

B.O.P. ~~35~~
 STA. 6+50 TO 28+50
 BEGIN 2" COLD PLANING OF
 EXISTING ASPHALT AND REPLACE
 WITH 2" OF NEW ASPHALT

STA. 28+50 TO 88+50
 BEGIN REMOVAL OF EXISTING 2"
 ASPHALT AND 2 INCHES OF
 CRUSHED ROCK AGGREGATE BASE
 AND REPLACE WITH 4" ASPHALT

STA. 88+50 TO EOP
 BEGIN 2" OVERLAY

E.O.P.
 STA. 128+65
 END 2" OVERLAY

PORT

Hoonah Harbor

FREDERICK

FERRY TERMINAL

Pitt Is.

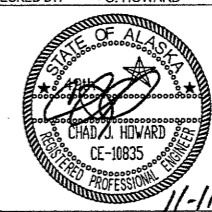
GARTEENI HWY.

HOONAH AIRPORT

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 1/9/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD



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

HOONAH FERRY
 TERMINAL TO AIRPORT
 PAVEMENT
 REHABILITATION
 PROJECT #68909

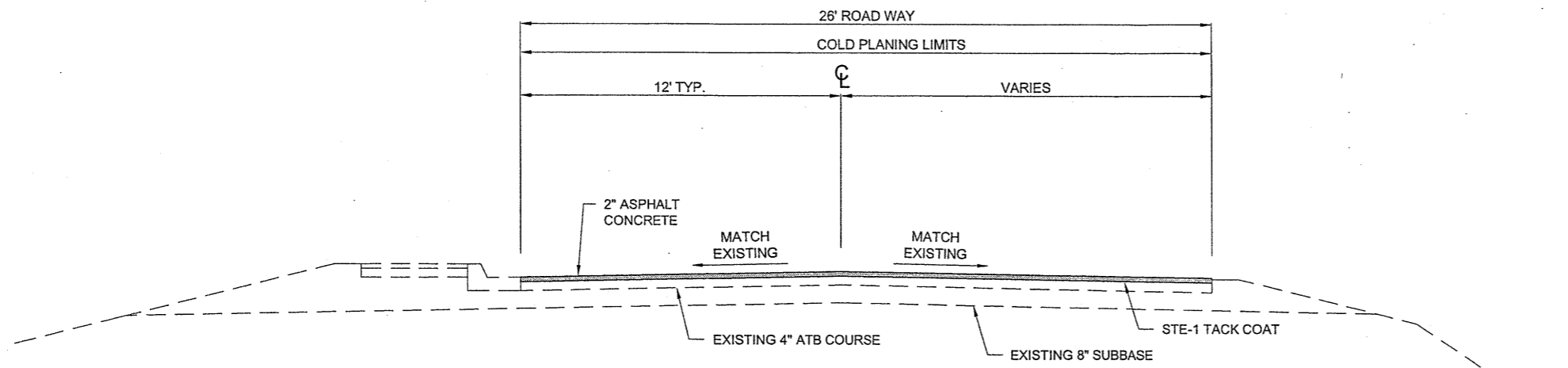
PROJECT LAYOUT PLAN

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

PATH: Q:\HNH168909\PLANSET\68909_A2_LAYOUT.DWG
 TAB: A2 Tuesday, November 10, 2009 3:27:53 PM GRANHAM, RICK L (DOT)

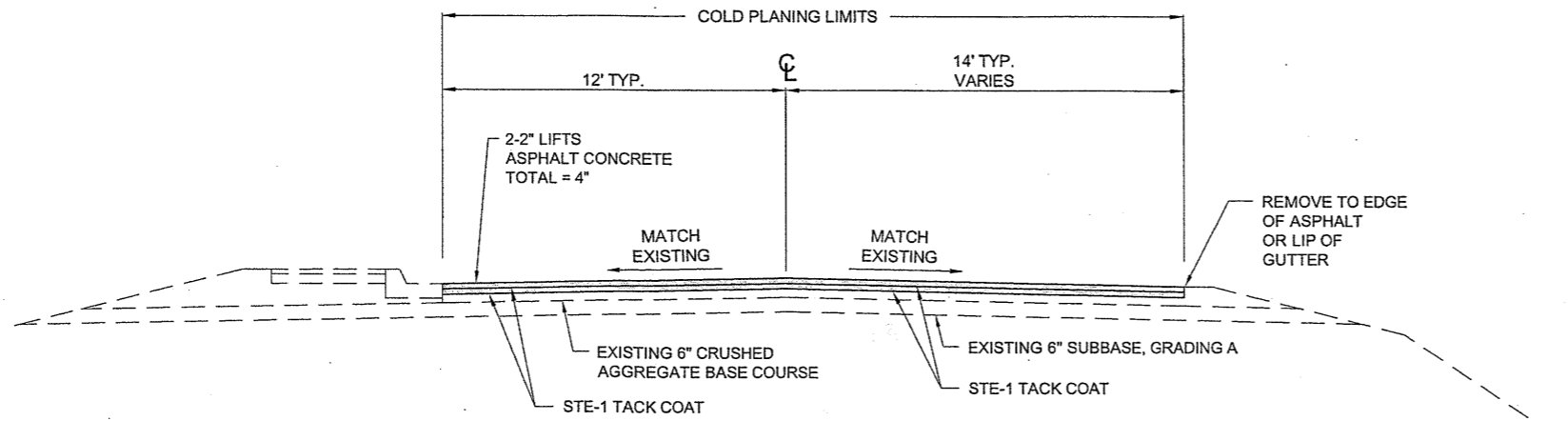
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
STP-0918(7)-68909	2009	A2	22



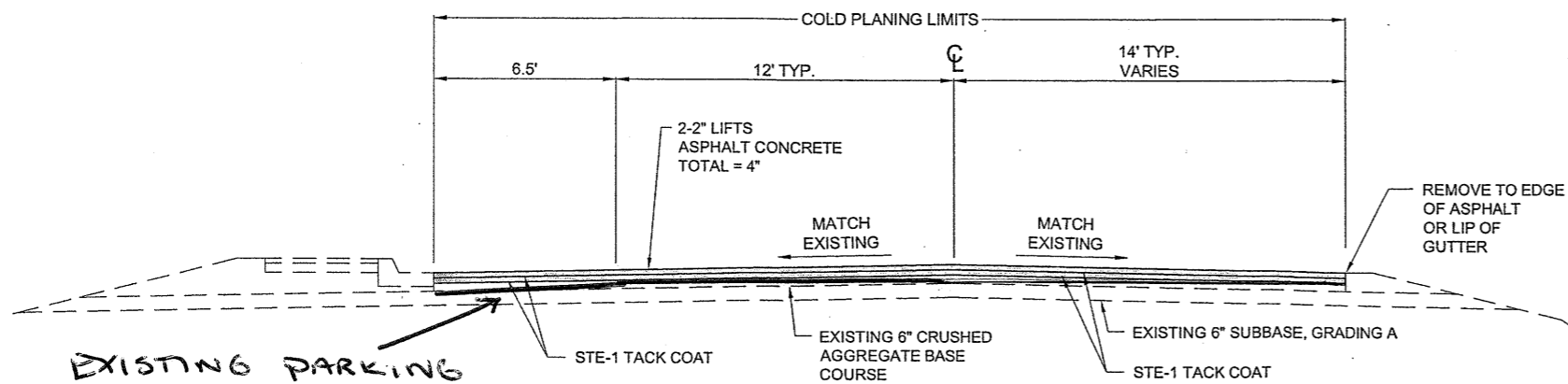
B.O.P. STA. 6+50 TO STA. 28+50

COLDPLANE 2 INCHES OF EXISTING ASPHALT AND REPLACE WITH 2 INCHES OF TYPE II CLASS B ASPHALT CONCRETE.



STA. 28+50 TO STA. 35+00 CHANGE ORDER # 3

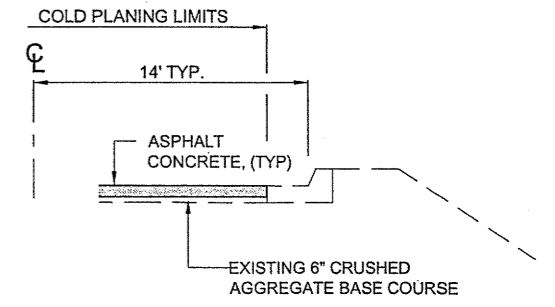
COLD PLANE 2 INCHES OF EXISTING ASPHALT PLUS 2 INCHES INTO EXISTING AGGREGATE BASE COURSE AND REPLACE WITH 4 INCHES OF TYPE II, CLASS B ASPHALT CONCRETE AT TWO 2" LIFTS. **TOTAL 4" ASPHALT REMOVAL & REPLACEMENT**



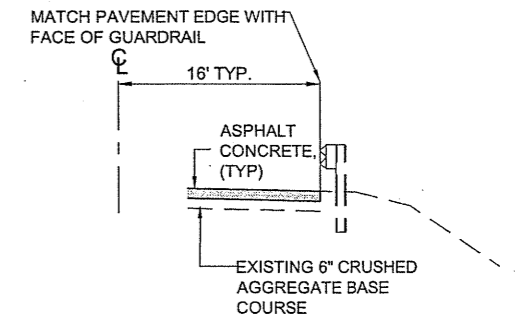
STA. 35+00 TO STA. 75+50 CHANGE ORDER # 3

COLD PLANE 2 INCHES OF EXISTING ASPHALT PLUS 2 INCHES INTO EXISTING AGGREGATE BASE COURSE AND REPLACE WITH 4 INCHES OF TYPE II, CLASS B ASPHALT CONCRETE AT TWO 2" LIFTS. **TOTAL 4" ASPHALT REMOVED.**

EXISTING PARKING LANE HAD MORE CROWN TO IT CHANGE ORDER # 3



CURB & GUTTER DETAIL
RIGHT SIDE VARIOUS LOCATIONS



GUARDRAIL DETAIL

1. STA. 33+80 TO 40+80 GUARDRAIL SLATED FOR REMOVAL.
2. DO NOT PAVE UNDER GUARDRAIL.

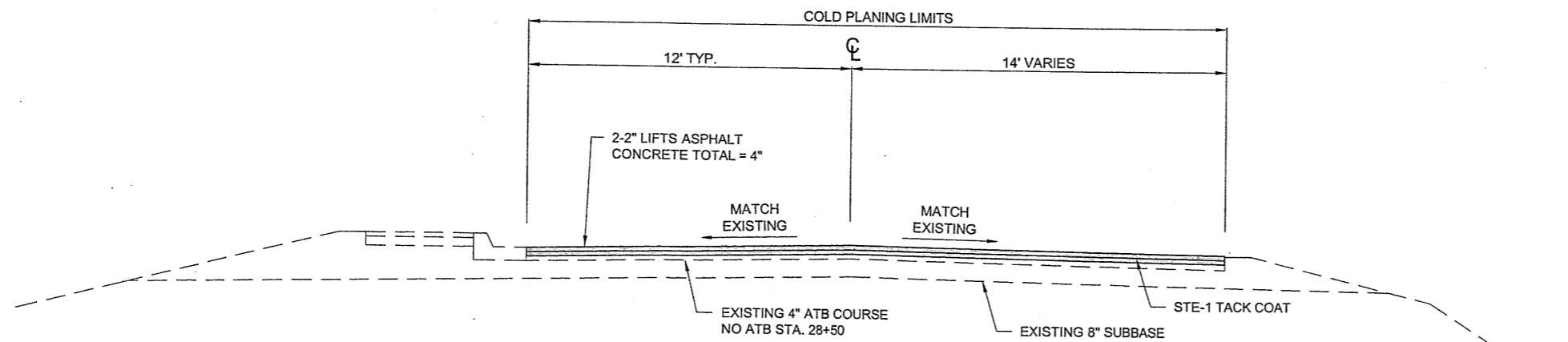
TYPICAL SECTION NOTES:

1. TYPE II CLASS B ASPHALT CONCRETE WILL BE USED.
2. TACK COATING SHALL COMPLY WITH 401-3.07 OF THE ALASKA DOT / PF STANDARD SPECIFICATIONS, AND SPECIAL PROVISIONS.
3. SEE PLANS FOR CONCRETE PATCHES REMOVAL, ENGINEER WILL MAKE FINAL DECISION FOR LIMITS AND REPAIRS.
4. MATCH EXISTING GRADES AND CROSS-SLOPES.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION
DESIGNED BY: D. MULLINER	HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909
DRAWN BY: R. GRANTHAM	TYPICAL SECTIONS
PATH: Q:\HNH168909\PLANSET\168909_B-TYPICAL.DWG	REVISIONS
TAB: B1 Tuesday, November 10, 2009 3:28:26 PM GRANHAM, RICK L (DOT)	NO. DATE DESCRIPTION
	PROJECT DESIGNATION YEAR SHEET NO. TOTAL SHEETS
	STP-0918(7)-68909 2009 B1 22

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

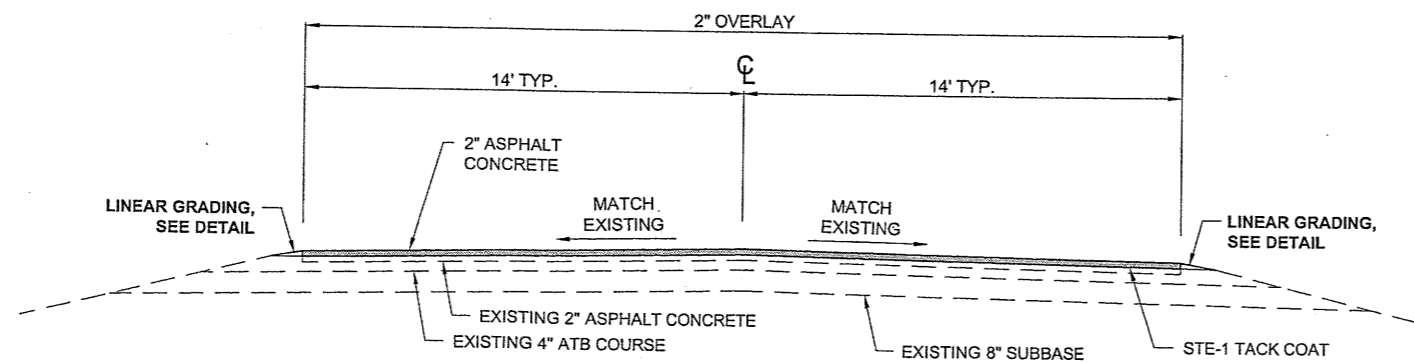


STA. 75+50 TO STA. 88+50

COLD PLANE 2 INCHES OF EXISTING ASPHALT PLUS 2 INCHES INTO EXISTING AGGREGATE-BASE COURSE AND REPLACE WITH 4 INCHES OF TYPE II CLASS B ASPHALT CONCRETE AT 2-2" LIFTS.

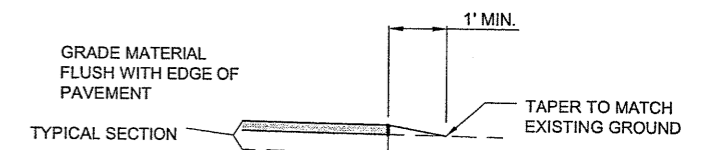
CHANGE ORDER #3

**4" ASPHALT REMOVED & REPLACED
NO EXISTING AGG. BASE COURSE EXPOSED
EXPECT ASPHALT IN THIS AREA TO
BE 5" TO 6" THICK.**



STA. 88+50 TO 128+65 E.O.P.

2" OVERLAY

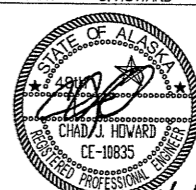


LINEAR GRADING DETAIL
LEFT AND RIGHT EDGE OF PAVEMENT

NOTES:

1. MATERIAL FOR LINEAR GRADING SHALL MATCH THE REQUIREMENTS OF AGGREGATE BASE COURSE D-1 OR RAM.
2. LINEAR GRADING SHALL BE PAID FOR UNDER ITEM 303(3).
3. GRADE MATERIAL FLUSH WITH EDGE OF PAVEMENT.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION			
		HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909			
		TYPICAL SECTIONS			
DESIGNED BY: D. MULLINER	DATE: 11-11-09	PROJECT DESIGNATION		YEAR	SHEET NO.
DRAWN BY: R. GRANTHAM		STP-0918(7)-68909		2009	B2
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GRANTHAM, RICK L (DOT)		PROJECT DESIGNATION		YEAR	SHEET NO.
REVISIONS		STP-0918(7)-68909		2009	B2
NO.	DATE	DESCRIPTION		YEAR	SHEET NO.
				2009	22

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

Chad J. Howard Date 11/12

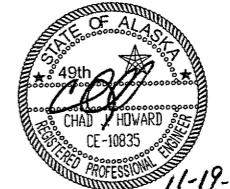
ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	150 123
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	1200 843
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	1500 1410
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	100 5110
203 (19)	SUBGRADE REPAIR	CONTINGENT SUM	ALL REQUIRED
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	200 0
303 (3)	LINEAR GRADING	STATION	28 106
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	7230
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	434
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	17.51
408 (1)	PAVEMENT COLD PLANNING	SQUARE YARD	38300
604 (4)	ADJUST EXISTING MANHOLE	EACH	24
604 (8)	INLET FRAME AND GRATE ADJUSTMENT	EACH	23
604 (9)	INLET FRAME GRATE REPLACEMENT	EACH	17
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	20 24
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	50 41
606 (13)	DOWNSTREAM END ANCHOR	EACH	2
608 (1a)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	140 278
608 (1b)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	760
608 (6)	CURB RAMP	EACH	13
608 (7)	SIDEWALK RECONDITIONING	LINEAR FOOT	2000 644
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	1600
615 (1)	STANDARD SIGN	SQUARE FOOT	300 246
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	31
638 (1)	WATTLE	LINEAR FOOT	400
639 (3)	DRIVEWAY	EACH	52 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 (2)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED
641 (5)	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
641 (6)	INLET PROTECTION	EACH	20 22
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642 (3)	THREE PERSON SURVEY PARTY	HOURLY	5
642 (11)	ADJUST EXISTING MONUMENT	EACH	29
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
643 (29)	CULTURAL RESOURCE BARRIER	LINEAR FOOT	220
644 (1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED
644 (2)	FIELD LABORATORY	LUMP SUM	ALL REQUIRED
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED
670 (8)	RECESSED PAVEMENT MARKER	EACH	190

202(13) SELECTIVE SIDEWALK REMOVAL LS CO #1
 608(10) SIDEWALK & RD REALIGNMENT LS CO #1
 608(8) ADDITIONAL CURB RAMP LS CO #2
 627(11) REPLACEMENT OF WATER VALVE LS CO #2
 408(1A) ADDITIONAL COLD PLANNING LS CO #3
 301(5) AGG. BASE COURSE, GRADING LS CO #4
 644(7) VEHICLE REPAIR LS CO #4
 642(13) SHOULDER MONUMENTS LS CO #5

CHANGE ORDER #3

BASIS OF ESTIMATE		
ITEM NO.	ITEM	ESTIMATING FACTOR
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	120 LBS./S.Y./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/S.Y. (243 GAL/TON)

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909	
DESIGNED BY: D. MULLINER DRAWN BY: R. GRANTHAM		ESTIMATE OF QUANTITIES	
PATH: Q:\HNH\68909\PLANS\EST\68909_C-ESTIMATES.DWG TAB: C1 Thursday, November 19, 2009 11:11:17 AM GRANTHAM, RICK L (DOT)		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	YEAR
			2009
			C1
			22

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *Tracy Berg* Date 1/7/12

639(3) DRIVEWAY				
STATION	OFFSET	WIDTH (ft)	LENGTH (ft)	REMARKS
35+38	LT	18	4	INSTALL ADA CONCRETE DRIVEWAY
35+64	LT	18	4	INSTALL ADA CONCRETE DRIVEWAY (MANHOLE IN DRIVEWAY)
36+10	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
37+30	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
37+74	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
38+24	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
39+61	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
40+07	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
40+58	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
41+59	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
45+12	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
45+66	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
47+26	LT	26	6	INSTALL ADA CONCRETE DRIVEWAY
49+92	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
50+40	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
50+82	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
51+17	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
52+19	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
54+83	LT	22	6	INSTALL ADA CONCRETE DRIVEWAY
55+27	LT	20	6	INSTALL ADA CONCRETE DRIVEWAY
55+66	LT	16	6	INSTALL ADA CONCRETE DRIVEWAY
57+15	LT	16	6	INSTALL ADA CONCRETE DRIVEWAY
58+09	LT	14	6	INSTALL ADA CONCRETE DRIVEWAY
58+41	LT	15	6	INSTALL ADA CONCRETE DRIVEWAY
58+96	LT	15	6	INSTALL ADA CONCRETE DRIVEWAY
61+11	LT	39	6	INSTALL ADA CONCRETE DRIVEWAY
63+61	LT	17	6	INSTALL ADA CONCRETE DRIVEWAY
64+62	LT	23	6	INSTALL ADA CONCRETE DRIVEWAY
66+00	LT	27	6	INSTALL ADA CONCRETE DRIVEWAY
69+52	LT	15	6	INSTALL ADA CONCRETE DRIVEWAY
70+00	LT	19	6	INSTALL ADA CONCRETE DRIVEWAY
71+04	LT	19	6	INSTALL ADA CONCRETE DRIVEWAY
71+70	LT	17	6	INSTALL ADA CONCRETE DRIVEWAY
72+76	LT	16	6	INSTALL ADA CONCRETE DRIVEWAY
73+62	LT	18	6	INSTALL ADA CONCRETE DRIVEWAY
74+24	LT	16	6	INSTALL ADA CONCRETE DRIVEWAY
88+82	LT	12	5	INSTALL ASPHALT APRON
90+28	RT	14	5	INSTALL ASPHALT APRON
92+05	LT	20	5	INSTALL ASPHALT APRON
92+51	RT	14	5	INSTALL ASPHALT APRON
94+03	LT	20	5	INSTALL ASPHALT APRON
94+91	RT	20	5	INSTALL ASPHALT APRON
95+79	LT	20	5	INSTALL ASPHALT APRON
98+15	RT	13	5	INSTALL ASPHALT APRON
99+40	LT	24	5	INSTALL ASPHALT APRON
101+06	RT	24	5	INSTALL ASPHALT APRON
101+75	RT	20	5	INSTALL ASPHALT APRON
101+82	LT	24	5	INSTALL ASPHALT APRON
105+17	LT	14	5	INSTALL ASPHALT APRON
106+02	RT	14	5	INSTALL ASPHALT APRON
108+00	LT	24	5	INSTALL ASPHALT APRON
111+10	RT	14	5	INSTALL ASPHALT APRON

606(6) REMOVING AND DISPOSING OF GUARDRAIL				
BEGIN STATION	END STATION	LENGTH	REMARKS	
33+80	40+65	35		
34+15	40+80	15		

604 (9) INLET GRATE REPLACEMENT		
STATION	OFFSET	REMARKS
66+80	LT	

604 (8) INLET GRATE ADJUSTMENT		
STATION	OFFSET	REMARKS
51+38	LT	
55+65	LT	

PLANNED QUANTITY = 29
REPLACEMENT QUANT = 8

642(11) ADJUST EXISTING MONUMENT CASE			
STATION	NOTE	REMARKS	PROPOSED MON
10+42.96	GONE	CL-PT-MON	
12+00.04	GONE	CL-PC-MON	
14+00.04	GONE	CL-PT-MON	14+20 EXISTING
17+07.11	GONE	CL-PC-MON	
19+07.11	GONE	CL-PT-MON	
20+53.88	GONE	CL-PC-MON	21+93
24+43.66	GONE	CL-PT-MON	
27+31.61	GONE	CL-PC-MON	27+78
29+39.36	GONE	CL-PT-MON	
34+21.19	EXISTING	CL-PC-MON	32+04
36+09.86	EXISTING	CL-PT-MON	
37+09.21	EXISTING / DAMAGE	CL-PC-MON	37+10
39+59.81	EXISTING	CL-PT-MON	
41+95.64	EXISTING	CL-PC-MON	42+60
43+06.44	EXISTING / DAMAGE	CL-PT-MON	
45+51.03	EXISTING / DAMAGE	CL-PC-MON	45+77
47+87.38	EXISTING / DAMAGE	CL-PT-MON	
48+78.77	EXISTING	CL-PC-MON	
49+57.07	EXISTING	CL-PT-MON	49+54
51+00.02	EXISTING / DAMAGE	CL-PC-MON	
52+78.24	EXISTING / DAMAGE	CL-PT-MON	
55+29.90	EXISTING	CL-PC-MON	
58+20.54	EXISTING / DAMAGE	CL-PT-MON	
60+89.01	EXISTING	CL-PC-MON	60+54
64+64.33	EXISTING	CL-PT-MON	
75+33.57	GONE	CL-PC-MON	
79+36.42	GONE	CL-PT-MON	
83+75	SHOULDER	11 RT (MONUMENT CASE SET IN CONCRETE)	
118+20	SHOULDER	12 RT (MONUMENT CASE SET IN CONCRETE)	

PER CHANGE ORDER #5

627(10) ADJUSTMENT OF VALVE BOX		
STATION	OFFSET	REMARKS
19+28	9.50 LT	
28+23	4.5 RT	
29+99	7.5 RT	
31+60	4.5 RT	
34+61	5 LT	
38+89	6 LT	
39+02	8 LT	
39+11	6 LT	
44+53	15 LT	
44+60	19 LT	
44+67	15 LT	
45+35	4.5 LT	
49+33	13 LT	
53+81	9 RT	
54+01	8.5 RT	
54+31	8.5 RT	
54+50	15 LT	
58+11	8 RT	
59+78	12 LT	
59+92	12 LT	
60+15	12 LT	
68+46	9 LT	
68+51	11.5 LT	
68+59	9 LT	
85+55	10 LT	
85+58	10 LT	
88+67	15 LT	
88+95	10 LT	
90+28	10 LT	
92+00	13 LT	
94+92	12 LT	

SE

604(4) ADJUSTMENT OF EXISTING MANHOLES		
STATION	OFFSET	REMARKS
19+25	10 RT	
27+14	7 LT	
34+00	12 RT	
42+83	11 LT	
42+90	2 LT	
46+65	10 RT	
50+10	2 LT	
52+12	6 LT	
53+75	4 LT	
56+67	10 RT	
59+42	CL	
59+58	6 LT	
59+95	CL	
61+23	2 LT	
62+57	2 RT	
64+17	CL	
66+54	CL	
68+50	28 LT	MANHOLE (NEXT TO SIDEWALK RAMP)
68+57	2 RT	
71+65	4 RT	
73+74	CL	
89+05	11 LT	
93+50	11 LT	
95+40	11 LT	

638 (1) WATTLE				
BEGIN STATION	END STATION	OFFSET	LENGTH	REMARKS
85+60	86+40	LT	100	DALTON CREEK
85+60	86+40	RT	100	DALTON CREEK
118+80	119+60	LT	100	SHOTTER CREEK
118+70	119+50	RT	100	SHOTTER CREEK

641 (6) INLET PROTECTION					
STATION	OFFSET	REMARKS	STATION	OFFSET	REMARKS
17+66	LT		55+65	LT	
23+46	LT		56+45	LT	
26+60	LT		57+75	LT	
33+08	RT		60+58	LT	
44+20	RT		66+80	LT	BROKEN
44+28	LT		67+76	LT	
45+85	LT		70+39	LT	
47+00	LT		72+11	LT	
48+25	RT		79+65	LT	
51+38	LT		82+40	LT	

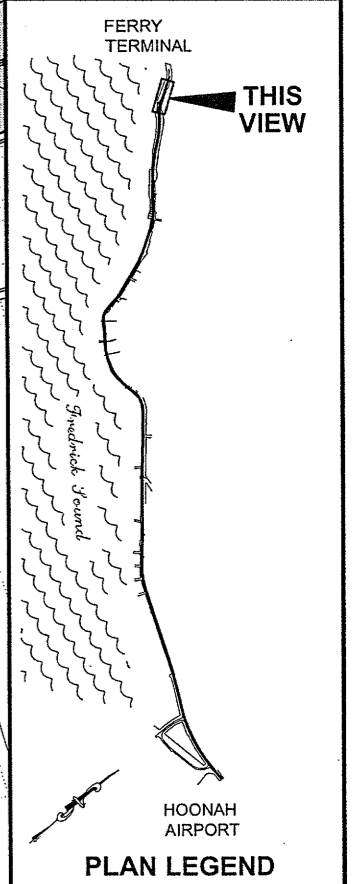
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	DESIGNED BY: D. MULLINER	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909
	DRAWN BY: R. GRANTHAM	
PATH: Q:\HNH168909\PLANSET\68909_D-SUMMARIES.DWG TAB: D1 Tuesday, November 10, 2009 4:45:20 PM GRANTHAM, RICK L (DOT)		SUMMARIES PROJECT DESIGNATION: STP-0918(7)-68909 YEAR: 2009 SHEET NO.: D1 TOTAL SHEETS: 22
REVISIONS NO. DATE DESCRIPTION		

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE [Signature] Date 1/9/12

* SEE PAY ITEM FILES FOR QUANTITY ADJUSTMENTS
ITEM 639(3)

GRANTHAM, RICK L (DOT)		
TAB: F1	Tuesday, November 10, 2009 4:20:4	
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD

DESIGNED BY: D. MULLINER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

HOONAH, ALASKA
FERRY TERMINAL TO AIRPORT
PAVEMENT REHABILITATION
PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION
HNH - STP-0918(7)-68909

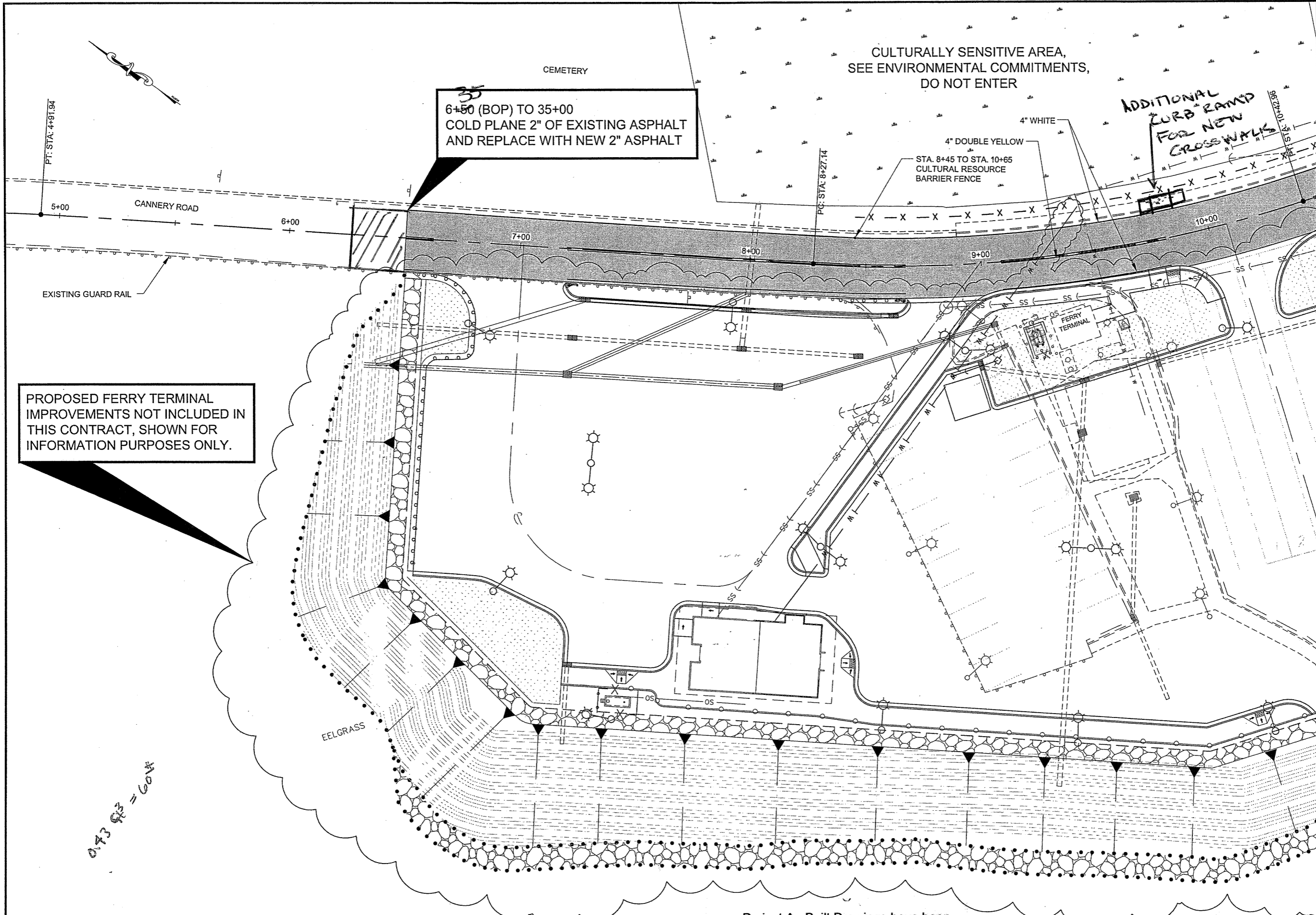
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F1	22

CULTURALLY SENSITIVE AREA,
SEE ENVIRONMENTAL COMMITMENTS,
DO NOT ENTER

6+50 (BOP) TO 35+00
COLD PLANE 2" OF EXISTING ASPHALT
AND REPLACE WITH NEW 2" ASPHALT

ADDITIONAL
CURB RAMP
FOR NEW
CROSSWALK

4" DOUBLE YELLOW
4" WHITE
STA. 8+45 TO STA. 10+65
CULTURAL RESOURCE
BARRIER FENCE



PROPOSED FERRY TERMINAL
IMPROVEMENTS NOT INCLUDED IN
THIS CONTRACT, SHOWN FOR
INFORMATION PURPOSES ONLY.

0.73 @ 3' = 60%

PLAN

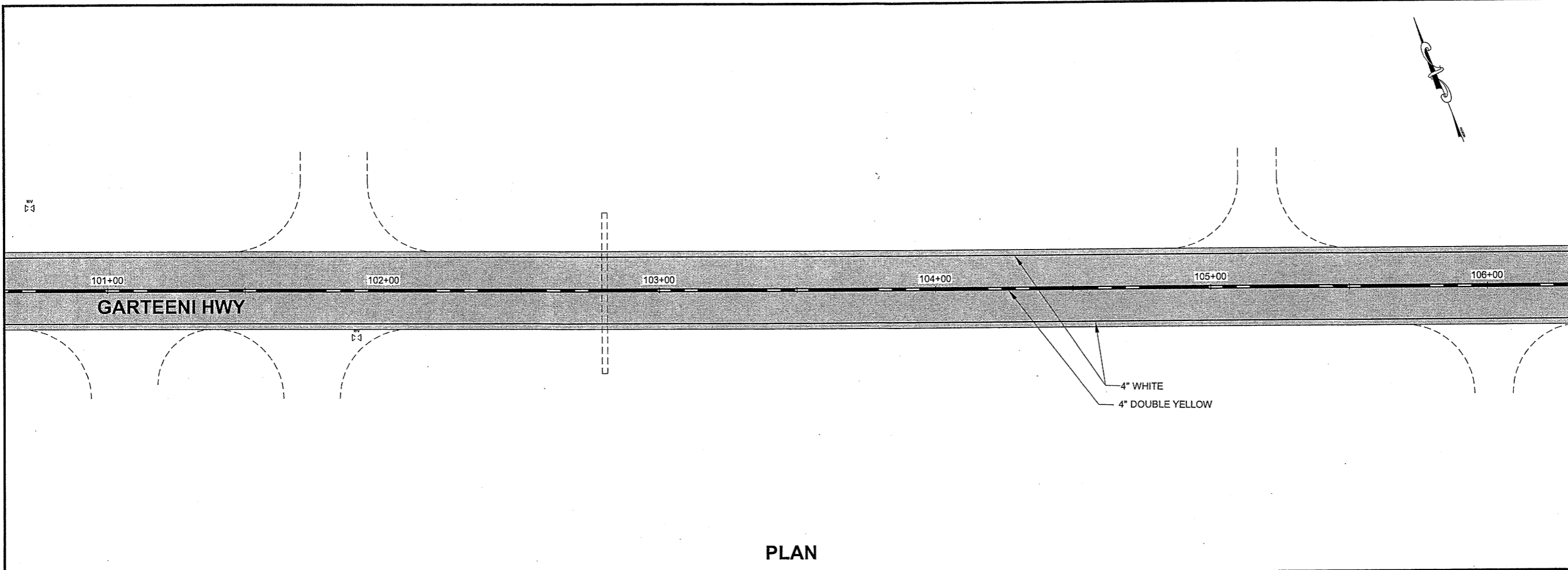
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

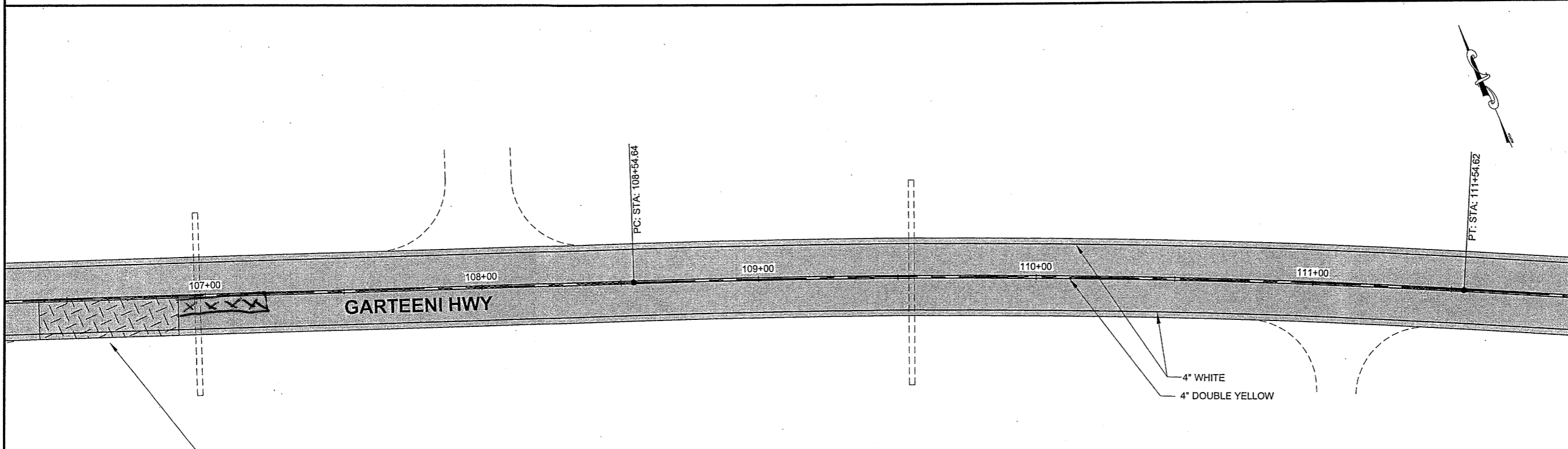
PE Date 1/1/12

MULLINER, DOUGLAS J (DOT)
 TAB: F10 Wednesday, November 04, 2009 2:5

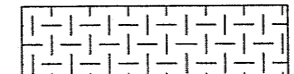
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN



COLD PLANE SPOT REPAIR
 14' X 50'

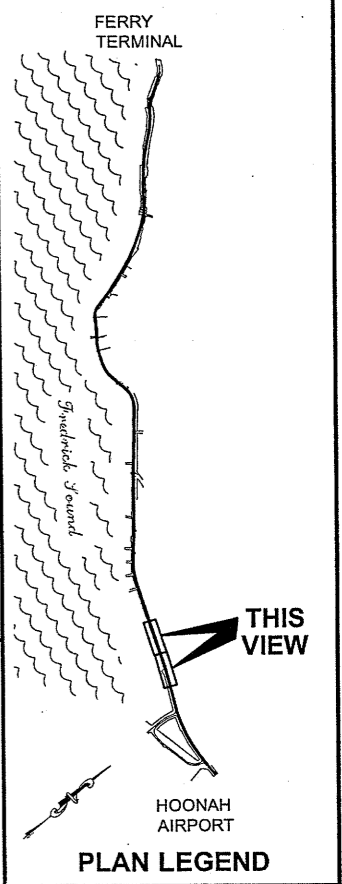


COLD PLANING LIMITS

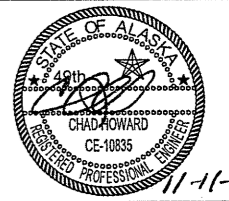
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PLAN PE *Jim Berg* Date *1/9/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



CHECKED BY: C. HOWARD



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

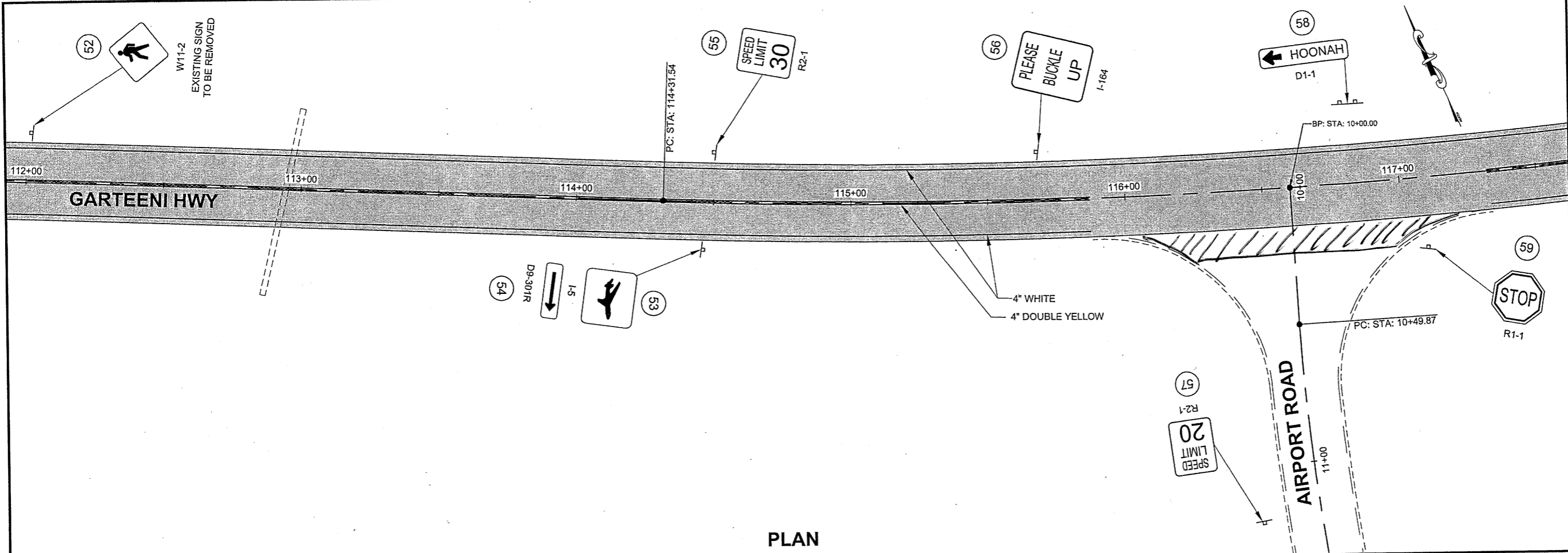
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION
 HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909

PLAN VIEW

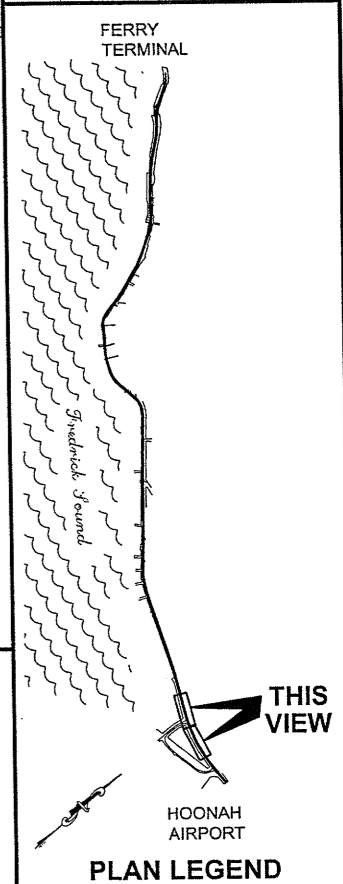
PROJECT DESIGNATION	
HNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F10	22

MULLINER, DOUGLAS J (DOT)
 TAB: F11 Wednesday, November 04, 2009 2:54
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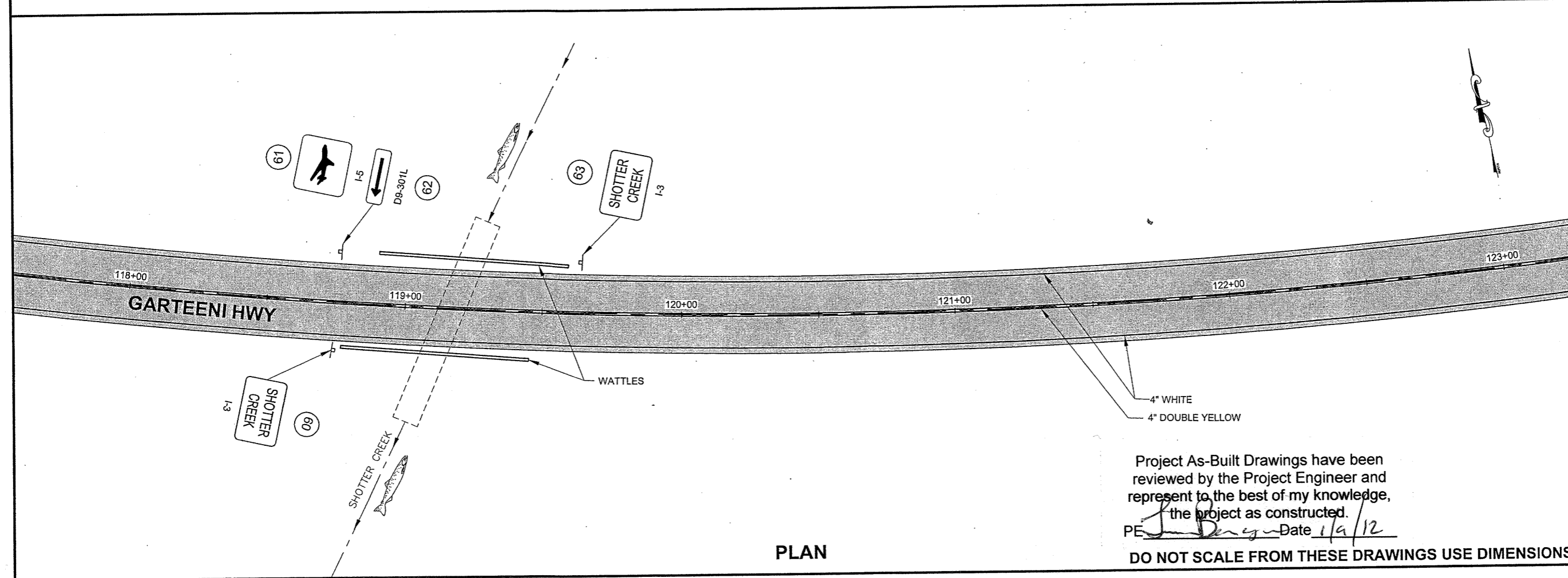
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN



PLAN LEGEND



PLAN

CHECKED BY: C. HOWARD

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

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

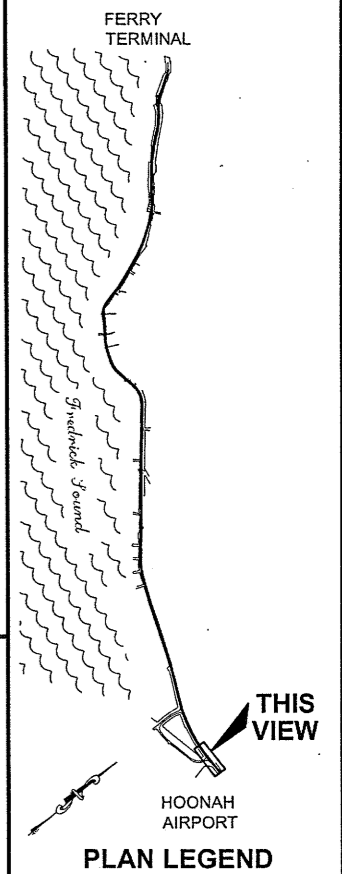
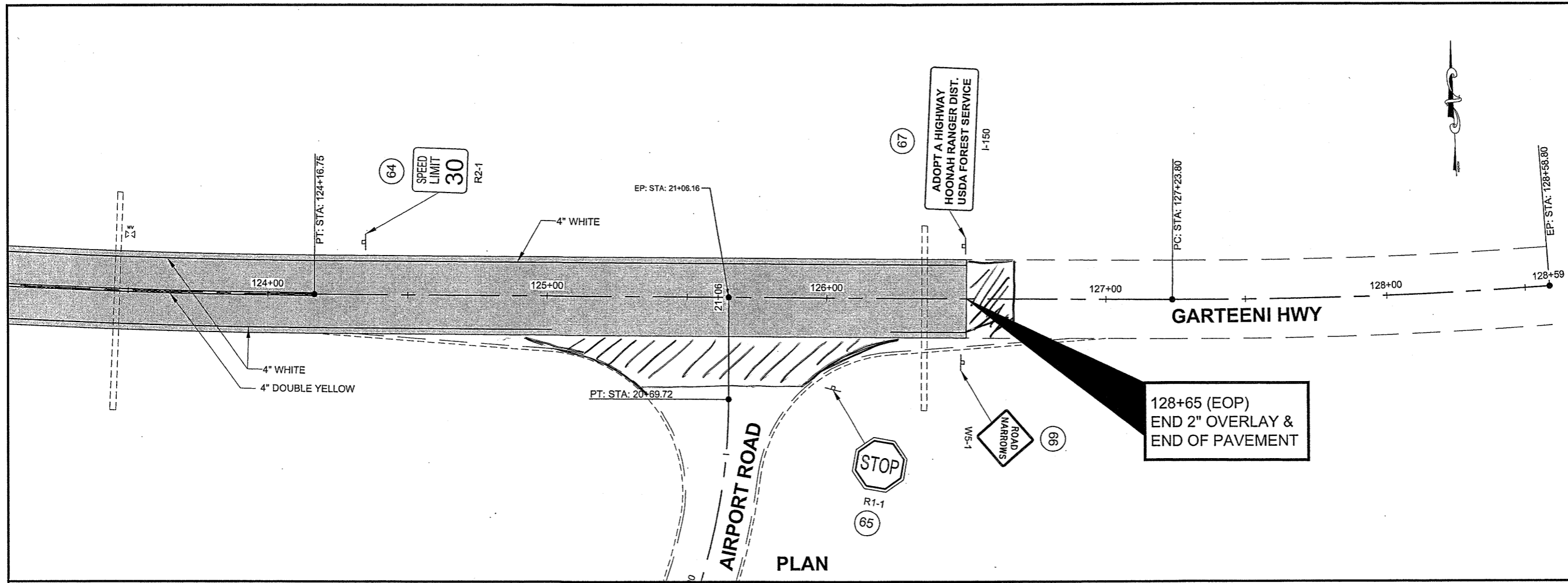
PLAN VIEW

PROJECT DESIGNATION	
HNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F11	22

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 1/9/12

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ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD

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

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

HONNAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION	
HNNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F12	22

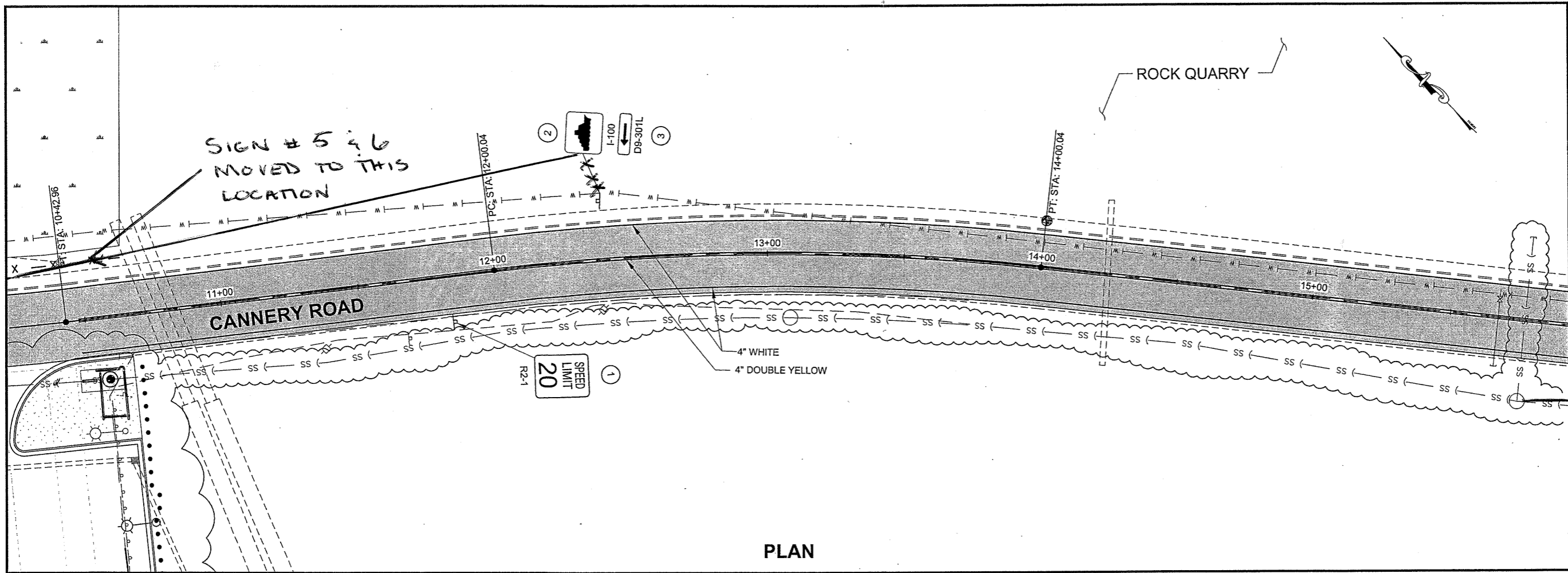
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE *Jim Bergman* Date *1/9/12*

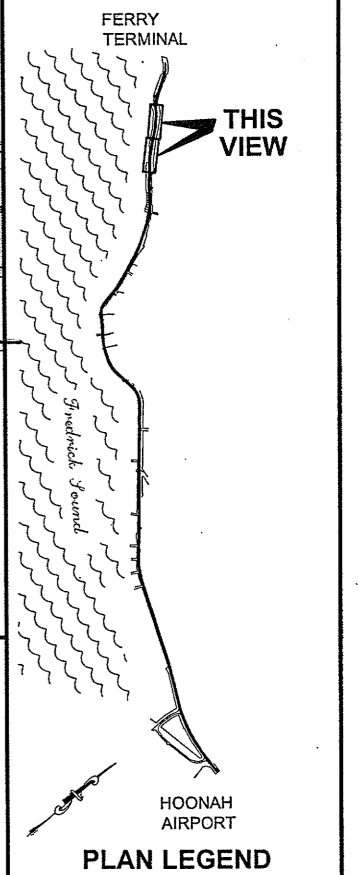
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

GRANTHAM, RICK L (DOT)
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 ATTACHMENT NUMBER

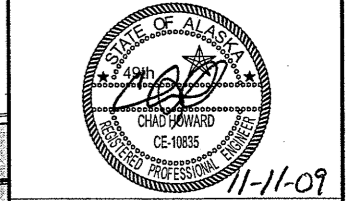
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN



CHECKED BY: C. HOWARD

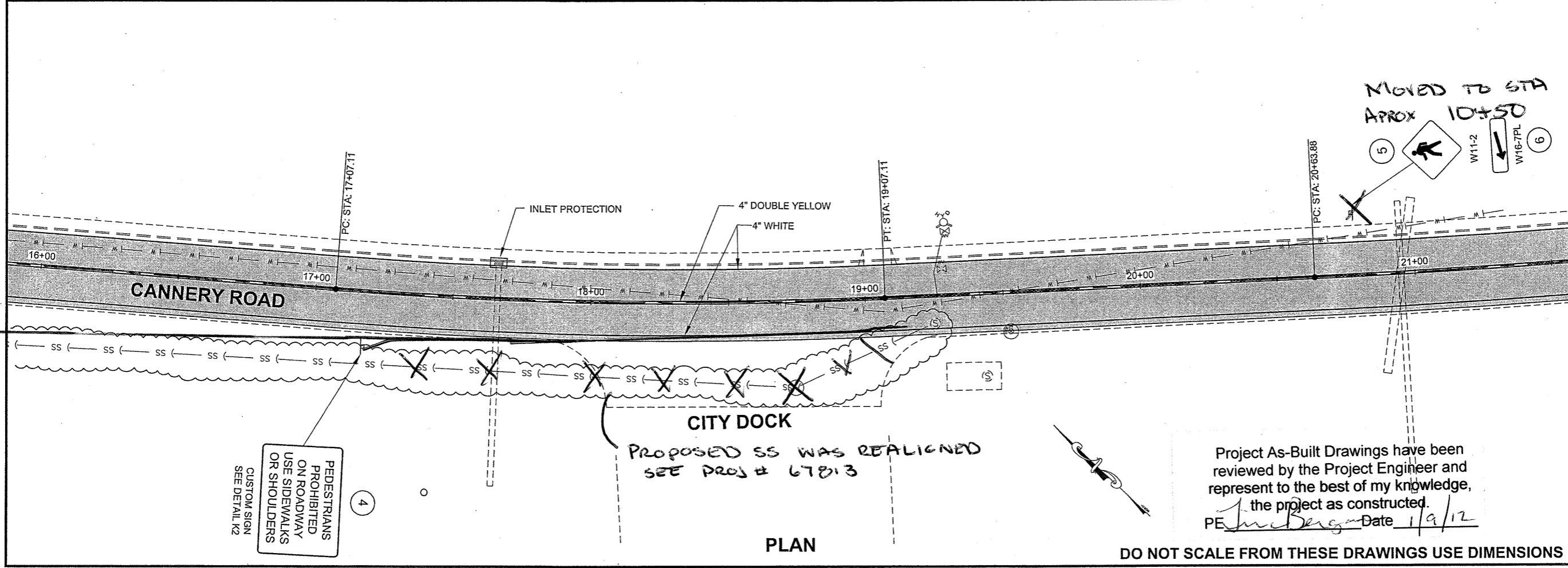


DESIGNED BY: D. MULLINER
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
 HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION	
HNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F2	22



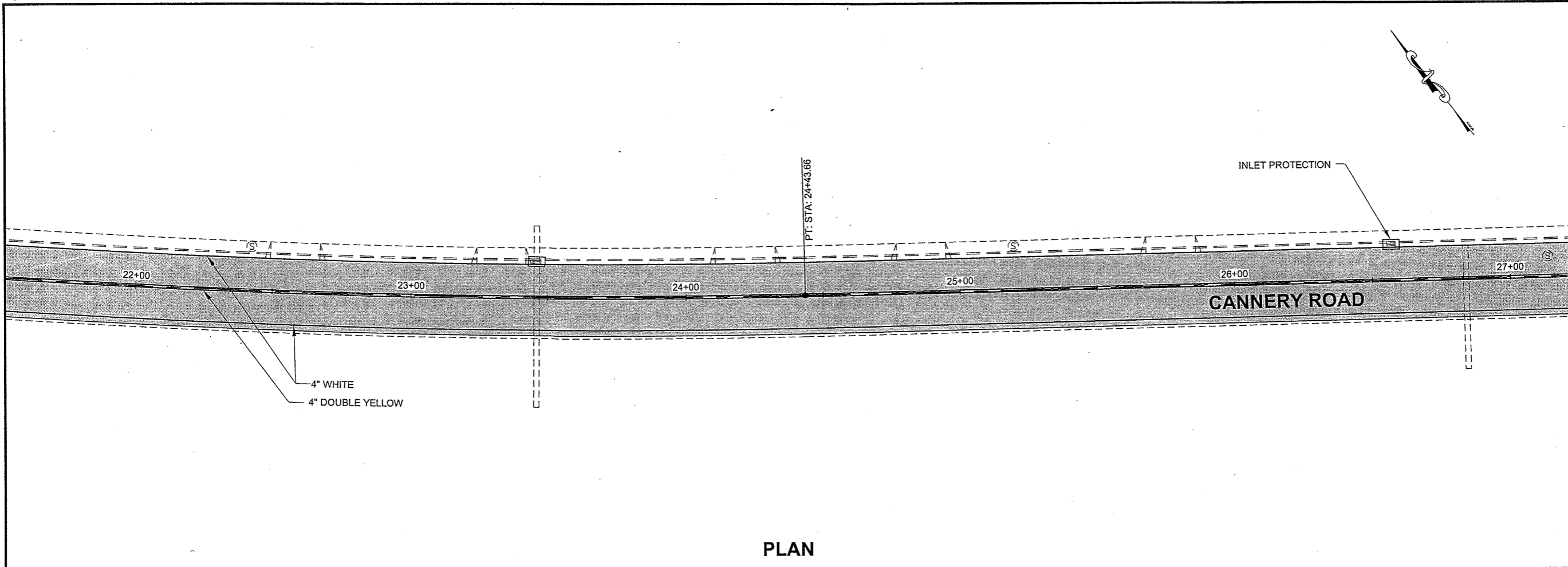
PLAN

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *J. Berg* Date 1/9/12

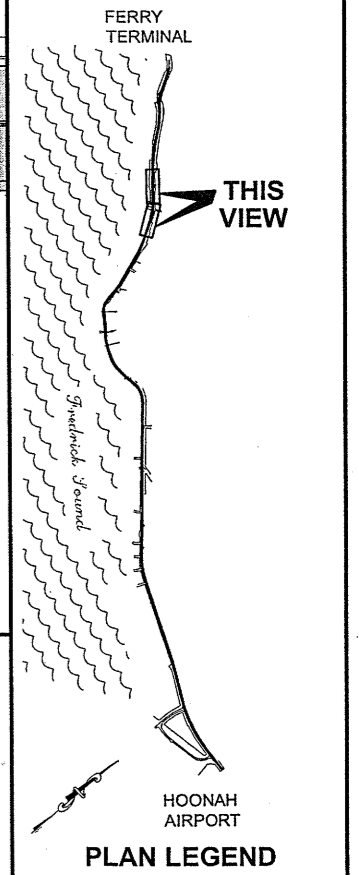
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

MULLINER, DOUGLAS J (DOT)
 TAB: F3 Wednesday, November 04, 2009 2:5

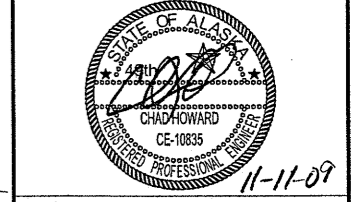
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN



CHECKED BY: C. HOWARD

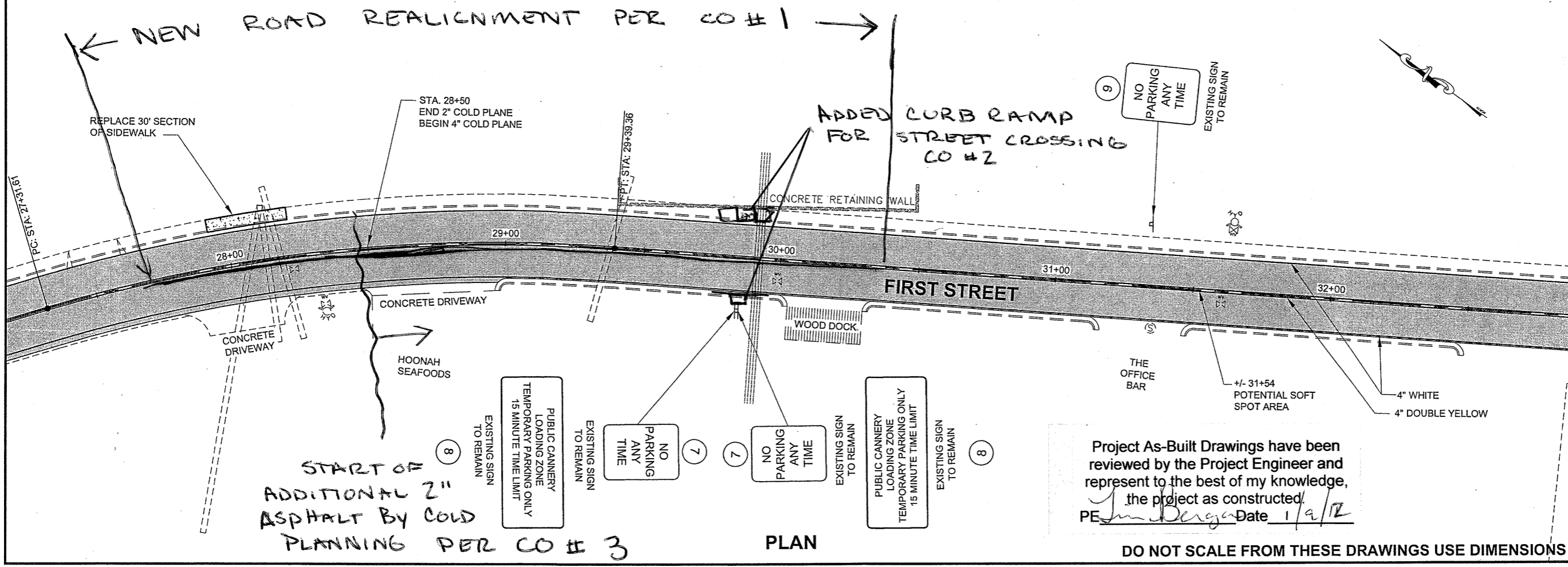


DESIGNED BY: D. MULLINER
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION
 HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION	
HNNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F3	22

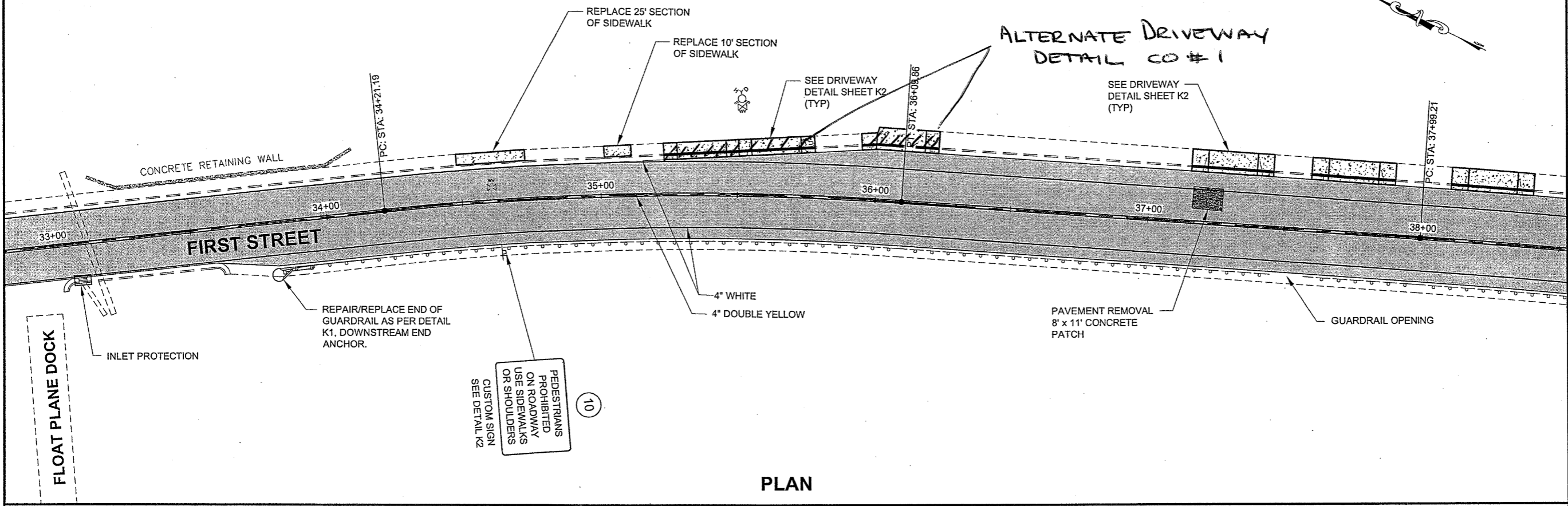


PLAN

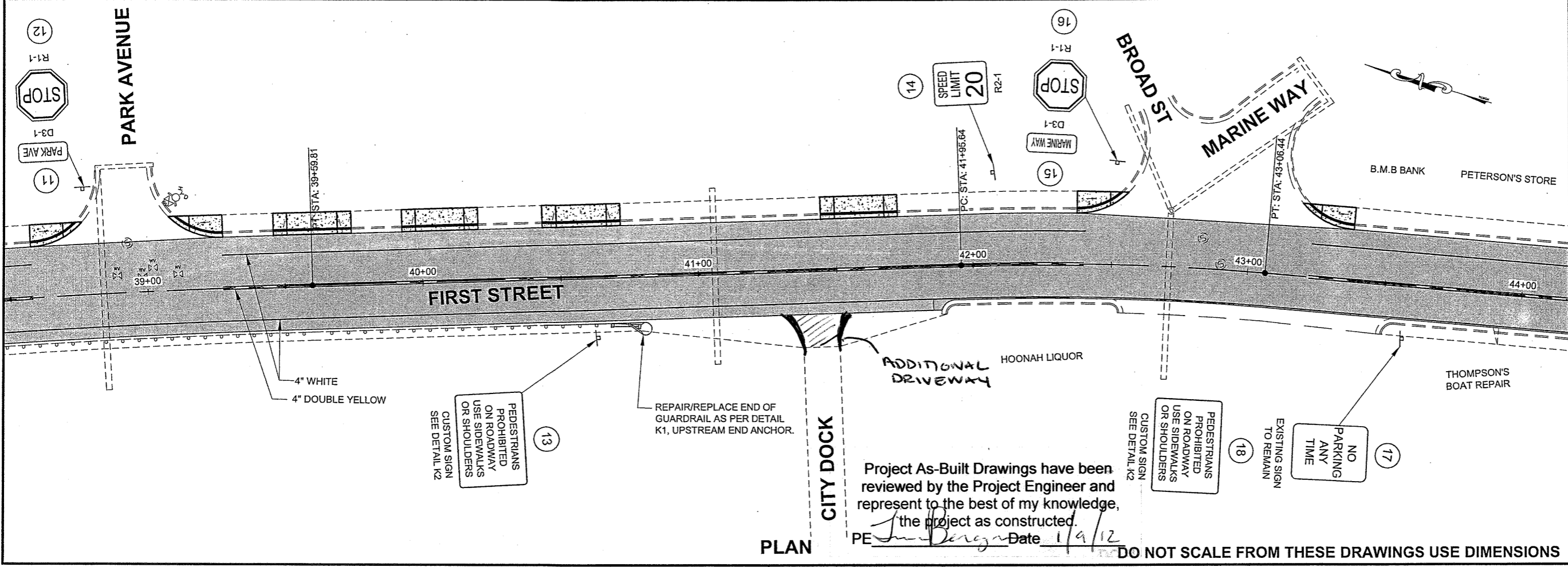
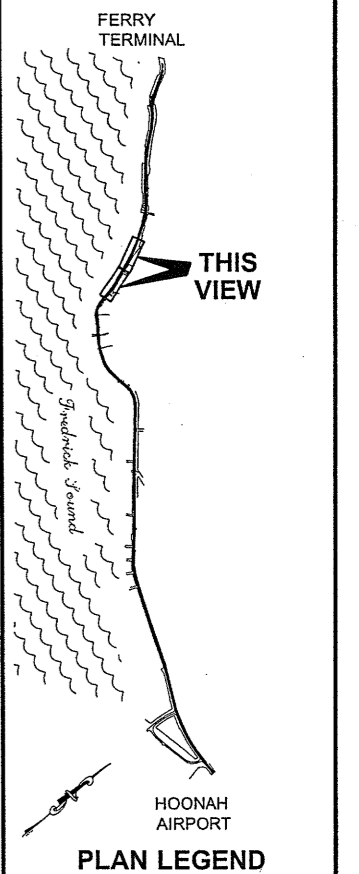
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *Jim Bergan* Date 1/9/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN



PLAN

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

PE *Tom Berggren* Date *1/9/12*

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CHECKED BY: C. HOWARD

DESIGNED BY: D. MULLINER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

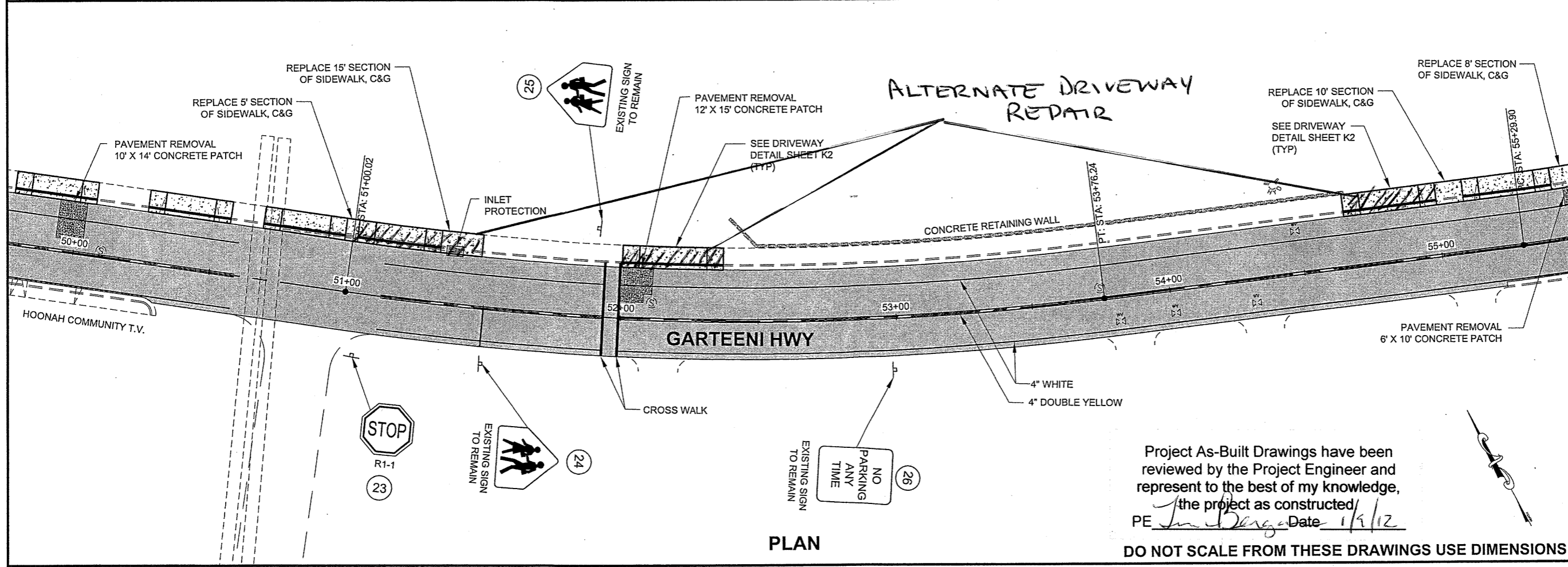
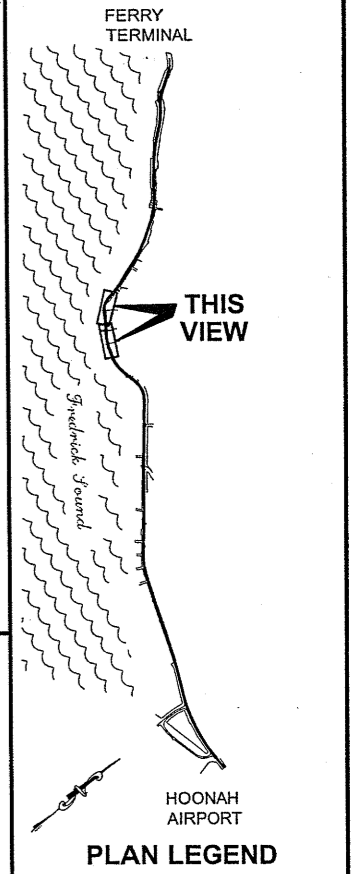
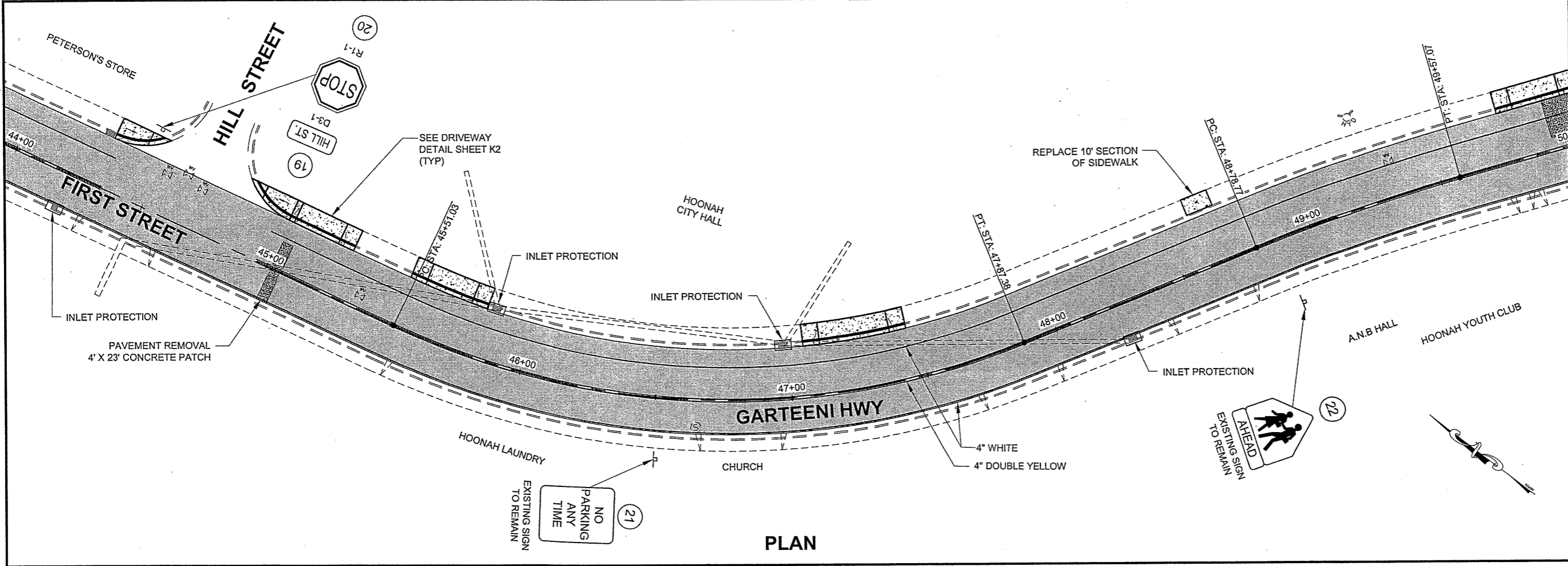
HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION	
HNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F4	22

GRANTHAM, RICK L (DOT)
 TAB: F5 Tuesday, November 10, 2009 4:26:00

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *Jim Berg* Date *1/9/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

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

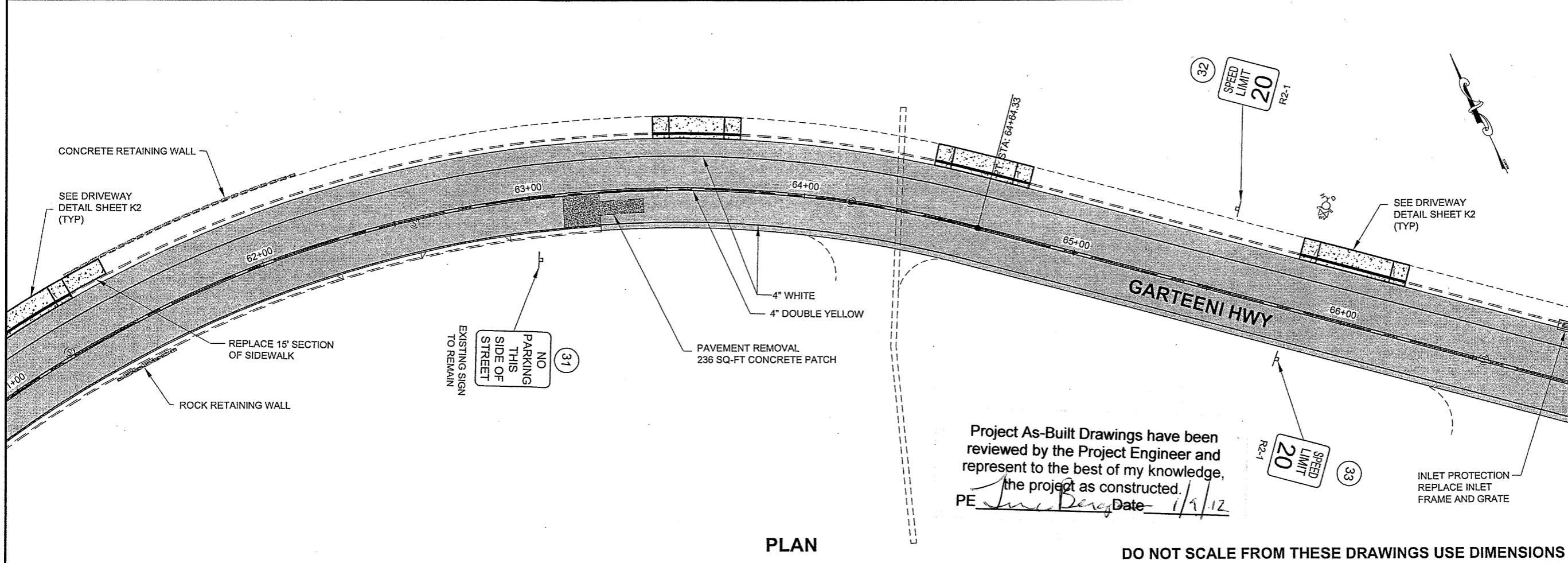
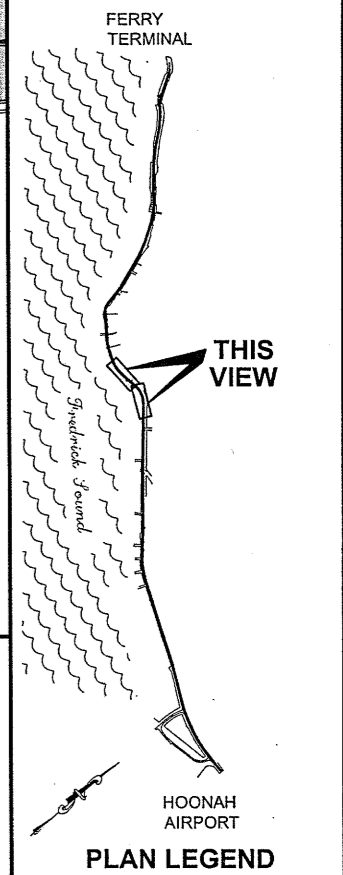
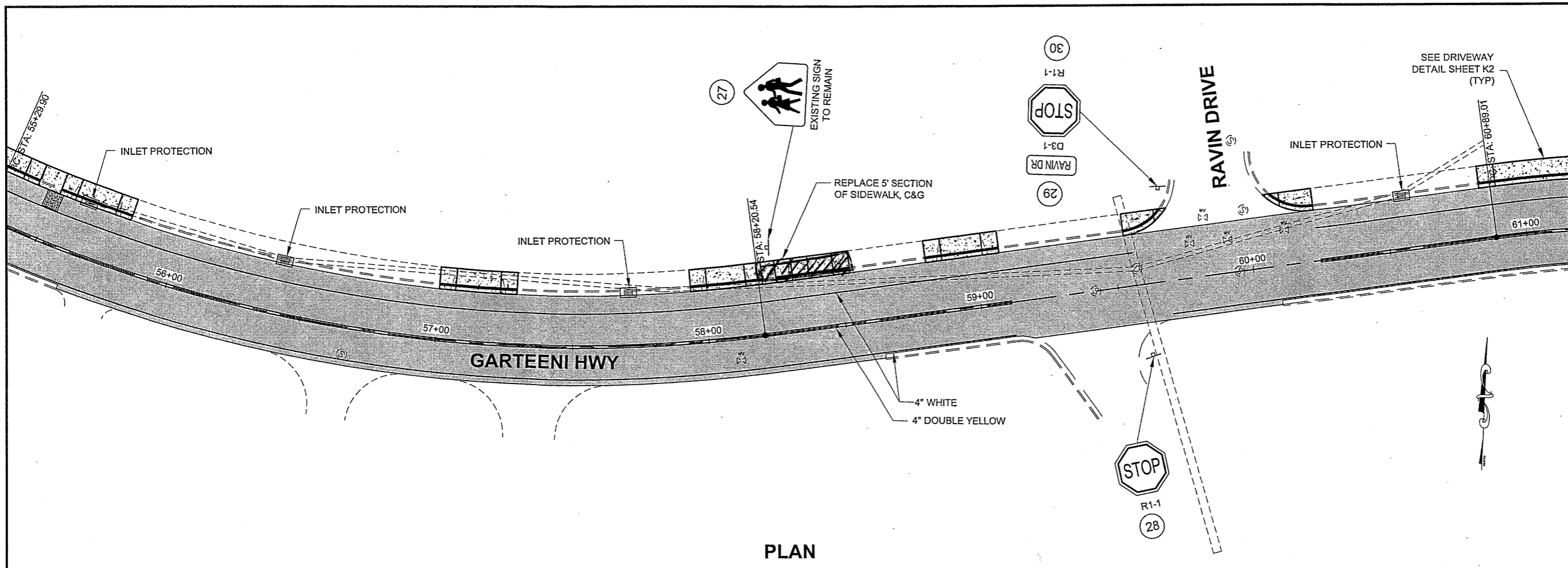
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION	
HNH - STP-0918(7)-68909	
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F5	22

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *Tracy Berg* Date *11/1/12*

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CHECKED BY: C. HOWARD

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

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

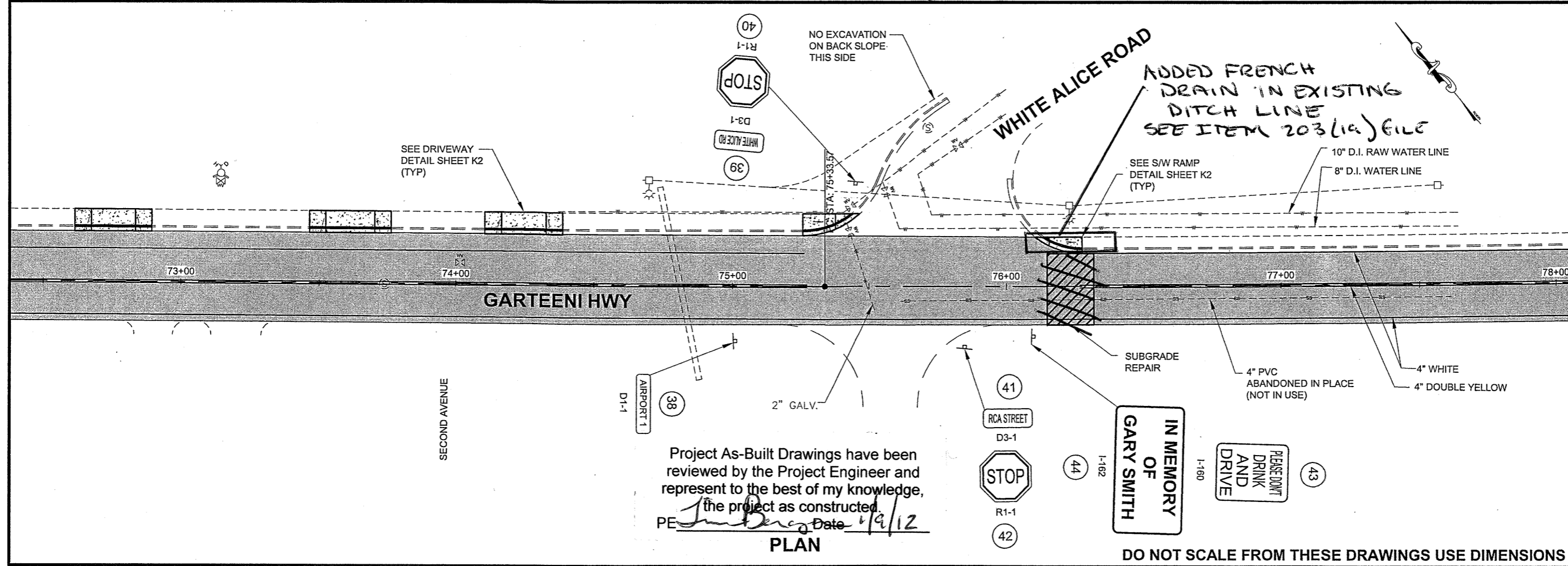
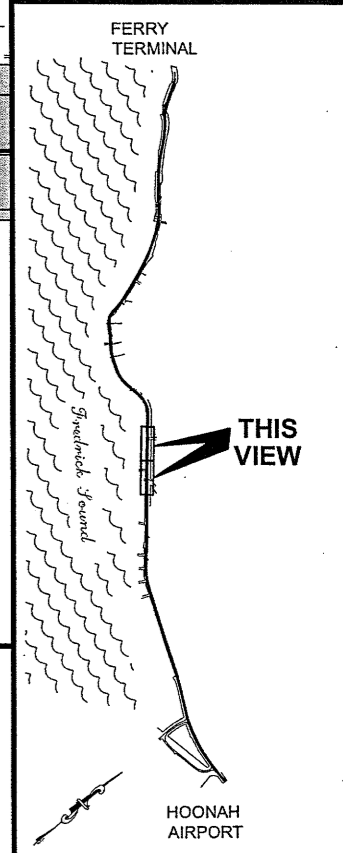
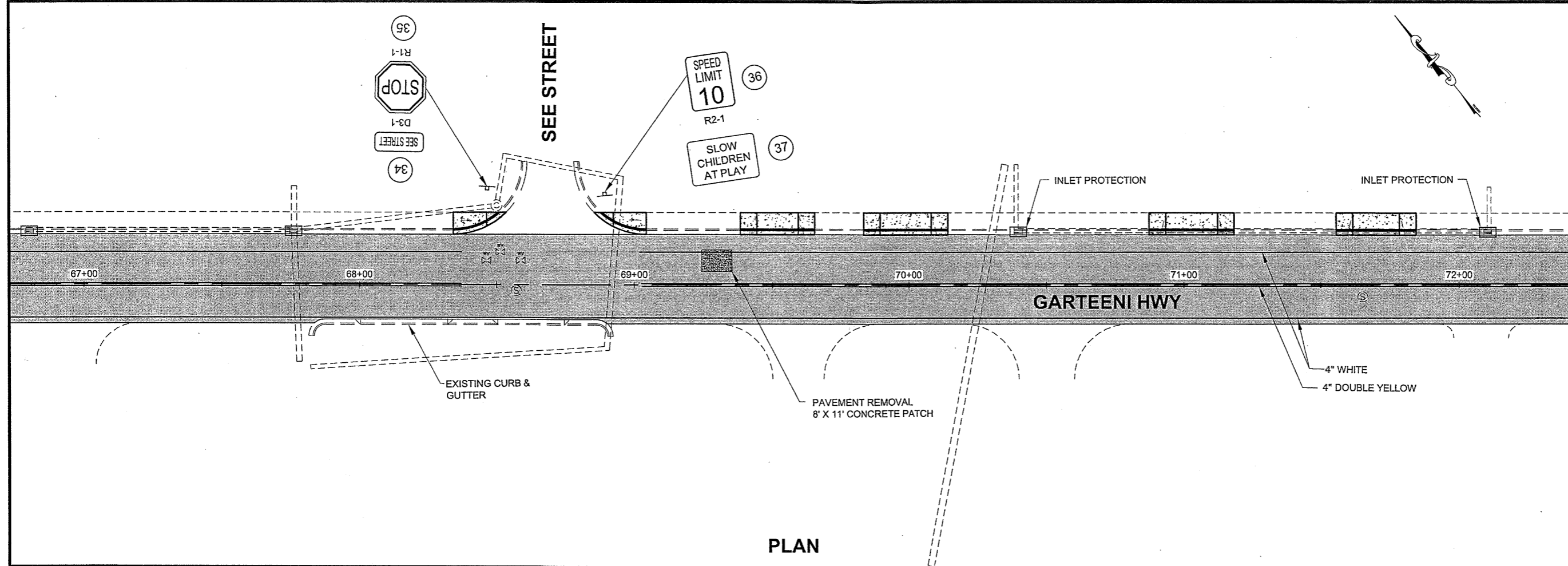
HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

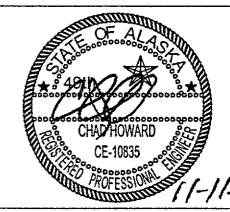
PROJECT DESIGNATION
HNH - STP-0918(7)~68909

STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F6	22

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD



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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION
HOONAH, ALASKA
FERRY TERMINAL TO AIRPORT
PAVEMENT REHABILITATION
PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION
HNH - STP-0918(7)-68909

STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F7	22

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date *1/9/12*

IN MEMORY OF GARY SMITH

PLEASE DON'T DRINK AND DRIVE

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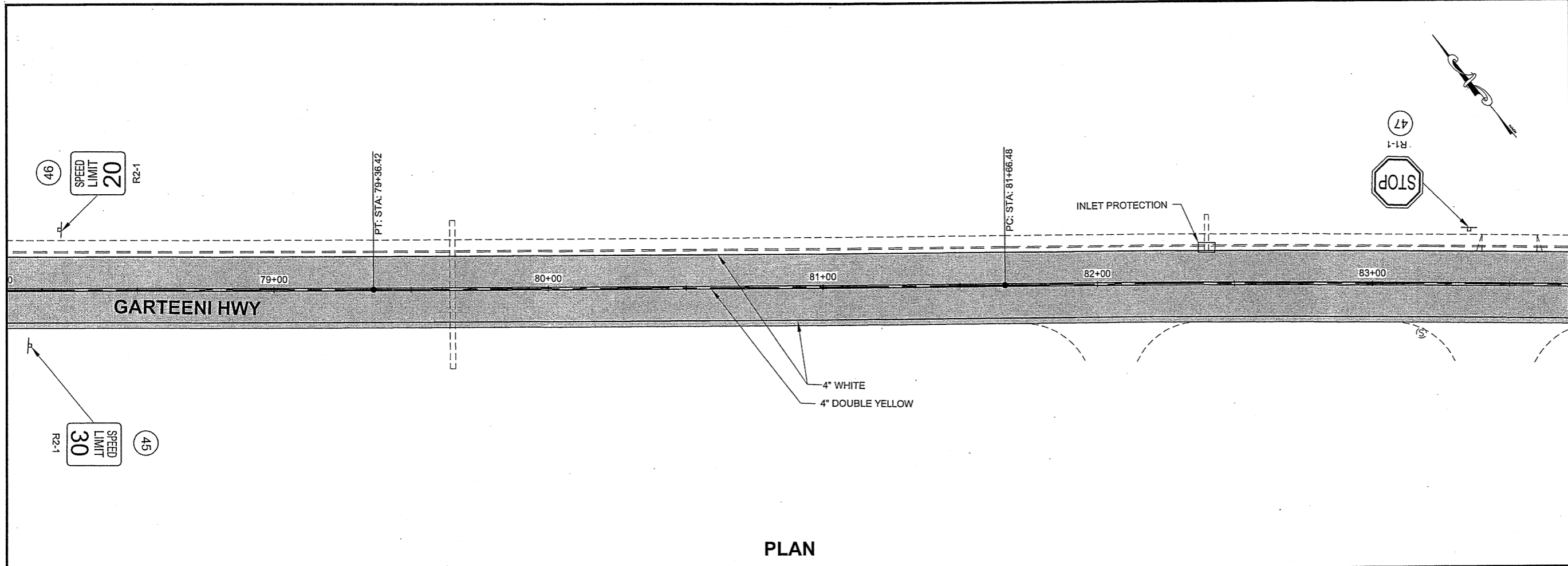
MULLINER, DOUGLAS J (DOT)
 TAB: F8 Wednesday, November 04, 2009 2:54

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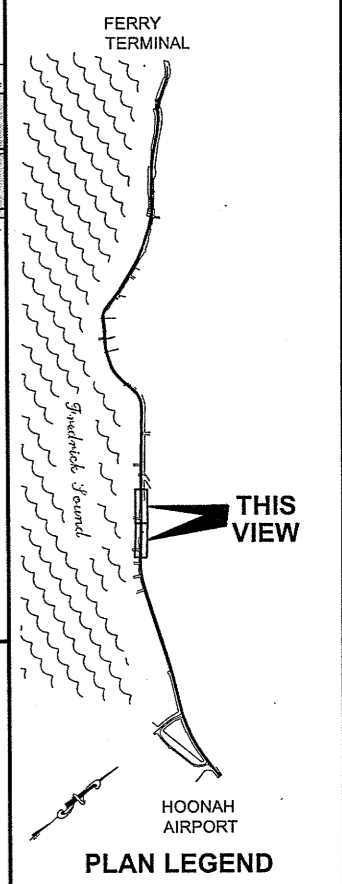
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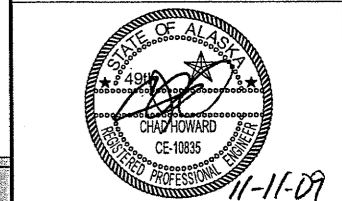
No.	DATE	DESCRIPTION



PLAN



CHECKED BY: C. HOWARD



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

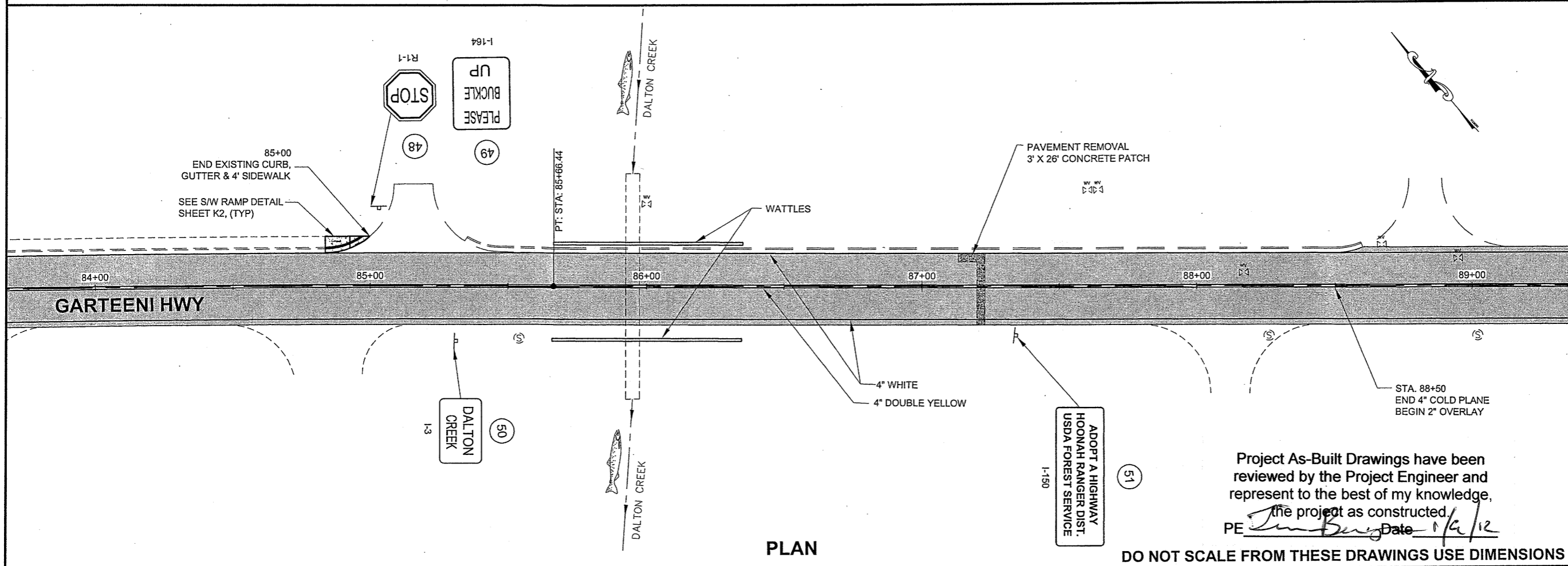
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION
HNH - STP-0918(7)-68909

STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
F8	22



PLAN

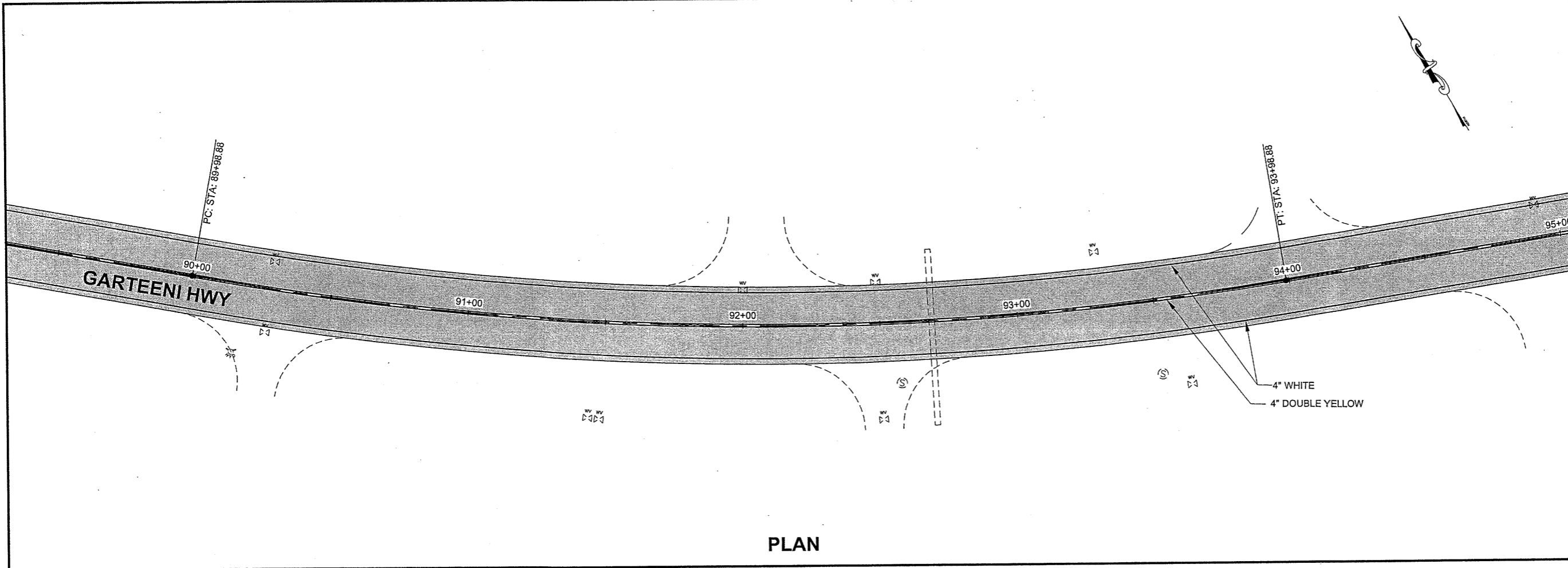
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE *Tommy Berg* Date *1/6/12*

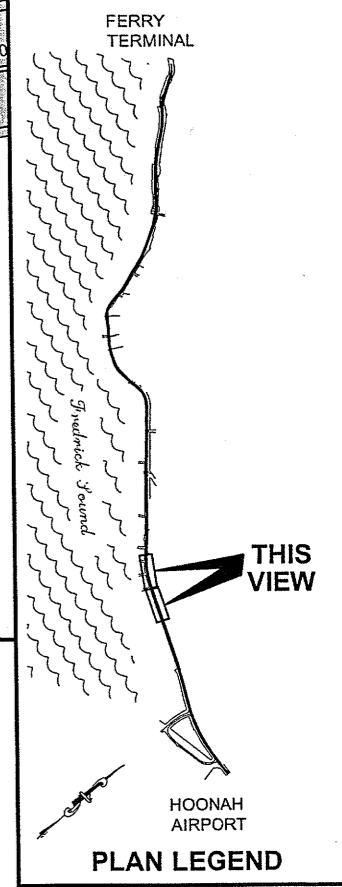
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

MULLINER, DOUGLAS J (DOT)
 TAB: F9 Wednesday, November 04, 2009 2:5

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

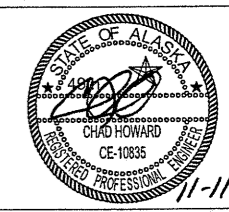


PLAN



PLAN LEGEND

CHECKED BY: C. HOWARD



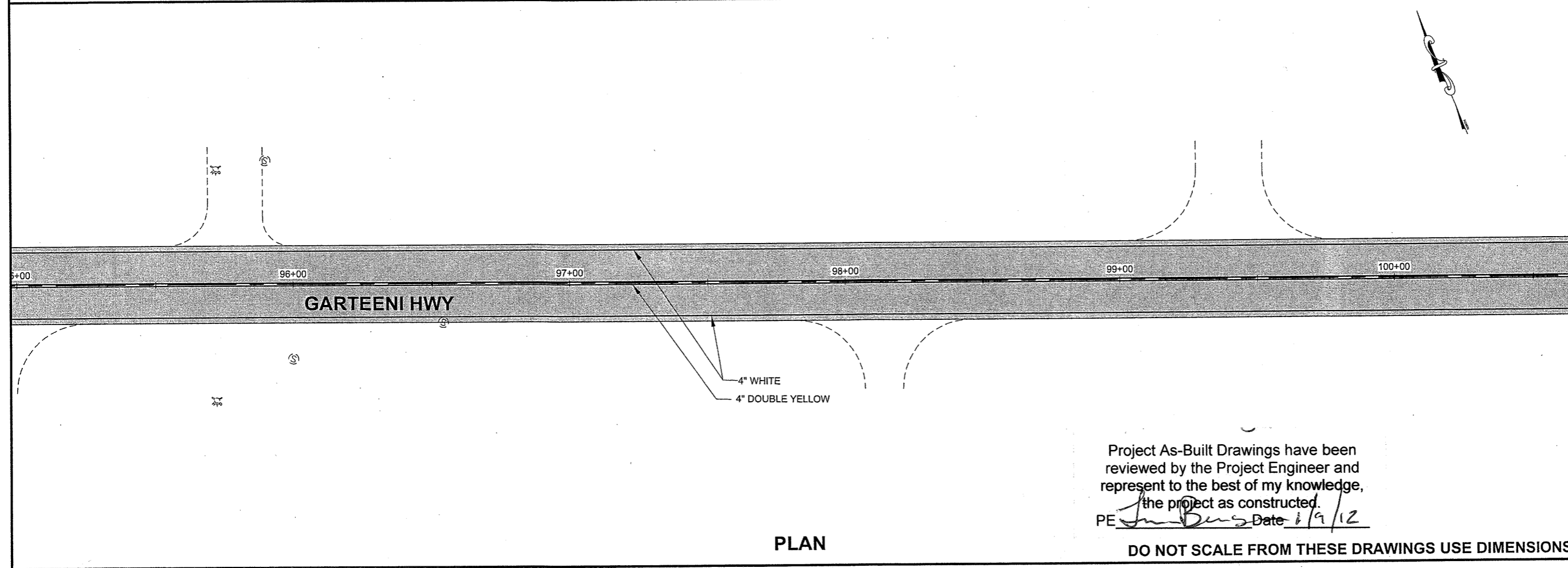
DESIGNED BY: D. MULLINER
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
 HOONAH, ALASKA
 FERRY TERMINAL TO AIRPORT
 PAVEMENT REHABILITATION
 PROJECT #68909

PLAN VIEW

PROJECT DESIGNATION
HNH - STP-0918(7)-68909

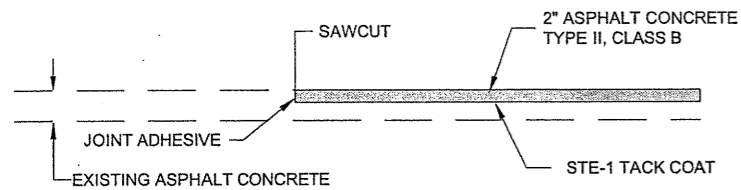
STATE	YEAR
ALASKA	2009
SHEET NUMBER	TOTAL SHEETS
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PLAN

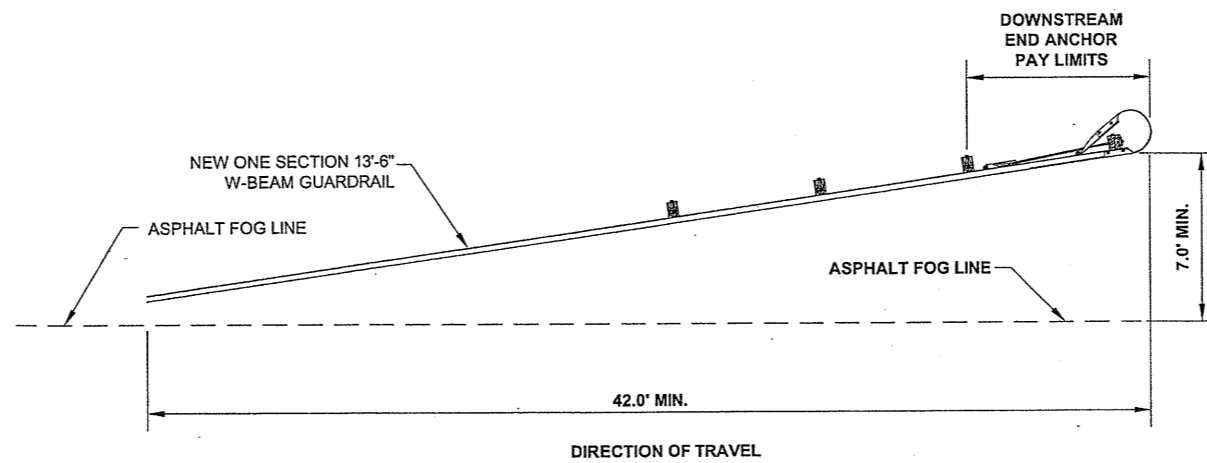
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *Jim Buss* Date *1/9/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PAVEMENT TRANSITION DETAIL

B.O.P.

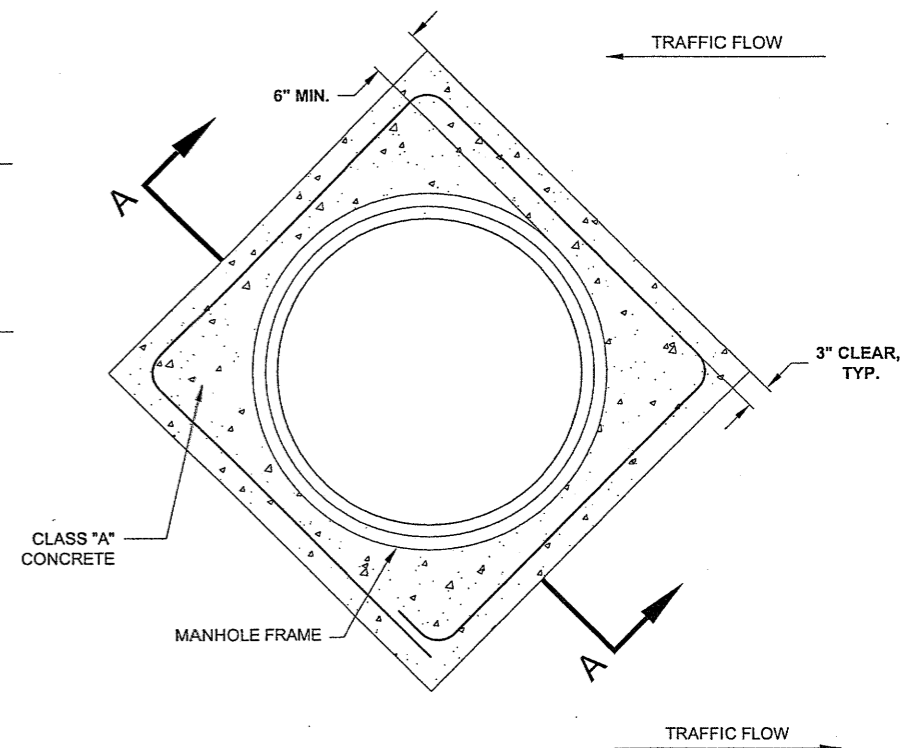


DOWNSTREAM/UPSTREAM END ANCHOR DETAIL

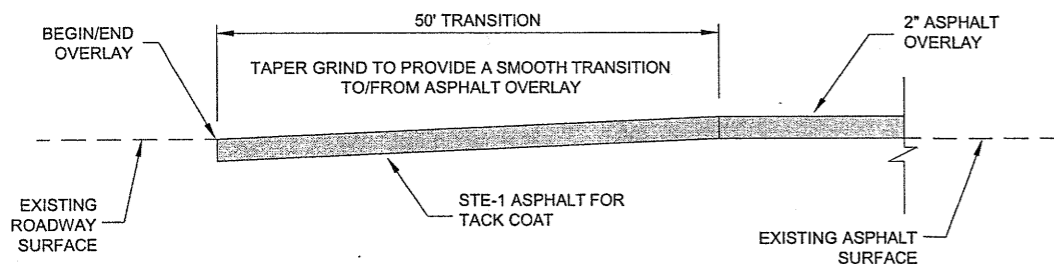
NTS

DOWNSTREAM/UPSTREAM END ANCHOR NOTES:

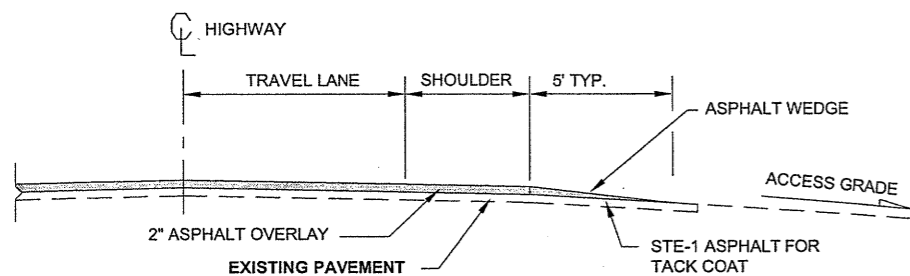
1. SEE STD. DWG. G-13.00 FOR DETAILS OF CONSTRUCTION.
2. TERMINATE DOWNSTREAM END ANCHORS ON THE UPSTREAM END WITH A MINIMUM OFFSET OF 7' FROM NORMAL FACE OF GUARDRAIL. INCREASE OFFSET AS TERRAIN ALLOWS AND AS DIRECTED BY THE ENGINEER.
3. REPLACE BROKEN CRT. POST AND ONE 13'-6" SECTION OF W-BEAM GUARDRAIL AT BOTH ENDS.



PLAN VIEW

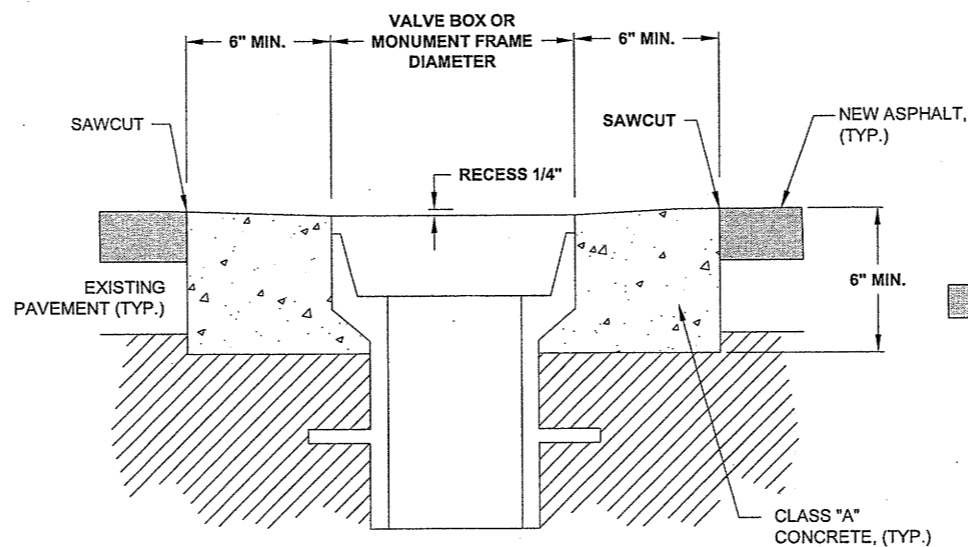


OVERLAY MATCH JOINT DETAIL



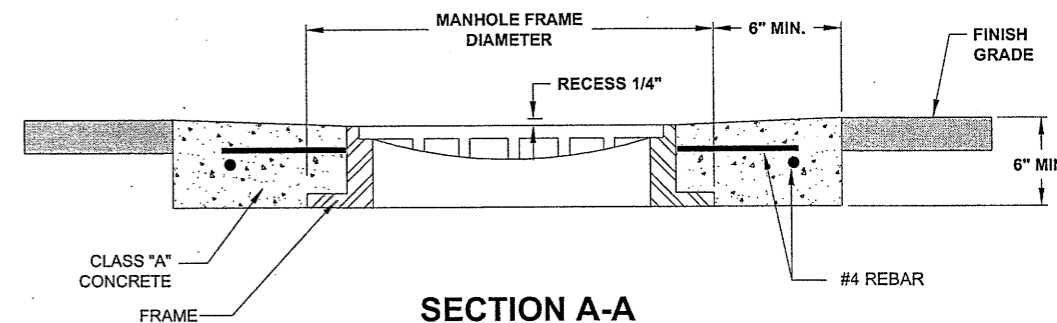
TYPICAL DRIVEWAY PROFILE

FOR USE IN OVERLAY AREAS



VALVE BOX OR MONUMENT ADJUSTMENT DETAIL

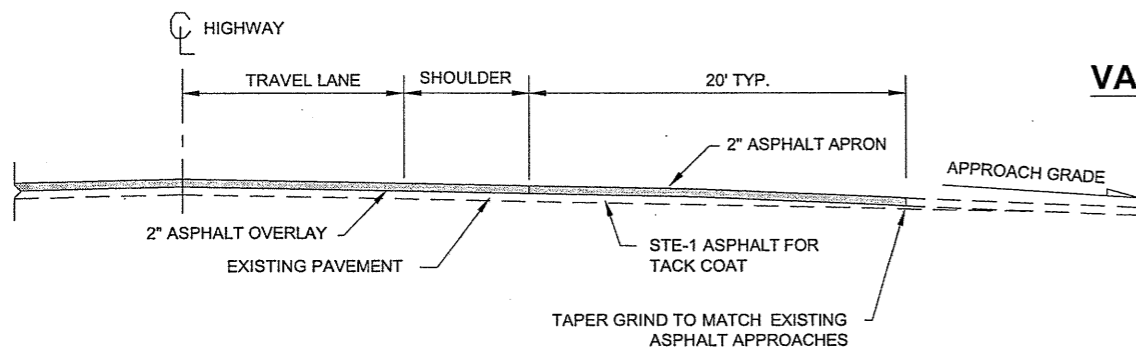
N.T.S.



SECTION A-A

CONCRETE COLLAR DETAIL

N.T.S.



TYPICAL STREET APPROACH PROFILE

FOR USE IN OVERLAY AREAS

MANHOLE ADJUSTMENT NOTES:

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

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

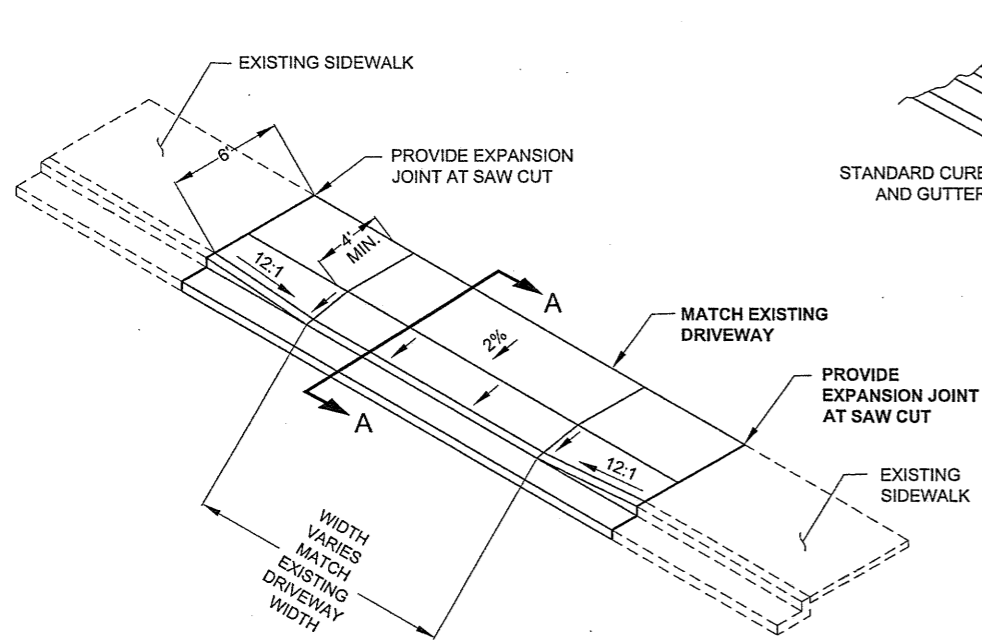
PE *[Signature]* Date 1/12/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION	
DESIGNED BY: D. MULLINER DRAWN BY: R. GRANTHAM		HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909	
PATH: Q:\HNN\68909\PLANSET\68909_K1-MISC.DETS.DWG TAB: K1 Wednesday, November 04, 2009 2:55:30 PM MULLINER, DOUGLAS J. (DOT)			
MISCELLANEOUS DETAILS		PROJECT DESIGNATION STP-0918(7)-68909	YEAR 2009
SHEET NO. K1	TOTAL SHEETS 22		

NOTES:

- "A" EQUALS EXISTING WIDTH OF DRIVEWAY.
- CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
- COLD JOINT REQUIRED BETWEEN SIDEWALK AND DRIVEWAY AND BETWEEN SIDEWALK AND CURB
- ALL CONCRETE WITHIN THE CURB CUT LIMITS SHALL BE 6" THICK AND SHALL BE POURED ON A 4" BASE OF BASE COURSE COMPACTED TO 95% OF ITS MAXIMUM DENSITY.
- EXPANSION JOINT REQUIRED IF "A" IS GREATER THAN 15'.

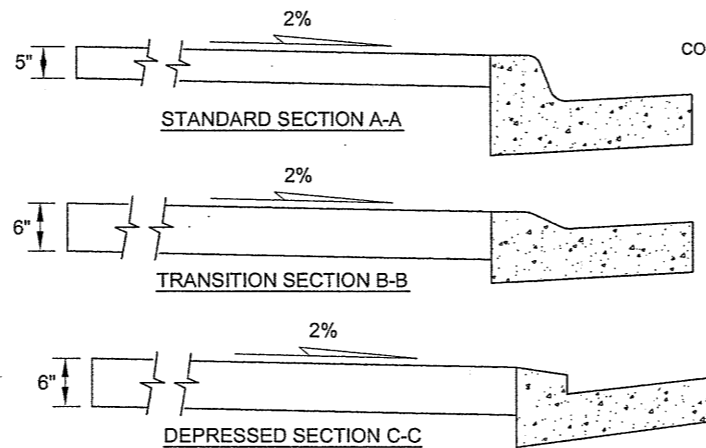
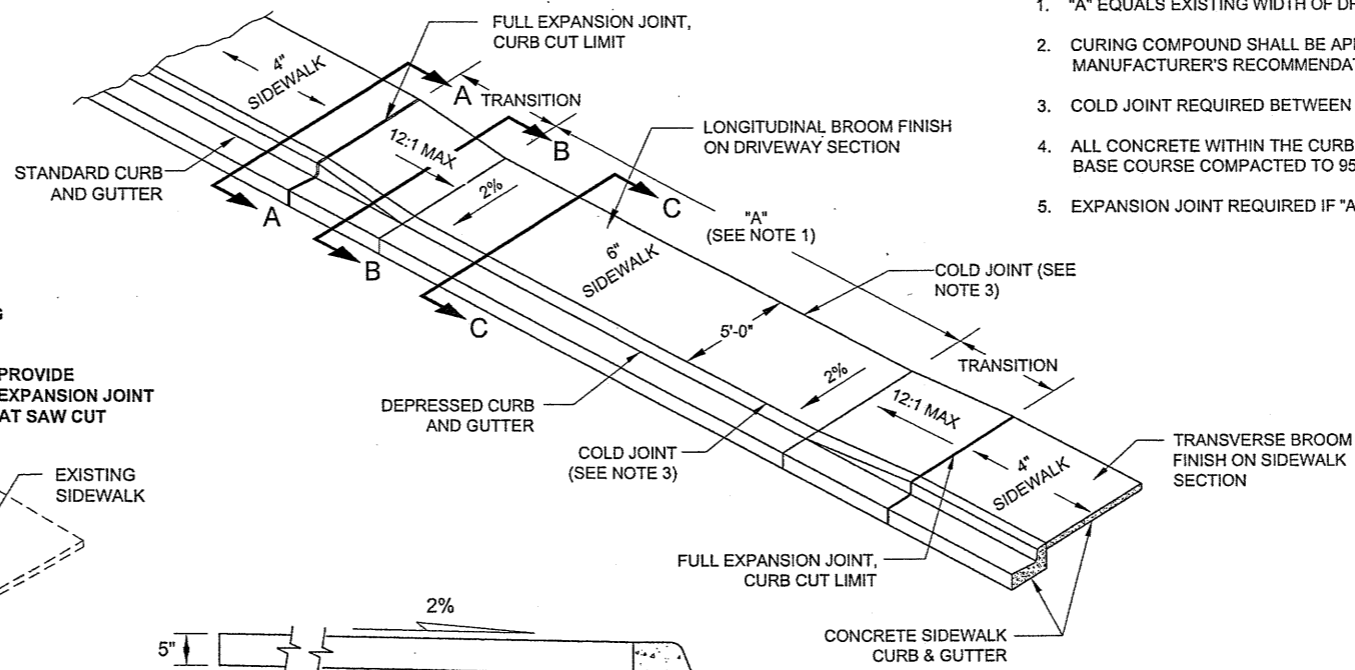


ALTERNATE DRIVEWAY DETAIL

N.T.S

SIDEWALK RAMP NOTE:

- ALTERNATE DRIVEWAY DETAIL ONLY TO BE USED AT LOCATIONS WHERE THE SIDEWALK DRIVEWAY DETAIL CANNOT BE CONSTRUCTED.
- LOCATION OF ALTERNATE DRIVEWAY DETAIL MUST BE APPROVED BY THE ENGINEER.

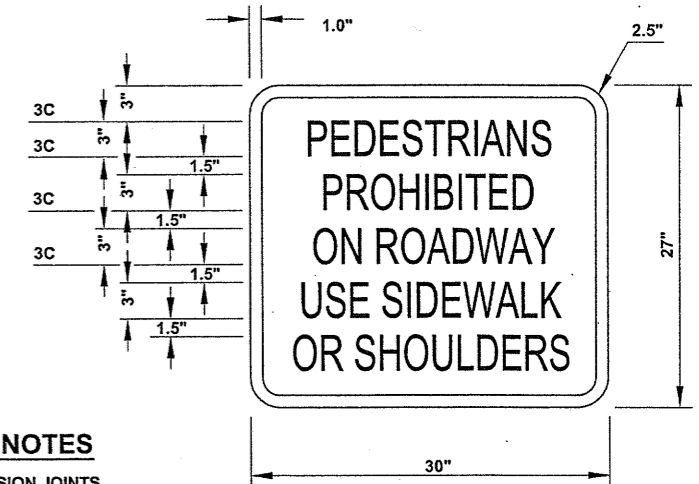


CONCRETE DRIVEWAY DETAIL

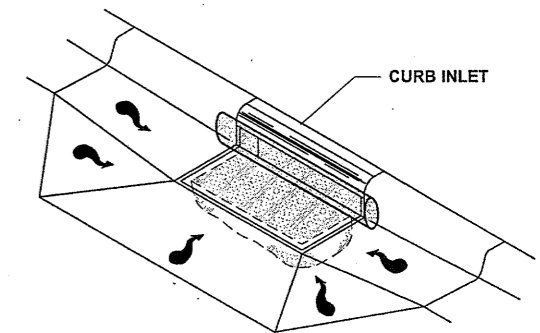
N.T.S

SIDEWALK, CURB AND GUTTER NOTES

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



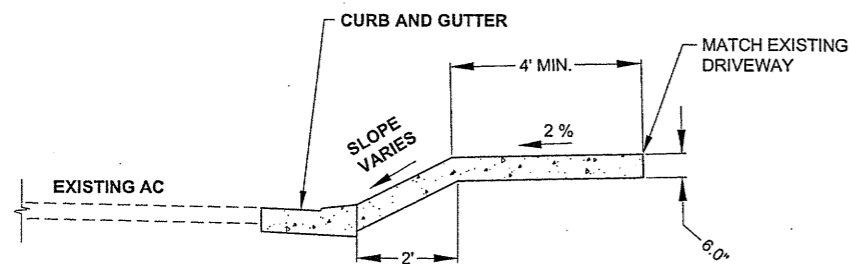
WHITE BACKGROUND WITH BLACK BORDER & TEXT



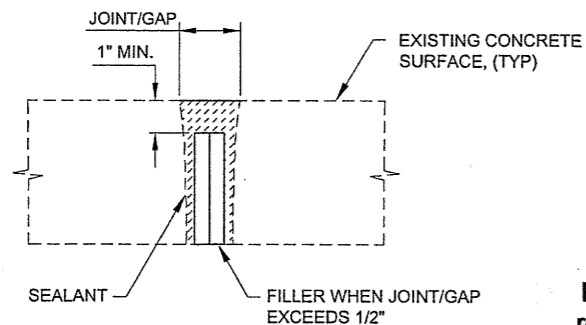
INLET PROTECTION DETAIL

N.T.S.

NOTE:
USE DANDY BAG OR APPROVED EQUAL.
INSTALL INLET PROTECTION PRIOR TO BEGINNING WORK ACTIVITY.

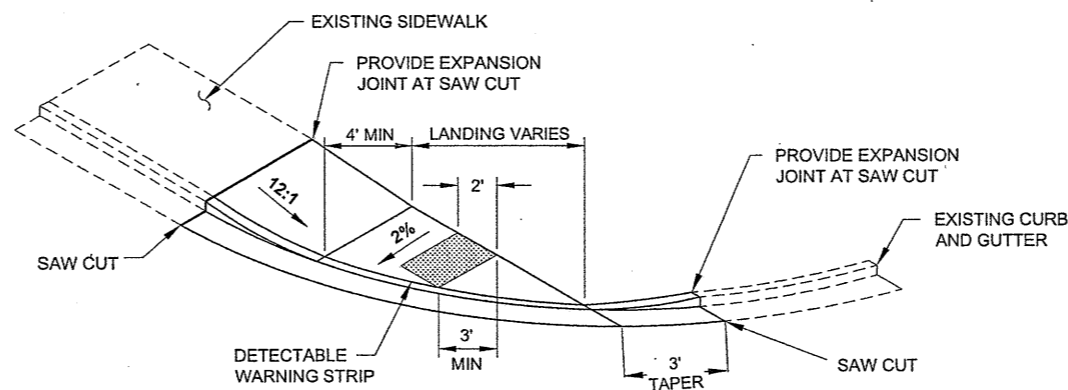


SECTION A-A



SIDEWALK RECONDITIONING

SEE SECTION 608 OF THE SPECIAL PROVISIONS.



SIDEWALK RAMP NOTE:

- MATCH EXISTING RADIUS, ETC.

SIDEWALK RAMP DETAIL

N.T.S

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date 1/9/12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

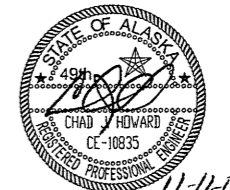
CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION	
DESIGNED BY: D. MULLINER		HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909	
DRAWN BY: R. GRANTHAM		MISCELLANEOUS DETAILS	
PATH: Q:\H\68909\PLANSET\68909_K2 - MISC DETAIL.DWG		PROJECT DESIGNATION	
TAB: K2 Wednesday, November 04, 2009 2:55:50 PM MULLINER, DOUGLAS J (DOT)		YEAR	TOTAL SHEETS
REVISIONS		2009	22
NO.	DATE	DESCRIPTION	
STP-0918(7)-68909			

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST.	SIGN FACING	COMMENTS
1	SPEED LIMIT 20	11+84	RT	R2-1	30	36	7.50	2.5 PST	WB	
2	FERRY TERMINAL (SYMBOL)	12+40	LT	I-100	30	30	6.25	2.5 PST	EB	MANUFACTURE SIGNS #9 AND #10 AS A SINGLE SIGN
3	LEFT DIRECTIONAL ARROW	12+40	LT	D9-301L	24	6	1.00	-	EB	SEE ABOVE NOTE. SIGN #10 TO BE BELOW SIGN #9
4	PEDESTRIANS PROHIBITED ON ROADWAY USE SIDEWALKS OR SHOULDERS	17+17	RT	CUSTOM	30	27	5.63	2.5 PST	WB	USE 3" LETTERS, FONT SERIES C
5	PEDESTRIAN CROSSING (SYMBOL)	20+84	LT	W11-2	30	30	6.25	2.5 PST	EB	
6	DIAGONAL DOWNWARD ARROW	20+84	LT	W16-7PL	24	12	2.00	-	EB	SIGN #13 TO BE BELOW SIGN #12
7	NO PARKING ANY TIME	29+79	RT						WB/EB	EXISTING SIGN TO REMAIN
8	PUBLIC CANNERY LOADING ZONE	29+79	RT						WB/EB	EXISTING SIGN TO REMAIN
9	NO PARKING ANY TIME	31+35	LT						EB	EXISTING SIGN TO REMAIN
10	PEDESTRIANS PROHIBITED ON ROADWAY USE SIDEWALKS OR SHOULDERS	34+61	RT	CUSTOM	30	27	5.63	2.5 PST	WB	
11	PARK AVENUE	38+75	LT	D3-1	42	8	2.33	-		MOUNT ABOVE SIGN #19. USE 4" LETTERS, FONT SERIES C.
12	STOP	38+75	LT	R1-1	30	30	6.25	2.5 PST	EB	
13	PEDESTRIANS PROHIBITED ON ROADWAY USE SIDEWALKS OR SHOULDERS	40+60	RT	CUSTOM	30	27	5.63	2.5 PST	NB	
14	SPEED LIMIT 20	42+10	LT	R2-1	30	36	7.50	2.5 PST	SB	
15	MARINE WAY	42+50	LT	D3-1	36	8	2.00	-		MOUNT ABOVE SIGN #23. USE 4" LETTERS, FONT SERIES C.
16	STOP	42+50	LT	R1-1	30	30	6.25	2.5 PST	EB	
17	NO PARKING ANY TIME	43+60	RT						NB	EXISTING SIGN TO REMAIN
18	PEDESTRIANS PROHIBITED ON ROADWAY USE SIDEWALKS OR SHOULDERS	43+60	RT	CUSTOM	30	27	5.63	2.5 PST	NB	
19	HILL STREET	44+50	LT	D3-1	36	8	2.00	-		MOUNT ABOVE SIGN #27. USE 4" LETTERS, FONT SERIES C.
20	STOP	44+50	LT	R1-1	30	30	6.25	2.5 PST	EB	
21	NO PARKING ANY TIME	46+45	RT						NB	EXISTING SIGN TO REMAIN
22	SCHOOL ZONE CROSSING	49+00	RT						WB	EXISTING SIGN TO REMAIN
23	STOP	51+10	RT	R1-1	30	30	6.25	2.5 PST	SB	
24	SCHOOL ZONE CROSSING	51+50	RT						WB	EXISTING SIGN TO REMAIN
25	SCHOOL ZONE CROSSING	51+90	LT						EB	EXISTING SIGN TO REMAIN
26	NO PARKING ANY TIME	53+10	RT						WB	EXISTING SIGN TO REMAIN
27	SCHOOL ZONE CROSSING	58+25	LT						EB	EXISTING SIGN TO REMAIN
28	STOP	59+55	RT	R1-1	30	30	6.25	2.5 PST	SB	
29	RAVIN DRIVE	59+65	LT	D3-1	36	8	2.00	2.5 PST	NB	MOUNT ABOVE SIGN #37. USE 4" LETTERS, FONT SERIES C.
30	STOP	59+65	LT	R1-1	30	30	6.25	2.5 PST	NB	
31	NO PARKING THIS SIDE OF STREET	62+90	RT						WB	EXISTING SIGN TO REMAIN
32	SPEED LIMIT 20	65+40	LT	R2-1	30	36	7.50	2.5 PST	EB	
33	SPEED LIMIT 20	65+80	RT	R2-1	30	36	7.50	2.5 PST	WB	
34	SEE STREET	68+45	LT	D3-1	36	8	2.00	2.5 PST	NB	MOUNT ABOVE SIGN #42. USE 4" LETTERS, FONT SERIES C.
35	STOP	68+45	LT	R1-1	30	30	6.25	2.5 PST	NB	
36	SPEED LIMIT 10	68+95	LT						SB	EXISTING SIGN TO REMAIN
37	SLOW CHILDREN PLAYING	68+95	LT						SB	EXISTING SIGN TO REMAIN
38	AIRPORT 1	75+00	RT	D1-1	60	12	5.00	(2) 4X8 WOOD	WB	6" UPPERCASE LETTERS, 4.5" LOWERCASE, CLEARVIEW 5W FONT.
39	WHITE ALICE ROAD	75+40	LT	D3-1	36	8	2.00	-	EB	MOUNT ABOVE SIGN #47. USE 3" LETTERS, FONT SERIES C.
40	STOP	75+40	LT	R1-1	30	30	6.25	2.5 PST	EB	
41	RCA STREET	75+80	RT	D3-1	36	8	2.00	-	SB	MOUNT ABOVE SIGN #49. USE 4" LETTERS, FONT SERIES C.
42	STOP	75+80	RT	R1-1	30	30	6.25	2.5 PST	SB	
43	PLEASE DON'T DRINK AND DRIVE	76+25	RT	I-160	30	36	7.50	2.5 PST	WB	
44	IN MEMORY OF GARY SMITH	76+25	RT	I-162	30	12	2.50	-	WB	SIGN #51 IS TO BE MOUNTED BELOW SIGN #50
45	SPEED LIMIT 30	78+15	RT	R2-1	30	36	7.50	2.5 PST	WB	
46	SPEED LIMIT 20	78+20	LT	R2-1	30	36	7.50	2.5 PST	EB	
47	STOP	83+40	LT	R1-1	30	30	6.25	2.5 PST	NB	
48	STOP	84+90	LT	R1-1	30	30	6.25	2.5 PST	NB	
49	PLEASE BUCKLE UP	84+90	LT	I-164	30	30	6.25	2.5 PST	NB	
50	DALTON CREEK	85+30	RT	I-3	42	24	7.00	(2) 4X8 WOOD	WB	6" UPPERCASE LETTERS, 4.5" LOWERCASE, CLEARVIEW 5W FONT.
51	ADOPT A HIGHWAY	87+30	RT	I-150	30	30	6.25	2.5 PST	WB	HOONAH RANGER DIST. USDA FOREST SERVICE
52	PEDESTRIAN CROSSING (SYMBOL)	112+00	LT						EB	EXISTING SIGN TO BE REMOVED
53	AIRPORT (SYMBOL)	114+45	RT	I-5	24	24	4.00	2.5 PST	WB	MANUFACTURE SIGNS #80 AND #81 AS A SINGLE SIGN
54	RIGHT DIRECTIONAL ARROW	114+45	RT	D9-301R	24	6	1.00	-	WB	SEE ABOVE NOTE. SIGN #81 TO BE BELOW SIGN #80
55	SPEED LIMIT 30	114+45	LT	R2-1	30	36	7.50	2.5 PST	EB	
56	PLEASE BUCKLE UP	115+65	LT	I-164	30	30	6.25	2.5 PST	EB	
57	SPEED LIMIT 20	11+30	RT	R2-1	30	36	7.50	2.5 PST	NB	
58	← HOONAH	116+60	LT	D1-1	60	12	5.00	(2) 4X8 WOOD	SB	6" UPPERCASE LETTERS, 4.5" LOWERCASE, CLEARVIEW 5W FONT.
59	STOP	117+10	RT	R1-1	30	30	6.25	2.5 PST	SB	
60	SHOTTER CREEK	118+65	RT	I-3	48	24	8.00	(2) 4X8 WOOD	WB	6" UPPERCASE LETTERS, 4.5" LOWERCASE, CLEARVIEW 5W FONT.
61	AIRPORT (SYMBOL)	118+65	LT	I-5	24	24	4.00	2.5 PST	EB	MANUFACTURE SIGNS #88 AND #89 AS A SINGLE SIGN
62	LEFT DIRECTIONAL ARROW	118+65	LT	D9-301L	24	6	1.00	-	EB	SEE ABOVE NOTE. SIGN #89 TO BE BELOW SIGN #88
63	SHOTTER CREEK	119+60	LT	I-3	48	24	8.00	(2) 4X8 WOOD	EB	6" UPPERCASE LETTERS, 4.5" LOWERCASE, CLEARVIEW 5W FONT.
64	SPEED LIMIT 30	124+30	LT	R2-1	30	36	7.50	2.5 PST	EB	
65	STOP	126+00	RT	R1-1	30	30	6.25	2.5 PST	SB	
66	ROAD NARROWS	126+50	RT	W5-1	30	30	6.25	2.5 PST	WB	
67	ADOPT A HIGHWAY	126+50	LT	I-150	30	30	6.25	2.5 PST	EB	HOONAH RANGER DIST. USDA FOREST SERVICE

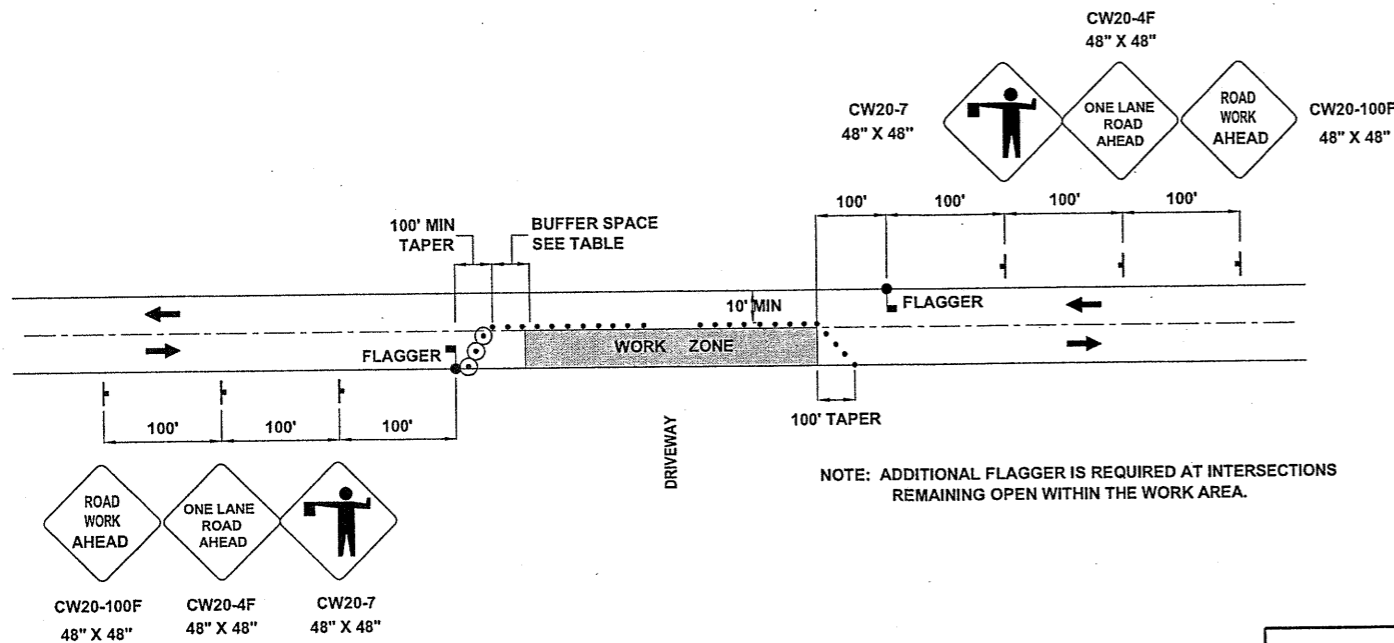
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *Tom Berg* Date *1/9/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  DESIGNED BY: D. MULLINER DRAWN BY: R. GRANTHAM	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909 SIGN SUMMARY
PATH: Q:\HNH\68909\PLANS\ET\68909_P1-SUMMARY.DWG TAB: P1 Wednesday, November 04, 2009 2:56:09 PM MULLINER, DOUGLAS J (DOT)	
REVISIONS NO. DATE DESCRIPTION	PROJECT DESIGNATION: STP-0918(7)-68909 YEAR: 2009 SHEET NO.: P1 TOTAL SHEETS: 22

TRAFFIC CONTROL NOTES

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



TWO LANE ROADWAY-SINGLE LANE CLOSURE

LEGEND

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

FORMULAS FOR L (TAPER LENGTH)

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

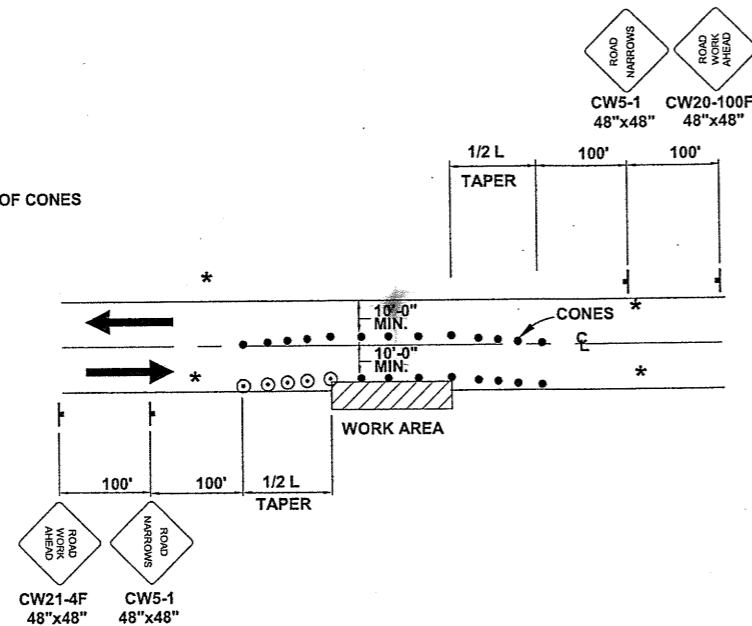
45 MPH OR GREATER $L = W \times S$

WHERE W = WIDTH OF OFFSET
S = POSTED SPEED LIMIT

DRUM OR CONE SPACING = S (IN FEET)

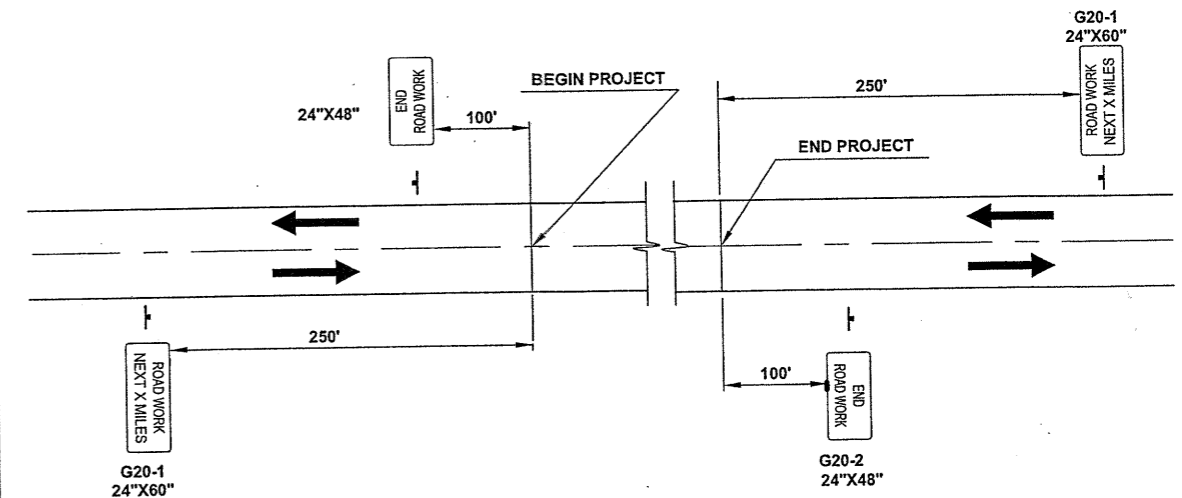
MIN. BUFFER LENGTH	
S	LENGTH
20	35
25	55
30	85
35	120
40	170
45	220
50	280
55	335
60	415
65	485

* NO PARKING WITHIN 200' OF CONES



ROADWAY ENCROACHMENT

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



PERMANENT CONSTRUCTION SIGNING

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION				
DESIGNED BY: D. MULLINER						
DRAWN BY: R. GRANTHAM						
PATH: Q:\HNH\68909\PLANSET\68909_S1_TRAFFIC CONTROL.DWG		HOONAH FERRY TERMINAL TO AIRPORT PAVEMENT REHABILITATION PROJECT #68909				
TAB: S1 Wednesday, November 04, 2009 2:56:27 PM MULLINER, DOUGLAS J (DOT)						
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	
NO.	DATE	DESCRIPTION	STP-0918(7)-68909	2009	S1	22

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE *Janey Berg* Date *1/9/12*