

# State of Alaska

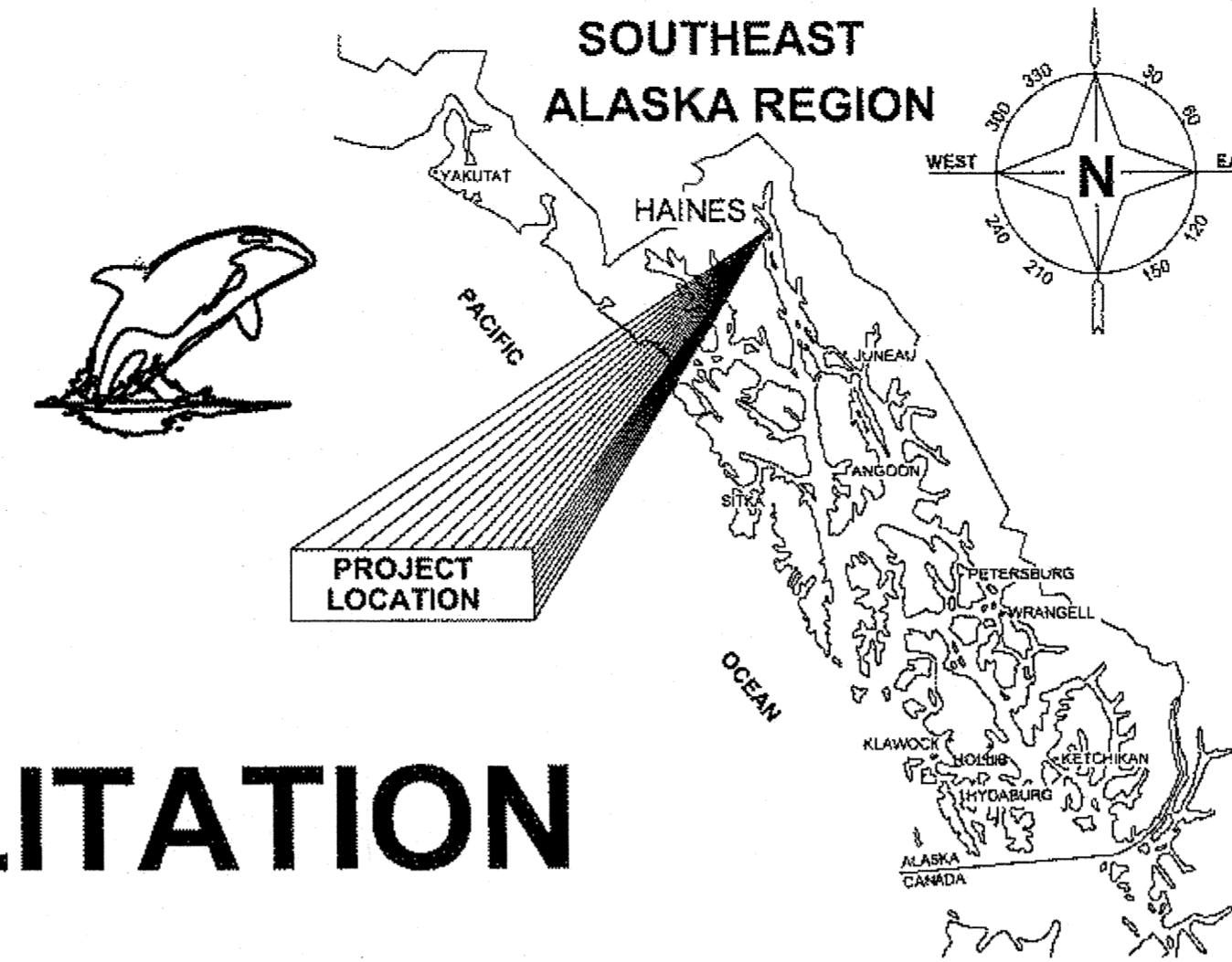
Department of Transportation  
and Public Facilities - Southeast Region

## HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION

PROJECT No. NH-0956(33)~69565

## HNS-ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION

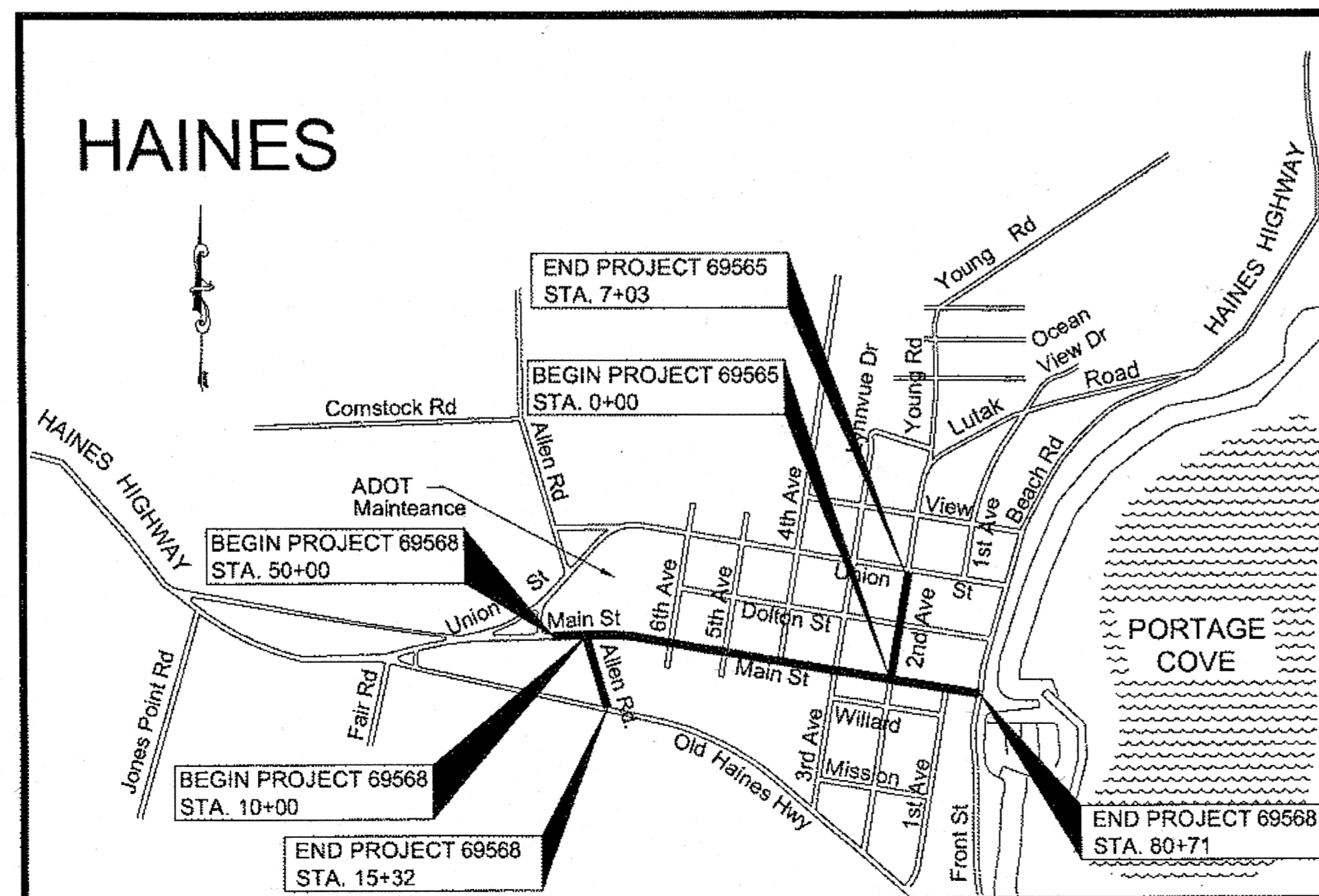
PROJECT No. STP-000S(753)~69568



### AS-BUILT DRAWINGS

CONTRACTOR: Southeast Road Builders Inc  
PROJECT ENGINEER: VAL BEAN  
PROJECT START DATE: APRIL 16 2012  
PROJECT END DATE: OCTOBER 27 2012

SUBCONTRACTORS:  
SADER CONCRETE CONSTRUCTION - DBE  
FIRST DAY ON SITE: MAY 1 2012  
ALASKA STRIPING AND PAINTING  
FIRST DAY ON SITE: SEPTEMBER 17 2012



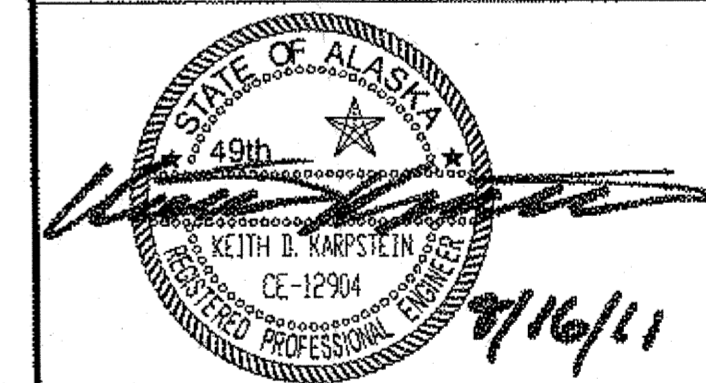
VICINITY MAP

### INDEX

SHEET NO.	DESCRIPTION
AA1	COMBINED TITLE SHEET
BB1	COMBINED ESTIMATE OF QUANTITIES
<b>2ND AVENUE-UNION ST. TO MAIN ST.</b>	
A1	TITLE SHEET
B1	TYPICAL SECTIONS
C1	ESTIMATES OF QUANTITIES
D1-D2	SUMMARIES
F1-F3	PLAN VIEW
J1-J4	MISCELLANEOUS DETAILS
P1	EROSION & SEDIMENT CONTROL DETAILS
R1-R3	SIGNING & STRIPING PLAN
S1	TRAFFIC CONTROL PLAN
<b>ALLEN ROAD &amp; MAIN STREET</b>	
A1	TITLE SHEET
B1	TYPICAL SECTIONS
C1	ESTIMATES OF QUANTITIES
D1-D7	SUMMARIES
F1-F8	PLAN VIEW
J1-J6	MISCELLANEOUS DETAILS
P1-P7	EROSION & SEDIMENT CONTROL PLANS
P8-P9	EROSION & SEDIMENT CONTROL DETAILS
R1-R7	SIGNING & STRIPING PLAN
S1-S3	TRAFFIC CONTROL PLAN

PATH: Q:\HNS\69568\END\DOUG'S PLANSET\69568\_AA1\_COMBINED\_TITLE\_SHT.DWG TAB:A1-TITLE SHEET  
Wednesday, August 03, 2011 10:42:30 AM  
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES-SOUTHEAST REGION



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: 7/16/13

APPROVED: *Chuck Correa* 8/7/11  
REGIONAL PRE-CONSTRUCTION ENGINEER DATE  
CHUCK CORREA, P.E.

APPROVED: *Albert H. Clough* 9.28.2011  
DIRECTOR, SOUTHEAST REGION DATE  
ALBERT H. CLOUGH, CPG

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:  
*Maura O'Hara* 10-28-13  
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET	TOTAL
ALASKA	NH-0956(33)~69565	2011	AA1	60
ALASKA	STP-000S(753)~69568	2011		

**ESTIMATE OF QUANTITIES**

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	ALLEN RD. & MAIN ST.	2ND AVE. - UNION ST. TO MAIN ST.	TOTAL QTY.
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD		-24- 30.90	-24- 30.90
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	4274 3238.90	-829- 919.80	-2408- 4158.40
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	-200- 192.30		200- 192.30
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	-2037- 4982.70	-1308- 1366.00	-3425- 6348.70
202 (13)	REMOVAL OF SIGNS	EACH	6 /		6
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	-50- 77.00		-50- 77.00
203 (6)	BORROW	TON	-600- 926.36		-600- 926.36
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	-460- 863.07	-144- 6.80	-574- 869.87
303 (3)	LINEAR GRADING	STATION	40 15.45		10
306 (1)	ATB	TON	-1970- 2201.45	-485- 292.05	-2375- 2643.50
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	-1970- 2214.39	-410- 458.57	-2380- 2472.96
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	-207- 206.03	-43- 37.78	-250- 243.81
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	-8- 5.30	-2- 2.23	-10- 7.53
408 (1)	ASPHALT COLD PLANING	SQUARE YARD	-16672- 17004.70	-3398- 3395.00	-20070- 20399.70
603 (10)	57" X 38" CORRUGATED ALUMINUM PIPE ARCH	LINEAR FOOT	50 /	-300- 0	350- 50
603 (21)-12	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	20 11.30		-20- 11.30
603 (21)-18	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	-80- 78.00		-80- 78.00
603 (21)-24	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	-64- 69.00		-64- 69.00
604 (4)	ADJUST EXISTING MANHOLE	EACH	15 16	3 /	-18- 19.00
604 (5)	INLET, TYPE A	EACH	2 /		2 /
604 (8)	INLET FRAME & GRATE INSTALLATION	EACH	7 5	2 /	-8- 7.00
604 (9)	INLET GRATE REPLACEMENT	EACH	3 0	2 /	-5- 2.00
604 (10)	GUTTER PAN FRAME AND GRATE INSTALLATION	EACH	43 20	2 /	-45- 22.00
608 (1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	-685- 2656.58	-539- 639.74	-1224- 3498.32
608 (1B)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	-230- 341.98	-210- 240.40	-440- 582.44
608 (6)	CURB RAMP	EACH	26 2.5	7 /	-33- 32.00
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	-4870- 4840.80	-1388- 1442.00	-3358- 6282.80
615 (1)	STANDARD SIGN	SQUARE FOOT	-395- 440.22	-64- 62.4	-459-
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	-34- 54	10 /	-44- 64.00
639 (3)	DRIVEWAY	EACH	44 16	10 /	-24- 26.00
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (1)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
641 (5)	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
642 (9)	REFERENCE EXISTING MONUMENT	EACH	5 /		5
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	5 /		5
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
648 (1)	ARCHEOLOGICAL MONITOR	HOURLY	-16- 19.00		-16- 19.00
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED

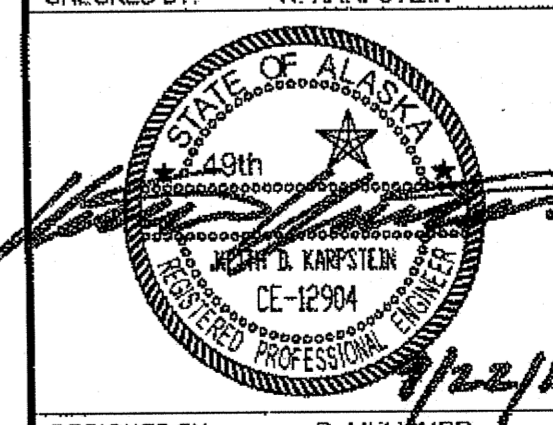
**BASIS OF ESTIMATE**

ITEM NO.	ITEM	ESTIMATING FACTOR
203 (6)	BORROW, TYPE A	1.7 TONS/CY
301 (1)	AGGREGATE BASE COURSE GRADING D-1	1.9 TON/CY ASSUME 25% OF FULL DEPTH REQUIRED FOR ITEM 608(1A) & 609(2) ASSUME FULL DEPTH REQUIRED FOR ITEMS 608(1B)
306 (1)	ATB	119 LBS/SY/IN
401 (1)	ASPHALT CONCRETE	119 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6% OF ITEM 401 (1) - 4.5% OF ITEM 306 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)
-	SEEDING (SUBSIDIARY)	260 SF - 30 LBS/ACRE

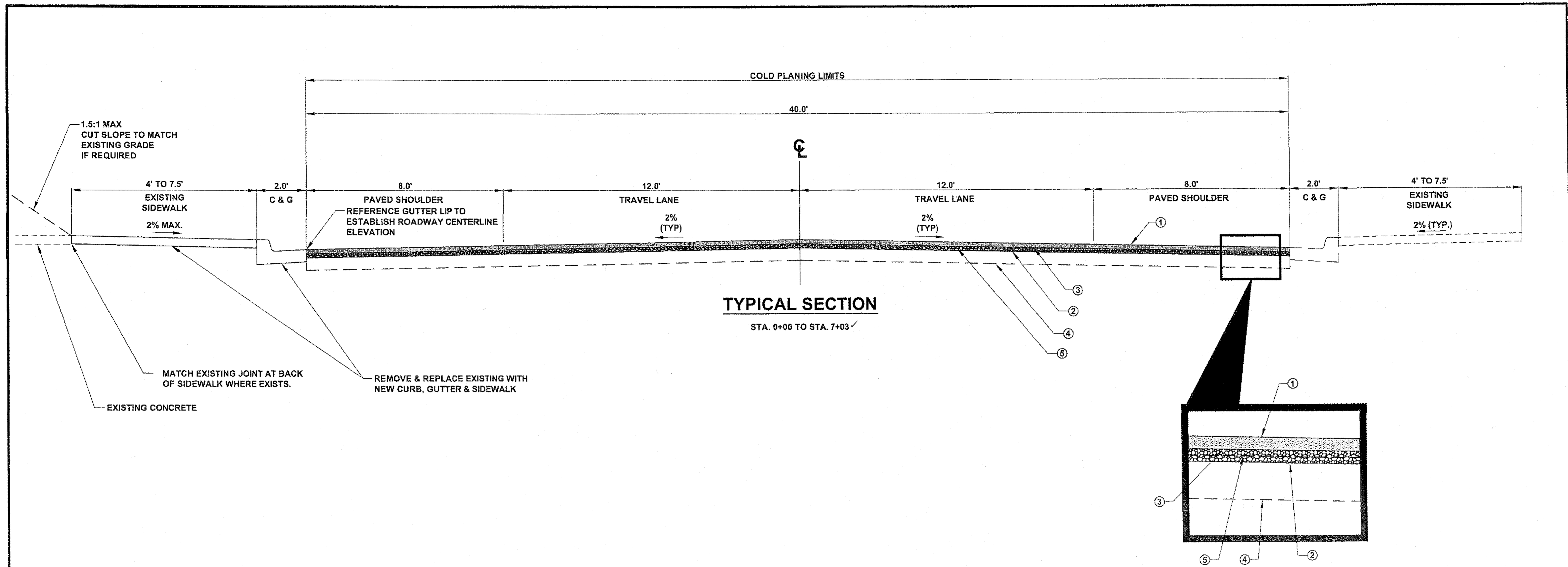
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTION, CO 2	LUMP SUM	ALL REQUIRED
202 (14)	UTILITY ADJUSTMENTS, CO 2	LUMP SUM	ALL REQUIRED
605 (8)	SIDEWALK UNDERDRAIN, CO 2	LUMP SUM	ALL REQUIRED
605 (9)	UNDERDRAIN CLEANOUT COVER, CO 2	LUMP SUM	ALL REQUIRED
608 (4c)	GOLD SPOT STORE DECK, CO 2	LUMP SUM	ALL REQUIRED
608 (4d)	CONCRETE SIDEWALK ADJUSTMENTS, CO 2	LUMP SUM	ALL REQUIRED
611 (1)	RIPRAP, CLASS J, CO 2	CUBIC YARD	5.00
627 (3)	INSTALL VALVE BOX, CO 2	EACH	2.00
640 (4a)	MOBILIZATION AND DEMOBILIZATION, CO 1	LUMP SUM	ALL REQUIRED
640 (4b)	MOBILIZATION AND DEMOBILIZATION, CO 4	LUMP SUM	ALL REQUIRED
640 (4a)	WORKERS MEALS AND LODGING, OR, PER DIEM, CO 1	LUMP SUM	ALL REQUIRED
640 (4b)	WORKERS MEALS AND LODGING, OR PER DIEM, CO 4	LUMP SUM	ALL REQUIRED
641 (1a)	EROSION AND POLLUTION CONTROL ADMINISTRATION, CO 1	LUMP SUM	ALL REQUIRED
641 (1b)	EROSION AND POLLUTION CONTROL ADMINISTRATION, CO 4	LUMP SUM	ALL REQUIRED
642 (3)	THREE PERSON SURVEY PARTY, CO 1	HOURLY	25.33
643 (2a)	TRAFFIC MAINTENANCE, CO 1	LUMP SUM	ALL REQUIRED
643 (2b)	TRAFFIC MAINTENANCE, CO 4	LUMP SUM	ALL REQUIRED
644 (6a)	VEHICLES, CO 1	LUMP SUM	ALL REQUIRED
644 (6b)	VEHICLES, CO 4	LUMP SUM	ALL REQUIRED

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 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION <b>HNS: ALLEN ROAD &amp; MAIN STREET PAVEMENT REHABILITATION PROJECT #69568</b> & <b>HNS: 2ND AVENUE-UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565</b> <b>ESTIMATES OF QUANTITIES</b>	
DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		PROJECT DESIGNATION: NH-0956(33)-69565 YEAR: 2011 SHEET NO.: BB1 TOTAL SHEETS: 60	
PATH: Q:\HNS\69568\EN\DOUG'S PLANSET\DOUG'S_BB1_COMBINED_EST.DWG TAB: BB1 Thursday, September 22, 2011 8:56:26 AM KARPSTEIN, KEITH D. (DOT)		REVISIONS NO. DATE DESCRIPTION	





**TYPICAL SECTION NOTES:**

1. SEE SECTION 642 FOR CONSTRUCTION SURVEYING REQUIREMENTS.
2. CONTRACTOR SHALL ADD AGGREGATE (ITEM 301(1)), IF REQUIRED, OR R.A.M., TO MEET AND ESTABLISH A SMOOTH AND UNIFORM GRADE. THE PROJECT ENGINEER SHALL APPROVE GRADE.
3. SIDEWALK, CURB & GUTTER TO BE REPLACED AS INDICATED ON PLANS.
4. DETAILS ON LEFT SIDE OF TYPICAL SECTION APPLY TO RIGHT SIDE.
5. NEW PAVEMENT FINISH SURFACE SHALL MATCH EXISTING GUTTER LIP ELEVATION. ADJUST COLD PLANING DEPTH AS NECESSARY TO PROVIDE SUFFICIENT DEPTH FOR NEW PAVEMENT SECTION.

**CORE DATA**

CORE DESIGNATION	STATION	THICKNESS	MATERIAL
AC-3	0+09 (14' RT)	0 - 3"	ASPHALT (PATCH)
		3 - 8"	BASE
AC-4	6+75 (14' LT)	0 - 3"	ASPHALT (ORIGINAL PAVEMENT)
		3 - 7 1/2"	ATB
		7 1/2" - 8"	BASE

**LEGEND**

- ① 2" ASPHALT CONCRETE, TYPE II, CLASS B
- ② 2" ASPHALT TREATED BASE (ATB)
- ③ STE-1 TACK COAT
- ④ EXISTING CRUSHED AGGREGATE BASE COURSE
- ⑤ EXISTING ASPHALT CONCRETE

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 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		<b>HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565</b>	
PATH: Q:\HNS\69565\EMD\UG'S PLANSET\69565_B1_TYP.DWG TAB: B1 Tuesday, August 16, 2011 9:17:43 AM MULLINER, DOUGLAS J (DOT)		<b>TYPICAL SECTIONS</b>	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION NH-0956(33)-69565	YEAR 2011
		SHEET NO. B1	TOTAL SHEETS 17

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	-21- 30.90
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	-029- 919.80
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	-1388- 1306.00
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	-114- 6.80
306 (1)	ATB	TON	-405- 292.05
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	-410- 458.57
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	-43- 37.38
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	-2- 2.23
408 (1)	ASPHALT COLD PLANING	SQUARE YARD	-3396- 3296.60
604 (4)	ADJUST EXISTING MANHOLE	EACH	3
604 (8)	INLET FRAME & GRATE INSTALLATION	EACH	2
604 (9)	INLET GRATE REPLACEMENT	EACH	2
604 (10)	GUTTER PAN FRAME AND GRATE INSTALLATION	EACH	2
608 (1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	-539- 629.74
608 (1B)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	-210- 240.46
608 (6)	CURB RAMP	EACH	7
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	-1388- 1442.00
615 (1)	STANDARD SIGN	SQUARE FOOT	-64- 62.40
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	10
639 (3)	DRIVEWAY	EACH	10
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641 (1)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION AND POLLUTION CONTROL AMENDMENTS	CONTINGENT SUM	ALL REQUIRED
641 (5)	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED

NEW ITEMS BY CHANGE ORDER			
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS, CO 2	LUMP SUM	ALL REQUIRED
608 (1c)	GOLD SPOT STORE DECK, CO 2	LUMP SUM	ALL REQUIRED
608 (1d)	CONCRETE SIDEWALK ADJUSTMENTS, CO 2	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE		
ITEM NO.	ITEM	ESTIMATING FACTOR
301 (1)	AGGREGATE BASE COURSE GRADING D-1	1.9 TON/CY ASSUME 25% OF FULL DEPTH REQUIRED FOR ITEMS 608(1A) & 609(2) ASSUME FULL DEPTH REQUIRED FOR ITEM 608(1B)
306 (1)	ATB	119 LBS/SY/IN
401 (1)	ASPHALT CONCRETE	119 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6% OF ITEM 401 (1) - 4.5% OF ITEM 306 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)
-	SEEDING (SUBSIDIARY)	260 SF - 30 LBS/ACRE

UTILITY COMPANY POINTS OF CONTACT "CALL BEFORE YOU DIG 586-1333"			
ELECTRIC	AP&T	DANNY GONCE	766-6500
TELEPHONE	AP&T	BRUCE MESSERSCHMIDT	766-6500
SEWER	CITY AND BOROUGH OF HAINES	BRIAN LEMCKE	766-2257
WATER	CITY AND BOROUGH OF HAINES	BRIAN LEMCKE	766-2257
CABLE	ED&D	ANDY GLACKIN	766-2337

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
PE 3 Date 9/10/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565
DRAWN BY: D. MULLINER	ESTIMATES OF QUANTITIES
PATH: Q:\HNS\69565\EN\DOUG'S PLANSET\69565_C_EST.DWG	
TAB: C1 Wednesday, September 21, 2011 3:44:28 PM KARPSTEIN, KEITH D. (DOT)	
NO. DATE DESCRIPTION	PROJECT DESIGNATION YEAR SHEET TOTAL
	NH-0956(33)-69565 2011 C1 17

202(3) REMOVAL OF SIDEWALK				
OFFSET	STATION		AREA (SY)	REMARKS
	FROM	TO		
RT	0+00	3+40.23	16074.1	INCLUDES 6'x6' APRON 1+92-1+93 RT AND AMERICAN LEGION AREA RT.
LT	0+00	1+28	10906.5	ALLEY LT
RT	1+35	-	2619.7	APPROX 4'x4' CONCRETE DRIVEWAY/ALLEY APRON
LT	1+41	3+13	44032.9	DALTON ST LT
LT	3+48.38	6+88 ✓	16061.8	EDP LT
RT	3+39.32	7+04.86	274160.3	REMOVAL OF TWO CONCRETE APRONS INCLUDED DALTON ST RT (CAPTAINS CHOICE MOTEL)
RT	4+10	4+66	79.1	REMOVAL OF TWO CONCRETE APRONS (CAPTAINS CHOICE)

**604(8) INLET FRAME & GRATE REPLACEMENT**

STATION	OFFSET	COMMENTS
3+74 ✓	LT	GRATE STYLE PER STD. DWG. D-22.01
3+74 ✓	RT	GRATE STYLE PER STD. DWG. D-22.01

NOTE: CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL FRAME AND GRATE DIMENSIONS PRIOR TO ORDERING.

**604(9) INLET GRATE REPLACEMENT**

STATION	OFFSET	COMMENTS
1+50 ✓	RT ✓	GRATE STYLE PER STD. DWG. D-22.01
5+44 ✓	RT ✓	GRATE STYLE PER STD. DWG. D-22.01

NOTE: CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL FRAME AND GRATE DIMENSIONS PRIOR TO ORDERING.

**604(10) GUTTER PAN FRAME & GRATE INLET INSTALLATION**

STATION	OFFSET	COMMENTS
1+56 ✓	LT	GRATE STYLE PER STD. DWG. D-22.01
5+44 ✓	LT	GRATE STYLE PER STD. DWG. D-22.01

NOTE: CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL FRAME AND GRATE DIMENSIONS PRIOR TO ORDERING.

**202(9) REMOVAL OF CURB & GUTTER**

OFFSET	STATION		LENGTH (LF)	REMARKS
	FROM	TO		
RT	0+00	3+40.17	33017	DALTON ST RT
LT	0+00	1+28.34.5	13534.5	ALLEY LT
LT	1+41 ✓	3+13.5	10078.5	DALTON ST LT
LT	3+48.38	6+88.09	35851	EDP LT
RT	3+39.32	7+04.09	37577	EDP RT

**604(4) ADJUST EXISTING MANHOLE**

STATION	OFFSET	DESCRIPTION	REMARKS
1+44 ✓	22' LT	SDMH	
1+89 ✓	14' LT	SSMH	
5+14 ✓	5' LT	SSMH	

**608(1A) CONCRETE SIDEWALK (4 INCH)**

STATION FROM	STATION TO	OFFSET	LENGTH (FT)	AREA (SY)	REMARKS
0+00	1+22 ✓	RT	422 ✓	68.61	BOP - ALLEY RT
0+00	0+46	LT	46	38.41	BOP - ALLEY LT
0+78	1+16	LT	38.51	32.41	ALLEY
1+47.48	2+04.75	RT	447.127	74.56	ALLEY - S.E. CORNER DALTON ST.
2+75	-	RT	-	22.48	CONCRETE SIDEWALK WORK AROUND NEW RAMP & ENTRANCE AREA AMERICAN LEGION (SE COR. DALTON ST. & 2ND AVE.) ✓ AREA
1+60	2+93	LT	134	74.101	ALLEY - N.W. CORNER DALTON ST.
-	-	LT	-	-	MATCH SECTION OF SIDEWALK INTO EXISTING SIDEWALK (SW COR. DALTON ST. & 2ND AVE. INTERSECTION)
-	-	LT	-	-	END SECTION OF SIDEWALK OFF OF NEW CURB RAMP (NW COR. DALTON ST. & 2ND AVE. INTERSECTION)
3+67 ✓	4+32.34	LT	65.67	28.30	
-	-	RT	-	-	MATCH SECTION OF SIDEWALK INTO EXISTING SIDEWALK (NE COR. DALTON ST. & 2ND AVE. INTERSECTION)
3+56 ✓	3+84.85	RT	28.54 ✓	48.30	N.E. CORNER DALTON ST. & 2ND AVE INTERSECTION
4+58 ✓	4+77 ✓	LT	19 ✓	36.8	
4+46.25	4+69.34	RT	36.9	46.4	
5+03.02	5+20.16	LT	47.14	8.6	
4+82.86	4+94.90	RT	8.4	4.1	
5+44.48	5+69.70	LT	25.22	44.10	
5+95.90	6+88 ✓	LT	93.92	41 ✓	
5+24.20	6+43 ✓	RT	93 ✓	41 ✓	
6+39 ✓	7-6+78-03	RT	38.64	47.28	

ADDENDUM NO. 1.

**608(6) CURB RAMP**

STATION	OFFSET	REMARKS
1+25	LT	
1+50	LT	
3+05	LT	SW CORNER OF 2ND AVE. & DALTON ST.
3+05	RT	SE CORNER OF 2ND AVE. & DALTON ST.
3+55	LT	NW CORNER OF 2ND AVE. & DALTON ST.
3+44	RT	NE CORNER OF 2ND AVE. & DALTON ST.
6+92	RT	

**608(6) CURB RAMP**

STATION	OFFSET	REMARKS
1+20 ✓	LT	
1+50 ✓	LT	
3+05 ✓	LT	SW CORNER OF 2ND AVE. & DALTON ST.
3+05 ✓	RT	SE CORNER OF 2ND AVE. & DALTON ST.
3+55 ✓	LT	NW CORNER OF 2ND AVE. & DALTON ST.
3+44 ✓	RT	NE CORNER OF 2ND AVE. & DALTON ST.
6+92 ✓	RT	

**627(10) ADJUST VALVE BOX**

STATION	OFFSET	REMARKS
0+80 ✓	28' LT	CURB STOP
0+87	23' RT	CURB STOP
1+64 ✓	23' RT	NOT IN SERVICE - REASONED CURB STOP
3+20 ✓	12' RT	
3+22 ✓	15' RT	
3+22 ✓	10' RT	
3+22 ✓	44' LT	
3+28 ✓	12' RT	
5+99 ✓	23' RT	CURB STOP
0+37	7' RT	
5+00	28' LT	CURB STOP

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed. Date 7/10/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



DESIGNED BY: D. MULLINER  
DRAWN BY: D. MULLINER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565

**SUMMARIES**

NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-0956(33)-69565	2011	D1	17

**608(1B) CONCRETE SIDEWALK (6 INCH)/639(3) DRIVEWAY**

STATION	OFFSET	DW WIDTH (FT)	6" CONCRETE DEPTH LIMITS (FT)	AREA (SY)	REMARKS
0+62 ✓	LT ✓	20 ✓	36.31	29.24	
1+35 ✓	RT ✓	14 ✓	29.25.5	46.30	ALLEY
4+00 ✓	RT ✓	20 ✓	36.41	43.34	(DRIVEWAY APRON) CAPTAINS CHOICE MOTEL ENTRANCE (CONCRETE PARKING LOT) ✓
4+46 ✓	LT ✓	44.13	29.24.5	43.11	SEED ALL GRADING AREAS BEHIND DRIVEWAY DUE TO CONSTRUCTION ✓
4+66 ✓	RT ✓	20 ✓	36.45	43.39	(DRIVEWAY APRON) CAPTAINS CHOICE MOTEL ENTRANCE (CONCRETE PARKING LOT) ✓
4+90 ✓	LT ✓	14 ✓	29.26	43.12	
5+06.5	RT ✓	18 ✓	29.30	46.13	
5+32 ✓	LT ✓	12 ✓	27.32	42.14	
5+83 ✓	LT ✓	14 ✓	29.26.5	43.12	ALLEY - FIRE LANE
6+26 ✓	RT ✓	14 ✓	29.26	43.12	

**615(1) STANDARD SIGN SUMMARY**

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
1	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	0+44	LT	R7P	12	18	1.5	2.5 PST	4'-6"	SB	
2	ALASKA-7-HIGHWAY	1+91	LT	M1-5	36	36	9.0	2.5 PST	4'-6"	SB	
3	RIGHT ARROW	1+91	LT	M5-1R	21	15	2.2	-	-	SB	MOUNT UNDER SIGN #2
4	CANADA BORDER ARROW RIGHT/PORT CHILKOOT ARROW LEFT	2+95	LT	D1-2-2	90	24	15.0	(2) 2.5 PST	4'-6"	SB	FONT SERIES EM, 6" / 4.5" LETTER HEIGHT
5	2ND AVE	3+03	LT	D3-1	30	8	1.7	-	-	SB/NB	MOUNT ABOVE SIGN #8 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
6	DALTON ST	3+03	LT	D3-1	30	8	1.7	-	-	EB/WB	MOUNT ABOVE SIGN #6 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
7	STOP SIGN	3+03	LT	R1-1	30	30	6.3	2.5 PST	4'-6"	EB	
8	STOP SIGN	3+48	RT	R1-1	30	30	6.3	2.5 PST	4'-6"	WB	
9	2ND AVE	3+48	RT	D3-1	30	8	1.7	-	-	SB/NB	MOUNT ABOVE SIGN #9 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
10	DALTON ST	3+48	RT	D3-1	30	8	1.7	-	-	EB/WB	MOUNT ABOVE SIGN #10 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
11	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	6+85	RT	R7P	12	18	1.5	2.5 PST	4'-6"	SB	MOUNT ABOVE SIGN #12
12	QUESTION MARK "?"	6+85	LT	D9-10	24	24	4.0	-	-	SB	
13	INFORMATION	6+85	LT	D9-10	24	6	1.0	-	-	SB	MOUNT BELOW SIGN #13
14	1500 FT	6+85	LT	D9-308	24	6	1.0	-	-	SB	MOUNT BELOW SIGN # 14
15	NO "U" TURN	6+95	RT	R3-4	30	30	6.3	2.5 PST	4'-6"	NB	
16	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	6+95	RT	R7P	12	18	1.5	-	-	NB	MOUNT UNDER SIGN #16

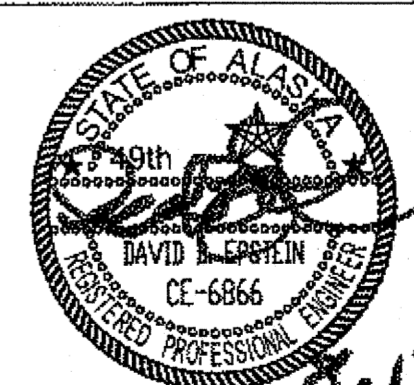
APPENDIX No. 1

**STRIPING SUMMARY**

BEGIN STATION	END STATION	LINEAR	REMARKS
0+00 ✓	2+98 ✓	298 ✓	4" CL DOUBLE SOLID YELLOW
0+00 ✓	2+98 ✓	298 ✓	(RT-FOG LINE) 4" WHITE
0+00 ✓	1+17 ✓	117 ✓	(LT-FOG LINE) 4" WHITE
1+52 ✓	2+98 ✓	146 ✓	(LT-FOG LINE) 4" WHITE
- ✓	- ✓	330 ✓	24" WHITE (INTERSECTION OF 2ND AVE. & DALTON ST.)
3+56 ✓	6+85 ✓	329 ✓	4" CL DOUBLE SOLID YELLOW
3+56 ✓	6+85 ✓	329 ✓	(RT-FOG LINE) 4" WHITE
3+63 ✓	6+85 ✓	322 ✓	(LT-FOG LINE) 4" WHITE

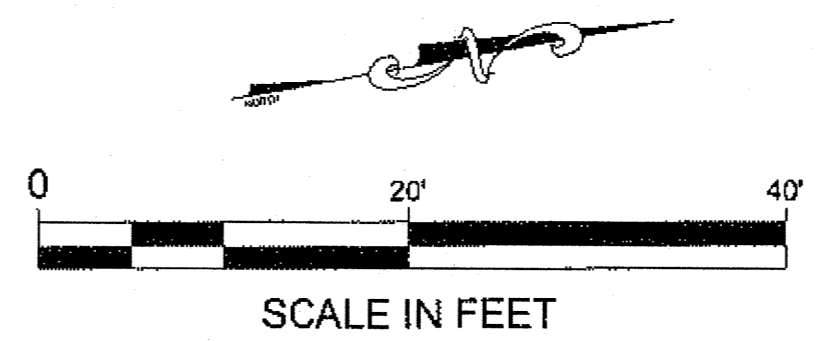
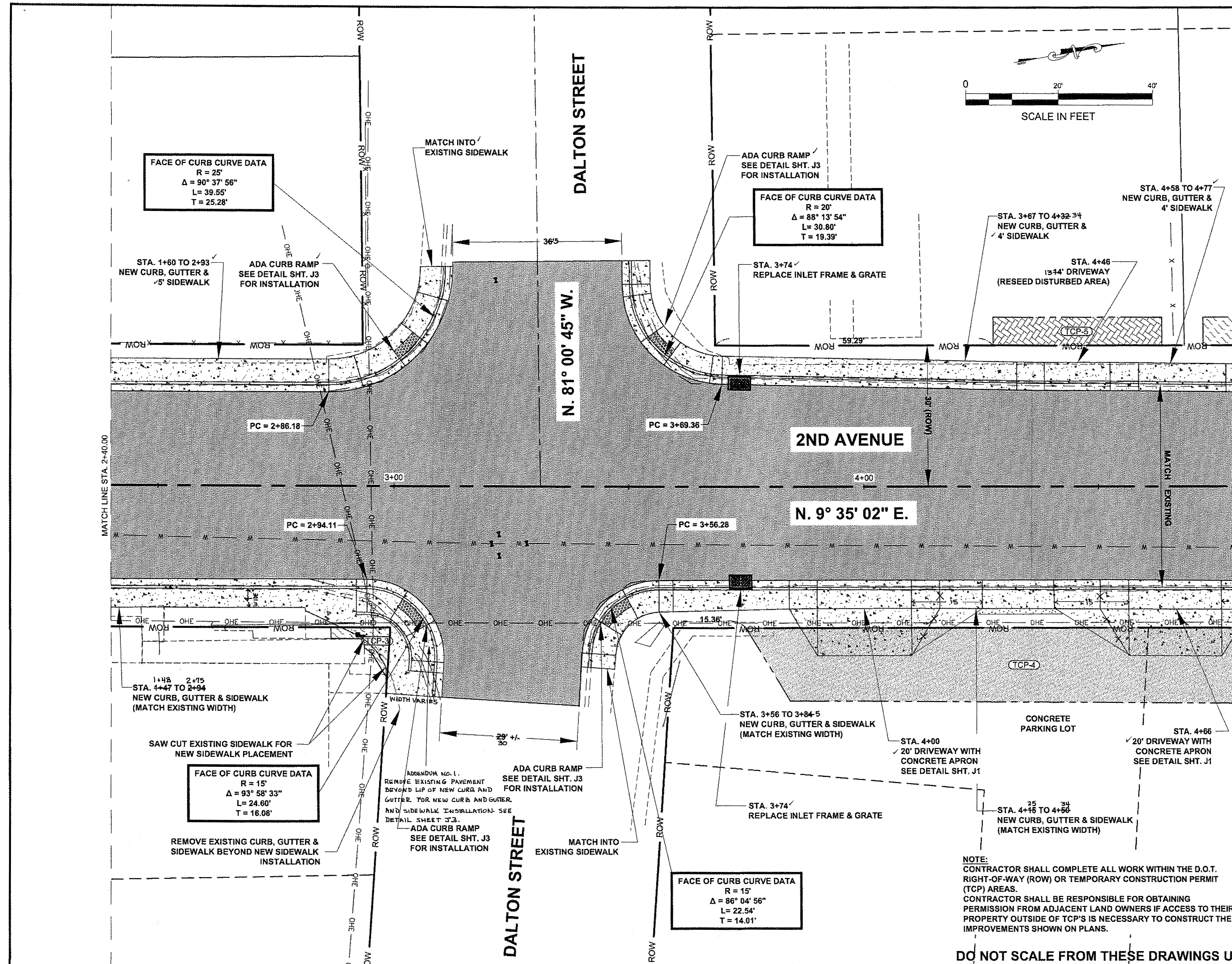
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE 3 Date 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
	HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565	
<p align="center"><b>SUMMARIES</b></p>		
CHECKED BY: D. EPSTEIN DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER	PROJECT DESIGNATION NH-0956(33)-69565	YEAR 2011
PATH: Q:\HNS\69565\EN\DOUG'S PLANSET\69565_D2_SUM.DWG TAB: D2 Wednesday, August 17, 2011 11:00:14 AM MULLINER, DOUGLAS J (DOT)	SHEET NO. D2	TOTAL SHEETS 17







PATH: Q:\HNS\69565\EN\DOUG'S PLANSET\69565\_F1\_PLAN.DWG

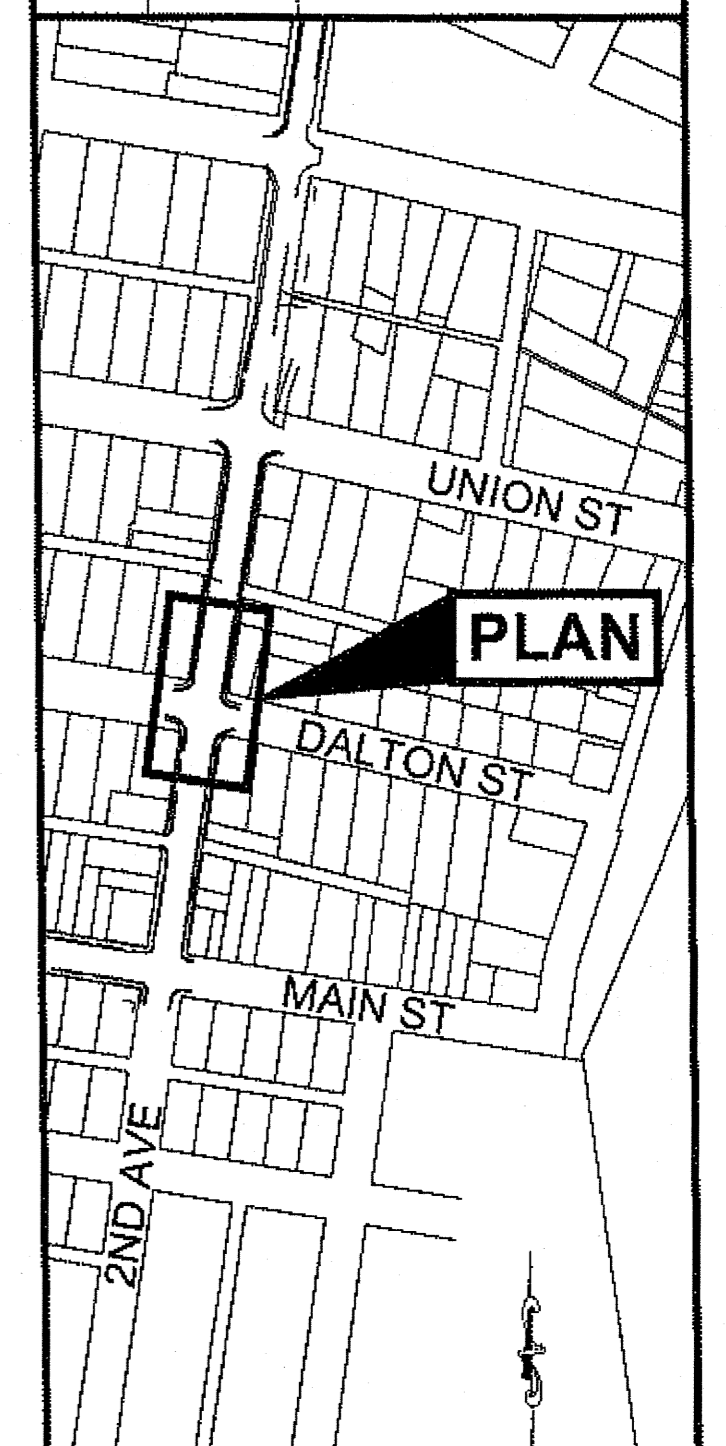
MULLINER, DOUGLAS J (DOT)  
 TAB: F2  
 Thursday, August 04, 2011 1:31:10 PM

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 Date 8/18/13

**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. RYDER, D. MULLINER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

HNS-2ND AVENUE-UNION STREET TO MAIN STREET REHABILITATION PROJECT #69565

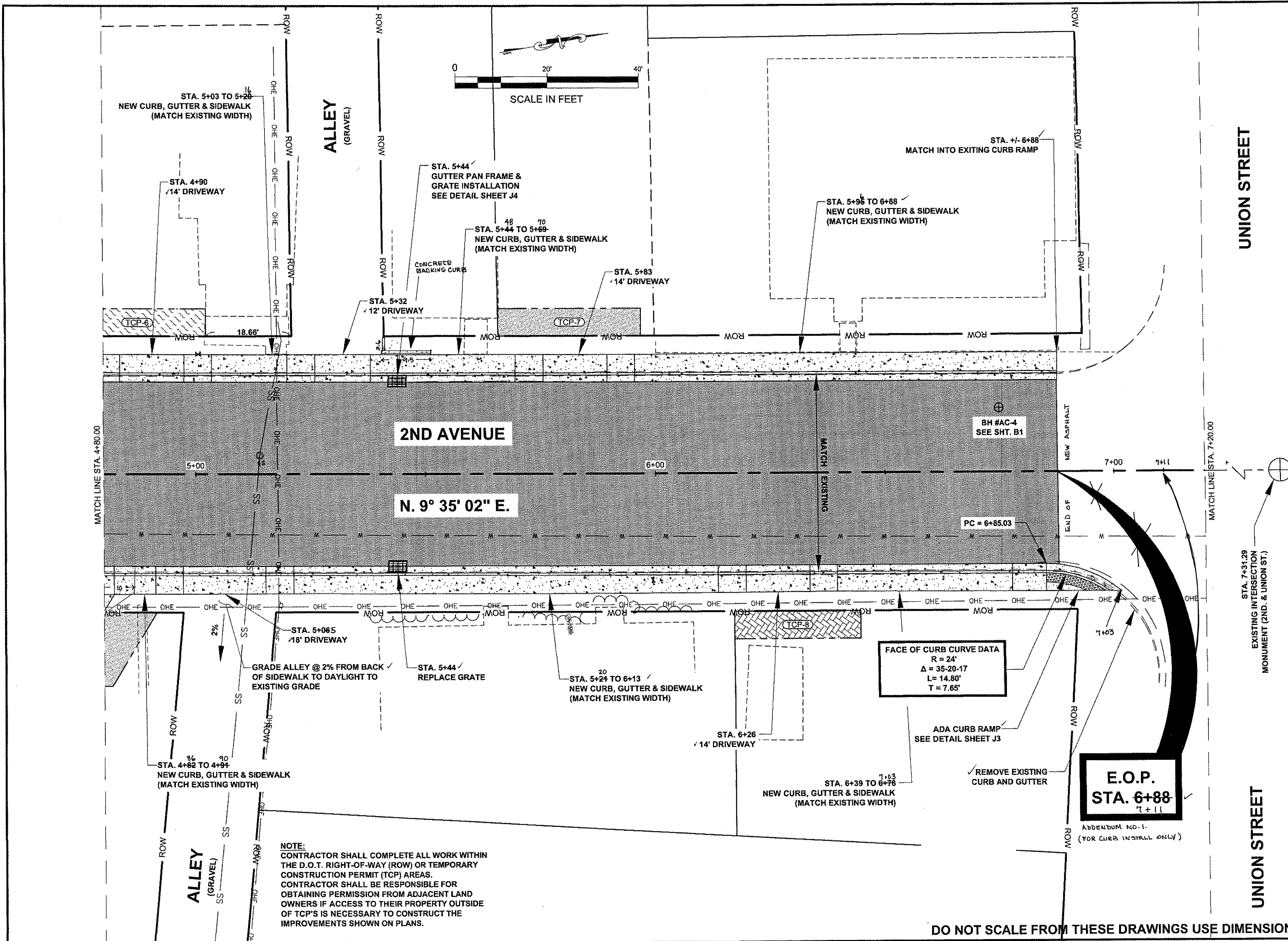
**PLAN VIEW**

PROJECT DESIGNATION  
**NH-0956(33)-69565**

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F2	17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH: Q:\HNS\69565\ENIDOU'S  
PLANSET69565\_F1\_PLAN.DWG

MULLINER, DOUGLAS J (DOT)  
TAB: F3 Tuesday, August 23, 2011 2:43:23 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

UNION ST  
DALTON ST  
MAIN ST  
2ND AVE

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: [Signature] Date: 8/23/11

**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. RYDER, D. MULLINER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

KEITH D. KARPSTEIN  
CE-12904  
REGISTERED PROFESSIONAL ENGINEER  
8/23/11

HNS-2ND AVENUE-UNION  
STREET TO MAIN STREET  
REHABILITATION  
PROJECT #69565

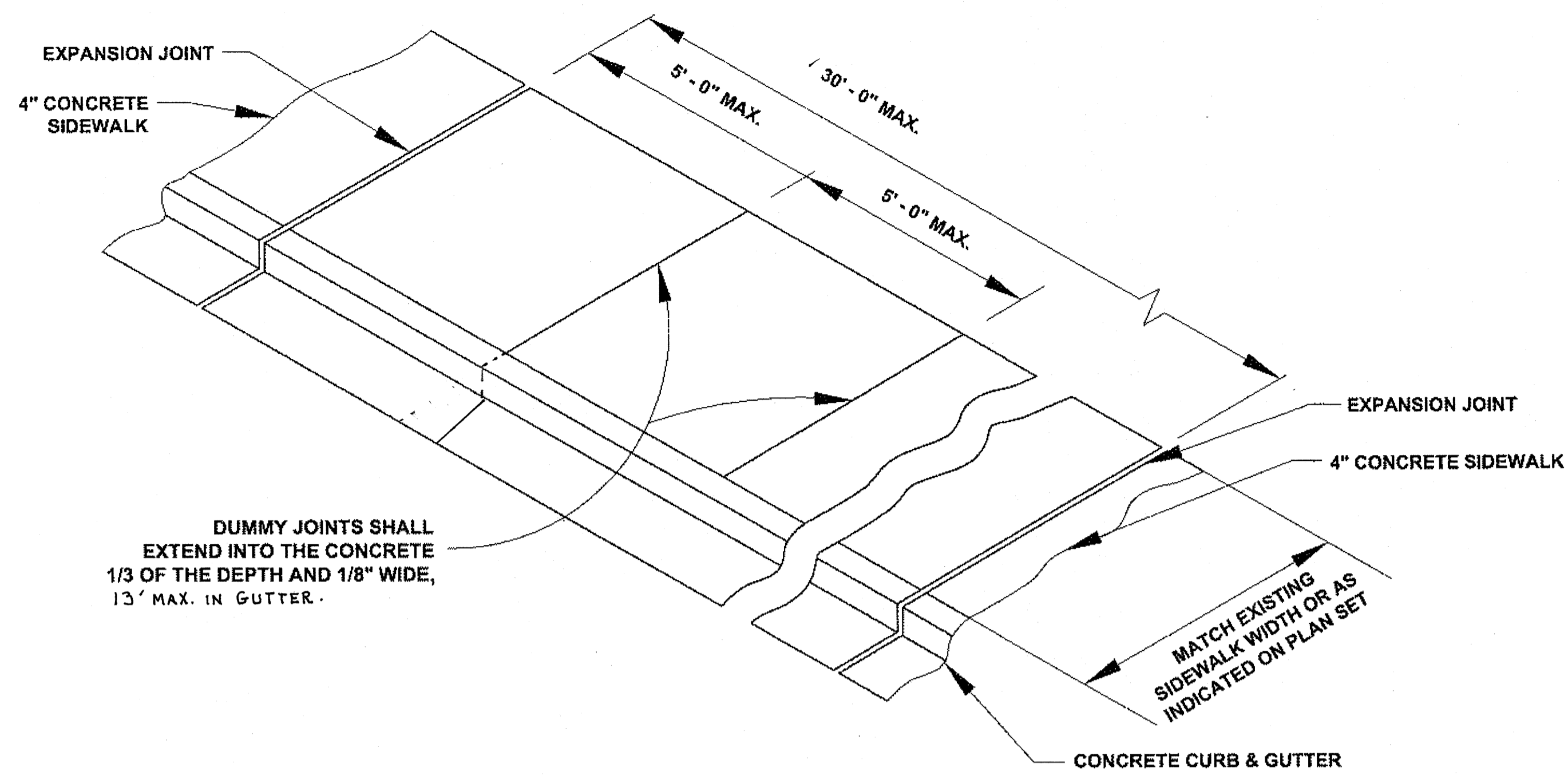
**PLAN VIEW**

PROJECT DESIGNATION  
NH-0956(33)-69565

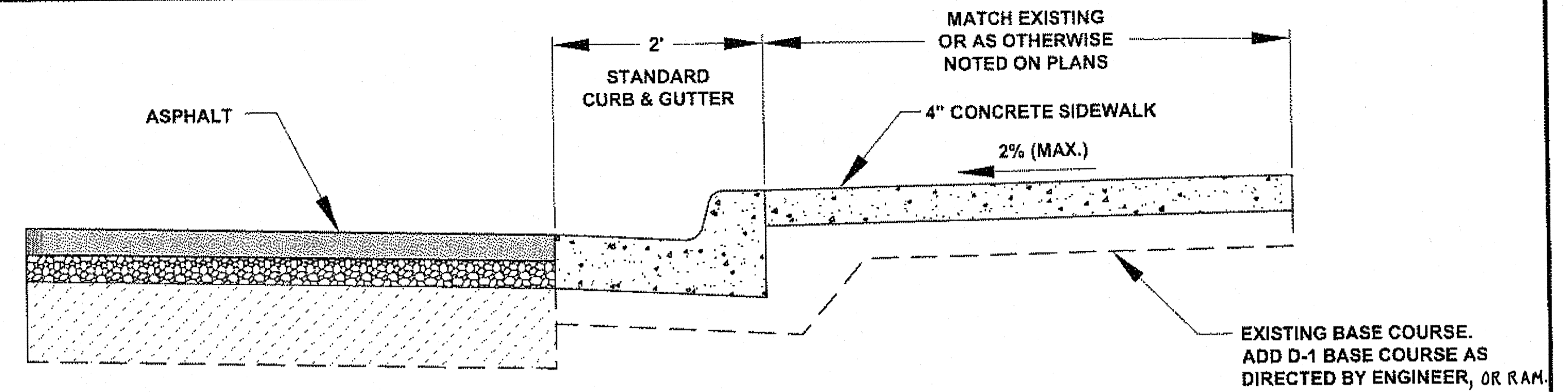
STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F3	17

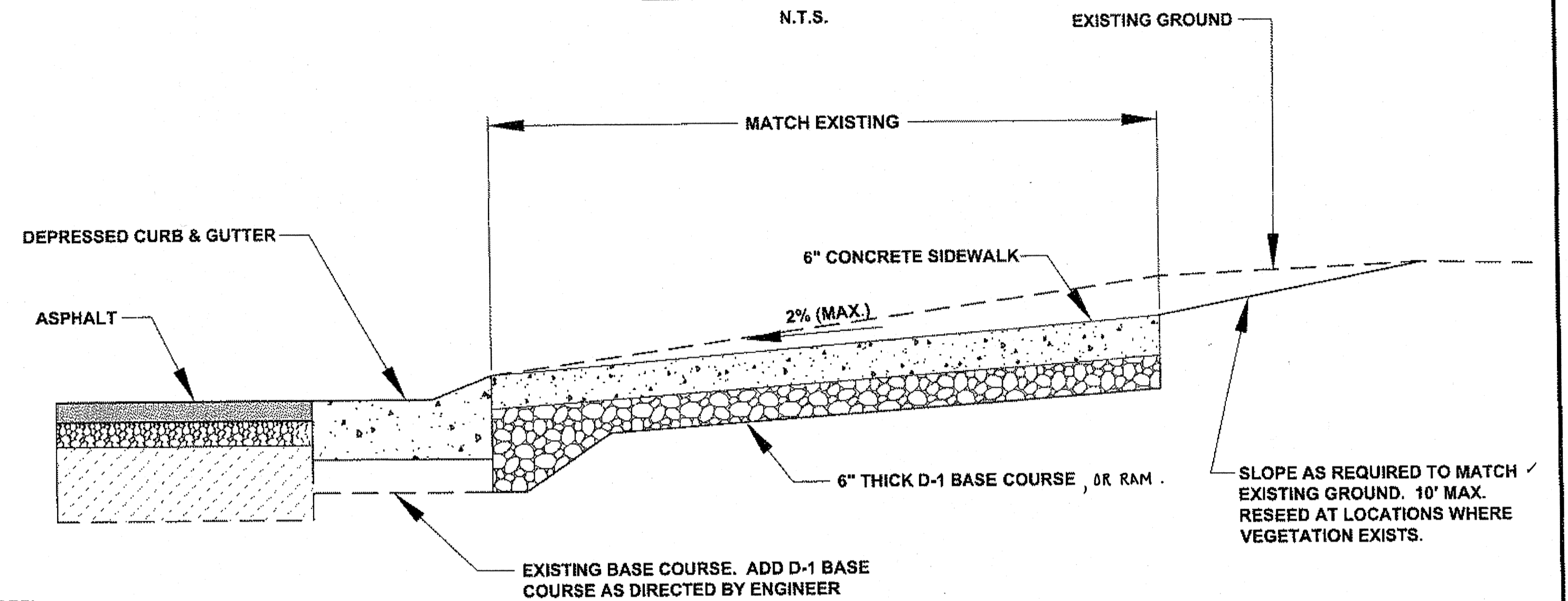
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



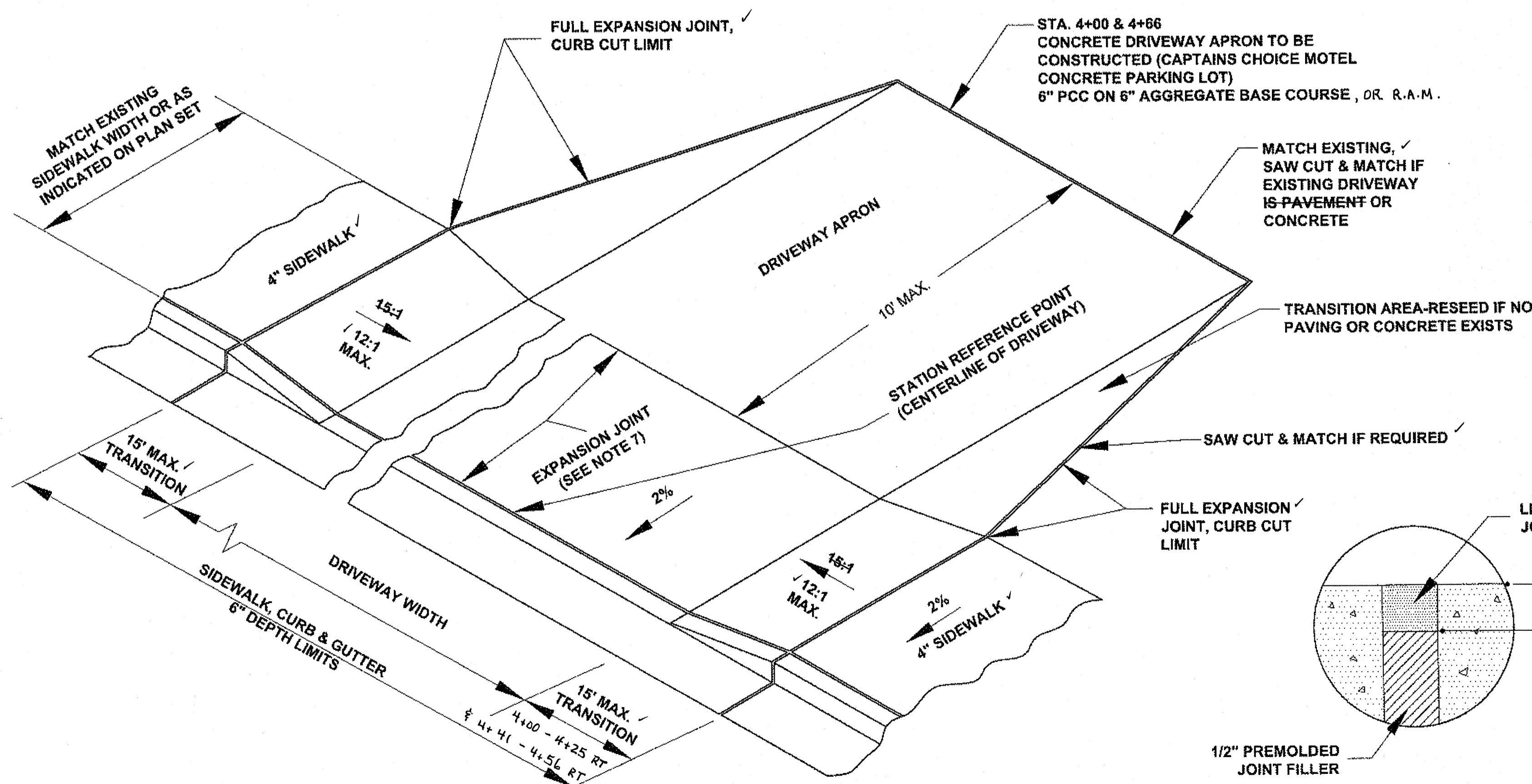
**TYPICAL SIDEWALK, CURB & GUTTER DETAIL**  
N.T.S.



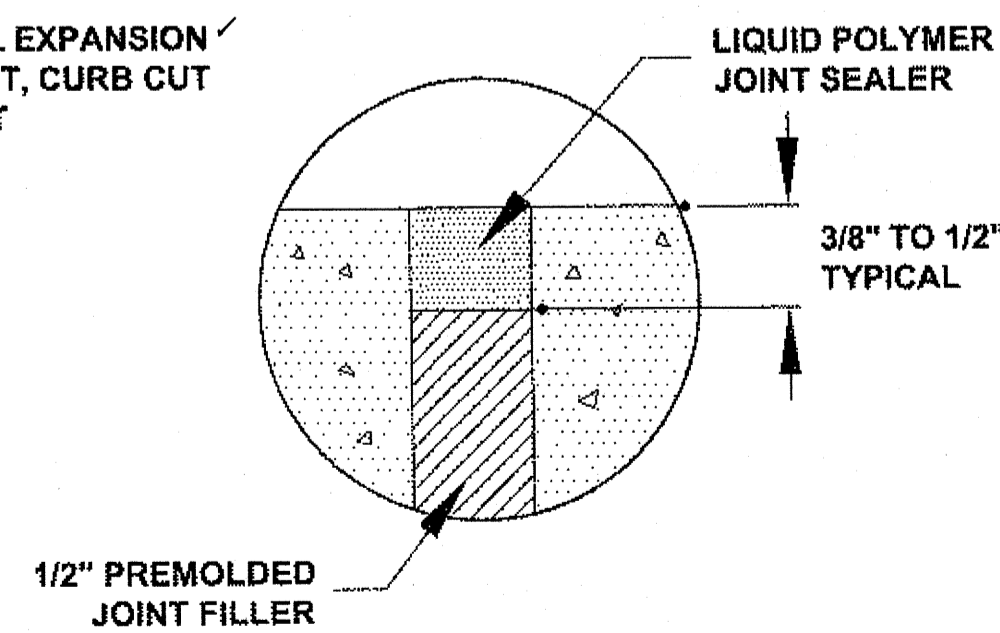
**SIDEWALK DETAIL**  
N.T.S.



**DRIVEWAY DETAIL**  
N.T.S.



**DRIVEWAY RAMP DETAIL**  
N.T.S.



**EXPANSION JOINT DETAIL**  
N.T.S.

**SIDEWALK, CURB & GUTTER NOTES**

1. CONCRETE SIDEWALKS, CURB & GUTTER EXPANSION JOINTS SHALL BE PLACED IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB AND SIDEWALK CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
2. CONCRETE SIDEWALKS DUMMY JOINTS SHALL EXTEND INTO CONCRETE 1/3 THE DEPTH AND 1/8" WIDE AT 5' MAXIMUM INTERVALS BETWEEN EXPANSION JOINTS.
3. ALL JOINTS AND SEAMS SHALL BE EDGED.
4. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
5. CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
6. CURB AND GUTTER CONSTRUCTION SHALL MAINTAIN EXISTING FLOW LINE.
7. EXPANSION JOINT REQUIRED BETWEEN SIDEWALK AND DRIVEWAY, AND BETWEEN SIDEWALK AND CURB.
8. ALL CONCRETE WITHIN THE CURB CUT LIMITS FOR DRIVEWAYS SHALL BE 6" THICK AND SHALL BE POURED ON A 6" D-1 BASE COURSE COMPACTED TO 95% OF ITS MAXIMUM DENSITY, OR R.A.M. DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

DATE: Tuesday, August 09, 2011 9:23:38 AM

PROJECT DESIGNATION: NH-0956(33)-69565

YEAR: 2011

SHEET NO.: J1

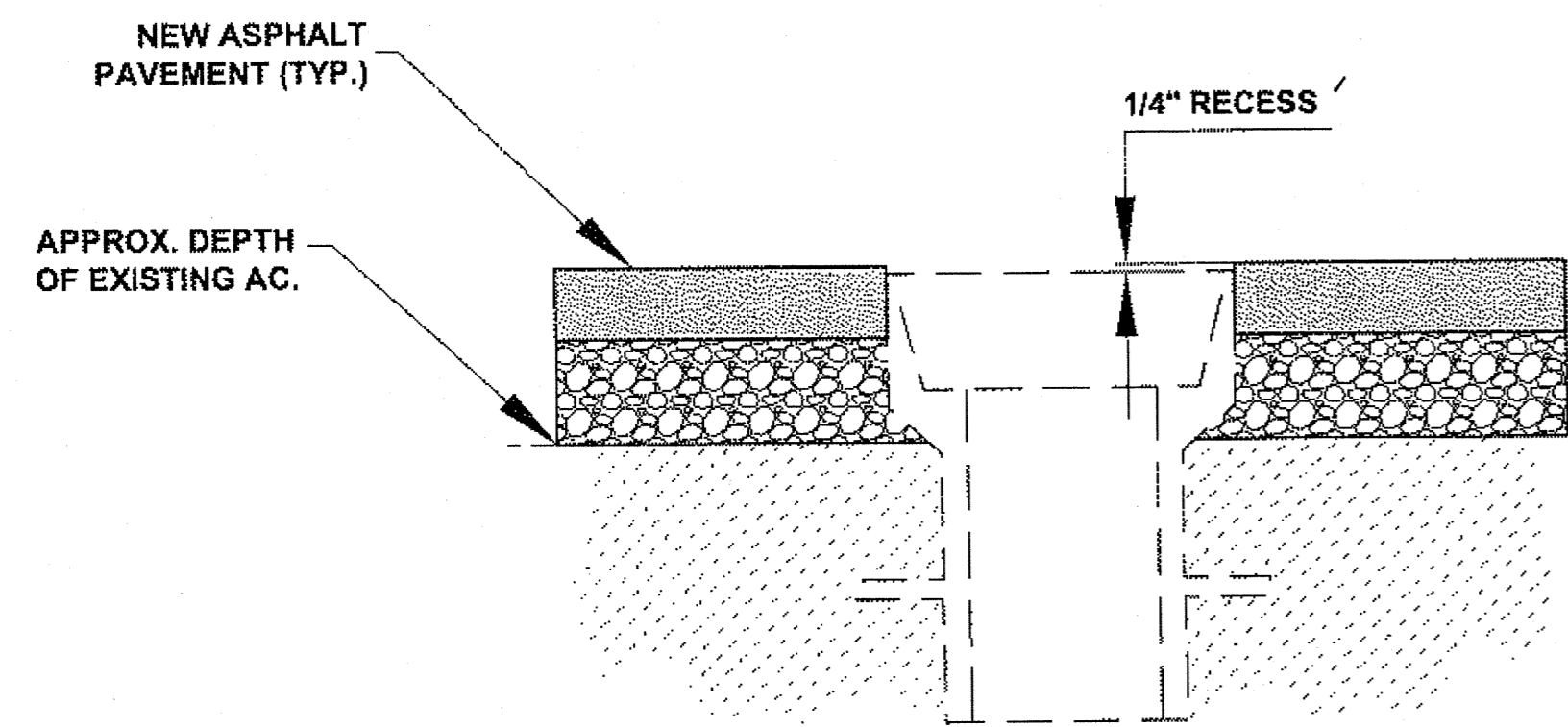
TOTAL SHEETS: 17

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565

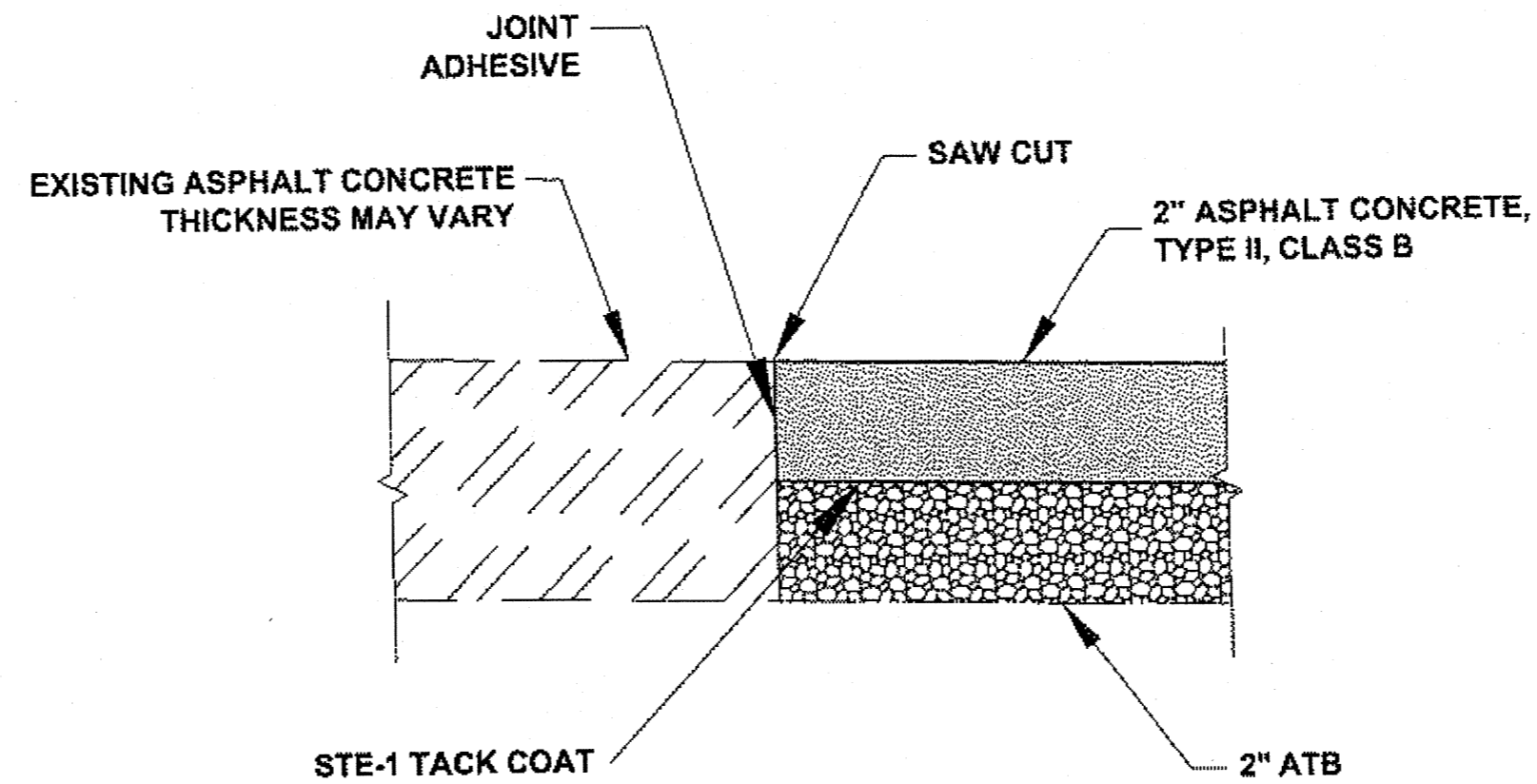
MISC. DETAILS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed. Date 7/10/13



**VALVE BOX ADJUSTMENT DETAIL**

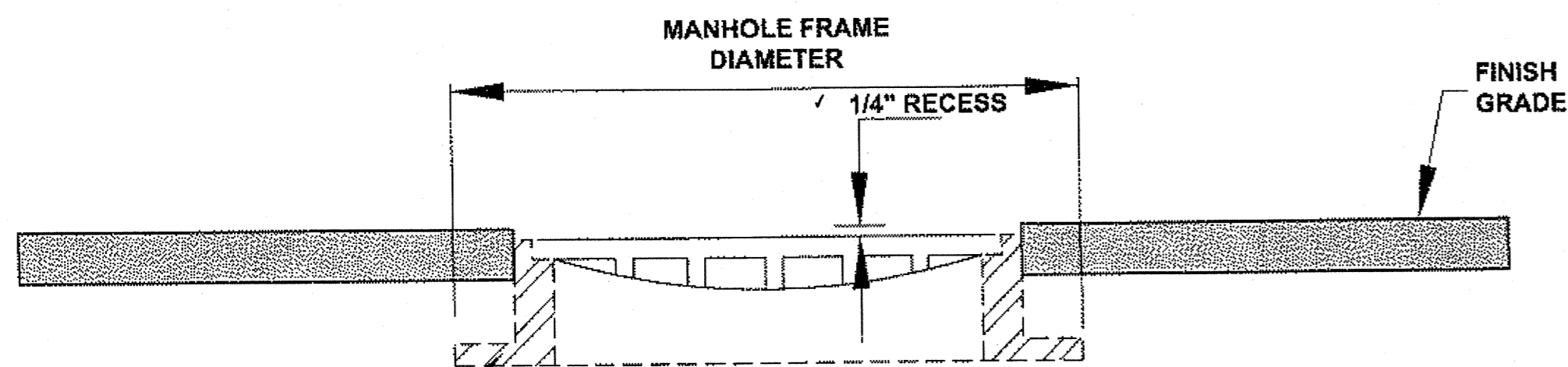
N.T.S.



**MATCH JOINT DETAIL**

N.T.S.

STA. 0+00 (BOP) TO STA. 7+03 (EOP)  
L+88




**MANHOLE DETAIL**

N.T.S.

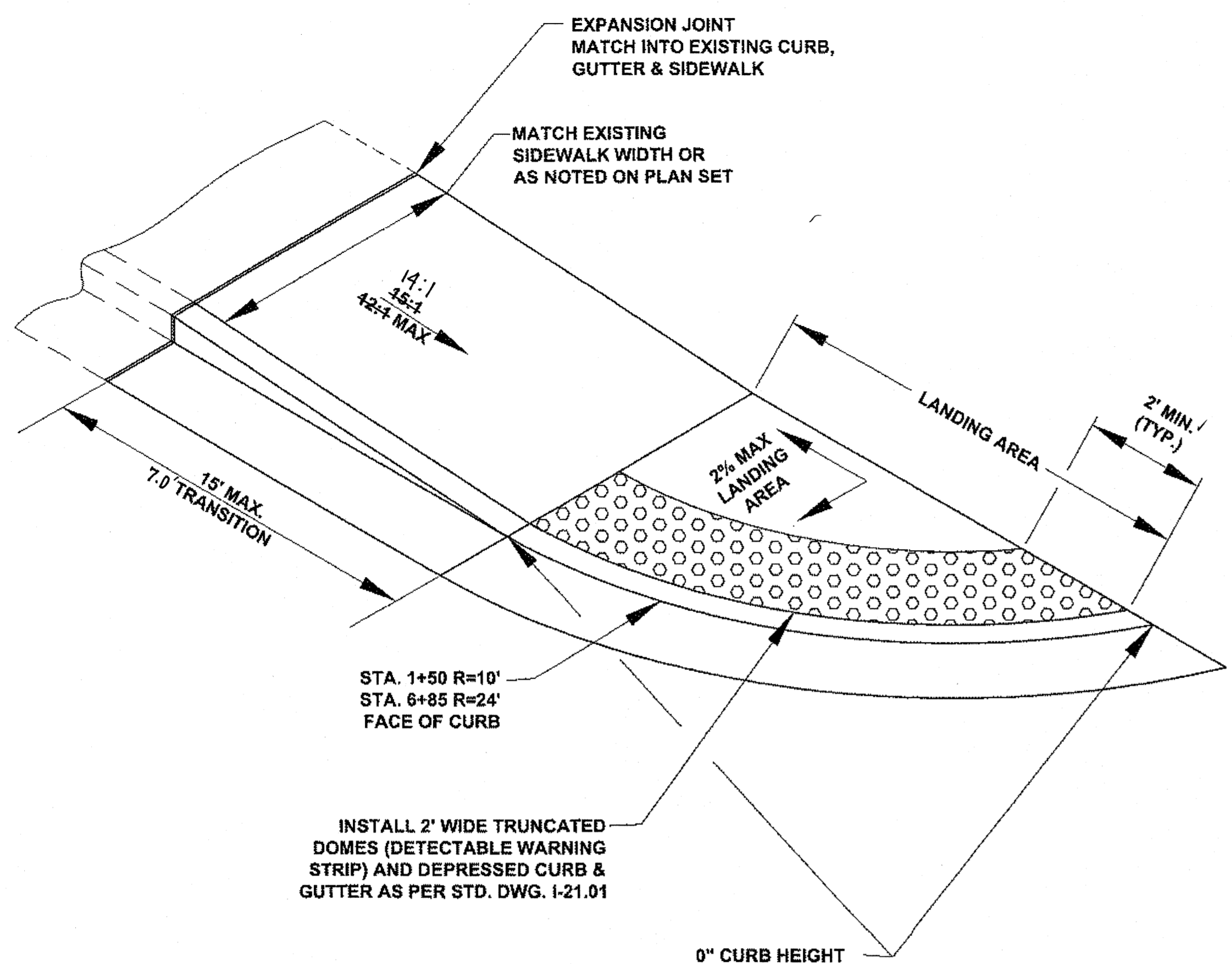
**MANHOLE ADJUSTMENT NOTES:**

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

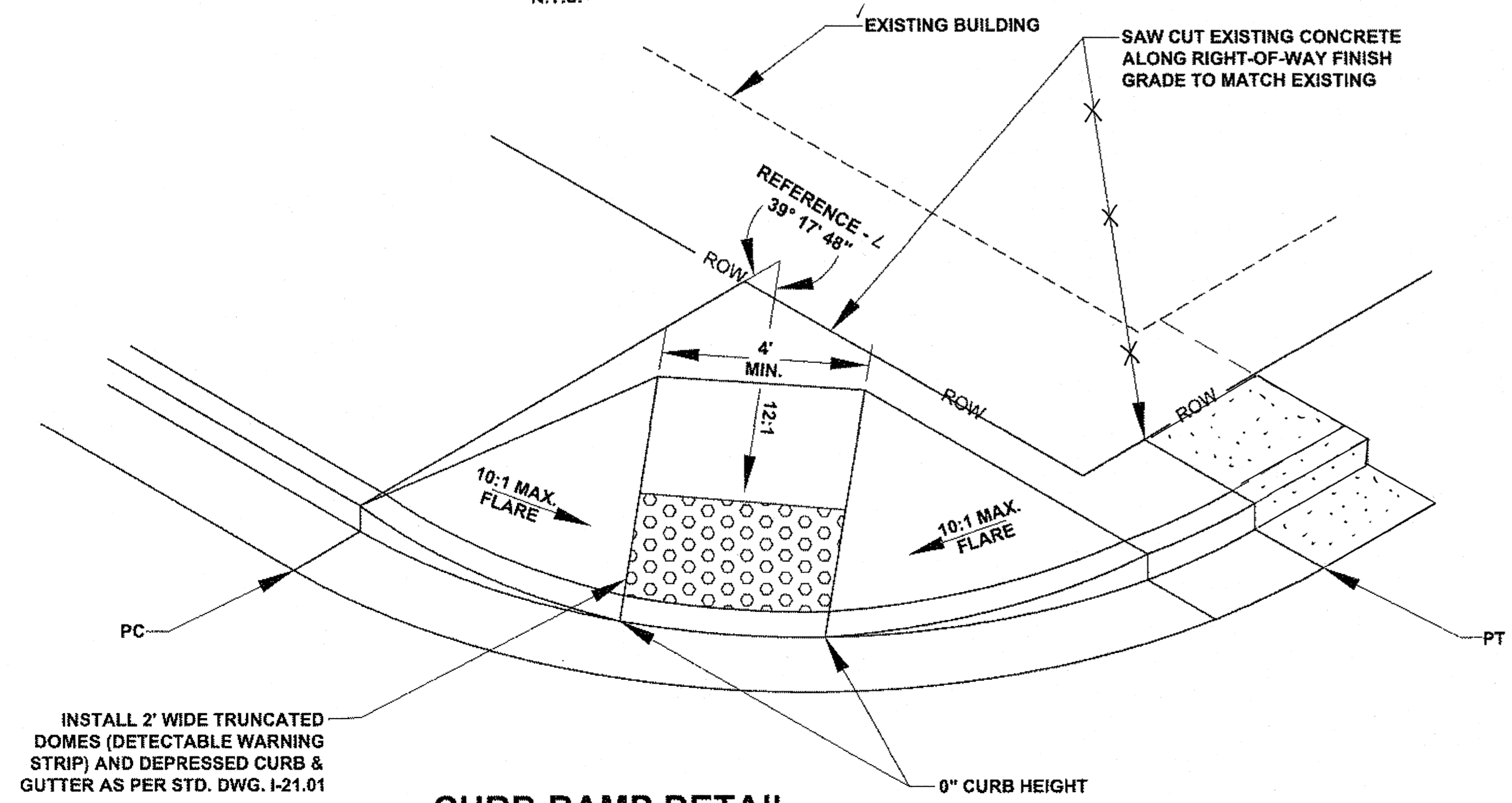
CHECKED BY: K. KARPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		<b>HNS-2ND AVENUE UNION STREET          TO MAIN STREET PAVEMENT          REHABILITATION          PROJECT #69565</b>	
PATH: Q:\HNS\69565\EN\DOUG'S PLANSET\69565_J_MISC DETAIL.DWG TAB: J2      Wednesday, August 03, 2011 10:16:49 AM      MULLINER, DOUGLAS J (DOT)		<b>MISC. DETAILS</b>	
PROJECT DESIGNATION: NH-0956(33)-69565		YEAR: 2011	SHEET NO.: J2
TOTAL SHEETS: 17			

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 7/10/13



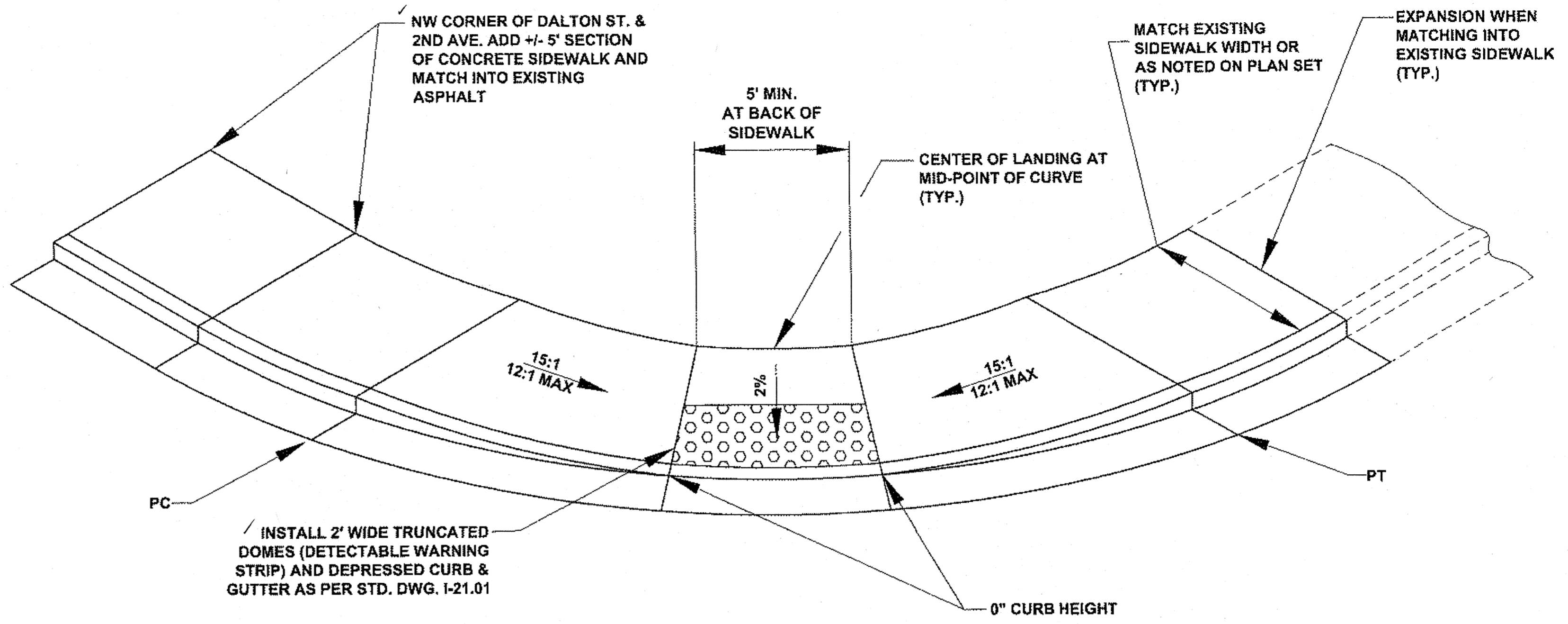
**ONE WAY DIRECTIONAL CURB RAMP  
STA. 1+50 (LT) & 6+85 (RT)**

N.T.S.



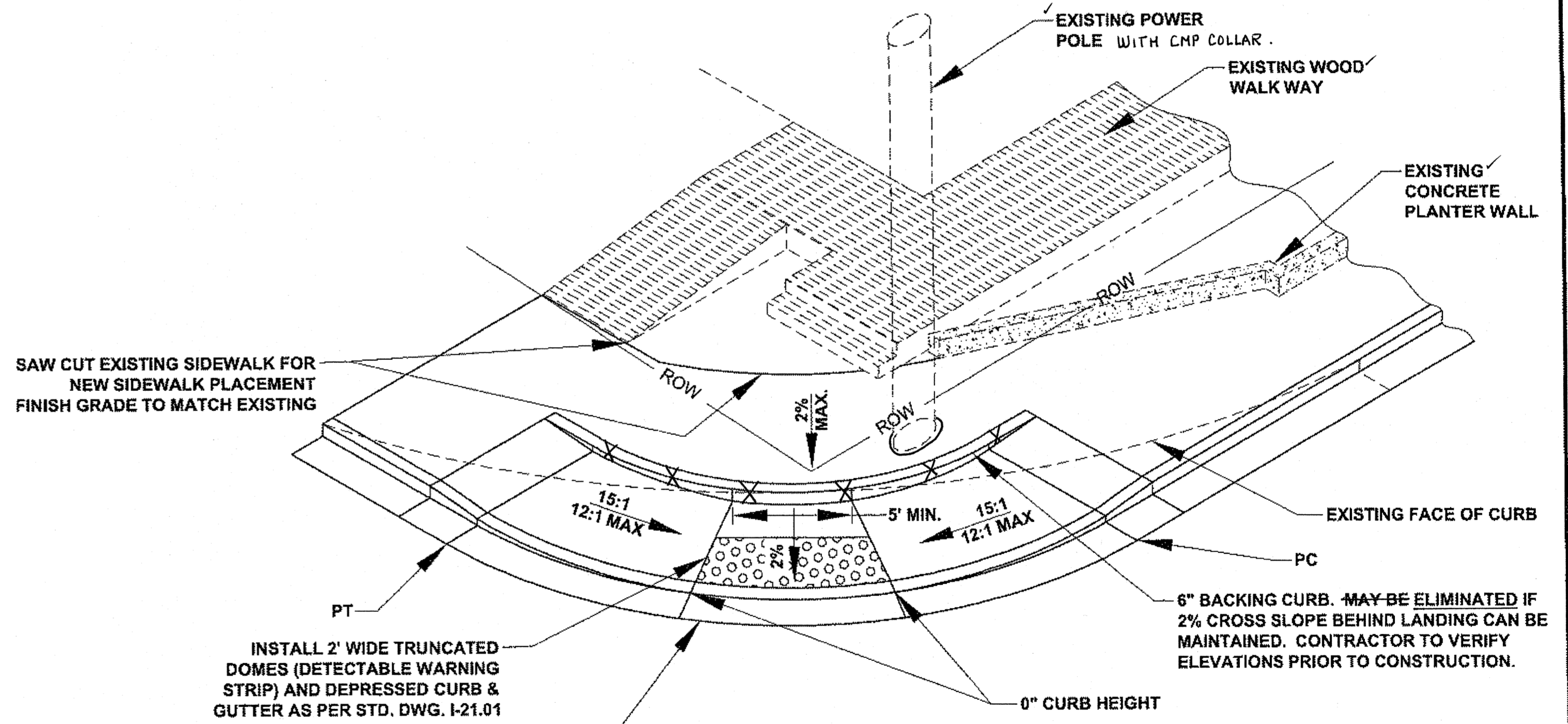
**CURB RAMP DETAIL  
STA. 1+20 (LT)**

N.T.S.



**CURB RAMP DETAIL**

N.T.S.



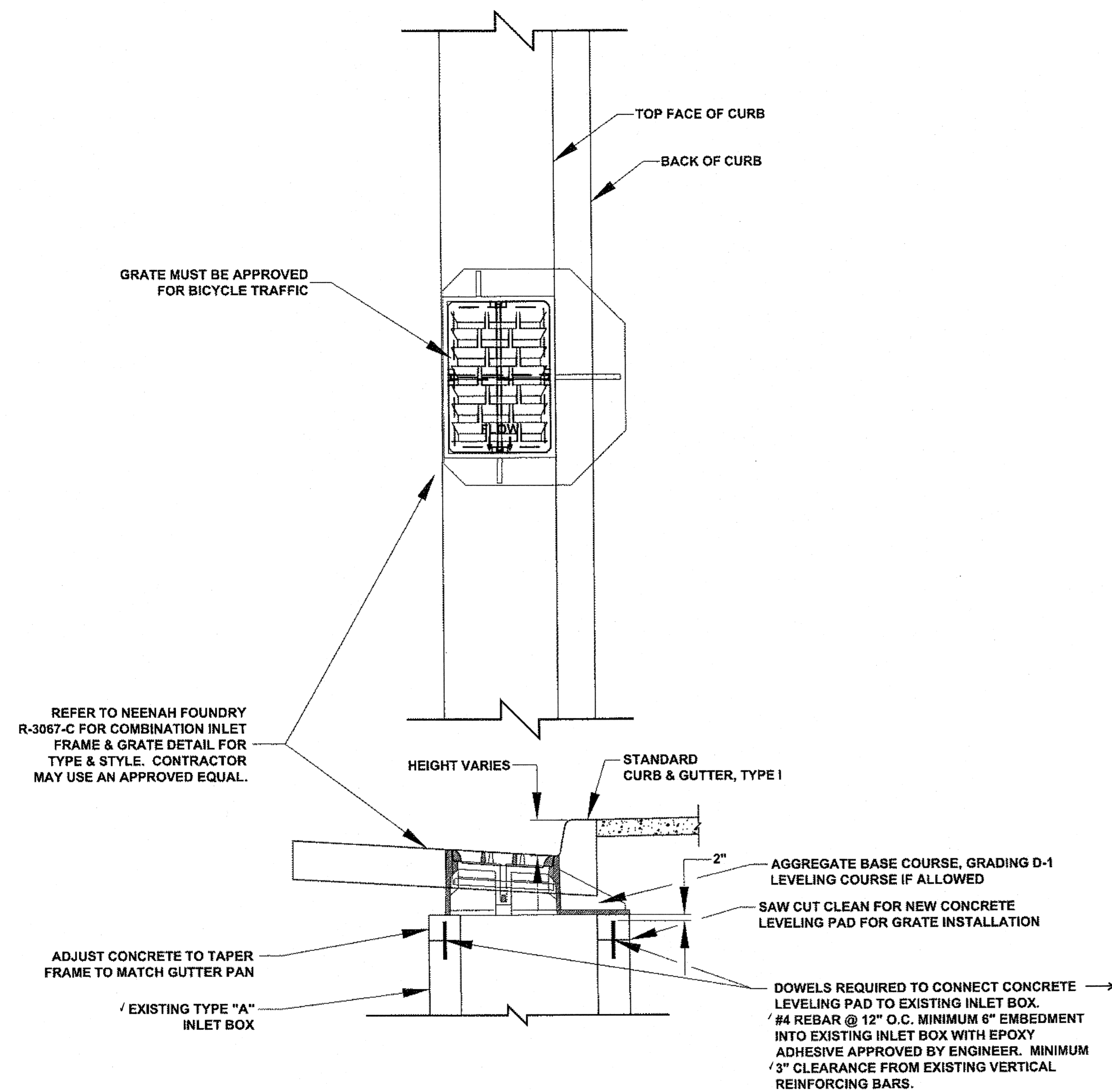
**CURB RAMP DETAIL  
(SE COR. OF DALTON ST. & 2ND AVE.)**

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.  
Date: 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION				
DESIGNED BY: D. MULLINER						
DRAWN BY: D. MULLINER						
PATH: Q:\HNS\69565\EN\DOUG'S PLANSET\69565_J_MISC DETAIL.DWG		HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565				
TAB: J3 Tuesday, August 09, 2011 9:26:29 AM		MULLINER, DOUGLAS J (DOT)				
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	
NO.	DATE	DESCRIPTION	NH-0956(33)-69565	2011	J3	17



60+37 LT NE CORNER 6TH & MAIN  
 60+37 RT SE CORNER 6TH & MAIN  
 15+27 LT NE CORNER 2ND & MAIN

**GUTTER PAN FRAME & GRATE  
 INSTALLATION DETAIL**


N.T.S.

**GUTTER PAN INLET NOTES:**

1. REFER TO NEENAH FOUNDRY R-3067-C FOR COMBINATION INLET FRAME & GRATE TYPE & STYLE. CONTRACTOR MAY USE AN APPROVED EQUAL.

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 7/10/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565	
PATH: Q:\HNS\69565\EN\DOUG'S PLANSET\69565_J_MISC DETAIL.DWG TAB: J4 Thursday, August 04, 2011 2:10:48 PM MULLINER, DOUGLAS J (DOT)		<b>MISC. DETAILS</b>	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION NH-0956(33)-69565	YEAR 2011
		SHEET NO. J4	TOTAL SHEETS 17

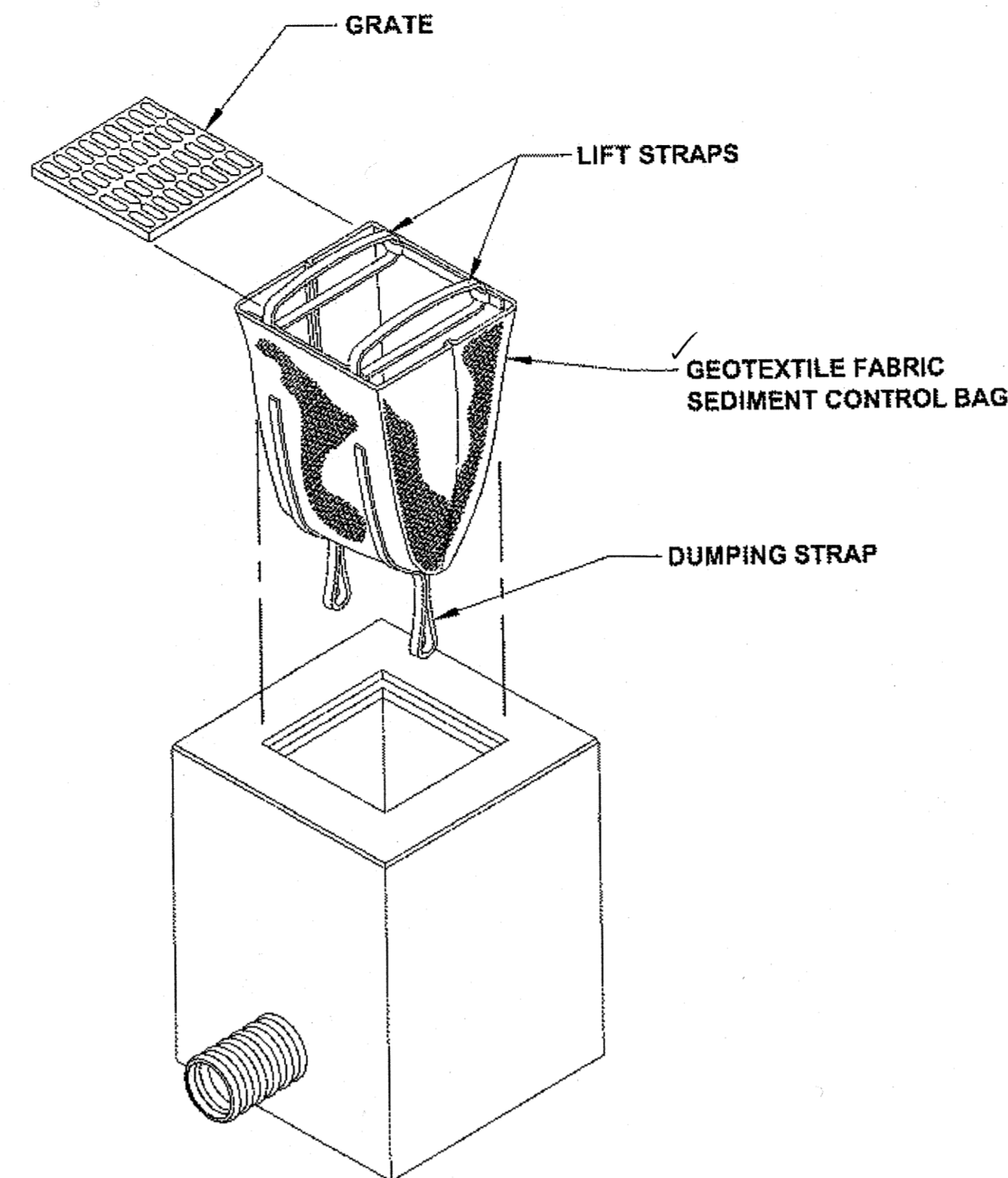
## INLET PROTECTION INSTALLATION AND MAINTENANCE

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

### EROSION & SEDIMENT CONTROL NOTES:

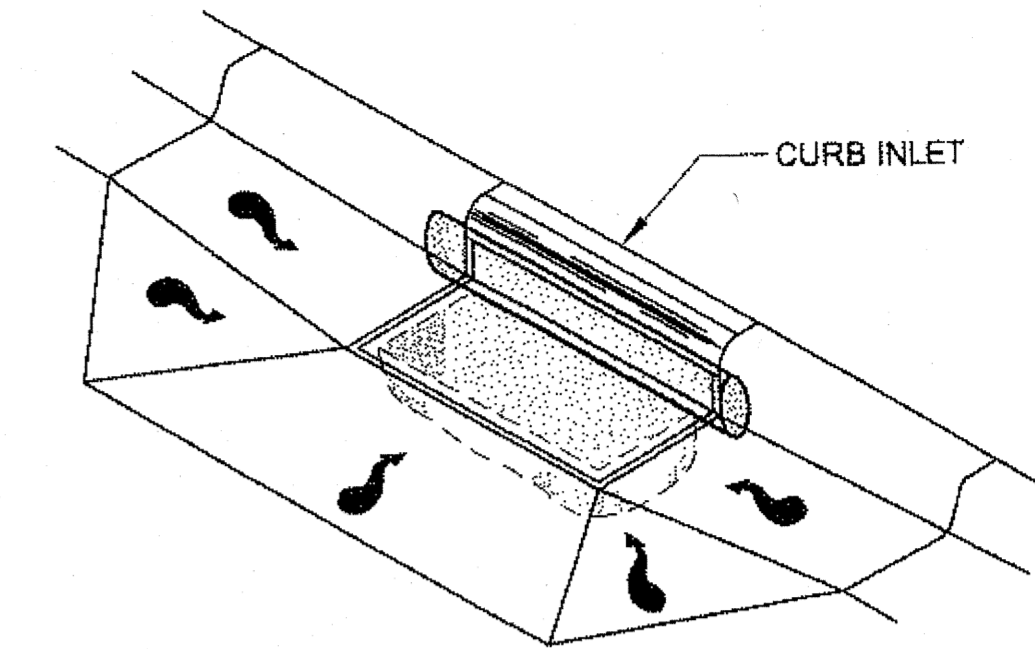
1. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR THE ENVIRONMENTAL COMMITMENTS.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A SWPPP ACCORDING TO SECTION 641 OF THE SPECS.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES AND COLD PLANING OR AS SPECIFIED ELSEWHERE.
4. MAINTAIN DEVICES. MONITOR DAILY. REMOVE SEDIMENT FROM SEDIMENT TRAPS WHEN 4" OF SEDIMENT HAS ACCUMULATED.
5. THE CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AT A LOCATION APPROVED BY THE ENGINEER.

<b>CURB INLET PROTECTION</b>		
STATION	OFFSET	REMARKS
- /	LT	NW COR. OF MAIN ST. & 2ND AVE.
- /	RT	NE COR. OF MAIN ST. & 2ND AVE.
1+50	✓ RT	
1+56	✓ LT	
3+74	✓ LT	
3+74	✓ RT	
5+44	✓ LT	
5+44	✓ RT	



**INLET PROTECTION DETAIL**

N.T.S.




**INLET PROTECTION DETAIL**

N.T.S.

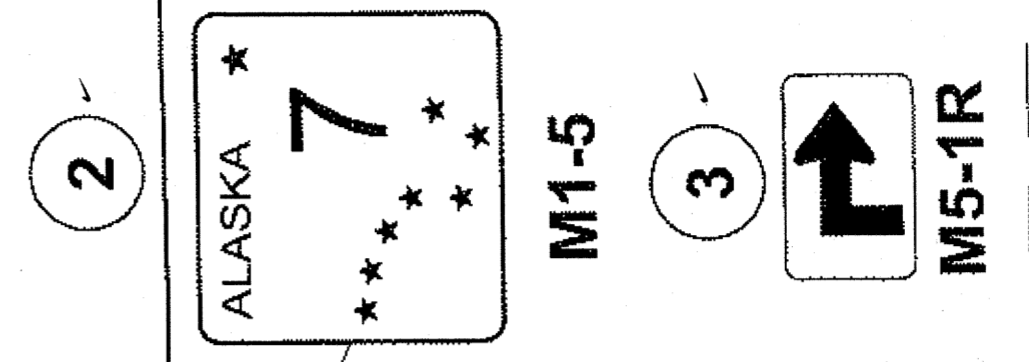
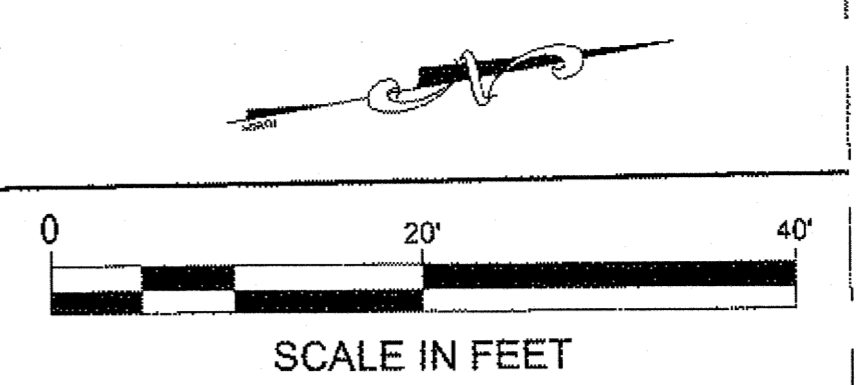
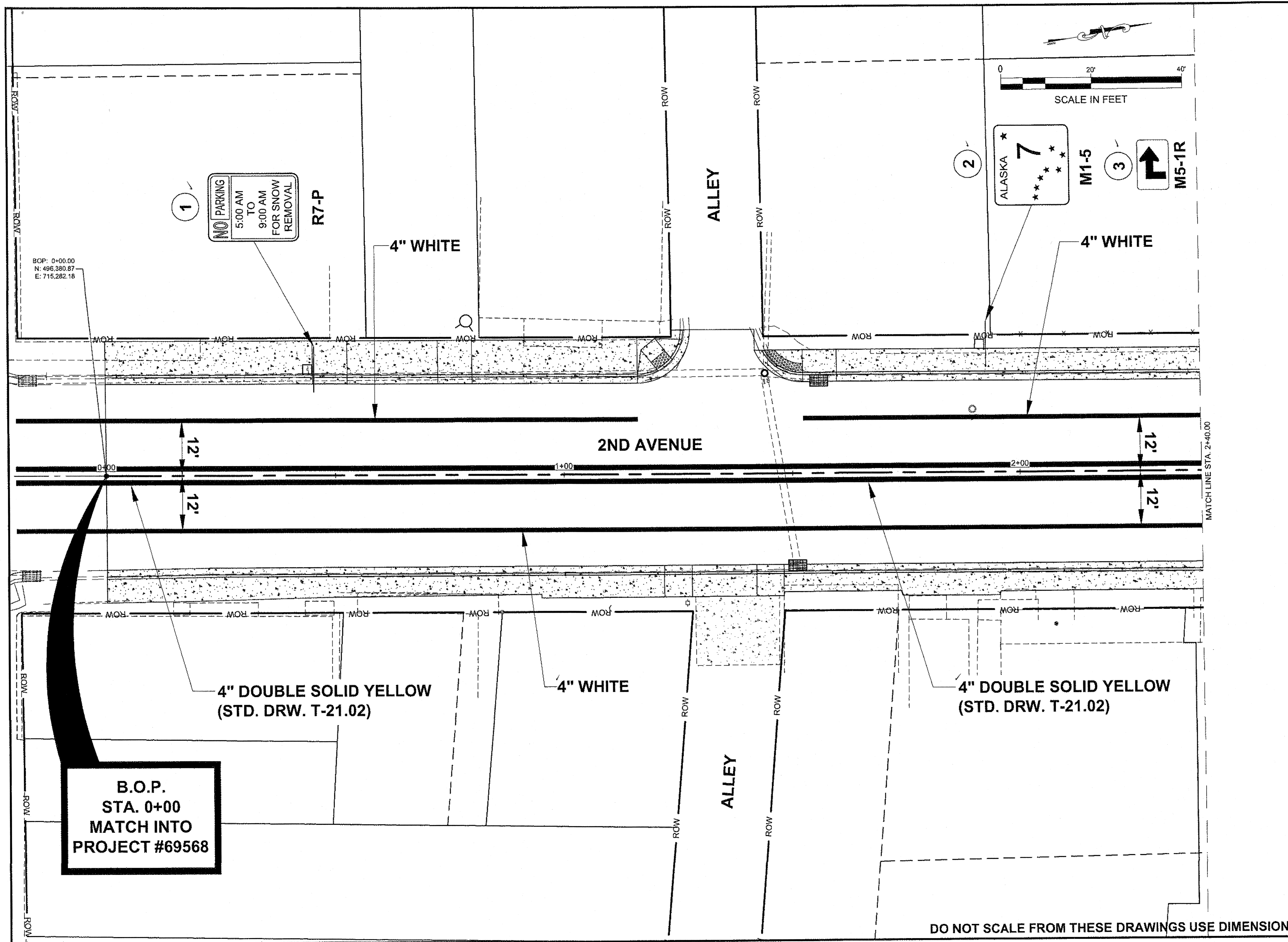
### **NOTE:**

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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN  DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>HNS-2ND AVENUE UNION STREET          TO MAIN STREET PAVEMENT          REHABILITATION          PROJECT #69565</b>  <b>EROSION &amp; SEDIMENT          CONTROL DETAILS</b>																	
PATH: Q:\HNS\69565\END\DOUG'S PLANSET\69565_P_DETAILS.DWG TAB: P1 Tuesday, August 09, 2011 9:28:24 AM MULLINER, DOUGLAS J (DOT)																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> </thead> <tbody> <tr> <td>NH-0956(33)-69565</td> <td>2011</td> <td>P1</td> <td>17</td> </tr> </tbody> </table>	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	NH-0956(33)-69565	2011	P1	17
REVISIONS																		
NO.	DATE	DESCRIPTION																
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS															
NH-0956(33)-69565	2011	P1	17															

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 7/18/13



PATH: Q:\HNS169565\END\DOUG'S PLANSET169565\_R\_STRIPING.DWG  
 MULLINER, DOUGLAS J (DOT)  
 TAB: R1 Friday, July 29, 2011 10:59:41 AM

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: *[Signature]* Date: 7/18/13

**PLAN LEGEND**

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

HNS-2ND AVENUE UNION STREET TO MAIN STREET REHABILITATION PROJECT #69565

**STRIPING PLAN**

PROJECT DESIGNATION  
 NH-0956(33)-69565

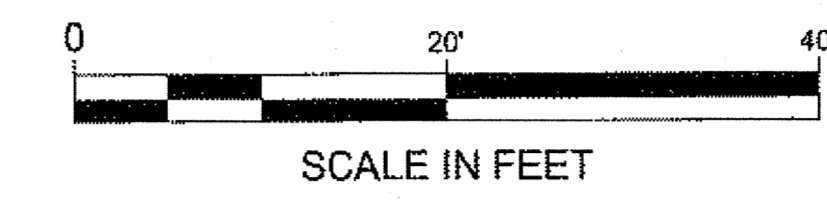
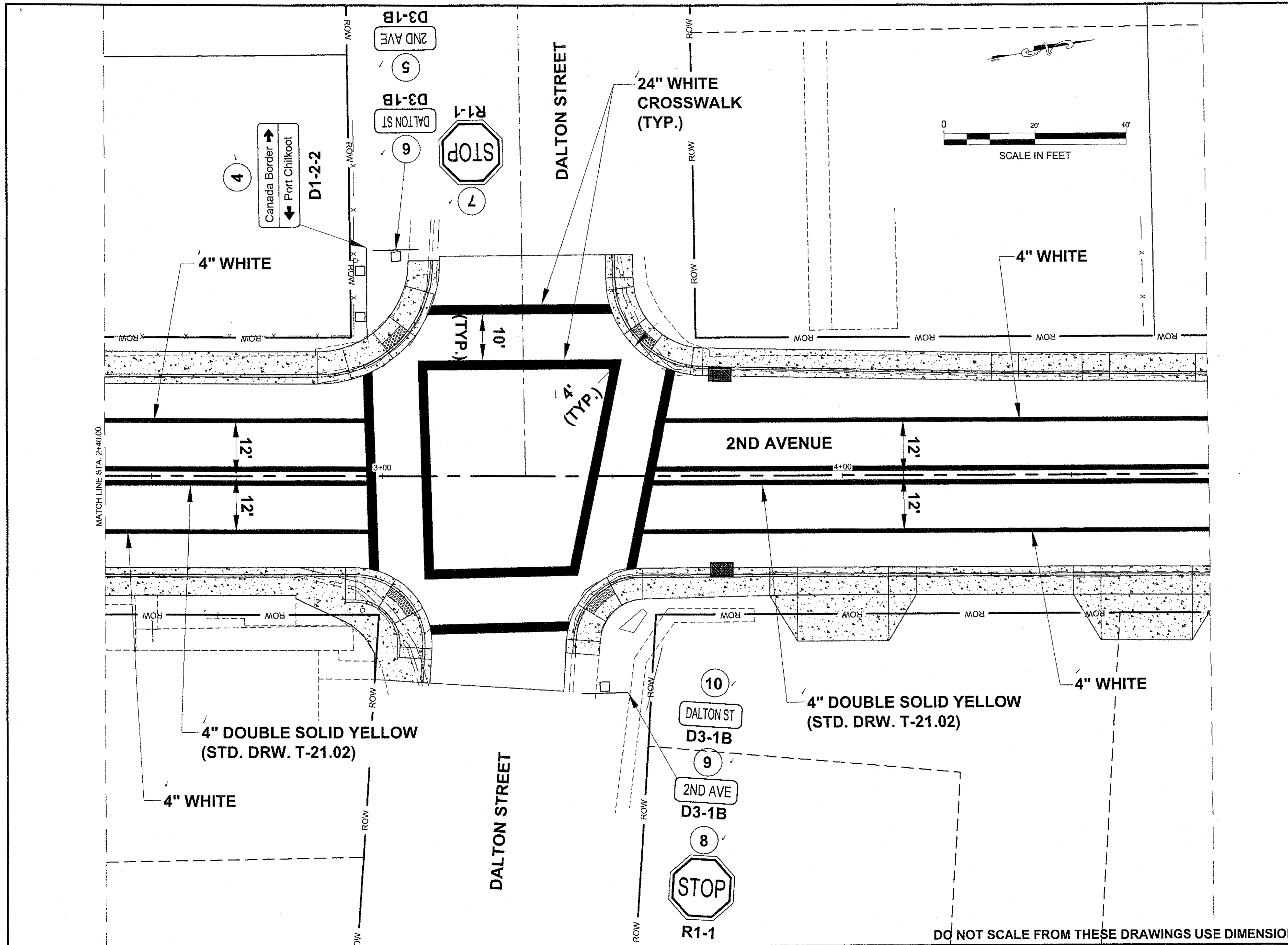
STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
R1	17

**B.O.P.  
 STA. 0+00  
 MATCH INTO  
 PROJECT #69568**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





PATH: Q:\HNS169565\EN\DOUG'S PLANSET169565\_R\_STRIPING.DWG

MULLINER, DOUGLAS J. (DOT)  
 TAB: R2 Friday, July 29, 2011 10:58:52 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

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 Date 7/10/13

**PLAN LEGEND**

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

HNS-2ND AVENUE UNION STREET TO MAIN STREET REHABILITATION  
 PROJECT #69565

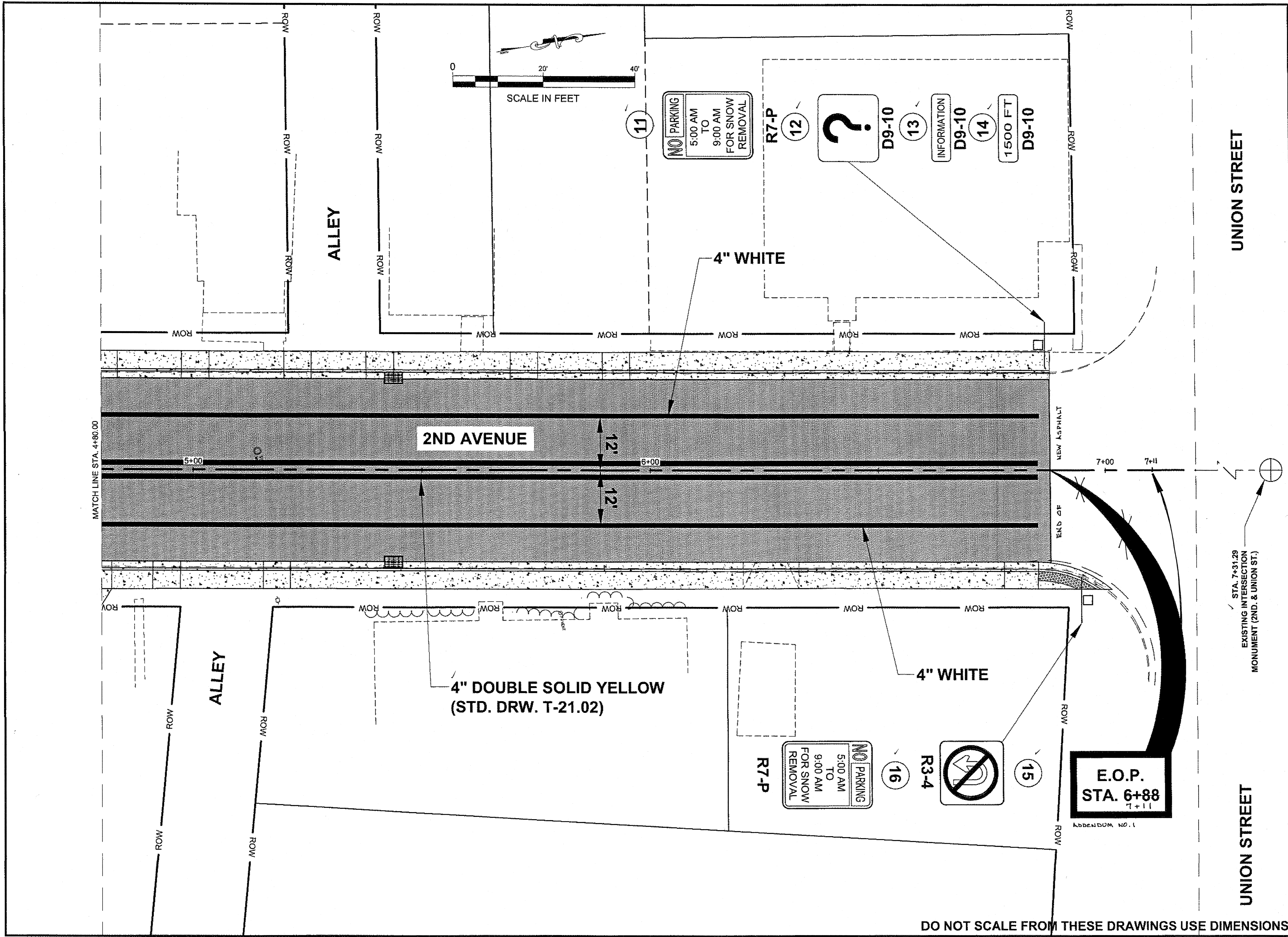
**STRIPING PLAN**

PROJECT DESIGNATION  
 NH-0956(33)-69565

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
R2	17

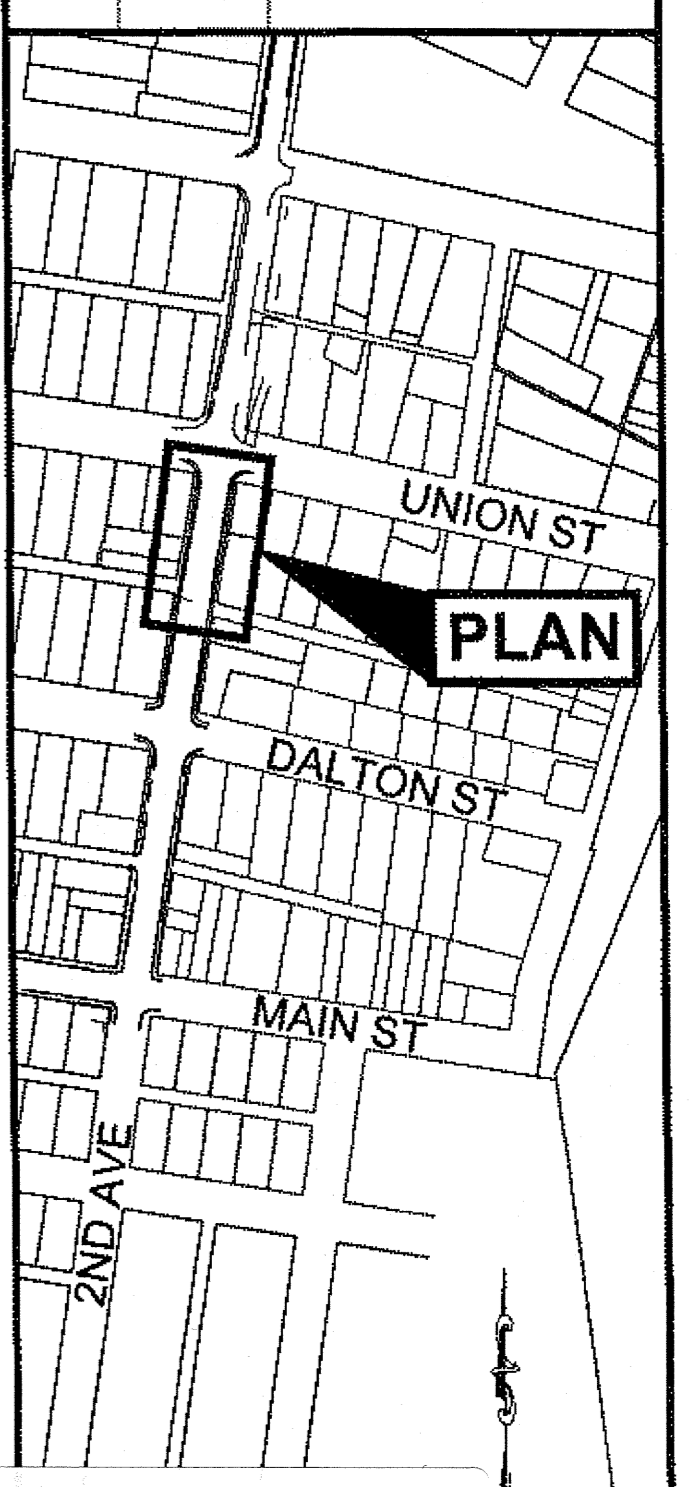
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH: Q:\HNS\69565\ENIDOUG'S PLANSET\69565\_R\_STRIPING.DWG  
 MULLINER, DOUGLAS J (DOT)  
 TAB: R3 Wednesday, August 17, 2011 1:05:47 PM

ADDENDUM NUMBER  
 ATTACHMENT NUMBER

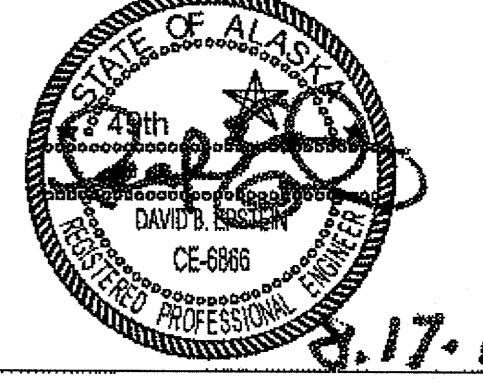
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE: [Signature] Date: 7/10/13

**PLAN LEGEND**

CHECKED BY: D. EPSTEIN



DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

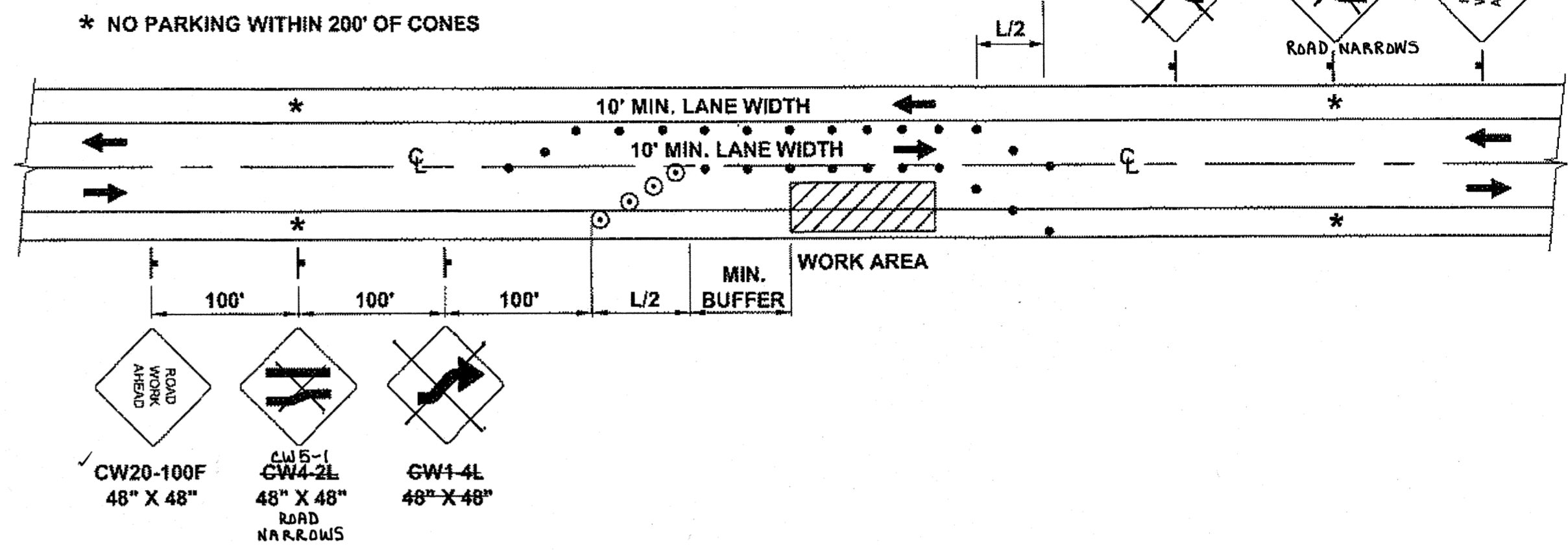
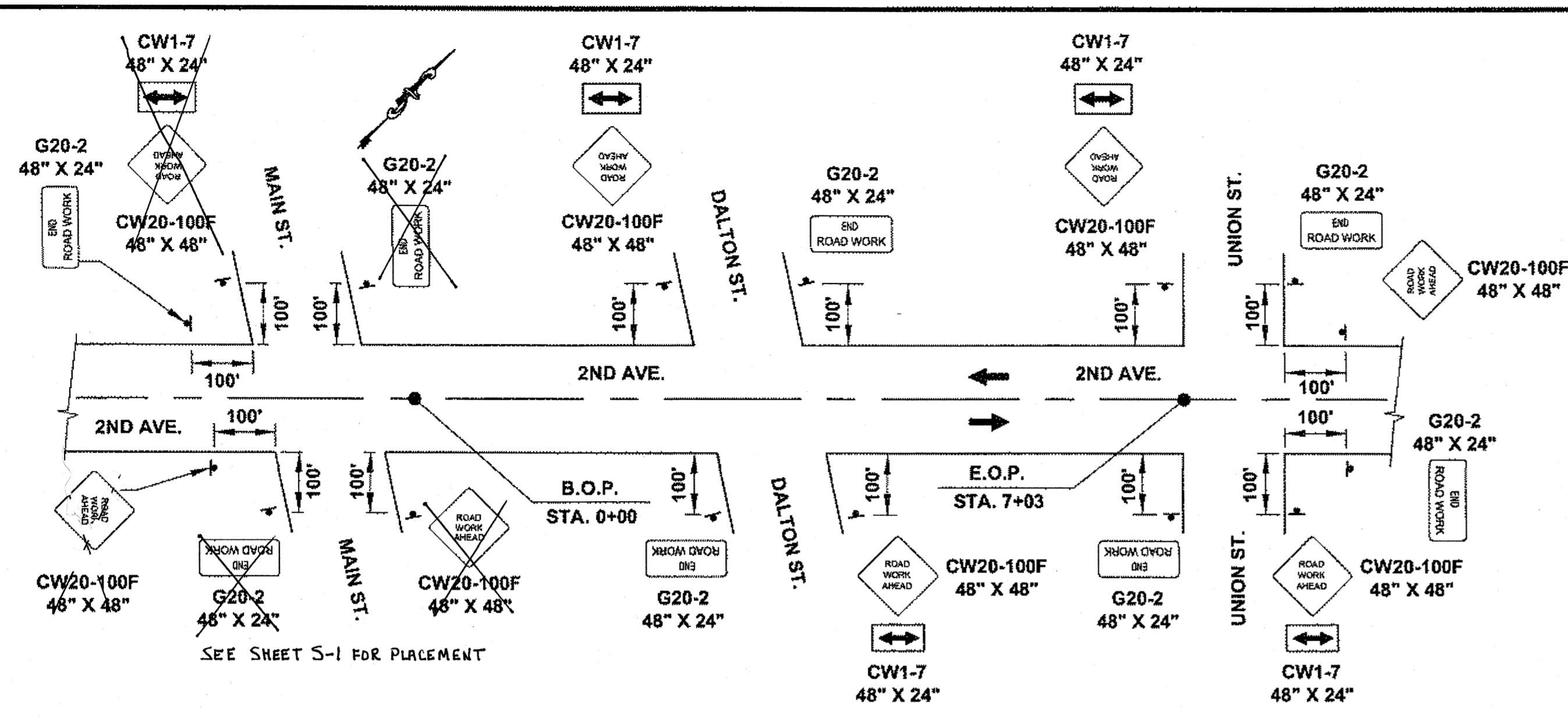
HNS-2ND AVENUE UNION STREET TO MAIN STREET REHABILITATION PROJECT #69565

**STRIPING PLAN**

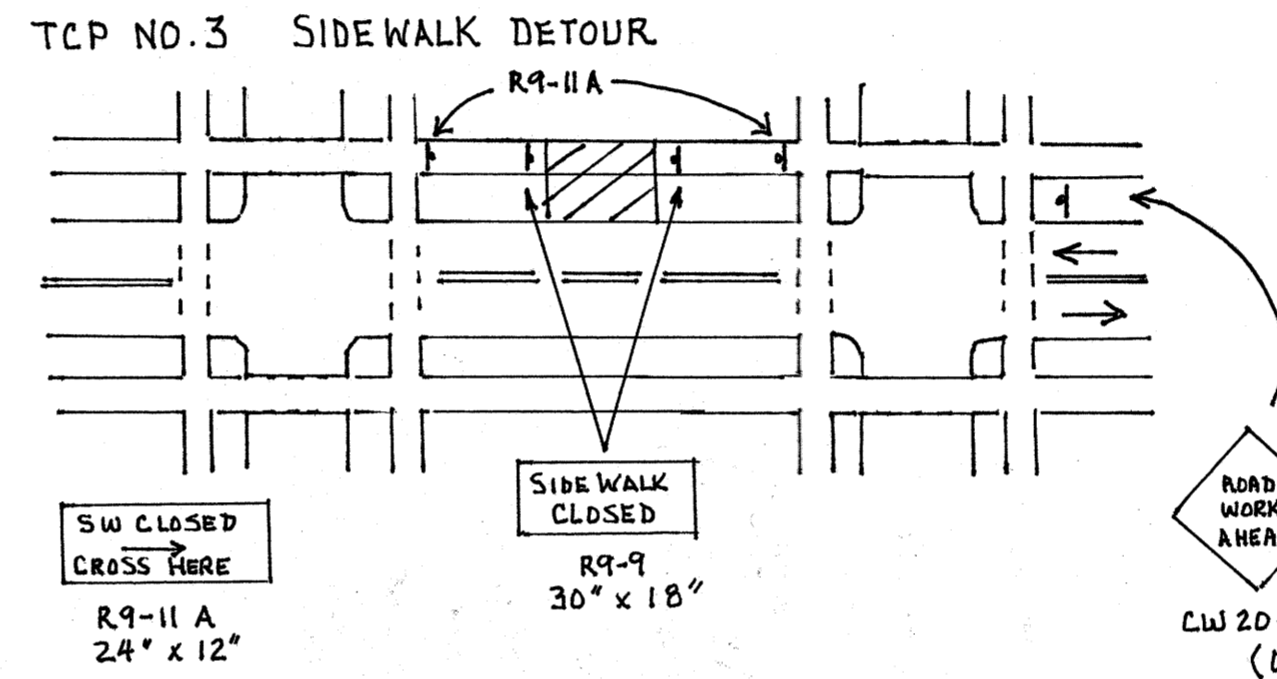
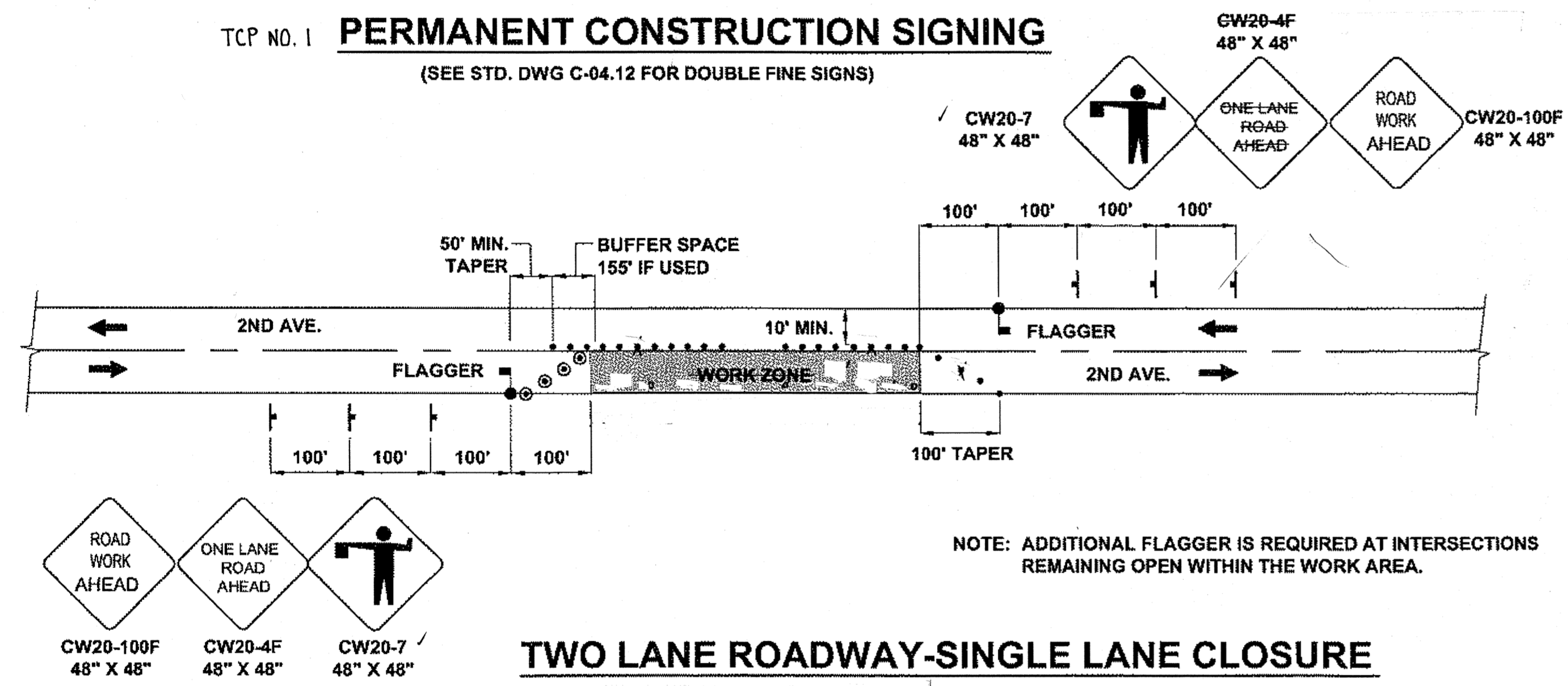
PROJECT DESIGNATION  
 NH-0956(33)~69565

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
R3	17

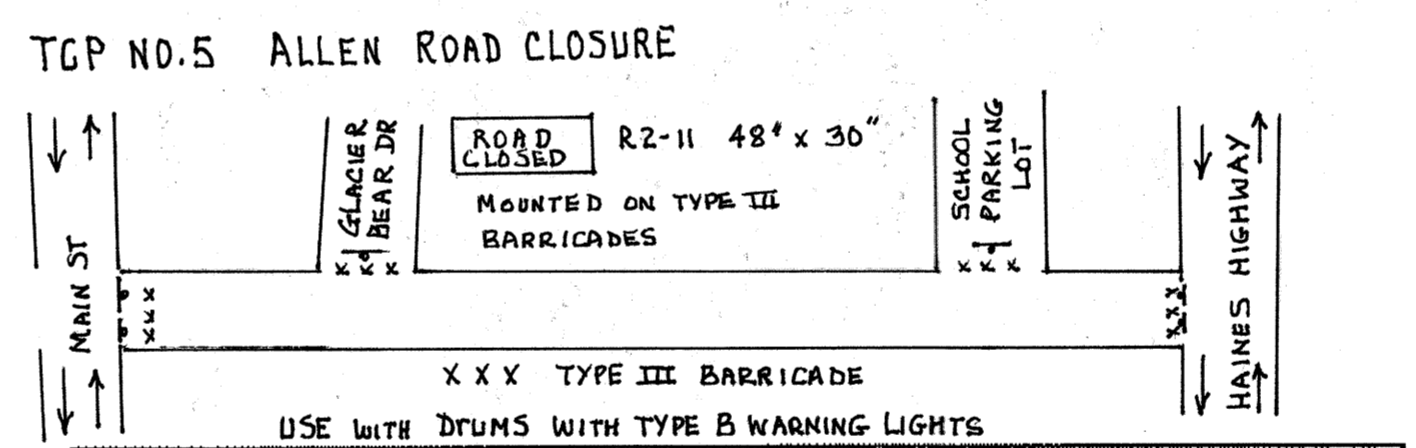
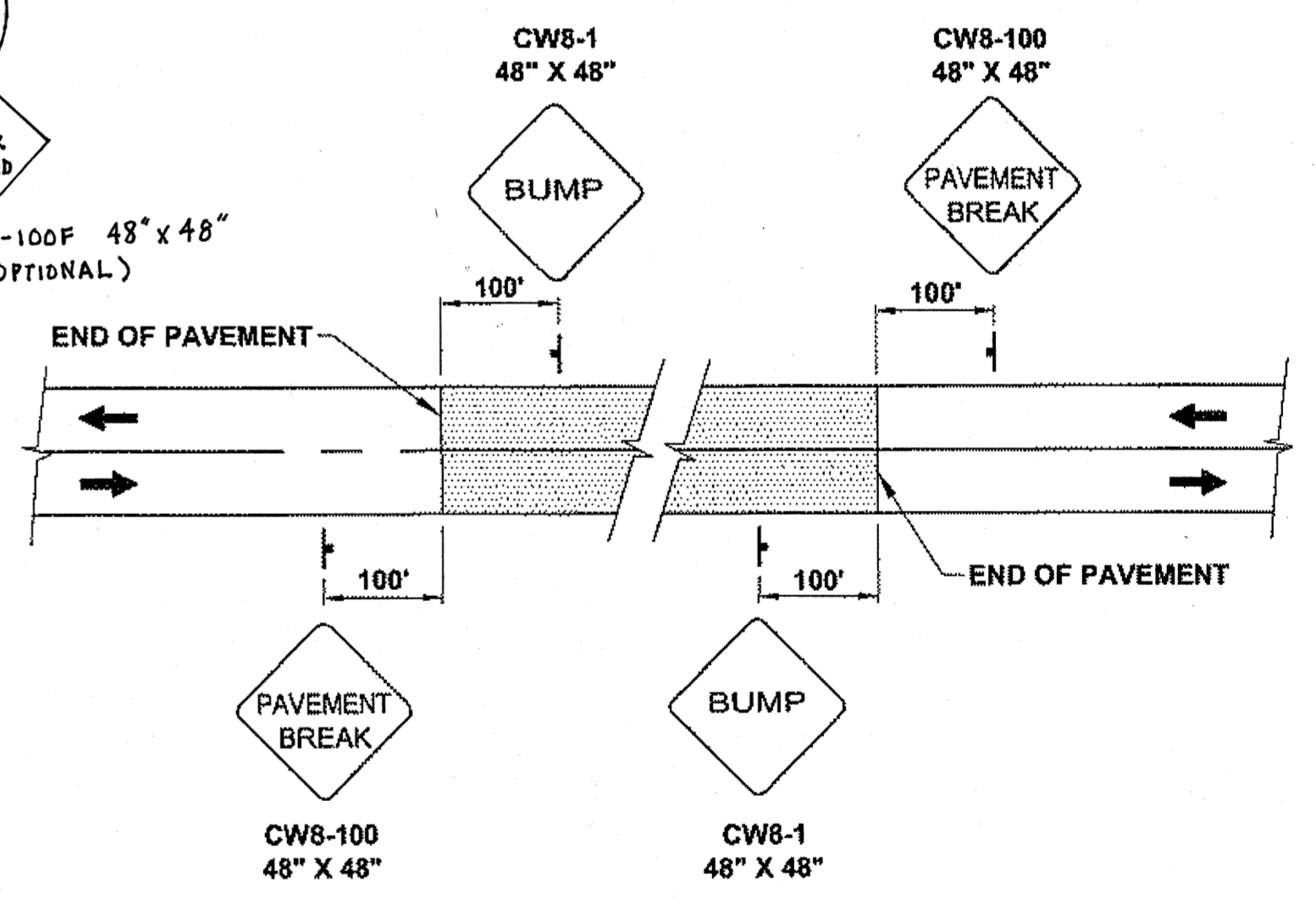
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



**TCP NO. 1 PERMANENT CONSTRUCTION SIGNING**  
(SEE STD. DWG C-04.12 FOR DOUBLE FINE SIGNS)



**TWO-WAY TRAFFIC**  
(EDGE LANE CLOSED)  
TCP NO. 2 ROADWAY ENCROACHMENT



**TCP TABLE SETUP**

SPEED (MPH)	BUFFER/LENGTH (FT.)	CONE/DRUM SPACING (FT.)	TAPER LENGTH
20	115	20	7:1
25	155	25	10:1
30	200	30	15:1
35	250	35	20:1

**SIGNING FOR UNPAVED AREA**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

**HNS-2ND AVENUE UNION STREET TO MAIN STREET PAVEMENT REHABILITATION PROJECT #69565**

**TRAFFIC CONTROL PLAN**

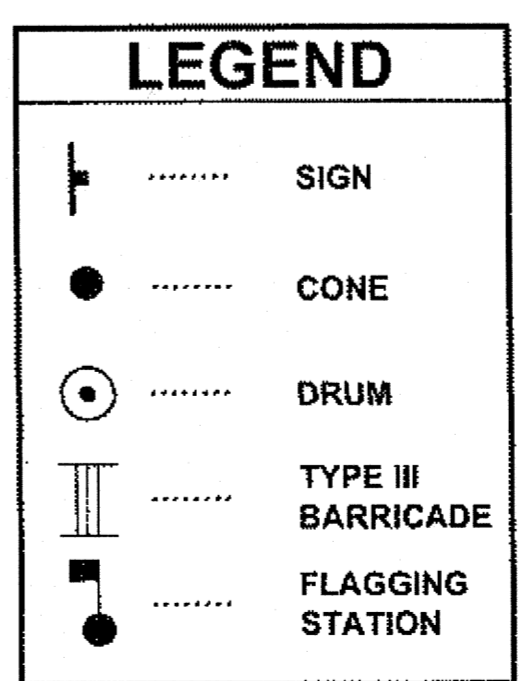
DESIGNED BY: D. MULLINER  
DRAWN BY: D. MULLINER

PATH: Q:\HNS\69565\EMD\DOUG'S PLANSET\69565\_S1\_TCP.DWG  
TAB: S1 Wednesday, August 17, 2011 3:39:45 PM MULLINER, DOUGLAS J (DOT)

NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			NH-0956(33)-69565	2011	S1	17

**TRAFFIC CONTROL NOTES:**

- IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATION NOT COVERED BY THIS TCP SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
- A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES IN WORK AREAS.
- TWO LANES SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS IN NON-WORK AREAS AND DURING NON-WORKING HOURS.
- DRIVING LANES SHALL BE A MINIMUM WIDTH OF 10'.
- TRAFFIC DELAYS SHALL NOT EXCEED 5 MINUTES.
- THE UNEVEN LANES (CW8-11) SIGN SHOULD BE USED DURING OPERATIONS THAT CREATE A DIFFERENCE IN ELEVATIONS BETWEEN ADJACENT LANES OF 2 INCHES OR GREATER.
- FLAGGER STATIONS NEED TO BE ILLUMINATED AT NIGHT.
- THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS/HER CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, GRINDING, PAVING AND CHANGES IN THE LANE CONFIGURATIONS.
- DRUM OR CONE SPACING NEEDS TO BE MAXIMUM 45' ALONG THE TAPER SECTION AND 90' ALONG THE TANGENT, USING A MINIMUM OF 11 DEVICES.
- FOR LOCATION OF DOUBLE TRAFFIC FINE SIGNS SEE STANDARD DRAWING C-04.12.
- FOR PEDESTRIAN TRAFFIC CONTROL SEE STANDARD DRAWING C-03.10.
- LIMIT SIDEWALK SEGMENT WORK, COMPLETE SIDEWALK WORK ONE SIDE AT A TIME SO PEDESTRIANS CAN MAINTAIN ACCESS EITHER SIDE OF THE STREET.

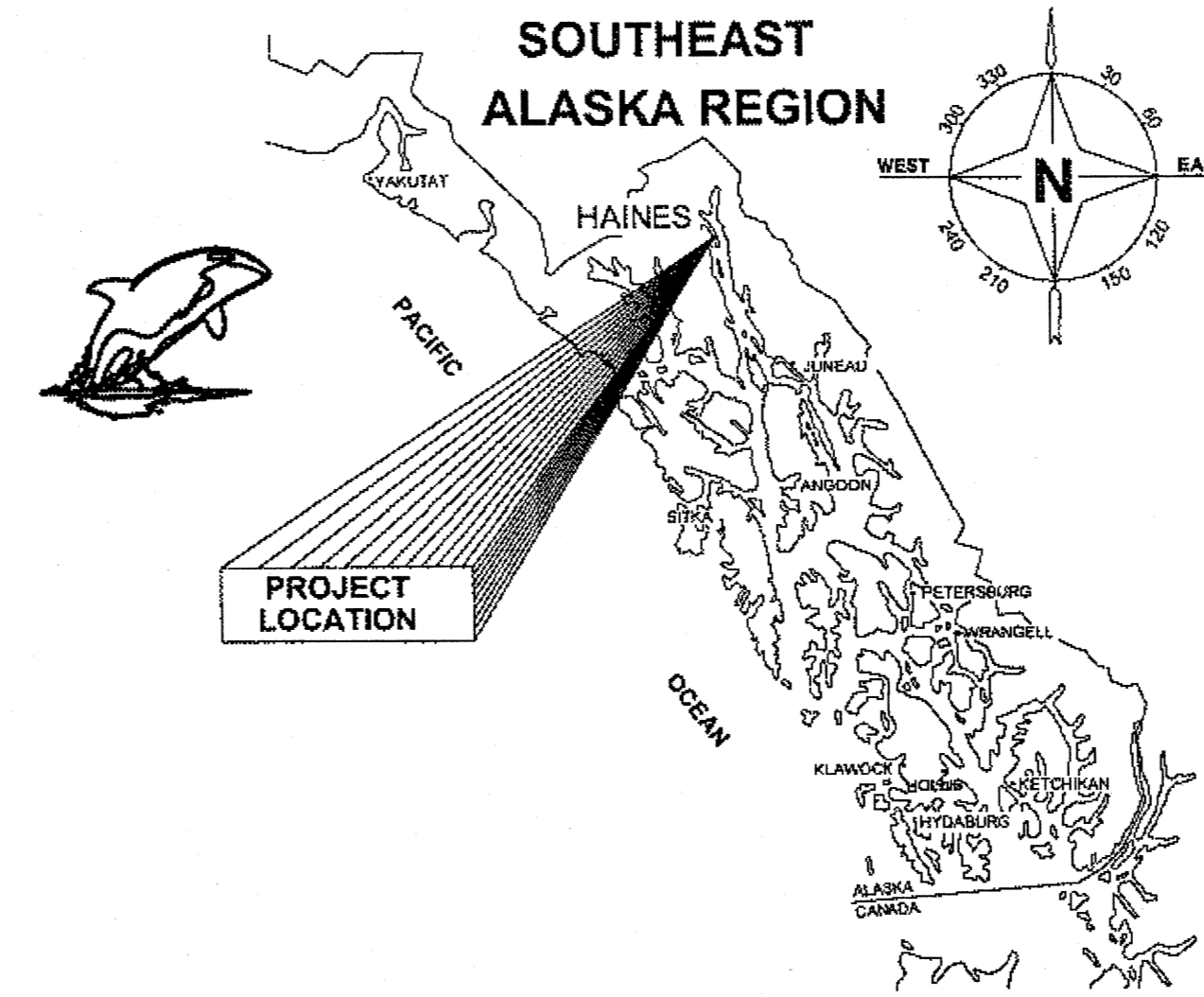


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
PE: [Signature] Date: 7/10/13

# State of Alaska

Department of Transportation  
and Public Facilities - Southeast Region

## HNS-ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT No. STP-000S(753)~69568



### INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
B1	TYPICAL SECTIONS
C1	ESTIMATES OF QUANTITIES
D1-D7	SUMMARIES
F1-F8	PLAN VIEW
JI-J6	MISCELLANEOUS DETAILS
P1-P7	EROSION & SEDIMENT CONTROL PLAN
P8-P9	EROSION & SEDIMENT CONTROL DETAILS
R1-R7	SIGNING & STRIPING PLAN
S1-S3	TRAFFIC CONTROL PLAN

CDS MILEPOINT (2ND AVE. TO FRONT ST.)	CDS ROUTE #	START	END
	298018	0.000	0.110
CDS MILEPOINT (MAIN ST. TO 2ND AVE.)	CDS ROUTE #	START	END
	298000	0.000	0.474
CDS MILEPOINT (ALLEN ROAD)	CDS ROUTE #	START	END
	298012	0.000	0.104

PATH: Q:\HNS\69568\END\DOUG'S PLANSET\DOUG'S\_A1\_TITLE.DWG TAB:A1-TITLE SHEET  
Thursday, April 21, 2011 12:00:59 PM  
PLOT: PSPACE OR MSPACE: 1=1(F)

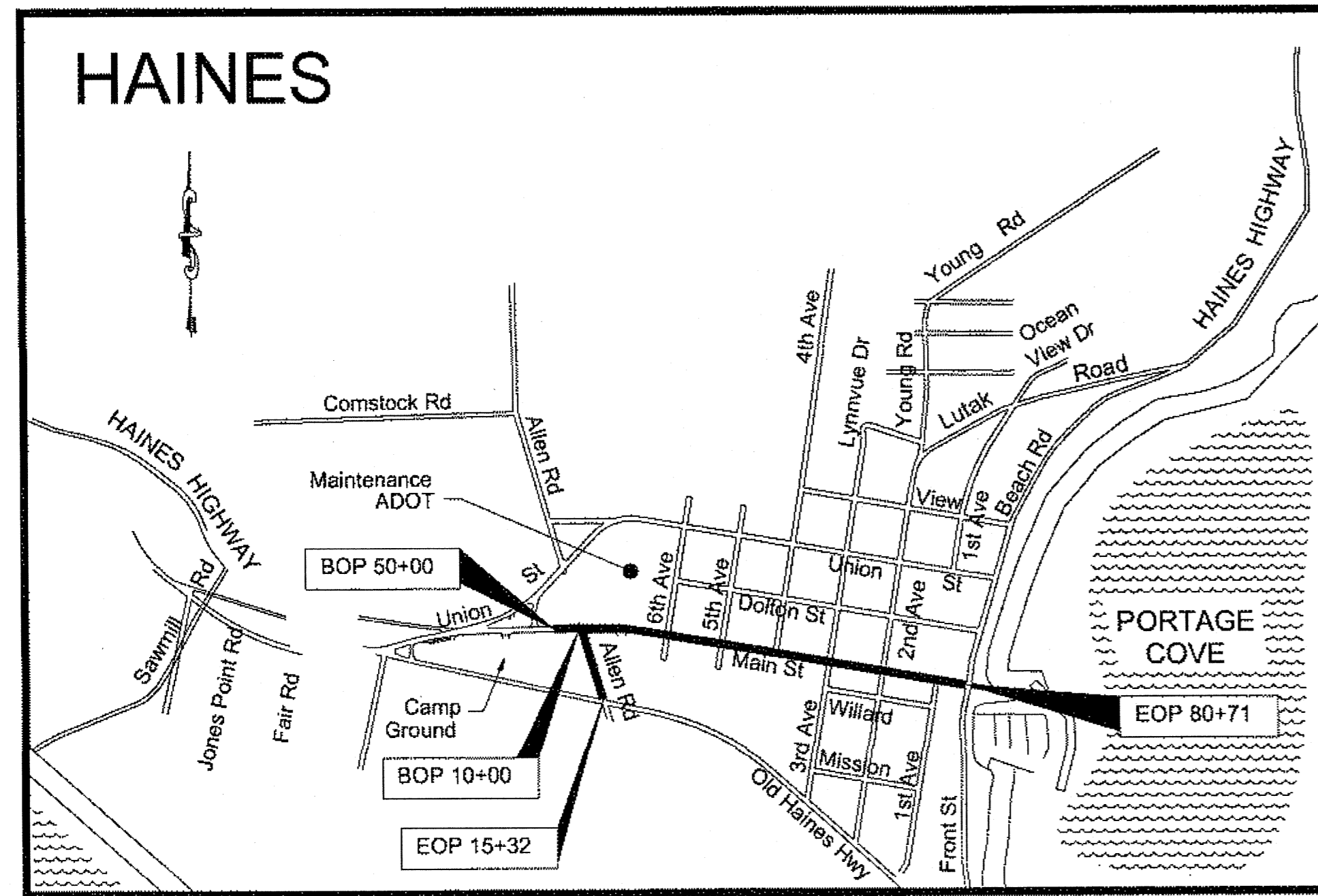
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES-SOUTHEAST REGION

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 7/18/13

APPROVED: *[Signature]* 8/17/11  
REGIONAL PRE-CONSTRUCTION ENGINEER  
CHUCK CORREA, P.E. DATE

APPROVED: *[Signature]* 9/26/11  
DIRECTOR, SOUTHEAST REGION  
ALBERT H. CLOUGH, CPG DATE

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:  
*[Signature]* 10-28-13  
CONSTRUCTION PROJECT MANAGER DATE



VICINITY MAP

### DESIGN DESIGNATION

	10+00 to 15+32	50+00 to 75+05	75+05 to 80+71
A.D.T. 2009	= 510	2050	1320
A.D.T. 2032	= 570	2290	1480
D.H.V. 2032	= 80	330	210
% T	= 9.9%	9.9%	9.9%
V	= 25 M.P.H.	25 M.P.H.	25 M.P.H.
E.A.L.	= 100,000	350,000	200,000

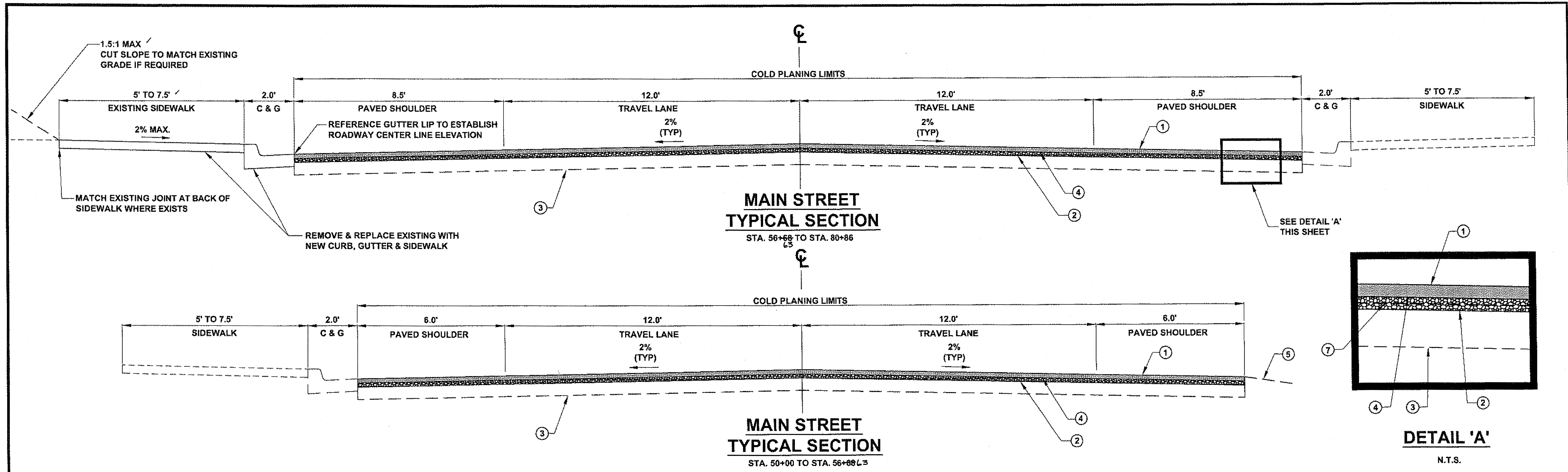
### PROJECT SUMMARY

LENGTH OF PROJECT	=	0.68 MILES
LENGTH OF RESURFACING	=	0.68 MILES
WIDTH OF RESURFACING	=	28-41 FT

### THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	D-04.21	D-24.00	M-13.01	S-05.01	T-06.00
C-03.10	D-07.00	D-26.02	M-16.01	S-20.10	T-20.02
C-04.12	D-20.03	I-20.13	S-00.10	S-23.00	T-21.02
C-05.10	D-22.01	I-21.01	S-01.00	S-30.03	T-23.00
D-01.02	D-23.01				

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(753)~69568	2011	A1	43

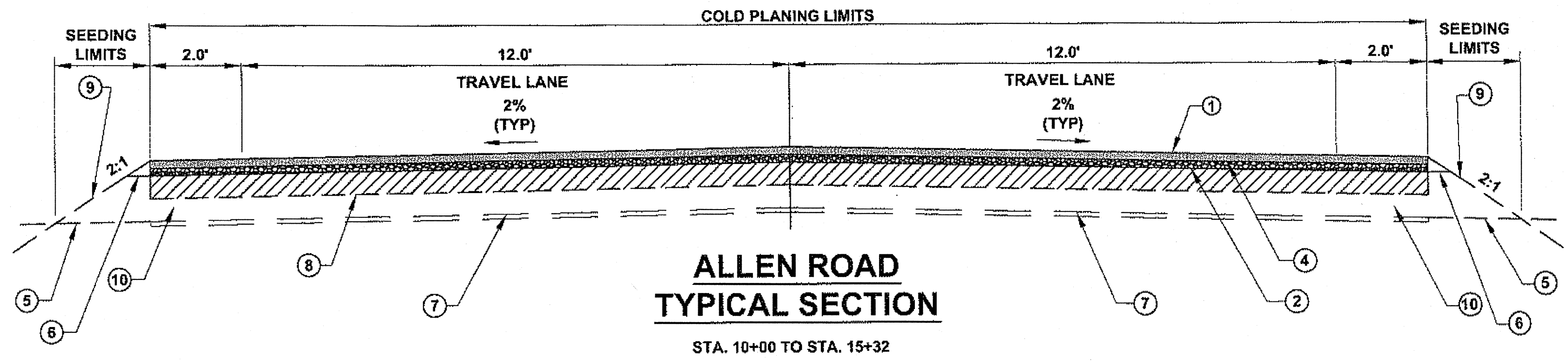


**LEGEND**

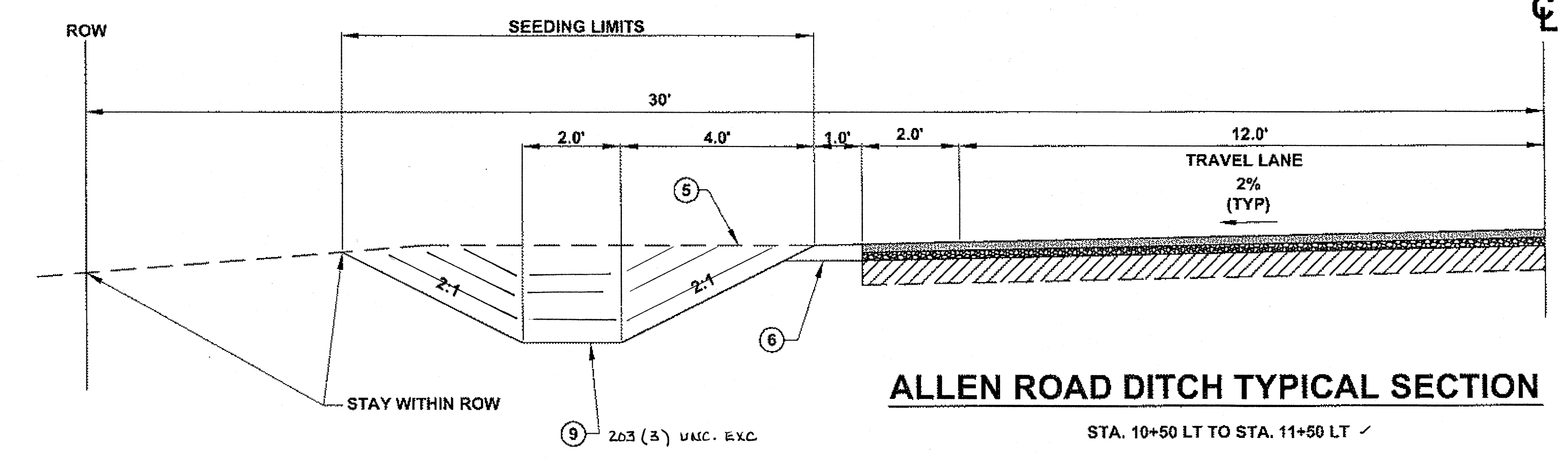
- ① 2" ASPHALT CONCRETE, TYPE II, CLASS B
- ② 2" ASPHALT TREATED BASE (ATB)
- ③ EXISTING CRUSHED BASE COURSE
- ④ STE-1 FOR TACK COAT
- ⑤ EXISTING GROUND - EXCAVATION
- ⑥ LINEAR GRADING
- ⑦ EXISTING PAVEMENT TO BE REMOVED
- ⑧ 6" CRUSHED BASE COURSE
- ⑨ TOP SOIL & SEED
- ⑩ TYPE 'A' BORROW

**TEST HOLE DATA**

STATION	OFFSET	TH#	AC THICKNESS (IN)	REMARK
10+60	11' RT	11-15	0.6	ALLEN ROAD
14+31	5' LT	11-16	1	ALLEN ROAD
50+11	7' LT	11-17	2.4	MAIN STREET
54+96	5' RT	11-18	3.6	MAIN STREET
59+85	10' RT	11-19	1.2	MAIN STREET
65+03	3' RT	11-20	1.8	MAIN STREET
70+02	3' RT	11-21	2.4	MAIN STREET
74+50	4' LT	11-22	1.8	MAIN STREET
79+95	4' LT	11-23	2.4	MAIN STREET



- TYPICAL SECTION NOTES:**
- SEE SECTION 642 FOR CONSTRUCTION SURVEYING REQUIREMENTS.
  - CONTRACTOR SHALL ADD AGGREGATE (ITEM 301(1)), IF REQUIRED, TO MEET AND ESTABLISH A SMOOTH AND UNIFORM GRADE. THE PROJECT ENGINEER SHALL APPROVE GRADE.
  - SIDEWALK, CURB & GUTTER TO BE REPLACED AS INDICATED ON PLANS.
  - DETAILS ON LEFT SIDE OF MAIN STREET TYPICAL SECTION APPLY TO RIGHT SIDE.
  - NEW PAVEMENT FINISH SURFACE SHALL MATCH EXISTING GUTTER LIP ELEVATION. ADJUST COLD PLANING DEPTH AS NECESSARY TO PROVIDE SUFFICIENT DEPTH FOR NEW PAVEMENT SECTION.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568

**TYPICAL SECTIONS**

DESIGNED BY: D. RYDER & D. MULLINER  
DRAWN BY: D. MULLINER

DATE: Tuesday, August 16, 2011 10:42:35 AM

MULLINER, DOUGLAS J. (DOT)

NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	B1	43

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 7/10/13

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	4274-3238.90
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	288 142.30
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	2837-4982.70
202 (13)	REMOVAL OF SIGNS	EACH	6 ✓
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	50 77.00
203 (6)	BORROW	TON	600-925.30
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	460-243.07
303 (3)	LINEAR GRADING	STATION	40 15.45
306 (1)	ATB	TON	1878-2251.45
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	1970-2214.31
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	287 200.03
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	8 5.30
408 (1)	ASPHALT COLD PLANING	SQUARE YARD	18672-17004.30
603 (10)	57" X 38" CORRUGATED ALUMINUM PIPE ARCH	LINEAR FOOT	50 ✓
603 (21)-12	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	20 11.30
603 (21)-18	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	80 78.00
603 (21)-24	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	84 69.00
604 (4)	ADJUST EXISTING MANHOLE	EACH	46 16
604 (5)	INLET, TYPE A	EACH	2 ✓
604 (8)	INLET FRAME & GRATE INSTALLATION	EACH	7 5
604 (9)	INLET GRATE REPLACEMENT	EACH	3 0
604 (10)	GUTTER PAN FRAME AND GRATE INSTALLATION	EACH	43 20
608 (1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	685-2868.58
608 (1B)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	238 341.78
608 (6)	CURB RAMP	EACH	26 25
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	4970-4840.80
615 (1)	STANDARD SIGN	SQUARE FOOT	395 448.22
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	34 54
639 (3)	DRIVEWAY	EACH	44 16
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641 (1)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641 (3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
641 (5)	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642 (9)	REFERENCE EXISTING MONUMENT	EACH	5 ✓
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	5 ✓
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED
648 (1)	ARCHEOLOGICAL MONITOR	HOURLY	16 19.00
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE		
ITEM NO.	ITEM	ESTIMATING FACTOR
203 (6)	BORROW	1.7 TONS/CY
301 (1)	AGGREGATE BASE COURSE GRADING D-1	1.9 TON/CY ASSUME 25% OF FULL DEPTH REQUIRED FOR ITEM 608(1A) & 609(2) ASSUME FULL DEPTH REQUIRED FOR ITEMS 608(1B)
306 (1)	ATB	119 LBS/SY/IN
401 (1)	ASPHALT CONCRETE	119 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6% OF ITEM 401 (1) - 4.5% OF ITEM 306 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)
-	SEEDING (SUBSIDIARY)	260 SF - 30 LBS/ACRE

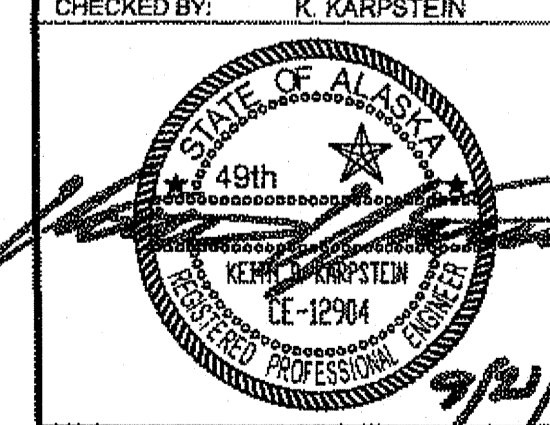
NEW ITEMS BY CHANGE ORDER			
ITEM	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (1)	REMOVAL OF STRUCTURES CO2	LUMP SUM	ALL REQUIRED
202 (14)	UTILITY ADJUSTMENTS CO2	LUMP SUM	ALL REQUIRED
605 (8)	SIDE WALK UNDERDRAIN CO2	LUMP SUM	ALL REQUIRED
627 (3)	INSTALL VALVE BOX CO2	EACH	2.00
640 (1a)	MOBILIZATION & DEMOBILIZATION CO1	LUMP SUM	ALL REQUIRED
640 (1b)	MOBILIZATION & DEMOBILIZATION CO1	LUMP SUM	ALL REQUIRED
605 (9)	UNDERDRAIN CLEANOUT COVER, CO2	LUMP SUM	ALL REQUIRED

CONTINUED

UTILITY COMPANY POINTS OF CONTACT "CALL BEFORE YOU DIG 586-1333"			
ELECTRIC	AP&T	DANNY GONCE	766-6500
TELEPHONE	AP&T	BRUCE MESSERSCHMIDT	766-6500
SEWER	CITY AND BOROUGH OF HAINES	BRIAN LEMCKE	766-2257
WATER	CITY AND BOROUGH OF HAINES	BRIAN LEMCKE	766-2257
CABLE	ED&D	ANDY GLACKIN	766-2337

611 (1)	PIPPAP, CLASS I, CO2	CUBIC YARD	5.00
640 (4a)	WORKERS MEALS & LODGING or PER DIEM CO1	LUMP SUM	ALL REQUIRED
640 (4b)	WORKERS MEALS & LODGING or PER DIEM CO1	LUMP SUM	ALL REQUIRED
641 (1a)	EROSION & POLLUTION CONTROL Admin CO1	LUMP SUM	ALL REQUIRED
641 (1b)	EROSION & POLLUTION CONTROL Admin CO1	LUMP SUM	ALL REQUIRED
642 (3)	THREE PERSON SURVEY PARTY CO1	HOURLY	25.33
643 (2a)	TRAFFIC MAINTENANCE CO1	LUMP SUM	ALL REQUIRED
643 (2b)	TRAFFIC MAINTENANCE CO1	LUMP SUM	ALL REQUIRED
644 (6a)	VEHICLES CO1	LUMP SUM	ALL REQUIRED
644 (6b)	VEHICLES CO1	LUMP SUM	ALL REQUIRED

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. RYDER & D. MULLINER DRAWN BY: D. MULLINER		HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568	
PATH: Q:\HNS\69568\EN\DOUG'S PLANSET\DOUG'S_C1_EST.DWG TAB: C1 Wednesday, September 21, 2011 3:45:14 PM		KARPSTEIN, KEITH D (DOT)	
ESTIMATES OF QUANTITIES		PROJECT DESIGNATION STP-000S(753)-69568	YEAR 2011
SHEET NO. C1	TOTAL SHEETS 43		

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 7/18/13

**202(3) REMOVAL OF SIDEWALK**

OFFSET	STATION		AREA (SY)	REMARKS
	FROM	TO		
LT	52+48.40	52+64.65	2.11	NW COR. DOT & PF
RT	56+62.90	59+66+88.80	23.199	GLACIER BEAR DR - SW COR. 6TH AVE
LT	53+56+62.13	59+66+88.83	42.371	NW COR. 6TH AVE
RT	57+81	59+85	44.6	
LT	59+67	59+85	48	NW COR. 6TH AVE
LT	60+26.17	63+62+44.64	29.216	NW NE COR. 6TH AVE. 5TH
RT	60+26.24	63+62+44.59	44.203	SE COR. 6TH AVE - SW COR. 5TH AVE
LT	60+88	64+46	28	
LT	64+77	64+85	44	
LT	62+62	62+78	46	
RT	62+65	63+60	60	
LT	63+42	63+61	20	NW COR. 5TH AVE
LT	64+00	67+64+49.32	29.295	NE COR. 5TH AVE - NW COR. 3RD AVE
RT	64+00.11	67+64+28.31	48.194	SE COR. 5TH AVE - SW COR. 4TH AVE
LT	64+60	64+80	48	
RT	64+80	65+10	42	
LT	65+48	65+68	42	
RT	66+26	67+36	67	
LT	66+40	67+36	67	
LT	67+75	71+68+99.17	79.219	NE COR. 4TH AVE - NW COR. 3RD AVE
RT	67+74.76	71+68+49.13	33.168	SE COR. 4TH AVE - SW COR. 3RD AVE
RT	69+76	70+06	48	
LT	70+82	74+10	47	NW COR. 3RD AVE
RT	70+82	74+10	47	SW COR. 3RD AVE
RT	71+68.66	74+74+85	43.304	SE COR. 3RD AVE - SW COR. 2ND AVE
LT	71+50	74+12.00	43.266	NE COR. 3RD AVE - MATCH W/565 LT
RT	74+67	74+86	43	SW COR. 2ND AVE
LT	74+67	74+86	38	NW COR. 2ND AVE
LT	0+75+26.00	80+75+63.54	28.414	69565 NE COR. 2ND AVE RT
RT	75+49.23	77+76+36.94	46.231	SE COR. 2ND AVE - SW COR. 1ST AVE
RT	76+60	76+86	30	
RT	77+28	77+64	30	
RT	77+83	78+04	48	SW COR. 1ST AVE
RT	78+44.54	80+32.49	42.219	SE COR. 1ST AVE - FRONT ST EOP
LT	80+36	80+54	44	FRONT ST. NW CURB RETURN

**202(9) REMOVAL OF CURB & GUTTER**

OFFSET	STATION		LENGTH (LF)	REMARKS
	FROM	TO		
LT	52+48.40	52+64.65	48.25	NW COR. DOT & PF
RT	56+62.50	59+66+88.82	32.441	SW COR. 6TH AVE
LT	53+56+62.13	59+66+88.83	27.75	NW COR. 6TH AVE
RT	57+81	59+85	48	
LT	60+26.17	63+62+44.64	34.353	NE NW COR. 6TH AVE - NW COR. 5TH AVE
LT	60+26	60+44	33	NE COR. 6TH AVE
RT	60+26.28	63+62+44.58	49.335	SE COR. 6TH - SW COR. 5TH
LT	60+88	64+46	48	
LT	64+77	64+85	48	
LT	62+62	62+78	26	
RT	62+65	63+60	98	
LT	63+42	63+61	33	NW COR. 5TH AVE
LT	64+00	67+64+49.32	33.332	NE COR. 5TH AVE - NW COR. 4TH AVE
RT	64+00.11	67+64+28.32	39.329	SE COR. 5TH AVE - SW COR. 4TH AVE
LT	64+60	64+86	36	
RT	64+80	65+10	29	
LT	66+48	66+68	20	
RT	66+26	67+36	110	
LT	66+40	67+36	112	
LT	67+75.66	71+68+99.26	426.360	NE COR. 4TH AVE - NW COR. 3RD AVE
RT	67+74.68	71+68+49.21	46.354	SE COR. 4TH AVE - SW COR. 3RD AVE
RT	69+76	70+06	30	
LT	71+70+82.61	74+10.00	39.337	NW COR. 3RD AVE - SW COR. 3RD AVE
RT	70+82	74+10	33	SW COR. 3RD AVE
RT	71+50	74+74+74.86	39.357	SE COR. 3RD AVE - SW 2ND
LT	74+60	74+42	166	
RT	74+67	74+86	26	SW COR. 2ND AVE
LT	74+67	74+86	48	NW COR. 2ND AVE
LT	76+26	76+63	48	NE COR. 2ND AVE
RT	75+19	78+76+36.01	26.301	SE COR. 2ND AVE - SW 1ST
RT	76+60	76+86	36	
RT	77+28	77+64	36	
RT	77+83	78+04	23	SW COR. 1ST AVE
RT	78+44.54	80+32.54	299.195	SE COR. 1ST AVE - EDP
LT	80+36.00	80+54	23.588	FRONT ST. NW CURB RETURN - EDP

**604(4) ADJUST EXISTING MANHOLE**

STATION	OFFSET	DESCRIPTION	REMARKS
60+08	11' RT	SSMH	
63+75	11' RT	SSMH	
67+33	22' LT	SDMH	
67+52	11' RT	SSMH	
67+76	22' LT	SDMH	
71+09	22' LT	SDMH	
71+25	11' RT	SSMH	
71+52	22' LT	SDMH	
74+85	22' LT	SDMH	
74+96	10' RT	SSMH	
75+30	22' LT	SDMH	
76+26	13' LT	MH	
78+71	13' LT	MH	
80+55	22' LT	SDMH	
80+74	10' LT	SSMH	
15+00	20' LT	SSMH	

**202(13) REMOVAL OF SIGNS**

STATION	OFFSET	ADDRESS	DESCRIPTION
71+75	28' RT	229 MAIN ST.	REMOVE SIGN IF WITHIN 30' OF CL OF MAIN STREET
72+35	25' RT	227 MAIN ST.	REMOVE SIGN IF WITHIN 30' OF CL OF MAIN STREET
72+85	25' RT	221 MAIN ST.	REMOVE SIGN IF WITHIN 30' OF CL OF MAIN STREET
75+40	29' LT	126 MAIN ST.	REMOVE SIGN IF WITHIN 30' OF CL OF MAIN STREET
76+20	25' LT	116 MAIN ST.	REMOVE SIGN IF WITHIN 30' OF CL OF MAIN STREET
76+35	45' LT	125 MAIN ST.	REMOVE SIGN IF WITHIN 30' OF CL OF SECOND AVE. (LOCATED ON SECOND AVE.)

**604(5) INLET TYPE-A**

STRUCT. NO.	STATION	OFFSET	TOP BACK OF CURB ELEV.	TOP OF CASTING ELEV.	STRUCT. TYPE	REMARKS
<b>MAIN STREET</b>						
S-1	74+73 (CL OF GRATE)	21' LT	82.05	81.53	A	REFER TO DETAIL SHT. J6
S-2	80+20 (CL OF GRATE)	34' RT	39.25	38.73	A	

**202(4) REMOVAL OF CULVERT PIPE**

STATION	DIA. (IN)	LENGTH (FT)	COMMENTS
<b>ALLEN ROAD</b>			
13+03	36	50	
15+12	24	66	
<b>MAIN STREET</b>			
74+78	12	48-11.3	
80+42	48-12"	78-66	

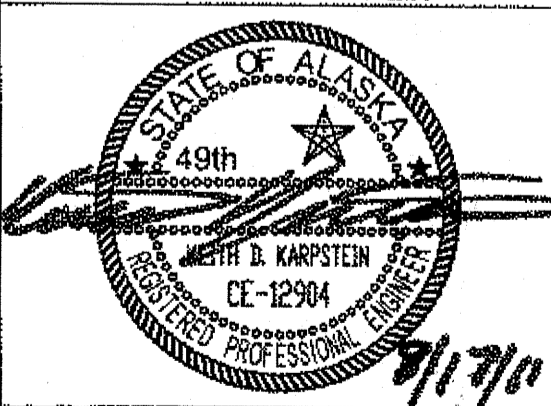
**603 CULVERT INSTALLATION**

PIPE	INLET			OUTLET			LENGTH (FT)	SIZE	REMARKS	APPROX GRADE
	STATION	OFFSET	INVERT	STATION	OFFSET	INVERT				
<b>ALLEN ROAD</b>										
P-1	10+98	23.2' LT	43.90	11+08	23.2' LT	43.70	10	18" CPP		2.00%
P-2	13+04	23.10' LT	41.30-25	13+02	26.86' RT	40.30-28	50	57" X 38" CAPA		2.00%
P-3	15+29	32' LT	MATCH EXISTING	15+00	26' RT	MATCH EXISTING	64.69	24" CPP		2.45%
<b>MAIN STREET</b>										
P-4	74+73	21.4' LT	MATCH EXISTING	74+85	21.4' LT	MATCH EXISTING	29-11.3	12" CPP CMP	SEE DETAIL SHT. J6 (FIELD VERIFY EXISTING PIPE INVERT ELEVATIONS)	-
P-5	80+20	34.4' RT	34.30	80+55	21' LT	30.68	79-68	18" CPP	FIELD VERIFY EXISTING PIPE INVERT ELEVATIONS	5.17%

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: 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. RYDER & D. MULLINER  
 DRAWN BY: D. MULLINER

PATH: Q:\HNS\69566\EN\DOUG'S PLANSET\69568\_D1-07\_SUM.DWG  
 TAB: D1 Wednesday, August 17, 2011 1:55:34 PM MULLINER, DOUGLAS J (DOT)

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568**

**SUMMARIES**

NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	D1	43

**604(9) INLET GRATE REPLACEMENT**

STATION	OFFSET	COMMENTS
76+26	LT	GRATE STYLE PER STD. DWG. D-22.01
77+67	RT	GRATE STYLE PER STD. DWG. D-22.02
77+67	LT	GRATE STYLE PER STD. DWG. D-22.03

NOTE: CONTRACTOR TO FIELD VERIFY GRATE SIZE BEFORE ORDERING

604(10) GUTTER PAN FRAME AND GRATE INSTALLATION		
STATION	OFFSET	COMMENTS
53+25	LT	
59+25	LT	
67+76	LT	
71+09	LT	
75+27	LT	

**604(10) GUTTER PAN FRAME AND GRATE INSTALLATION**

STATION	OFFSET	COMMENTS
60+37	LT	(NE COR. OF MAIN ST. & 6TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
60+37	RT	(SE COR. OF MAIN ST. & 6TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
63+48	LT	(NW COR. OF MAIN ST. & 5TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
64+12	LT	(NE COR. OF MAIN ST. & 5TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
64+13	RT	(SE COR. OF MAIN ST. & 5TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
67+35	LT	(NW COR. OF MAIN ST. & 4TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
67+87	RT	(SE COR. OF MAIN ST. & 4TH AVE.) GRATE STYLE PER STD. DWG. D-22.01.
71+51	LT	(NE COR. OF MAIN ST. & 3RD AVE.) GRATE STYLE PER STD. DWG. D-22.01.
71+51	RT	(SE COR. OF MAIN ST. & 3RD AVE.) GRATE STYLE PER STD. DWG. D-22.01.
74+73	LT	(S-1) (NW COR. OF MAIN ST. & 2ND AVE.) GRATE STYLE PER STD. DWG. D-22.01.
74+85	LT	(NW COR. OF MAIN ST. & 2ND AVE.) GRATE STYLE PER STD. DWG. D-22.01.
74+85	RT	(SW COR. OF MAIN ST. & 2ND AVE.) GRATE STYLE PER STD. DWG. D-22.01.
80+42	LT	(COR. OF MAIN ST. & FRONT ST.) GRATE STYLE PER STD. DWG. D-22.01.
77+67	RT	
77+67	LT	

POURED IN PLACE RISER.  
POURED IN PLACE RISER.  
POURED IN PLACE RISER.

**604(8) INLET FRAME & GRATE INSTALLATION**

STATION	OFFSET	COMMENTS
56+68	LT	CURB TYPE INLET BOX FRAME AND GRATE. GRATE STYLE PER STD. DWG. D-22.01.
56+68	RT	CURB TYPE INLET BOX FRAME AND GRATE. GRATE STYLE PER STD. DWG. D-22.01.
69+86	LT	GUTTER INLET STD. DWG. D-24.00. GRATE STYLE PER STD. DWG. D-22.01.
67+76	LT	GUTTER INLET STD. DWG. D-24.00. GRATE STYLE PER STD. DWG. D-22.01.
74+09	LT	GUTTER INLET STD. DWG. D-24.00. GRATE STYLE PER STD. DWG. D-22.01.
76+27	LT	GUTTER INLET STD. DWG. D-24.00. GRATE STYLE PER STD. DWG. D-22.01.
80+20	RT	CURB TYPE INLET BOX FRAME AND GRATE (S-2). GRATE STYLE PER STD. DWG. D-22.01.
54+65	LT	CURB TYPE INLET BOX FRAME AND GRATE
76+25	LT	GUTTER INLET FRAME AND GRATE

**608(6) CURB RAMP**

STATION	OFFSET	REMARKS
52+59	LT	ONE WAY DIRECTIONAL RAMP
56+80	LT	MID BLOCK RAMP
56+80	RT	MID BLOCK RAMP
NW CORNER OF MAIN ST. & 6TH AVE	LT	BLENDED TRANSITION RAMP
NE CORNER OF MAIN ST. & 6TH AVE	LT	BLENDED TRANSITION RAMP
SW CORNER OF MAIN ST. & 6TH AVE	RT	ONE WAY DIRECTIONAL RAMP
SE CORNER OF MAIN ST. & 6TH AVE	RT	ONE WAY DIRECTIONAL RAMP
NW CORNER OF MAIN ST. & 5TH AVE	LT	BLENDED TRANSITION RAMP
NE CORNER OF MAIN ST. & 5TH AVE	LT	BLENDED TRANSITION RAMP
SW CORNER OF MAIN ST. & 5TH AVE	RT	ONE WAY DIRECTIONAL RAMP
SE CORNER OF MAIN ST. & 5TH AVE	RT	ONE WAY DIRECTIONAL RAMP
NW CORNER OF MAIN ST. & 4TH AVE	LT	BLENDED TRANSITION RAMP
NE CORNER OF MAIN ST. & 4TH AVE	LT	BLENDED TRANSITION RAMP
SW CORNER OF MAIN ST. & 4TH AVE	RT	ONE WAY DIRECTIONAL RAMP
SE CORNER OF MAIN ST. & 4TH AVE	RT	ONE WAY DIRECTIONAL RAMP
NW CORNER OF MAIN ST. & 3RD AVE	LT	BLENDED TRANSITION RAMP
NE CORNER OF MAIN ST. & 3RD AVE	LT	BLENDED TRANSITION RAMP
SW CORNER OF MAIN ST. & 3RD AVE	RT	ONE WAY DIRECTIONAL RAMP
SE CORNER OF MAIN ST. & 3RD AVE	RT	BLENDED TRANSITION RAMP
NW CORNER OF MAIN ST. & 2ND AVE	LT	BLENDED TRANSITION RAMP
NE CORNER OF MAIN ST. & 2ND AVE	LT	BLENDED TRANSITION RAMP
SW CORNER OF MAIN ST. & 2ND AVE	RT	BLENDED TRANSITION RAMP
SE CORNER OF MAIN ST. & 2ND AVE	RT	BLENDED TRANSITION WITH FLARES RAMP
77+95	EXISTING	ONE WAY DIRECTIONAL RAMP (1ST AVE.)
78+52	EXISTING	ONE WAY DIRECTIONAL RAMP (1ST AVE.)
80+50	LT	ONE WAY DIRECTIONAL RAMP
53+09	LT	ONE WAY DIRECTIONAL RAMP

**608(1B) CONCRETE SIDEWALK (6 INCH) / 639(3) DRIVEWAY**

(CL) STATION	OFFSET	DW WIDTH (FT)	6" CONC. WIDTH (FT)	AREA (SY)	REMARKS
60+73	RT	44.16	26 28.5	46.17	
61+22	LT	36	48 49	29.30	RESEED EXISTING VEGETATED AREA
62+02	RT	44.15	26 27	16	
62+65	LT	14	26	16	RESEED EXISTING VEGETATED AREA
64+65	LT	48.12	30 24	48.15	
66+53	LT	14	26	16	
71+94	LT	16	28 29.5	23.25	
72+45	LT	16	28.5	23.24	
72+97	LT	16	28	23	
76+78	RT	24.27	34 39	28.33	
77+46	RT	24.30	34 42	28.35	

(CL) STATION	OFFSET	DW WIDTH (FT)	6" CONC. WIDTH (FT)	AREA (SY)
69+00	RT	14	23	21
76+71.5	LT	17	29	24
77+55.5	LT	15	27	23
78+16	LT	18	30	25
78+98	LT	14	20	17

**608(1A) CONCRETE SIDEWALK (4 INCH)**

STATION FROM	STATION TO	OFFSET	LENGTH (FT)	AREA (SY)	REMARKS
56+62-56	59-66+69-50	RT	47 333	44 203	SE COR GLACIER BEAR DR - SW COR SCHOOL ENTRANCE REMOVE EXISTING RAMP AND REPLACE WITH NEW SIDEWALK
52-66+63-43	52 66+70-59	LT	7 25	4 13	NW COR DOT MAINT.
60-67+84-28	63-69+74-55	RT	48- 275	44- 168	SE COR SCHOOL ENTRANCE - SW COR 5TH AVE
60+43	60+60	RT	17	11	SIDEWALK FLARE AROUND LIGHT POLE
69+86	61+88	RT	102	63	NE COR DOT MAINT. - NW COR 6TH AVE
53-61+77-08	59-61+86-83	LT	48 682	44 317	SIDEWALK FLARE AROUND LIGHT POLE (61+85)
62+66	63+42	RT	77	48	SIDE WALK FLARE AROUND LIGHT POLE (63+48)
64+48 03	67-64+28-30	RT	40 329	6 200	SE COR 5TH AVE - SW COR 4TH AVE
60-64+80-28	63-64+86-64	LT	6 260	4 160	NE COR 6TH AVE - NW COR 5TH AVE
64+90	66+10	RT	20	14	
64-66+48-06	67-66+68-30	LT	20 293	13 180	NE COR 5TH AVE - NW COR 4TH AVE
66+26	67+17	RT	92	67	SIDEWALK FLARE AROUND LIGHT POLE (66+95)
67-66+66-80	71-67+17-05	LT	64 320	34 196	SIDEWALK FLARE AROUND LIGHT POLE (66+95)
67+86	68+90	LT	104	66	NE COR 4TH AVE - NW COR 3RD AVE
67+93 78	71-68+19-08	RT	26 332	22 274	SE COR 4TH AVE - SW COR 3RD AVE
71-68+76-53	74-70+06-83	RT	30 356	26 294	SE COR 3RD AVE - SW COR 2ND AVE
71+68 56	0-74+89-00	LT	42 274	18 248	NE COR 3RD AVE - MATCH INTO PROJECT 69565(LT)
0-72+08-00	80-72+34-43	LT	23 297	10 198	69565 (RT) - EOP RT FRONT ST
72+69	72+83	LT	24	20	SE COR 2ND AVE - SW COR 1ST AVE
75-74+80-19	77 + 95	LT RT	44 212	44 179	SIDEWALK SECTION THAT TIES INTO THE 2ND AVE. PROJECT
76+30	-	LT	44	7	SIDEWALK SECTION THAT TIES INTO THE 2ND AVE. PROJECT
78+69-46	80+32	RT	475 186	447 114	SE COR 1ST AVE - MATCH INTO FRONT STREET PROJECT #69316

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. RYDER & D. MULLINER  
DRAWN BY: D. MULLINER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

HNS: ALLEN ROAD & MAIN STREET  
PAVEMENT REHABILITATION  
PROJECT #69568

9/16/11

**SUMMARIES**

NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	D2	43

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Date: 9/18/13  
PE: [Signature]



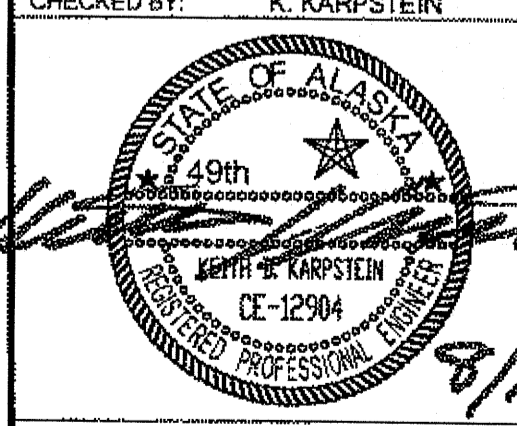
609(2) CURB & GUTTER				
OFFSET	STATION		LENGTH (LF)	REMARKS
	FROM	TO		
LT	52+48.43	52+64.59	48.26	NW COR DOT MAINT.
RT	56+62.58	59+66+89.28	37.315	SW ENTRANCE TO SCHOOL
LT	53-56+63-12	59-66+90-83	27.659	NW COR 6TH AVE
RT	67+94	69+85	495	
LT	69+67	69+85	26	NW COR 6TH AVE
LT	60+26-28	63-60+44-64	24.344	NW-NE COR. 6TH AVE. 5TH
RT	60+26-29	63-62+46-57	499.340	SW COR 5TH AVE
LT	60+98	64+46	48	
LT	64+77	64+95	18	
LT	62+62	62+78	26	
RT	62+65	63+60	96	
LT	63+42	63+64	22	NW COR 5TH AVE
LT	64+00.02	67-64+49-45	22.355	NW-NE COR. 5TH AVE. 4TH
RT	64+00.11	67-64+28-32	28.338	SW-SE COR. 5TH AVE. 4TH
LT	64+60	64+86	36	
RT	64+90	65+40	20	
LT	65+48	65+68	20	
RT	66+26	67+36	440	
LT	66+40	67+36	442	
LT	67+75.76	71-68+98-05	429.354	NW COR 3RD AVE
RT	67+74.78	71-68+49-05	46.345	SW COR 3RD AVE
RT	69+76	70+06	30	
LT	70+92	74+48	26	NW COR 3RD AVE
RT	70+92	74+48	30	SW COR 3RD AVE
RT	71+60.55	74-74+74-83	30.359	SW-SE COR. 3RD AVE. 2ND
LT	71+60.59	0-73+42-00	468.371	MATCH INTO PRJ L95L5
RT	74+67	74+86	26	SW COR 2ND AVE
LT	74+67	74+86	40	NW COR 2ND AVE
LT	0-75+26-00	80-75+63-54	48.554	EDP @ NE COR. 2ND AVE. FRONT ST
RT	75+19	75-75+36-01	26.213	SW-SE COR. 2ND AVE. 1 ST
RT	76+60	76+96	36	
RT	77+28	77+64	36	
RT	77+83	78+04	23	SW COR 1ST AVE
RT	78+44-30	80+32	289.193	EDP @ FRONT ST - PRJ L9316
LT	80+35	80+54	24	FRONT ST. NW CURB RETURN

627(10) ADJUST VALVE BOX		
STATION	OFFSET	REMARKS
58+09	12' RT	
59+91	11' LT	
59+94	9' LT	
60+22	6' LT	DOES NOT EXIST
60+25	9' LT	
60+50	13' LT	FIRE HYDRANT
62+68	27' LT	CURB STOP
63+42	28' RT	CURB STOP
64+10	8' LT	
64+29	12' LT	FIRE HYDRANT
64+61	27' LT	CURB STOP
66+44	27' LT	CURB STOP
67+56	8' LT	
67+99	8' LT	
71+32	6' LT	
71+34	8' LT	
71+74	6' LT	FIRE HYDRANT
72+30	6' LT	
72+93	5' LT	
72+93	12' LT	
73+37	8' LT	
74+64	10' LT	FIRE HYDRANT
75+08	8' LT	
75+11	2' RT	
75+11	10' LT	
75+30	1' RT	
75+28	18' LT	SEWER CLEANOUT
75+76	1' LT	
77+36	19' LT	FIRE HYDRANT
78+25	2' RT	
78+63	26' RT	CURB STOP DOES NOT EXIST
80+45	3' RT	
80+47	6' RT	
80+48	1' RT	

642(9) REFERENCE EXISTING MONUMENT 642(11) ADJUST EXISTING MONUMENT CASE		
STATION	OFFSET	REMARKS
60+05	5' LT	CL MONUMENT MAIN ST. AND 6TH AVE.
63+80	5' LT	CL MONUMENT MAIN ST. AND 5TH AVE.
67+55	5' LT	CL MONUMENT MAIN ST. AND 4TH AVE.
71+30	5' LT	CL MONUMENT MAIN ST. AND 3RD AVE.
75+05	5' LT	CL MONUMENT MAIN ST. AND 2ND AVE.

627(10) ADJUST VALVE BOX		
STATION	OFFSET	REMARKS
58+90	28' LT	CURB STOP
60+88	28' LT	CURB STOP
61+70	28' LT	CURB STOP
62+40	28' LT	CURB STOP
63+02	24' LT	CURB STOP
65+60	28' LT	CURB STOP
66+25	8' LT	
69+10	24' LT	CURB STOP
69+48	24' LT	CURB STOP
69+70	24' LT	CURB STOP
69+98	24' LT	CURB STOP
70+35	24' LT	CURB STOP
70+15	24' LT	CURB STOP
71+90	24' RT	CURB STOP
73+90	24' LT	CURB STOP
74+16	24' LT	CURB STOP
75+90	24' LT	CURB STOP
76+30	24' RT	WATER METER
76+50	25' LT	CURB STOP
77+25	23' LT	CURB STOP
78+25	4' RT	CURB STOP
79+95	29' LT	CURB STOP

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

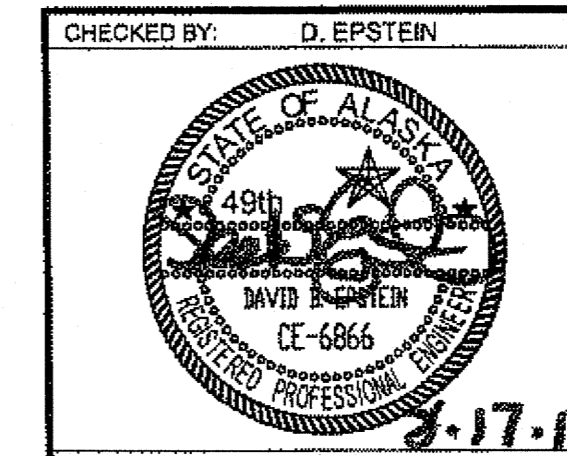
CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION				
	HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568				
DESIGNED BY: D. RYDER & D. MULLINER	<b>SUMMARIES</b>				
DRAWN BY: D. MULLINER	PATH: Q:\HNS\69568\EN\DOUG'S PLANSET\69568_D1-D7_SUM.DWG				
TAB: D3	Tuesday, August 16, 2011 10:44:07 AM MULLINER, DOUGLAS J. (DOT)				
NO.	REVISIONS	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
		STP-000S(753)-69568	2011	D3	43

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 7/10/13

**615(1) STANDARD SIGN SUMMARY**

ALLEN ROAD											
SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
1	STOP	10+38	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
*2	ALLEN RD	10+38	LT	D3-1	30	8	1.67	-	-	EB/WB	MOUNT ABOVE SIGN #3 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
*3	MAIN ST	10+38	LT	D3-1	24	8	1.33	-	-	NB/SB	MOUNT ABOVE SIGN #1 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
4	STOP	15+00	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
*5	ALLEN RD	15+00	RT	D3-1	30	8	1.67	-	-	EB/WB	MOUNT ABOVE SIGN #6 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
*6	HAINES HWY	15+00	RT	D3-1	36	8	2.00	-	-	NB/SB	MOUNT ABOVE SIGN #4 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
MAIN STREET											
7	ADVANCE SCHOOL CROSSING (SYMBOL)	50+00	RT	S1-1	36	36	9.00	2.5 PST	4'-6"	WB	
8	AHEAD	50+00	RT	W16-9P	36	18	4.50	-	-	WB	MOUNT BELOW SIGN #7
9	SPEED LIMIT 25	51+00	LT	R2-1	30	36	7.50	-	-	WB	
10	END SCHOOL ZONE	51+00	LT	S5-2	24	30	5.00	2.5 PST	4'-6"	WB	MOUNT BELOW SIGN #9
11	SCHOOL	51+00	RT	S4-3	36	12	3.00	2.5 PST	4'-6"	WB	MOUNT ABOVE SIGN #12
12	SPEED LIMIT 20	51+62+00	RT	R2-1	30	36	7.50	-	-	WB	
13	WHEN CHILDREN ARE PRESENT	51+62+00	RT	S4-2	36	18	4.50	-	-	WB	MOUNT BELOW SIGN #12
14	STOP	52+65	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
*15	MAIN ST	52+65	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #14 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
16	FAIRGROUND DALTON CITY	53+50	LT	SEE SHT S3	60	24	10.00	(2) 2.5 PST	4'-6"	WB	
17	CAMERA (SYMBOL)	53+50	LT	D9-102	24	24	4.00	-	-	WB	MOUNT BELOW SIGN #16 ON THE RIGHT
18	1/2 MILE (←SYMBOL)	53+50	LT	SEE SHT S3	24	24	4.00	-	-	WB	MOUNT BELOW SIGN #16 ON THE LEFT
19	NO STUDDED TIRES APRIL 15 TO SEPT. 30	56+30	LT	R12-103	84	66	38.50	(2) 2.5 PST	4'-6"	WB	
20	STOP	56+50	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
*21	GLACIER BEAR DR	56+50	RT	D3-1	48	8	2.67	-	-	NB/SB	MOUNT ABOVE SIGN #22 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
*22	MAIN ST	56+50	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #20 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
23	ADVANCE SCHOOL CROSSING (SYMBOL)	56+92	RT	S1-1	36	36	9.00	2.5 PST	4'-6"	WB	
24	DIAGONAL PLATE LEFT (ARROW)	56+92	RT	W16-7PL	30	18	3.75	-	-	WB	MOUNT BELOW SIGN #23
25	ADVANCE SCHOOL CROSSING (SYMBOL)	56+71	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	WB	
26	DIAGONAL PLATE LEFT (ARROW)	56+71	LT	W16-7PL	30	18	3.75	-	-	WB	MOUNT BELOW SIGN #25
27	ADVANCE SCHOOL CROSSING (SYMBOL)	59+62	RT	S1-1	36	36	9.00	2.5 PST	4'-6"	EB	
28	STOP	59+75	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
*29	6TH AVE	59+75	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #30 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
*30	MAIN ST	59+75	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #28 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
31	STOP	60+30	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
*32	MAIN ST	60+30	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #31 (FONT SERIES C, 4" / 3" LETTER HEIGHT)
33	ADVANCE SCHOOL CROSSING (SYMBOL)	60+54	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	WB	
34	QUESTION MARK SYMBOL (?)	62+20	RT	D9-10	24	24	4.00	2.5 PST	4'-6"	EB	
35	INFORMATION	62+20	RT	D9-10	24	6	1.00	-	-	EB	MOUNT BELOW SIGN #34
36	1500 FT	62+20	RT	D9-308	24	6	1.00	-	-	EB	MOUNT BELOW SIGN #35

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHEAST REGION

**HNS: ALLEN ROAD & MAIN STREET  
PAVEMENT REHABILITATION  
PROJECT #69568**

**SUMMARIES**

DESIGNED BY: D. MULLINER	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
DRAWN BY: D. MULLINER				
PATH: Q:\HNS\69568\END\DOUG'S PLANSET\69568_D1-D7_SUM.DWG	STP-000S(753)-69568	2011	D4	43
TAB: D4 Wednesday, August 17, 2011 12:00:21 PM MULLINER, DOUGLAS J (DOT)				
NO.	DATE	REVISIONS 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 7/10/13

**615(1) STANDARD SIGN SUMMARY**

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
<b>MAIN STREET</b>											
37	SPEED LIMIT 25	62+49	RT	R2-1	30	36	7.50	-	-	EB	
38	END SCHOOL ZONE	62+49	RT	S5-2	24	30	5.00	2.5 PST	4'-6"	EB	MOUNT BELOW SIGN #37
39	SCHOOL	62+45	LT	S4-3	36	12	3.00	2.5 PST	4'-6"	WB	MOUNT ABOVE SIGN #40
40	SPEED LIMIT 20	62+45	LT	R2-1	30	36	7.50	-	-	WB	
41	WHEN CHILDREN ARE PRESENT	62+45	LT	S4-2	36	18	4.50	-	-	WB	MOUNT BELOW SIGN #40
42	ADVANCE SCHOOL CROSSING (SYMBOL)	63+29	RT	S1-1	36	36	9.00	2.5 PST	4'-6"	EB	
43	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	63+29	RT	R7	12	18	1.50	-	-	EB	MOUNT BELOW SIGN #42
44	STOP	63+51	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
45	5TH AVE	63+51	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #46 (FONT SERIES C, 4" LETTER HEIGHT)
46	MAIN ST	63+51	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #44 (FONT SERIES C, 4" LETTER HEIGHT)
47	STOP	64+05	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
48	MAIN ST	64+05	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #47 (FONT SERIES C, 4" LETTER HEIGHT)
49	NO U-TURN	64+34	LT	R3-4	30	30	6.25	-	-	WB	
50	ADVANCE SCHOOL CROSSING (SYMBOL)	64+34	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	WB	MOUNT BELOW SIGN #49
51	STOP	67+25.31	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	MOVED SIGN 6.5' AWAY FROM EXISTING CONCRETE SLAB FOR VISIBILITY
52	4TH AVE	67+25.31	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #53 (FONT SERIES C, 4" LETTER HEIGHT)
53	MAIN ST	67+25.31	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #51 (FONT SERIES C, 4" LETTER HEIGHT)
54	NO U-TURN	L7-68+03.92	LT	R3-4	30	30	6.25	2.5 PST	4'-6"	WB	
55	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	70+80	RT	R7	12	18	1.50	-	-	EB	
56	STOP	71+01	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
57	3RD AVE	71+01	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #58 (FONT SERIES C, 4" LETTER HEIGHT)
58	MAIN ST	71+01	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #55 (FONT SERIES C, 4" LETTER HEIGHT)
59	STOP	71+54	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
60	3RD AVE	74+54	RT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #61 (FONT SERIES C, 4" LETTER HEIGHT)
61	MAIN ST	71+54	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #59 (FONT SERIES C, 4" LETTER HEIGHT)

APPROVED FOR CONSTRUCTION

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS


CHECKED BY: D. EPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION <b>HNS: ALLEN ROAD &amp; MAIN STREET PAVEMENT REHABILITATION PROJECT #69568</b>	
DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		<b>SUMMARIES</b>	
PATH: Q:\HNS\09668\EN\DOUG'S PLANSET\69568_D1-07_SUM.DWG TAB: D5 Wednesday, August 17, 2011 10:31:34 AM MULLINER, DOUGLAS J (DOT)			
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION STP-000S(753)-69568	YEAR 2011
		SHEET NO. D5	TOTAL SHEETS 43

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 7/18/13

615(1) STANDARD SIGN SUMMARY											
SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
MAIN STREET											
62	NO U-TURN	71+70.68	LT	R3-4	30	30	6.25	2.5 PST	4'-6"	WB	ADJUSTED TO BACK OF SIDEWALK FOR FIRE HYDRANT
63	LIBRARY (SYMBOL)	71+70	LT	I-8	24	24	4.00	-	-	WB	MOUNT BELOW SIGN #62 NOT MOUNTED
64	LIBRARY	71+70	LT	I-8P	24	12	2.00	-	-	WB	MOUNT BELOW SIGN #63
65	ARROW POINTING LEFT	71+70	LT	D9-301	24	6	1.00	-	-	WB	MOUNT BELOW SIGN #64
66	1 HOUR PARKING 9AM-7PM MONDAY THRU SATURDAY	71+70	LT	R7	12	18	1.50	-	-	WB	MOUNT BELOW SIGN #65
69	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	72+05	RT	R7	12	18	1.50	2.5 PST	4'-6"	EB	
70	1 HOUR PARKING 9AM-7PM MONDAY THRU SATURDAY	73+78	RT	R7	12	18	1.50	-	-	EB	MOUNT ON LIGHT POLE
71	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	72.74+04.70	LT	R8	12	18	1.50	-	-	WB	MOUNTED ON LIGHT POLE
72	HANDICAP PARKING	74+35	RT	R7-8RL	12	18	1.50	2.5 PST	4'-6"	EB	
73	NO PARKING 5:00AM TO 9:00AM FOR SNOW REMOVAL	74+35	RT	R7	12	18	1.50	-	-	EB	MOUNT BELOW SIGN #72
74	STOP	74+62	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
75	4-WAY	74+62	RT	R1-3	12	6	0.50	-	-	EB	MOUNT UNDER SIGN #74
76	2ND AVE	74+62	RT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #77 (FONT SERIES C, 4" LETTER HEIGHT)
77	MAIN ST	74+62	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #74 (FONT SERIES C, 4" LETTER HEIGHT)
78	STOP	74+81	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
79	4-WAY	74+81	LT	R1-3	12	6	0.50	-	-	SB	MOUNT UNDER SIGN #78
80	2ND AVE	74+81	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #81 (FONT SERIES C, 4" LETTER HEIGHT)
81	MAIN ST	74+81	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #78 (FONT SERIES C, 4" LETTER HEIGHT)
82	STOP	75+25	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	MOVED 1.5' TOWARDS BACK OF SIDEWALK
83	4-WAY	75+25	RT	R1-3	12	6	0.50	-	-	SB	MOUNT UNDER SIGN #82
84	2ND AVE	75+25	RT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #85 (FONT SERIES C, 4" LETTER HEIGHT)
85	MAIN ST	75+25	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #82 (FONT SERIES C, 4" LETTER HEIGHT)
86	STOP	75+45	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
87	4-WAY	75+45	LT	R1-3	12	6	0.50	-	-	WB	MOUNT UNDER SIGN #86
88	2ND AVE	75+45	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #89 (FONT SERIES C, 4" LETTER HEIGHT)
89	MAIN ST	75+45	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #86 (FONT SERIES C, 4" LETTER HEIGHT)
90	STOP	78+45	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
91	1ST AVE	78+45	RT	D3-1	24	8	1.33	-	-	NB/SB	MOUNT ABOVE SIGN #92 (FONT SERIES C, 4" LETTER HEIGHT)
92	MAIN ST	78+45	RT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #90 (FONT SERIES C, 4" LETTER HEIGHT)
93	STOP	80+50	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
94	FRONT ST.	80+50	LT	D3-1	30	8	1.67	-	-	NB/SB	MOUNT ABOVE SIGN #95 (FONT SERIES C, 4" LETTER HEIGHT)
95	MAIN ST	80+50	LT	D3-1	24	8	1.33	-	-	EB/WB	MOUNT ABOVE SIGN #93 (FONT SERIES C, 4" LETTER HEIGHT)

APPENDIX NO. 1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		<b>HNS: ALLEN ROAD &amp; MAIN STREET          PAVEMENT REHABILITATION          PROJECT #69568</b>	
PATH: Q:\HNS\69568\END\DOUG'S PLANSET\69568_D1-D7_SUM.DWG TAB: D6 Wednesday, August 17, 2011 10:44:45 AM MULLINER, DOUGLAS J. (DOT)		<b>SUMMARIES</b>	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION <b>STP-000S(753)-69568</b>	YEAR <b>2011</b>
		SHEET NO. <b>D6</b>	TOTAL SHEETS <b>43</b>


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 7/18/13

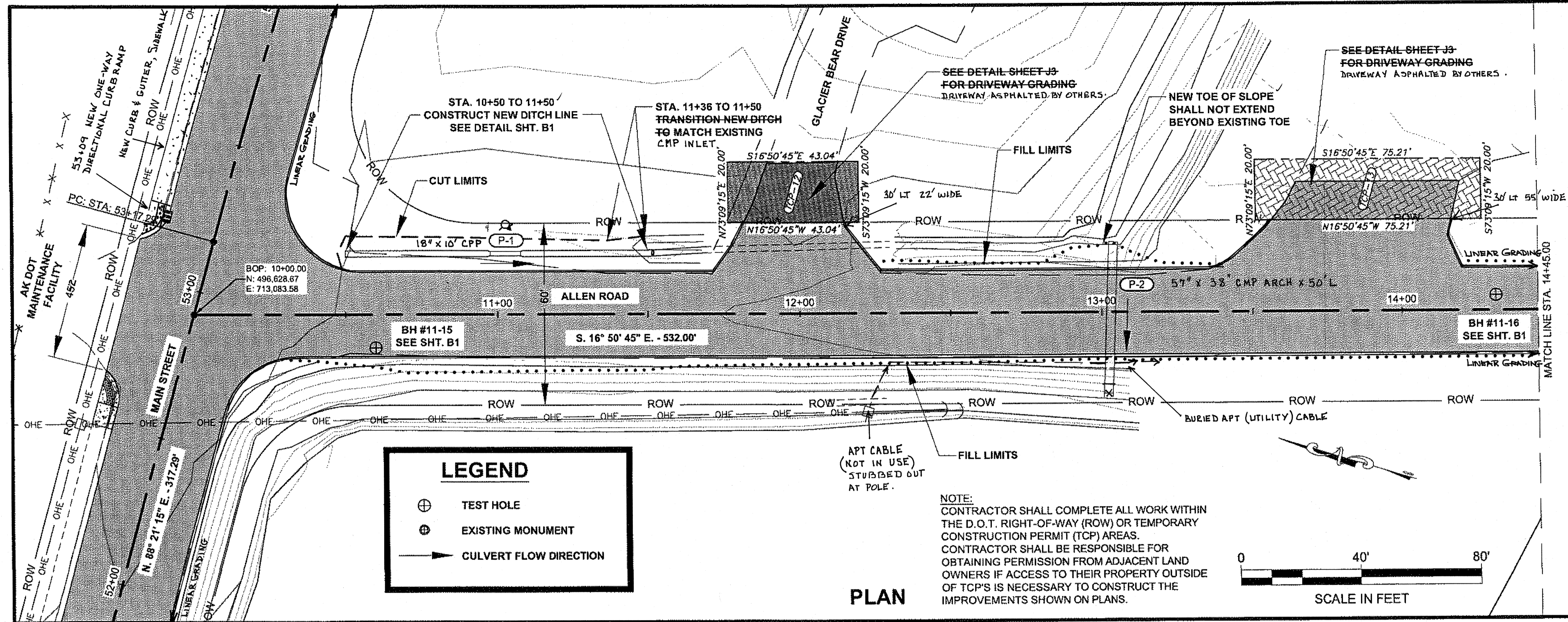
STRIPING SUMMARY			
BEGIN STATION	END STATION	LINEAR FEET	REMARKS
<b>ALLEN ROAD</b>			
10+34	15+22	488	4" CL DOUBLE SOLID YELLOW
-	-	530	(LT-FOG LINE) 4" WHITE (MATCH OLD HAINES HWY STRIPING)
-	-	545	(RT-FOG LINE) 4" WHITE (MATCH OLD HAINES HWY STRIPING)
<b>MAIN STREET</b>			
50+00	52+65	265	4" CL DOUBLE SOLID YELLOW
50+00	62+56	256	(LT-FOG LINE) 4" WHITE (MATCH INTO EXISTING 4" WHITE STRIPING)
50+00	-	290	(RT-FOG LINE) 4" WHITE (MATCH INTO EXISTING 4" WHITE STRIPING) (MATCH INTO ALLEN ROAD 4" WHITE)
53+23	56+73	350	(LT-FOG LINE) 4" WHITE
-	56+07	297	(RT-FOG LINE) 4" WHITE (MATCH INTO ALLEN ROAD 4" WHITE)
53+41	56+07	266	4" CL DOUBLE SOLID YELLOW
56+60	56+73	13	4" CL DOUBLE SOLID YELLOW
-	56+73	30	(LT-FOG LINE) 4" WHITE (FROM THE STOP BAR AT GLACIER BEAR DR. TO 24" WHITE CROSS WALK)
-	-	17	24" STOP BAR (GLACIER BEAR DRIVE)
56+73	-	41	24" SOLID WHITE CROSSWALK LINE (MID-BLOCK CROSSING)
56+86	-	41	24" SOLID WHITE CROSSWALK LINE (MID-BLOCK CROSSING)
56+86	59+73	287	4" CL DOUBLE SOLID YELLOW
56+86	59+73	287	(LT-FOG LINE) 4" WHITE
56+86	59+73	287	(RT-FOG LINE) 4" WHITE
59+73	-	41	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
59+83	-	41	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+06 (RT)	-	44	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+06 (RT)	-	44	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+06 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+06 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+26	-	41	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+36	-	41	24" SOLID WHITE CROSSWALK LINE (6TH AVE. INTERSECTION)
60+36	63+50	314	4" CL DOUBLE SOLID YELLOW
60+36	63+50	314	(LT-FOG LINE) 4" WHITE
60+36	63+50	314	(RT-FOG LINE) 4" WHITE
60+36	-	41	24" SOLID WHITE CROSSWALK LINE (5TH AVE. INTERSECTION)
60+46	-	50	24" SOLID WHITE CROSSWALK LINE (5TH AVE. INTERSECTION)
63+80 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (5TH AVE. INTERSECTION)
63+80 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (5TH AVE. INTERSECTION)
64+00	-	50	24" SOLID WHITE CROSSWALK LINE (5TH AVE. INTERSECTION)
64+10	-	41	24" SOLID WHITE CROSSWALK LINE (5TH AVE. INTERSECTION)

STRIPING SUMMARY			
BEGIN STATION	END STATION	LINEAR FEET	REMARKS
64+10	67+27	317	4" CL DOUBLE SOLID YELLOW
64+10	67+27	317	(LT-FOG LINE) 4" WHITE
64+10	67+27	317	(RT-FOG LINE) 4" WHITE
67+55 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (4TH AVE. INTERSECTION)
67+55 (LT)	-	45	24" SOLID WHITE CROSSWALK LINE (4TH AVE. INTERSECTION)
67+85	71+00	315	4" CL DOUBLE SOLID YELLOW
67+85	71+00	315	(LT-FOG LINE) 4" WHITE
67+85	71+00	315	(RT-FOG LINE) 4" WHITE
71+00	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+10	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+30 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+30 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+30 (RT)	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+30 (RT)	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+50	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+60	-	41	24" SOLID WHITE CROSSWALK LINE (3RD AVE. INTERSECTION)
71+60	74+74	314	4" CL DOUBLE SOLID YELLOW
71+60	74+74	314	(LT-FOG LINE) 4" WHITE
71+60	74+74	314	(RT-FOG LINE) 4" WHITE
74+74	-	41	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
74+84	-	41	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+06 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+06 (LT)	-	41	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+02 (RT)	-	36	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+02 (RT)	-	36	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+22	-	42	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+32	-	42	24" SOLID WHITE CROSSWALK LINE (2ND AVE. INTERSECTION)
75+35	77+90	258	4" CL DOUBLE SOLID YELLOW
75+37	80+44	512	(LT-FOG LINE) 4" WHITE
75+32	77+90	258	(RT-FOG LINE) 4" WHITE
78+21	-	61	24" SOLID WHITE CROSSWALK LINE (1ST AVE. CROSS STREET)
78+21	-	42	24" SOLID WHITE CROSSWALK LINE (1ST AVE. CROSS STREET)
78+55	80+44	189	4" CL DOUBLE SOLID YELLOW
78+55	80+38	189	(RT-FOG LINE) 4" WHITE (MATCH INTO PROJECT #69316)

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 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN  DESIGNED BY: D. MULLINER DRAWN BY: D. MULLINER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION <b>HNS: ALLEN ROAD &amp; MAIN STREET PAVEMENT REHABILITATION PROJECT #69568</b>				
PATH: Q:\HNS\69568\EN\DOUG'S PLANSET\69568_D1-D5_SUM.DWG TAB: D7 Friday, August 12, 2011 5:29:04 PM MULLINER, DOUGLAS J. (DOT)		<b>SUMMARIES</b>				
NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	D7	45



**LEGEND**

- ⊕ TEST HOLE
- ⊙ EXISTING MONUMENT
- CULVERT FLOW DIRECTION

**NOTE:**  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.

PATH: Q:\HNS\69568\EN\DOUG'S PLANS\DOUG'S F\_SHEETS.DWG

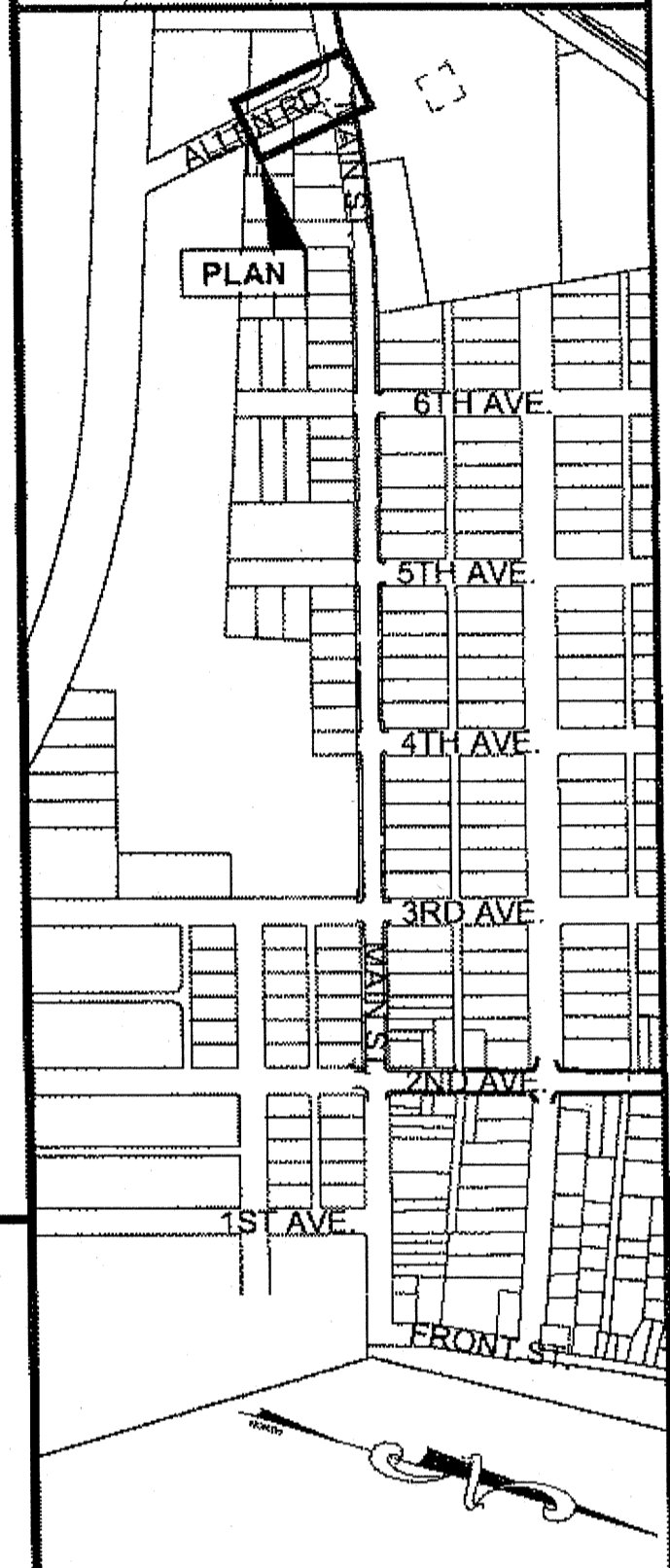
MULLINER, DOUGLAS J (DOT)  
 TAB: F1 Tuesday, August 16, 2011 10:35:39 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**PLAN LEGEND**

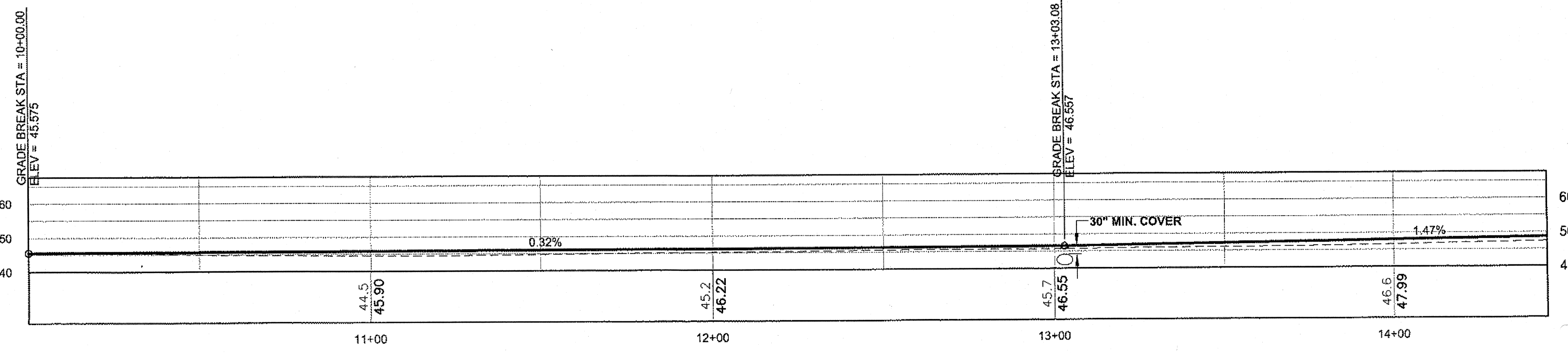
CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. RYDER & D. MULLINER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568**



**PROFILE**

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 7/10/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

**PLAN VIEW**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
ALASKA	2011

SHEET NUMBER	TOTAL SHEETS
F1	43

PATH: Q:\HNS\69568\EN\DOUG'S  
 PLANSET\DOUG'S F. SHEETS.DWG

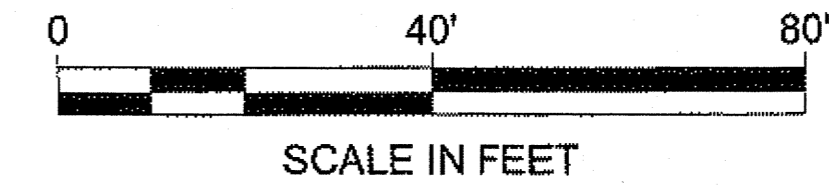
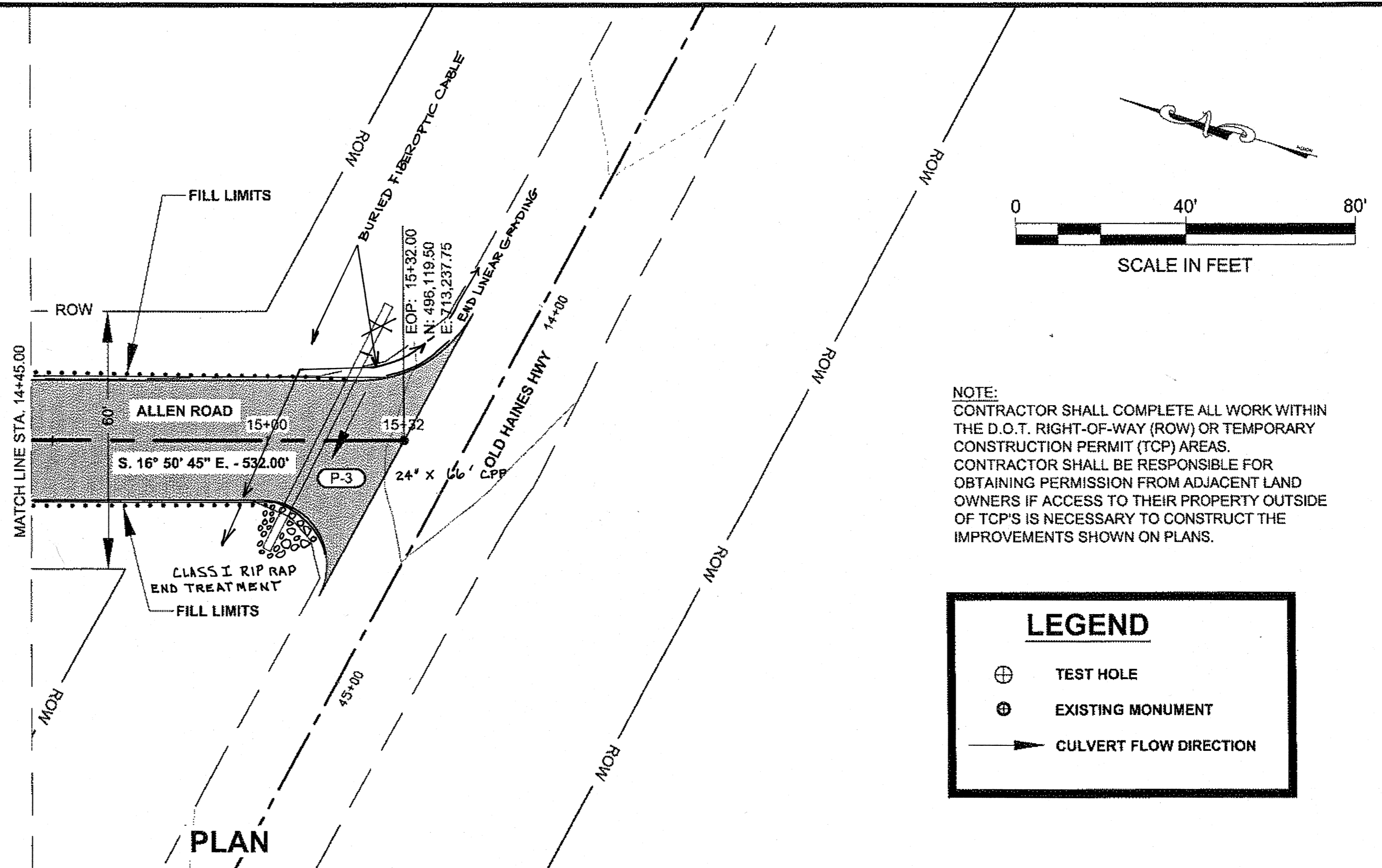
MULLINER, DOUGLAS J. (DOT)  
 TAB: F2 Tuesday, August 16, 2011 10:36:17 AM

ADDENDUM NUMBER

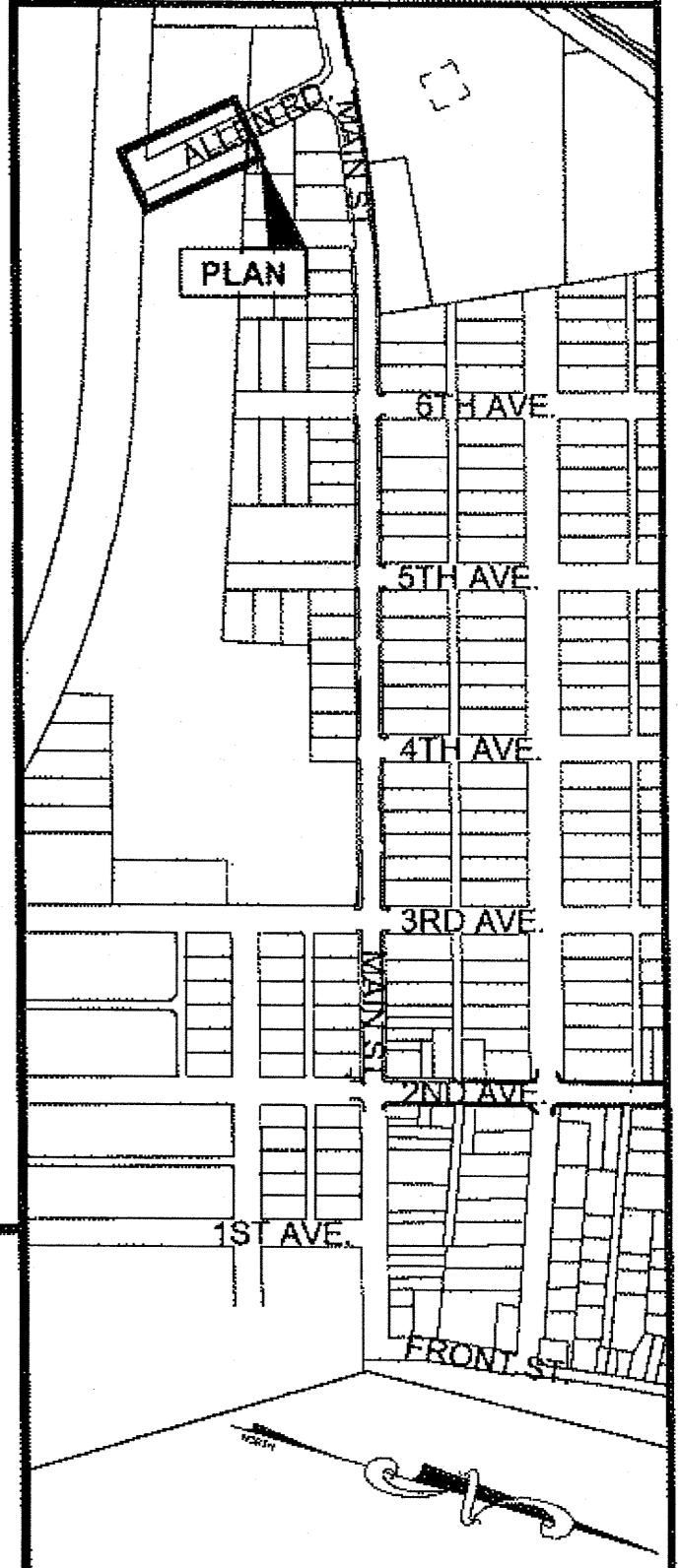
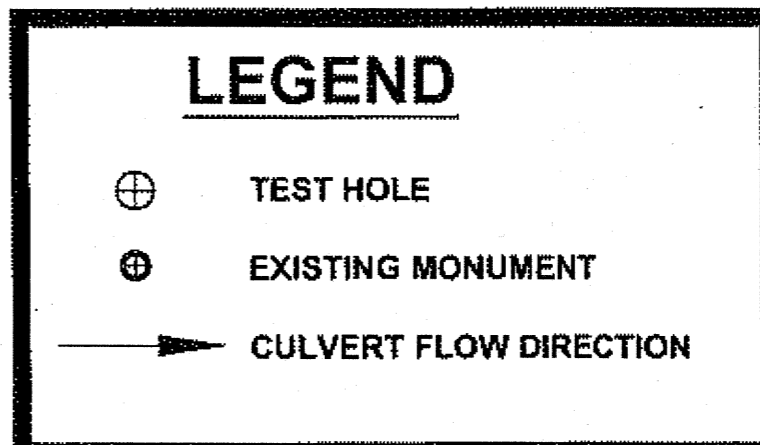
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

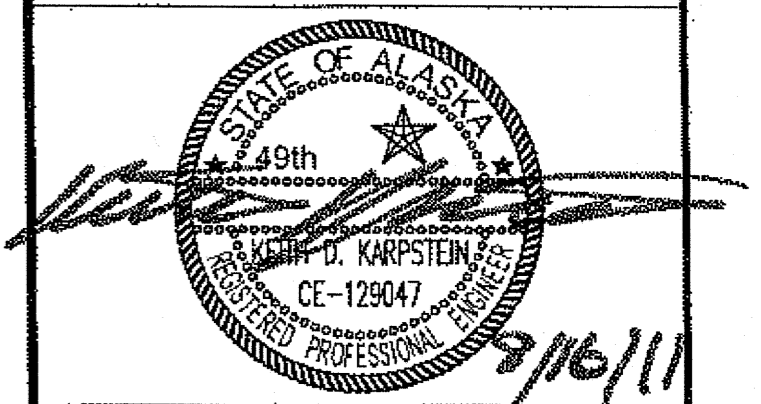


NOTE:  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.



**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN



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

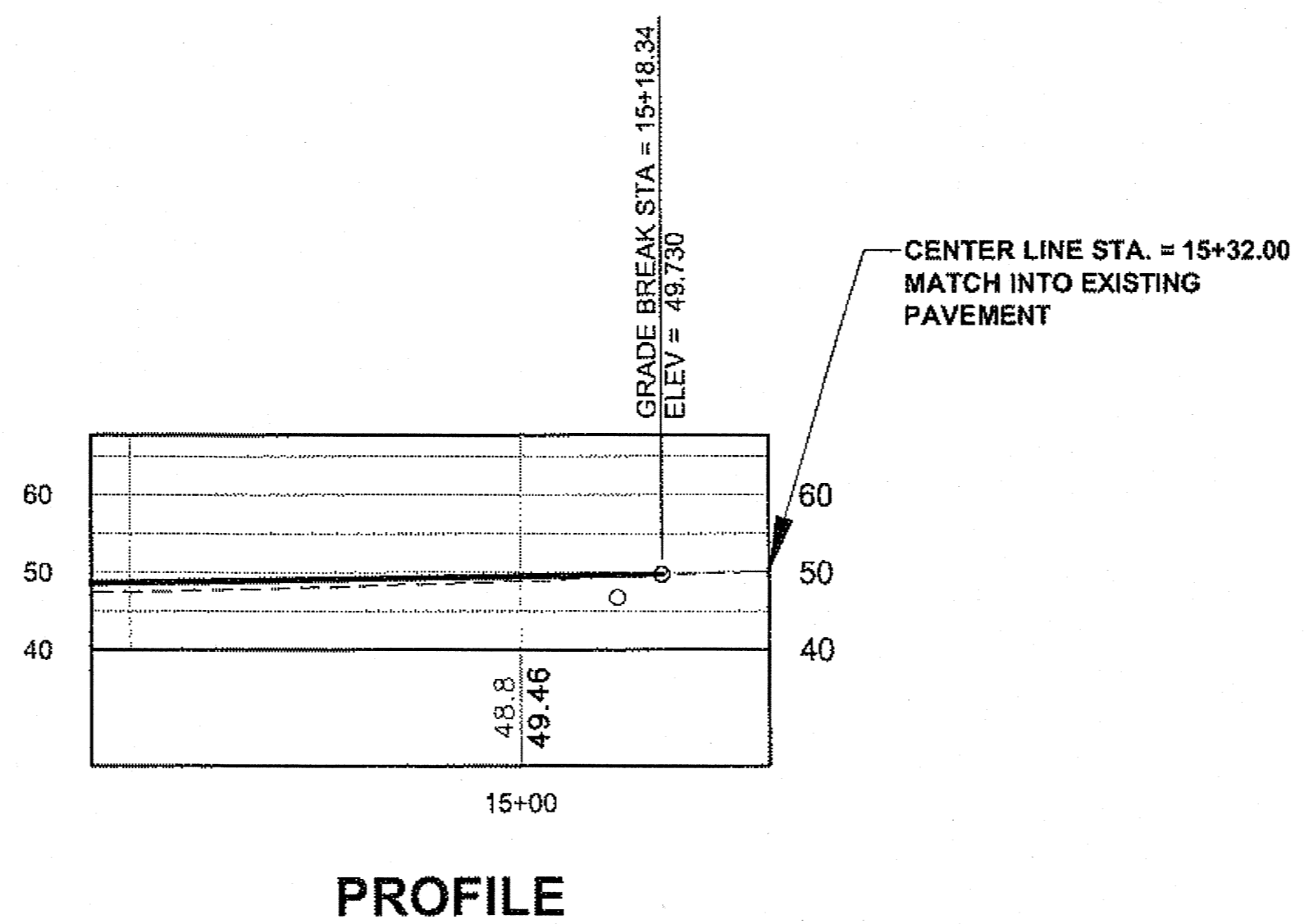
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568**

**PLAN VIEW**

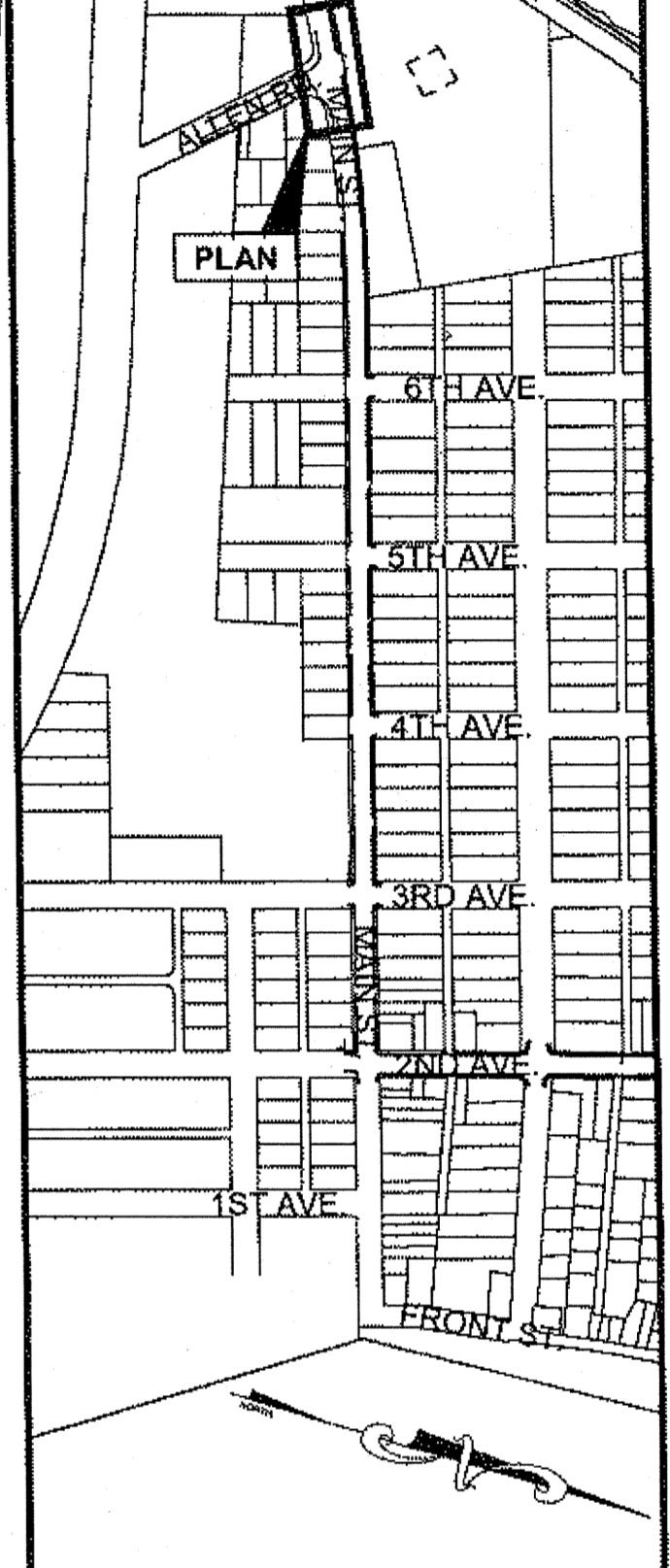
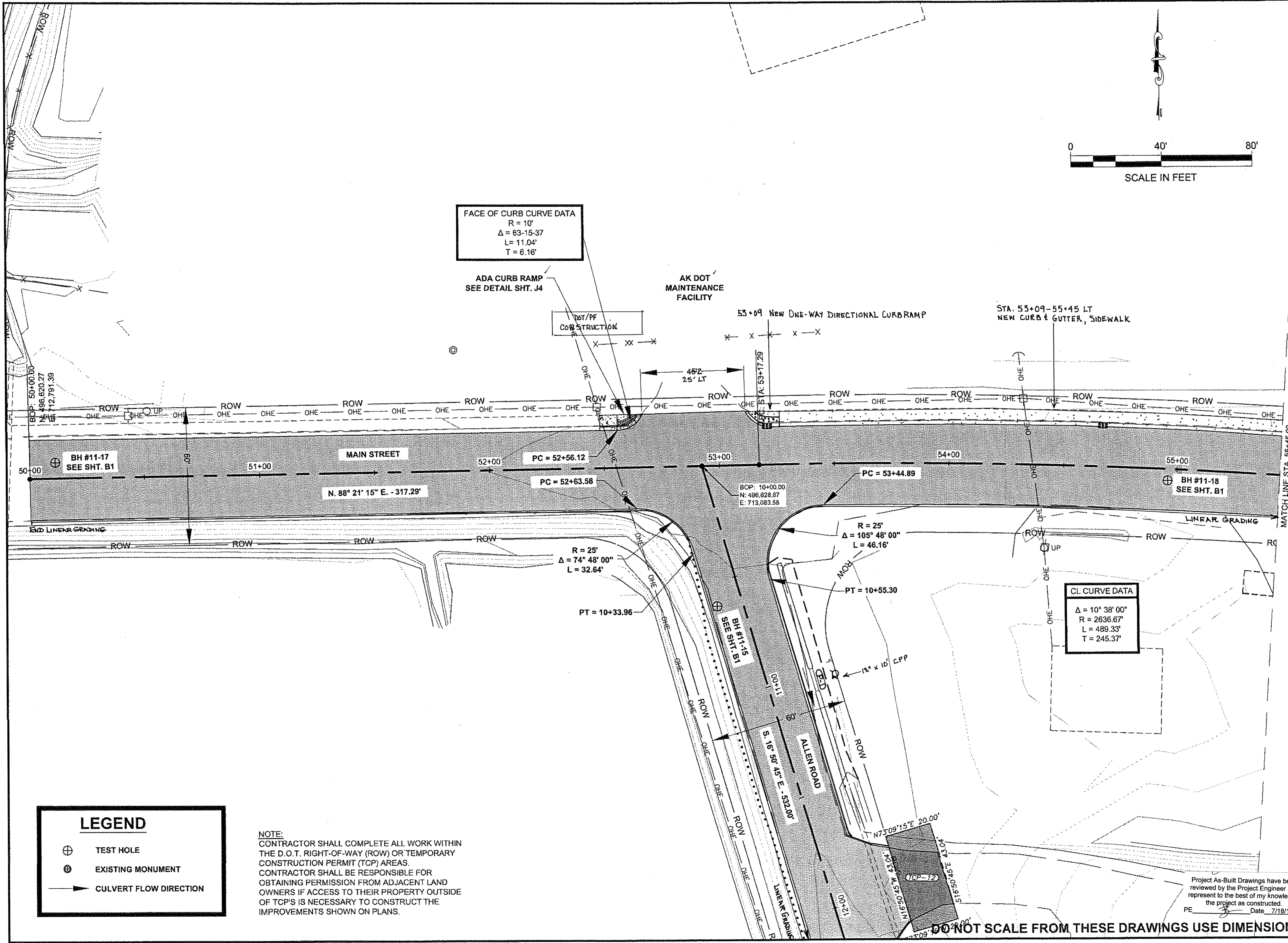
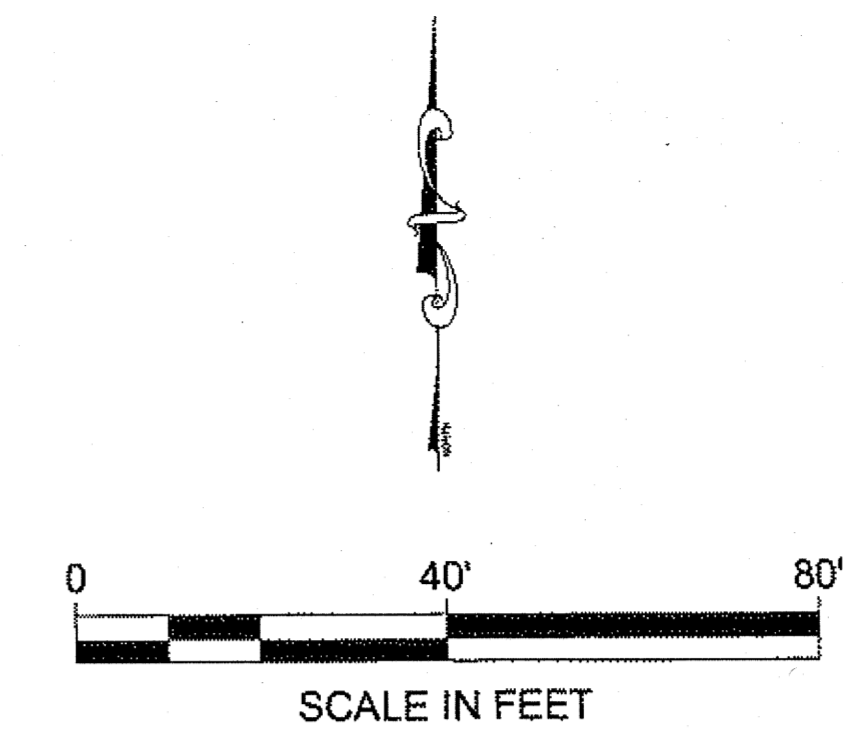
PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F2	43



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



**LEGEND**

- ⊕ TEST HOLE
- ⊙ EXISTING MONUMENT
- CULVERT FLOW DIRECTION

NOTE:  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE [Signature] Date 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN

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

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

HNS-ALLEN ROAD & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568

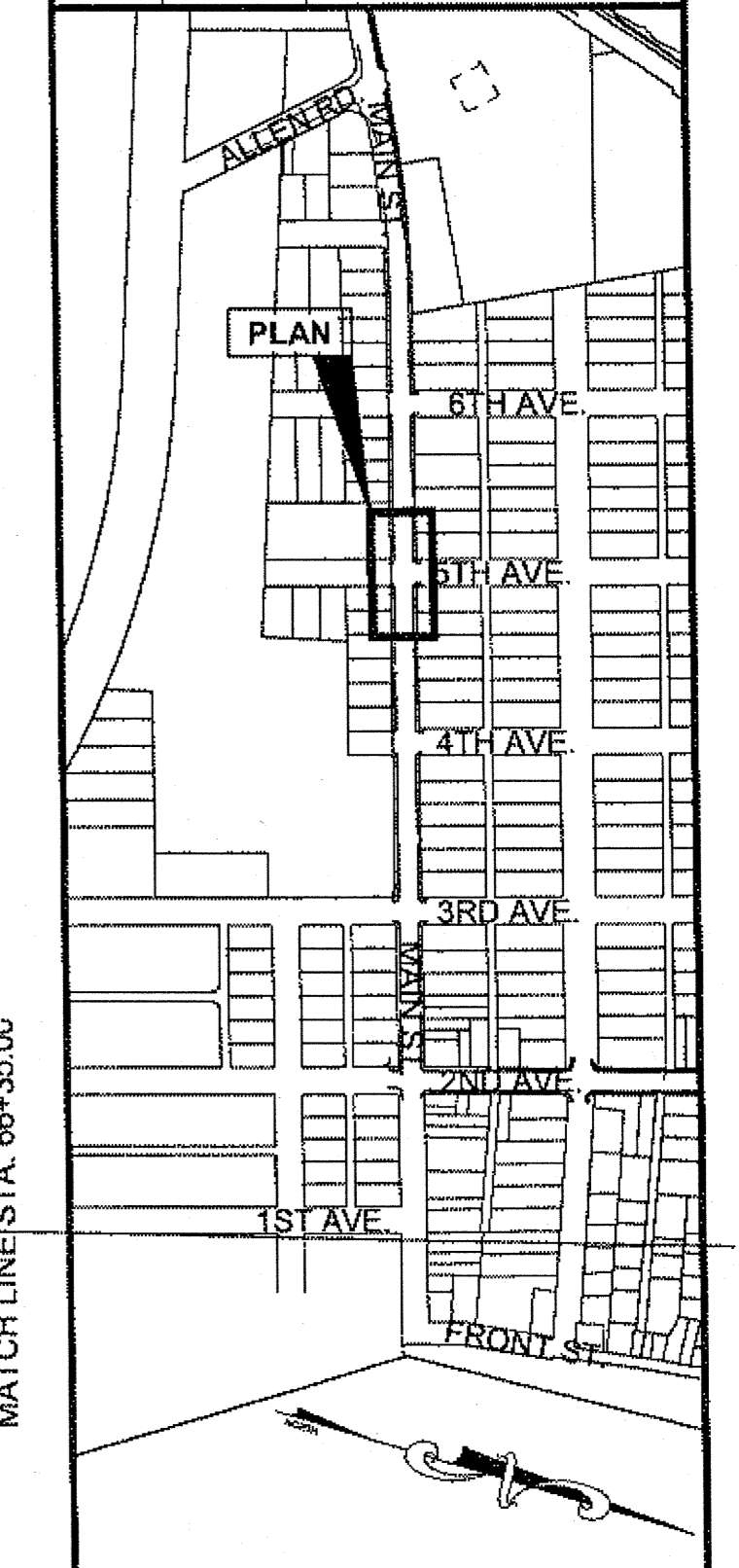
**PLAN VIEW**

PROJECT DESIGNATION	
STP-000S(753)-69568	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F3	43





RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



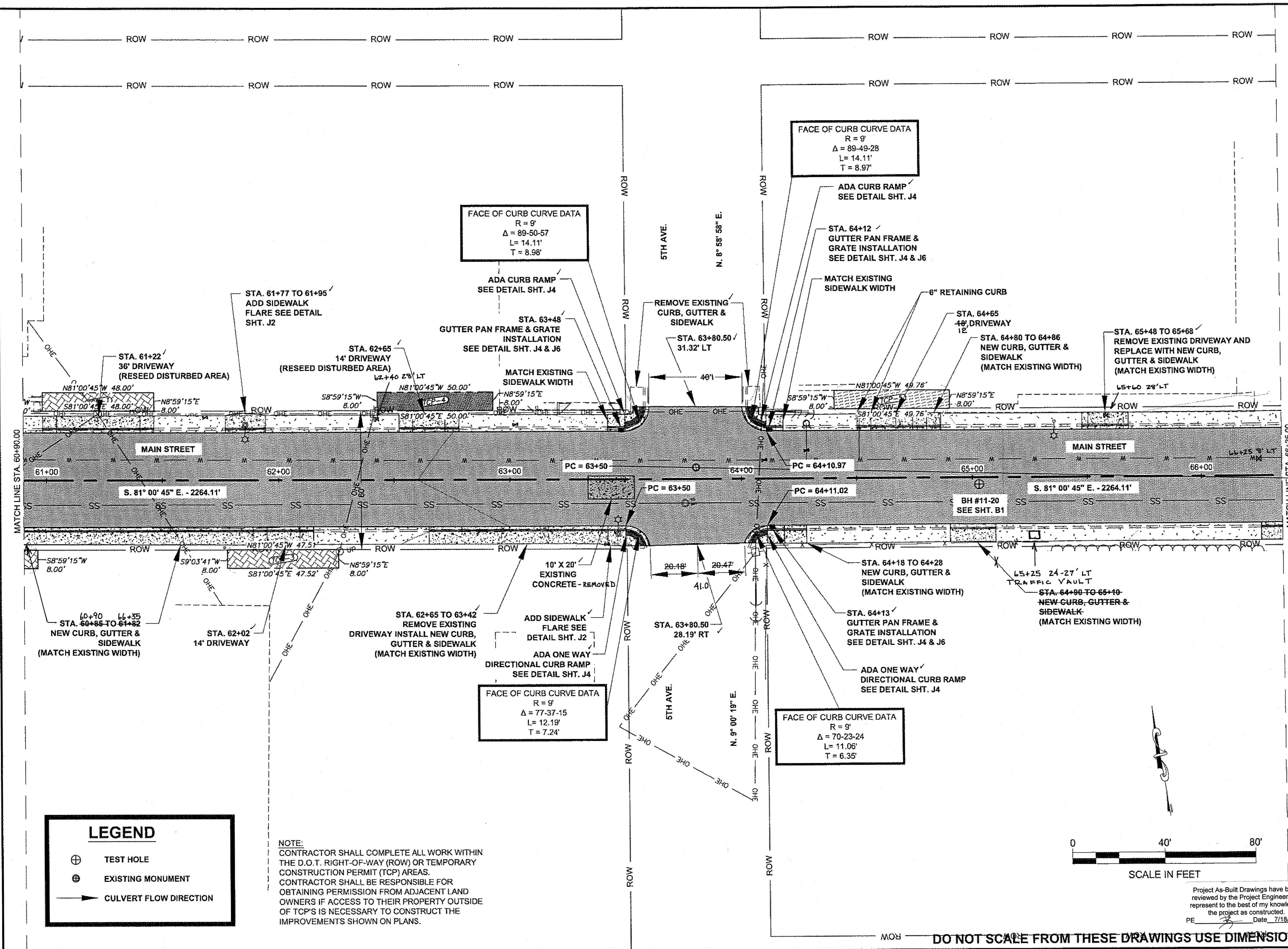
**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN  
  
 DESIGNED BY: D. RYDER & D. MULLINER  
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568

**PLAN VIEW**

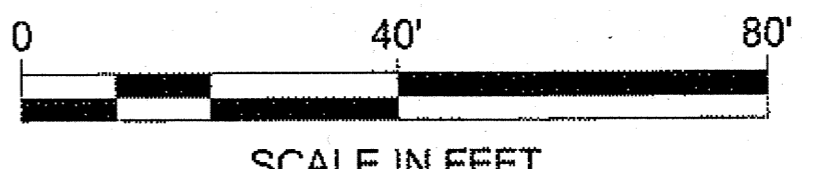
PROJECT DESIGNATION	
<b>STP-000S(753)-69568</b>	
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>F5</b>	<b>43</b>



**LEGEND**

- ⊕ TEST HOLE
- ⊗ EXISTING MONUMENT
- CULVERT FLOW DIRECTION

NOTE:  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.

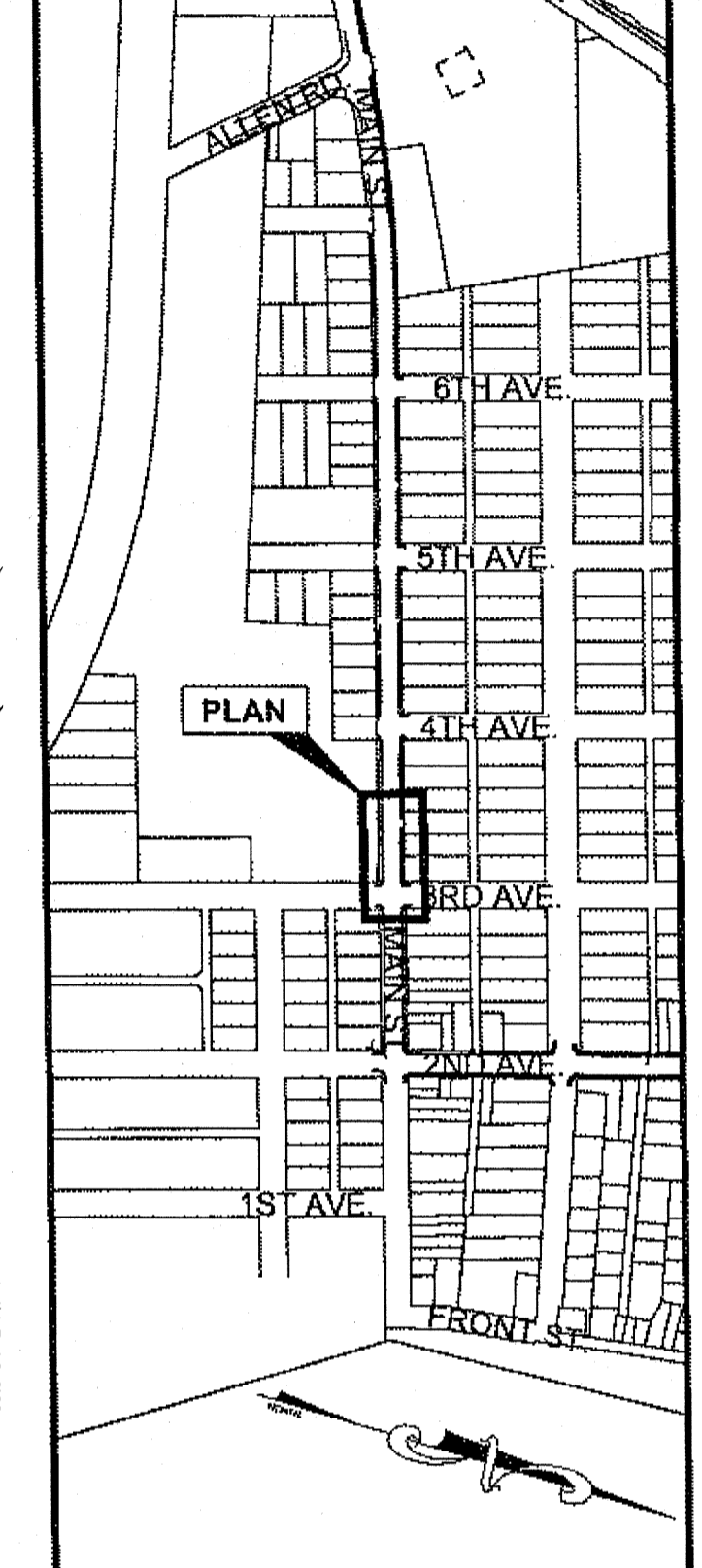


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE [Signature] Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN

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

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568**

**PLAN VIEW**

PROJECT DESIGNATION	
<b>STP-000S(753)-69568</b>	
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>F6</b>	<b>43</b>

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 90-00-49  
 L = 14.14'  
 T = 9.00'

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 89-50-09  
 L = 14.11'  
 T = 8.97'

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 89-44-01  
 L = 14.10'  
 T = 8.96'

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 89-58-30  
 L = 14.13'  
 T = 9.00'

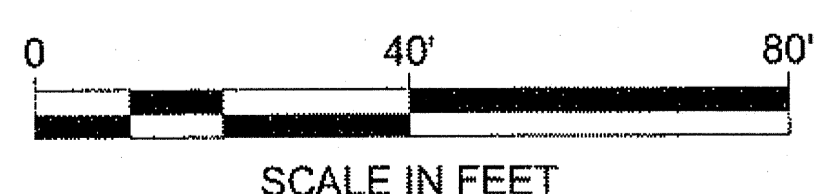
FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 69-49-35  
 L = 10.97'  
 T = 6.28'

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 84-09-00  
 L = 13.22'  
 T = 8.13'

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 90-01-42  
 L = 14.14'  
 T = 9.00'

FACE OF CURB CURVE DATA  
 R = 9'  
 Δ = 90-01-33  
 L = 14.14'  
 T = 9.00'

NOTE:  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.

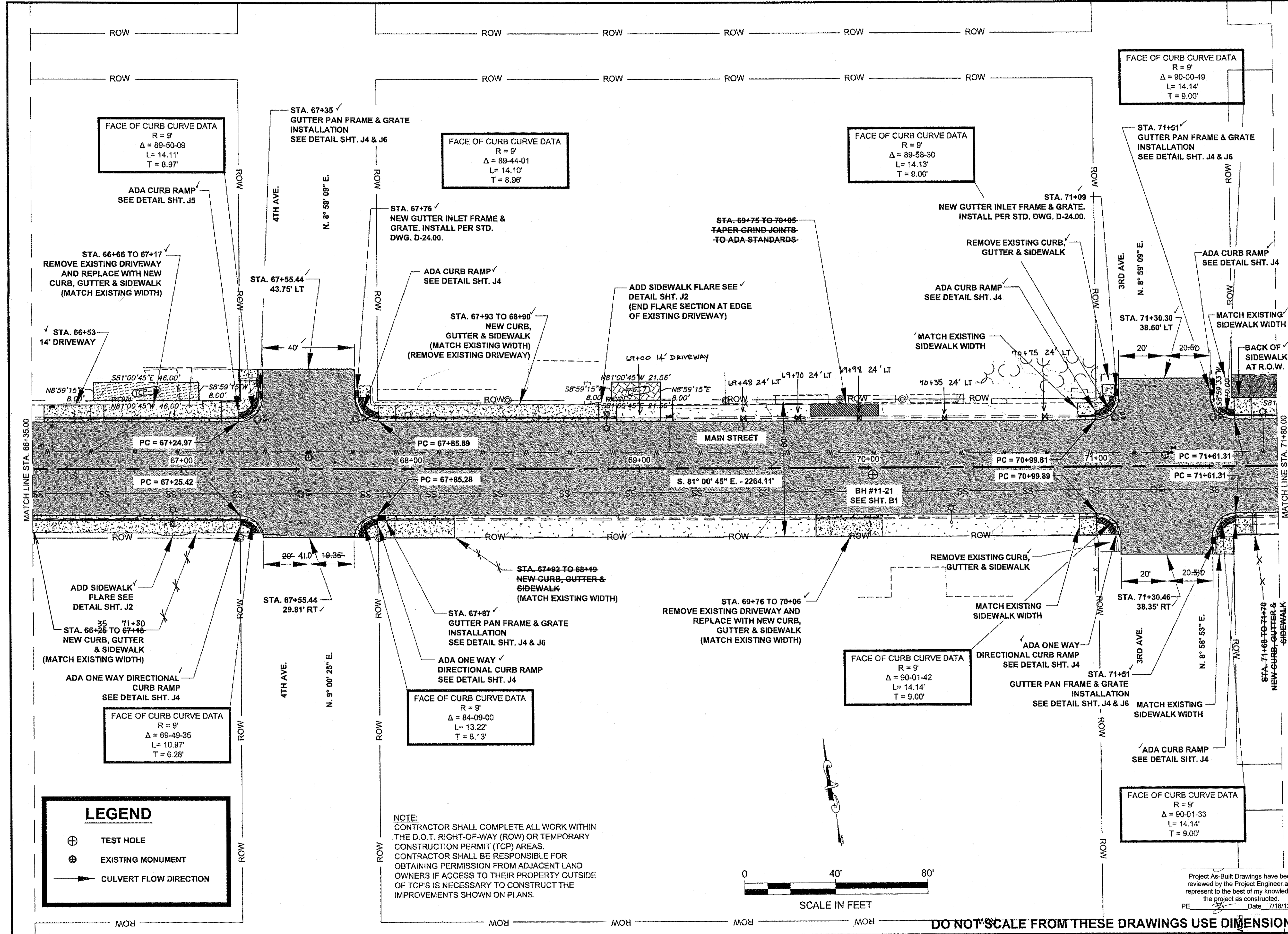


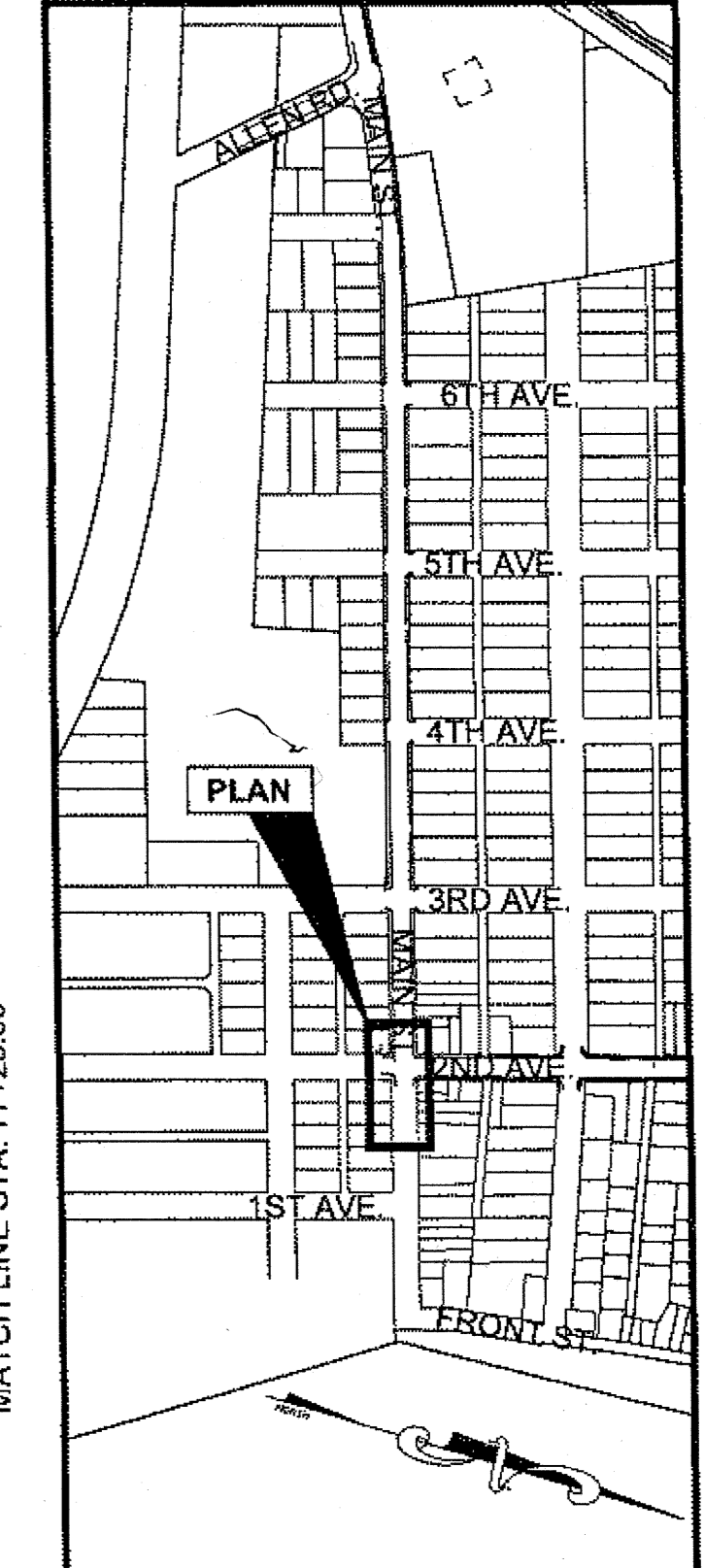
**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE Date: 7/18/13

**LEGEND**

- ⊕ TEST HOLE
- ⊙ EXISTING MONUMENT
- ➔ CULVERT FLOW DIRECTION





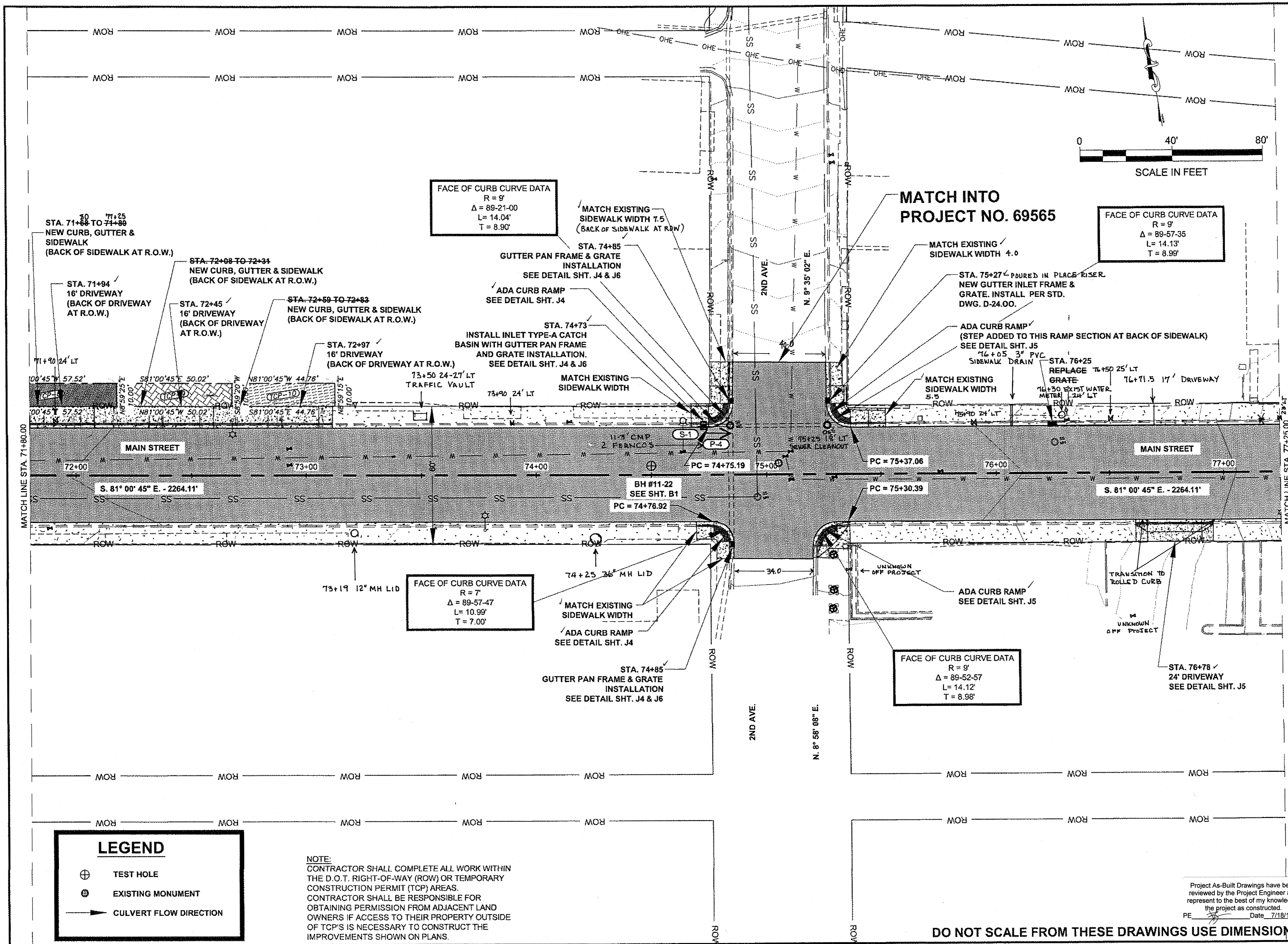
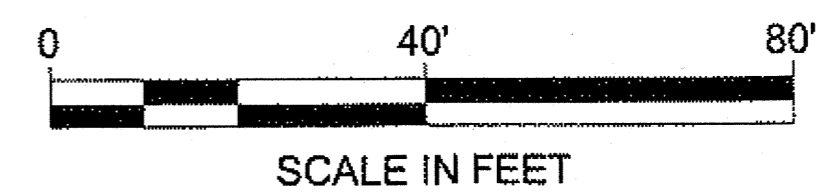
**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN  
  
 DESIGNED BY: D. RYDER & D. MULLINER  
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
 HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568

**PLAN VIEW**

PROJECT DESIGNATION	
STP-000S(753)-69568	
STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
F7	43



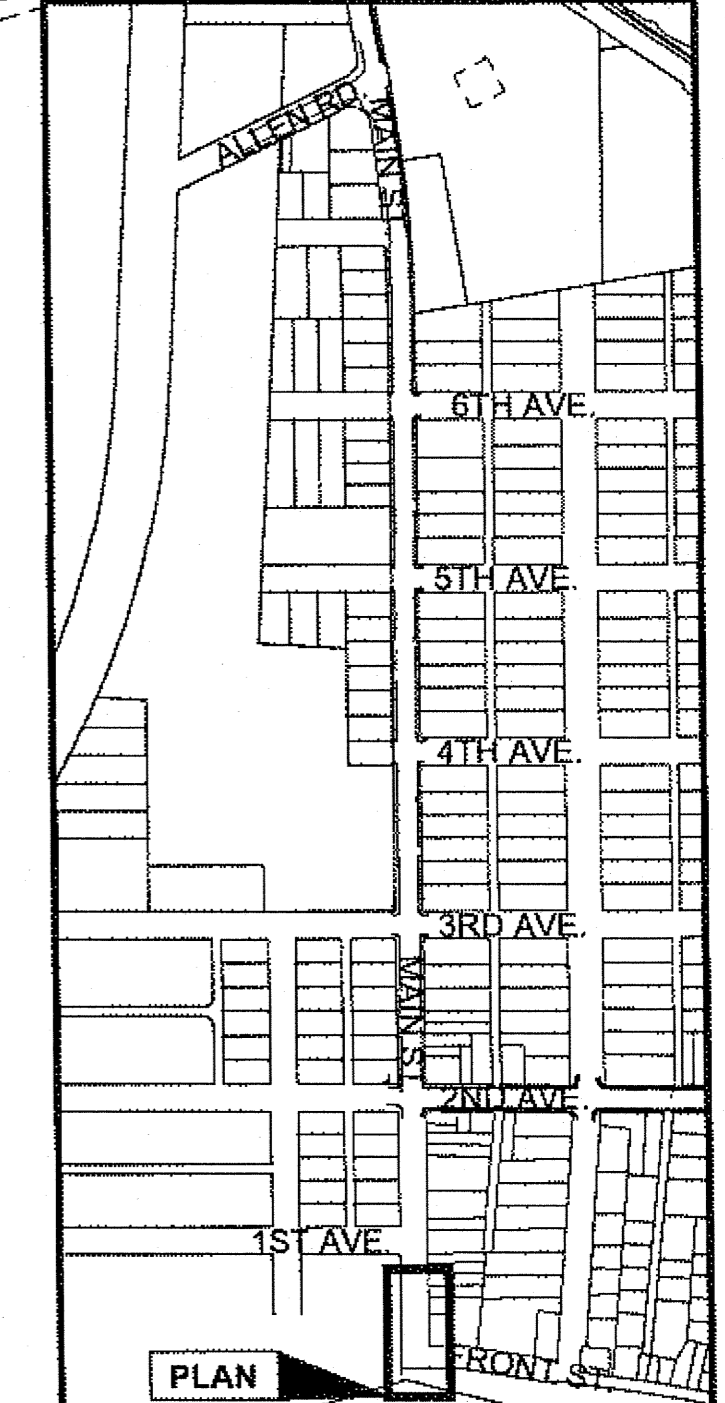
**LEGEND**

- ⊕ TEST HOLE
- ⊙ EXISTING MONUMENT
- CULVERT FLOW DIRECTION

NOTE:  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE [Signature] Date 7/18/13



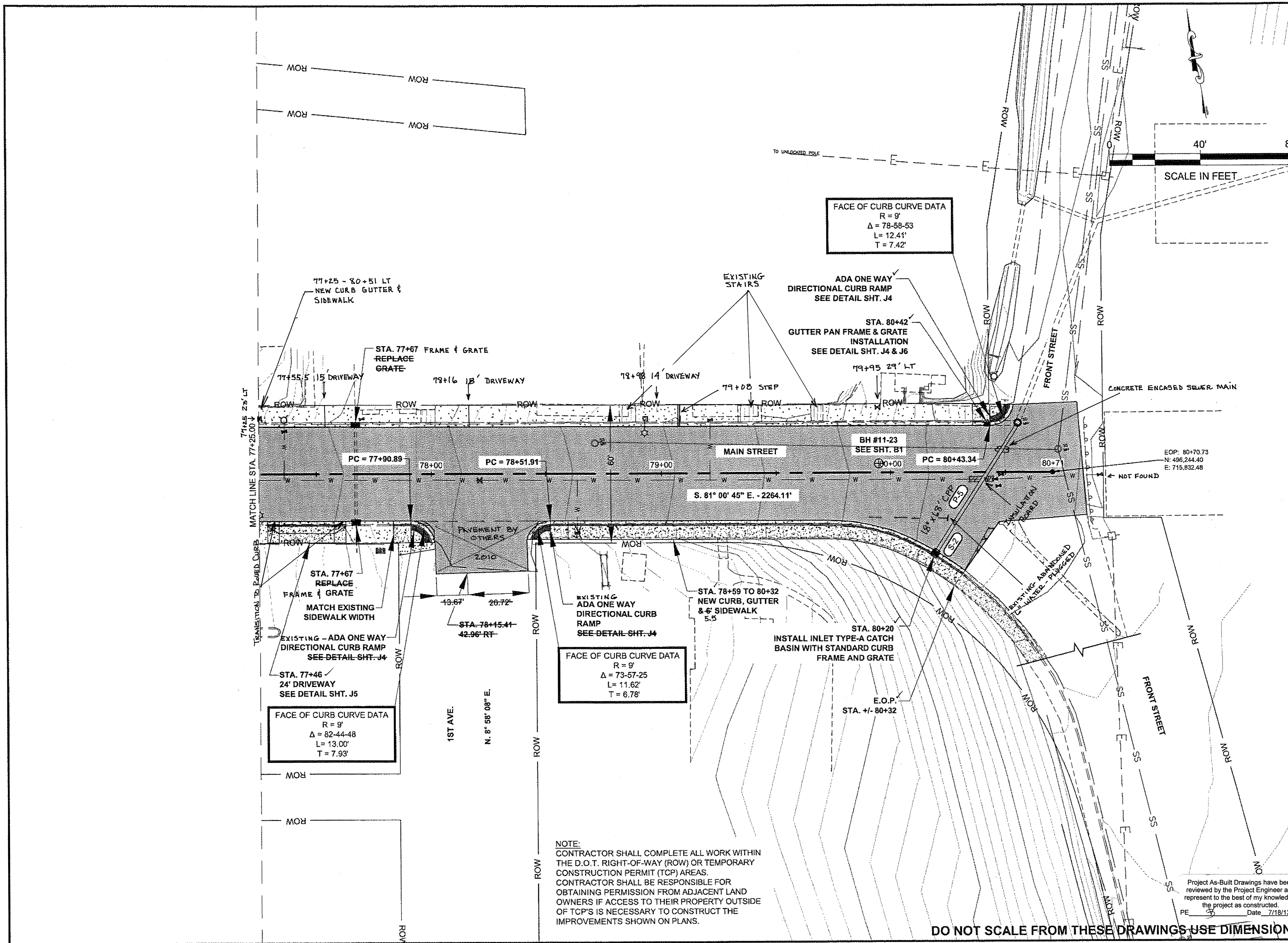
**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN  
  
 DESIGNED BY: D. RYDER & D. MULLINER  
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 PROJECT #69568**

**PLAN VIEW**

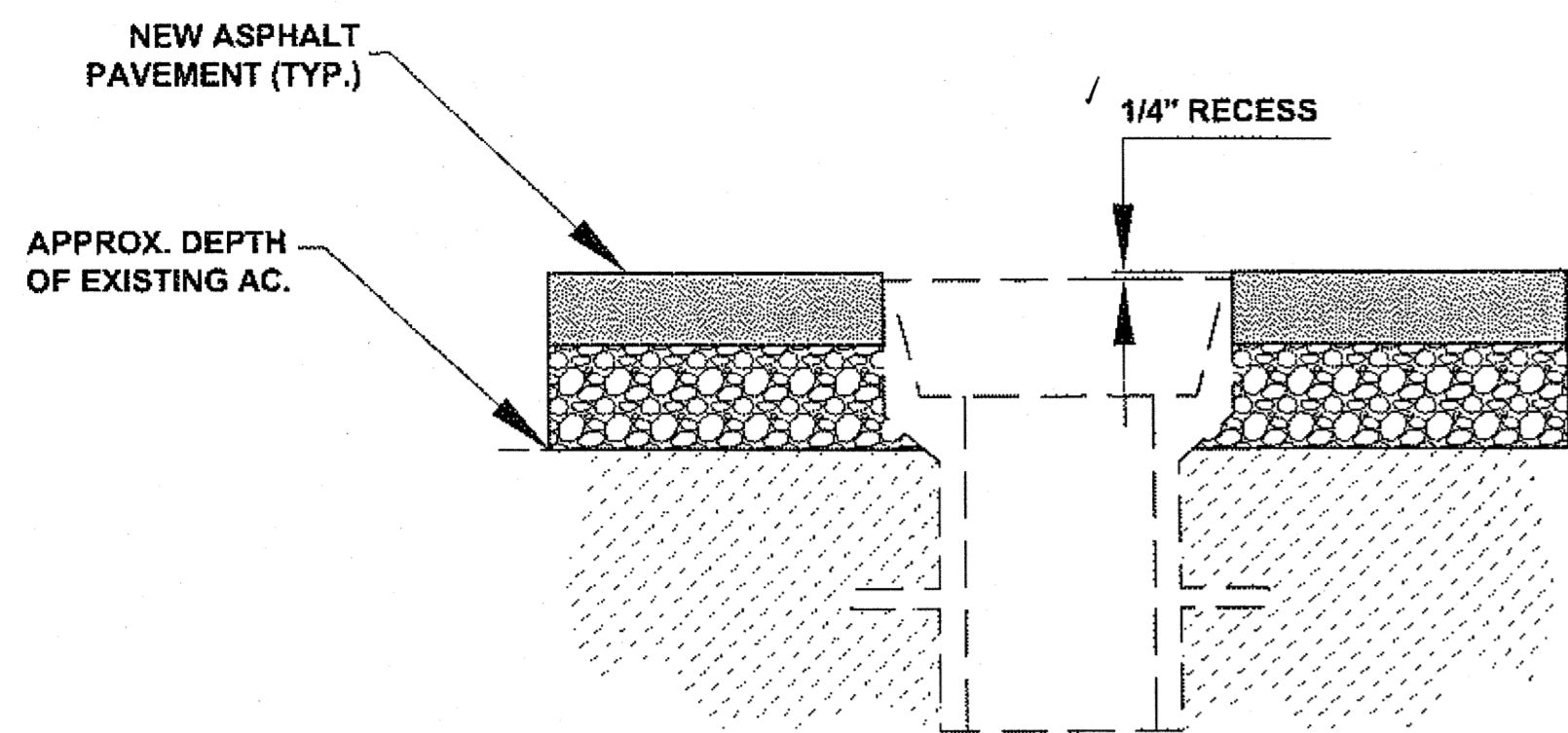
PROJECT DESIGNATION	
<b>STP-000S(753)-69568</b>	
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>F8</b>	<b>43</b>



**NOTE:**  
 CONTRACTOR SHALL COMPLETE ALL WORK WITHIN THE D.O.T. RIGHT-OF-WAY (ROW) OR TEMPORARY CONSTRUCTION PERMIT (TCP) AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMISSION FROM ADJACENT LAND OWNERS IF ACCESS TO THEIR PROPERTY OUTSIDE OF TCP'S IS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON PLANS.

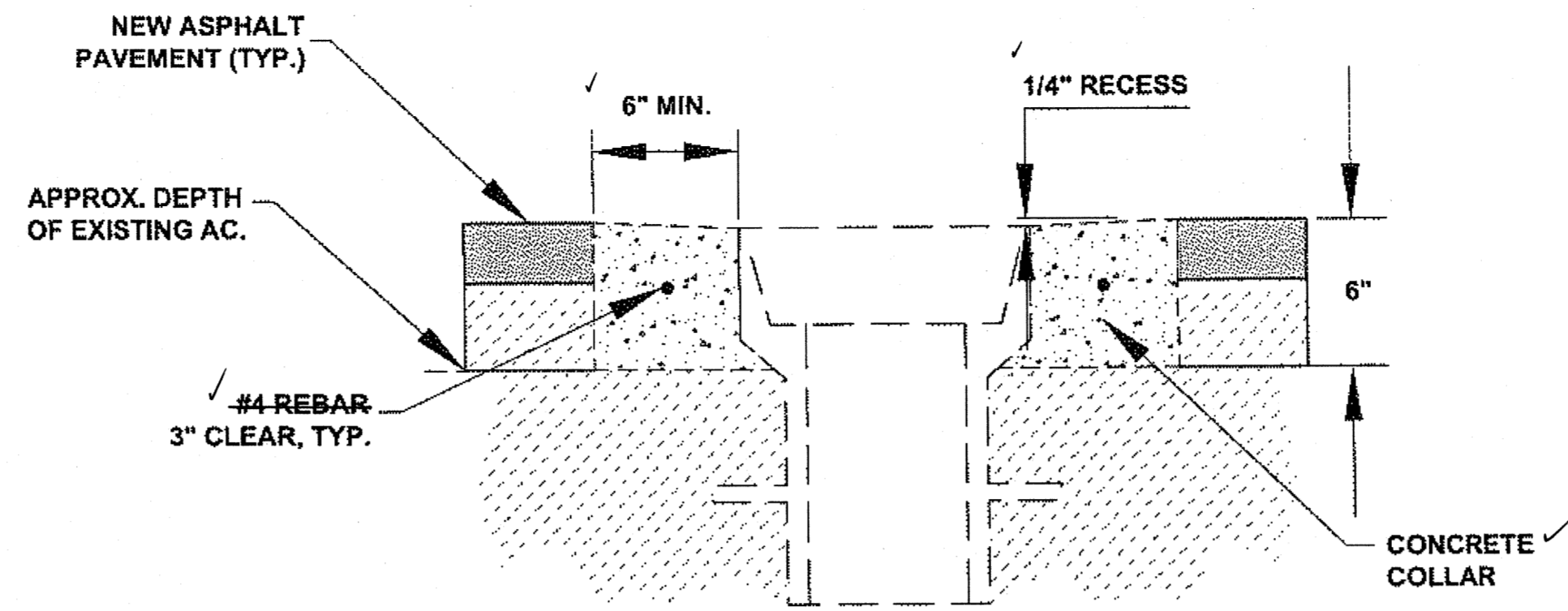
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE [Signature] Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



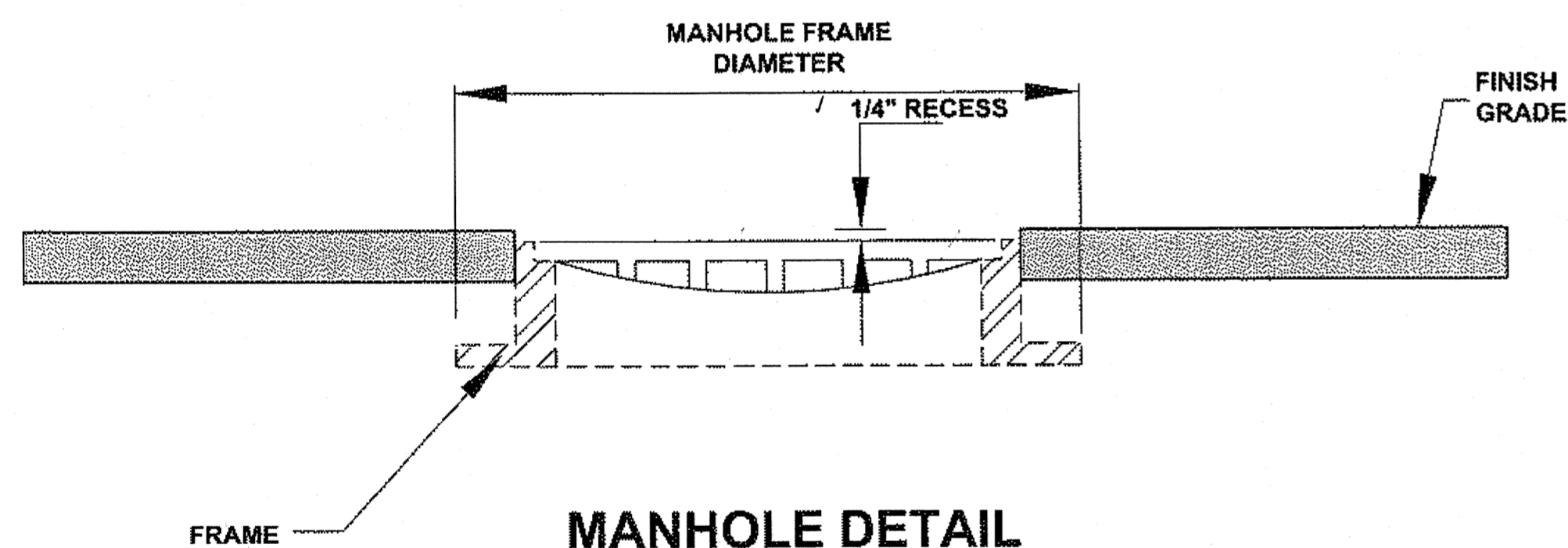
**VALVE BOX ADJUSTMENT DETAIL**

N.T.S.



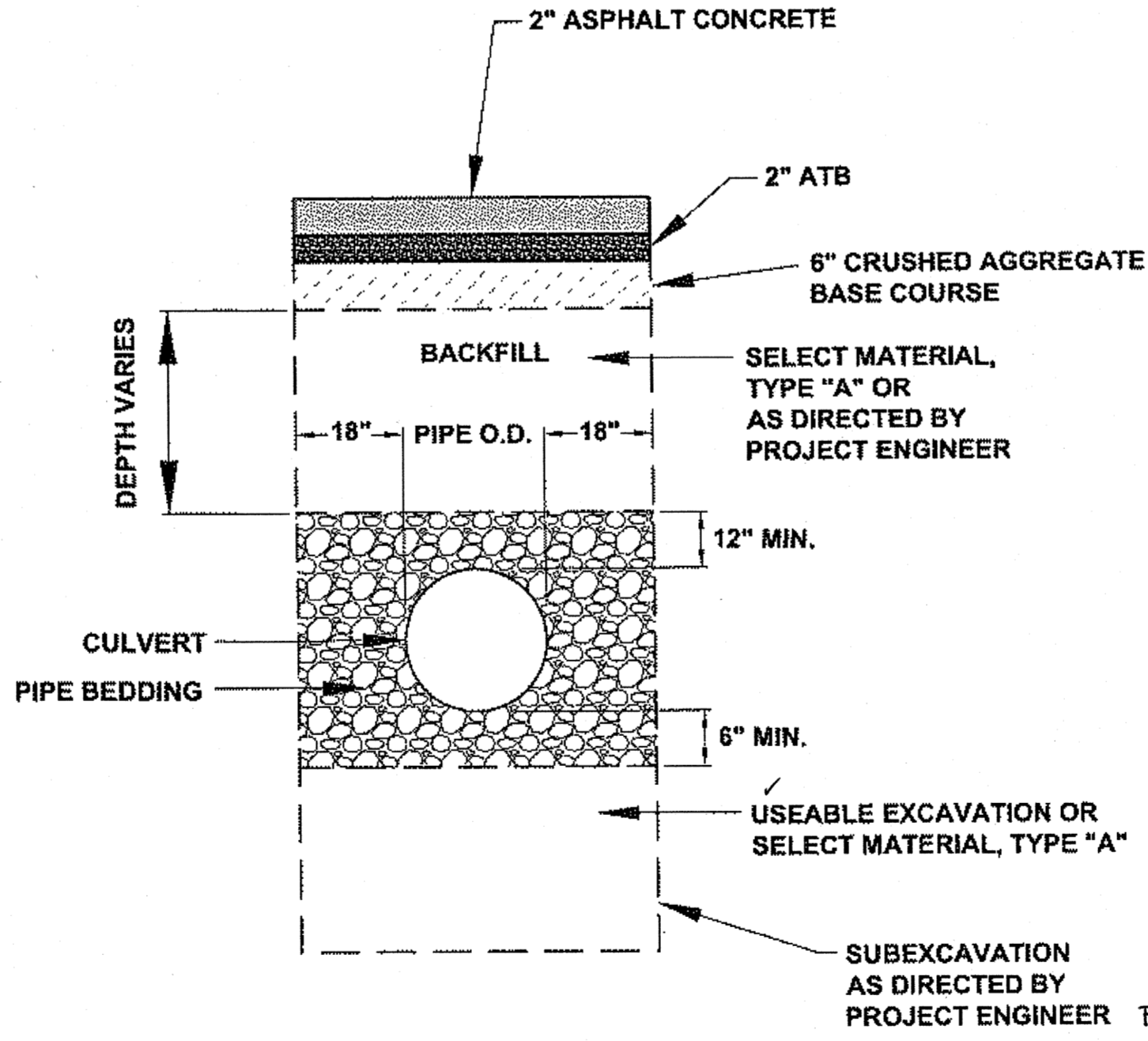
**MONUMENT CASE ADJUSTMENT DETAIL**

N.T.S.



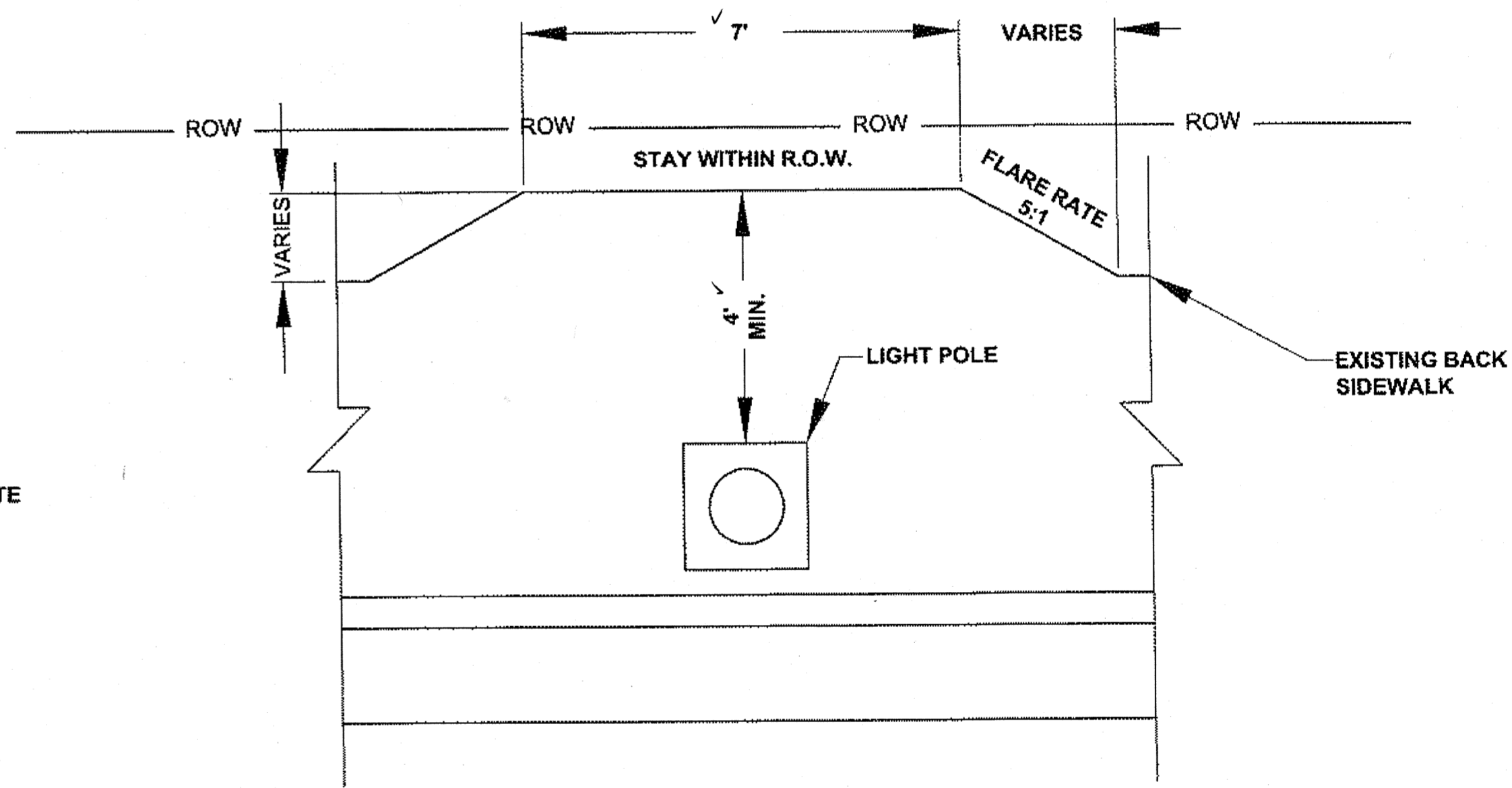
**MANHOLE DETAIL**

N.T.S.



**TYPICAL CULVERT BEDDING/BACKFILL SECTION**

N.T.S.



**SIDEWALK FLARE SECTION DETAIL**

N.T.S.

**MANHOLE ADJUSTMENT NOTES:**

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

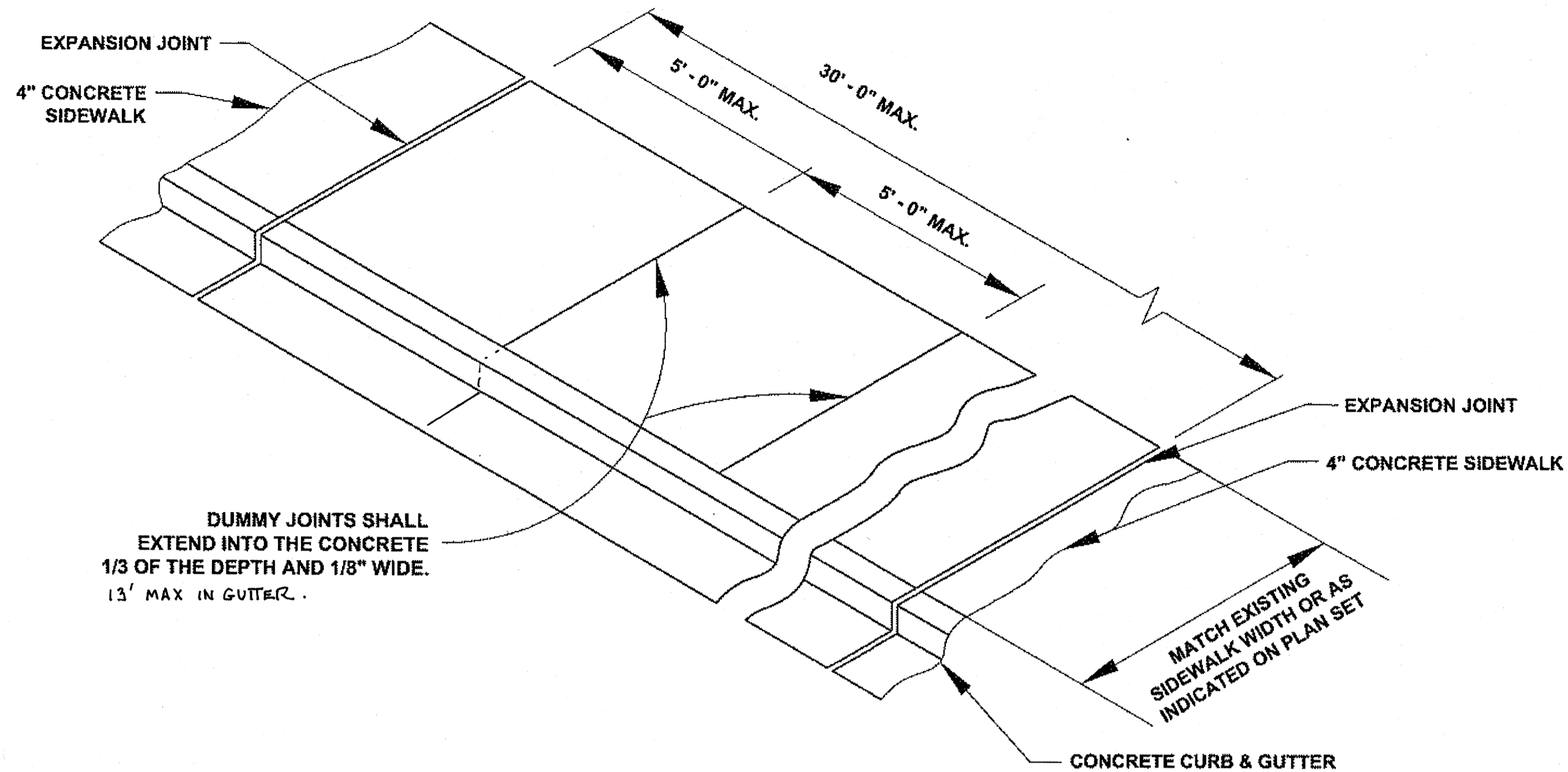
**GENERAL NOTES:**

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

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 7/18/13

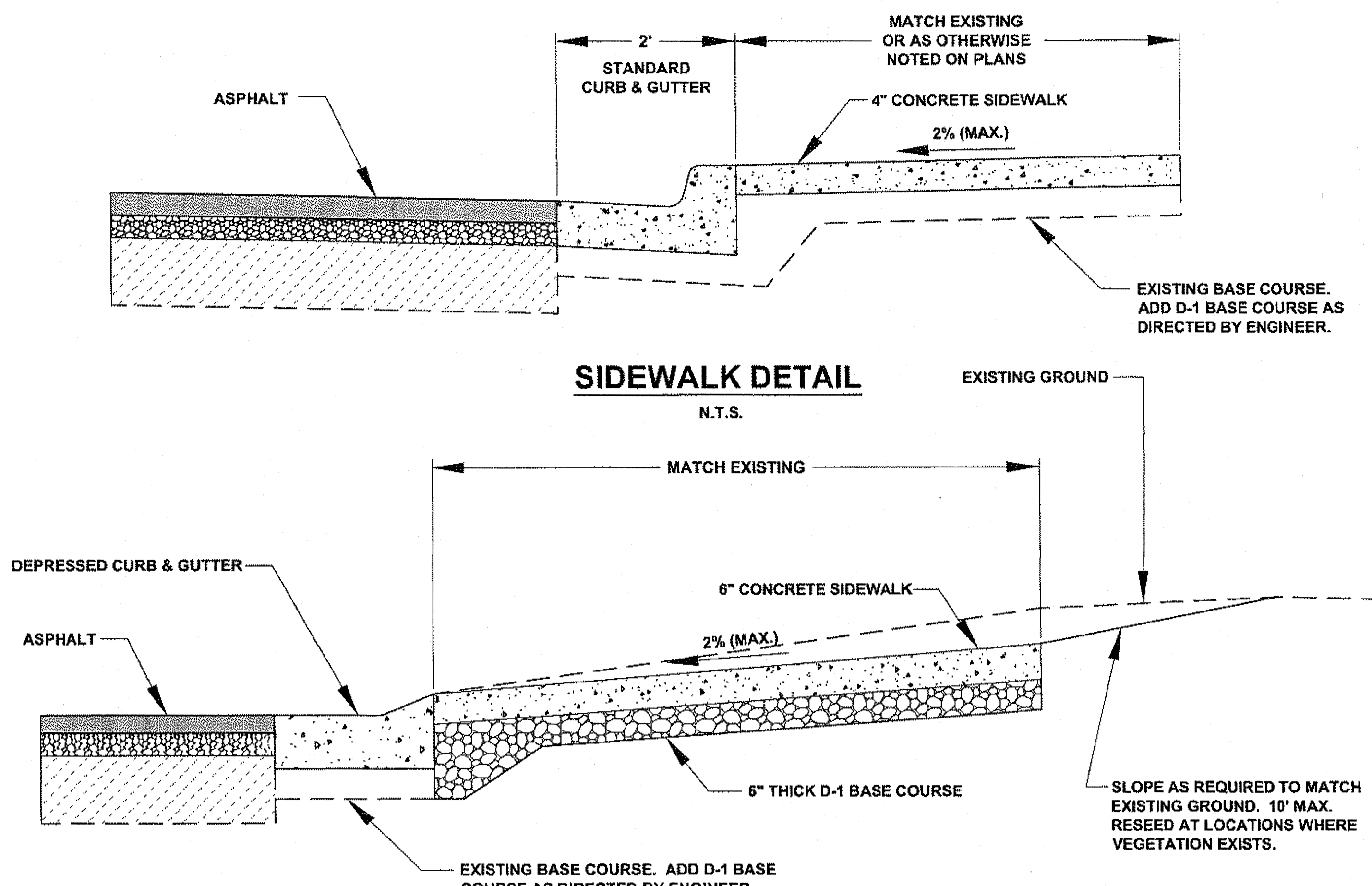
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568
DRAWN BY: D. MULLINER	<b>MISC. DETAILS</b>
PATH: Q:\HNS\69568\BENDDOUG'S PLANSET\DOUG'S_J1 - J6 MISC DETAILS.DWG	YEAR: 2011
TAB: J1 Tuesday, August 16, 2011 10:53:17 AM MULLINER, DOUGLAS J (DOT)	SHEET NO.: J1
REVISIONS	TOTAL SHEETS: 43
PROJECT DESIGNATION: STP-000S(753)-69568	



**TYPICAL SIDEWALK, CURB & GUTTER DETAIL**

N.T.S.

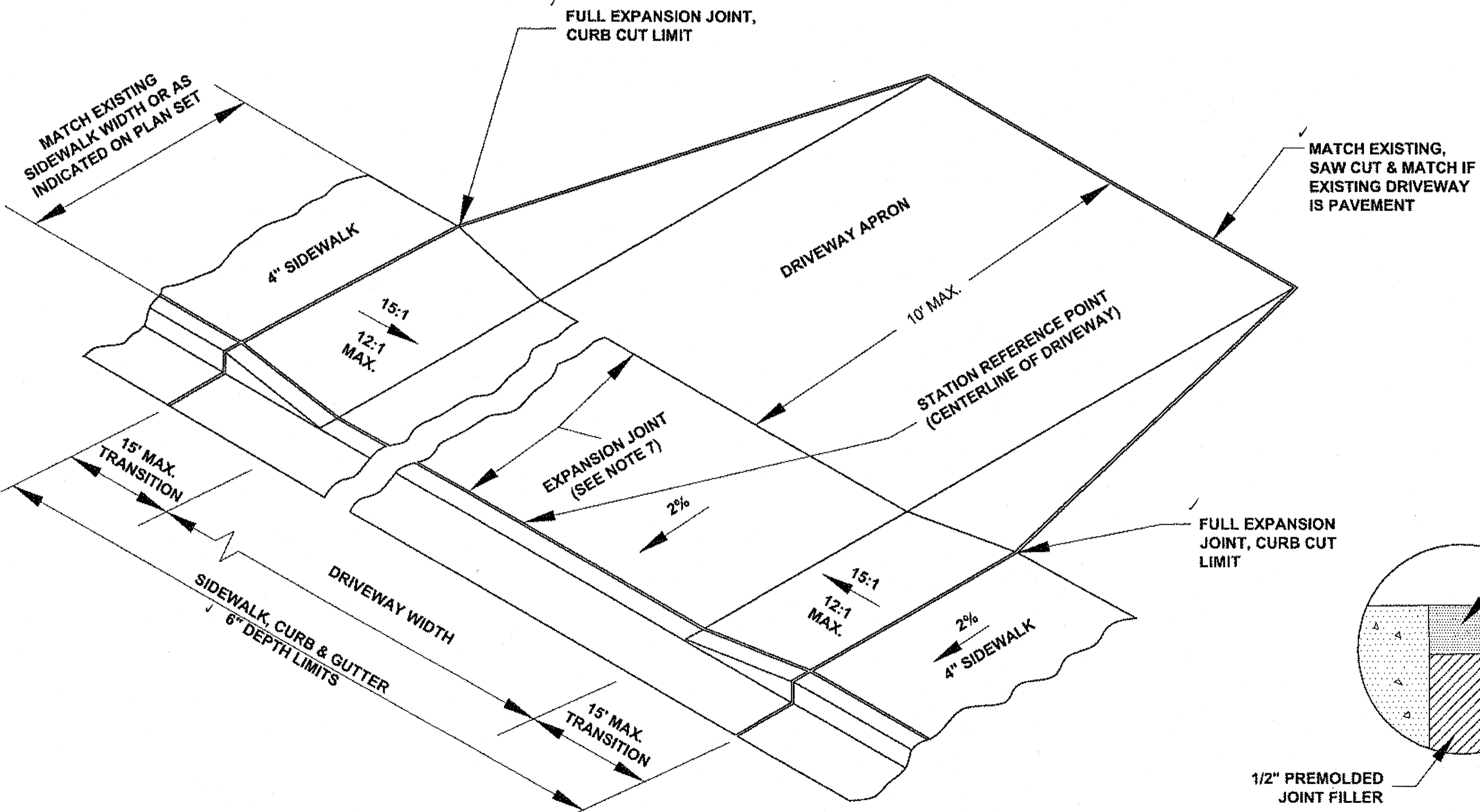


**SIDEWALK DETAIL**

N.T.S.

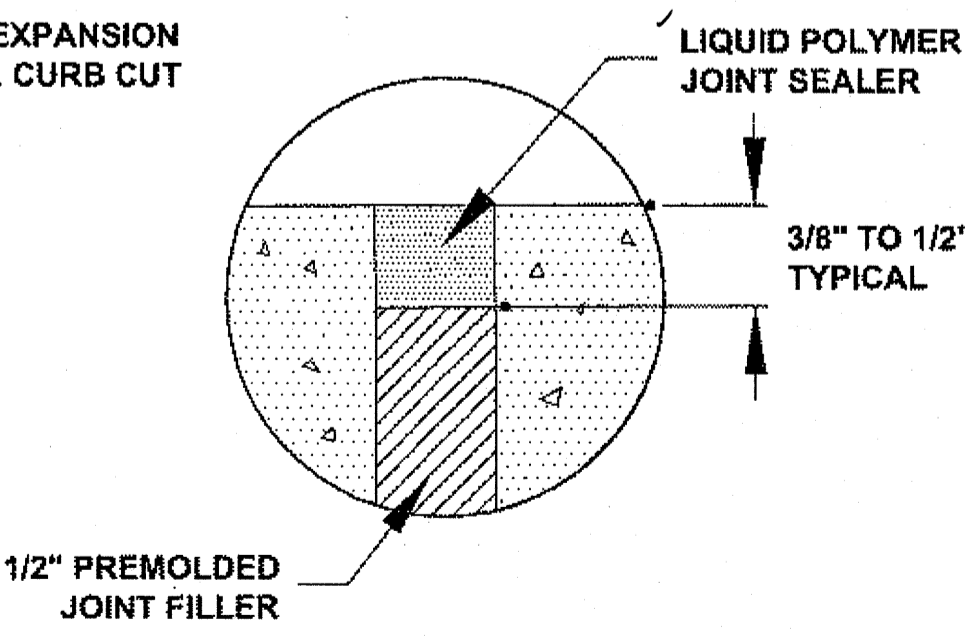
**DRIVEWAY DETAIL**

N.T.S.



**DRIVEWAY RAMP DETAIL**

N.T.S.



**EXPANSION JOINT DETAIL**

N.T.S.

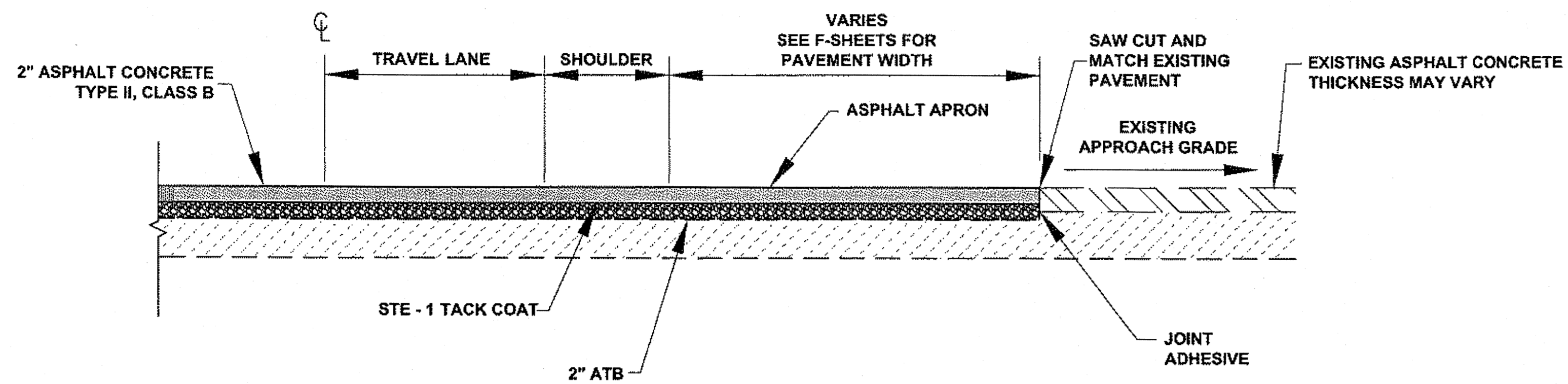
**SIDEWALK, CURB & GUTTER NOTES**

1. CONCRETE SIDEWALKS, CURB & GUTTER EXPANSION JOINTS SHALL BE PLACED IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB AND SIDEWALK CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
2. CONCRETE SIDEWALKS DUMMY JOINTS SHALL EXTEND INTO CONCRETE 1/3 THE DEPTH AND 1/8" WIDE AT 5' MAXIMUM INTERVALS BETWEEN EXPANSION JOINTS.
3. ALL JOINTS AND SEAMS SHALL BE EDGED.
4. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
5. CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
6. CURB AND GUTTER CONSTRUCTION SHALL MAINTAIN EXISTING FLOW LINE.
7. EXPANSION JOINT REQUIRED BETWEEN SIDEWALK AND DRIVEWAY, AND BETWEEN SIDEWALK AND CURB.
8. ALL CONCRETE WITHIN THE CURB CUT LIMITS FOR DRIVEWAYS SHALL BE 6" THICK AND SHALL BE POURED ON A 6" D-1, OR R.A.M. BASE COURSE COMPACTED TO 95% OF ITS MAXIMUM DENSITY.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

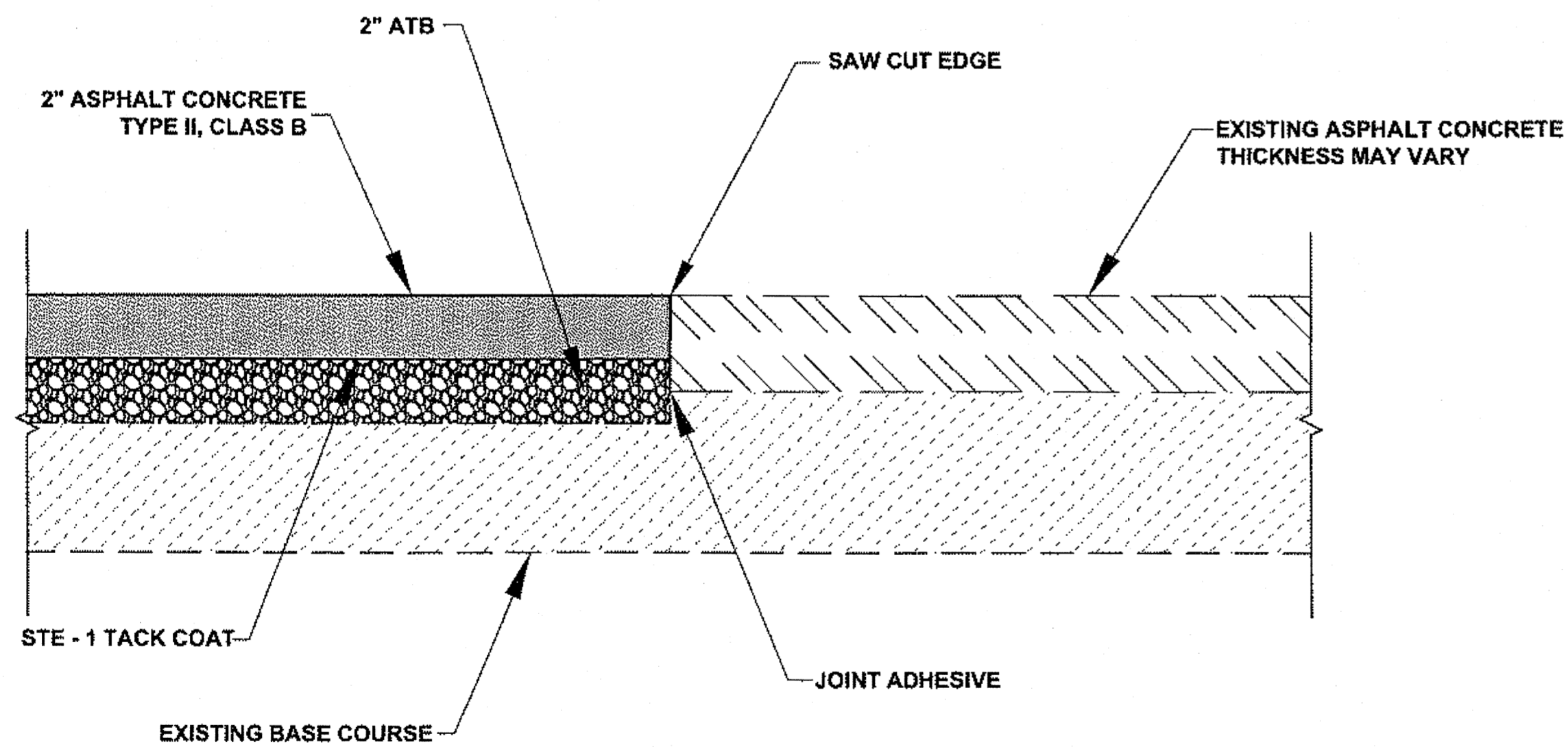
CHECKED BY: K. KARPSTEIN		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. MULLINER		HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568	
DRAWN BY: D. MULLINER		<b>MISC. DETAILS</b>	
PATH: Q:\HNS\69568\BENDDOUG'S PLANSET\DOUG'S _J1 - J8 MISC DETAILS.DWG		PROJECT DESIGNATION	YEAR
TAB: J2 Tuesday, August 16, 2011 10:53:27 AM		STP-000S(753)-69568	2011
REVISIONS		NO.	DATE
DESCRIPTION		SHEET NO.	TOTAL SHEETS
		J2	43

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
PE Date 7/18/13



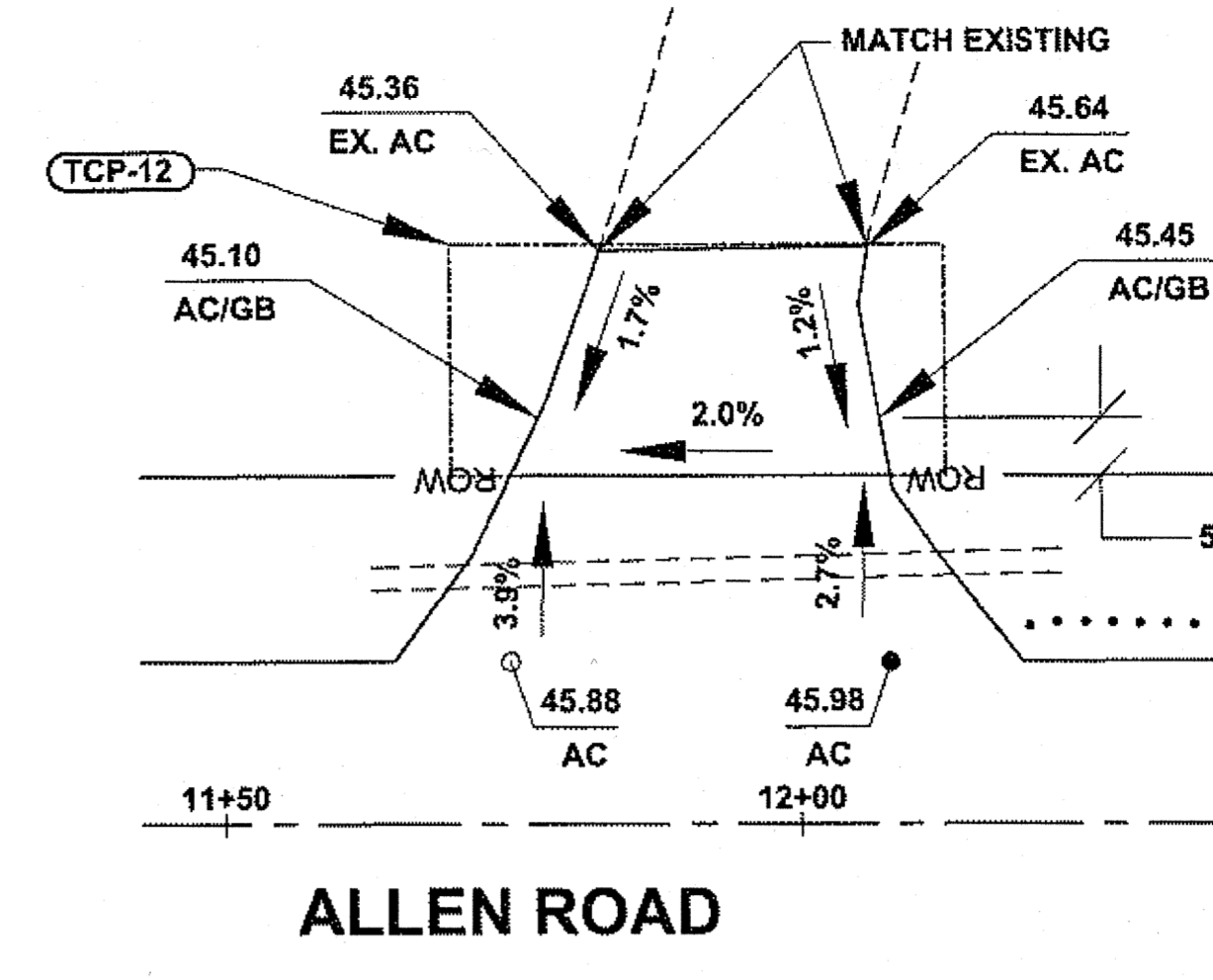
**TYPICAL STREET APPROACH PROFILE**

N.T.S.



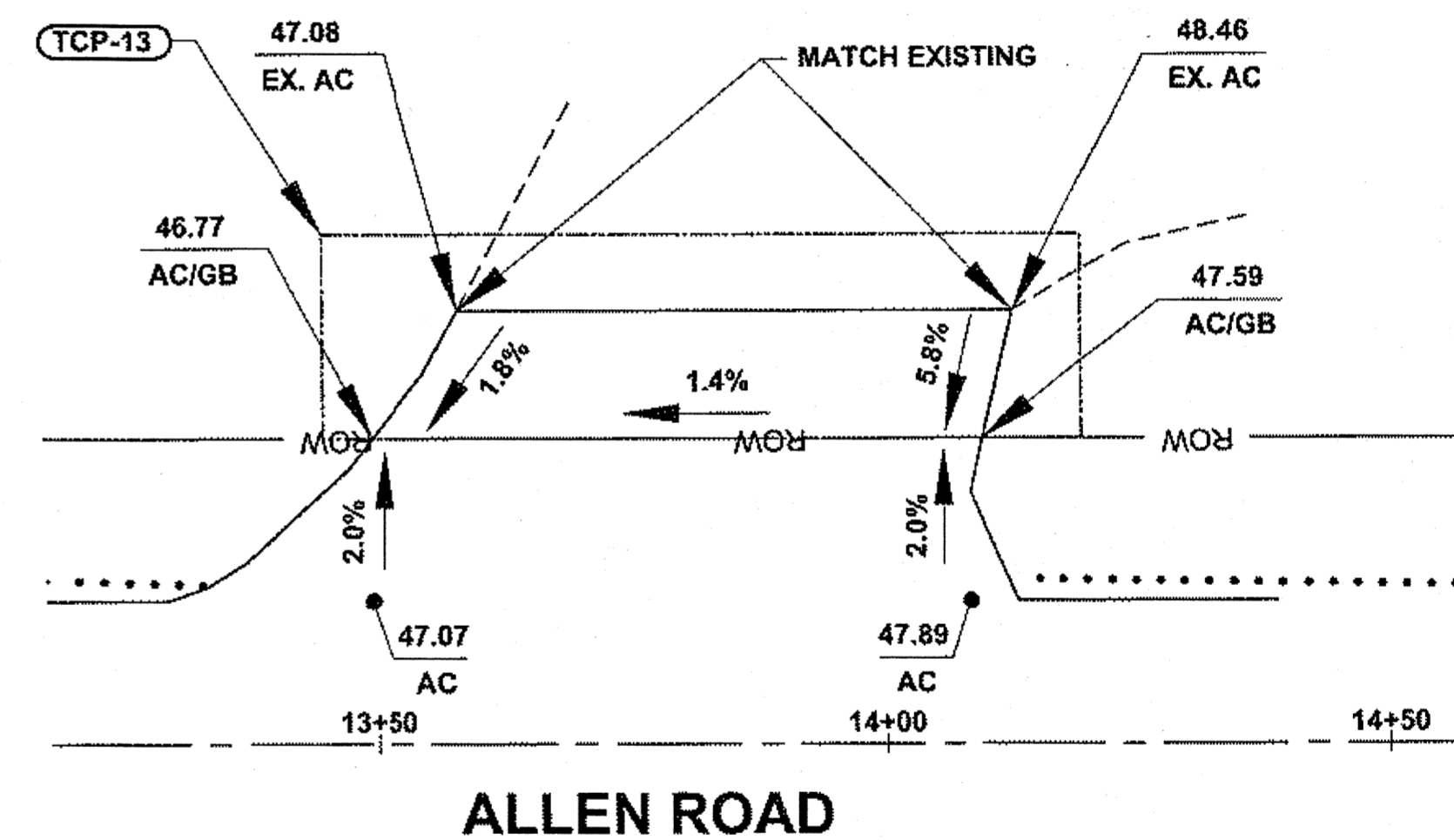
**MATCH JOINT DETAIL**

N.T.S.



**ALLEN ROAD DRIVEWAY STA. 12+00 (LT)**

N.T.S.



**ALLEN ROAD DRIVEWAY STA. 13+90 (LT)**

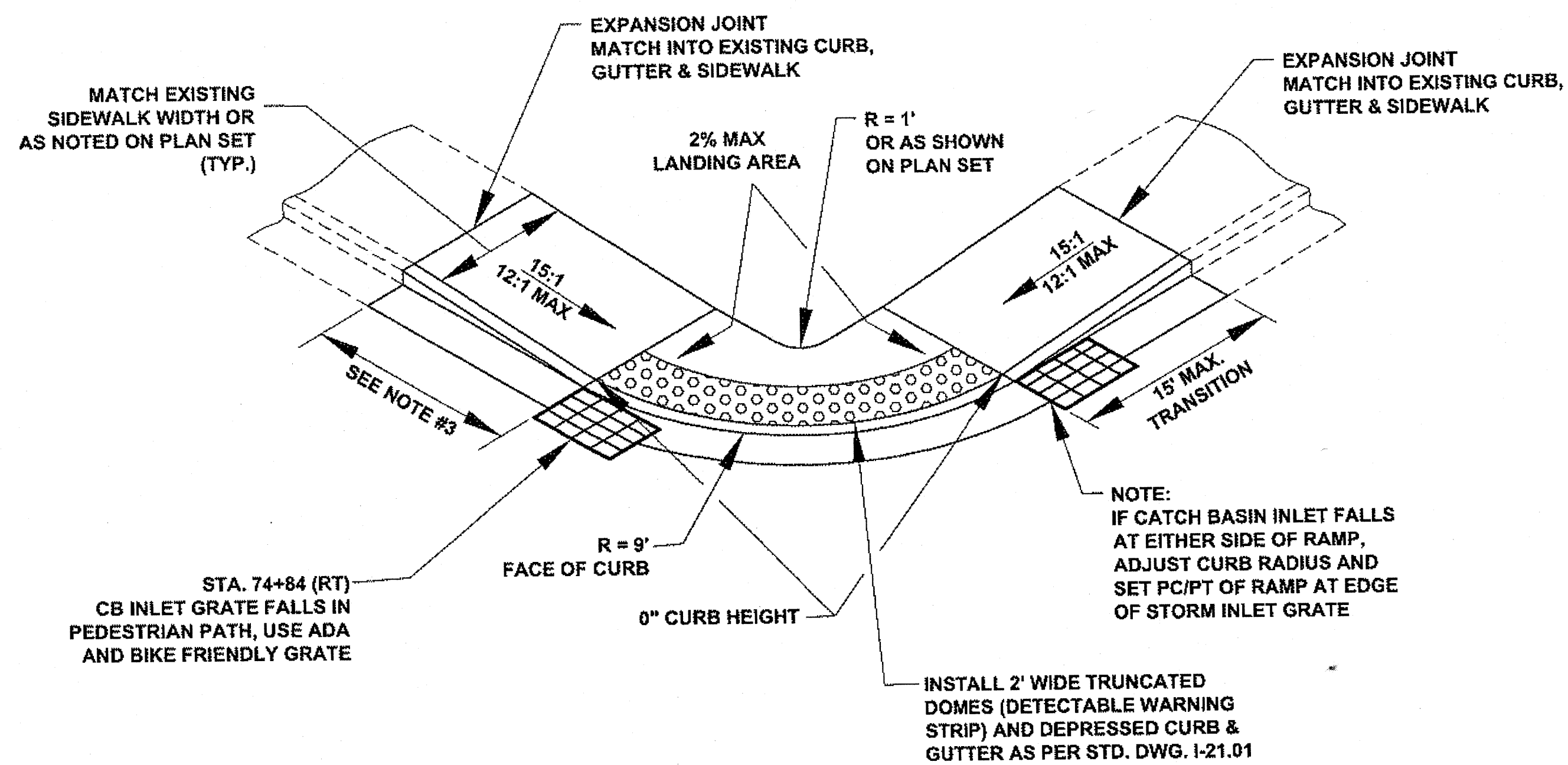
N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION			
	HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568			
DESIGNED BY: D. MULLINER	<b>MISC. DETAILS</b>			
DRAWN BY: D. MULLINER				
PATH: Q:\HNS\69568\ENDOUIG'S PLANSET\DOUG'S _J1 - J6 MISC DETAILS.DWG				
TAB: J3 Tuesday, August 16, 2011 10:53:35 AM MULLINER, DOUGLAS J. (DOT)				
REVISIONS	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO. DATE DESCRIPTION	STP-000S(753)-69568	2011	J3	43

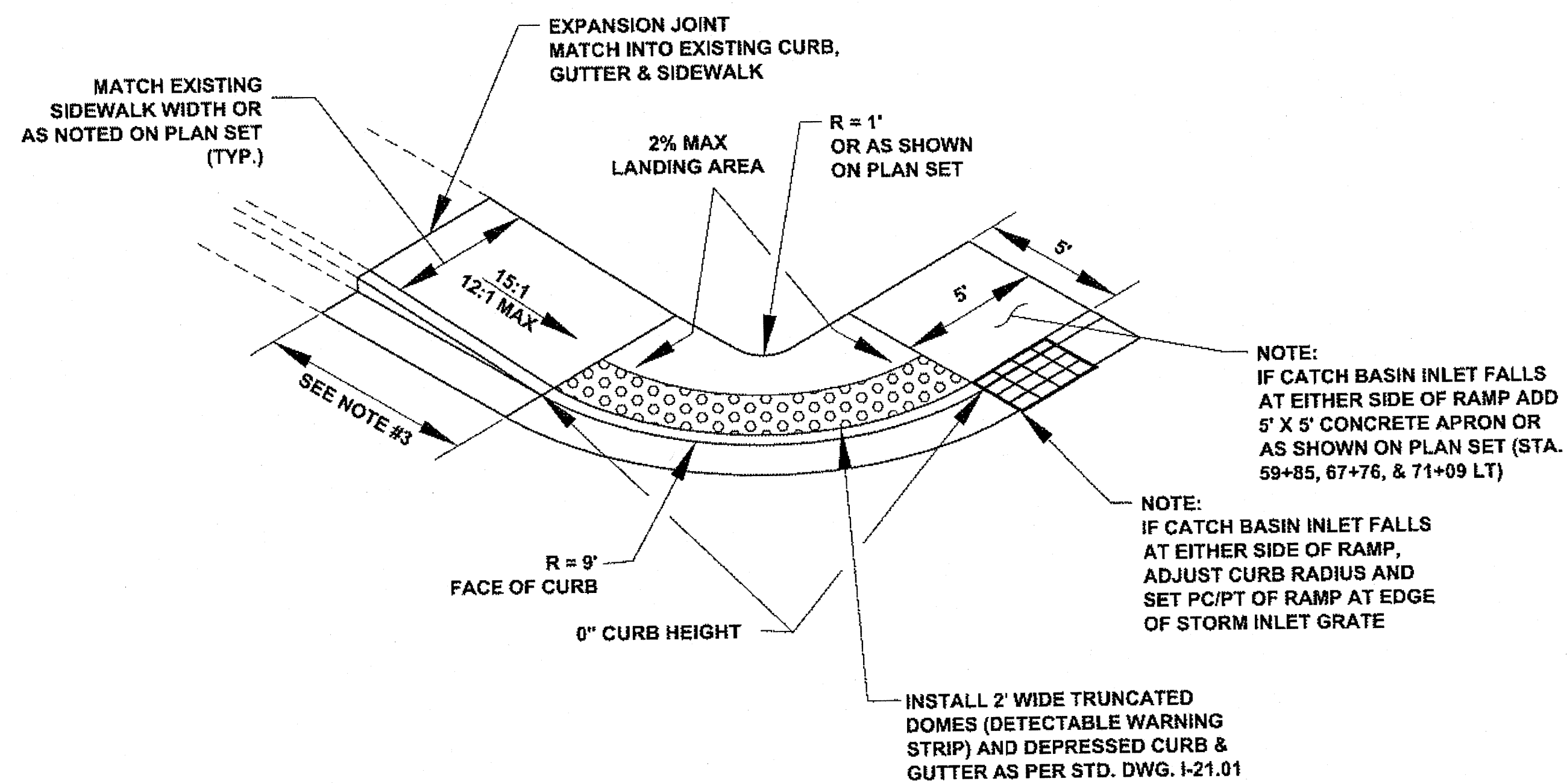
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
PE Date 7/18/13





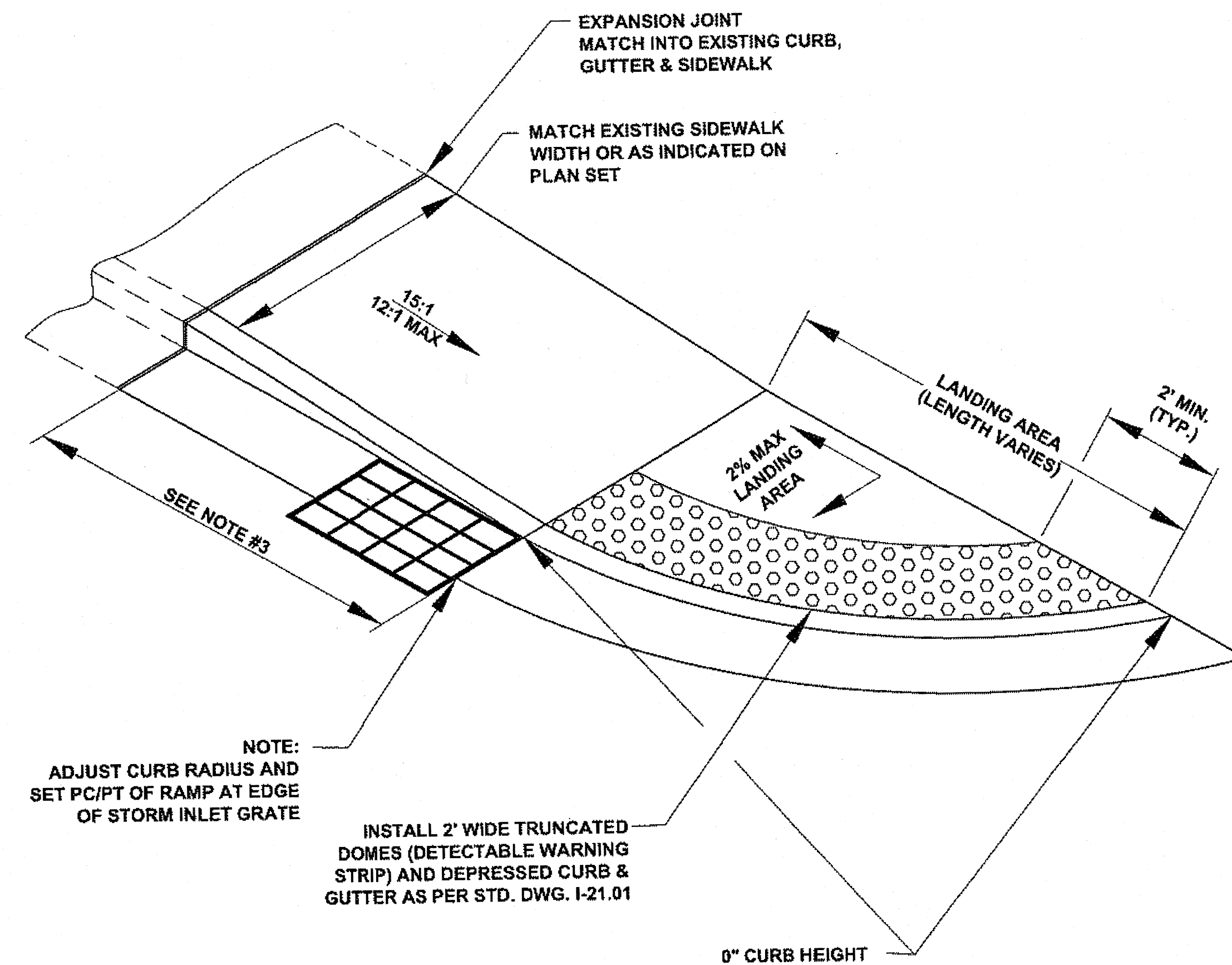
**BLENDING TRANSITION CURB RAMP DETAIL**  
 (NE CORNER OF 3RD AVE., SE CORNER OF 3RD AVE., NW CORNER OF 2ND AVE. & SW CORNER OF 2ND AVE.)

N.T.S.



**BLENDING TRANSITION CURB RAMP DETAIL**  
 (NW CORNER OF 6TH AVE., NE CORNER OF 6TH AVE., NW CORNER OF 5TH AVE., NE CORNER OF 5TH AVE., NE CORNER OF 4TH AVE. & NW CORNER OF 3RD AVE.)

N.T.S.



**ONE WAY DIRECTIONAL CURB RAMP**

N.T.S.

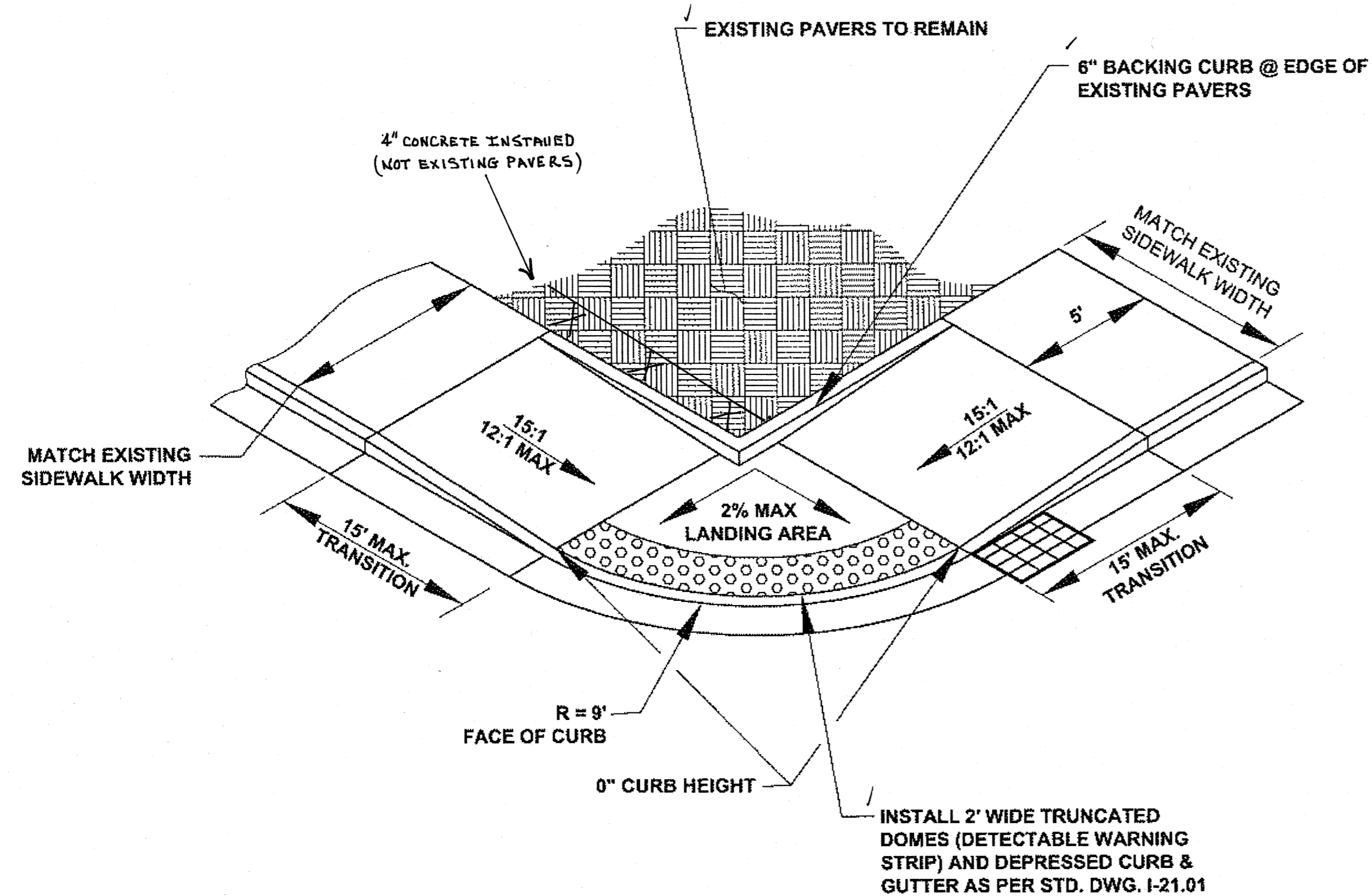
**SIDEWALK, CURB & GUTTER NOTES**

1. CONCRETE SIDEWALKS, CURB & GUTTER EXPANSION JOINTS SHALL BE AT EACH END OF CURB RETURNS AND IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30" MAXIMUM.
2. FOR TEXTURE PATTERN DETAIL AND DIMENSIONS REFER TO AK STD. DRAWING I-21.01.
3. FOR RAMPS, WHEN "CHASING GRADE", RAMP LENGTH NEED NOT EXCEED 15', BUT SLOPE MUST BE UNIFORM (PROWAG).

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

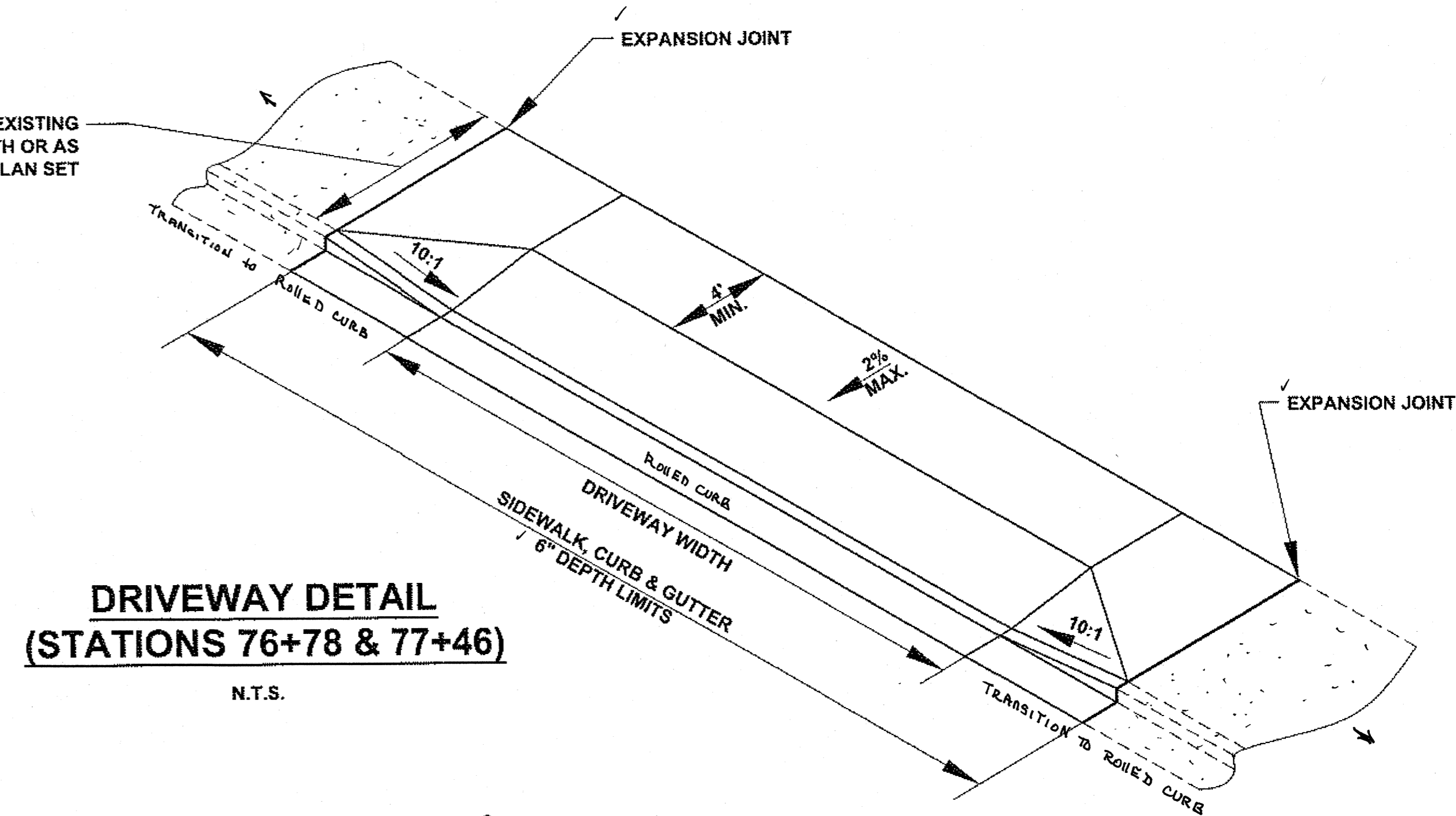
CHECKED BY: K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568
DRAWN BY: D. MULLINER	<b>MISC. DETAILS</b>
PATH: Q:\HNS\69568\END\DOUG'S PLANSET\DOUG'S _J1 - J6 MISC DETAILS.DWG	REVISIONS
TAB: J4 Tuesday, August 16, 2011 10:53:43 AM MULLINER, DOUGLAS J. (DOT)	PROJECT DESIGNATION YEAR SHEET NO. TOTAL SHEETS
	STP-000S(753)-69568 2011 J4 43

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 7/18/13



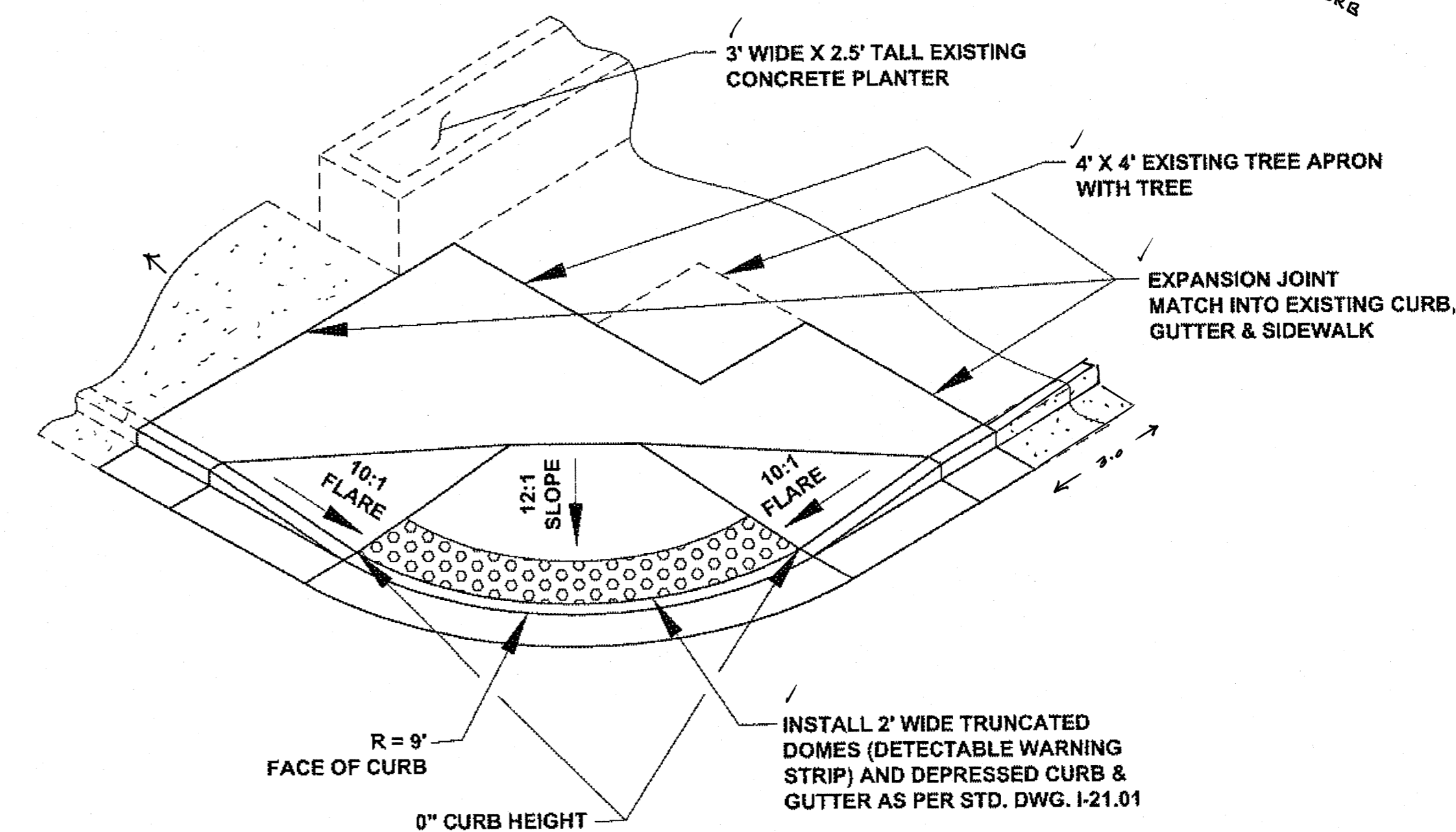
**BLENDING TRANSITION CURB RAMP DETAIL  
 (NW CORNER OF 4TH AVE.)**

N.T.S.



**DRIVEWAY DETAIL  
 (STATIONS 76+78 & 77+46)**

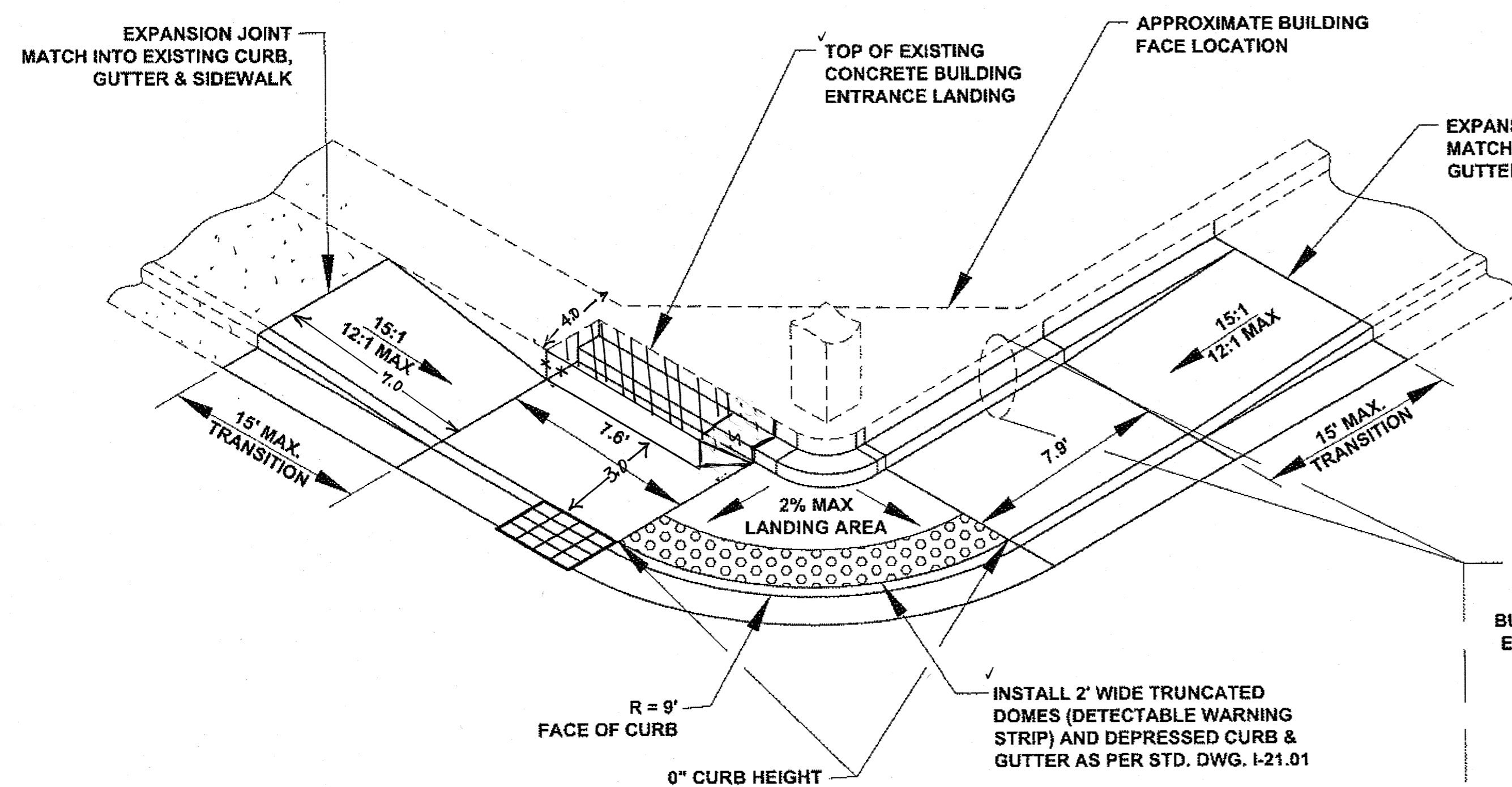
N.T.S.



**BLENDING TRANSITION CURB RAMP DETAIL  
 (SE CORNER OF 2ND AVE.)**

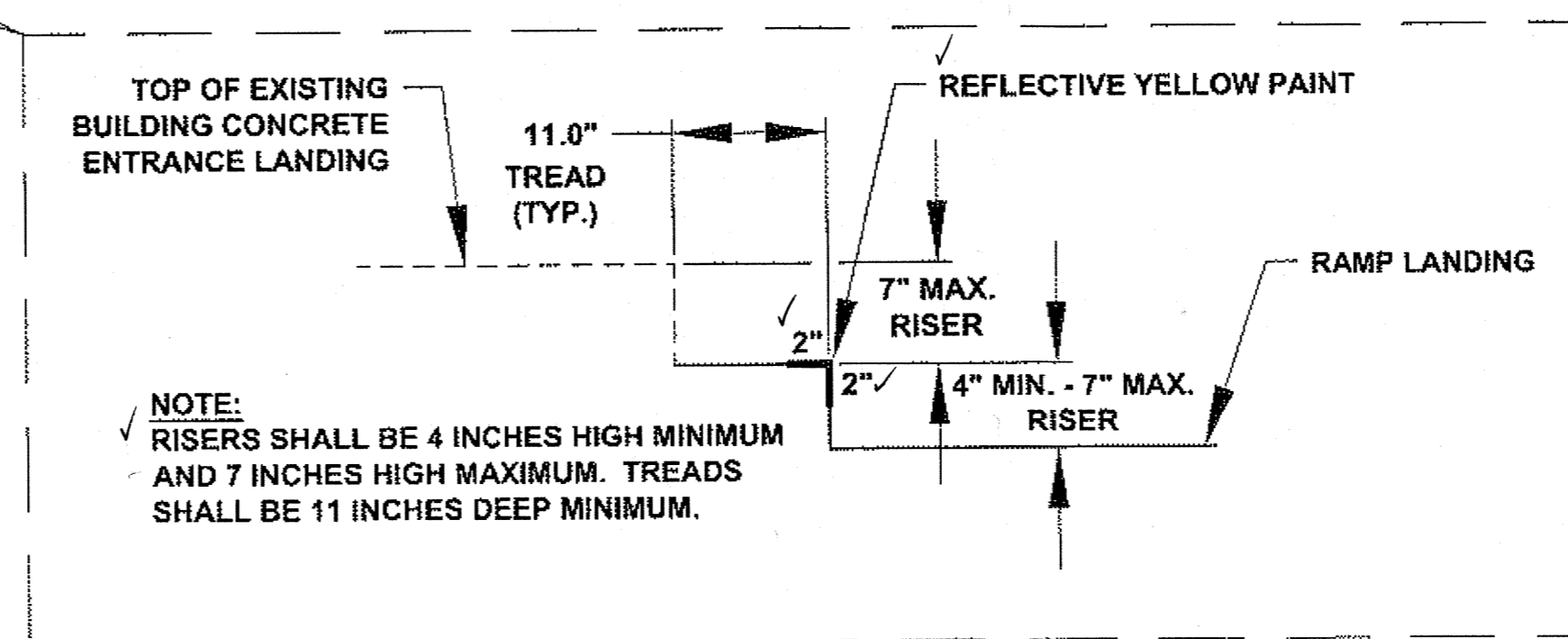
N.T.S.

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: 7/18/13



**BLENDING TRANSITION CURB RAMP DETAIL  
 (NE CORNER OF 2ND AVE.)**

N.T.S.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568

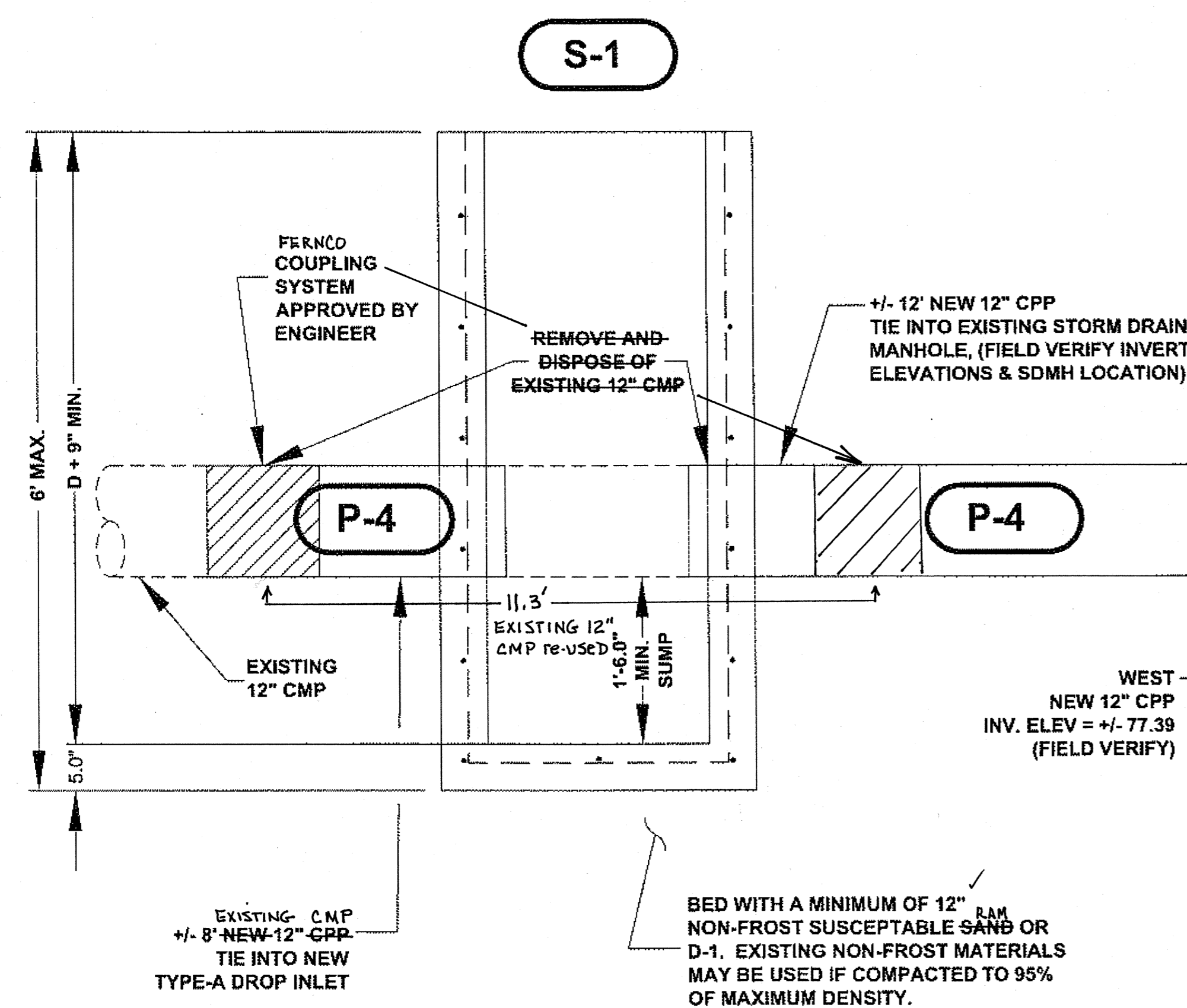
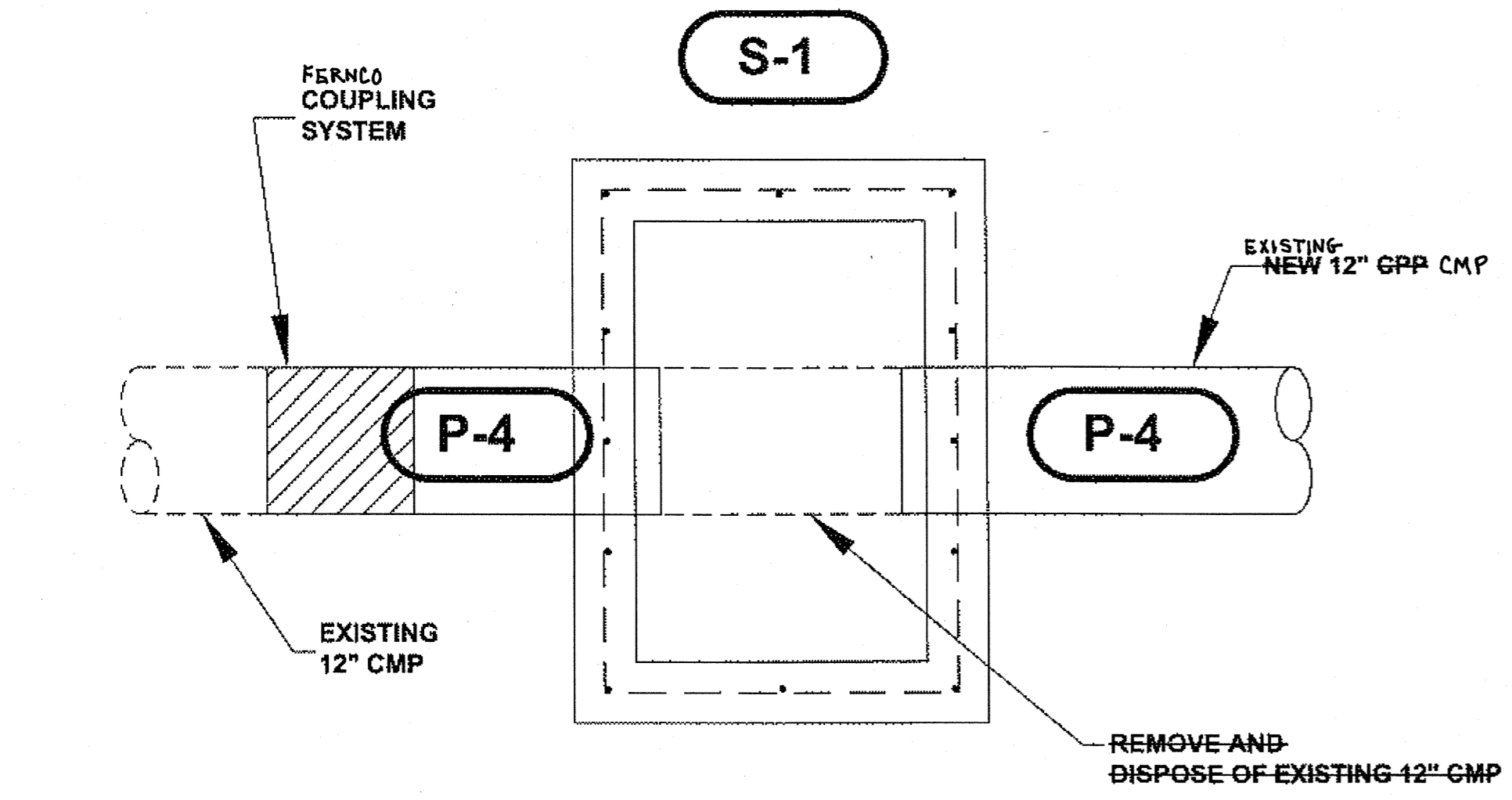
DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER  
 PATH: Q:\HNS\69568\ENDDOUG'S PLANSET\DOUG'S\_J1 - J6 MISC DETAILS.DWG  
 TAB: J5 Tuesday, August 16, 2011 10:53:51 AM MULLINER, DOUGLAS J. (DOT)

**MISC. DETAILS**

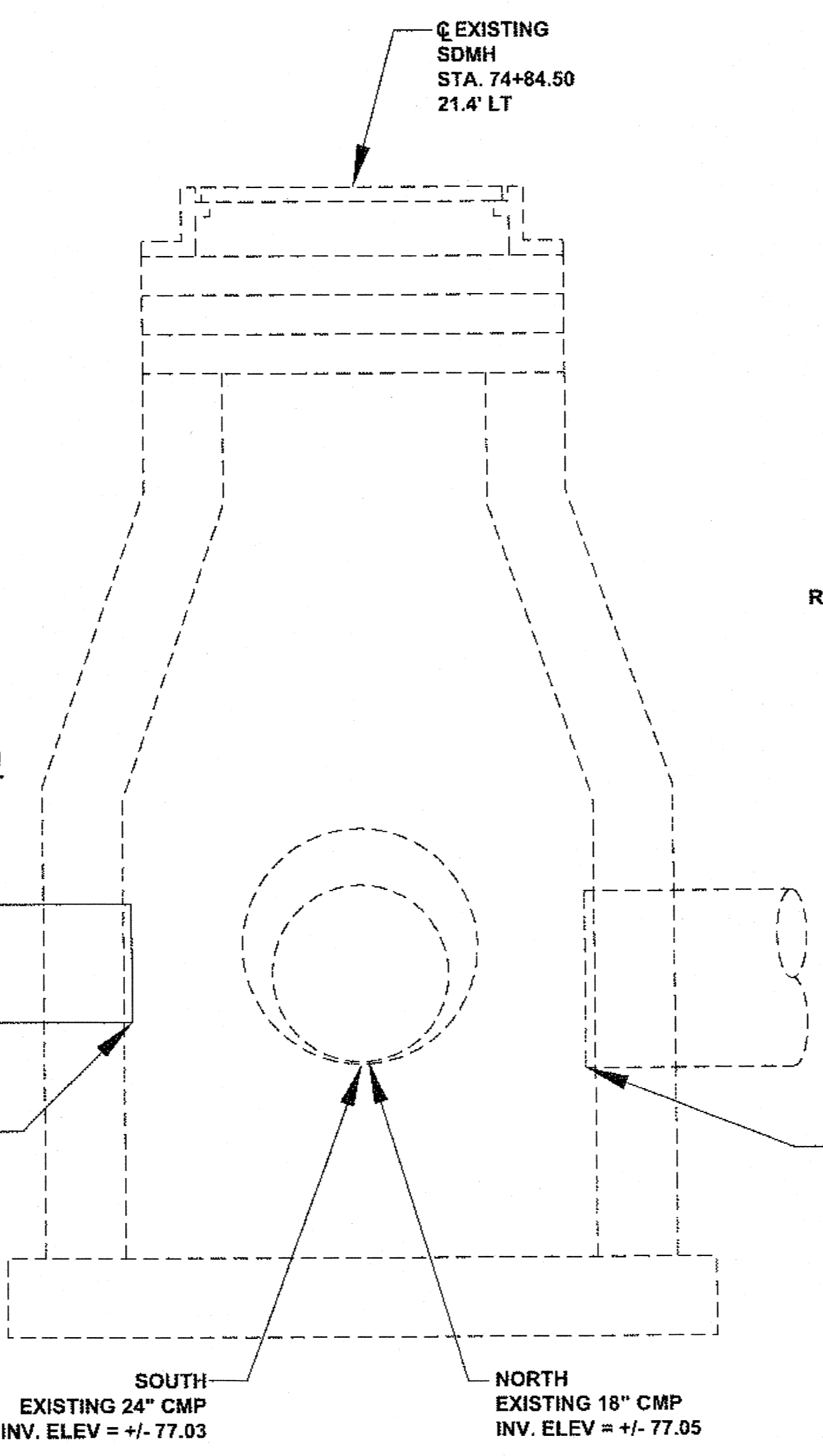
NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	J5	43

**CATCH BASIN NOTES:**

1. ENTIRE KNOCKOUT IS TO BE REMOVED AND SEALED SHUT AROUND PIPE. ALL PIPES ARE TO EXTEND MIN. 1" AND MAX. 2" INTO CATCH BASIN. GROUT INTERIOR AND EXTERIOR BETWEEN FRAME, SECTIONS AND CATCH BASIN.
2. GRATE MUST BE OF A TYPE THAT WILL NOT CREATE A HAZARD FOR BICYCLE TRAFFIC.
3. MINIMUM SUMP DEPTH SHALL BE 18".
4. ALL INVERT ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
5. REFER TO NEENAH FOUNDRY R-3067-C FOR COMBINATION INLET FRAME & GRATE TYPE/STYLE AND DIMENSIONS. CONTRACTOR SHALL VERIFY DIMENSIONS OF EXISTING INLETS PRIOR TO ORDERING MATERIALS AND MAY USE AN APPROVED EQUAL.



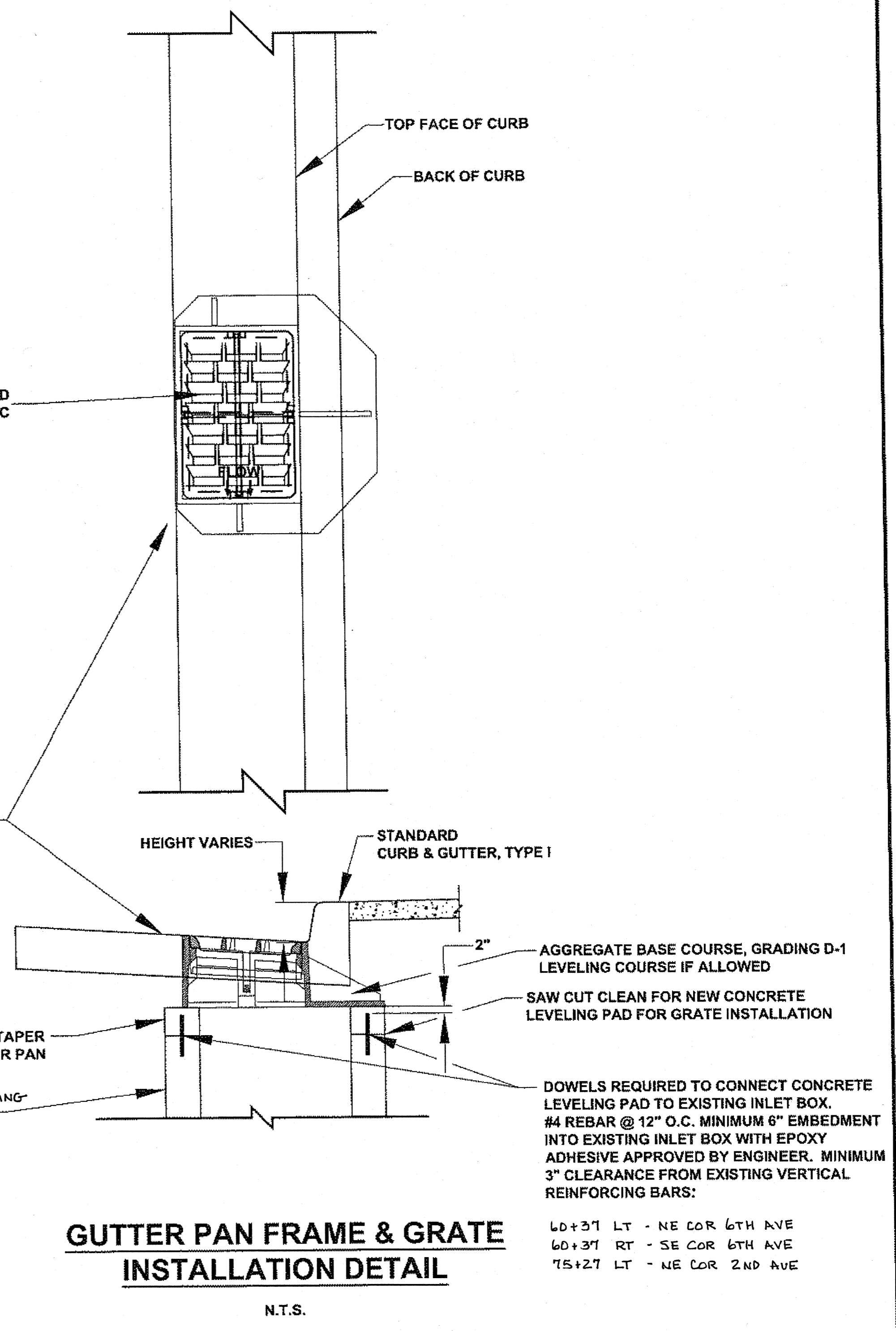
**PRECAST TYPE "A" INLET BOX DETAIL**  
**STATION 74+73 (STD. DWG. D-26.02)**  
 N.T.S.



**GUTTER PAN FRAME & GRATE**  
**INSTALLATION DETAIL**  
 N.T.S.

REFER TO NEENAH FOUNDRY R-3067-C FOR COMBINATION INLET FRAME & GRATE DETAIL FOR TYPE & STYLE. CONTRACTOR SHALL VERIFY THE DIMENSIONS OF EXISTING INLETS PRIOR TO ORDERING MATERIALS AND MAY USE AN APPROVED EQUAL.

GRATE MUST BE APPROVED FOR BICYCLE TRAFFIC



DOWELS REQUIRED TO CONNECT CONCRETE LEVELING PAD TO EXISTING INLET BOX. #4 REBAR @ 12" O.C. MINIMUM 6" EMBEDMENT INTO EXISTING INLET BOX WITH EPOXY ADHESIVE APPROVED BY ENGINEER. MINIMUM 3" CLEARANCE FROM EXISTING VERTICAL REINFORCING BARS:  
 60+37 LT - NE COR 6TH AVE  
 60+37 RT - SE COR 6TH AVE  
 75+27 LT - NE COR 2ND AVE

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 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER

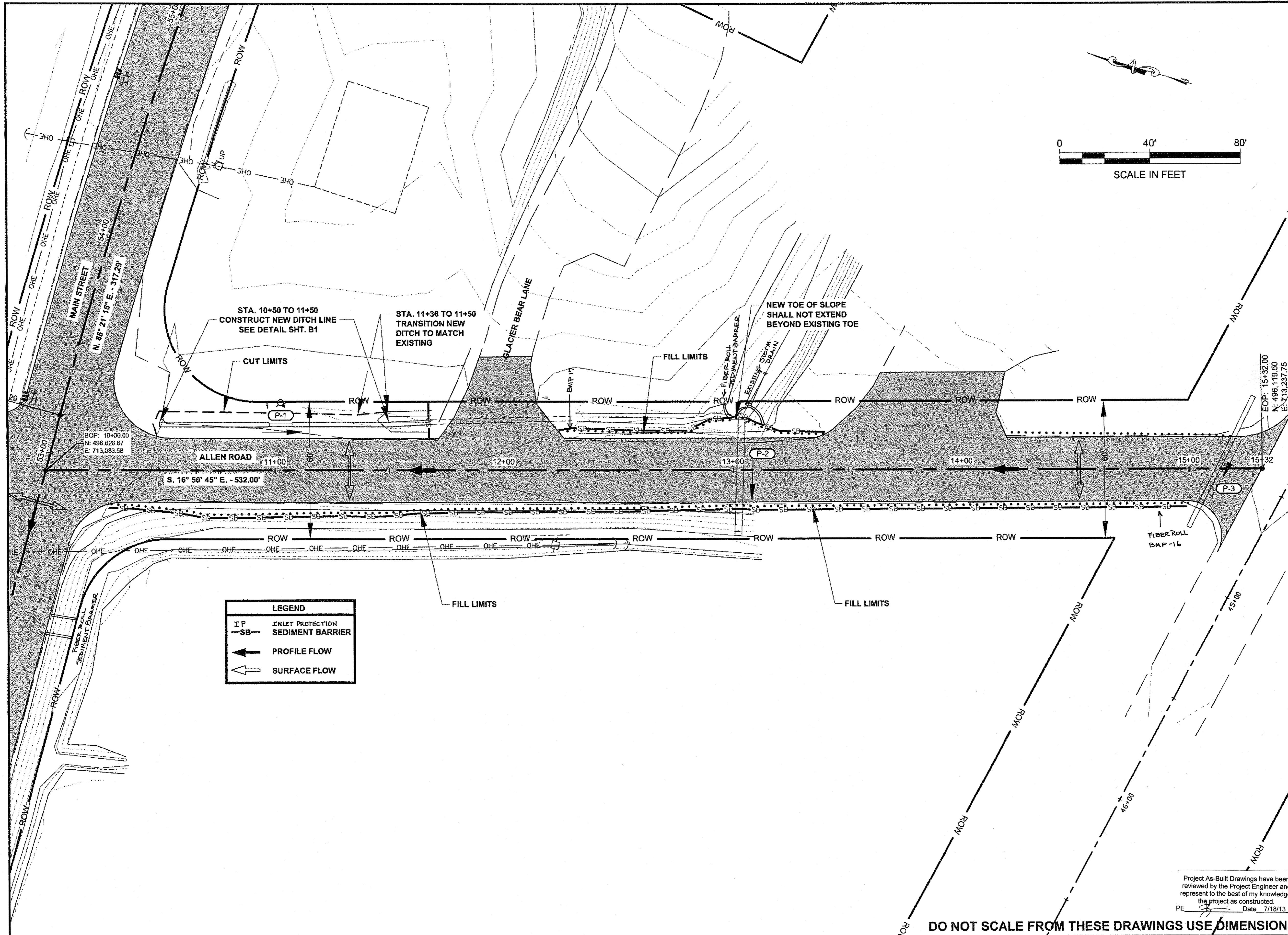
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

HNS: ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION PROJECT #69568

**MISC. DETAILS**

PATH: Q:\HNS\69568\ENDDOUG'S PLANSET\DOUG'S \_J1 - J6 MISC DETAILS.DWG  
 TAB: J6 Tuesday, August 16, 2011 10:53:59 AM MULLINER, DOUGLAS J. (DOT)

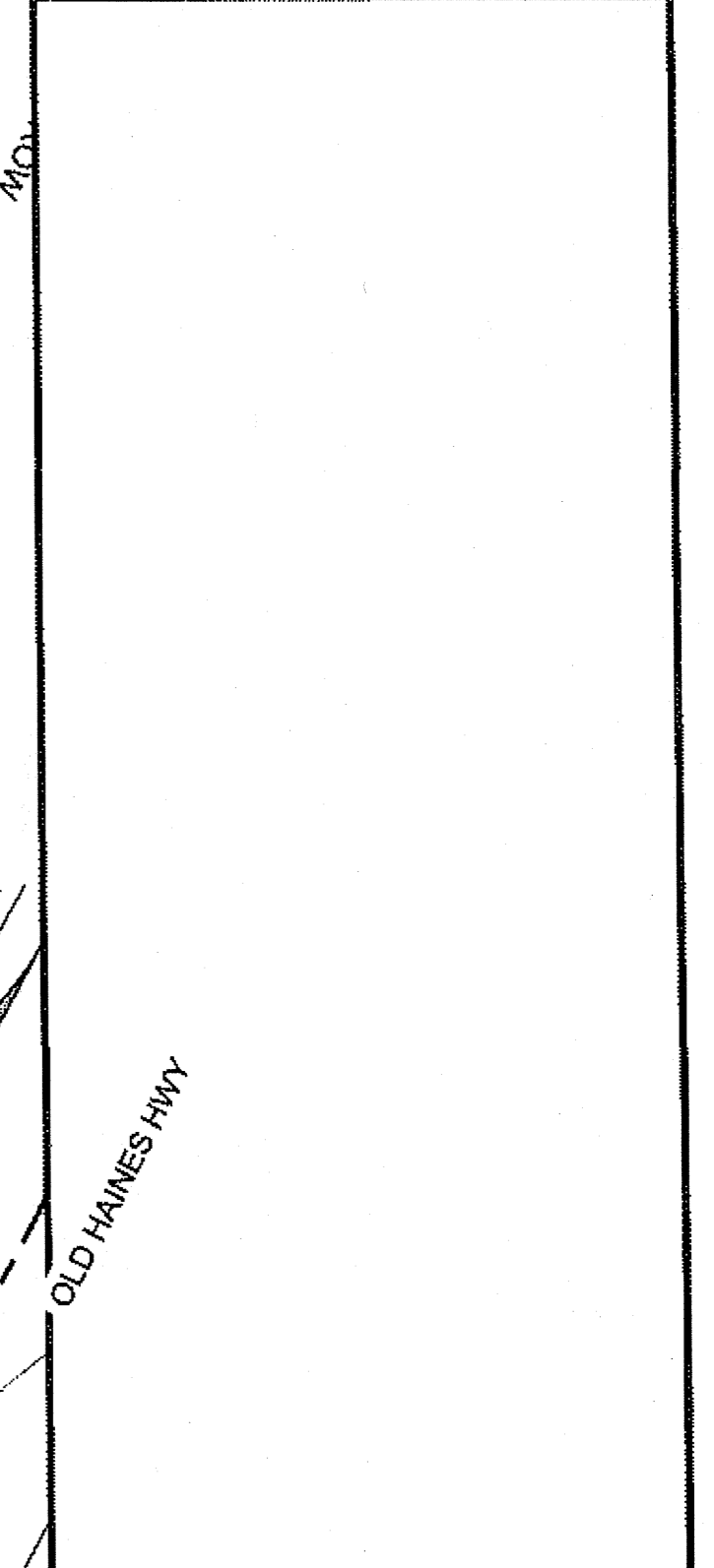
NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	J6	43



LEGEND	
IP	INLET PROTECTION
SB	SEDIMENT BARRIER
←	PROFILE FLOW
⇐	SURFACE FLOW

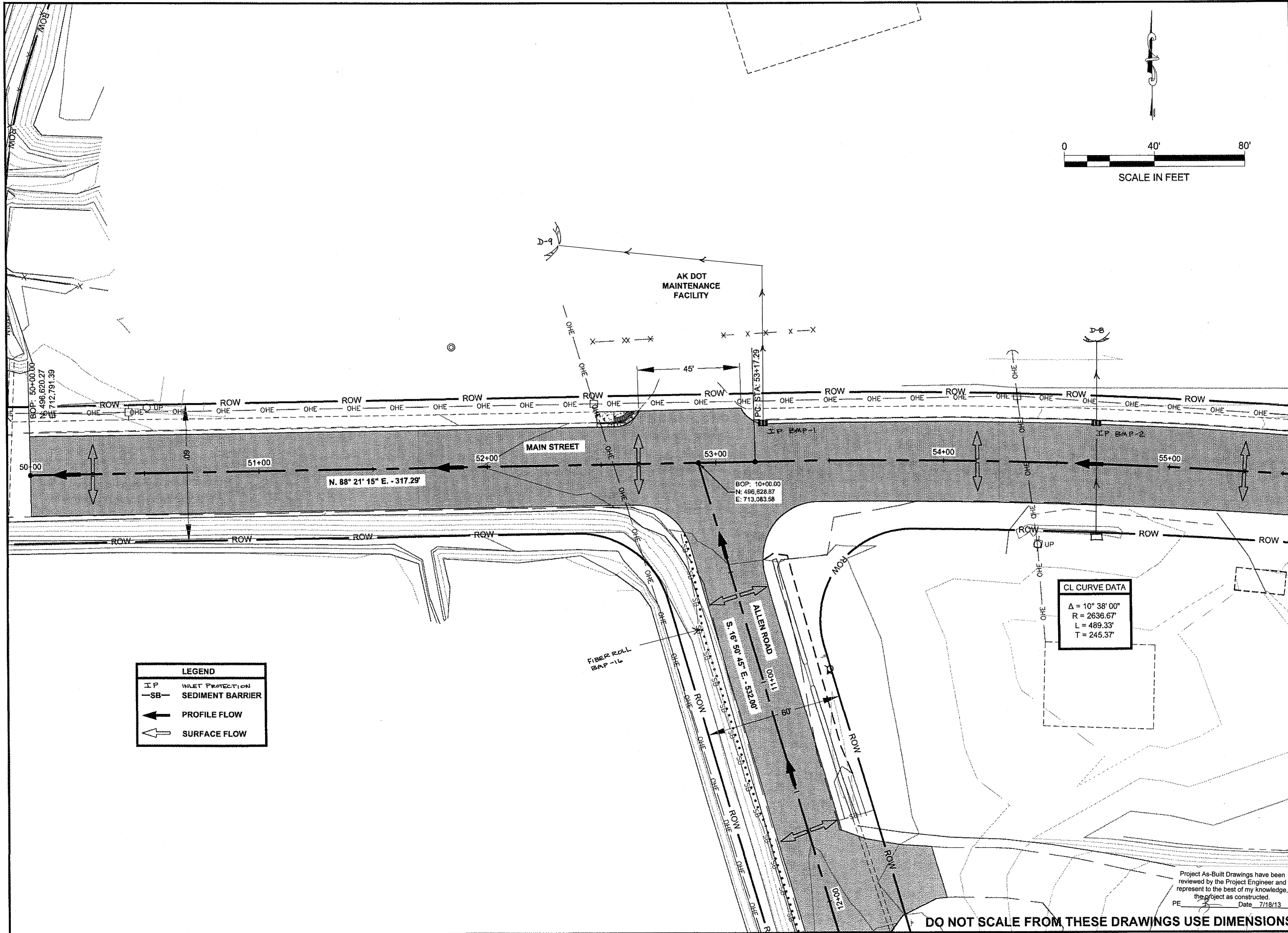
PATH: G:\HNS\69568\HNS\DOUG'S PLANSET\DOUG'S P1-P7\_EROSION & SEDIMENT SHEETS.DWG  
 ELLIS, GARY M (DOT)  
 TAB: P1 Wednesday, September 21, 2011 3:39:58 P

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

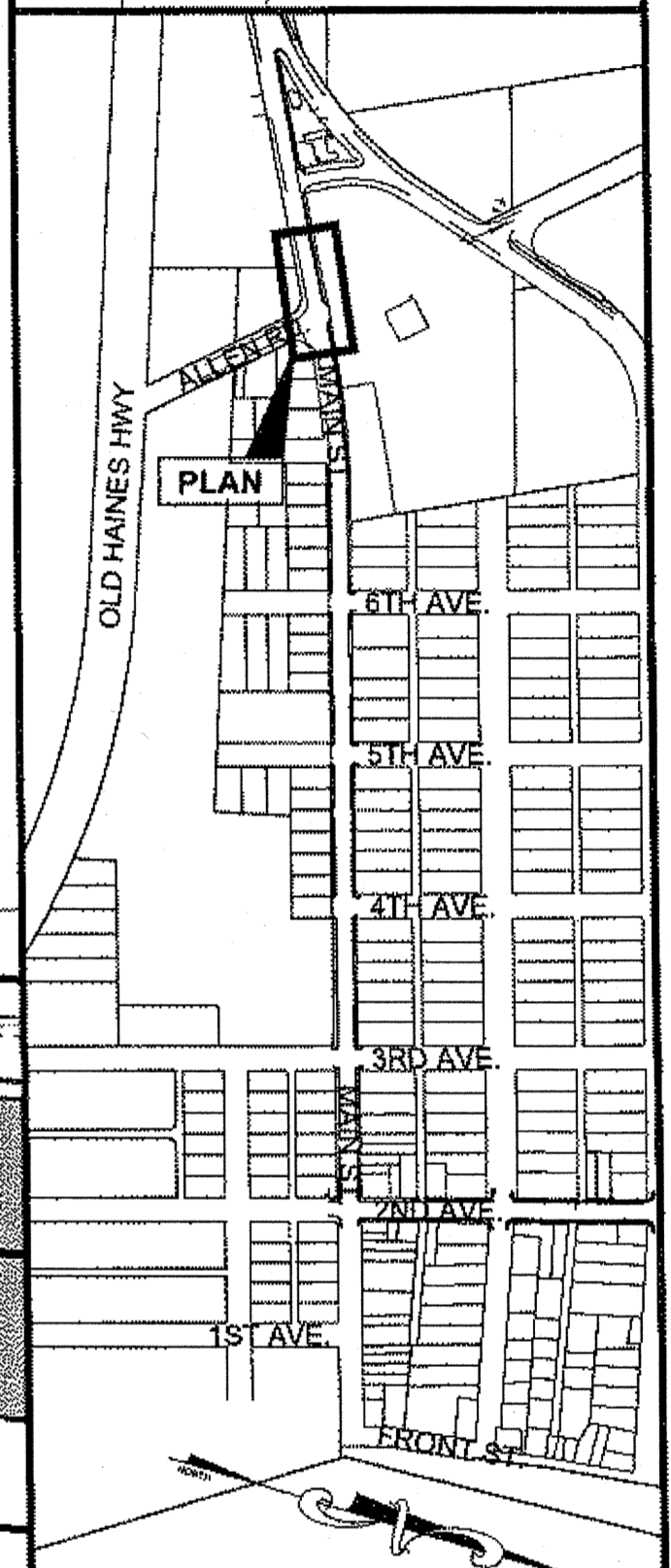


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE [Signature] Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

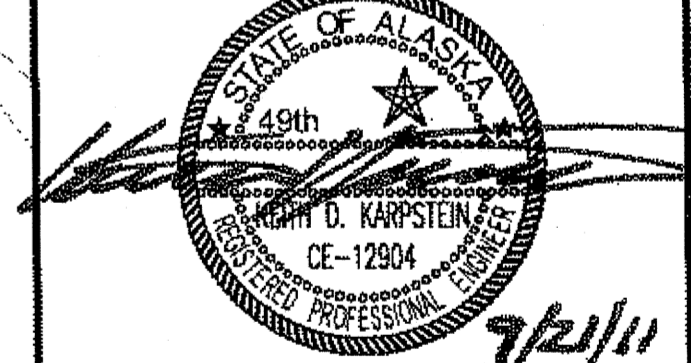


PATH: Q:\HNS\69568\ENDDOUG'S  
 PLANSETDOUG'S P1-P7\_EROSION &  
 SEDIMENT SHEETS.DWG  
 ELLIS, GARY M (DOT)  
 TAB: P2 Wednesday, September 21, 2011 2:24



**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. RYDER & D. MULLNER

DRAWN BY: R. GRANTHAM

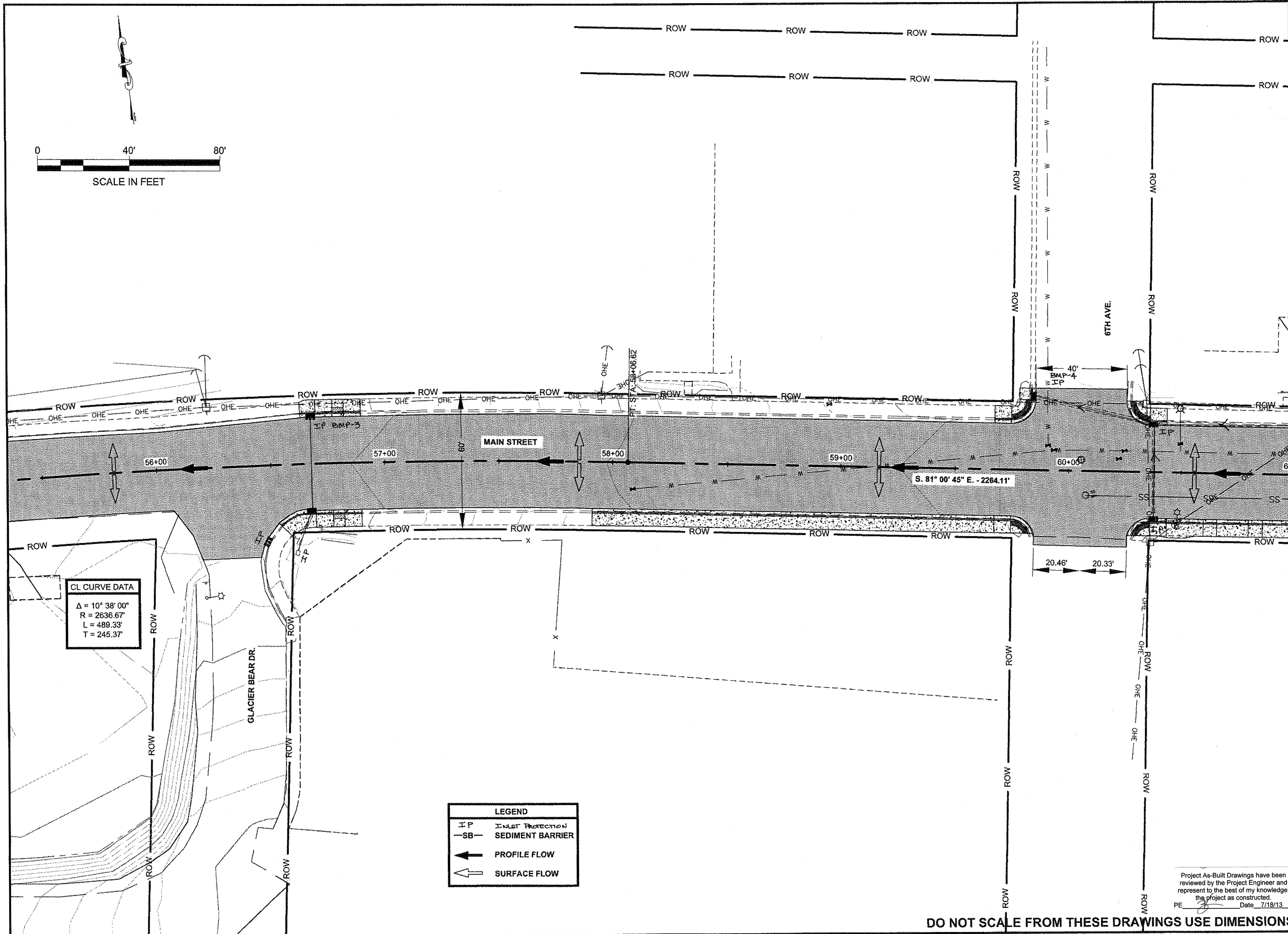
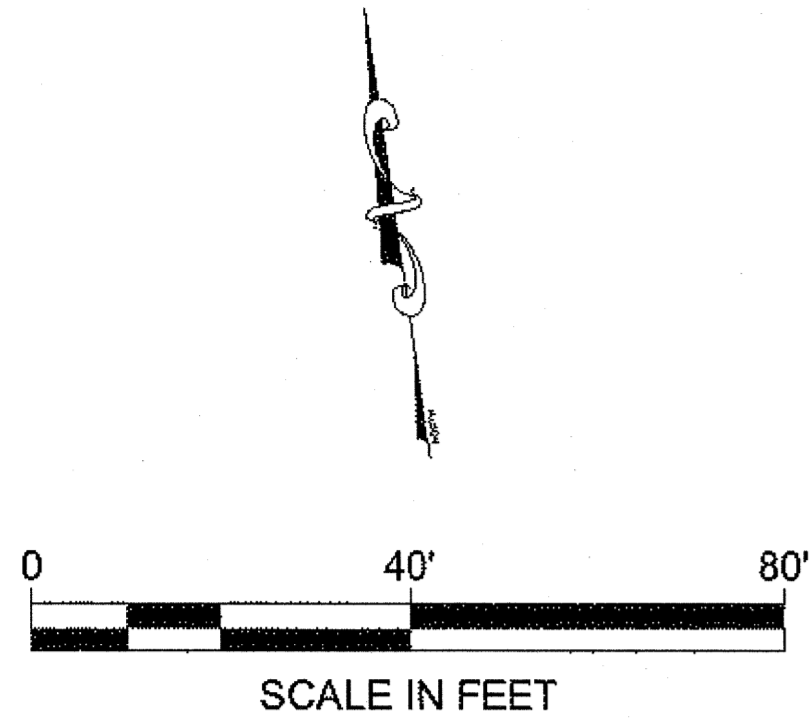
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 EROSION &  
 SEDIMENT  
 CONTROL PLAN**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
P2	43

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

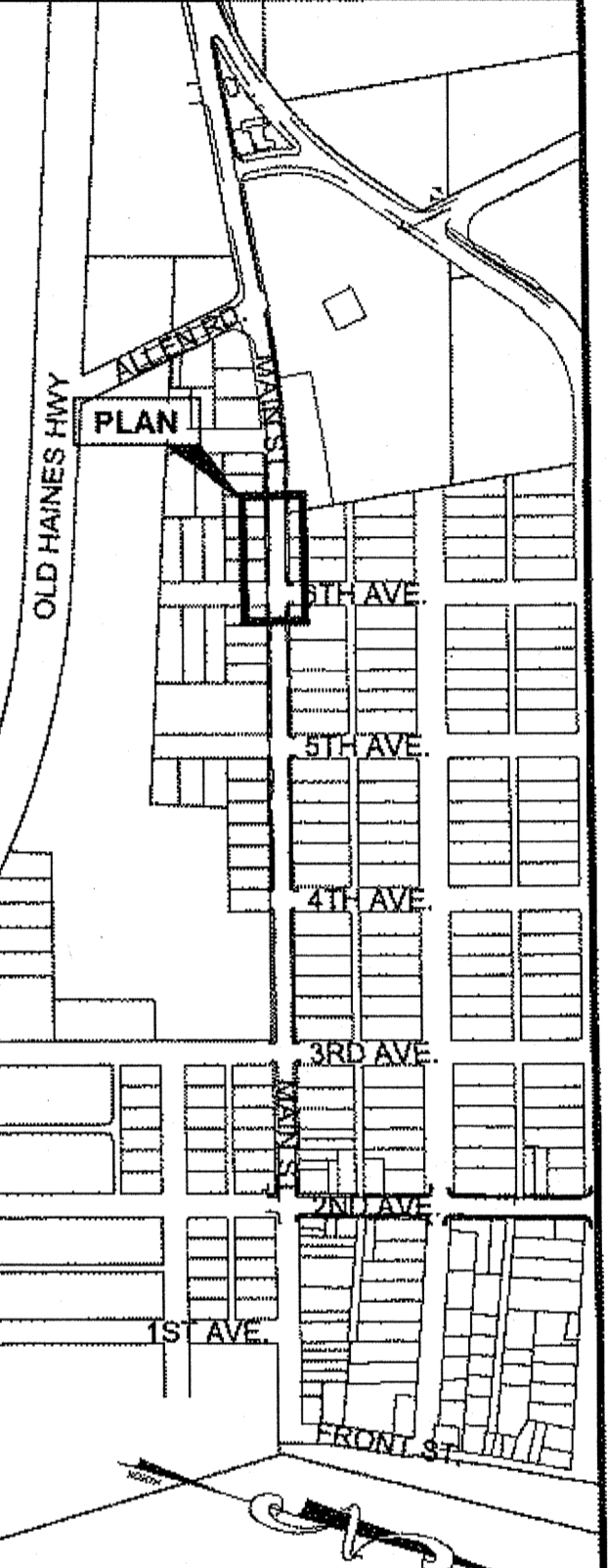


**CL CURVE DATA**  
 $\Delta = 10^\circ 38' 00''$   
 $R = 2636.67'$   
 $L = 489.33'$   
 $T = 245.37'$

LEGEND	
IP	INLET PROTECTION
—SB—	SEDIMENT BARRIER
←	PROFILE FLOW
⇐	SURFACE FLOW

PATH: Q:\HNS\69568\HNS\DOUG'S PLANS\DOUG'S P1-P7\_EROSION & SEDIMENT SHEETS.DWG  
 ELLIS, GARY M (DOT)  
 TAB: P3 Wednesday, September 21, 2011 2:33:11

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN

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

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 EROSION &  
 SEDIMENT  
 CONTROL PLAN**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

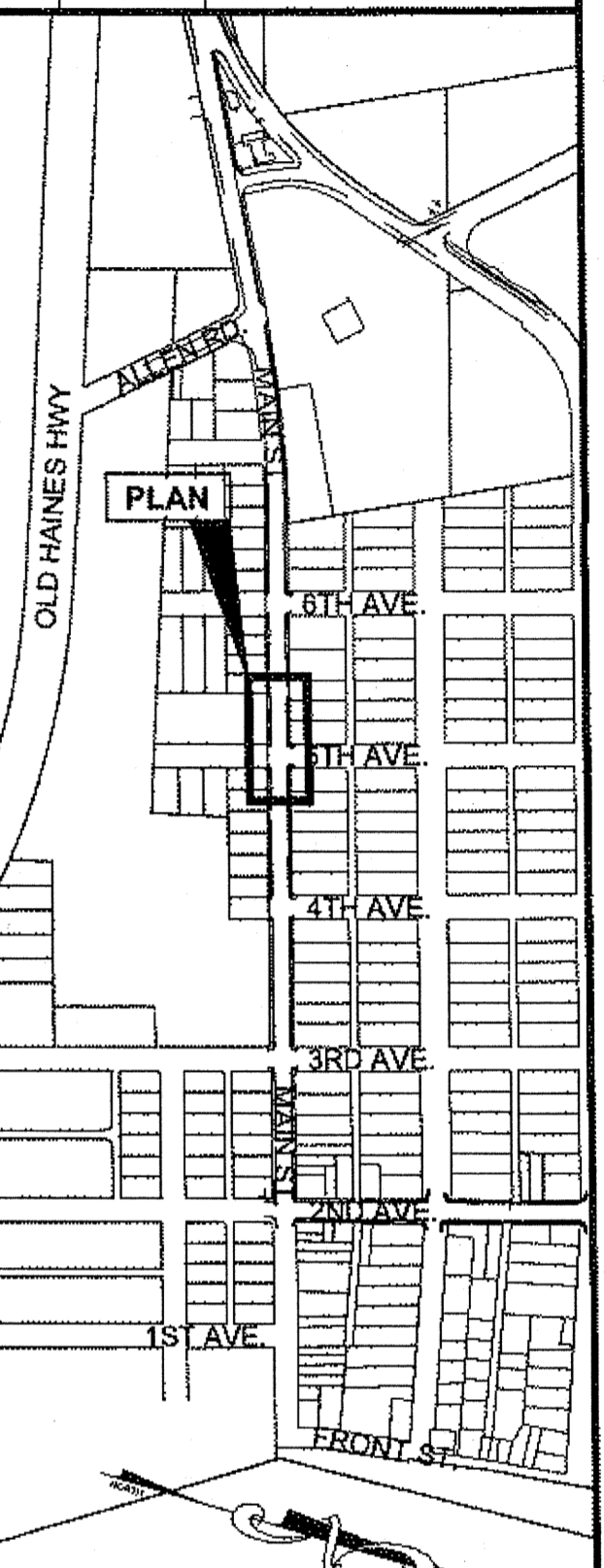
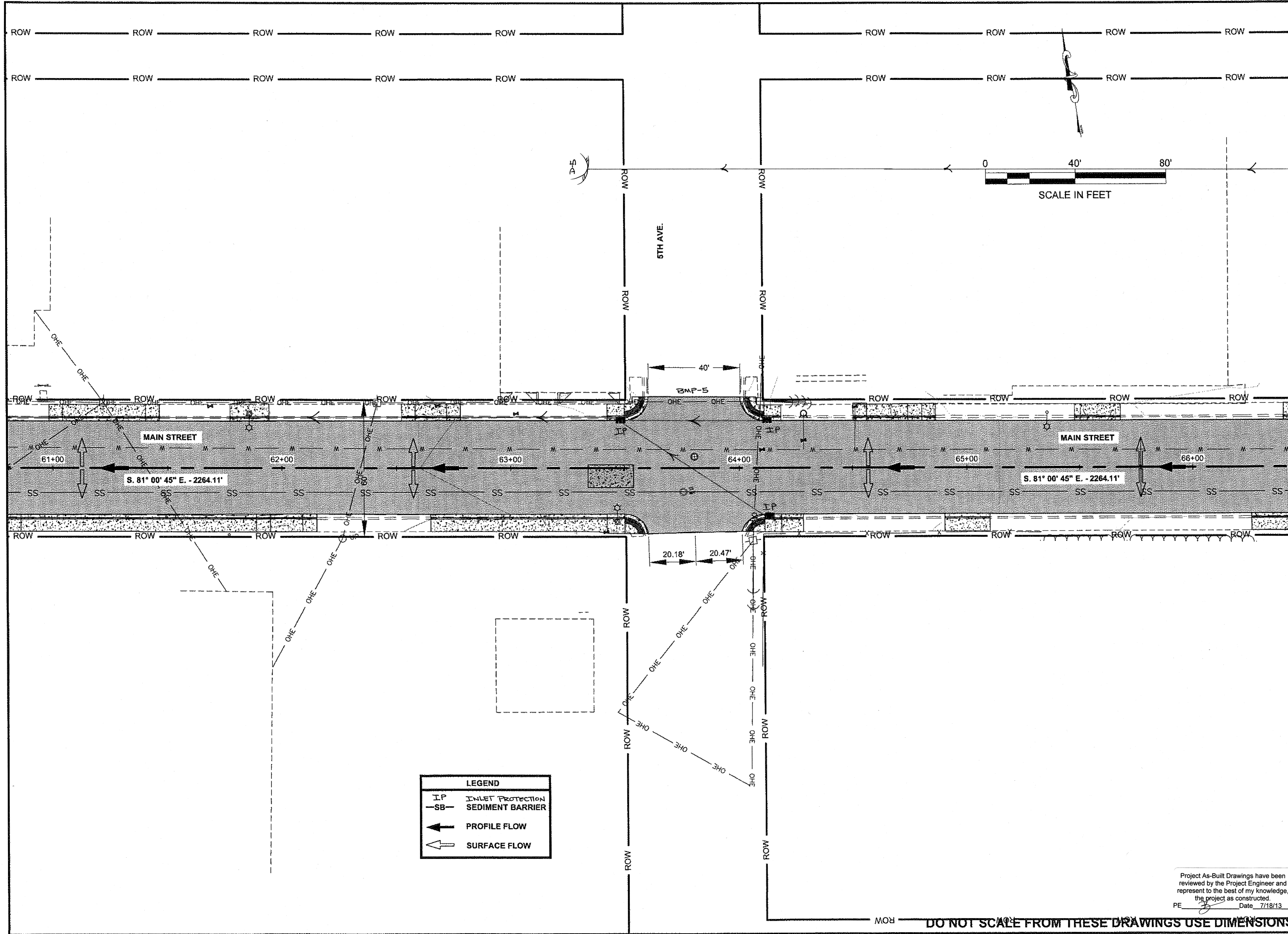
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>P3</b>	<b>43</b>

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

PATH: Q:\HNS\169568\END\DOUG'S PLANSET\DOUG'S P1-P7 EROSION & SEDIMENT SHEETS.DWG  
 ELLIS, GARY M (DOT)  
 TAB: P4 Wednesday, September 21, 2011 2:30:41

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. RYDER & D. MULLNER  
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 EROSION &  
 SEDIMENT  
 CONTROL PLAN**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

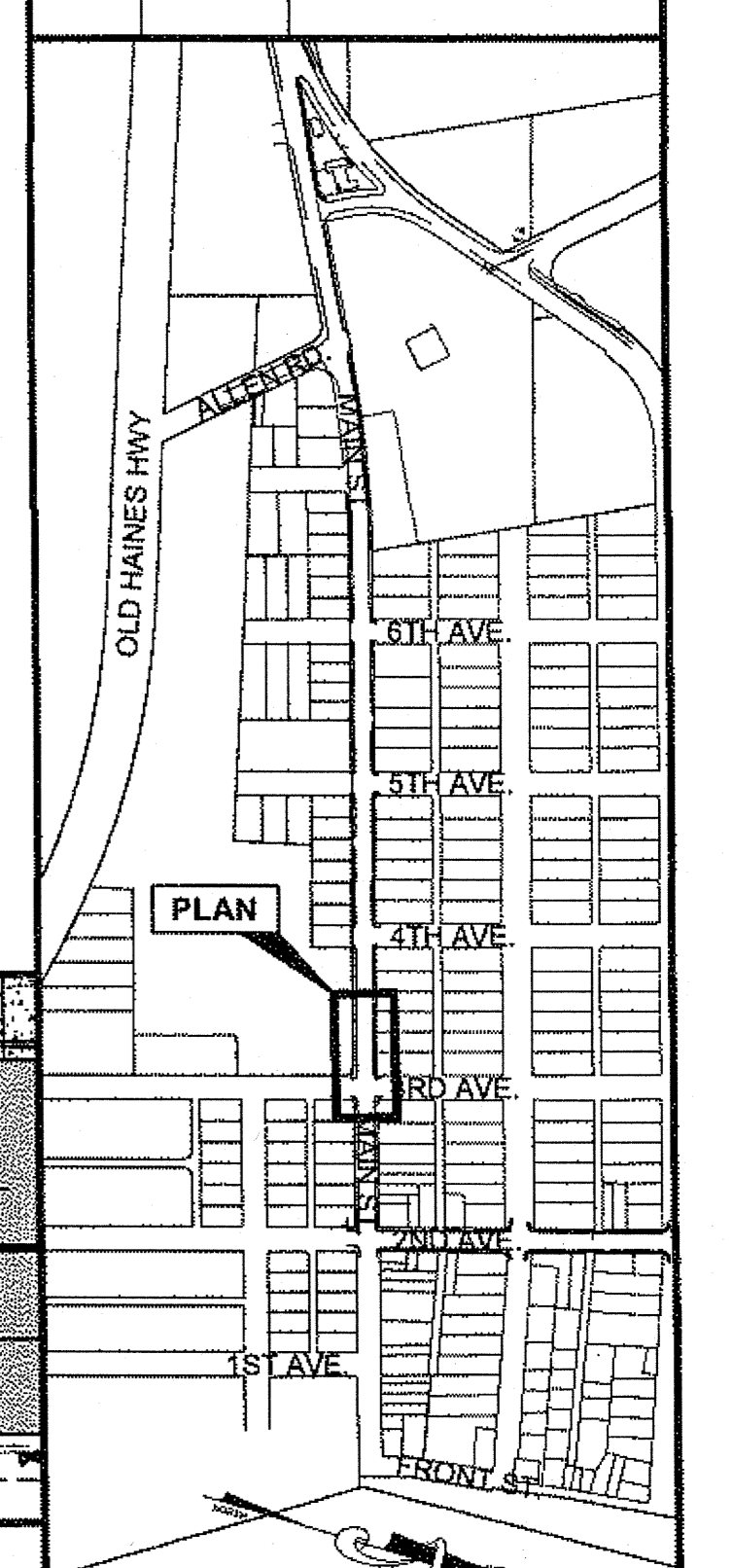
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>P4</b>	<b>43</b>

LEGEND	
IP	INLET PROTECTION
SB	SEDIMENT BARRIER
←	PROFILE FLOW
⇐	SURFACE FLOW

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

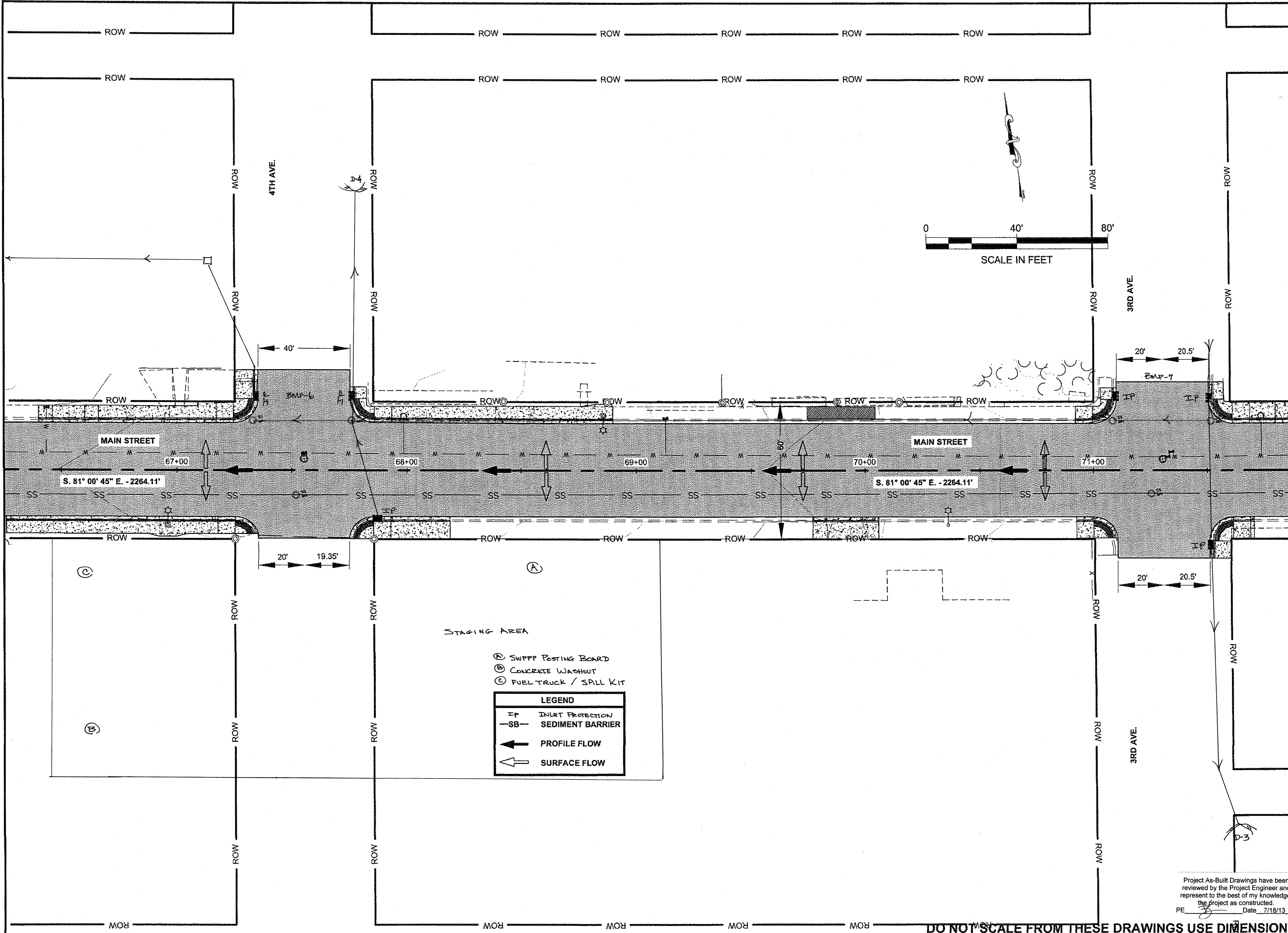
CHECKED BY: K. KARPSTEIN

DESIGNED BY: D. RYDER & D. MULEINER  
 DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 EROSION &  
 SEDIMENT  
 CONTROL PLAN**

PROJECT DESIGNATION	
<b>STP-000S(753)-69568</b>	
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>P5</b>	<b>43</b>



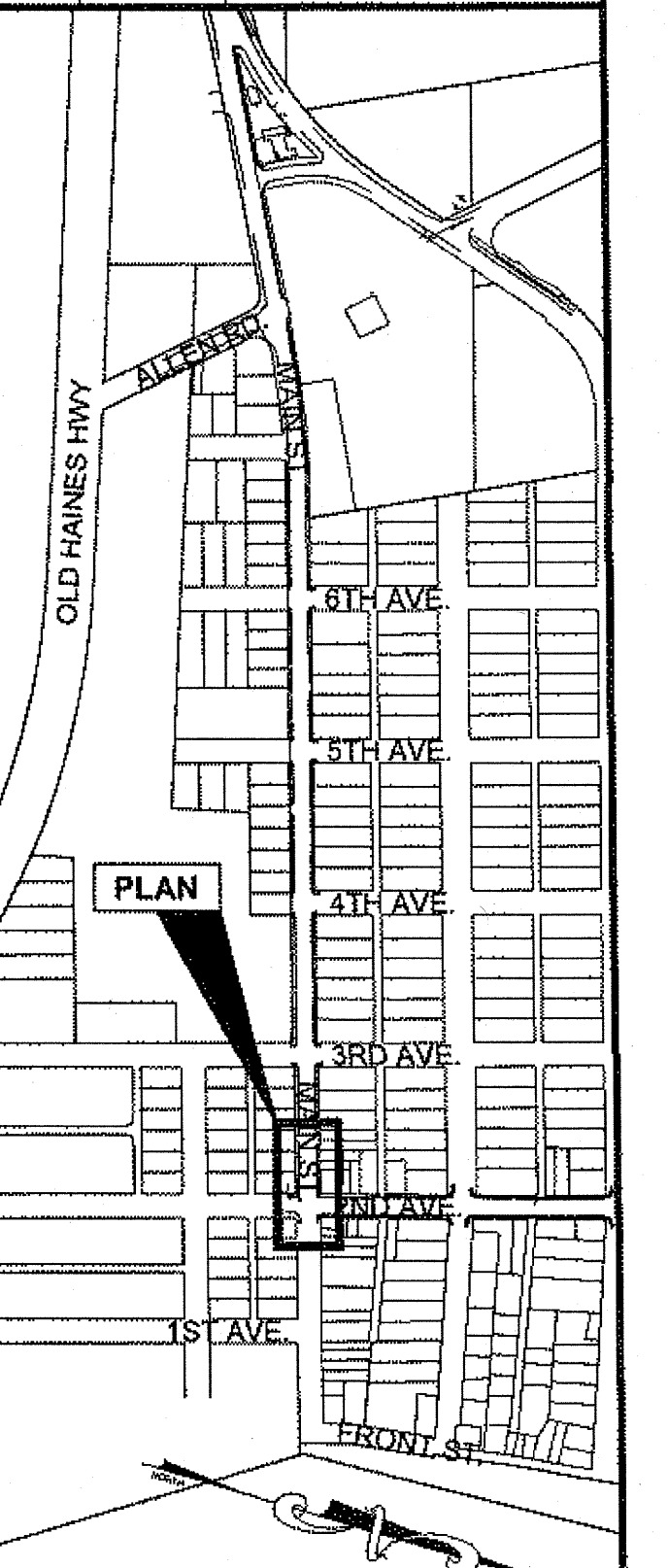
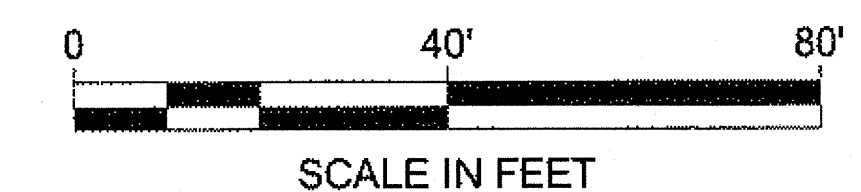
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE: [Signature] Date: 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



PATH: Q:\HNS\69568\EN\DOUG'S  
 PLANSET\DOUG'S P1-P7\_EROSION &  
 SEDIMENT SHEETS.DWG  
 ELLIS, GARY M (DOT)  
 TAB: P6 Wednesday, September 21, 2011 2:34:5

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: K. KARPSTEIN



DESIGNED BY: D. RYDER & D. MUELINER

DRAWN BY: R. GRANTHAM

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

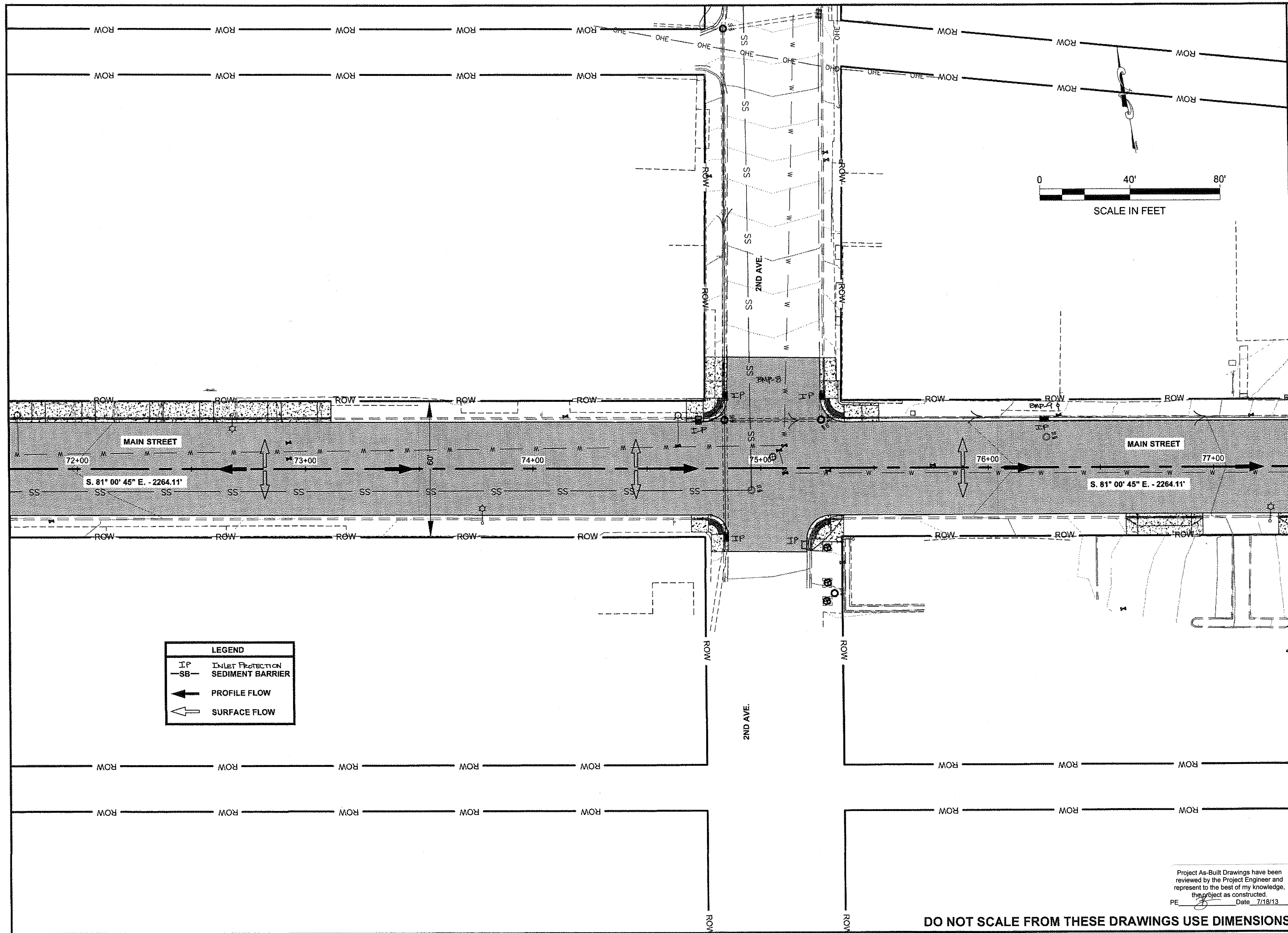
**HNS-ALLEN ROAD  
 & MAIN STREET  
 PAVEMENT REHABILITATION  
 EROSION &  
 SEDIMENT  
 CONTROL PLAN**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

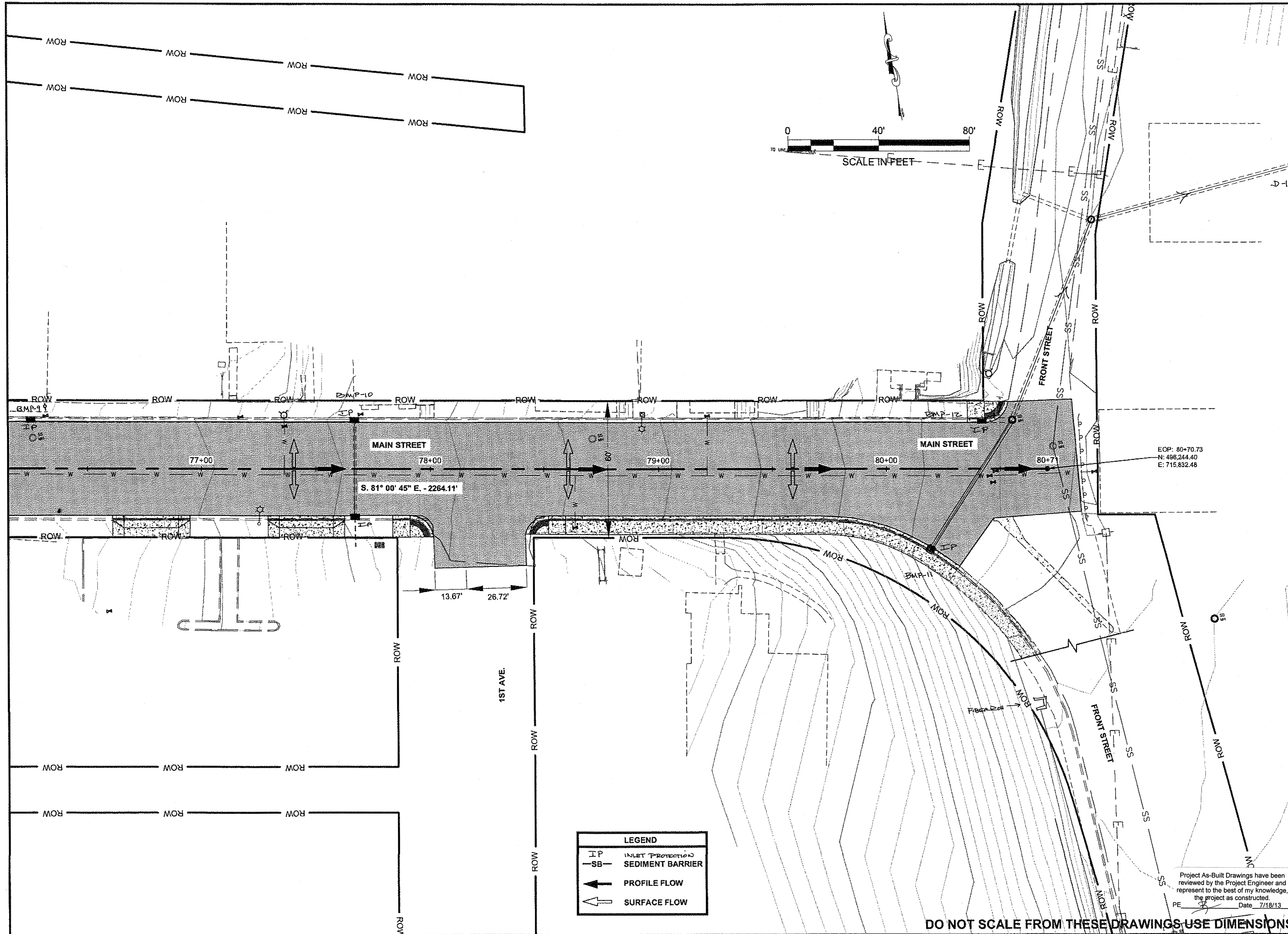
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>P6</b>	<b>43</b>

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 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



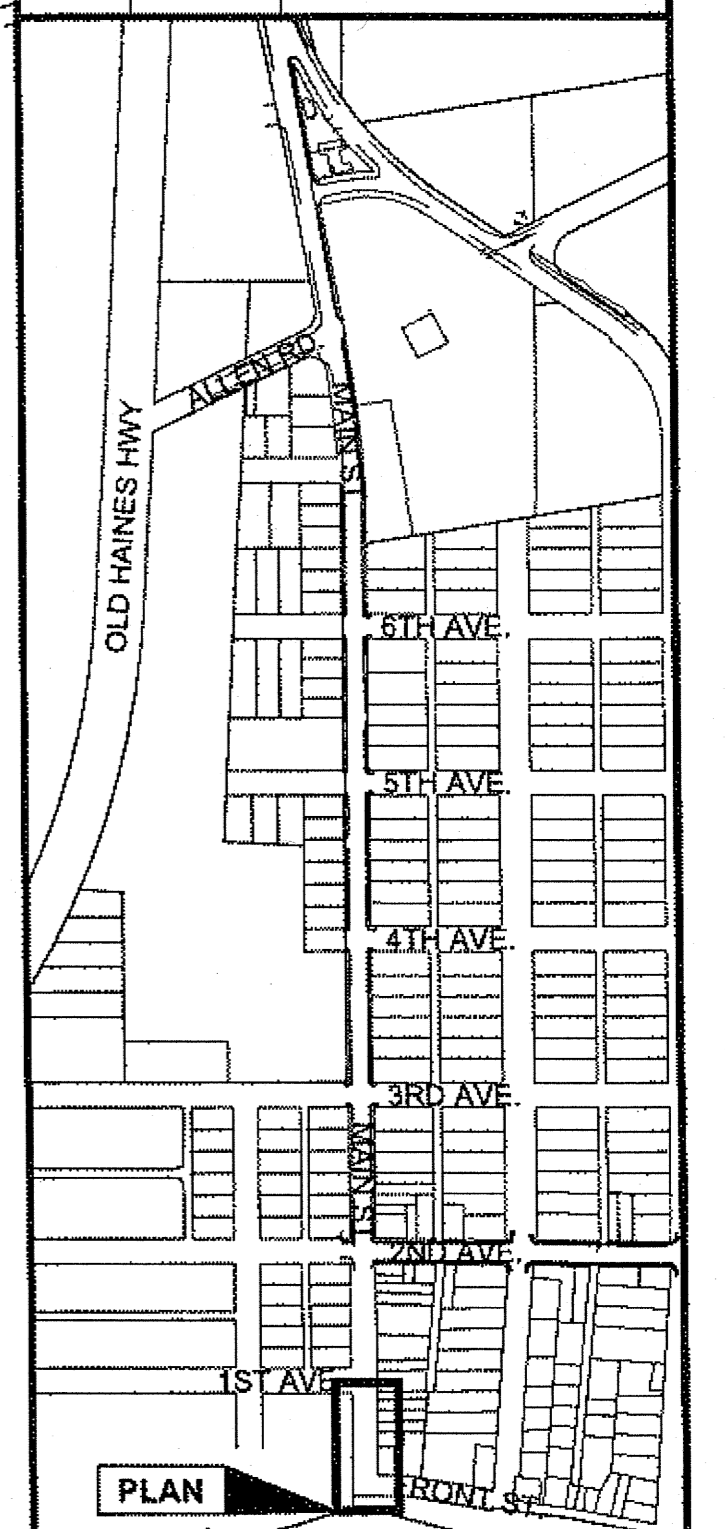
LEGEND	
IP	Inlet Protection
SB	Sediment Barrier
←	Profile Flow
↙	Surface Flow



LEGEND	
IP	INLET PROTECTION
SB	SEDIMENT BARRIER
→	PROFILE FLOW
⇨	SURFACE FLOW

PATH: Q:\HNS\69568\END\GUG'S PLANSET\GUG'S P1-P7\_EROSION & SEDIMENT SHEETS.DWG  
 ELLIS, GARY M (DOT)  
 TAB: P7 Wednesday, September 21, 2011 2:54:44

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: K. KARPSTEIN

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

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD & MAIN STREET PAVEMENT REHABILITATION EROSION & SEDIMENT CONTROL PLAN**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
P7	43

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 PE Date 7/18/13

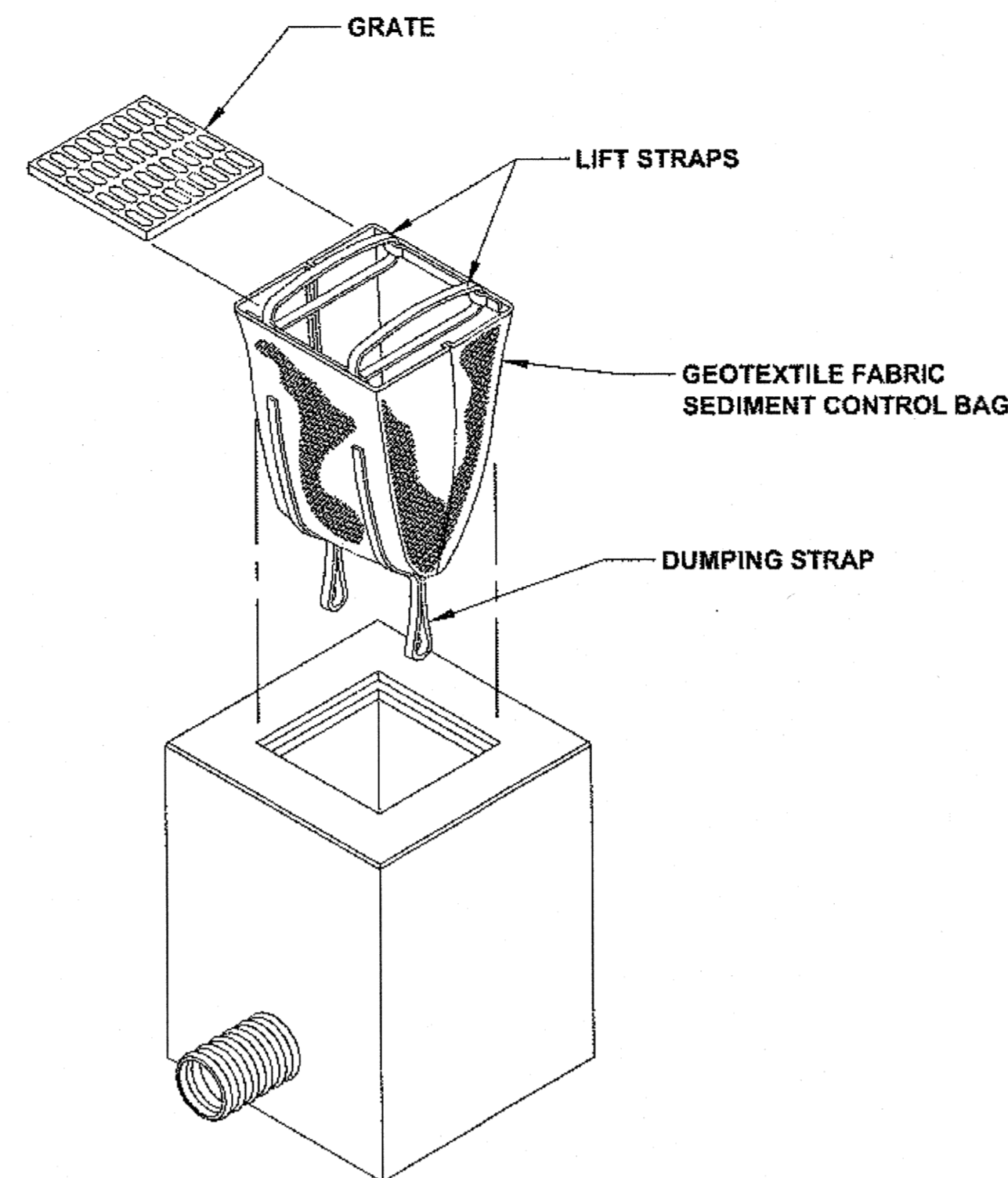
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

### INLET PROTECTION INSTALLATION AND MAINTENANCE

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

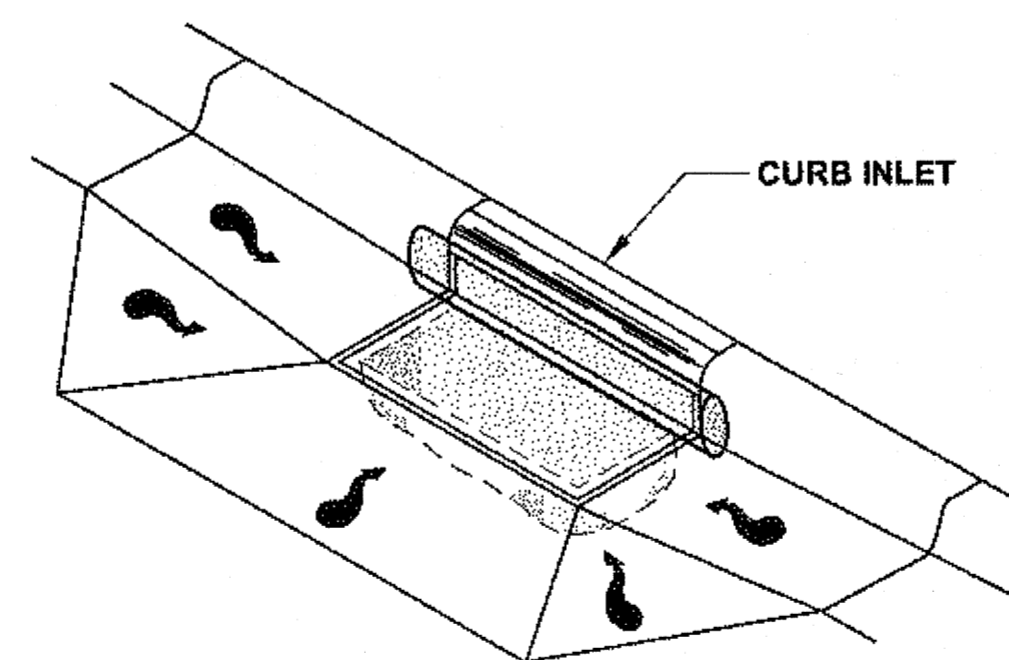
### EROSION & SEDIMENT CONTROL NOTES:

1. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR THE ENVIRONMENTAL COMMITMENTS.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A SWPPP ACCORDING TO SECTION 641 OF THE SPECS.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES AND COLD PLANING OR AS SPECIFIED ELSEWHERE.
4. MAINTAIN DEVICES. MONITOR DAILY. REMOVE SEDIMENT FROM SEDIMENT TRAPS WHEN 4" OF SEDIMENT HAS ACCUMULATED.
5. THE CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AT A LOCATION APPROVED BY THE ENGINEER.



**INLET PROTECTION DETAIL**

N.T.S.



**INLET PROTECTION DETAIL**

N.T.S.

**NOTE:**

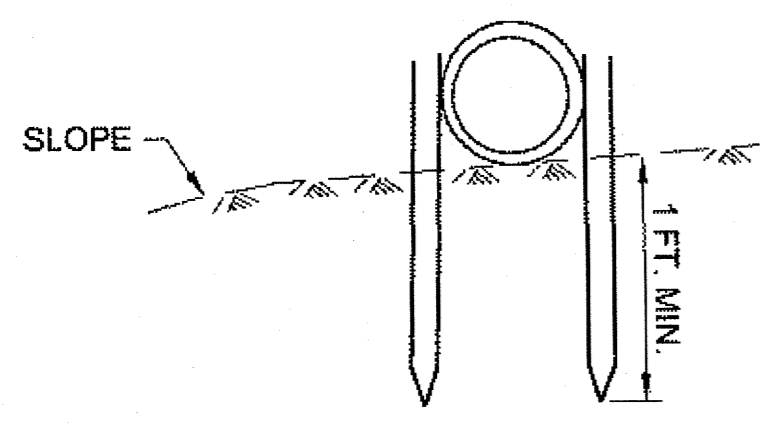
USE DANDY BAG OR APPROVED EQUAL.  
INSTALL INLET PROTECTION PRIOR TO BEGINNING WORK ACTIVITY.

CURB INLET PROTECTION TABLE		
STATION	OFFSET	REMARKS
53+21	✓ LT	
54+67	✓ LT	
56+67	✓ RT	
56+68	✓ LT	
59+85	✓ LT	NW CORNER OF MAIN & 6TH AVE.
60+37	✓ LT	NE CORNER OF MAIN & 6TH AVE.
60+37	✓ RT	
63+48	✓ LT	NW CORNER OF MAIN & 5TH AVE.
64+12	✓ LT	NE CORNER OF MAIN & 5TH AVE.
64+13	✓ RT	SE CORNER OF MAIN & 5TH AVE.
67+35	✓ LT	NW CORNER OF MAIN & 4TH AVE.
67+76	✓ LT	NE CORNER OF MAIN & 4TH AVE.
67+87	✓ RT	
71+10	✓ LT	NW CORNER OF MAIN & 3RD AVE.
71+51	✓ LT	NE CORNER OF MAIN & 3RD AVE.
71+51	✓ RT	
74+85	✓ LT	NW CORNER OF MAIN & 2ND AVE.
74+85	✓ RT	SW CORNER OF MAIN & 2ND AVE.
75+28	✓ LT	NE CORNER OF MAIN & 2ND AVE.
76+25	✓ LT	
77+67	✓ LT	
77+67	✓ RT	
80+18	✓ RT	CATCH BASIN INLET FRAME REPLACEMENT
80+42	✓ LT	
54+60	✓ LT	
56+50	✓ RT	

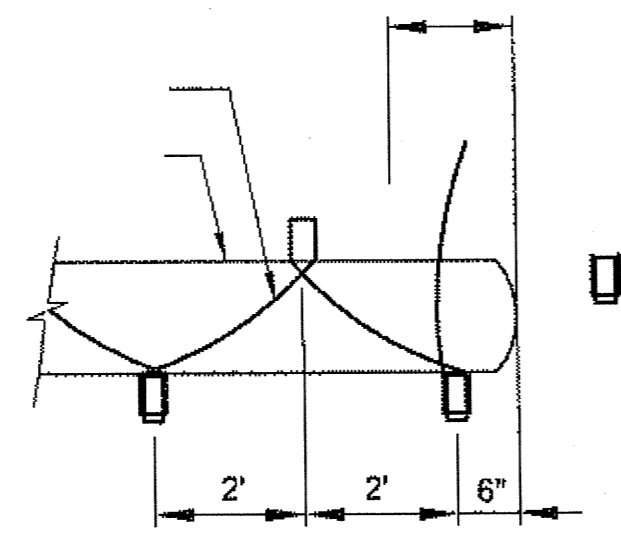
Project As-Built Drawings have been reviewed by the Project Engineer and presented to the best of my knowledge, the project as constructed.  
Date: 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN 	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>HNS: ALLEN ROAD &amp; MAIN STREET PAVEMENT REHABILITATION PROJECT #69568</b>  <b>EROSION &amp; SEDIMENT CONTROL DETAILS</b>																				
DESIGNED BY: D. RYDER & D. MULLINER DRAWN BY: D. MULLINER	PATH: Q:\HNS\69568\END\DOUG'S PLANSET\DOUG'S_P8-P9_EROSION & SEDIMENT PLANS.DWG TAB: P8      Wednesday, September 21, 2011 2:36:57 PM      ELLIS, GARY M (DOT)																				
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION							<table border="1" style="width: 100%;"> <thead> <tr> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> </thead> <tbody> <tr> <td>STP-000S(753)-69568</td> <td>2011</td> <td>P8</td> <td>43</td> </tr> </tbody> </table>	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	STP-000S(753)-69568	2011	P8	43
REVISIONS																					
NO.	DATE	DESCRIPTION																			
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																		
STP-000S(753)-69568	2011	P8	43																		

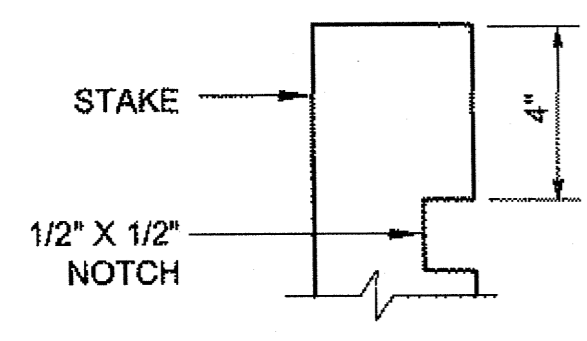


**SECTION**

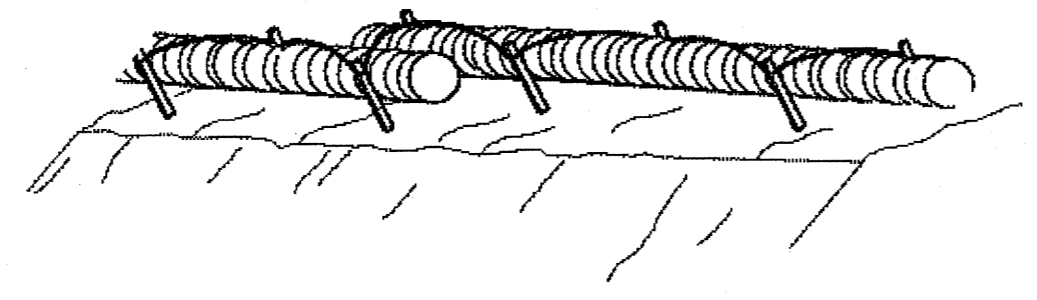


**PLAN**

**FIBER ROLL (TYPE 2)**



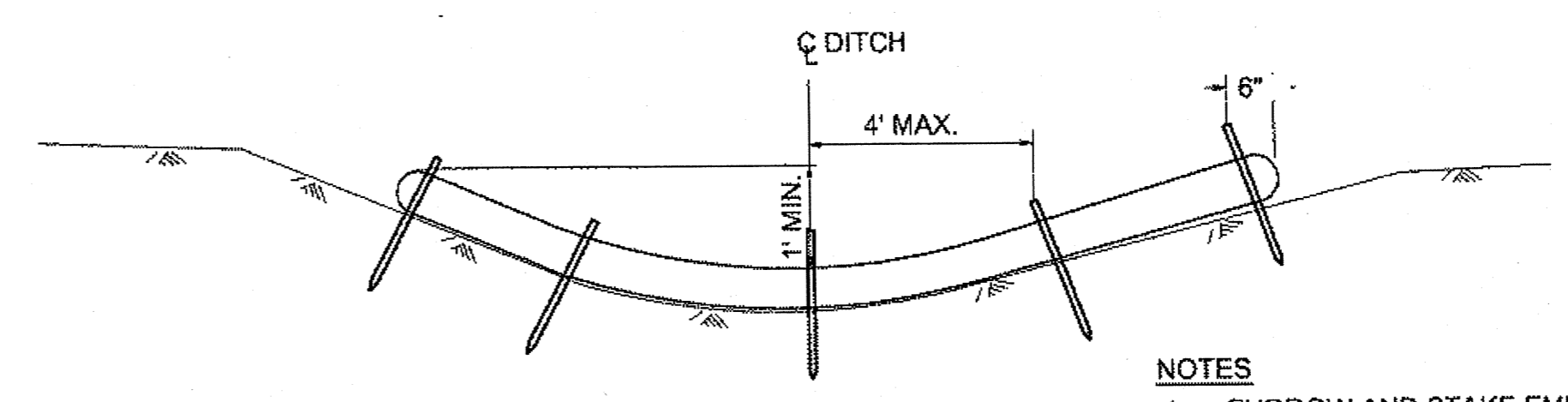
**STAKE**



**PERSPECTIVE**

**TYPICAL FIBER ROLL DETAIL**

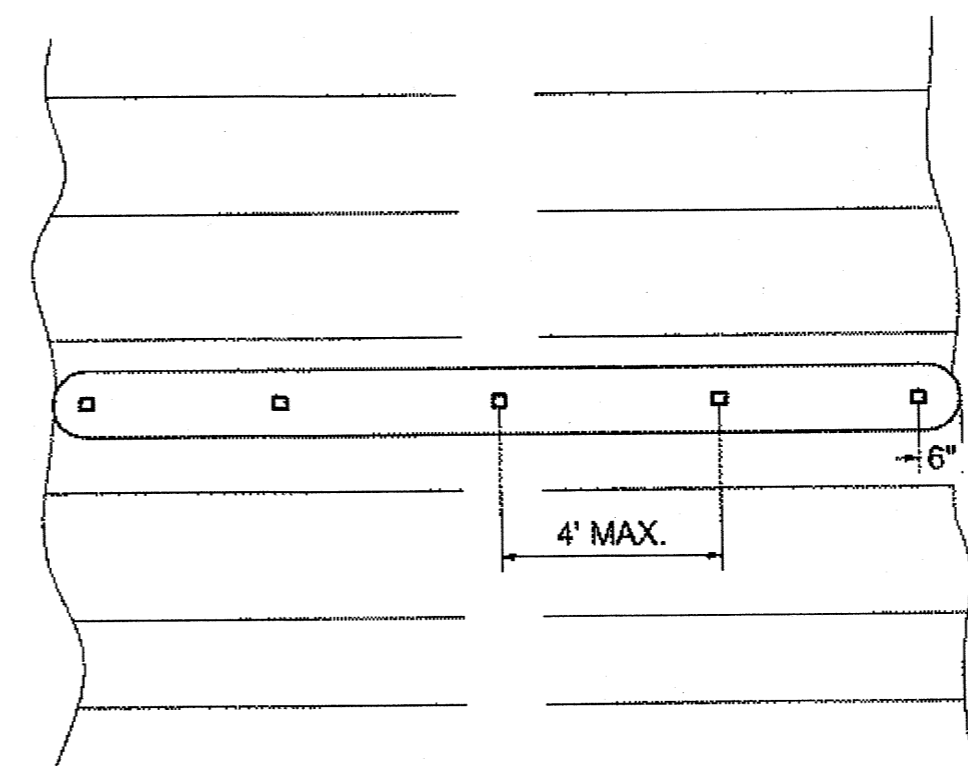
**FIBER ROLL (TYPE 2)**



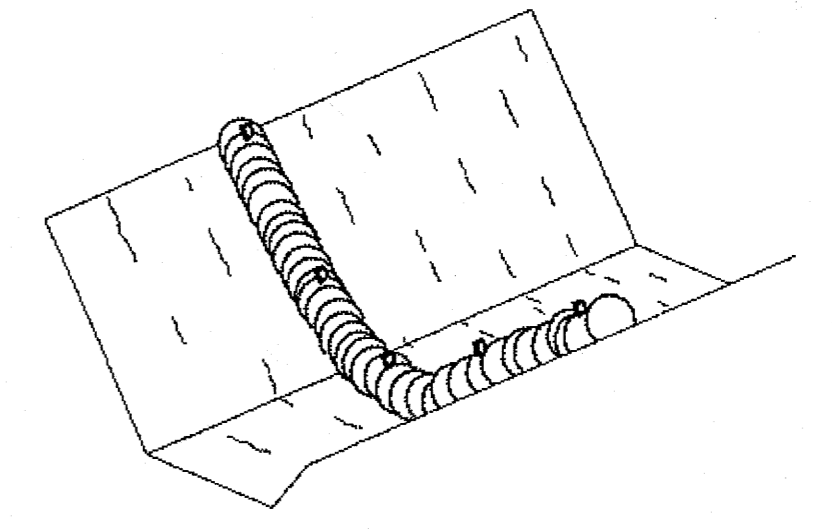
**SECTION**

**NOTES**

1. FURROW AND STAKE EMBEDMENT ARE THE SAME AS FIBER ROLL (TYPE 1).
2. START STAKE INSTALLATION WITH STAKE IN THE CENTER AND STAKES 6" FROM EACH END. EQUALLY SPACE REMAINING STAKES A MAXIMUM OF 4' O.C.

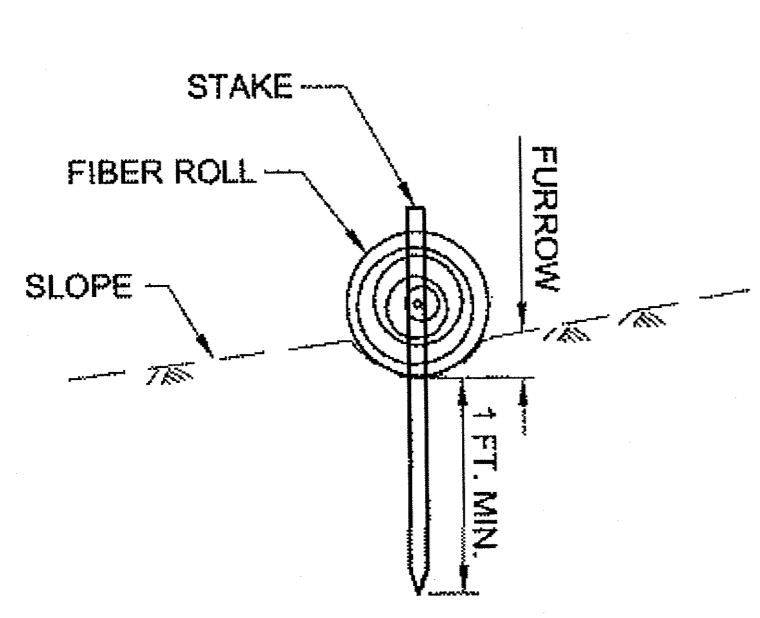


**PLAN**

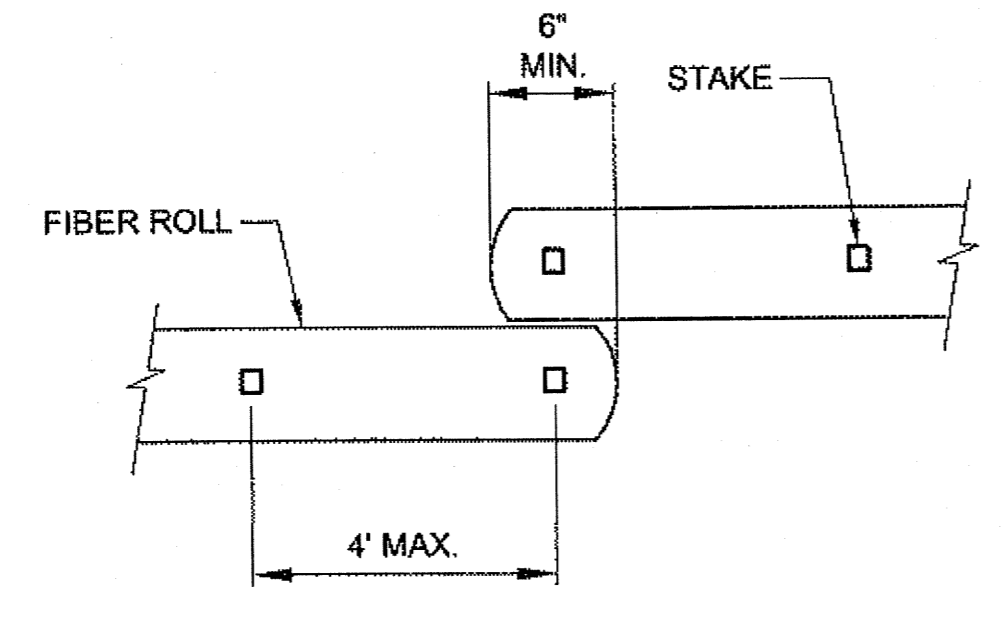


**PERSPECTIVE**

**FIBER ROLL DITCH CHECK**

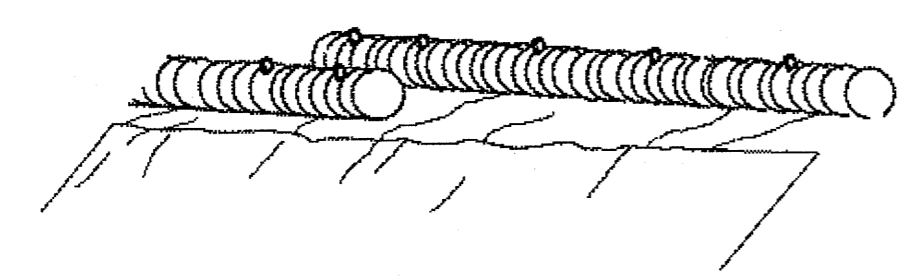


**SECTION**



**PLAN**

**FIBER ROLL (TYPE 1)**



**PERSPECTIVE**

**FIBER ROLL (TYPE 1)**

**FIBER ROLL DETAILS**

N.T.S.

**GENERAL NOTES:**

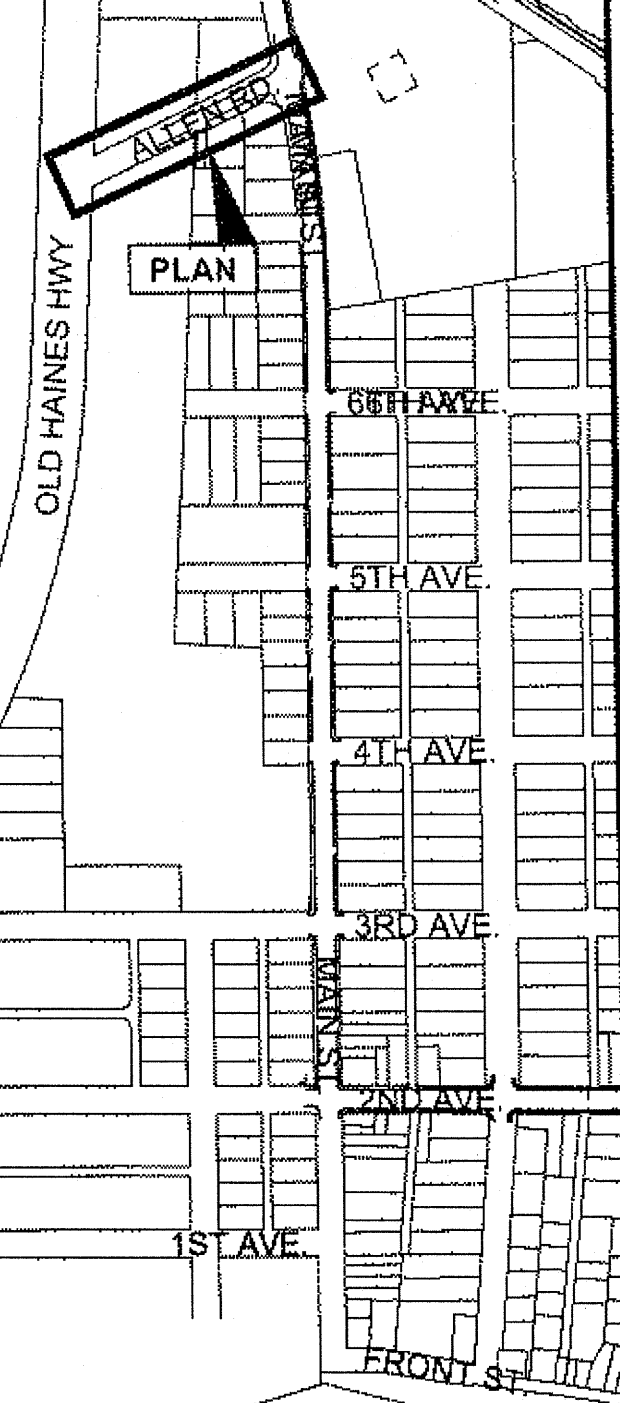
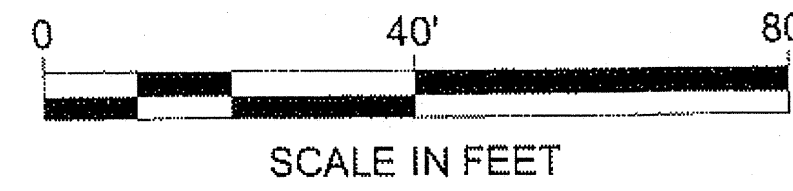
1. REFER TO APPENDIX B OF THE SPECIAL PROVISIONS FOR THE ENVIRONMENTAL COMMITMENTS.
2. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.
3. THE LOCATIONS OF TEMPORARY EROSION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

Project As-Built Drawings have been reviewed by the Project Engineer and presented to the best of my knowledge, the project as constructed.  
Date 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. KARPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION				
DESIGNED BY: D. RYDER & D. MULLINER DRAWN BY: D. MULLINER		<b>HNS: ALLEN ROAD &amp; MAIN STREET PAVEMENT REHABILITATION PROJECT #69568</b>				
PATH: Q:\HNS\69568\BENJOU'S PLANSET\DOUG'S_P8-P9_EROSION & SEDIMENT PLANS.DWG TAB: P9 Wednesday, September 21, 2011 2:37:15 PM ELLIS, GARY M (DOT)		<b>EROSION &amp; SEDIMENT CONTROL DETAILS</b>				
NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-000S(753)-69568	2011	P9	43

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

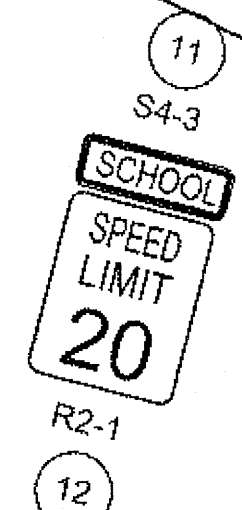
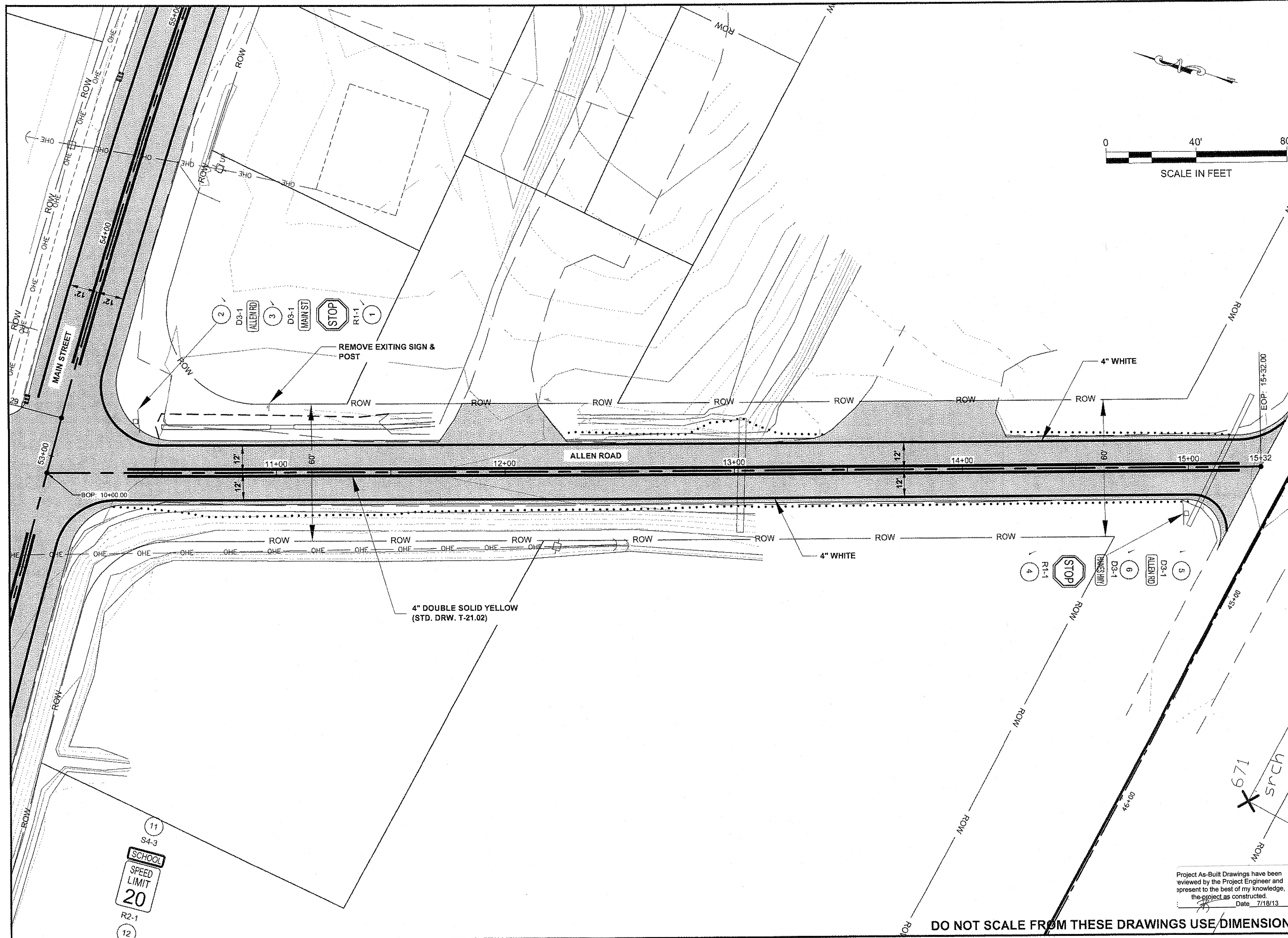
CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568**  
 SIGNING AND STRIPING  
 ADDENDUM NO. 1.

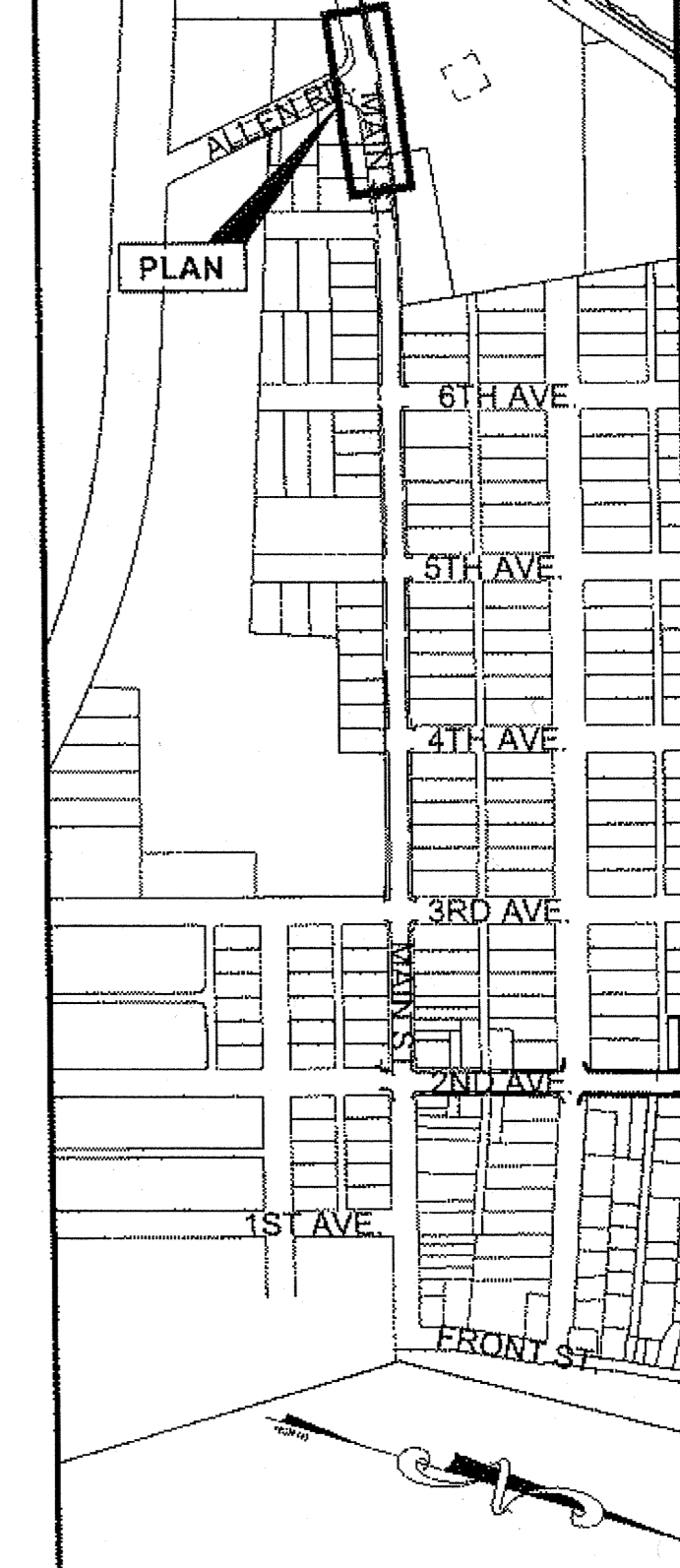
PROJECT DESIGNATION	
<b>STP-000S(753)-69568</b>	
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>R1</b>	<b>45</b>

Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
 Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

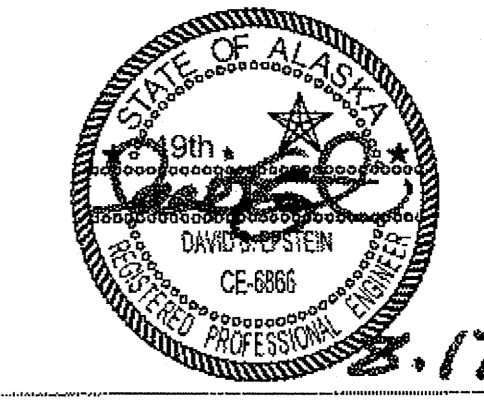


RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: D. EPSTEIN



DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

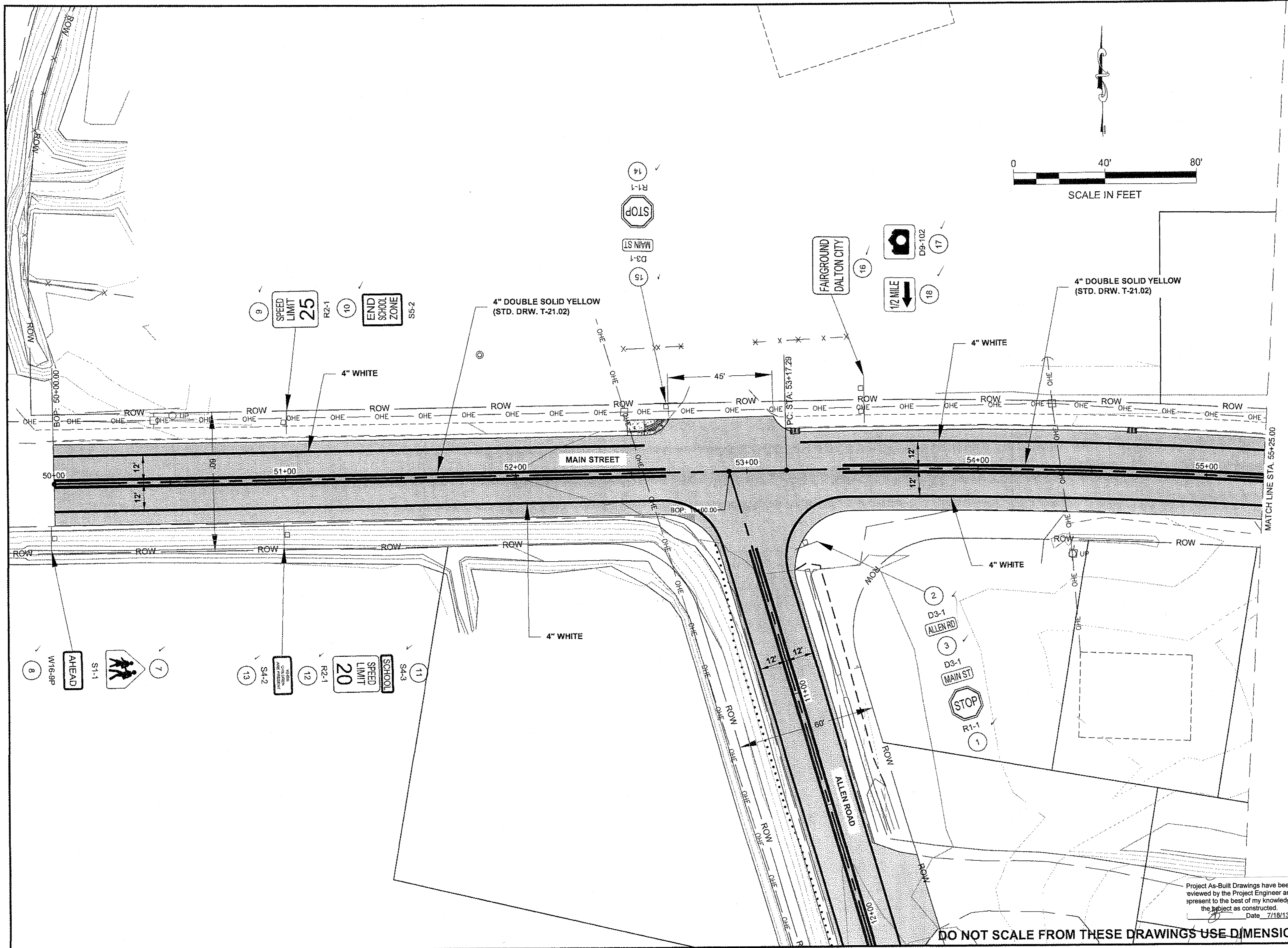
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568  
 SIGNING AND STRIPING**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
<b>ALASKA</b>	<b>2011</b>

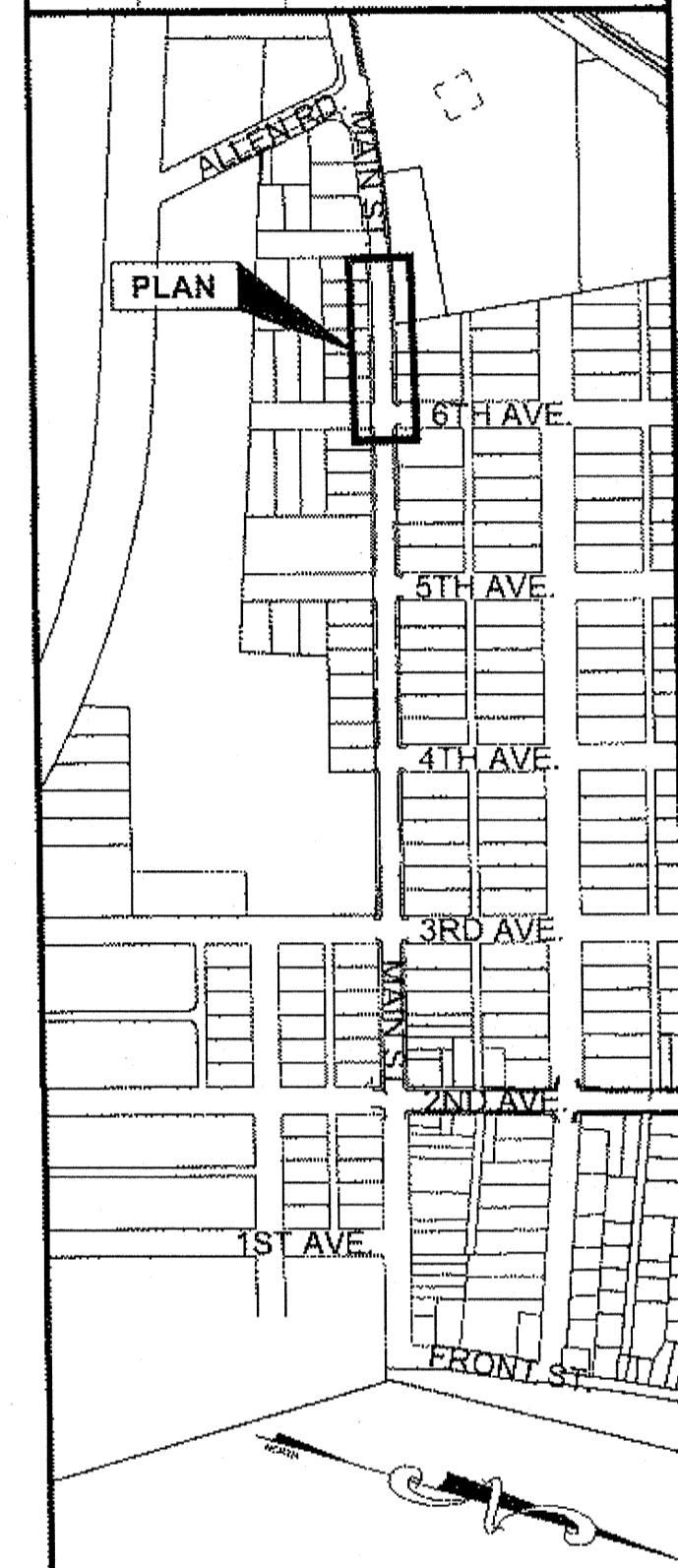
SHEET NUMBER	TOTAL SHEETS
<b>R2</b>	<b>45</b>



Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
 Date 7/18/13

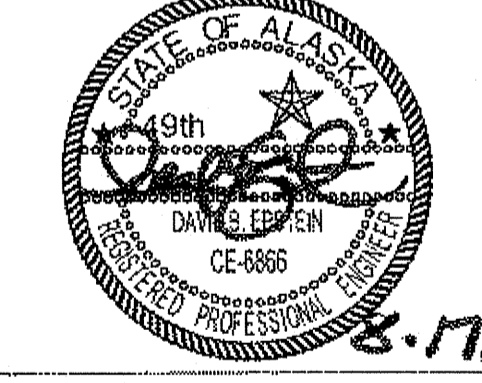
**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: D. EPSTEIN



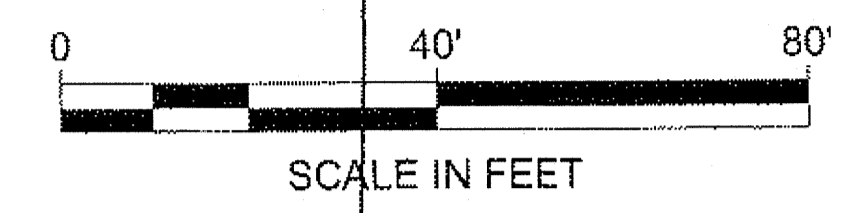
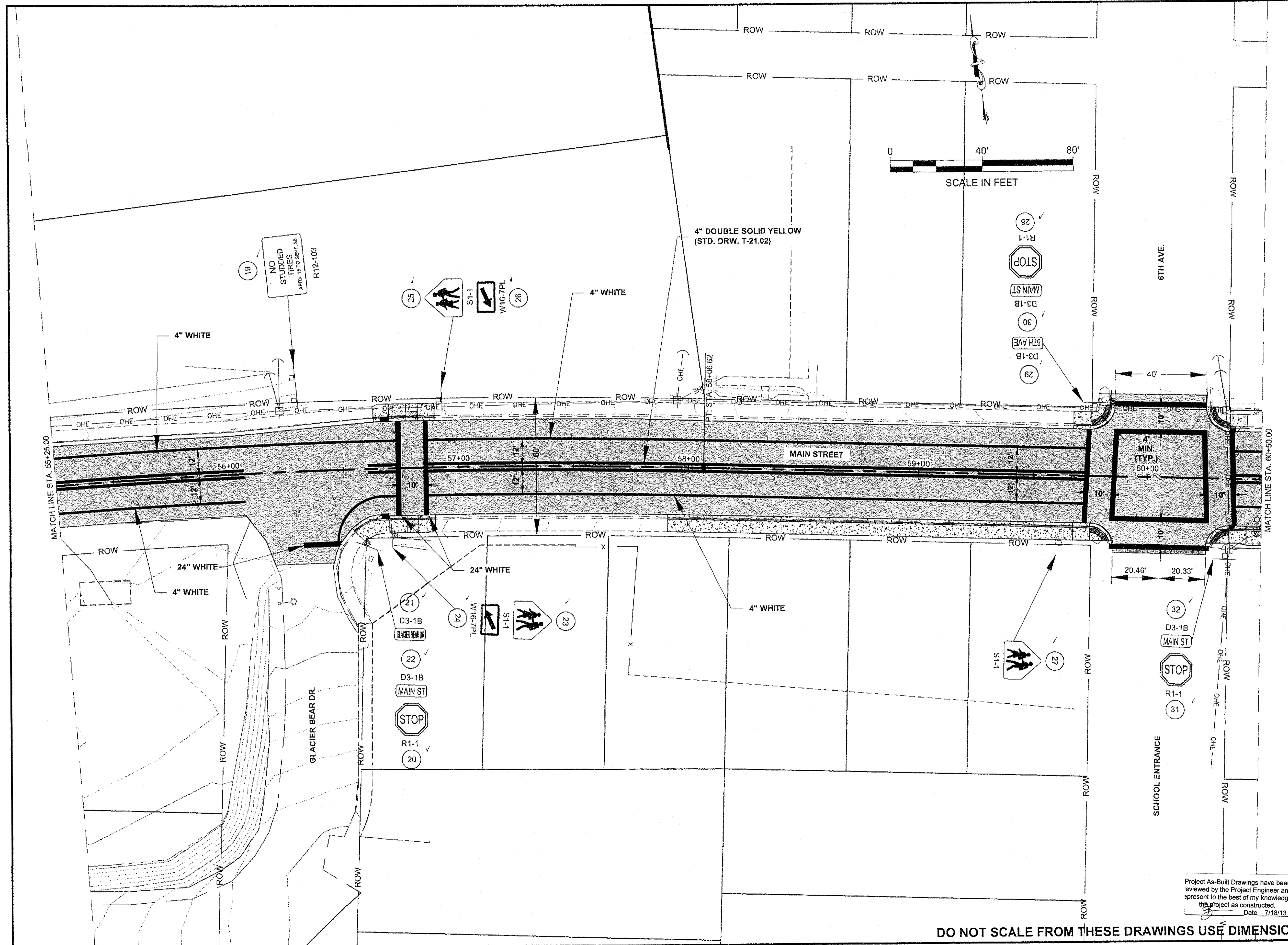
DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568  
 SIGNING AND STRIPING**

PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
ALASKA	2011
SHEET NUMBER	TOTAL SHEETS
R3	45



Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
 Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

PATH:Q:\HNS\69568\ENDDOUG'S PLANSET\NEW DOUG'S\_R\_STRIPING & SIGNS.DWG

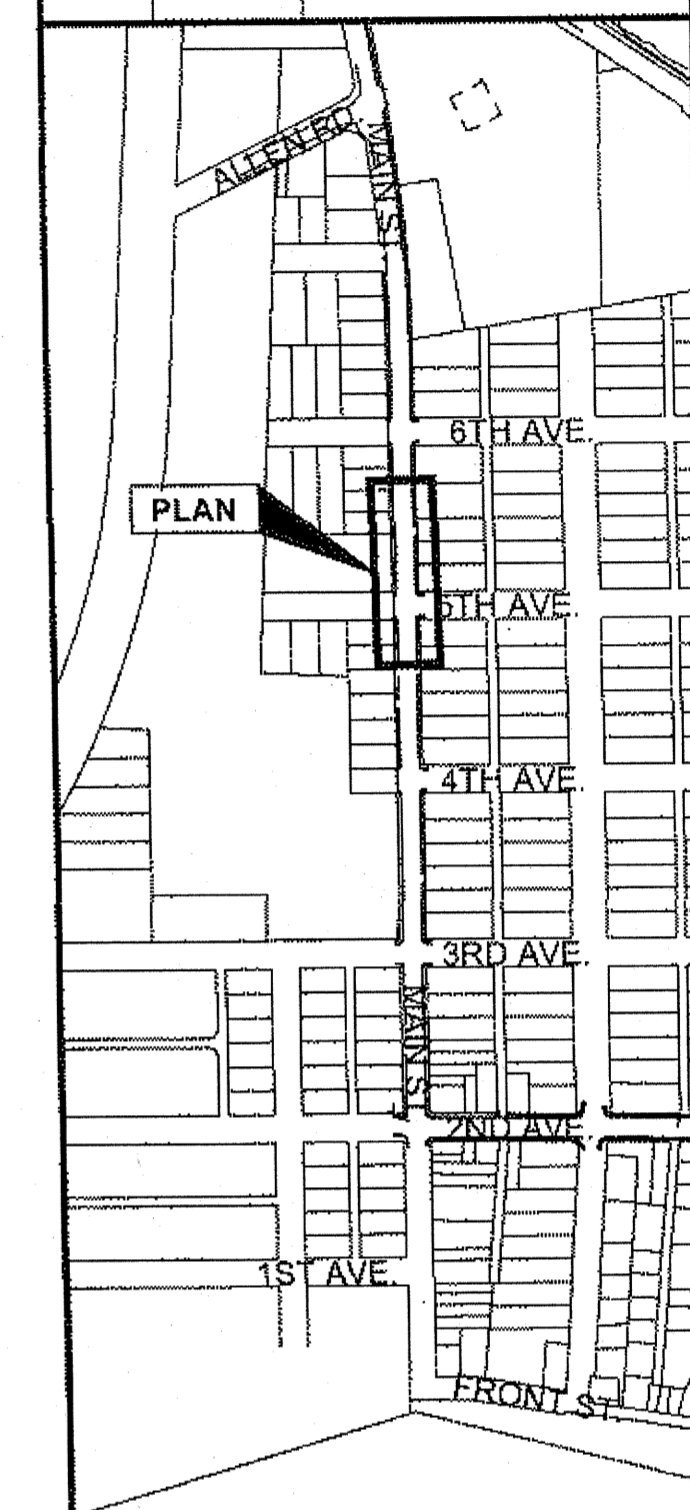
MULLINER, DOUGLAS J (DOT)  
 TAB: R4 Friday, August 12, 2011 5:32:41 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER

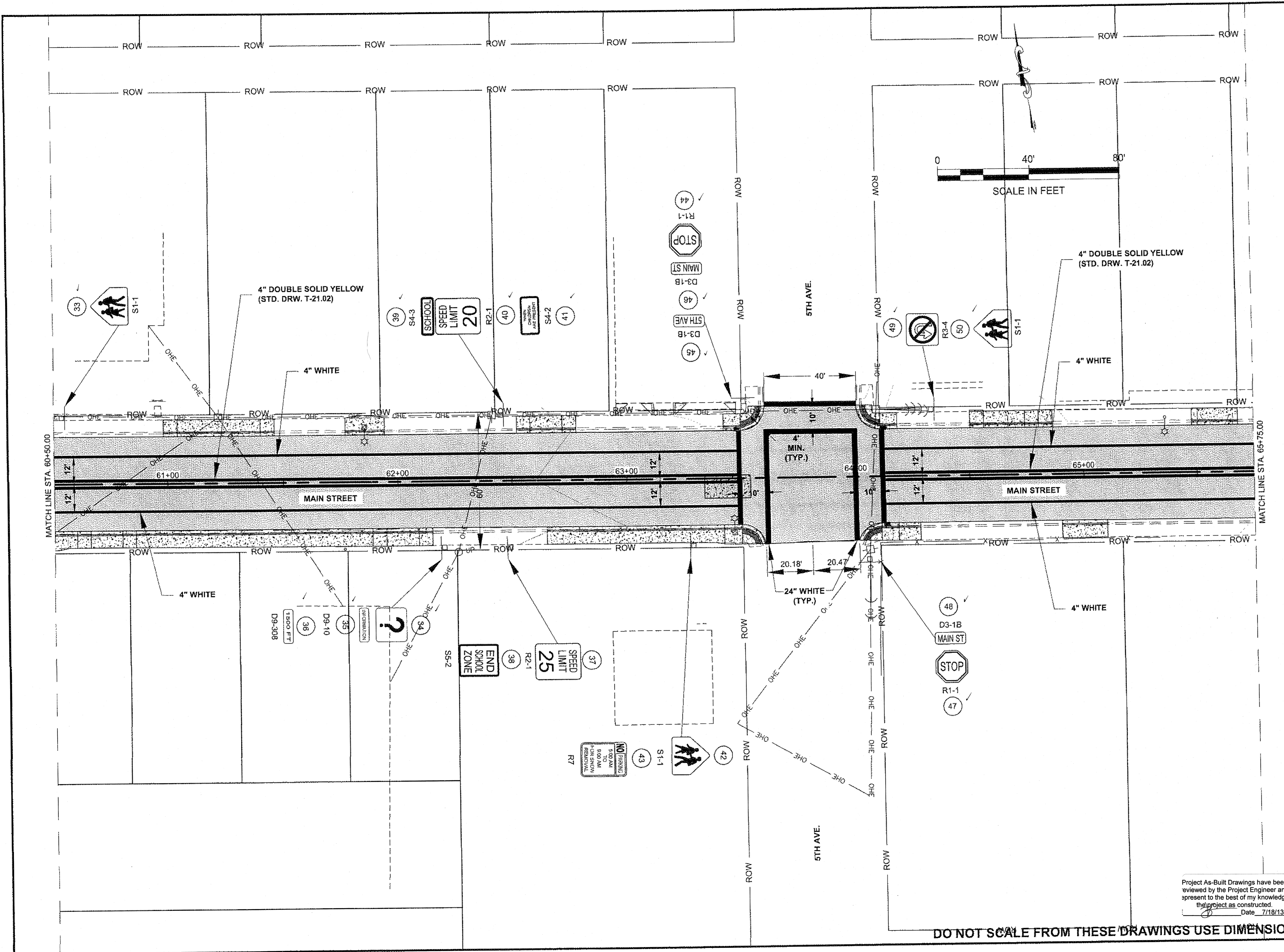
DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568  
 SIGNING AND STRIPING**

PROJECT DESIGNATION  
**STP-000S(753)~69568**

STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>R4</b>	<b>45</b>



Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
 Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**



PATH: Q:\HNS\09568\EN\DOUG'S PLANSET\NEW DOUG'S\_R\_STRIPING & SIGNS.DWG

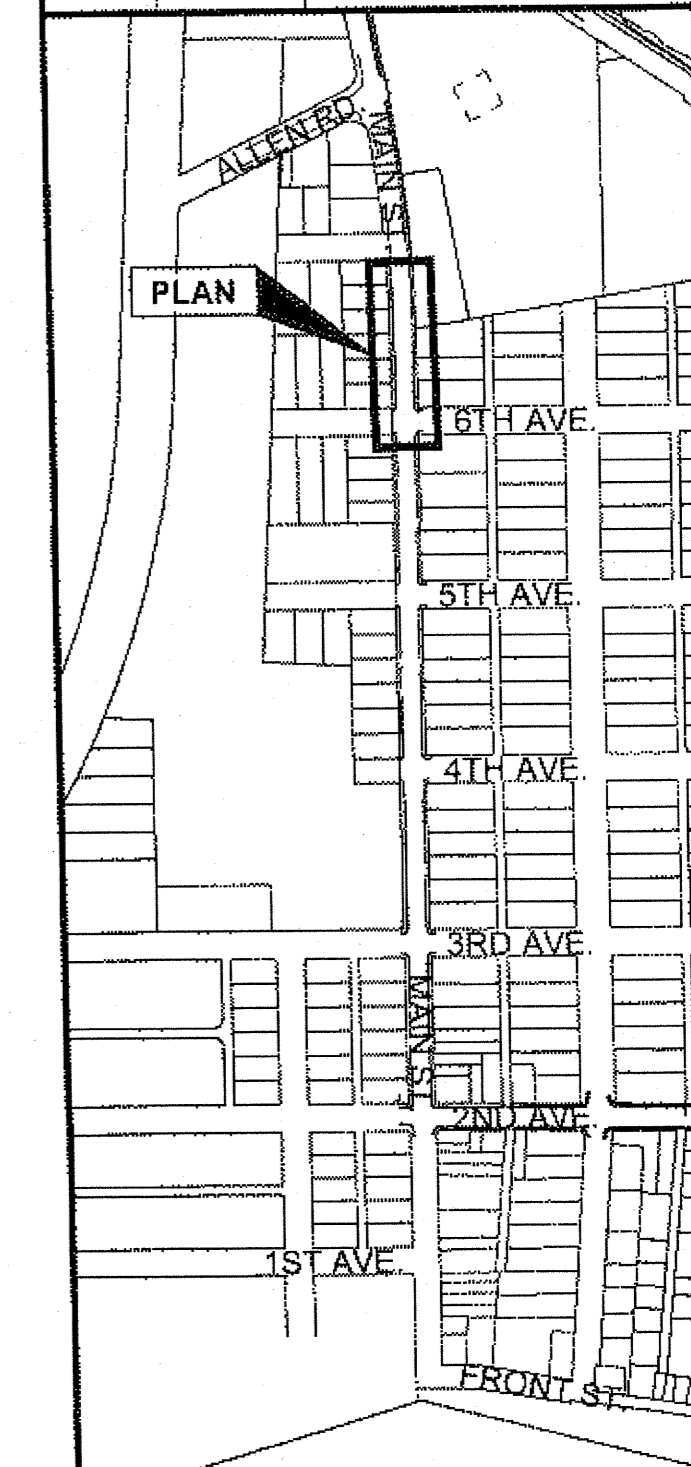
MULLINER, DOUGLAS J. (DOT)  
 TAB: R5 Friday, August 12, 2011 5:32:55 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

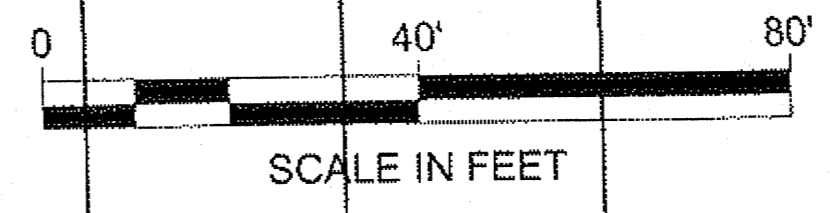
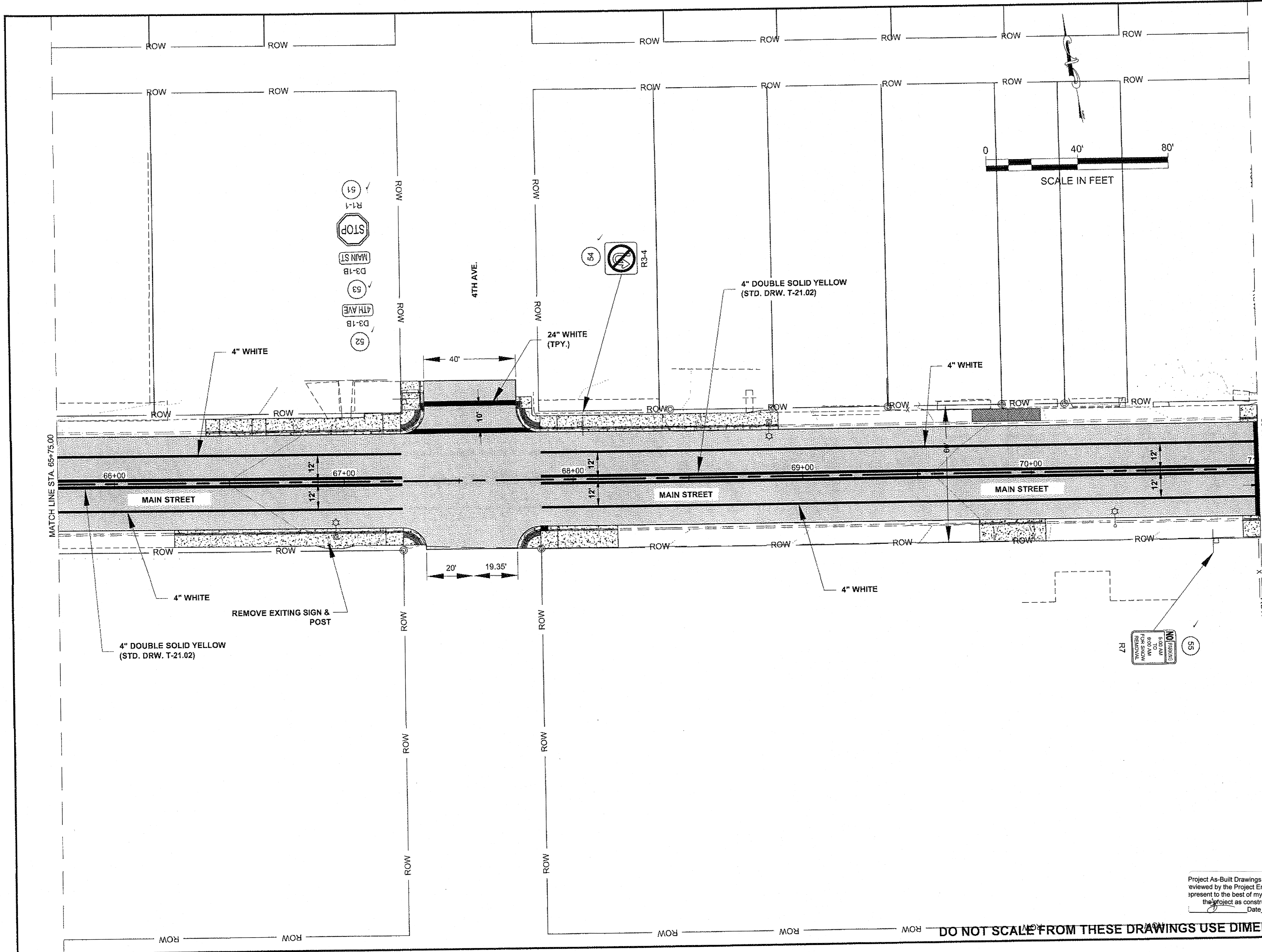
**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568  
 SIGNING AND STRIPING**

PROJECT DESIGNATION

**STP-000S(753)-69568**

STATE	YEAR
<b>ALASKA</b>	<b>2011</b>

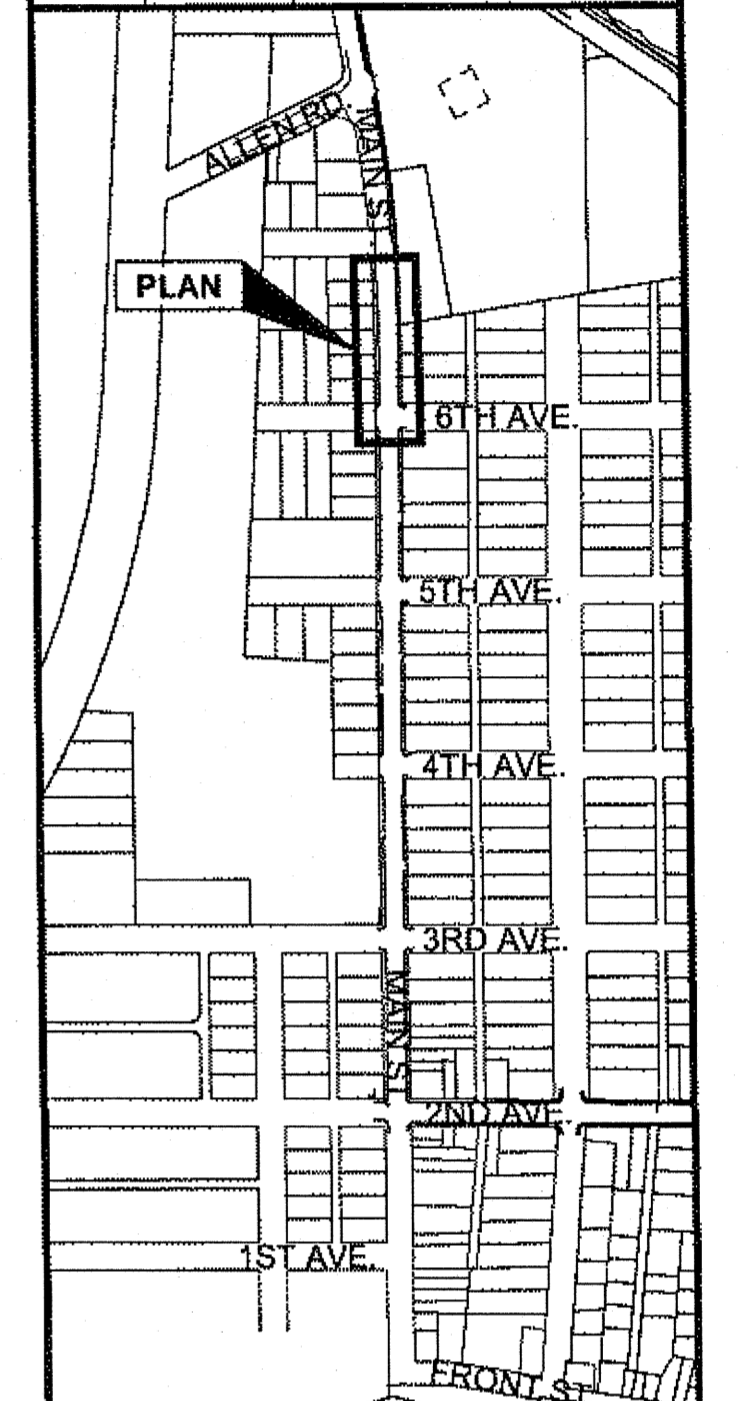
SHEET NUMBER	TOTAL SHEETS
<b>R5</b>	<b>45</b>



Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
 Date: 7/19/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

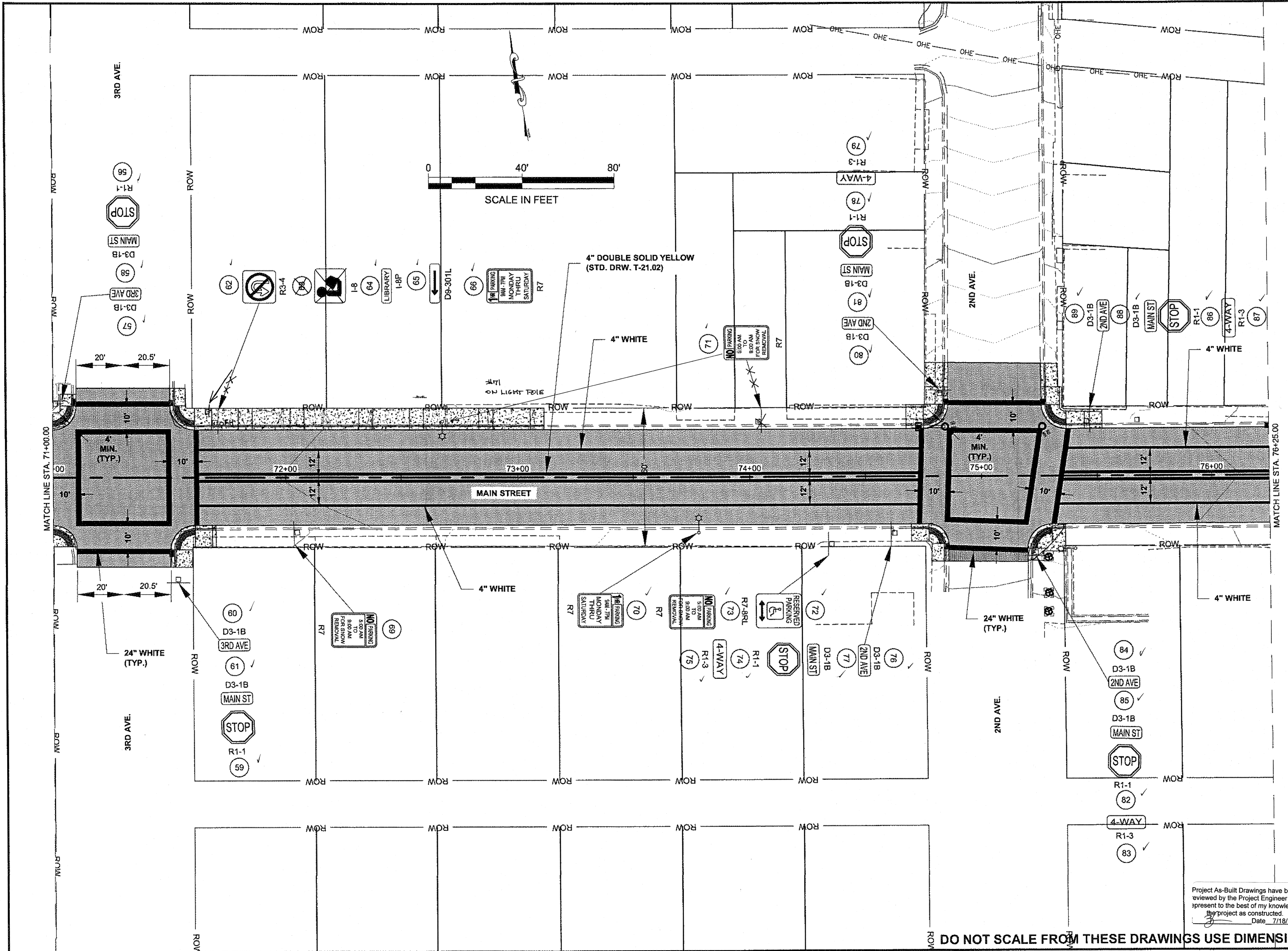


**PLAN LEGEND**

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. MULLINER  
 DRAWN BY: D. MULLINER  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION  
**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568**  
 SIGNING AND STRIPING

PROJECT DESIGNATION	
<b>STP-000S(753)-69568</b>	
STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>R6</b>	<b>43</b>



Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
 Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

PATH: Q:\HNS\69568\ENDDOUG'S PLANSET\NEW DOUG'S\_R\_STRIPING & SIGNS.DWG

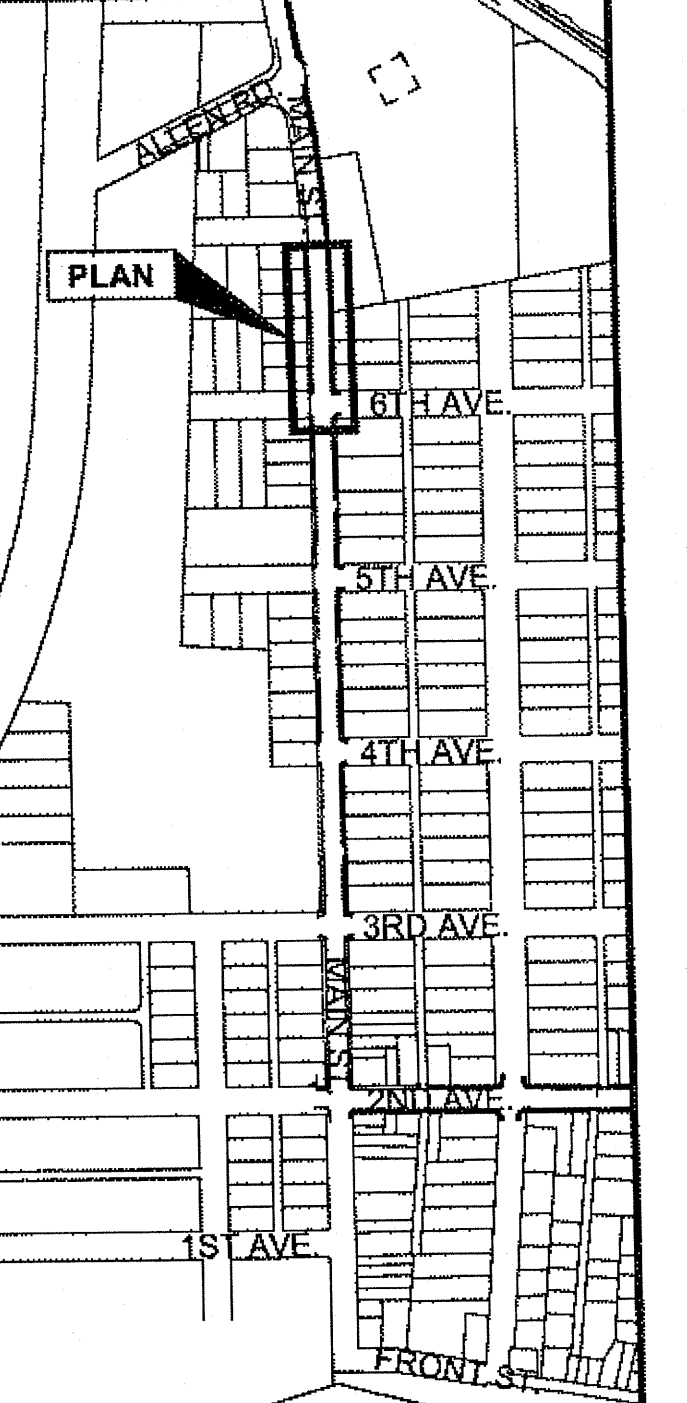
MULLINER, DOUGLAS J (DOT)  
 TAB: R7  
 Wednesday, August 17, 2011 9:29:56 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

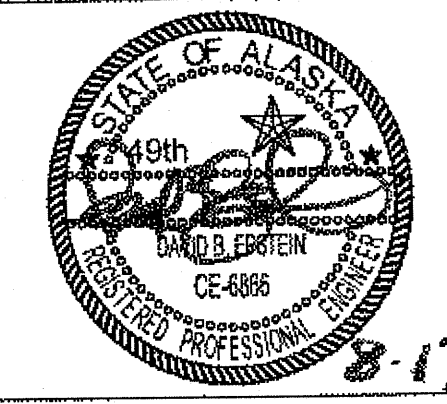
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



**PLAN LEGEND**

CHECKED BY: D. EPSTEIN



DESIGNED BY: D. MULLINER

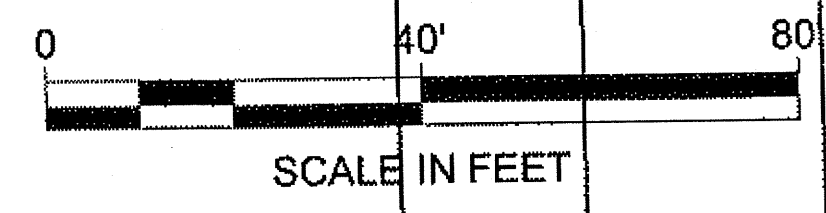
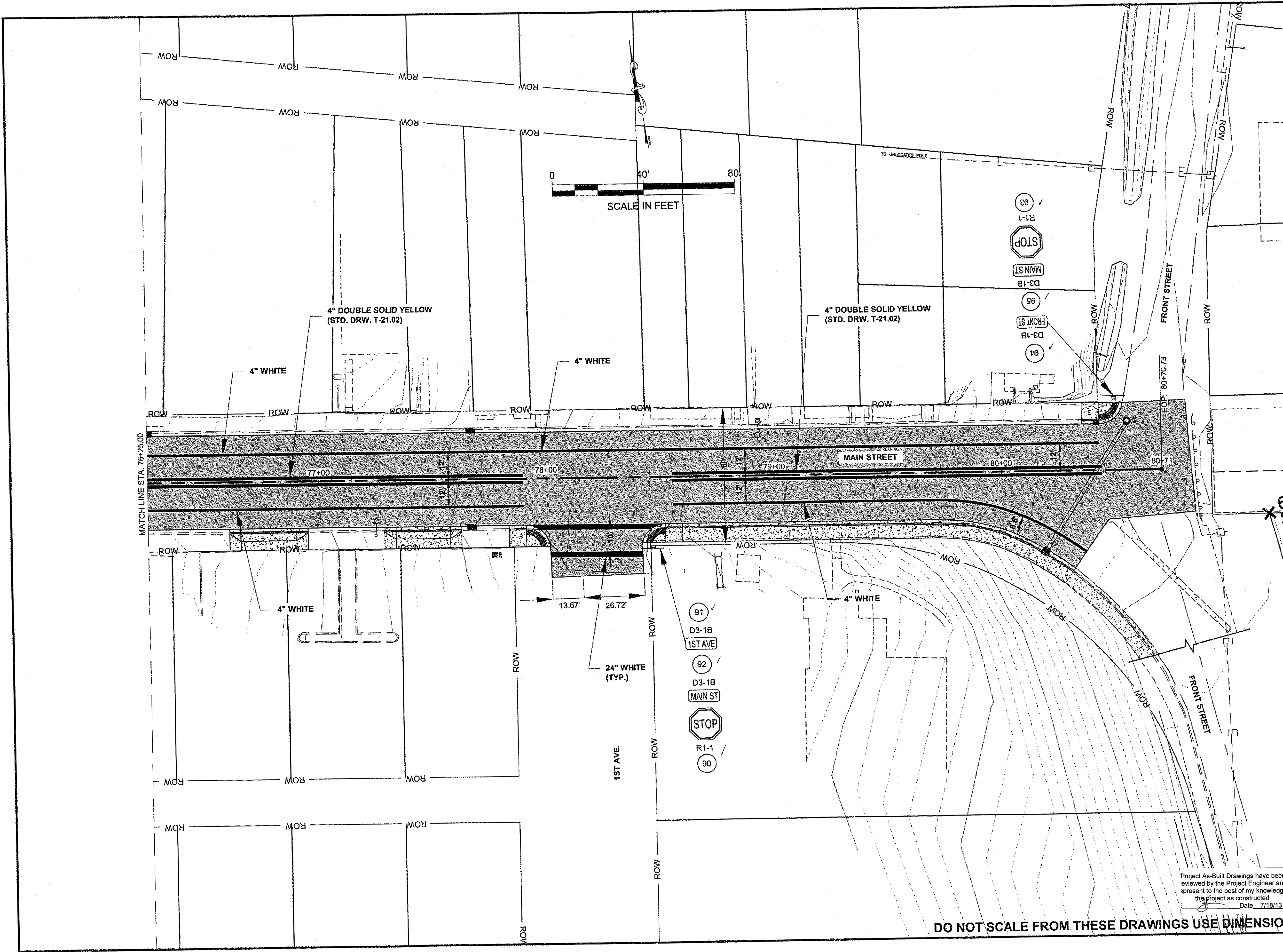
DRAWN BY: D. MULLINER

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 & PUBLIC FACILITIES  
 SOUTHEAST REGION

**HNS-ALLEN ROAD PAVEMENT  
 REHABILITATION  
 PROJECT #69568  
 SIGNING AND STRIPING**

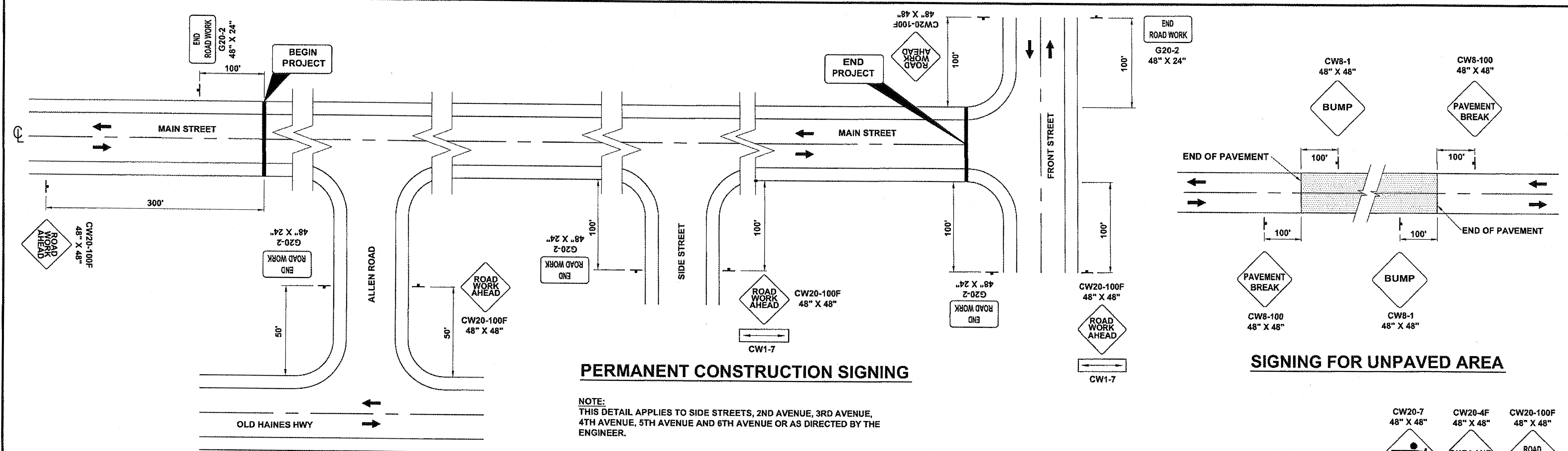
PROJECT DESIGNATION  
**STP-000S(753)-69568**

STATE	YEAR
<b>ALASKA</b>	<b>2011</b>
SHEET NUMBER	TOTAL SHEETS
<b>R7</b>	<b>43</b>



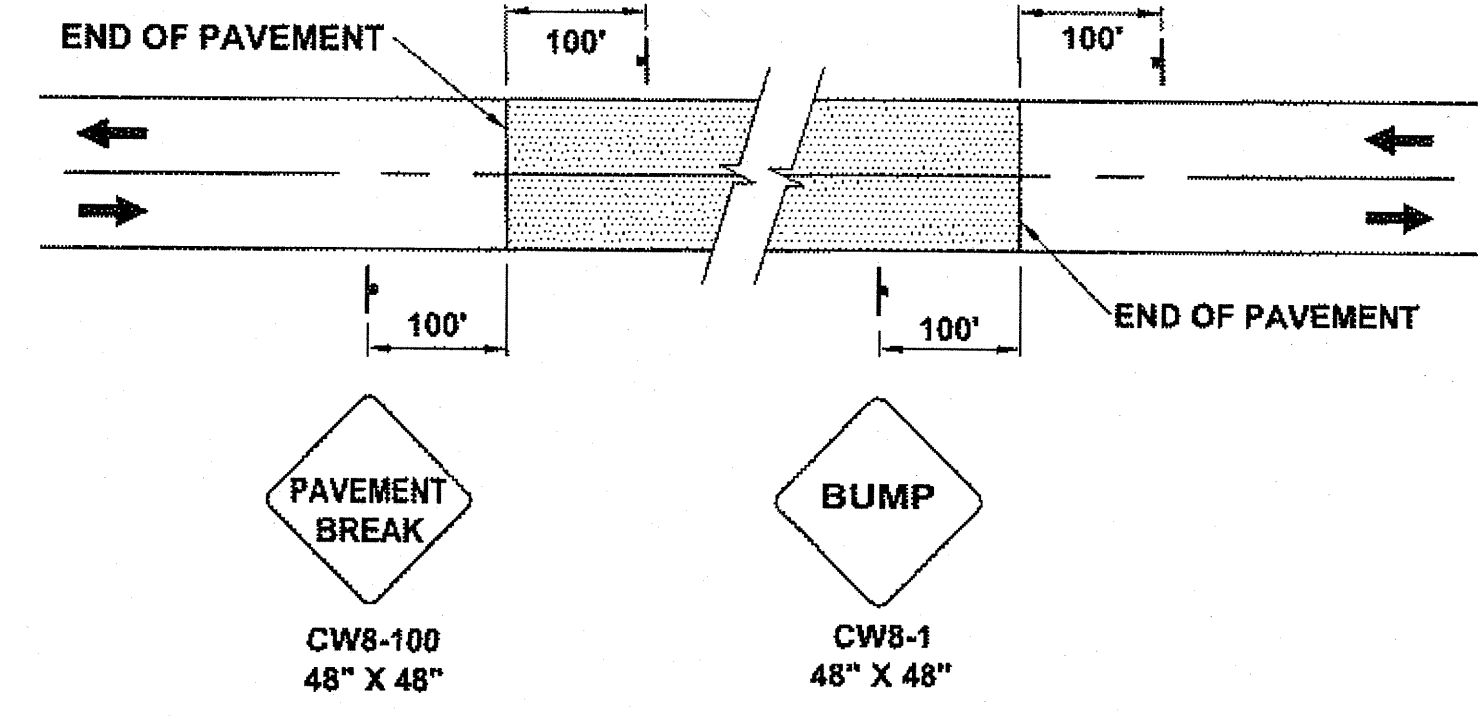
Project As-Built Drawings have been  
 reviewed by the Project Engineer and  
 present to the best of my knowledge,  
 the project as constructed.  
 Date 7/18/13

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

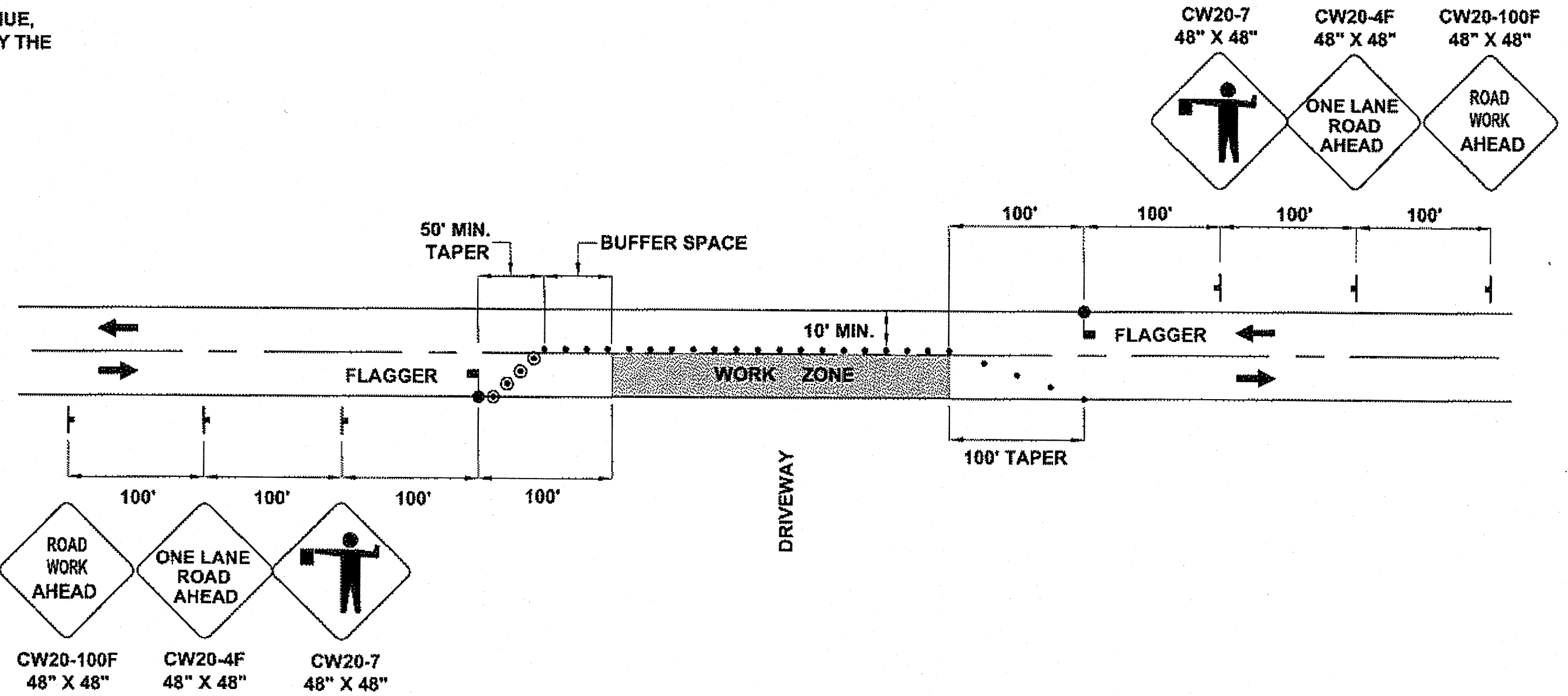


**PERMANENT CONSTRUCTION SIGNING**

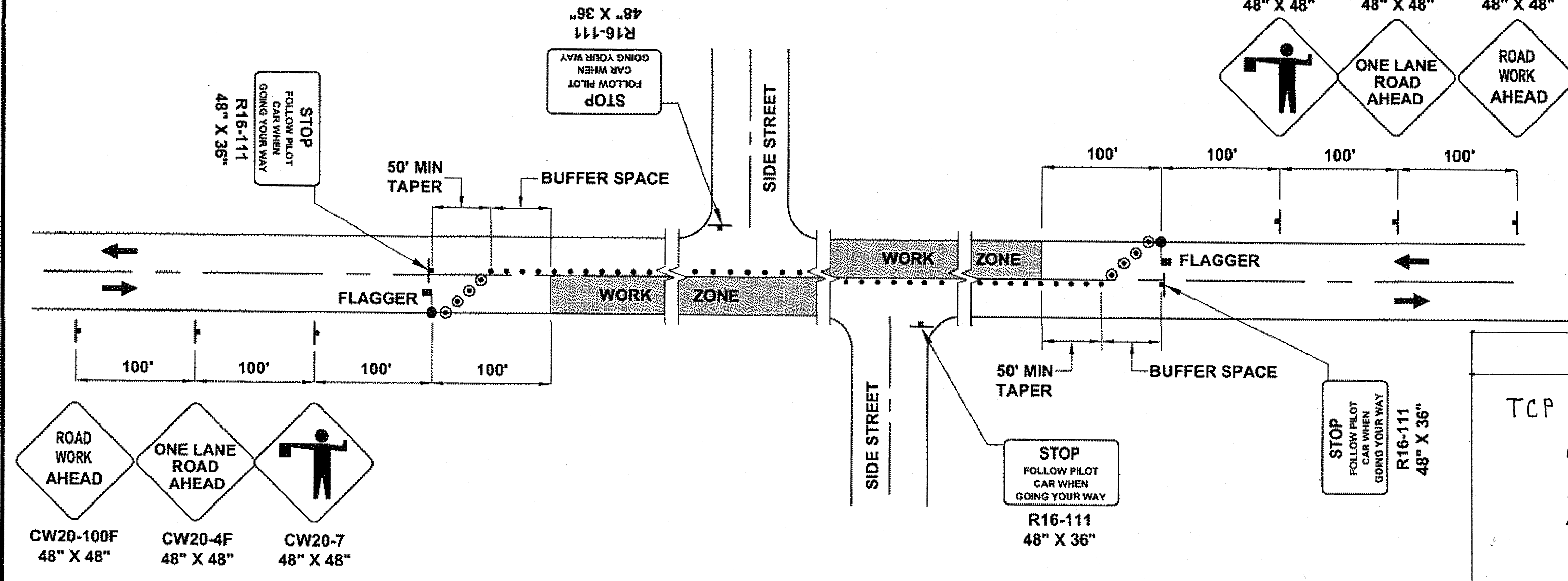
NOTE:  
THIS DETAIL APPLIES TO SIDE STREETS, 2ND AVENUE, 3RD AVENUE,  
4TH AVENUE, 5TH AVENUE AND 6TH AVENUE OR AS DIRECTED BY THE  
ENGINEER.



**SIGNING FOR UNPAVED AREA**



**TWO LANE ROADWAY-SINGLE LANE CLOSURE**



**SIGNAGE FOR LANE CLOSURE WITH PILOT CAR**

- PROJECT TRAFFIC CONTROL PLANS
- TCP 1 PERMANENT CONSTRUCTION SIGNS
  - 2 ROADWAY ENCROACHMENT
  - 3 SIDEWALK DETOUR
  - 4 TWO LANE ROADWAY - SINGLE LANE CLOSURE
  - 5 ALLEN ROAD CLOSURE

Project As-Built Drawings have been reviewed by the Project Engineer and present to the best of my knowledge, the project as constructed.  
Date: 7/18/13

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. RYDER & D. MULLINER  
DRAWN BY: D. MULLINER

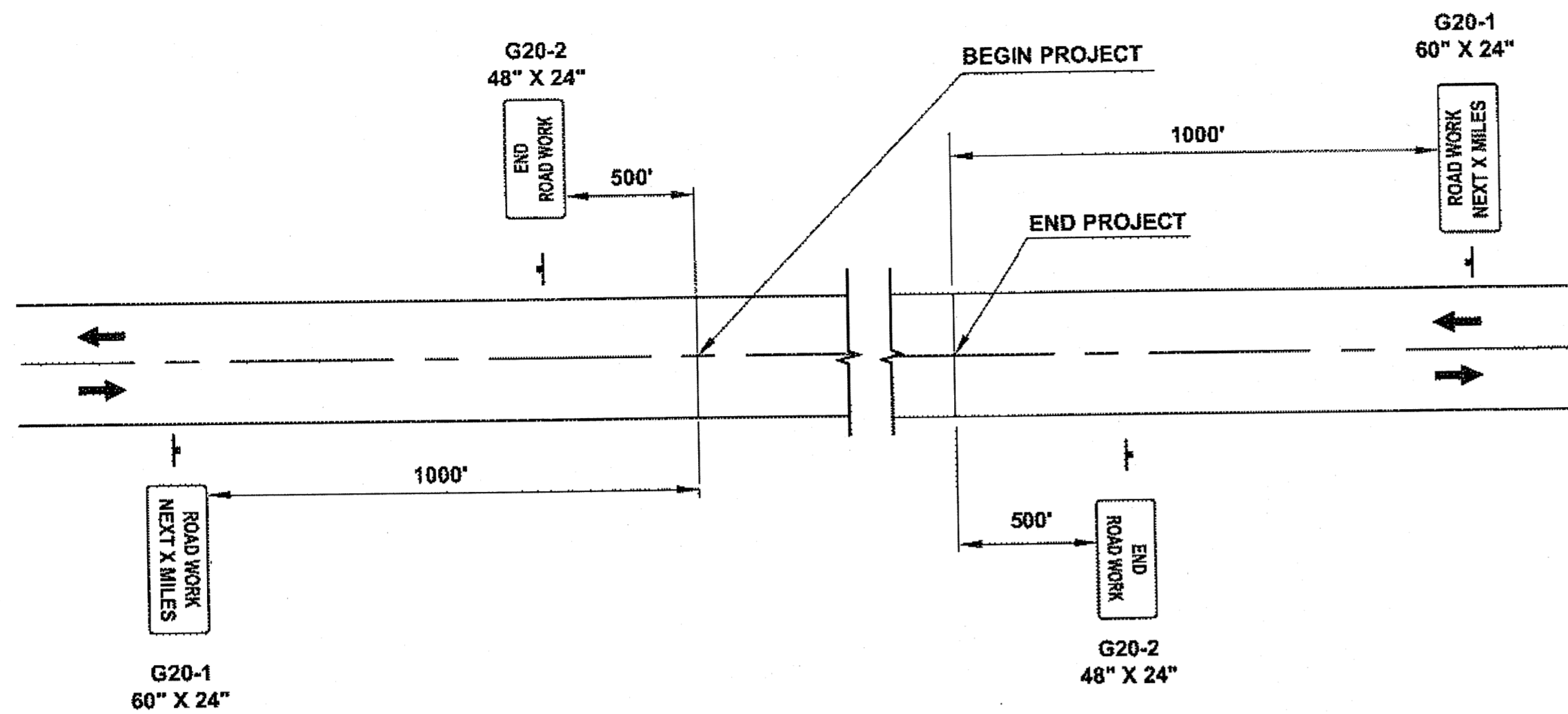
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

HNS: ALLEN ROAD & MAIN STREET  
PAVEMENT REHABILITATION  
PROJECT #69568

**TRAFFIC CONTROL PLAN**

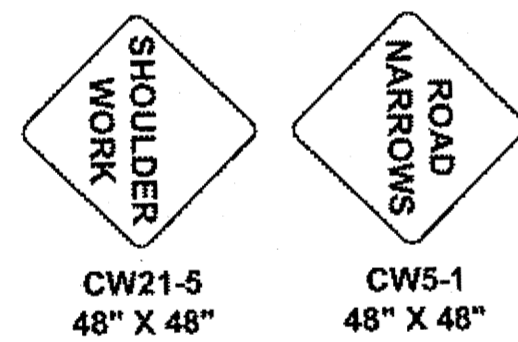
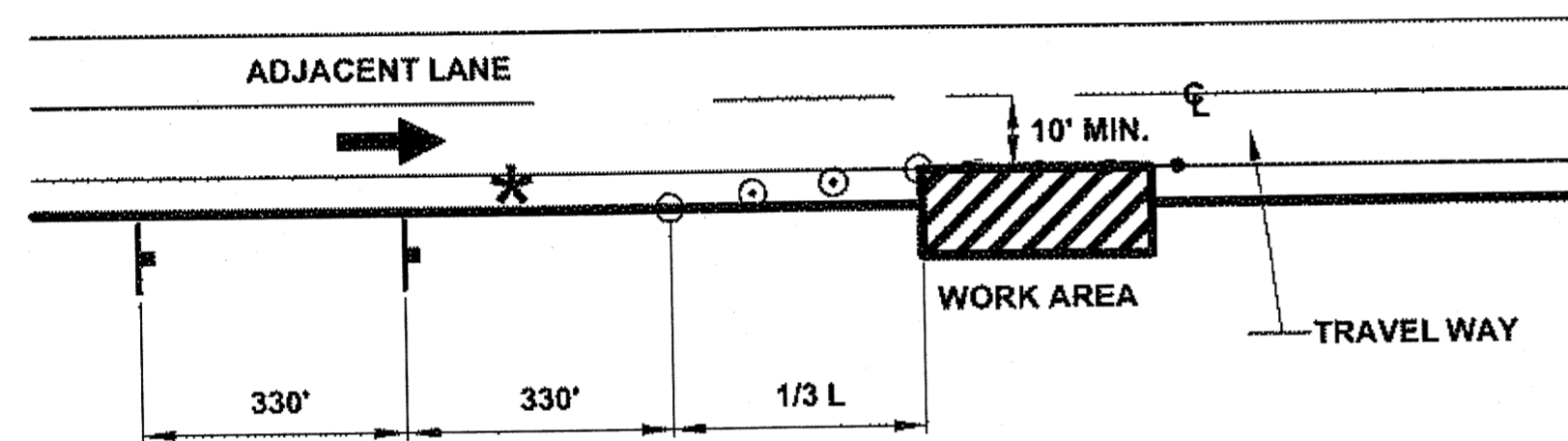
PATH: Q:\HNS\69568\ENDOU'S PLANSET\DOUGS\_S1-S3\_TCP.DWG  
TAB: S1 Wednesday, August 17, 2011 3:40:59 PM MULLINER, DOUGLAS J. (DOT)

NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-00S(753)-69568	2011	S1	43



**PERMANENT CONSTRUCTION SIGNING**

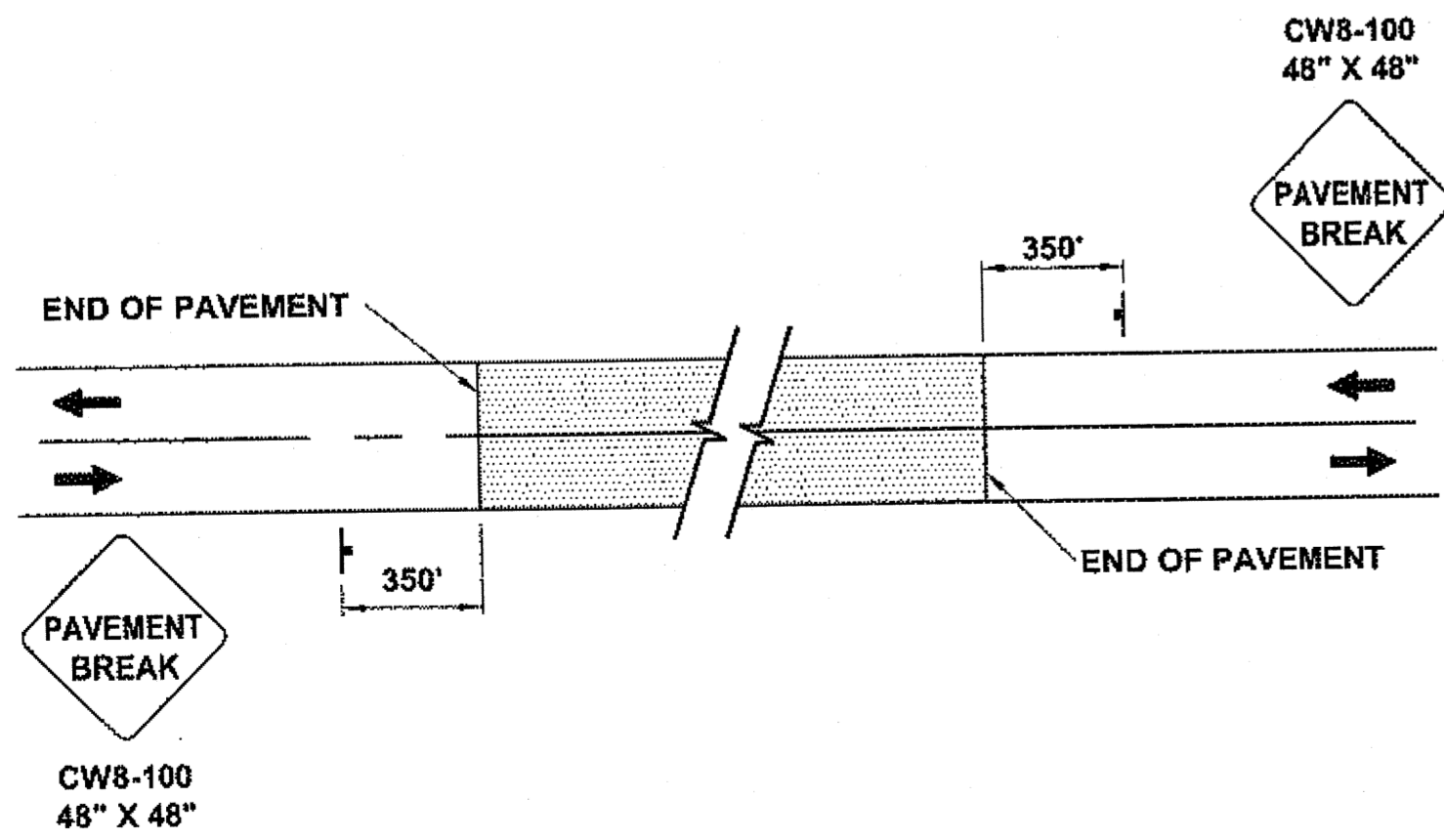
(SEE STD. DWG C-04.12 FOR DOUBLE FINE SIGNS)



\* NO PARKING WITHIN 200' OF CONES  
MAX. LENGTH OF WORK ZONE = 400'

**SHOULDER WORK**

N.T.S.



**SIGNING FOR UNPAVED AREA**

N.T.S.

**FORMULAS FOR L (TAPER LENGTH)**

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

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

WHERE W=WIDTH OF OFFSET  
S= POSTED SPEED LIMIT

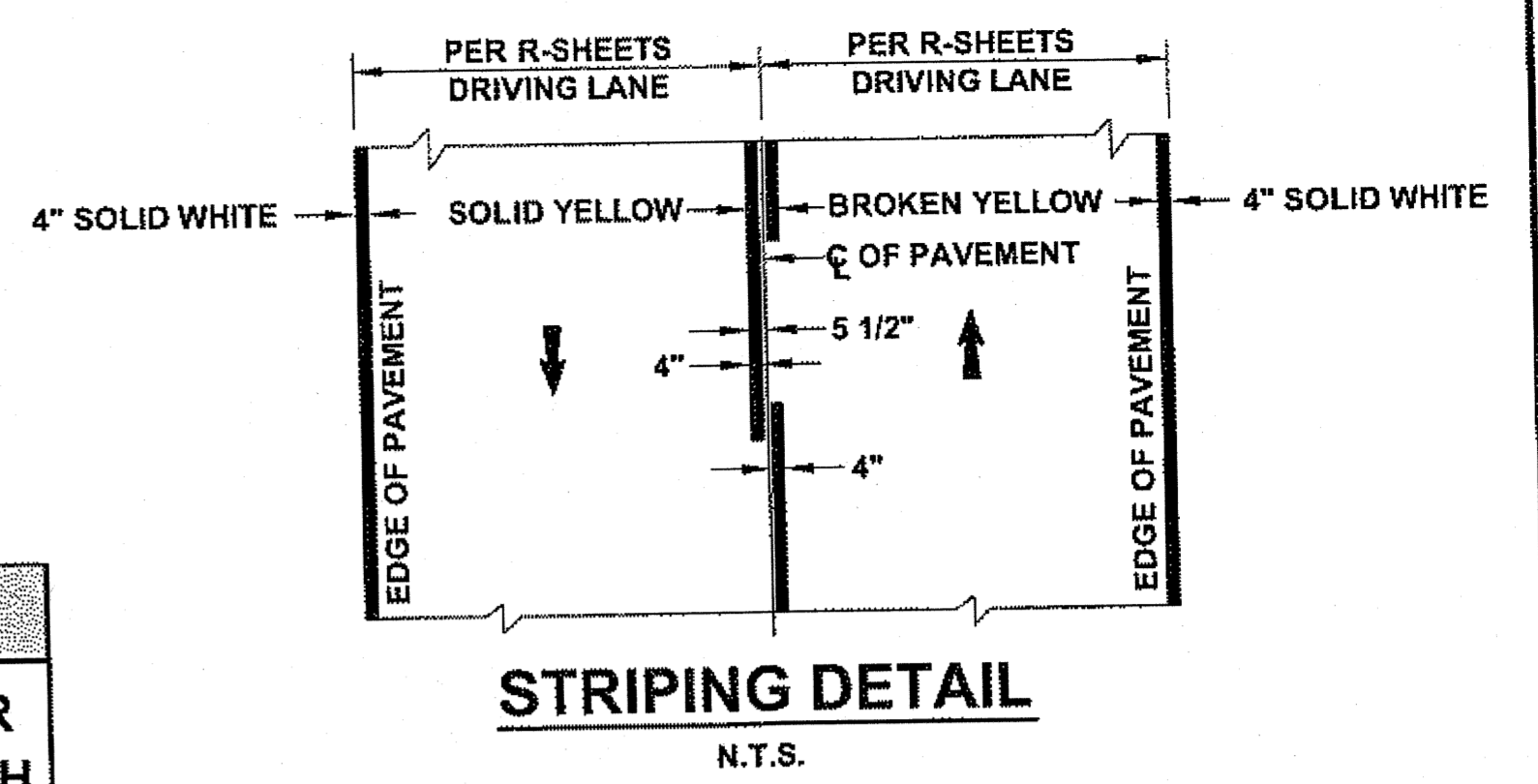
TCP TABLE SETUP			
SPEED (MPH)	BUFFER/LENGTH (FT.)	CONE/DRUM SPACING (FT.)	TAPER LENGTH
20	115	20	7:1
25	155	25	10:1
30	200	30	15:1
35	250	35	20:1

**LEGEND**

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

**TRAFFIC CONTROL NOTES:**

- IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATION NOT COVERED BY THIS TCP SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
- A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES IN WORK AREAS.
- TWO LANES SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS IN NON-WORK AREAS AND DURING NON-WORKING HOURS.
- DRIVING LANES SHALL BE A MINIMUM WIDTH OF 10'.
- TRAFFIC DELAYS SHALL NOT EXCEED 5 MINUTES.
- THE UNEVEN LANES (CW8-11) SIGN SHOULD BE USED DURING OPERATIONS THAT CREATE A DIFFERENCE IN ELEVATIONS BETWEEN ADJACENT LANES OF 2 INCHES OR GREATER.
- FLAGGER STATIONS NEED TO BE ILLUMINATED AT NIGHT.
- THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS/HER CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, GRINDING, PAVING AND CHANGES IN THE LANE CONFIGURATIONS.
- DRUM OR CONE SPACING NEEDS TO BE MAXIMUM 45' ALONG THE TAPER SECTION AND 90' ALONG THE TANGENT, USING A MINIMUM OF 11 DEVICES.
- FOR LOCATION OF DOUBLE TRAFFIC FINE SIGNS SEE ALASKA STANDARD DRAWING C-04.12.



**STRIPING NOTE:**

- CONTRACTOR STRIPING SHALL BE LIMITED TO AREAS RECEIVING PAVEMENT REHABILITATION. THE CONTRACTOR IS RESPONSIBLE TO RE-STRIP THAT IS OBLITERATED DUE TO CONSTRUCTION ACTIVITIES.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
PE Date 7/18/13

CHECKED BY: D. EPSTEIN

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHEAST REGION

HNS: ALLEN ROAD & MAIN STREET  
PAVEMENT REHABILITATION  
PROJECT #69568

**TRAFFIC CONTROL PLAN**

DESIGNED BY: D. RYDER & D. MULLINER  
DRAWN BY: D. MULLINER

PATH: Q:\HNS\69568\END\DOUG'S PLANSET\DOUG'S\_S1-S3\_TCP.DWG  
TAB: S2 Wednesday, August 17, 2011 3:41:05 PM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-000S(753)-69568	2011	S2	43

