0956038	2019	A3	4

	RECOVERED	SET
BLM MONUMENT		
GLO MONUMENT		
USC&GS MONUMENT		
PRIMARY MONUMENT		
CENTERLINE MONUMENT IN CASING		
PRIMARY R.O.W. MONUMENT		
BEARING OBJECT		
MISCELLANEOUS MONUMENT		
LINE OF SIGHT MONUMENT		
CONCRETE R.O.W. MONUMENT		
BENCHMARK		
REBAR AND CAP		
REBAR		
IRON PIPE		
PK NAIL		
SPIKE		
HUB AND TACK		
CONSTRUCTION CENTERLINE		
MICELLANEOUS CENTERLINE		
STATION EQUATION		
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY LINE		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
EXISTING EASEMENT LINE		
PROPOSED EASEMENT LINE		
PROPOSED CUT SLOPE LIMIT		
PROPOSED FILL SLOPE LIMIT		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
TOWNSHIP & RANGE LINE		
MEANDER LINE		

	EXISTING	PROPOSED
SANITARY SEWER (FLOW DIRECTION →)		
FUEL LINE		
GAS LINE		
WATER LINE		
METER, VALVE, FIRE HYDRANT		
EXISTING STORM DRAIN (FLOW DIRECTION →)		
PROPOSED STORM DRAIN		
FIBER OPTIC LINE		
DIRECT BURIAL CABLE TELEVISION CABLE		
DIRECT BURIAL TELEPHONE CABLE		
DIRECT BURIAL ELECTRIC CABLE		
ELECTRIC LINE (OVERHEAD)		
POWER POLE LINE		
JOINT USE POWER & TELEPHONE		
TELEPHONE POLE LINE		
POLE ANCHOR		
STUB POLE (POWER OR TELEPHONE)		
TELEPHONE DUCT		
TELEPHONE PEDESTAL		
BURIED CABLE MARKER		
PIPELINE MARKER OR VALVE		
CATCH BASIN OR DROP INLET		
MANHOLE		
SANITARY SEWER CLEAN OUT		
RIPRAP		
SPECIAL DITCH CENTERLINE		
HIGH TIDE LINE		
INVASIVE SPECIES		

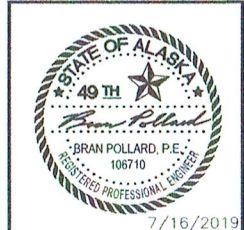
	EXISTING	PROPOSED
ROADWAY/PAVEMENT EDGE		
FENCE		
CURB AND GUTTER		
DETECTABLE WARNINGS		
GUARDRAIL		
CULVERT PIPE		
SIGN		
MAILBOX		
RAILROAD TRACKS		
RAILROAD DEVICES		
TREE LINE		
WATER BOUNDARY		
ORDINARY HIGH WATER LINE		
FLOW CENTERLINE		
FLOW DIRECTION		
WETLANDS		
EXISTING BUILDINGS		
POST OR BOLLARD		
WELL OR MONITORING WELL		
SEPTIC PIPE		
FUEL TANK FILL PIPE/VENT		
SATELLITE DISH		
TEST HOLE		
CONIFER TREE		
DECIDUOUS TREE		
GRAVE		
THERMOSIPHON		
PARKING METER		
VEHICLE PLUG-IN		
DELINEATOR/GUIDE MARKER		

H = HOUSE
 G = GARAGE
 M = MERCHANT/STORE
 B = BARN
 S = SHED
 P = PRIVY
 SS = SERVICE STATION
 W = WAREHOUSE

	EXISTING	PROPOSED
JUNCTION BOX, TYPE IA		
JUNCTION BOX, TYPE II		
JUNCTION BOX, TYPE III		
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
LOOP DETECTOR		
VIDEO DETECTOR		
RADAR DETECTOR		
OPTICOM DETECTOR		
PEDESTRIAN PUSH BUTTON		
SIGNAL POST W/O MAST ARM		
SIGNAL POLE W/MAST ARM		
SIGNAL CONTROLLER		
LOAD CENTER		
LUMINAIRE		
RIGID METAL CONDUIT		

ABBREVIATIONS:

(NIC) NOT IN CONTRACT
 CPP CORRUGATED POLYETHYLENE PIPE
 CAP CORRUGATED ALUMINUM PIPE
 MTE MATCH TO EXISTING



STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

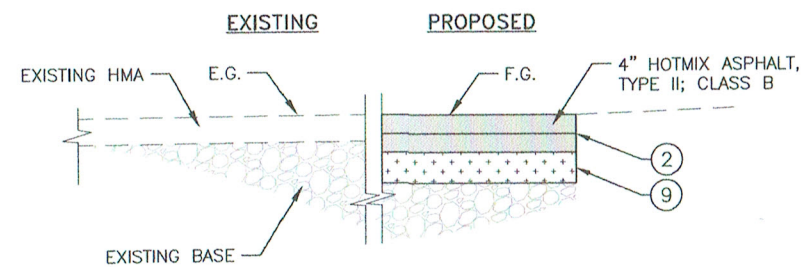
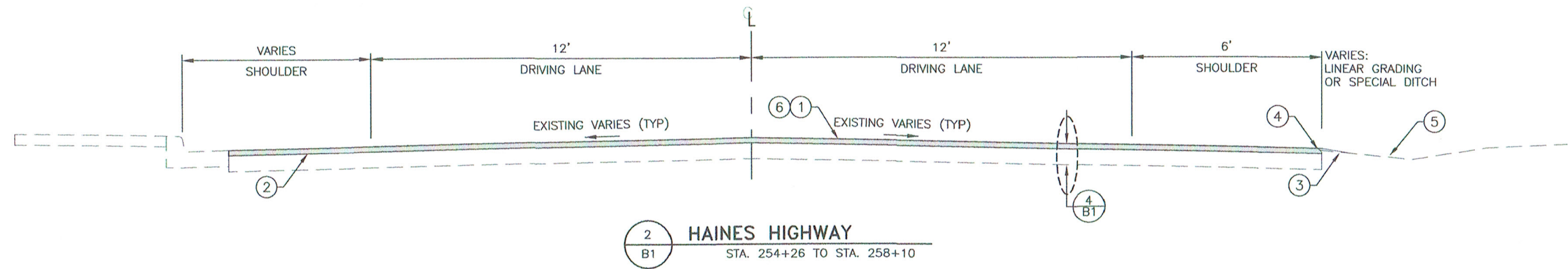
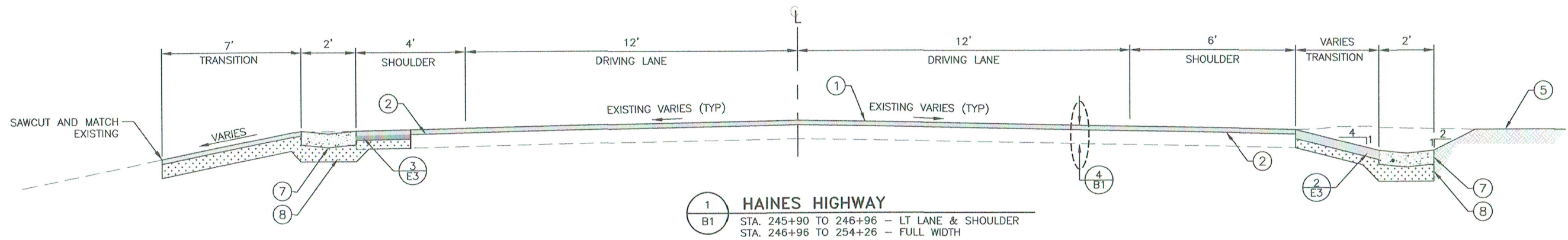
**HNS HWY RESURFACE:
 ALLEN ROAD TO MP 0.7**

LEGEND & SYMBOLS

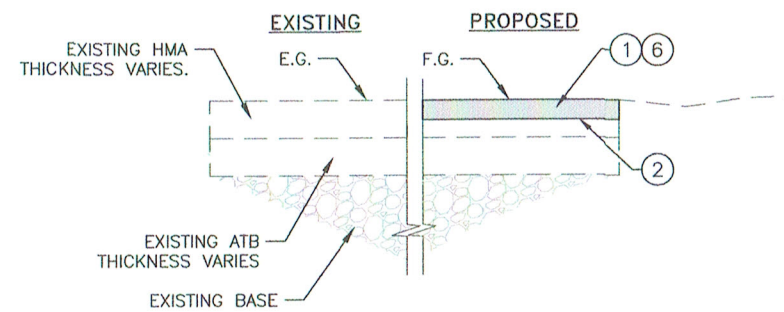
7/16/2019

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00207/0956038	2019	B1	1

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 CHECKED: CG, LG
 DRAFTED: JTJUNER DD

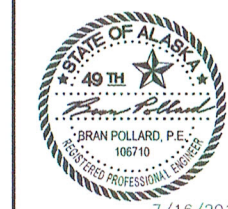


3 FULL DEPTH REPAIR
 B1 SCALE: N.T.S. STA. 248+35 TO 249+40



4 MILL AND PAVE
 B1 SCALE: N.T.S. STA. 245+90 TO 248+35
 STA. 249+40 TO 258+10

LEGEND	
1	2" HOT MIX ASPHALT, TYPE II, CLASS B
2	STE-1 ASPHALT FOR TACK COAT
3	1' LINEAR GRADING
4	SAFETY EDGE
5	SEEDING ON DISTURBED SLOPES UNLESS OTHERWISE SPECIFIED
6	2" PAVEMENT COLD PLANING
7	VALLEY GUTTER, PER 4/E3
8	6" AGGREGATE BASE COURSE, GRADING D-1
9	4" AGGREGATE BASE COURSE, GRADING D-1



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

TYPICAL SECTIONS

7/16/2019

DESIGNED: J.FAROI
 CHECKED: D.KHOLLOV
 DRAWN: J.FAROI
 AREAS:
 SCALE:
 LAYOUT: AT
 DATE: 5/31/2019 15:30
 DRAWING LOCATION: O:\Users\JFAROI\Documents\SFHWY00207\HNS_SFHWY00207_SCS.dwg

HORIZONTAL CONTROL

The basis of horizontal control for this survey is NGS monument "HNS-D" PID AI4905 located at the Haines airport. The NAD83(1992) published superceded geographic coordinates on which this survey is based are:

Latitude : 59°14'53.13661"N
 Longitude : 135°32'03.05281"W
 Pseudo Ellipsoidal height = 65.07' via Geoid model G99 and holding HH-20.
 See below.

NAD83(1992) AKSPCS Zone 1

N. 2713021.701 US Ft.
 E. 2336251.964 US Ft.
 Elevation = 40.88' above MLLW

Combined Grid Scale Factor = 0.99995319
 Convergence = -1°34'03.84"

AK DOT Haines Local Coordinate System
 Local Grid Coordinates:

N. 501107.968 US Ft.
 E. 698634.327 US Ft.
 Elevation = 40.88' above MLLW = 0.00'

VERTICAL CONTROL

The basis for vertical control for this project is USACE monument HH-20 located SW'ly of the boat ramp at Haines small boat harbor which has a published elevation above Mean Lower Low Water of 32.20'. Also see USACE Haines Harbor Project 2509-08.

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

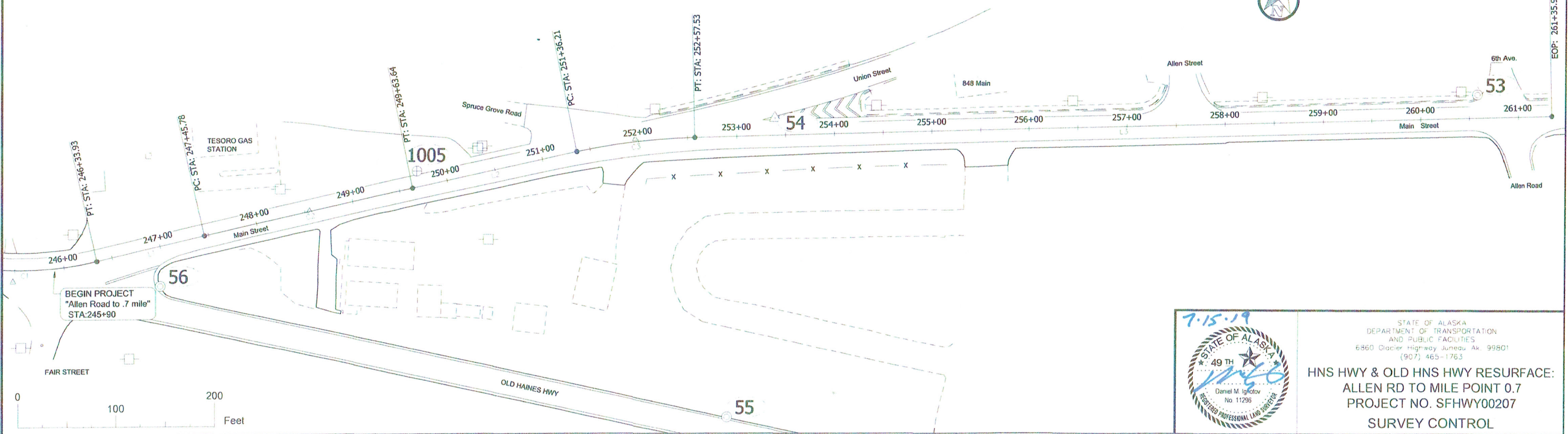
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO	TOTAL SHEETS
			ALASKA	SFHWY00207/0000(00)	2019	A4	4

Point #	Northing	Easting	Elevation	Description	Station	Offset
53	496651.52	713054.86	44.99	ALCAP2.5_DOT_SET	260+58.71	23.66L
54	496626.65	712335.96	42.14	MAG-WASH_SET	253+39.41	17.41L
55	496325.52	712288.11	43.53	ALCAP2.5_DOT_SET	252+83.78	282.37R
56	496458.92	711708.50	39.98	ALCAP2.5_DOT_SET	246+91.15	39.32R
1005	496574.08	711969.86	41.00	BC2" CONC_FLUSH	249+71.51	15.86L

Segment	Station	Northing	Easting	Station	Radius	Length	Delta
C1	244+62.78	496489.11	711474.66	246+33.93	333.18	171.15	29°25'56"
L1	246+33.93	496484.27	711643.86	247+45.78			
C2	247+45.78	496509.57	711752.81	249+63.64	11866.84	217.87	1°03'07"
L2	249+63.64	496556.92	711965.47	251+36.21			
C3	251+36.21	496592.87	712134.24	252+57.53	659.41	121.32	10°32'29"
L3	252+57.53	496607.12	712254.55	261+35.96			

MONUMENT NOTES:

- IF ANY PAIR OF CONTROL POINTS DISAGREES FROM PUBLISHED VALUE BY MORE THAN 1:10,000 HORIZONTALLY OR VERTICALLY THEN A THIRD NETWORK POINT MUST BE TIED TO ASCERTAIN WHICH POINT IS IN ERROR OR HAS BEEN DISTURBED.
- WHETHER LISTED OR NOT, ALL PROPERTY MONUMENTS, OR PROPERTY MARKERS, CORNERS OR ACCESSORIES WHICH WILL BE DISTURBED OR BURIED SHALL BE REFERENCED PRIOR TO BEING DISTURBED, AND RE-ESTABLISHED IN THEIR ORIGINAL HORIZONTAL POSITION AND A RECORD OF MONUMENT FORM IN ACCORDANCE WITH (A.S.34.65.040) AND (A.S.19.10.260) SHALL BE SUBMITTED TO THE CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO RECORDING. COORDINATE VALUES LISTED ARE FOR INFORMATIONAL PURPOSES AND SHOULD BE USED TO RESET MONUMENTS ONLY AS A LAST RESORT.
- RIGHT OF WAY LOCATION IS SHOWN FOR GRAPHICAL ORIENTATION PURPOSES ONLY. REFER TO ALASKA DOT&PF RIGHT OF WAY MAPS FOR RIGHT OF WAY INFORMATION.
- HORIZONTAL AND VERTICAL CONTROL MUST BE FIELD VERIFIED BY THE CONTRACTOR. DISCREPANCIES WILL BE REPORTED TO DOT&PF CONSTRUCTION PROJECT ENGINEER.



7-15-19

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 6860 Glacier Highway Juneau, Ak. 99801
 (907) 465-1763

**HNS HWY & OLD HNS HWY RESURFACE:
 ALLEN RD TO MILE POINT 0.7
 PROJECT NO. SFHWY00207
 SURVEY CONTROL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
△	12/4/19	ADDENDUM 1	ALASKA	SFHWHY00207/0956038	2019	C1	1

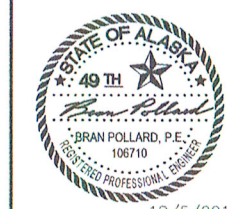
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ESTIMATE OF QUANTITIES

ITEM No.	SSHC No.	PAY ITEM	PAY UNIT	QTY.
201.2001.0000	201(9)	INVASIVE PLANT SPECIES CONTROL, REMOVAL, AND DISPOSAL	SQUARE YARD	120
202.0002.0000	202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	1,353
202.0003.0000	202(3)	REMOVAL OF SIDEWALK	SQUARE YARD	31.4
202.0004.0000	202(4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	147
202.0008.0000	202(8)	REMOVAL OF INLET	EACH	1
202.0009.0000	202(9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	74
203.0003.0000	203(3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	86
301.0001.00D1	301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	445
303.2001.0000	303(3)	LINEAR GRADING	STATION	3.9
401.0001.002B	401(1)	HMA, TYPE II; CLASS B	TON	875
401.0004.5834	401(4)	ASPHALT BINDER, GRADE PG 58-34	TON	53
402.0001.STE1	402(1)	STE-1 ASPHALT FOR TACK COAT	TON	2.4
407.2001.0000	407(1)	CRACK SEALING	LINEAR FOOT	153
410.2001.0000	408(1)	PAVEMENT COLD PLANING, 2"	SQUARE YARD	4,870
603.0009.0012	603(9-12)	CORRUGATED ALUMINUM PIPE, 12 INCH	LINEAR FOOT	147
603.0021.0018	603(21-18)	CORRUGATED POLYETHYLENE PIPE, 18 INCH	LINEAR FOOT	608
603.0021.0024	603(21-24)	CORRUGATED POLYETHYLENE PIPE, 24 INCH	LINEAR FOOT	178.7
603.0022.0018	-	END SECTION FOR CORRUGATED POLYETHYLENE PIPE, 18 INCH	EACH	1
604.0001.0001	604(1)	STORM SEWER MANHOLE, TYPE I	EACH	3
604.005.000A	604(5)	INLET, TYPE A	EACH	5
608.0001.0004	608(1)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	31.4
608.0006.0000	608(6)	CURB RAMP	EACH	2
609.0002.0001	609(2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	74
609.2004.0000	-	VALLEY GUTTER	LINEAR FOOT	844
611.0001.0001	611(1)	RIPRAP, CLASS I	CUBIC YARD	1.5
615.0001.0000	615(1)	STANDARD SIGN	SQUARE FOOT	30
616.0004.0000	616(4)	THAW WIRE INSTALLTION	EACH	1
618.0001.0000	618(4)	SEEDING	SQUARE YARD	1,240
619.2013.0000	619(3)	BONDED FIBER MATRIX	LBS	1,024
627.0006.0000	627(6)	FIRE HYDRANT RELOCATION	EACH	1
627.2020.0000	627(12)	WATER MAIN RELOCATION	EACH	2
627.2028.0000	-	WATER LINE SURVEY	EACH	3
635.0001.0000	635(1)	INSULATION BOARD	MBM	0.9
639.2000.0000	639(3)	APPROACH	EACH	4
640.0001.0000	640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640.0004.0000	640(4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641.0001.0000	641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641.0003.0000	641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641.0005.0000	641(5)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED
641.0006.0000	641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642.0001.0000	642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642.0003.0000	642(3)	THREE PERSON SURVEY PARTY	HOUR	16
643.0002.0000	643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643.0003.0000	643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643.0014.0000	643(14)	INTERIM PAVEMENT MARKINGS	STATION	1.3
643.0032.0000	643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643.0023.0000	643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643.0025.0000	643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
643.0001.0000	-	SFM SCHEDULING	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TONS/C.Y.
401 (1)	HMA, TYPE II; CLASS B	120 LBS./S.Y./IN.
401 (4)	ASPHALT BINDER, GRADE PG-58-34	6.0% OF ITEM 401(1)
402 (1)	STE-1 ASPHALT FOR TACK COAT	0.10 GAL/S.Y. 243 GAL/TON
618(4)	SEEDING	1.2 LB/ 1000 SF
	HYDRAULIC GROWTH MEDIUM	3500 LB/ACRE
619(3)	BONDED FIBER MATRIX (BFM)	4000 LB/ ACRE



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

ESTIMATE OF QUANTITIES

FILE | g:\hms\sfhwy00207\Planset\SFHWY00207_D1.dwg | DATE | 7/3/2019 13:45 | LAYOUT | D1 | DESIGNED | RW, DD | CHECKED | CG, LG | DRAFTED | JT, RW, DD

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00207/0956038	2019	D1	2

*b27. 2020.0001 Modify water main Relocation Lump Sum.
202.0001.0001 Removal of Abandoned Storm Drain Lump Sum.*

202.0003.0000 REMOVAL OF SIDEWALK					
STATION	OFFSET	STATION	OFFSET	REMARKS	
254+74.27	18.25 LT	254+86.27	18.25 LT	6.0 SY	
257+14.00	18.72 LT	257+39.86	40.98 LT	16.8 SY	
257+87.17	23.00 LT	258+09.12	18.70 lt	8.6 SY	

202.0004.0000 REMOVAL OF CULVERT PIPE					
STATION	OFFSET	STATION	OFFSET	REMARKS	
254+81.20	17.32 LT	256+20.22	28.01 RT	147 LF	

202.0008.0000 REMOVAL OF INLET		
STATION	OFFSET	REMARKS
254+80	16.9 LT	

202.0009.0000 REMOVAL OF CURB AND GUTTER					
STATION	OFFSET	STATION	OFFSET	REMARKS	
254+74.27	16.5 LT	254+86.27	17.1 LT	12 FT	
257+14.00	18.7 LT	257+39.86	41 LT	37 FT	
257+87.17	23.00 LT	258+09.12	16.70 LT	25 FT	

203.0003.0000 UNCLASSIFIED EXCAVATION				
BEGIN STA.	END STA.	OFFSET	LENGTH	REMARKS
253+49	255+23	LT	174	~41 CY DETAIL 1/E1
248+35	249+40	-	105	~45 CY DETAIL 3/B1

303.2001.0000 LINEAR GRADING				
BEGIN STA.	END STA.	OFFSET	QUANTITY (STA.)	REMARKS
253+50	255+23	RT	1.7	
255+90	258+10	RT	2.2	

603.0009.0012 CORRUGATED ALUMINUM PIPE, 12 INCH								
PIPE	INLET			OUTLET			LENGTH (FT)	REMARKS
	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
P-9	254+80.27	16.9 LT	39.03'	256+20.22	28.0 RT	38.82'	147.0	

603.0021.0018 CORRUGATED POLYETHYLENE PIPE, 18 INCH								
PIPE	INLET			OUTLET			LENGTH (FT)	REMARKS
	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
P-1	253+49.60	27.9	38.75	252+14.70	21.0 RT	37.70	133.6	
P-2	252+14.70	21.0	37.70	250+59.98	19.0 RT	36.50	152.2	
P-3	250+59.98	19.0	36.50	249+81.36	19.9 RT	35.88	78.6	
P-4	249+81.36	19.9	35.88	248+80.16	23.1 RT	35.09	101.1	
P-5	248+80.16	23.1	35.09	247+37.48	28.7 RT	33.97	142.5	

603.0021.0024 CORRUGATED POLYETHYLENE PIPE, 24 INCH								
PIPE	INLET			OUTLET			LENGTH (FT)	REMARKS
	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
P-6	247+37.48	28.7 RT	33.97'	247+11.60	17.6 LT	33.55'	53.1	
P-7	247+11.60	17.6 LT	33.55'	246+05.24	19.5 LT	32.73'	104.7	
P-8	246+05.24	19.5 LT	32.73'	245+99.42	39.7 LT	32.56'	20.9	

603.0022.0018 END SECTION FOR CORRUGATED POLYETHYLENE PIPE, 18 INCH		
STATION	OFFSET	REMARKS
253+50.00	27.9 RT	

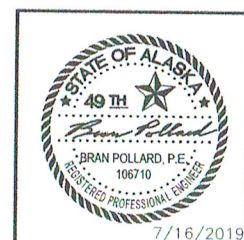
604.005.000A INLET, TYPE A					
STRUCTURE	STATION	OFFSET	RIM ELEV.	SUMP ELEV.	REMARKS
S-1	252+14.70	19.73 RT	40.78	36.18	
S-2	250+59.98	18.56 RT	40.64	34.99	
S-3	249+81.36	18.94 RT	40.25	38.02	
S-4	248+79.49	22.74 RT	39.76	33.72	
S-8	254+80.27	16.91 LT	41.58	37.53	

604.001.0001 STORM SEWER MANHOLE, TYPE I					
STRUCTURE	STATION	OFFSET	RIM ELEV.	SUMP ELEV.	REMARKS
S-5	247+37.48	28.70 RT	39.21	32.45	
S-6	247+11.60	17.64 LT	39.01	32.05	
S-7	246+05.24	19.50 LT	38.98	31.23	

608.0001.0004 CONCRETE SIDEWALK, 4 INCHES THICK					
STATION	OFFSET	STATION	OFFSET	REMARKS	
254+74.27	18.25 LT	254+86.27	18.25 LT	6.0 SY	
257+14.00	18.72 LT	257+39.86	40.98 LT	16.8 SY	
257+87.17	23.00 LT	258+09.12	18.70 lt	8.6 SY	

608.0006.0000 CURB RAMP		
STATION	OFFSET	REMARKS
257+29.15	23.59 LT	PARALLEL CURB RAMP
257+95.12	20.86 LT	SINGLE DIRECTION CURB RAMP

609.0002.0001 CURB AND GUTTER					
STATION	OFFSET	STATION	OFFSET	REMARKS	
254+74.27	16.5 LT	254+86.27	17.1 LT	12 FT	
257+14.00	18.72 LT	257+39.86	41.04 LT	37 FT	
257+87.17	23.00 LT	258+09.12	16.70 LT	25 FT	



STATE OF ALASKA
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**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

SUMMARIES

7/16/2019

FILE d:\hms\sfhwy00207\p101net\sfhwy00207_D1.dwg DATE 7/5/2019 13:45 LAYOUT D2 DESIGNED RW, DD CHECKED CC, LC DRAFTED JT, RW, DD

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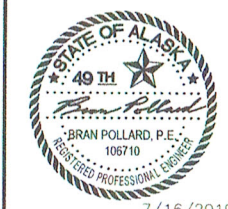
609.2004.0000 VALLEY GUTTER				
STATION	OFFSET (FT)	ELEVATION (FT)	LENGTH (FT)	REMARKS
247+45.00	19.60 RT	39.34	103	BEGIN GUTTER
248+47.37	18.00 RT	39.85		END GUTTER
248+78.96	25.00 RT	39.90	69	BEGIN GUTTER, P.O.C., RADIUS = 6.20 FT
248+84.31	19.13 RT	39.91		POINT ON TANGENT
249+47.44	19.09 RT	40.23		END GUTTER
249+81.36	18.94 RT	40.40	168	BEGIN GUTTER
251+49.22	18.00 RT	41.24		END GUTTER
252+06.03	19.80 RT	40.89	144	BEGIN GUTTER, P.O.C., RADIUS = 746.97 FT
252+14.70	19.70 RT	40.88		POINT ON CURVE
252+57.52	19.16 RT	41.09		POINT ON TANGENT
253+49.68	18.00 RT	41.55		END GUTTER
246+40.00	17.50 LT	39.37	360	BEGIN GUTTER
247+11.52	16.88 LT	39.20		POINT ON LINE
248+37.52	16.16 LT	39.77		POINT ON LINE
248+88.07	16.22 LT	40.28		POINT ON LINE
249+39.21	16.50 LT	40.54		POINT ON LINE
250+00.00	17.08 LT	41.18		END GUTTER

616.0004.0001 Modify Thaw wire installation

616.0004.0000 THAW WIRE INSTALLATION				
STATION	OFFSET	STATION	OFFSET	REMARKS
254+80.00	18.25' LT	256+20.22	28.0' RT	

639.2000.0000 APPROACH							
STA.	OFFSET	WIDTH		RADIUS		DEPTH (FT)	REMARKS
		FRONT	BACK	R1	R2		
248+75	RT	36	20	10	10	10	FISH & GAME LOT
249+65	RT	40	20	10	10	10	FISH & GAME LOT
251+82	RT	52	22	10	15	22	FISH & GAME LOT
255+57	RT	67	44	10	13	18	RV PARK

INTERSECTING ROAD DIMENSIONS							
STA (CENTER)	OFFSET	WIDTH		RADIUS		DEPTH (FT)	REMARKS
		FRONT	BACK	R1	R2		
251+52	LT.	122	23	9	-	66	SPRUCE GROVE ROAD, SEE PAVED APPROACH DETAIL SHEET E1.
253+38	LT.	202	29	-	14	114	UNION STREET, SEE PAVED APPROACH DETAIL SHEET E1.
257+61	LT.	82	34	29	11	20	ALLEN STREET, SEE PAVED APPROACH DETAIL SHEET E1.



STATE OF ALASKA
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**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

SUMMARIES

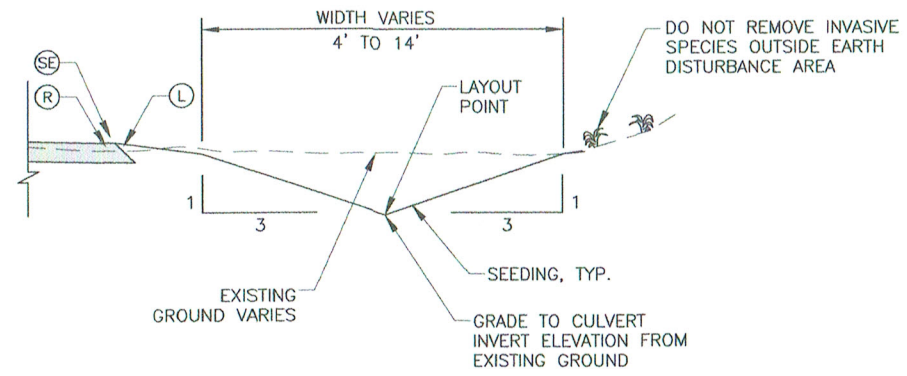
7/16/2019

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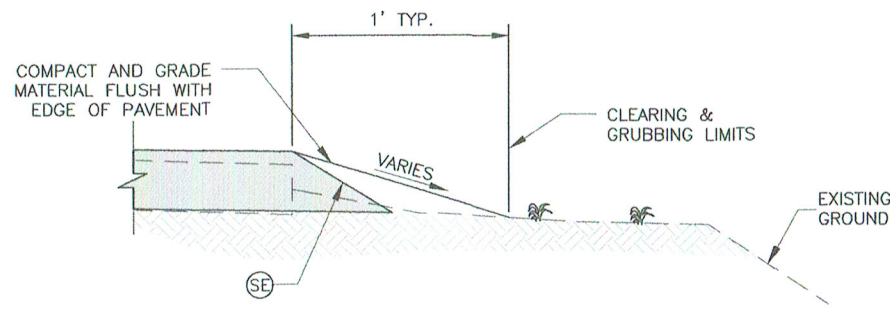
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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LEGEND

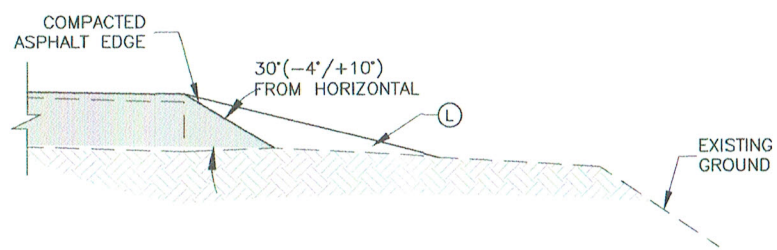
- (L) LINEAR GRADING
- (R) 2" HMA, TYPE II; CLASS B,
- (SE) SAFETY EDGE



1 SPECIAL DITCH
 SCALE: N.T.S. STA. 253+49, 27.87'RT ELEV. 38.75' TO STA. 255+16, 24.64'RT ELEV. 42.0'

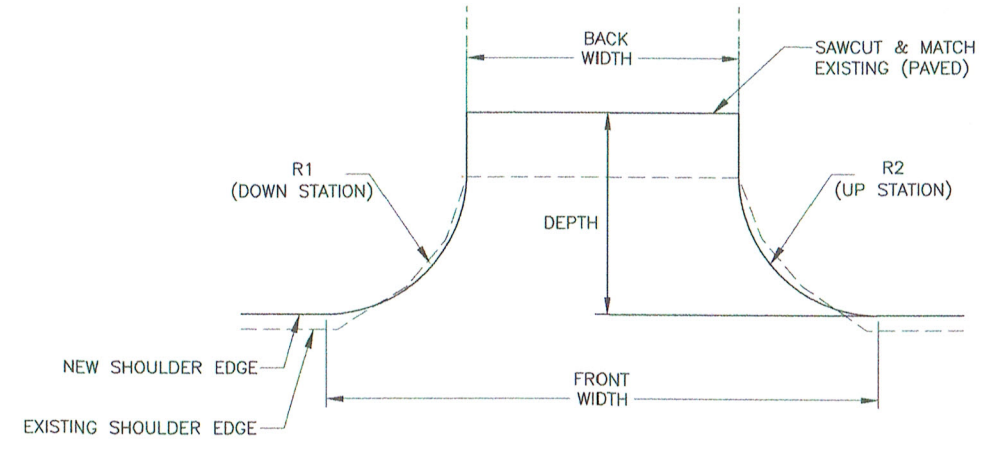


2 LINEAR GRADING (TYP.)
 SCALE: N.T.S. STA. 254+08 TO 255+23 RT

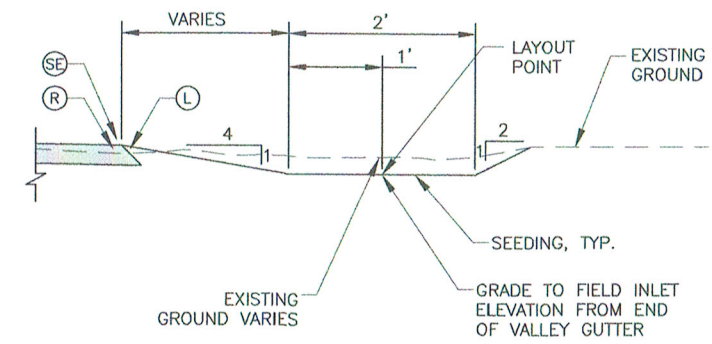


3 SAFETY EDGE
 SCALE: N.T.S. STA. 254+08 TO 255+23 RT

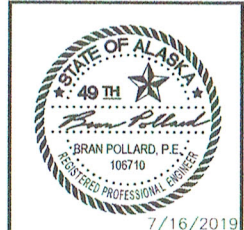
NOTE:
 1. DO NOT USE A SAFETY EDGE WHERE THERE WILL BE A JOINT (CENTERLINE, INTERSECTIONS, DRIVEWAYS, ETC.).



4 PAVED APPROACH
 SCALE: N.T.S.



5 SWALE
 SCALE: N.T.S. STA. 247+37.48, 28.70'RT ELEV. 39.21' TO STA. 247+45.00, 20.60'RT ELEV. 39.34'



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**HNS HWY RESURFACE:
 ALLEN ROAD TO MP 0.7**

MISCELLANEOUS DETAILS

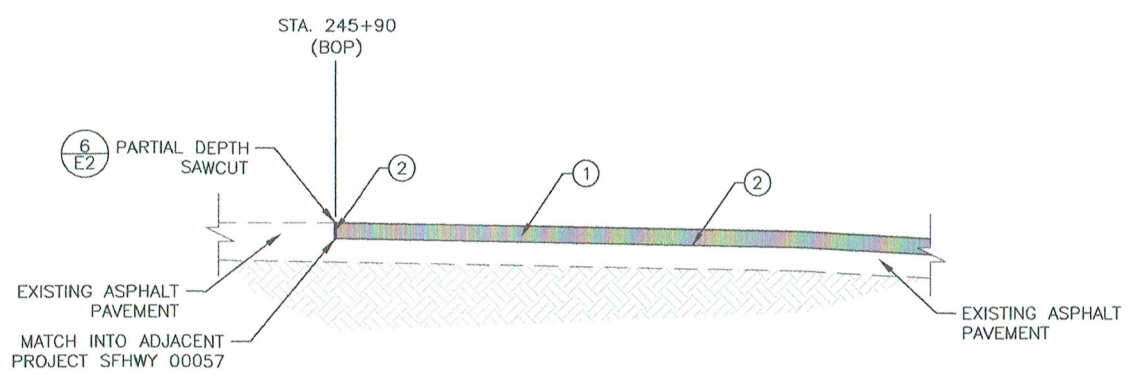
7/16/2019

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LEGEND

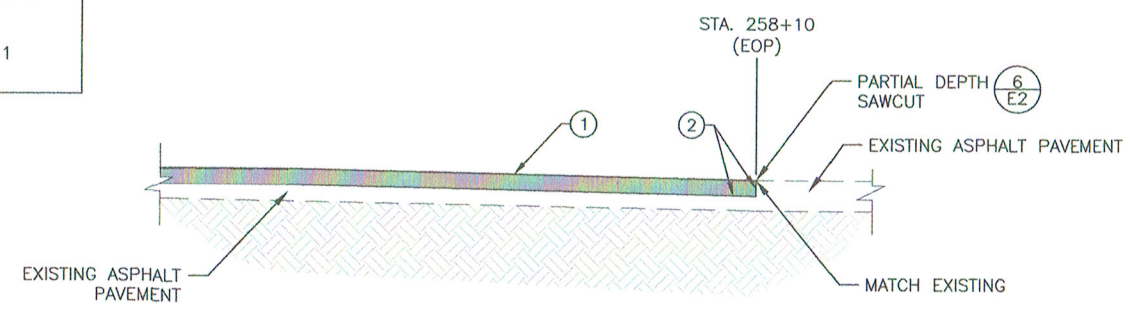
- ① 2" HOT MIX ASPHALT (HMA), TYPE II; CLASS B
- ② STE-1 ASPHALT FOR TACK COAT
- ③ 6" AGGREGATE BASE COURSE, GRADING D-1



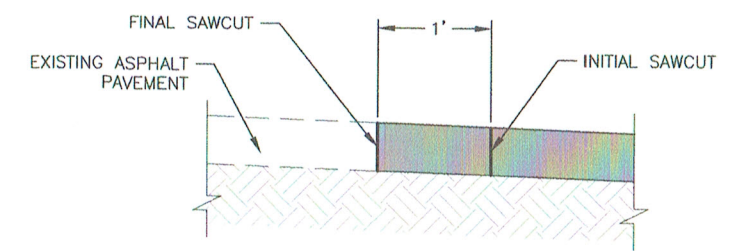
1 BOP TRANSITION
SCALE: NOT TO SCALE

NOTES:

- 1. SEE DETAIL 5 THIS SHEET FOR SAW CUT REQUIREMENTS.



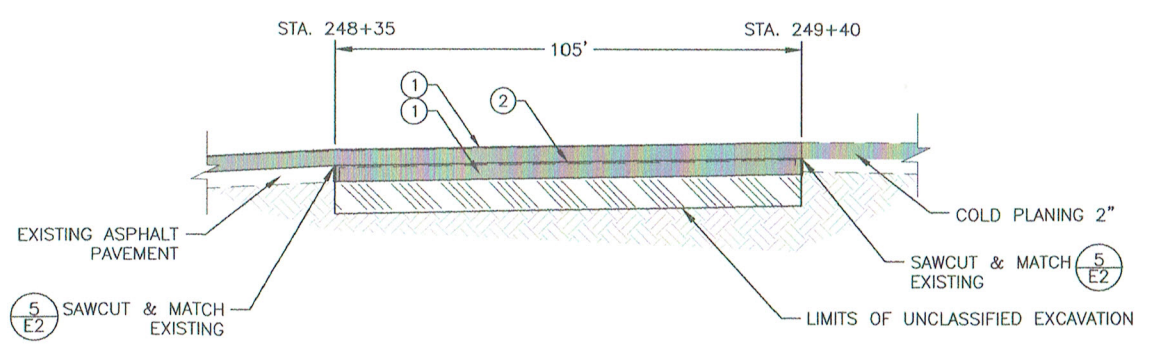
2 EOP TRANSITION
SCALE: NOT TO SCALE



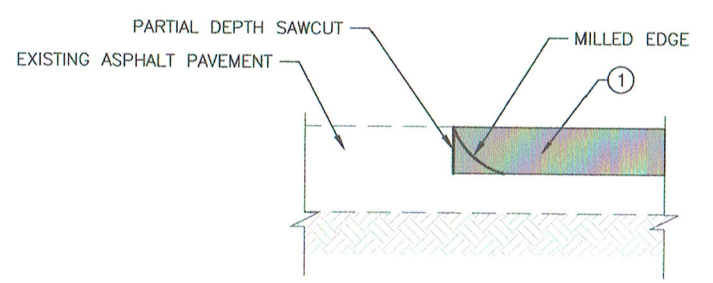
5 FULL DEPTH SAWCUT
SCALE: NOT TO SCALE

NOTES:

- 1. INITIALLY SAWCUT EXISTING ASPHALT TO PROTECT FINAL CUT EDGE DURING ASPHALT REMOVAL & BASE COURSE PREPARATION.
- 2. FINAL SAWCUT WITHIN 24 HOURS PRIOR TO PAVING. PROTECT FINAL SAWCUT EDGE FROM DAMAGE.
- 3. INITIAL SAWCUT MAY BE ELIMINATED IF PAVING IS TO TAKE PLACE WITHIN 24 HRS AND SAWCUT EDGE IS PROTECTED FROM DAMAGE, PRIOR TO PAVING.
- 4. FINAL SAWCUT SHALL BE STRAIGHT & THE FULL DEPTH OF EXISTING ASPHALT.



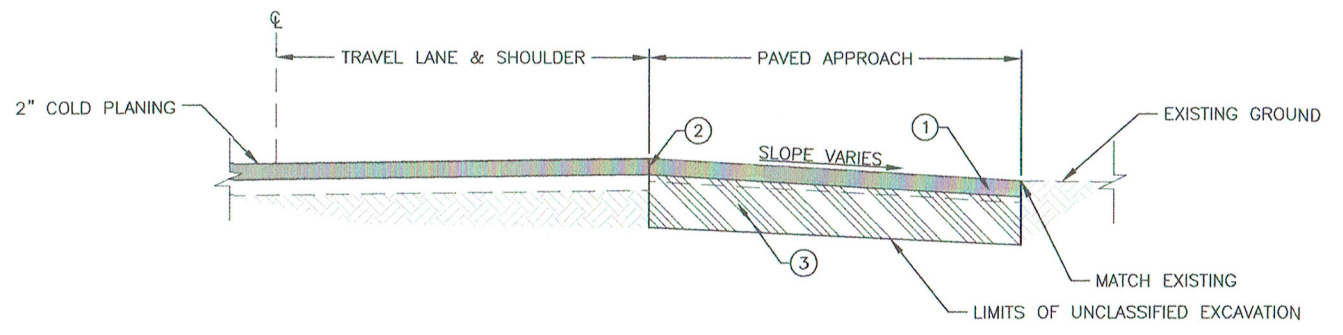
3 2" COLD PLANING TRANSITION TO FULL DEPTH REPAIR
SCALE: NOT TO SCALE



6 PARTIAL DEPTH SAWCUT
SCALE: NOT TO SCALE

NOTES:

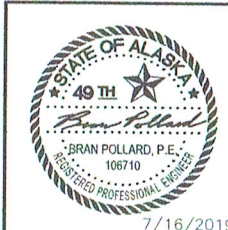
- 1. SAWCUT AND REMOVE MILLED EDGE AT TRANSVERSE JOINTS, PRIOR TO PAVING.
- 2. DEPTH OF SAWCUT NOT TO EXCEED DEPTH OF MILLING.



4 DRIVEWAY APPROACH PROFILE
SCALE: NOT TO SCALE

NOTES:

- 1. SEE SHEET D1 FOR PAVED APPROACH LAYOUT LIMITS.



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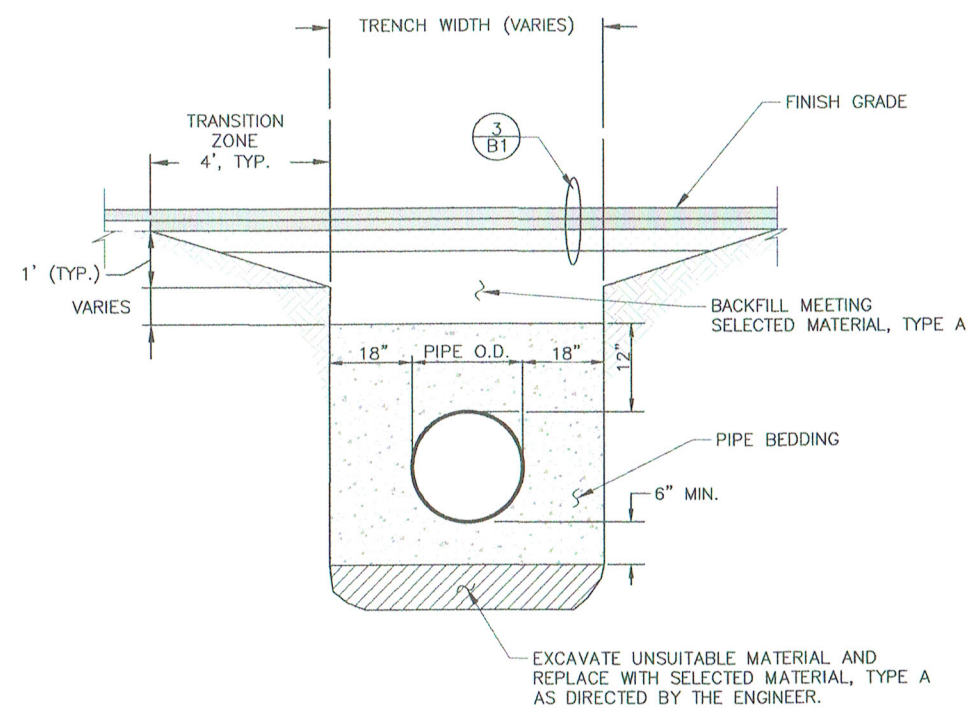
**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

MISCELLANEOUS DETAILS

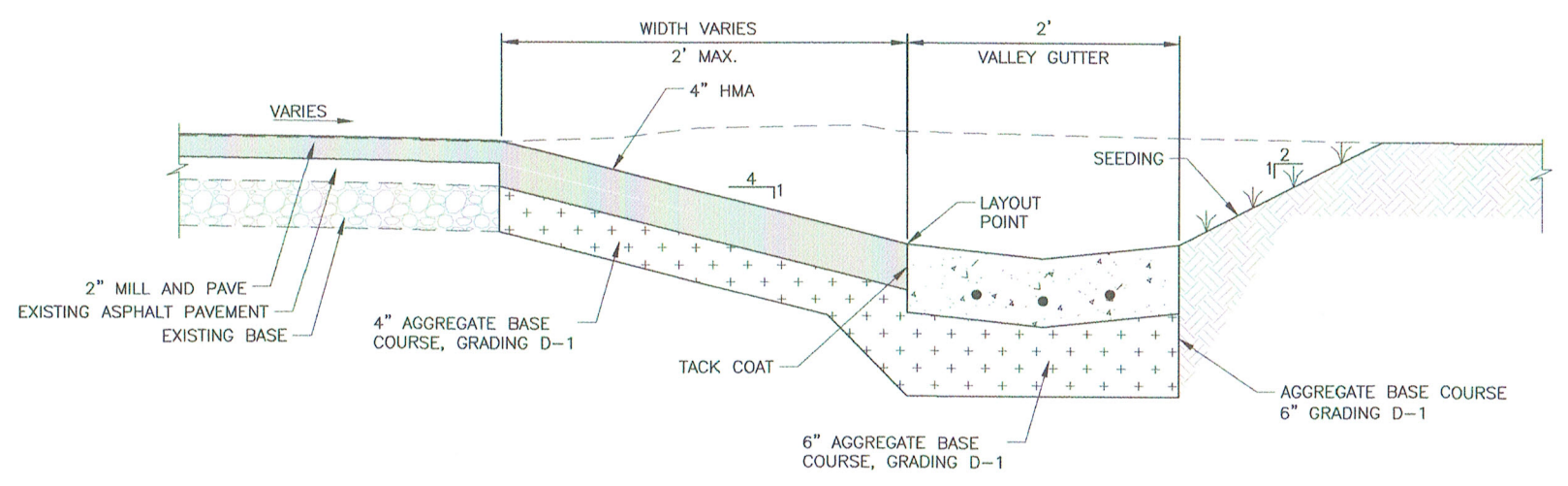
7/16/2019

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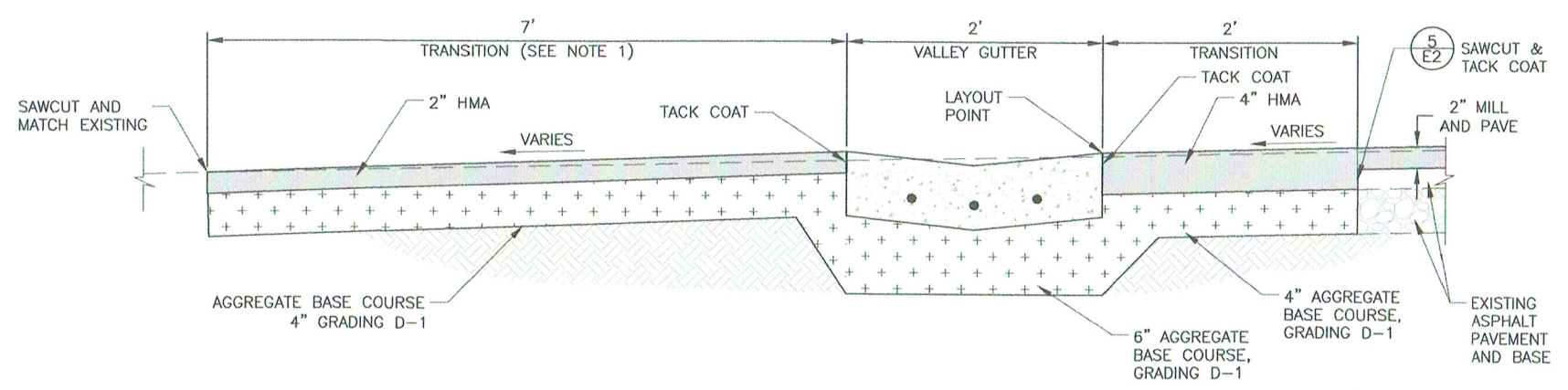
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWY00207/0956038	2019	E3	9



1 STORM DRAIN BEDDING/BACKFILL DETAIL
SCALE: N.T.S.



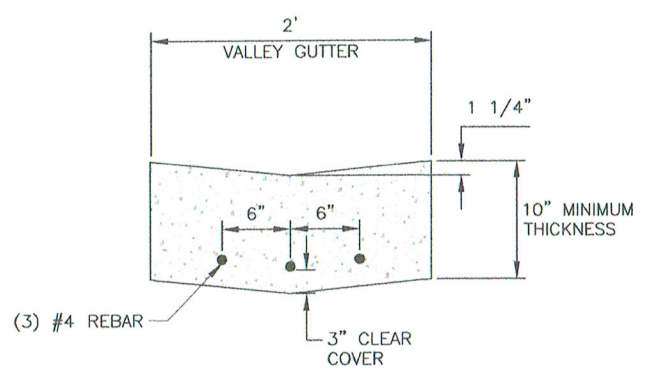
2 VALLEY GUTTER, RIGHT
SCALE: N.T.S.
STA. 247+45 TO STA. 248+48 RT
STA. 248+79 TO STA. 249+47 RT
STA. 249+81 TO STA. 251+49 RT
STA. 252+06 TO STA. 253+50 RT



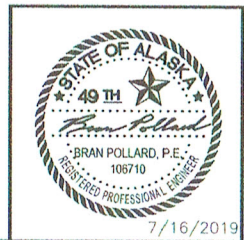
3 VALLEY GUTTER, LEFT
SCALE: N.T.S.
STA. 246+40 TO STA. 250+00 LT

DETAIL 3/E3 NOTES:

1. REDUCE THE TRANSITION WIDTH TO 4.5 FEET FROM STATION 248+25 TO STATION 248+50



4 VALLEY GUTTER
SCALE: N.T.S.



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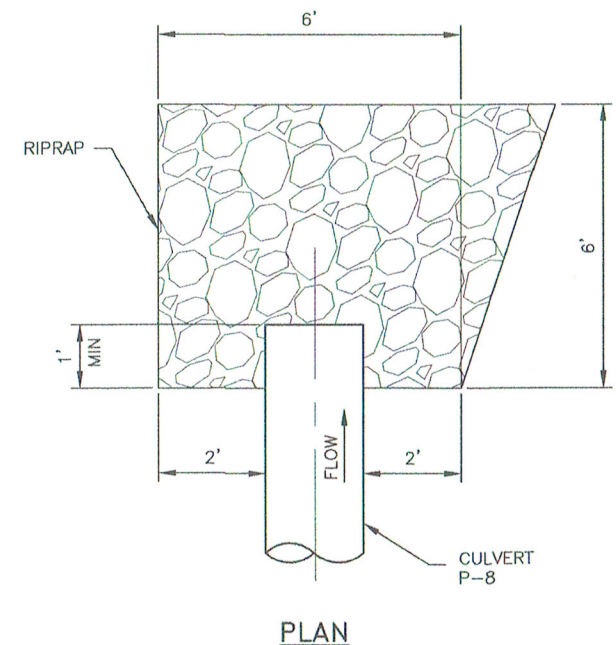
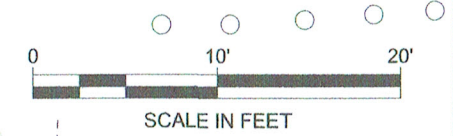
**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

MISCELLANEOUS DETAILS

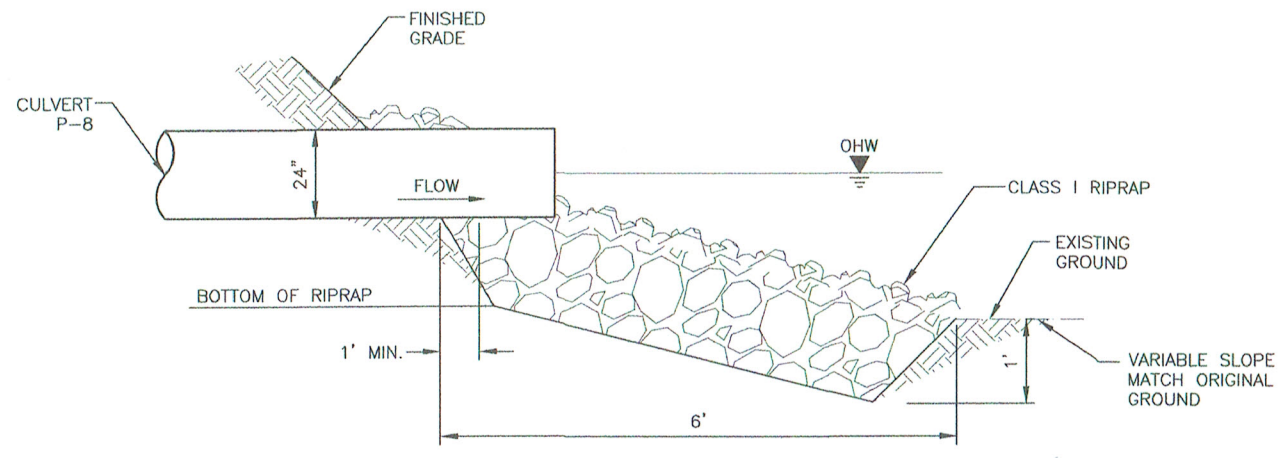
7/16/2019

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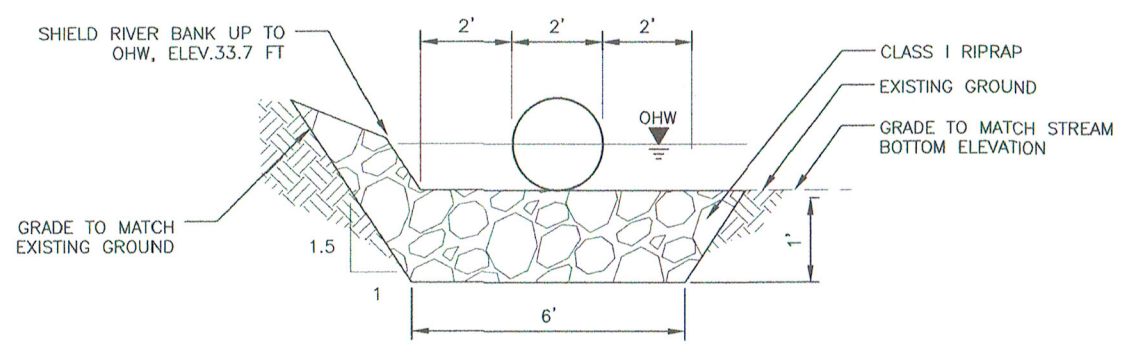
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PLAN

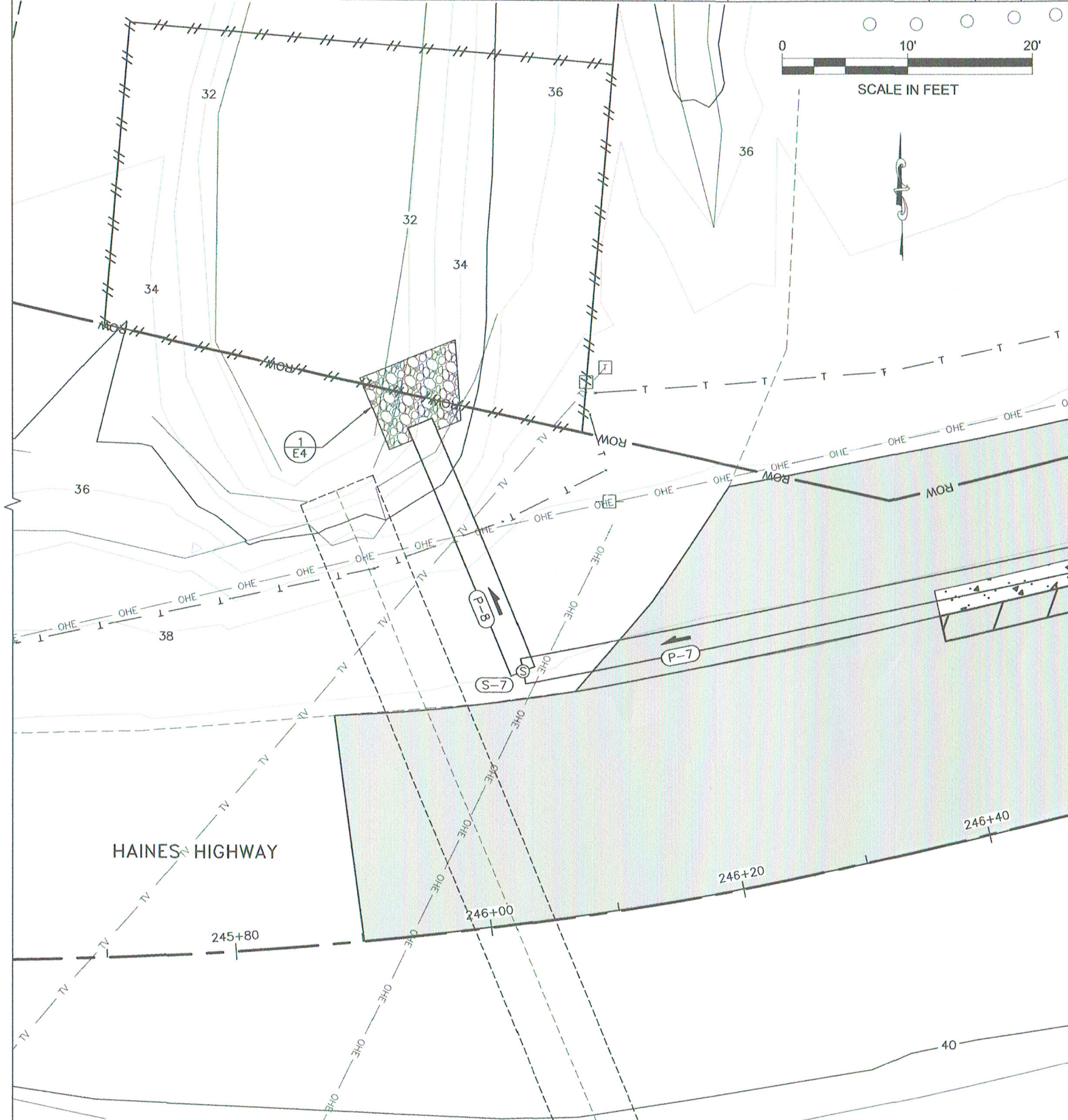


SIDE VIEW

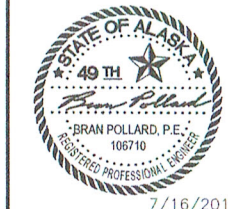


FRONT VIEW

1 ENERGY DISSIPATOR
SCALE: N.T.S.



2 ENERGY DISSIPATOR AREA VIEW
SCALE: N.T.S.



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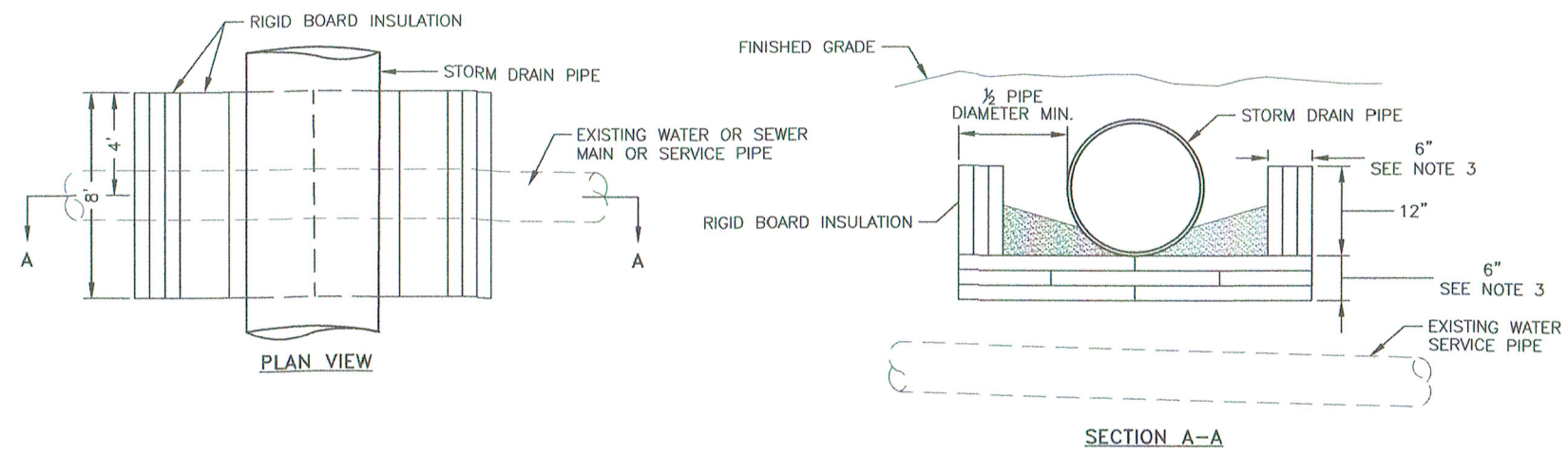
**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

MISCELLANEOUS DETAILS

7/16/2019

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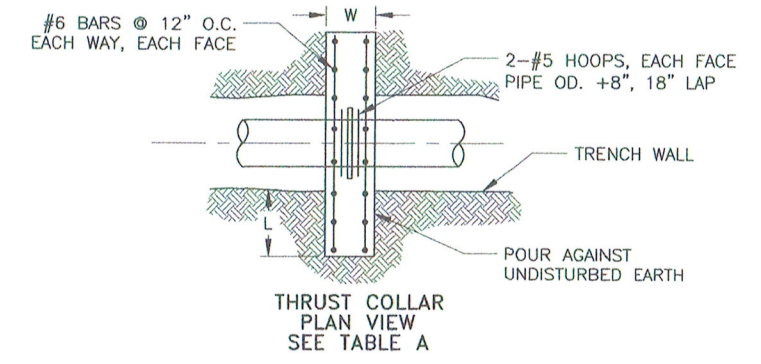
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00207/0956038	2019	E5	9



1 RIGID INSULATION
 SCALE: N.T.S.

NOTES 1/E5:

- PIPE INSULATION SHALL BE 8' IN LENGTH, CENTERED OVER EXISTING WATER PIPE.
- PIPE INSULATION WITH R-FACTOR EQUAL TO RIGID BOARD MAY BE SUBSTITUTED IF APPROVED BY THE ENGINEER.
- CROSSING SHALL BE PROTECTED WITH A MINIMUM OF 6" OF INSULATION BOARDS WITH A 12" OVER LAP AS SHOWN.

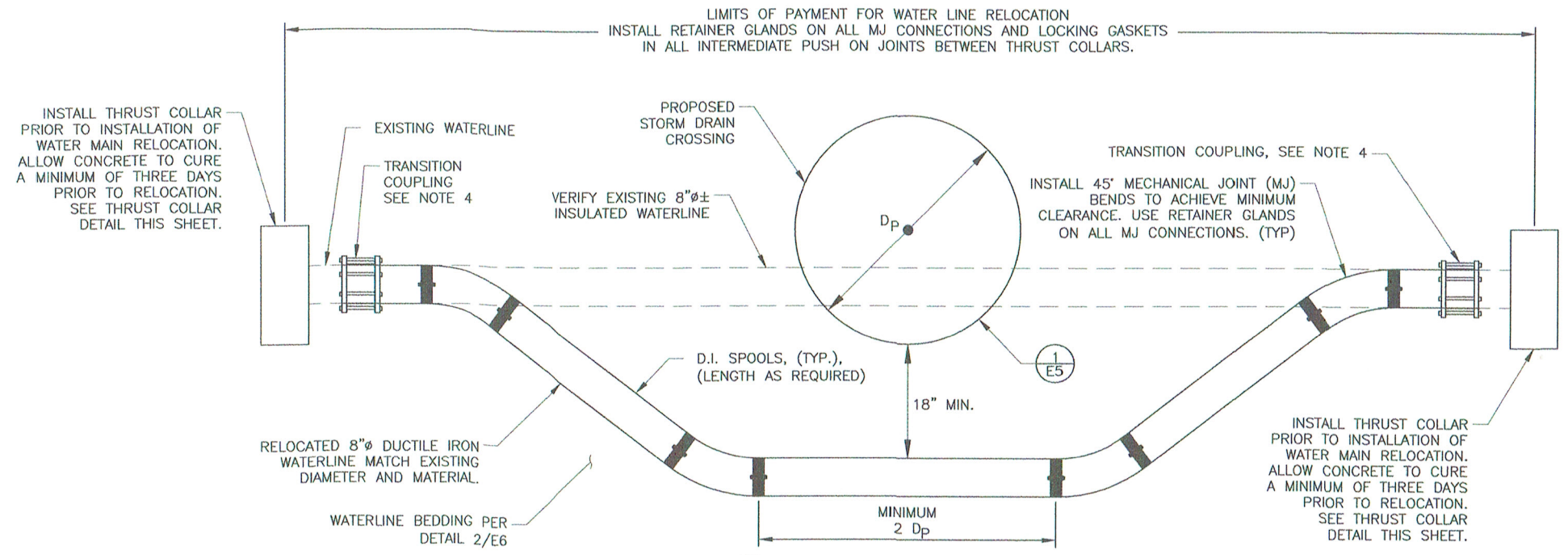


2 THRUST BLOCKING DETAILS
 SCALE: N.T.S.

TABLE A - THRUST COLLAR DIMENSIONS

PIPE SIZE	H	W	L
12" AND UNDER	1'-6"	2'	1'-6"
16"	2'	2'	2'-6"
20"	2'-6"	2'	2'-9"
24"	3'	2'	3'

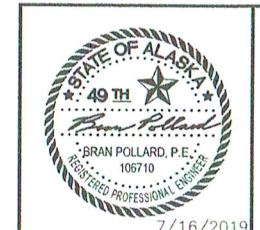
NOTE: TABLE VALUES ARE BASED ON 200 PSI WATER PRESSURE AND 2000 PSF SOIL BEARING CAPACITY.



3 WATER MAIN RELOCATION
 SCALE: N.T.S.

DETAIL 3/E5 NOTES:

- WATER MAIN RELOCATION MAY NOT BE REQUIRED. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING WATERLINE TOP OF PIPE ELEVATION, PIPE TYPE, AND DIAMETER AT THE STORM DRAIN CROSSING. SUBMIT RESULTS OF THE WATER LINE SURVEY TO THE ENGINEER.
- THE ENGINEER WILL DETERMINE IF WATER MAIN RELOCATION IS REQUIRED BASED ON THE CONTRACTOR'S WATER LINE SURVEY. OBTAIN THE ENGINEER'S APPROVAL TO PROCEED WITH WATER MAIN RELOCATION PRIOR TO ORDERING ANY WATER MAIN RELOCATION MATERIALS.
- PIPE INSULATION (NOT SHOWN) SHALL BE INSTALLED PER THE RIGID INSULATION DETAIL.
- USE A DUCTILE IRON SOLID SLEEVE MJ COUPLING TO MAKE CONNECTION TO EXISTING WATERLINE.
- ALL NEW MATERIALS SHALL BE CLEANED AND DISINFECTED IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION (AWWA) GUIDANCE. CONTRACTOR SHALL DISINFECT PRIOR TO MAKING CONNECTION. AFTER INSTALLATION CONTRACTOR SHALL FLUSH TO THE NEAREST HYDRANT.
- NEW PIPE WORK INSTALLED WILL BE VISUALLY CHECKED FOR LEAKS AT LINE PRESSURE. VERIFICATION OF RESTRAINT REQUIREMENTS AND VISUAL INSPECTION WILL BE PERFORMED BY THE ENGINEER PRIOR TO PIPE BURIAL.



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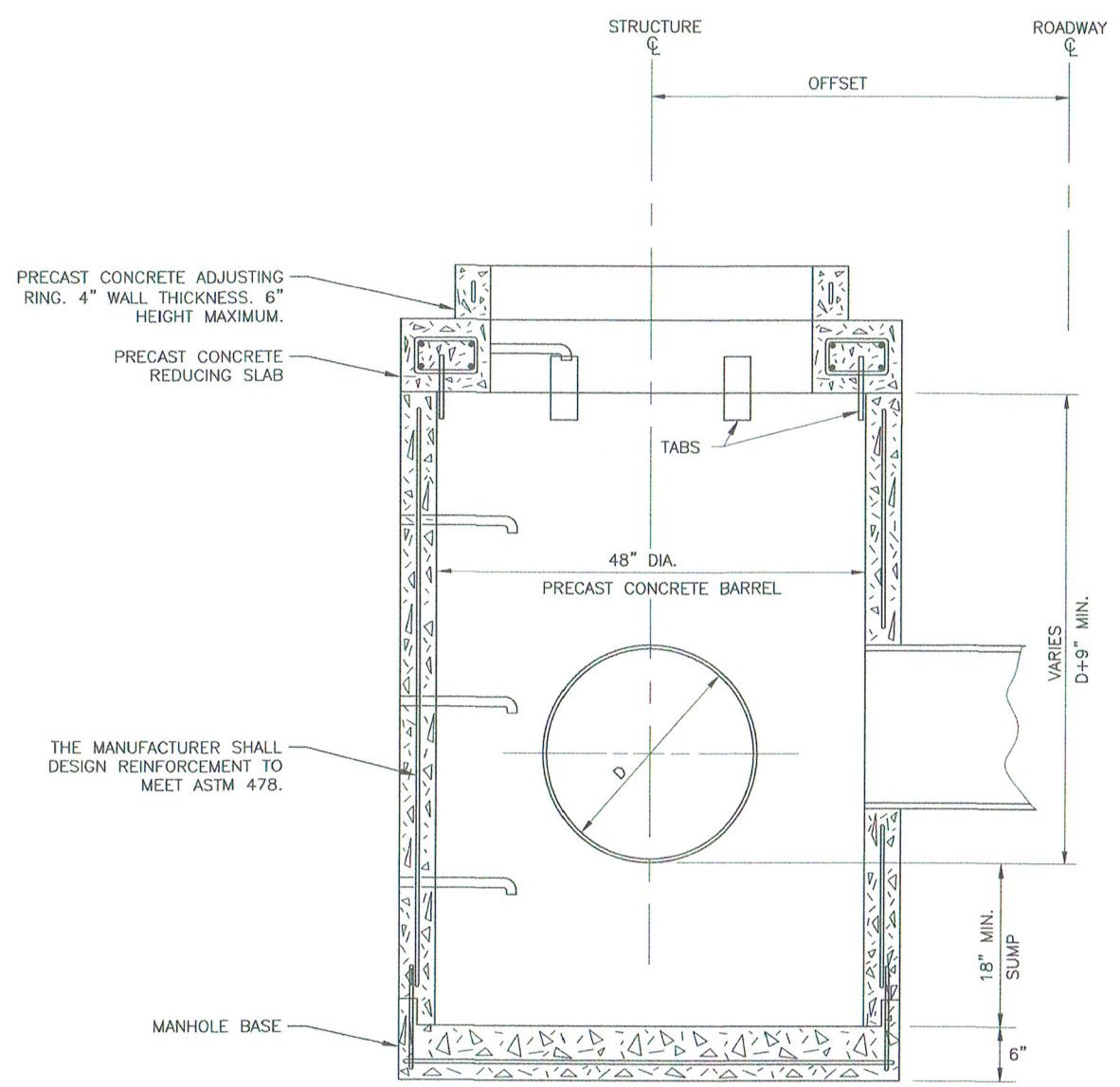
**HNS HWY RESURFACE:
 ALLEN ROAD TO MP 0.7**

MISCELLANEOUS DETAILS

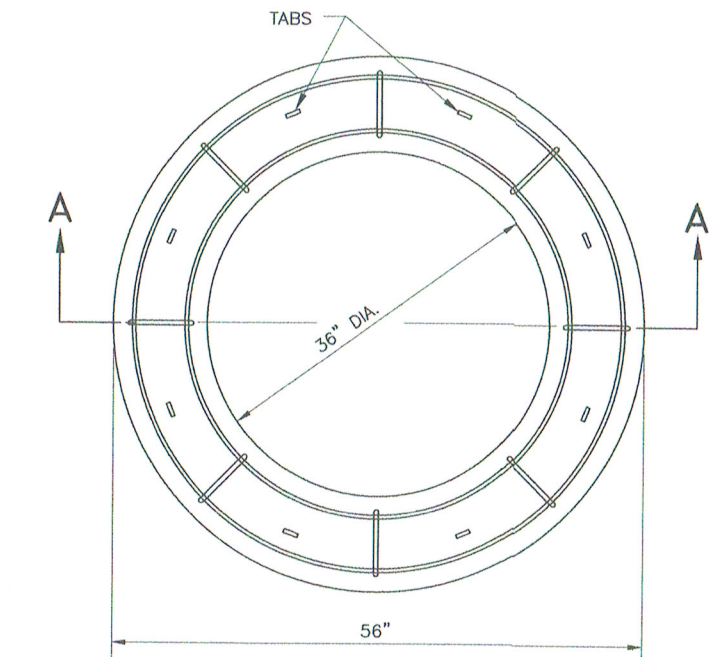
7/16/2019

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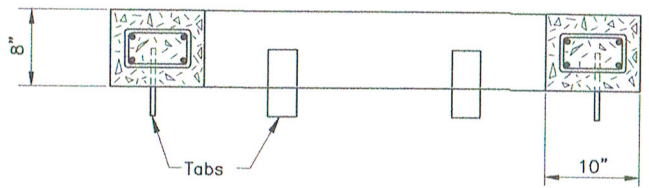
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00207/0956038	2019	E7	9



STORM DRAIN MANHOLE, TYPE I



NOTE:
EVENLY SPACE 8 TABS
AROUND EACH SLAB.

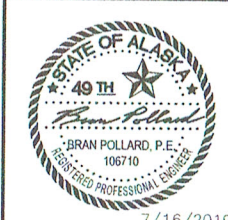


**SECTION A-A
 PRECAST CONCRETE REDUCING SLAB**

56" TO 36" WITH CENTERED HOLE.

GENERAL NOTES:

1. ALL DRAINAGE STRUCTURES AND APPURTENANCES SHALL MEET THE REQUIREMENTS OF ASTM C-478.
2. ALL BLOCKOUTS SHALL BE FORMED.
3. MANHOLES AND INLETS SHALL HAVE 18" MINIMUM SUMPS.
4. STEPS SHALL BE PLACED 12" O.C. ON THE UNOBSTRUCTED SIDE OF THE STRUCTURE, 20" FROM TOP OF CASTING AND 18" MAXIMUM FROM MANHOLE BASE.
5. OFFSETS ARE MEASURED FROM CL OF THE ROAD TO CL OF THE STRUCTURE.



STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

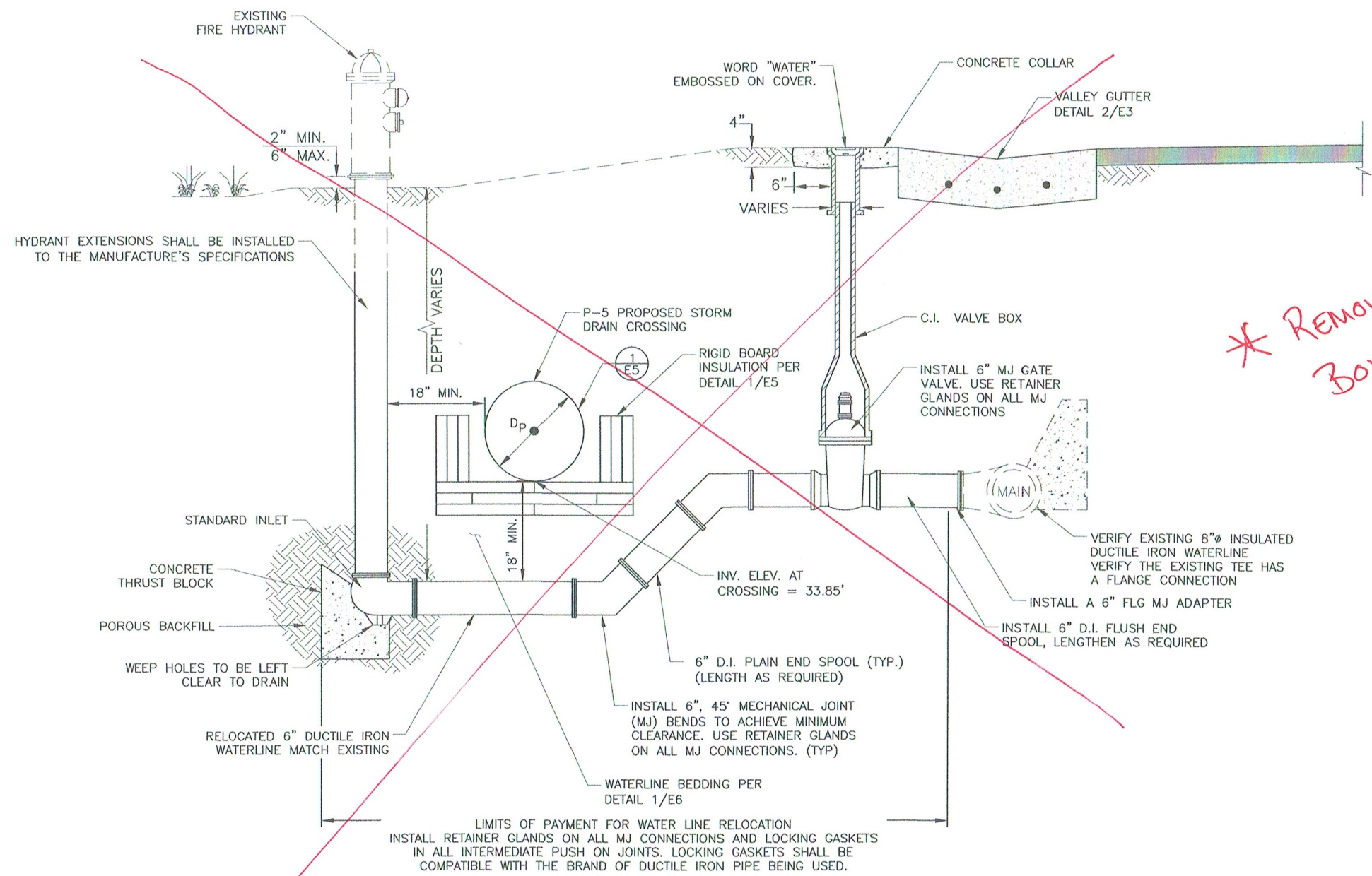
**HNS HWY RESURFACE:
 ALLEN ROAD TO MP 0.7**

MISCELLANEOUS DETAILS

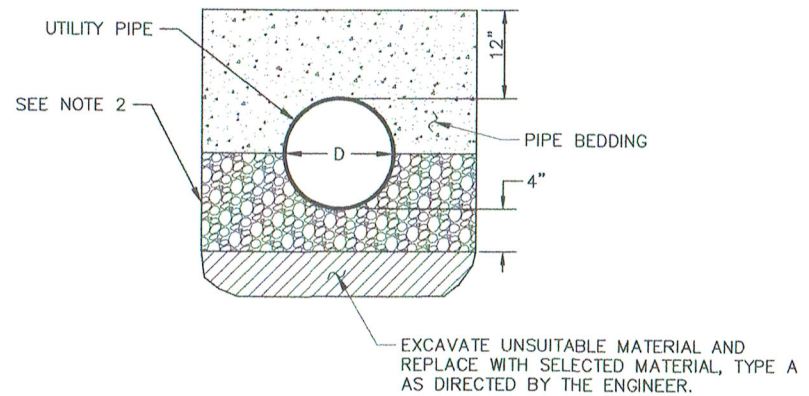
7/16/2019

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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00207/0956038	2019	E6	9



** REMOVED BY Borough*

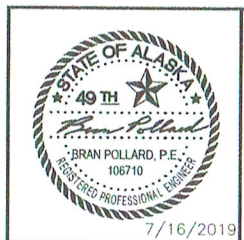


2 WATER LINE BEDDING
SCALE: N.T.S.

1 FIRE HYDRANT SERVICE RELOCATION
SCALE: N.T.S.

- NOTES 2/E6:**
1. THE MAXIMUM CLEAR WIDTH OF THE TRENCH AT THE TOP OF THE PIPE SHALL NOT EXCEED THE PIPE OD + 2'. MINIMUM TRENCH WIDTH SHALL BE PIPE OD + 1'
 2. WHERE DIRECTED BY THE ENGINEER, GRANULAR TRENCH STABILIZATION SHALL BE PLACED PRIOR TO PLACEMENT OF THE BEDDING. SIZE AND DEPTH ARE DEPENDENT ON SOIL CONDITIONS.
 3. FOR ROCK OR OTHER INCOMPRESSIBLE MATERIALS, THE TRENCH SHALL BE OVEREXCAVATED A MINIMUM OF 6" AND REFILLED WITH GRANULAR MATERIAL AS DIRECTED BY THE ENGINEER.
 4. BEDDING AND BACKFILL MATERIALS IN THE PIPE ZONE SHALL BE COMPACTED AS SPECIFIED PRIOR TO BACKFILLING THE REMAINDER OF THE TRENCH.
 5. INSTALL BEDDING & BACKFILL IN ACCORDANCE WITH SECTION 204.

- DETAIL 1/E6 NOTES:**
1. FIRE HYDRANT RELOCATION MAY NOT BE REQUIRED. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING WATERLINE TOP OF PIPE ELEVATION, PIPE TYPE, AND DIAMETER AT THE STORM DRAIN CROSSING. SUBMIT RESULTS OF THE WATER LINE SURVEY TO THE ENGINEER.
 2. THE ENGINEER WILL DETERMINE IF FIRE HYDRANT RELOCATION IS REQUIRED BASED ON THE CONTRACTOR'S WATER LINE SURVEY. OBTAIN THE ENGINEER'S APPROVAL TO PROCEED WITH WATER MAIN RELOCATION PRIOR TO ORDERING ANY WATER FIRE HYDRANT RELOCATION MATERIALS.
 3. PIPE INSULATION (NOT SHOWN) SHALL BE INSTALLED PER THE RIGID INSULATION DETAIL (SEE 1/E5).
 4. ALL NEW MATERIALS SHALL BE CLEANED AND DISINFECTED IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION (AWWA) PROCEDURES. CONTRACTOR SHALL DISINFECT PRIOR TO MAKING CONNECTION. AFTER INSTALLATION CONTRACTOR SHALL FLUSH TO THE HYDRANT.
 5. NEW PIPE WORK INSTALLED WILL BE VISUALLY CHECKED FOR LEAKS AT LINE PRESSURE. VERIFICATION OF RESTRAINT REQUIREMENTS AND VISUAL INSPECTION WILL BE PERFORMED BY THE ENGINEER, PRIOR TO BACKFILL PLACEMENT.



STATE OF ALASKA
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**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

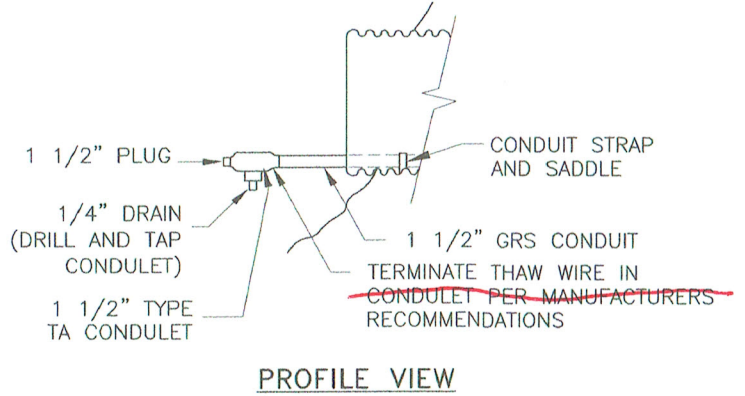
MISCELLANEOUS DETAILS

7/16/2019

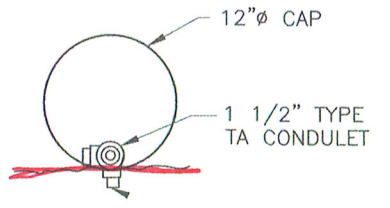
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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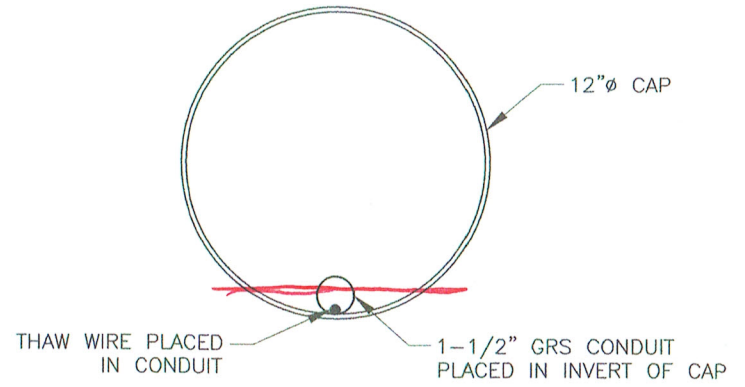
11111.0004.0001
**Modified Thaw
 wire installation**



PROFILE VIEW

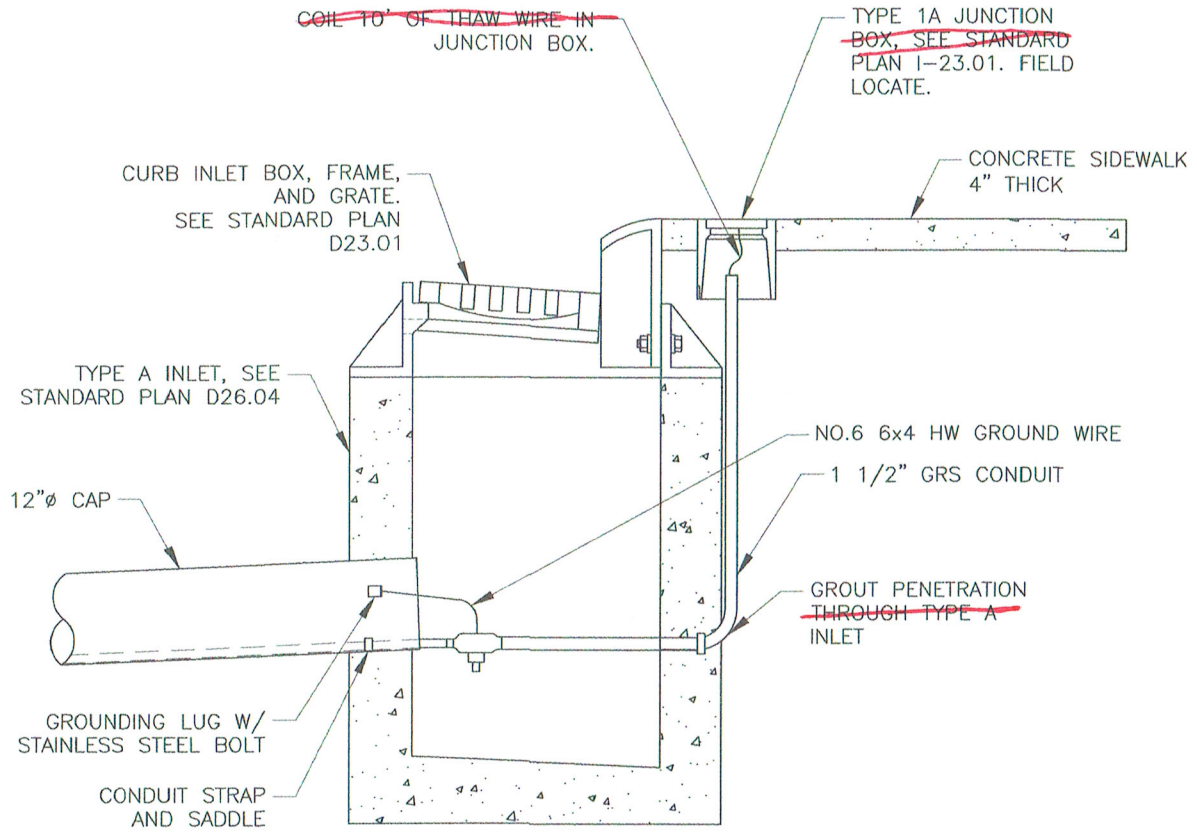


FRONT VIEW

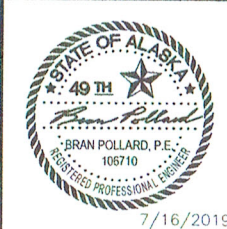


3 STORM DRAIN CROSS SECTION
 SCALE: N.T.S.

1 THAW WIRE TERMINATION DETAIL
 SCALE: N.T.S.



2 STORM DRAIN ENTRY DETAIL
 SCALE: N.T.S.



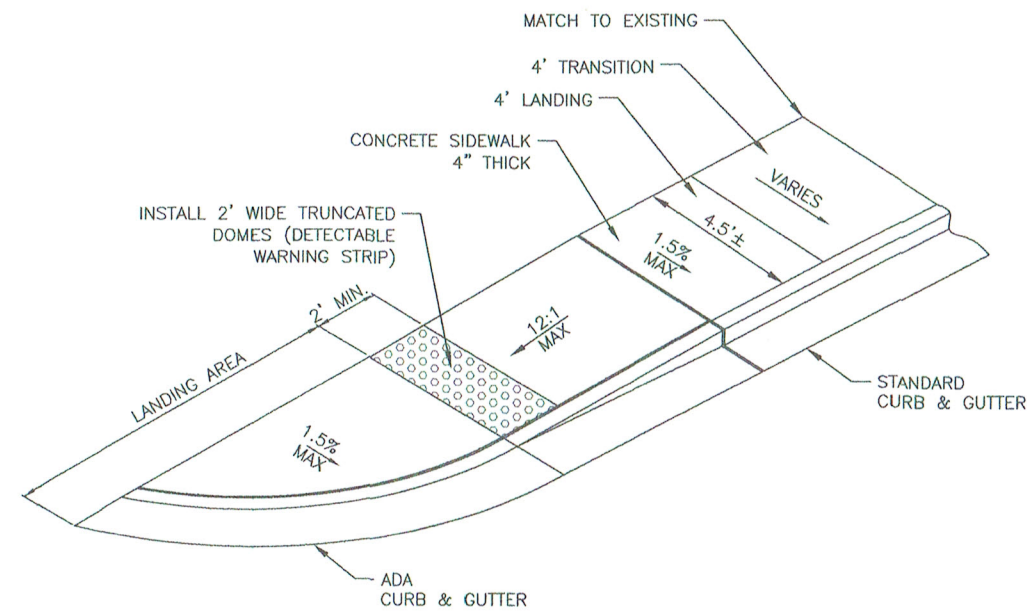
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

**HNS HWY RESURFACE:
 ALLEN ROAD TO MP 0.7**

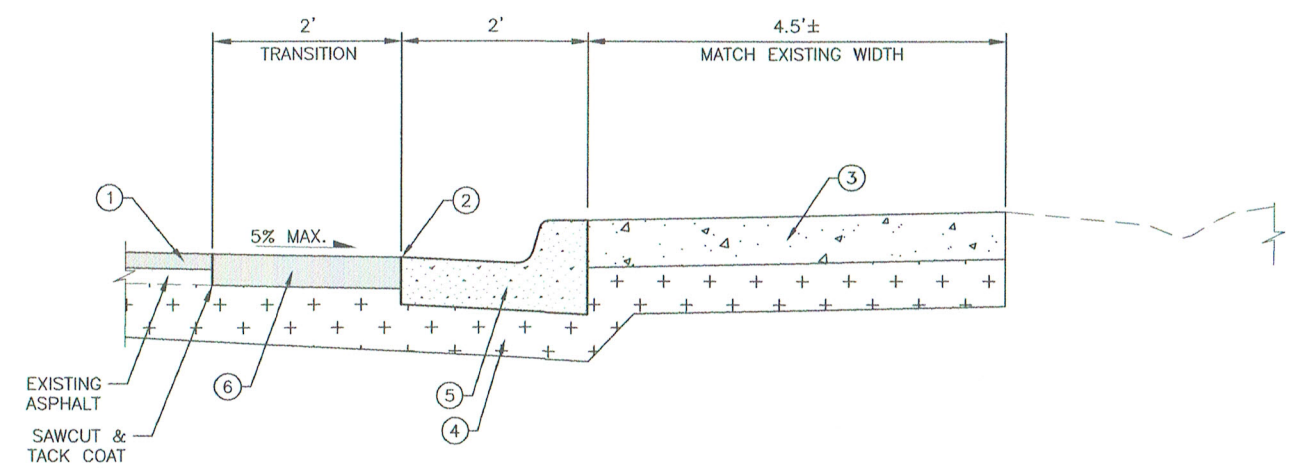
MISCELLANEOUS DETAILS

7/16/2019

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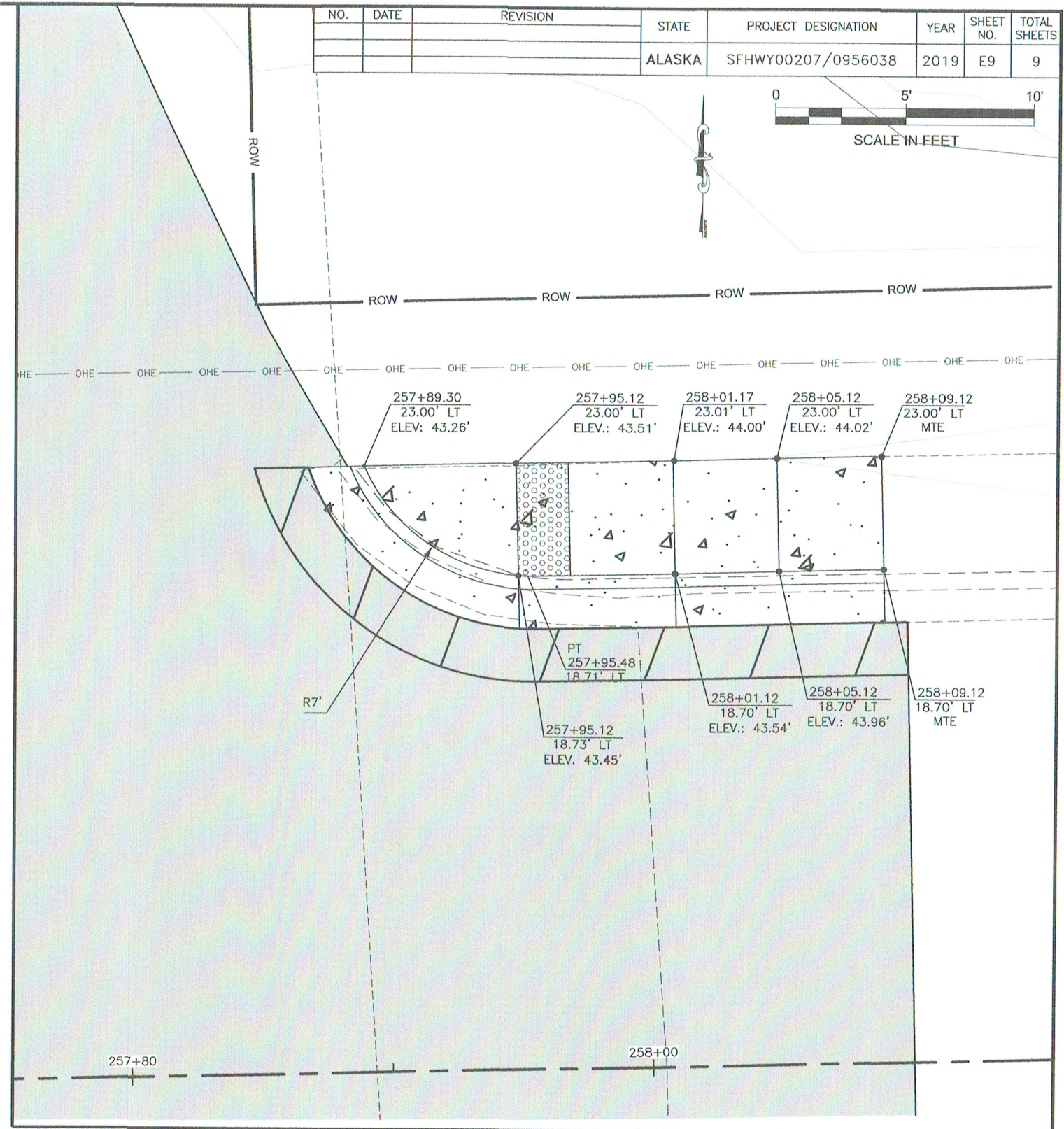
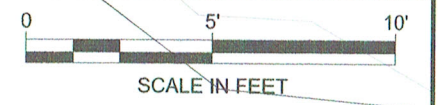
1 SINGLE DIRECTION CURB RAMP
 SCALE: N.T.S.



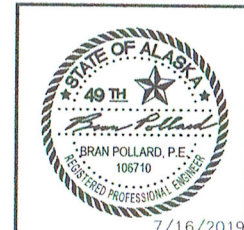
2 CONCRETE SIDEWALK, CURB, AND GUTTER
 SCALE: N.T.S.

- LEGEND**
- ① 2" HOT MIX ASPHALT, TYPE II; CLASS B
 - ② STE-1 ASPHALT FOR TACK COAT
 - ③ CONCRETE SIDEWALK, 4" THICK
 - ④ 4" BED COURSE MATERIAL, GRADING D-1
 - ⑤ STANDARD CURB & GUTTER, TYPE 1
 - ⑥ 4" HOT MIX ASPHALT, TYPE II; CLASS B

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00207/0956038	2019	E9	9



3 SINGLE DIRECTION CURB RAMP
 PLAN VIEW



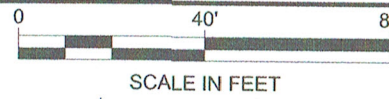
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HNS HWY RESURFACE:
ALLEN ROAD TO MP 0.7**

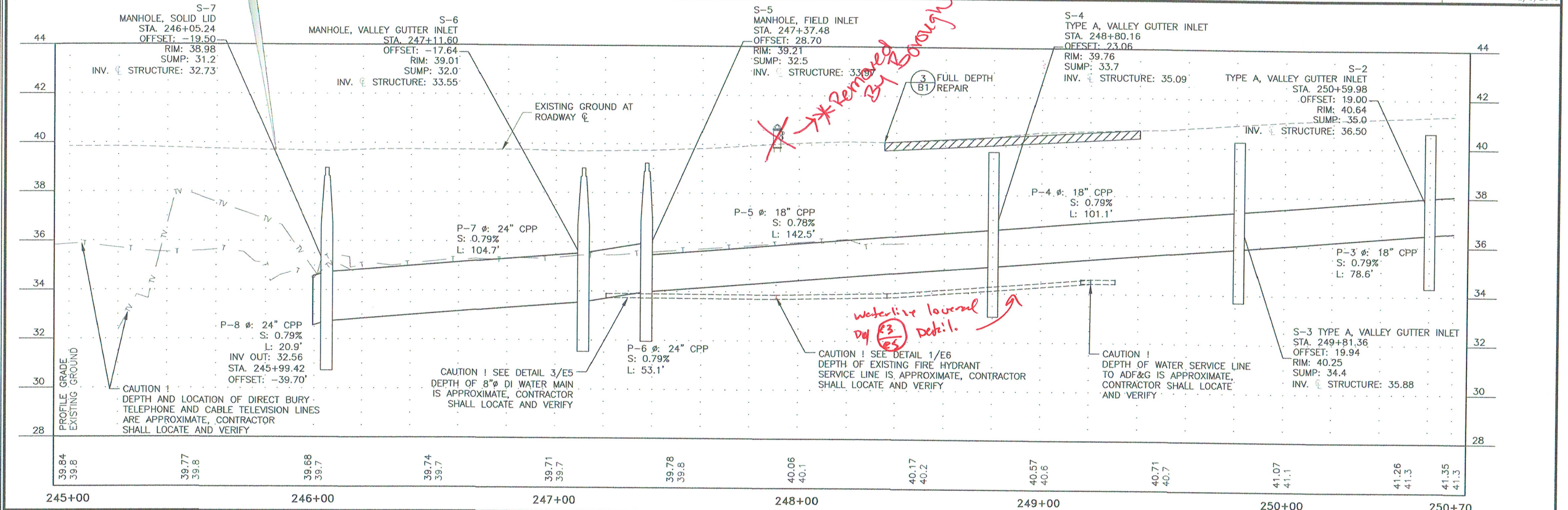
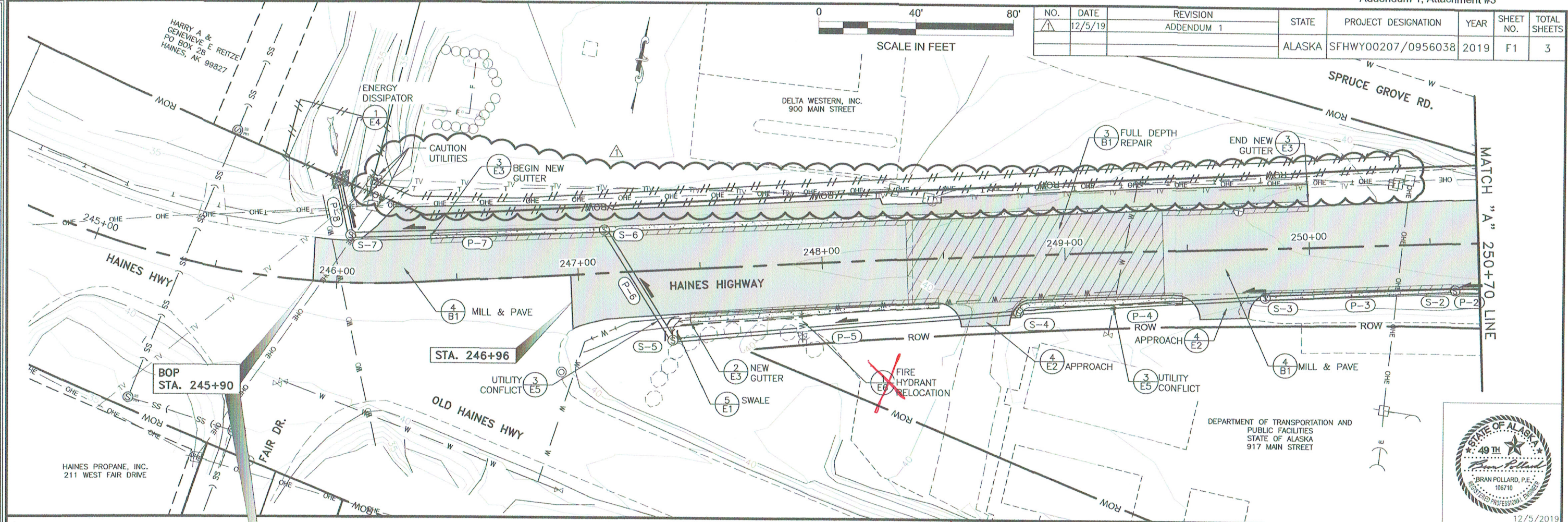
MISCELLANEOUS DETAILS

7/16/2019

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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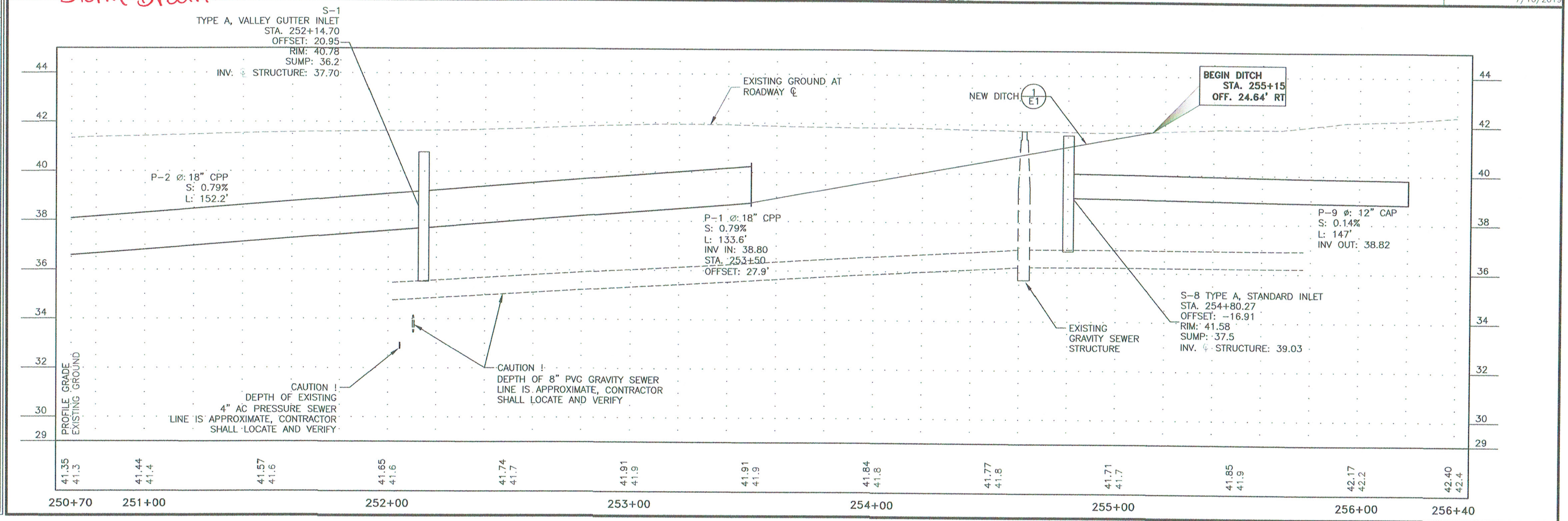
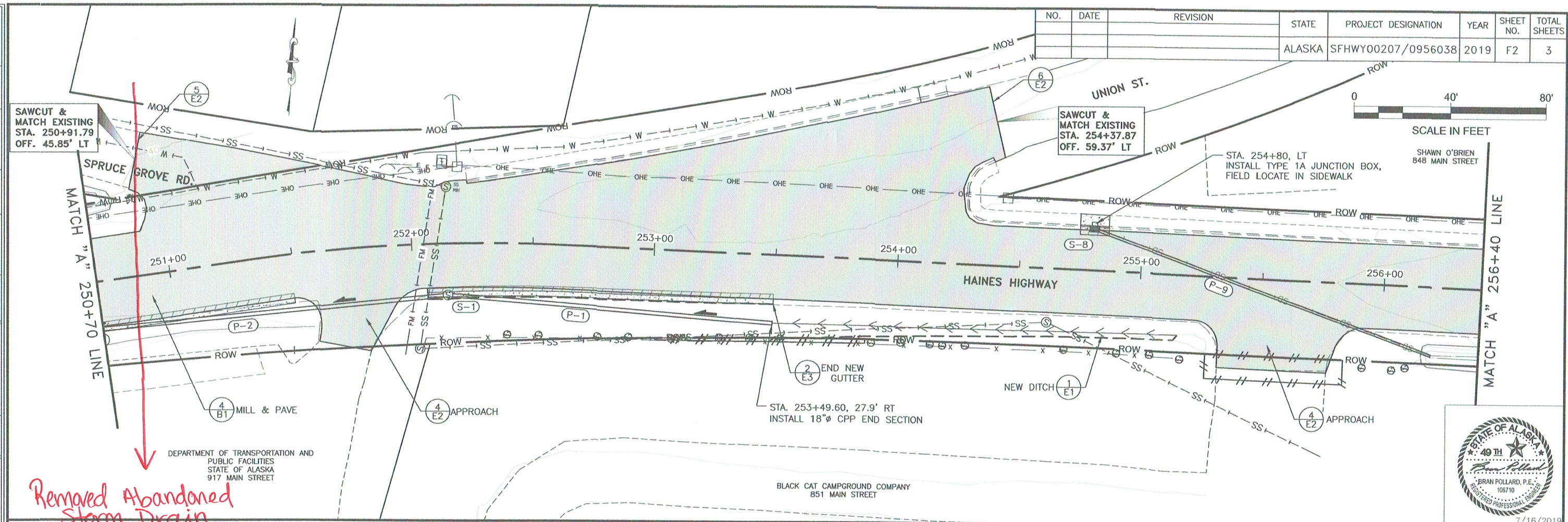


FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 465-1763
 DESIGNED STAFF
 CHECKED STAFF
 DRAFTED STAFF
 CERTIFICATE OF AUTH #
 DATE 12/5/2019 10:30
 LAYOUT F1
 FILE Q:\hns\sfhwy00207\PlanSet\SFHWHY00207_F1.dwg



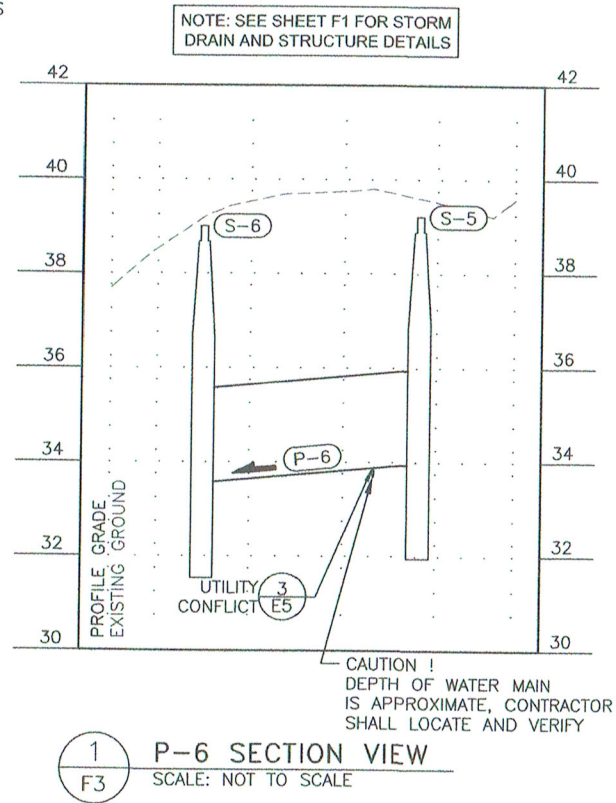
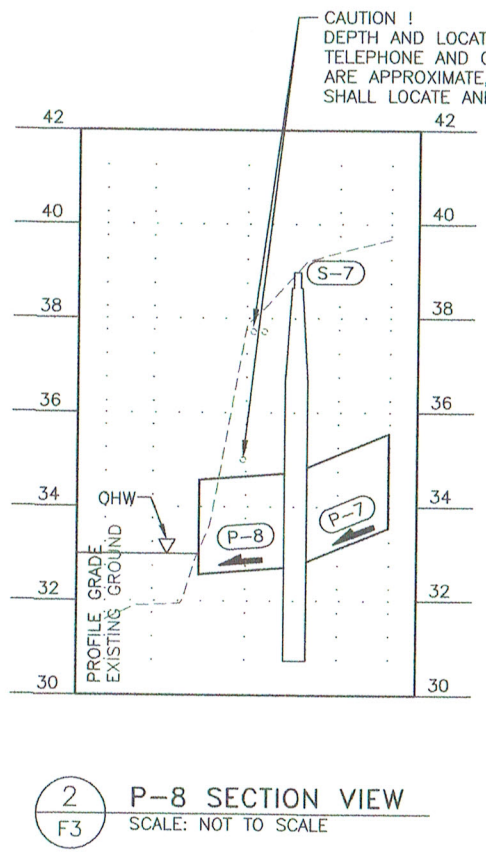
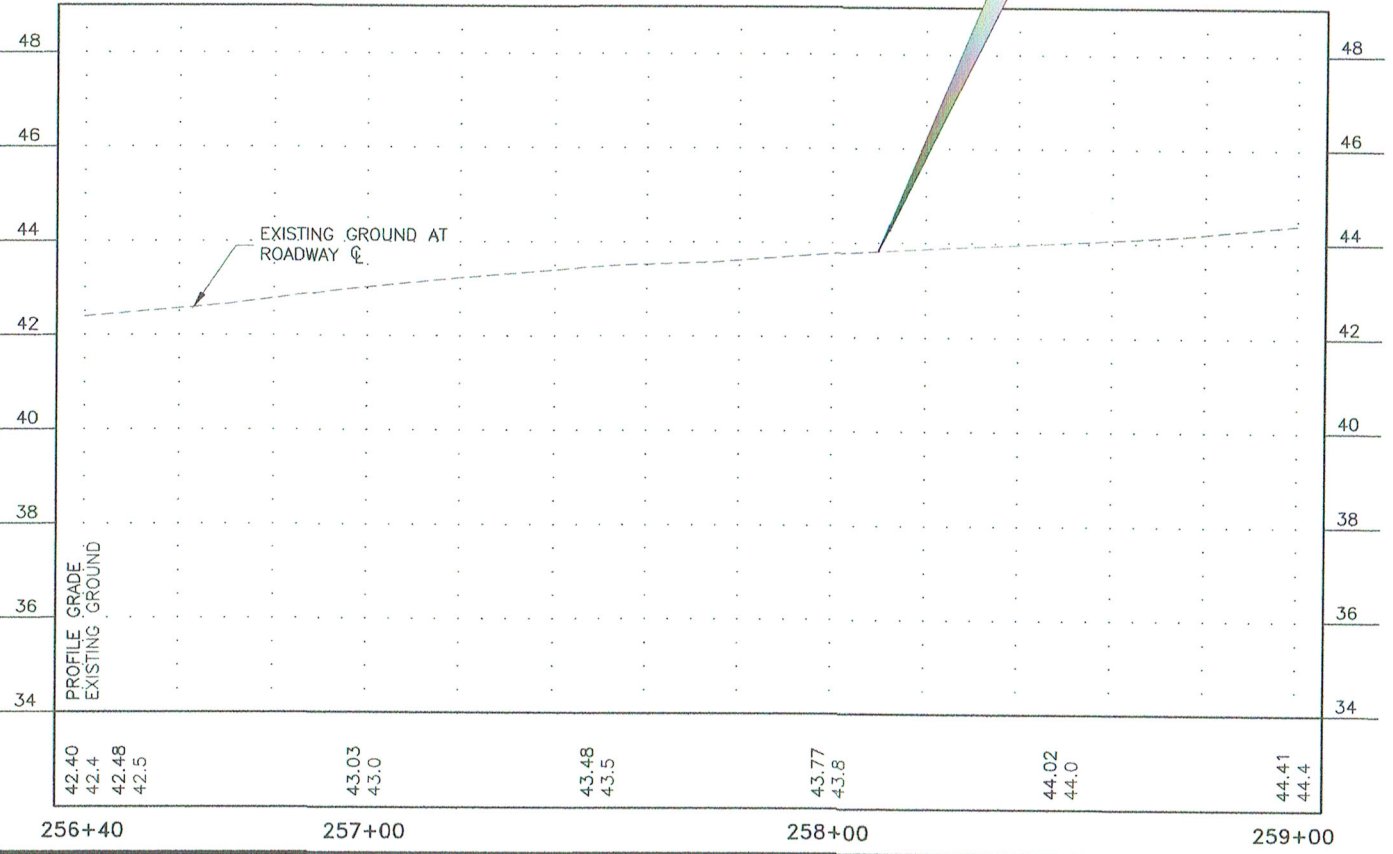
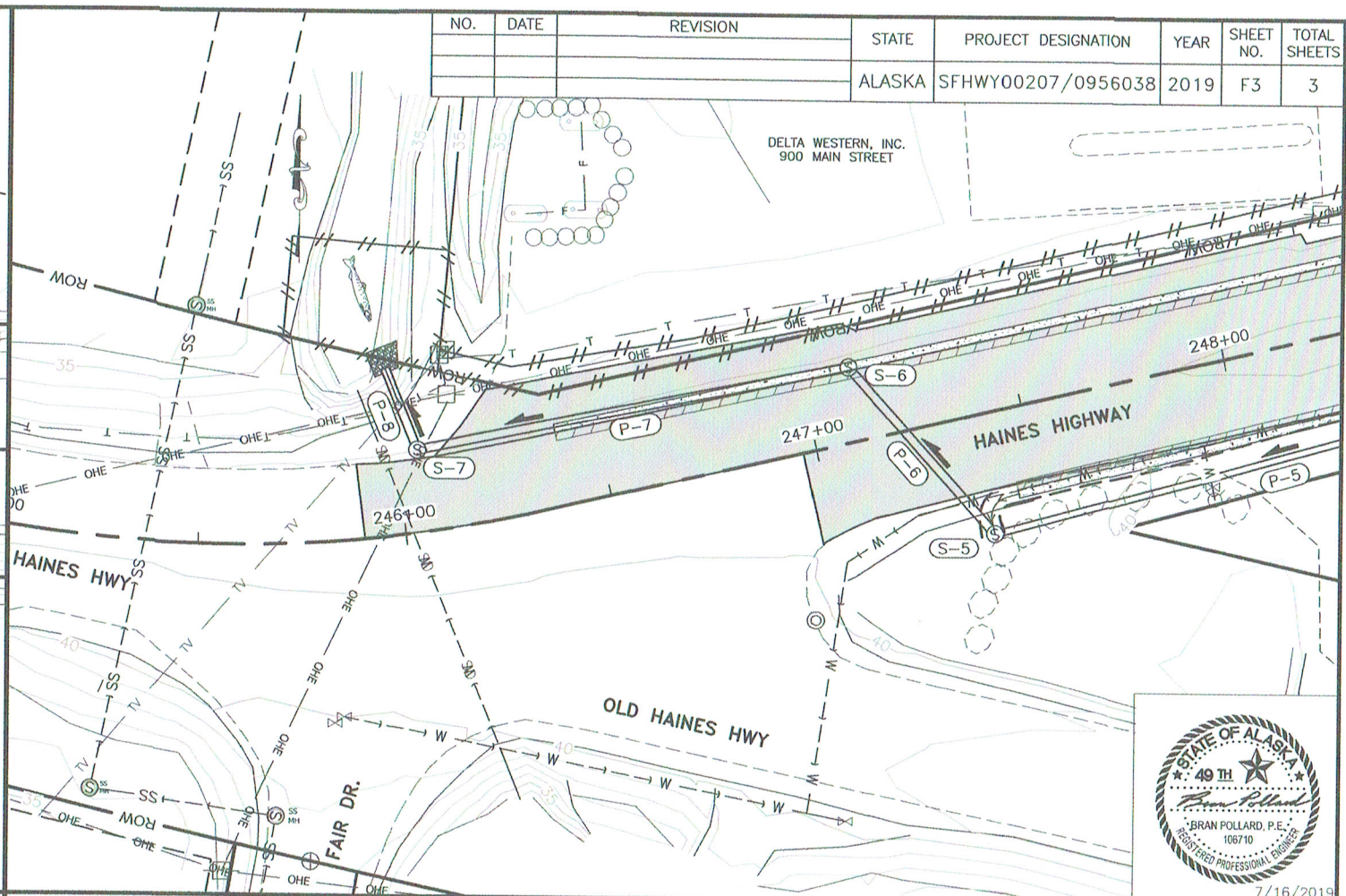
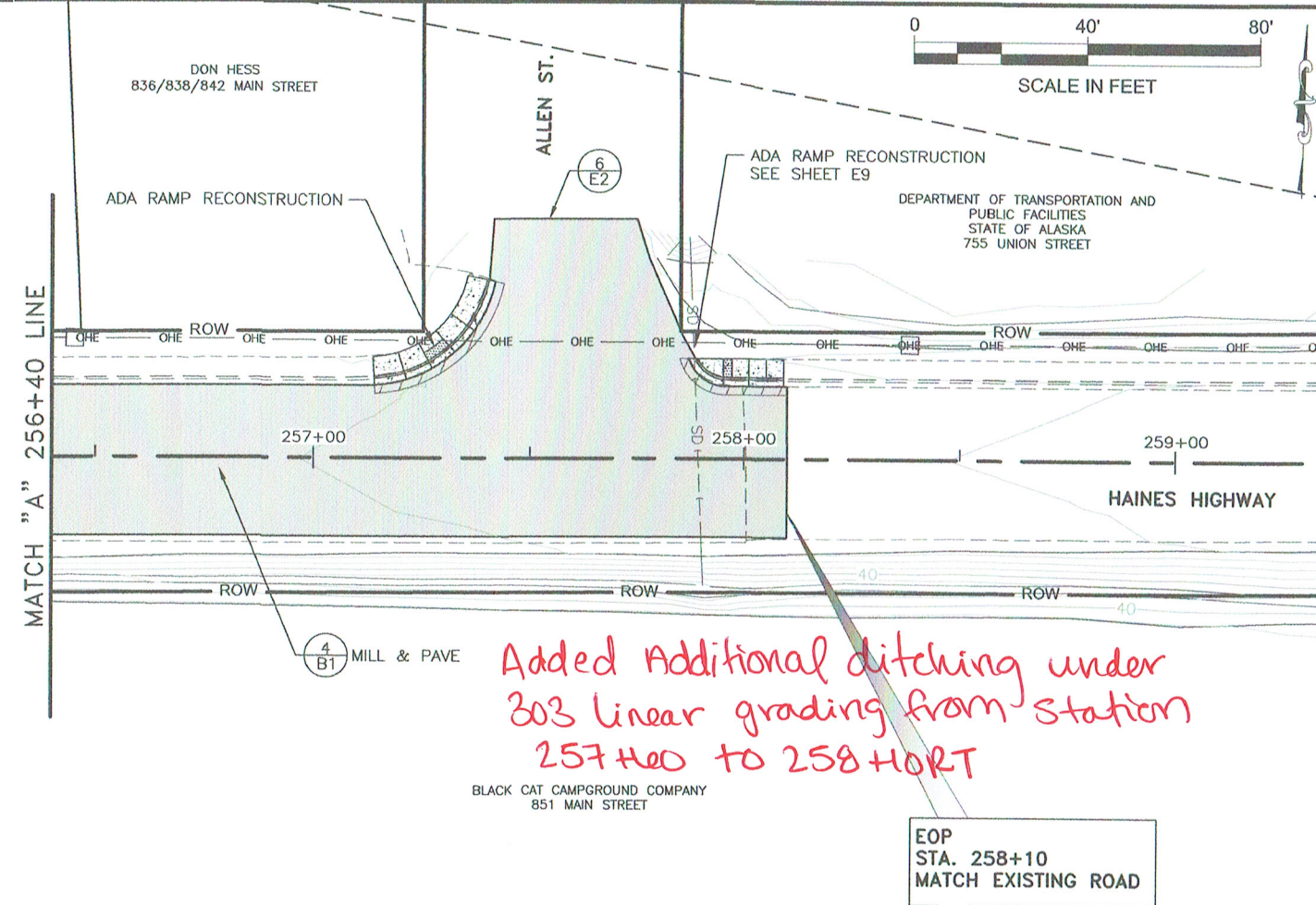
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 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 465-1763
 DESIGNED STAFF F2
 LAYOUT F2
 DATE 7/16/2019 11:11
 CHECKED STAFF
 DRAFTED STAFF
 CERTIFICATE OF AUTH #
 FILE G:\Vms\sfhwy00207\p1\sheet\sfhwy00207_F1.dwg

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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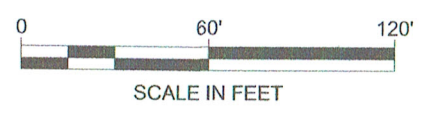
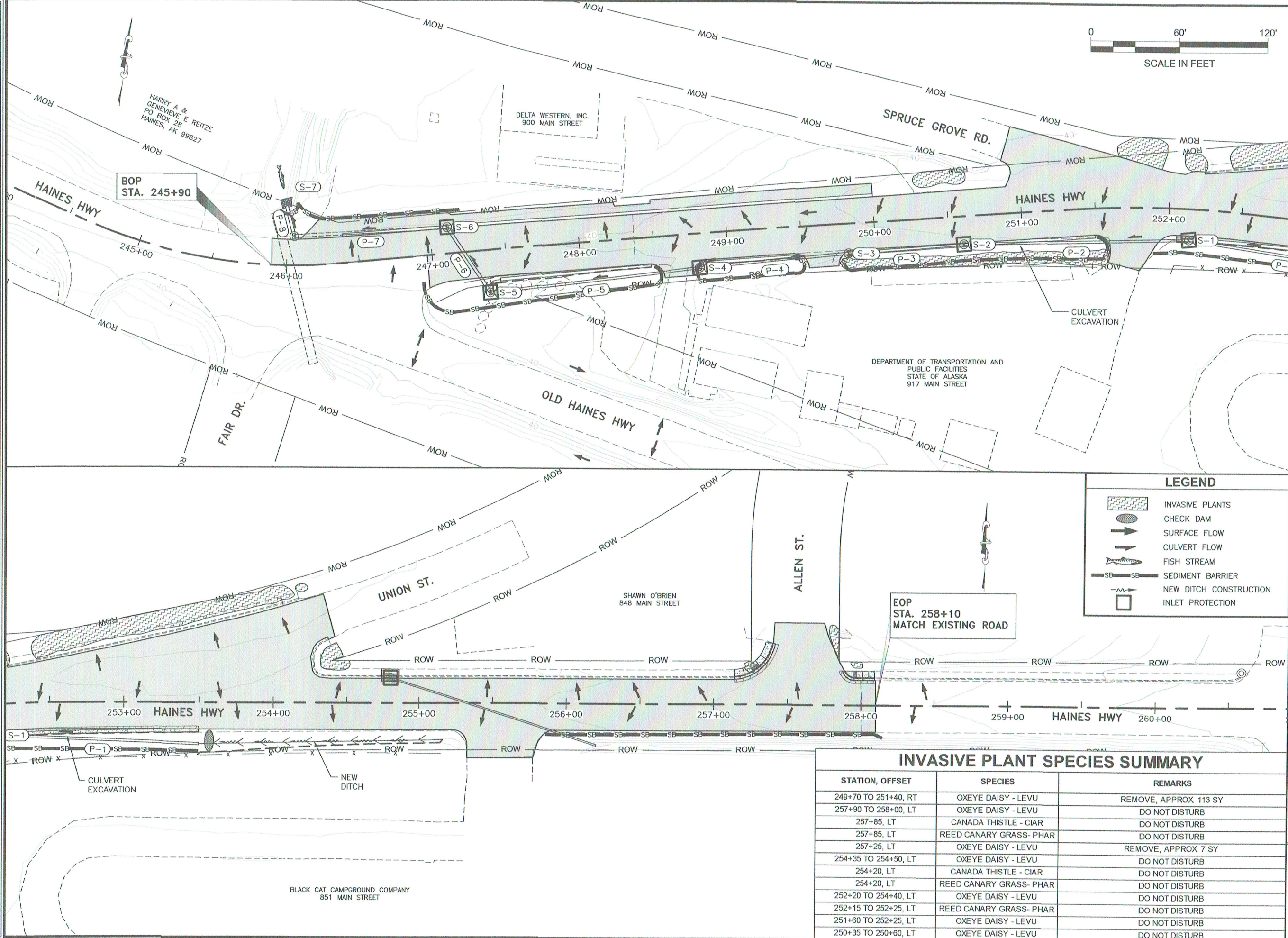


FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 465-1763
 DESIGNED STAFF
 CHECKED STAFF
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWY00207/0956038	2019	F3	3



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SHEET NO.	TOTAL SHEETS
Q1	2
STATE	YEAR
ALASKA	2019
PROJECT DESIGNATION	
SFHWY00207/0956038	
ADDENDUM NO.	
ATTACHMENT NO.	

REVISIONS		
NO.	DATE	DESCRIPTION

LEGEND	
	INVASIVE PLANTS
	CHECK DAM
	SURFACE FLOW
	CULVERT FLOW
	FISH STREAM
	SEDIMENT BARRIER
	NEW DITCH CONSTRUCTION
	INLET PROTECTION

INVASIVE PLANT SPECIES SUMMARY		
STATION, OFFSET	SPECIES	REMARKS
249+70 TO 251+40, RT	OXEYE DAISY - LEVU	REMOVE, APPROX 113 SY
257+90 TO 258+00, LT	OXEYE DAISY - LEVU	DO NOT DISTURB
257+85, LT	CANADA THISTLE - CIAR	DO NOT DISTURB
257+85, LT	REED CANARY GRASS- PHAR	DO NOT DISTURB
257+25, LT	OXEYE DAISY - LEVU	REMOVE, APPROX 7 SY
254+35 TO 254+50, LT	OXEYE DAISY - LEVU	DO NOT DISTURB
254+20, LT	CANADA THISTLE - CIAR	DO NOT DISTURB
254+20, LT	REED CANARY GRASS- PHAR	DO NOT DISTURB
252+20 TO 254+40, LT	OXEYE DAISY - LEVU	DO NOT DISTURB
252+15 TO 252+25, LT	REED CANARY GRASS- PHAR	DO NOT DISTURB
251+60 TO 252+25, LT	OXEYE DAISY - LEVU	DO NOT DISTURB
250+35 TO 250+60, LT	OXEYE DAISY - LEVU	DO NOT DISTURB

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

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
6860 GLACIER HWY, JUNEAU, AK 99811
(907) 465-1763

HNS HWY
RESURFACE--ALLEN
ROAD TO MP 0.7
EROSION &
SEDIMENT CONTROL
PLAN

FILE: q:\hns\sfhwy0207\plan\set\SFHWY0207_H1.dwg DATE: 7/16/2019 13:37 LAYOUT: H2 DESIGNED: STAFF CHECKED: STAFF DRAFTED: STAFF

SHEET NO.	TOTAL SHEETS
H2	2
STATE	YEAR
ALASKA	2019

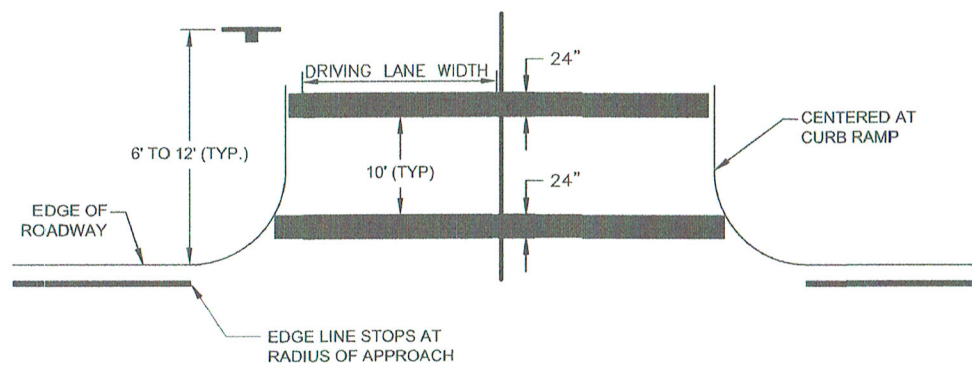
PROJECT DESIGNATION
SFHWY0207/0956038

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

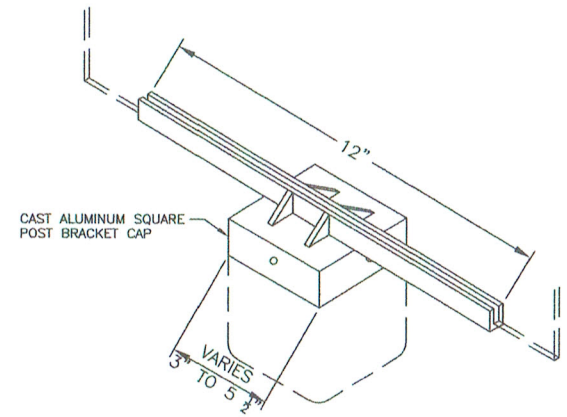
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1 CROSSWALK DETAIL 1
SCALE: NOT TO SCALE

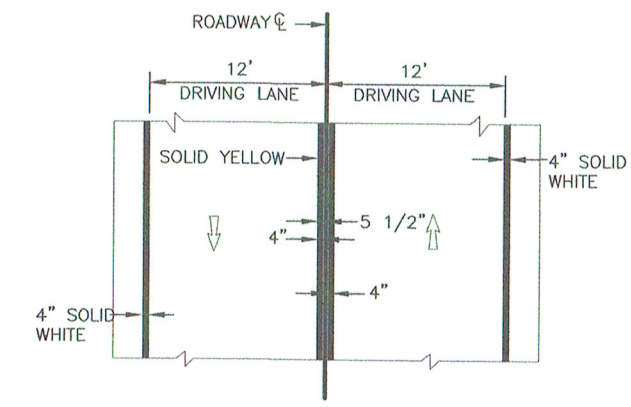
NOTES:

1. STOP SIGN IS OFFSET FROM APPROACH CENTERLINE PER S-05.01.
2. STRIPE TO CENTERLINE OF APPROACH.



2 HEAVY DUTY SIGN TO POST BRACKET
SCALE: NOT TO SCALE

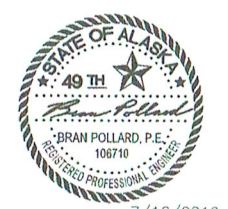
1. THIS REPLACES DETAIL SHOWN ON STD. S-20.10.



3 STRIPING DETAIL
SCALE: NOT TO SCALE

615.0001.0000 STANDARD SIGN

SIGN NO.	LEGEND	STA	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	SIGN FACING	REMARKS
1	Spruce Grove Rd	250+86	R	D3-1	48	8	2.67	2.5 PST	E-W	USE A DOUBLE-SIDED SIGN. USE 4" UC/3" LC C-FONT
2	STOP	"	"	R1-1	30	30	6.25	"	W	MOUNT BELOW "Spruce Grove Rd" SIGN
3	YIELD	252+50	L	R1-2	36	-	3.90	2.5 PST	NE	
4	< TRUCK ROUTE	253+10	R	R14-101*	30	42	8.75	2.5 PST	W	*MODIFIED FROM STANDARD, DIAGONAL ARROW
5	SPEED LIMIT 25	"	"	R2-1	30	36	7.50	"	"	MOUNT BELOW "TRUCK ROUTE" SIGN



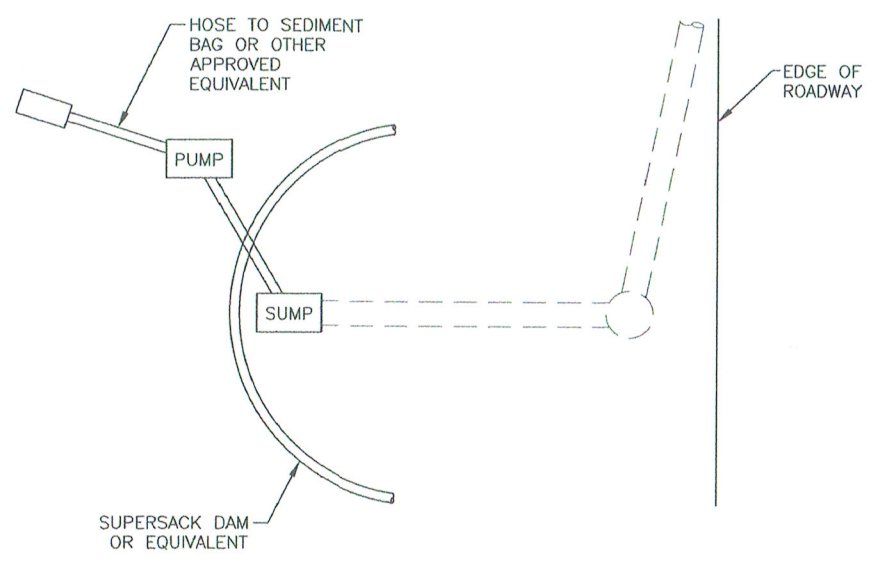
7/16/2019
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
6860 GLACIER HWY, JUNEAU, AK 99811
(907) 465-1763

HNS HWY
RESURFACE-ALLEN
ROAD TO MP 0.7

SIGNING & STRIPING
DETAILS

FILE | G:\Hns\sfhwy00207\Planset\SFHW00207_Q2.dwg | DATE | 6/13/2019 10:43 | LAYOUT | Q2 | DESIGNED | RW, DD | CHECKED | CC, LC | DRAFTED | JT, RW, DD

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00207/0956038	2019	Q2	2



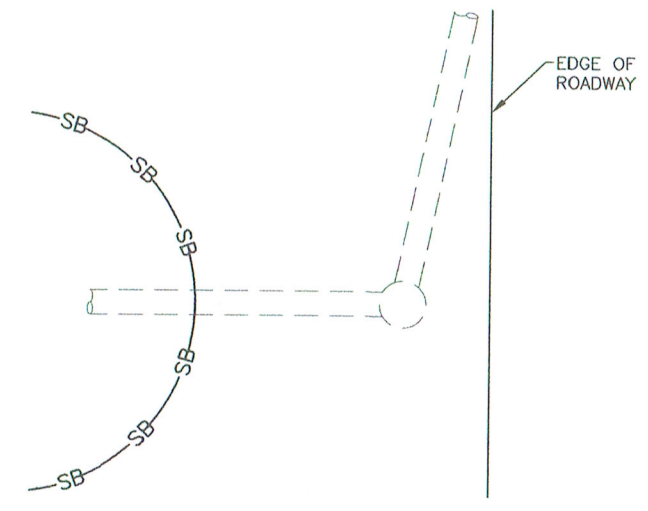
NOTE: DEWATER AND DISCHARGE MUST MEET WATER QUALITY STANDARDS.

SUPERSACK DAM PLACEMENT AT P-8

NTS

SEDIMENT BAG NOTES:

1. THE SEDIMENT BAG IS INTENDED TO CONTROL SEDIMENT DISCHARGE IN DEWATERING APPLICATIONS WHERE WATER IS BEING PUMPED.
2. REPLACE THE UNIT WHEN 1/2 FULL OF SEDIMENT OR WHEN SEDIMENT HAS REDUCED THE FLOW RATE TO AN IMPRACTICAL RATE.



FIBER ROLL PLACEMENT AFTER CULVERT INSTALLATION

NTS

<p>ESCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1120.7.3 DATED NOVEMBER 15, 2013</p>	<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p>HNS HWY RESURFACE: ALLEN ROAD TO MP 0.7</p> <p>EROSION & SEDIMENT CONTROL DETAILS</p>
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