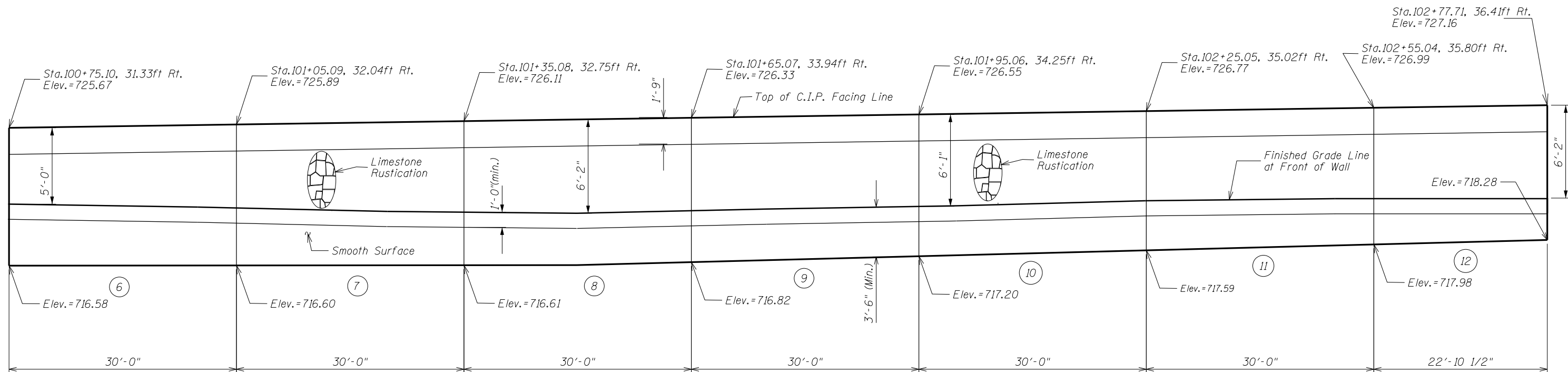


ELEVATION

C.I.P. Facing Panels 1-5



ELEVATION

C.I.P. Facing Panels 6-12

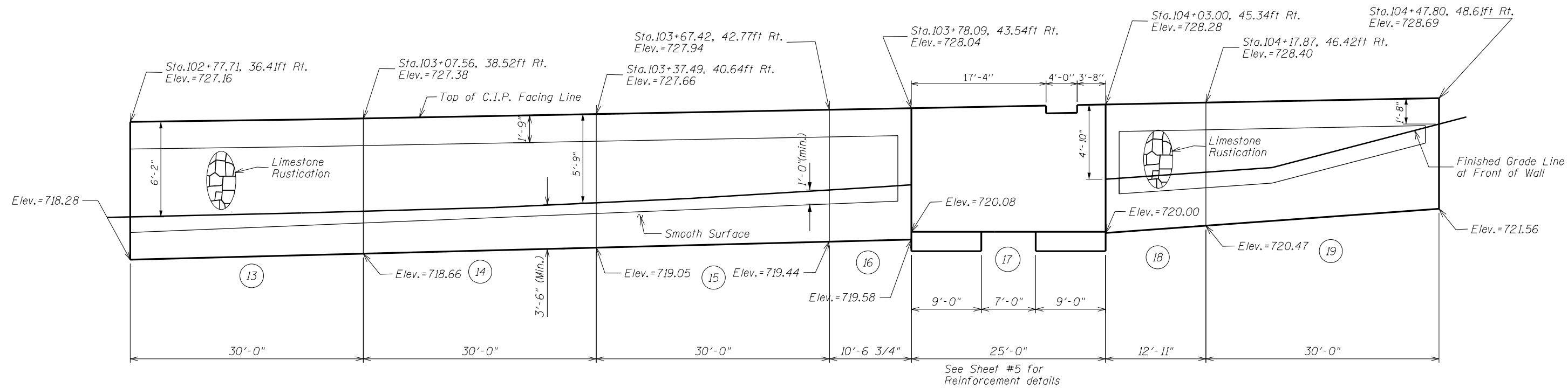
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WALL FACING SECTION
M.S.E. WALL DETAILS**

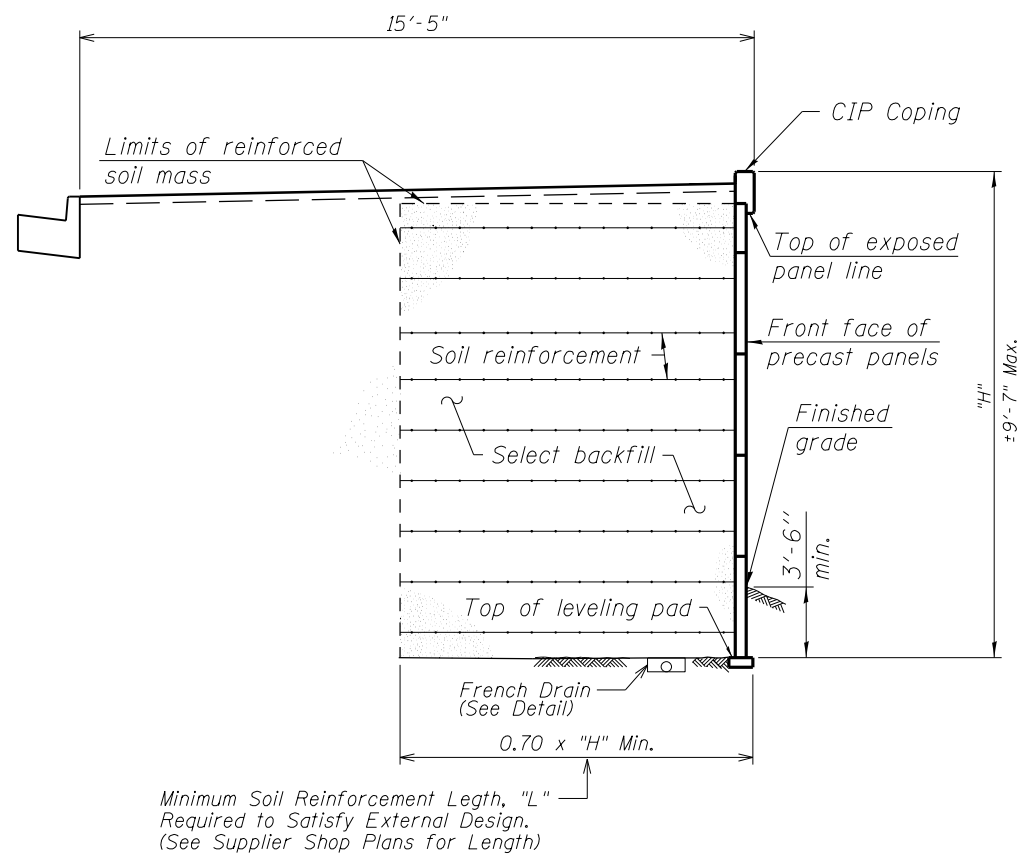
SCALE: SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	301
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

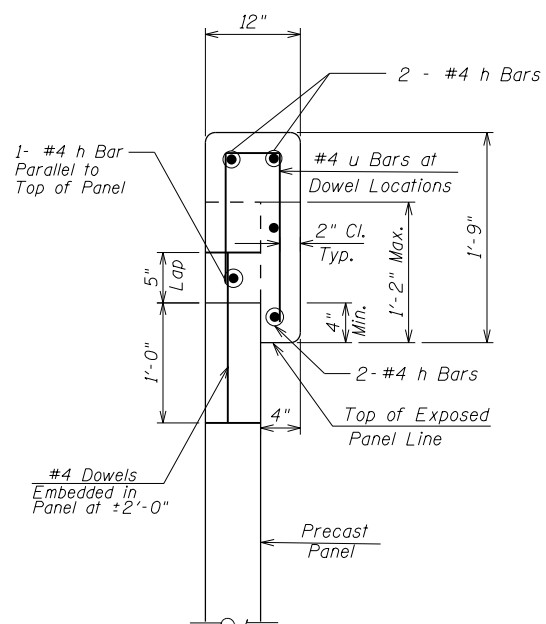


ELEVATION

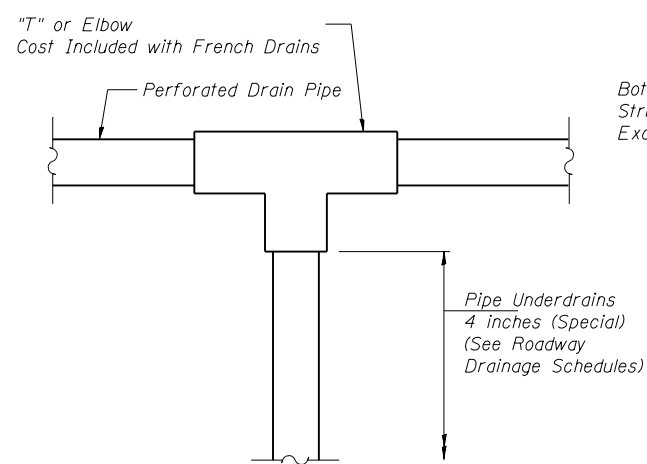
C.I.P. Facing Panels 13-19



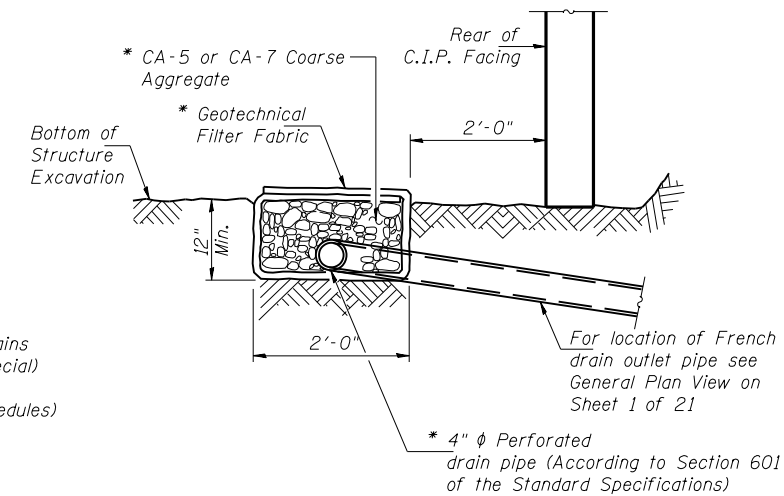
**SECTION THRU
MSE WALL**



C.I.P. FACING TYPICAL SECTION



FRENCH DRAIN OUTLET



FRENCH DRAIN DETAIL

* Cost included with French Drains.

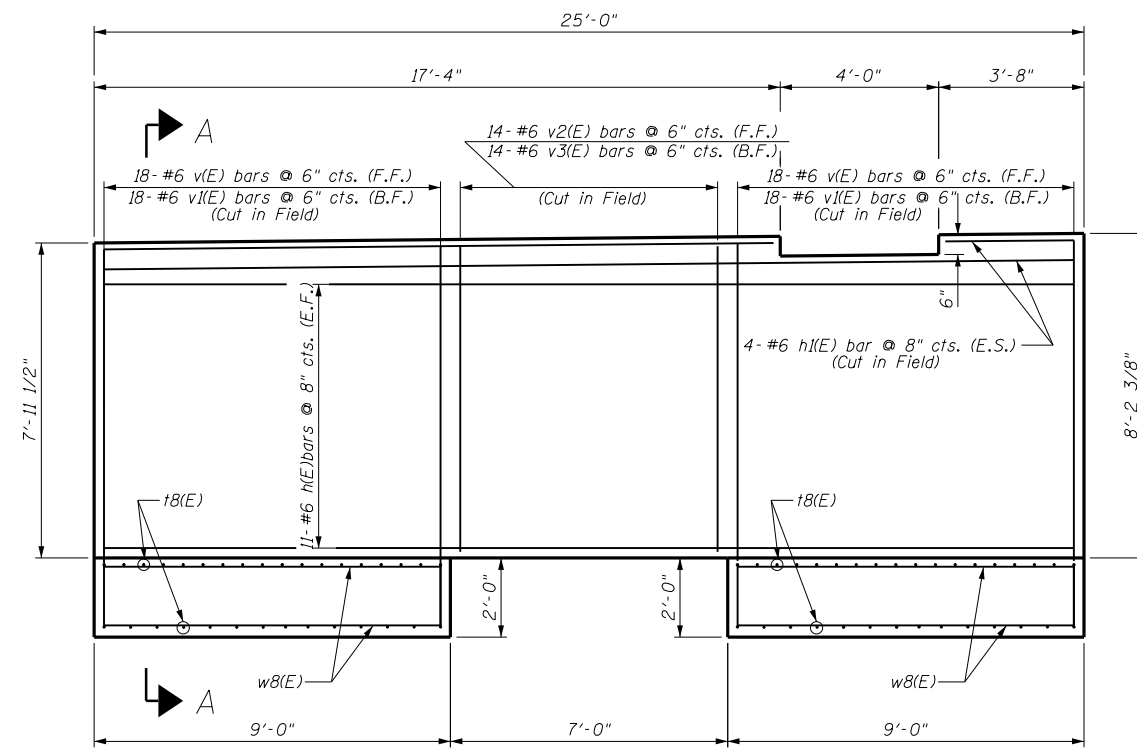
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	PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

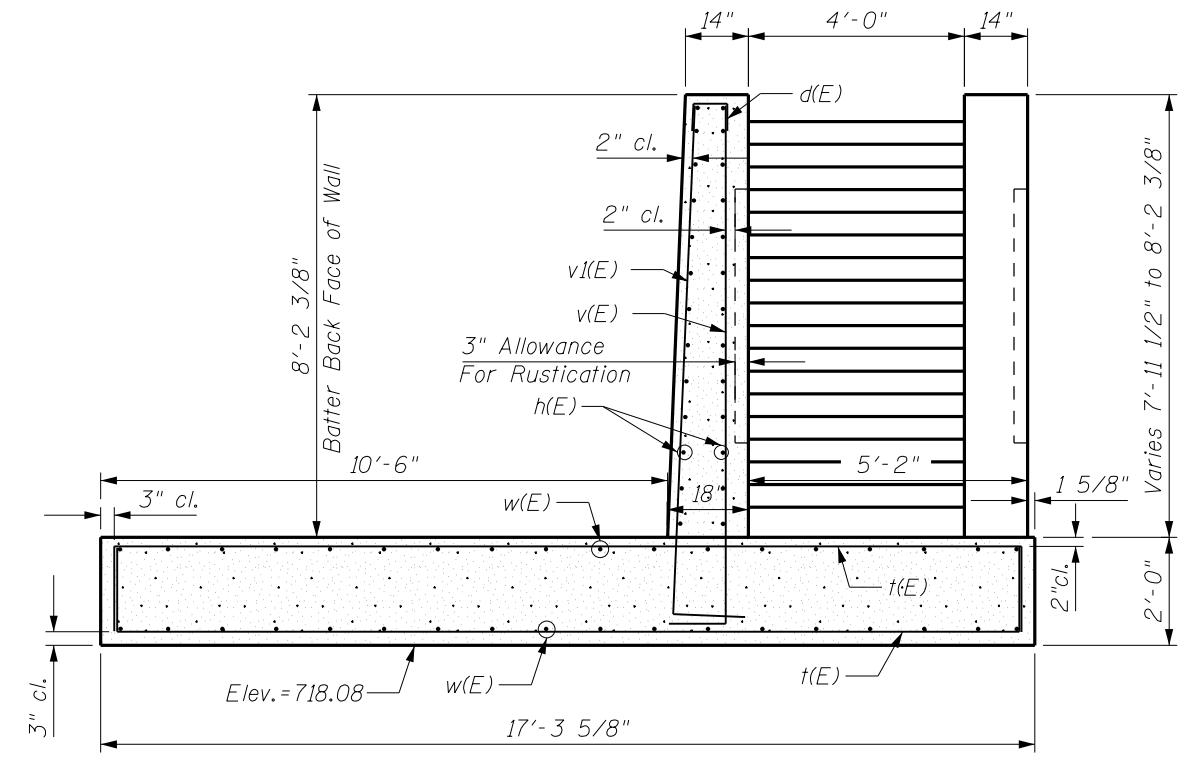
**WALL FACING SECTION
M.S.E. WALL DETAILS**

SCALE: SHEET 4 OF 13 SHEETS STA. TO STA.

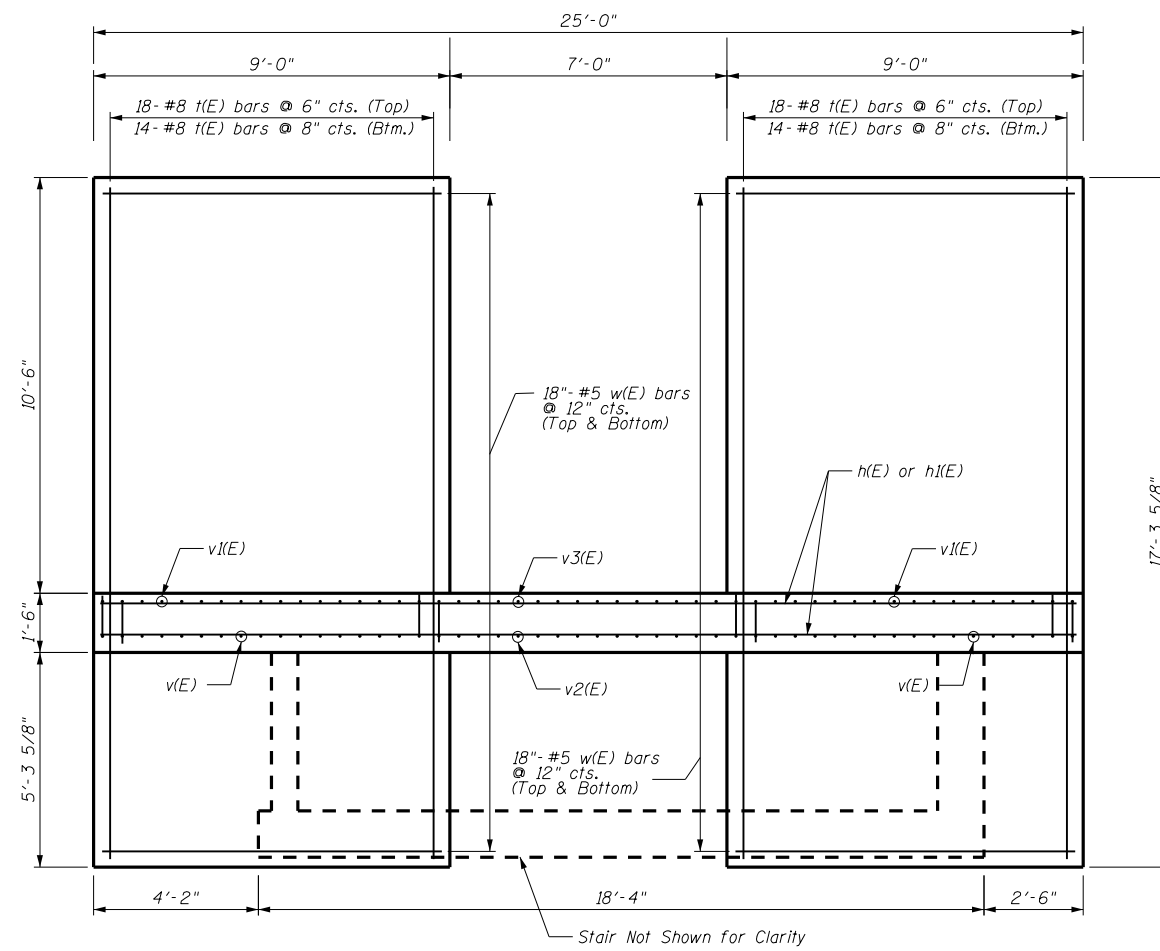
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1380	7W-1,RS-3	Peoria	617	302
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



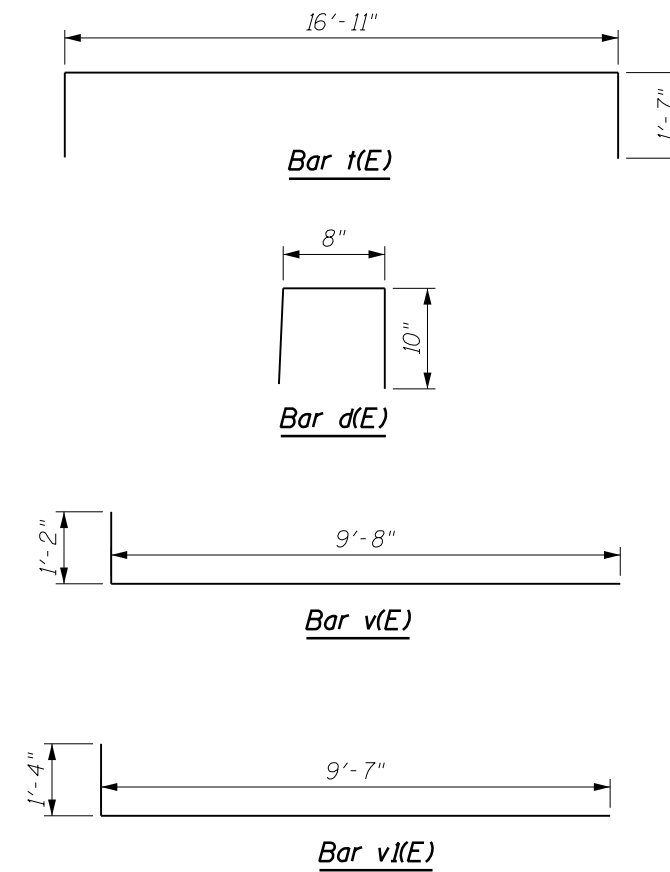
PANEL 17 - ELEVATION



SECTION A-A



PANEL 17 - PLAN



BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
d(E)	41	#5	2'-4"	□
h(E)	22	#6	24'-6"	—
h1(E)	4	#6	24'-6"	—
t(E)	64	#8	20'-1"	□
v(E)	36	#6	10'-10"	—
v1(E)	36	#6	10'-11"	—
v2(E)	14	#6	7'-9"	—
v3(E)	14	#6	7'-10"	—
w(E)	36	#5	8'-6"	—
Reinforcement Bars, Epoxy Coated			Lbs.	6,311
Concrete Structure			Cu Yd	33.00

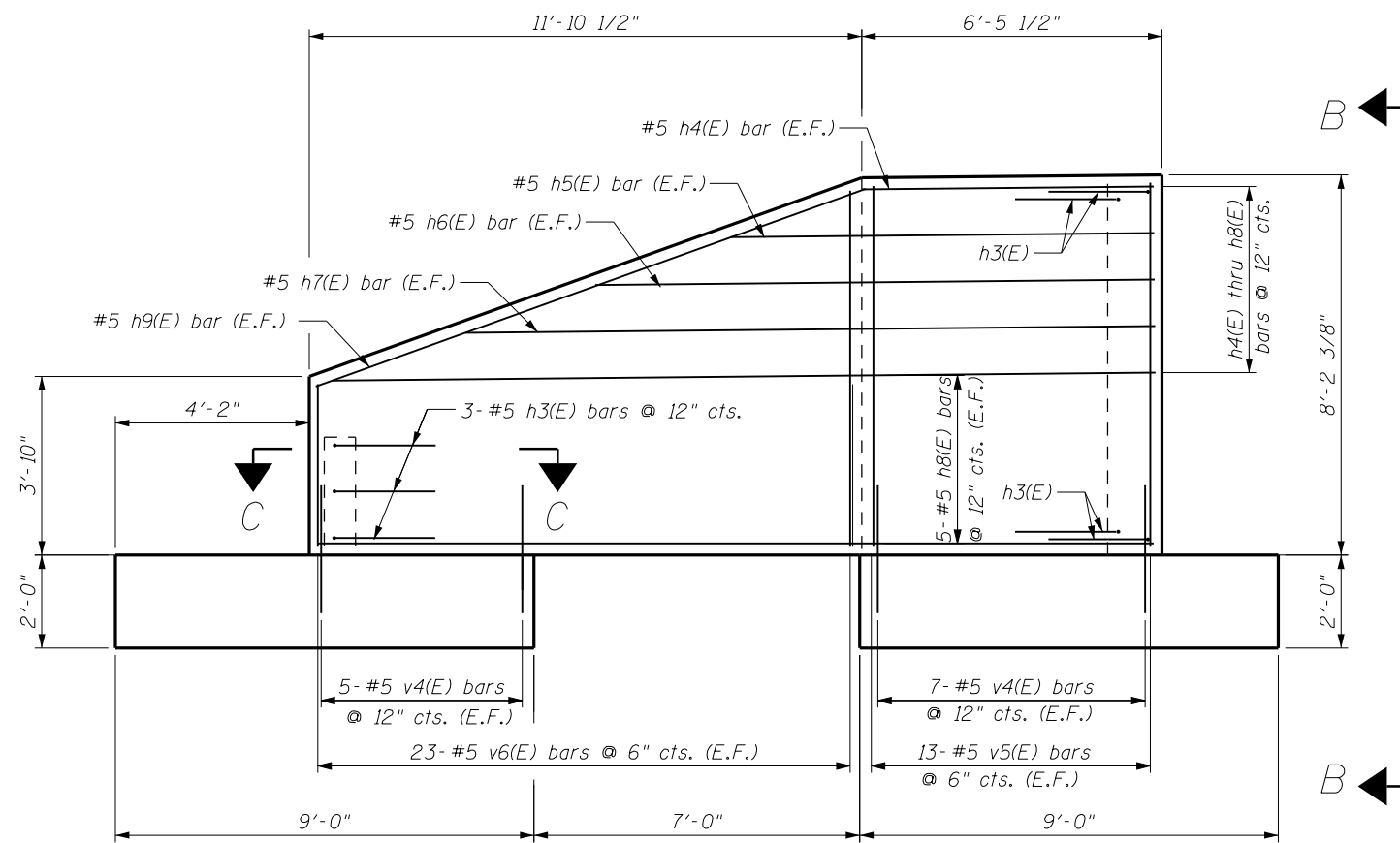
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	PLOT DATE = 8/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

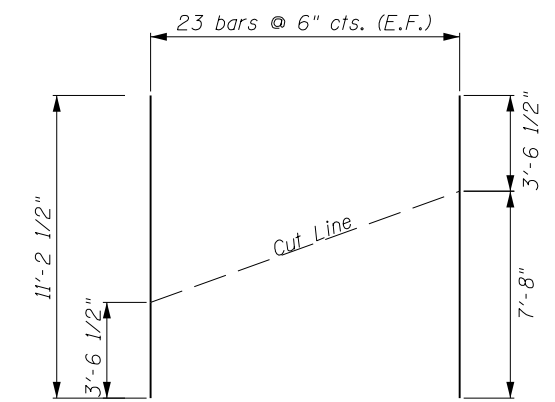
PANEL 17 - WALL DETAILS
STA. 103 + 78.09 TO 104 + 03.00

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

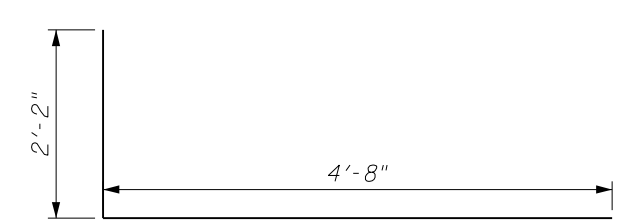
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	303
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



ELEVATION



bar v6(E)

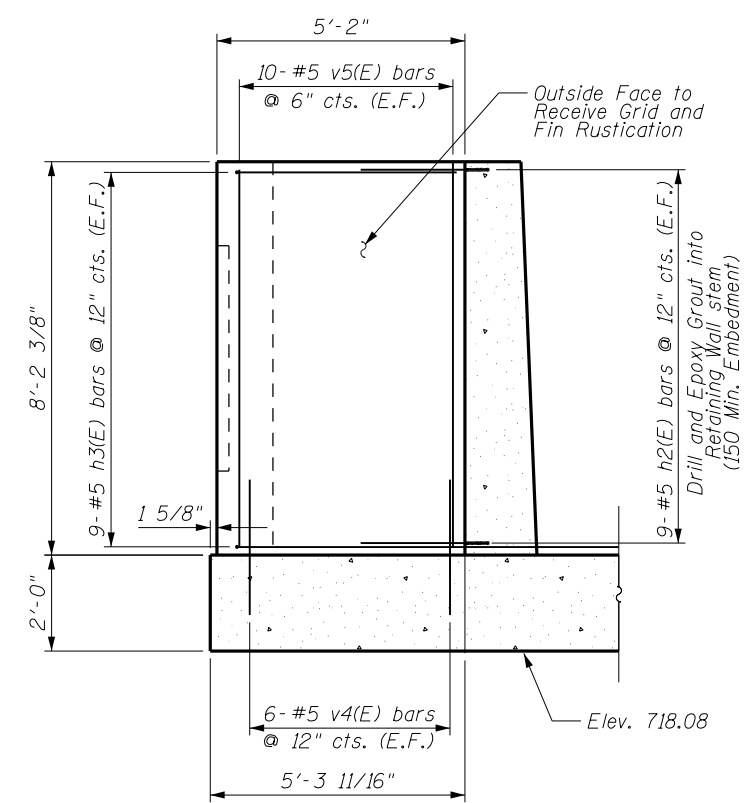


Bar h3(E)

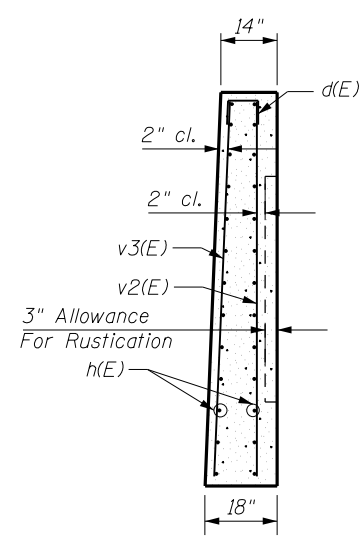
BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
h2(E)	21	#5	2'-8"	—
h3(E)	21	#5	6'-10"	—
h4(E)	2	#5	6'-3"	—
h5(E)	2	#5	9'-4"	—
h6(E)	2	#5	12'-2"	—
h7(E)	2	#5	15'-0"	—
h8(E)	10	#5	18'-0"	—
h9(E)	2	#5	12'-6"	—
v4(E)	24	#5	2'-9"	—
v5(E)	26	#5	7'-10"	—
v6(E)	23	#5	11'-2 1/2"	—

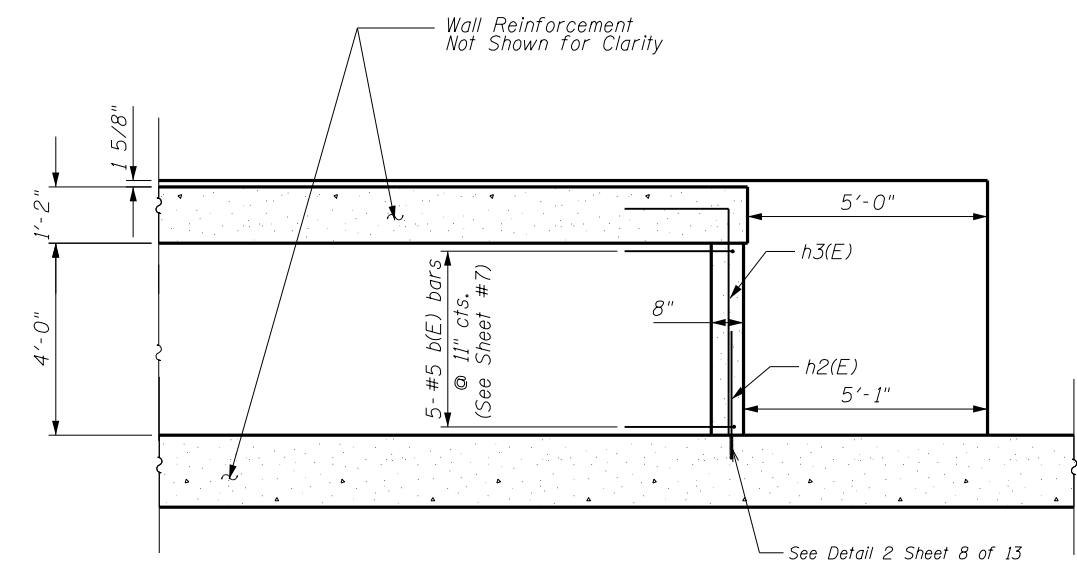
Reinforcement Bars, Epoxy Coated	Lbs.	1,061
Concrete Structure	Cu Yd	6.81



VIEW B-B



DETAIL OF WALL WITHOUT FOOTING



SECTION C-C

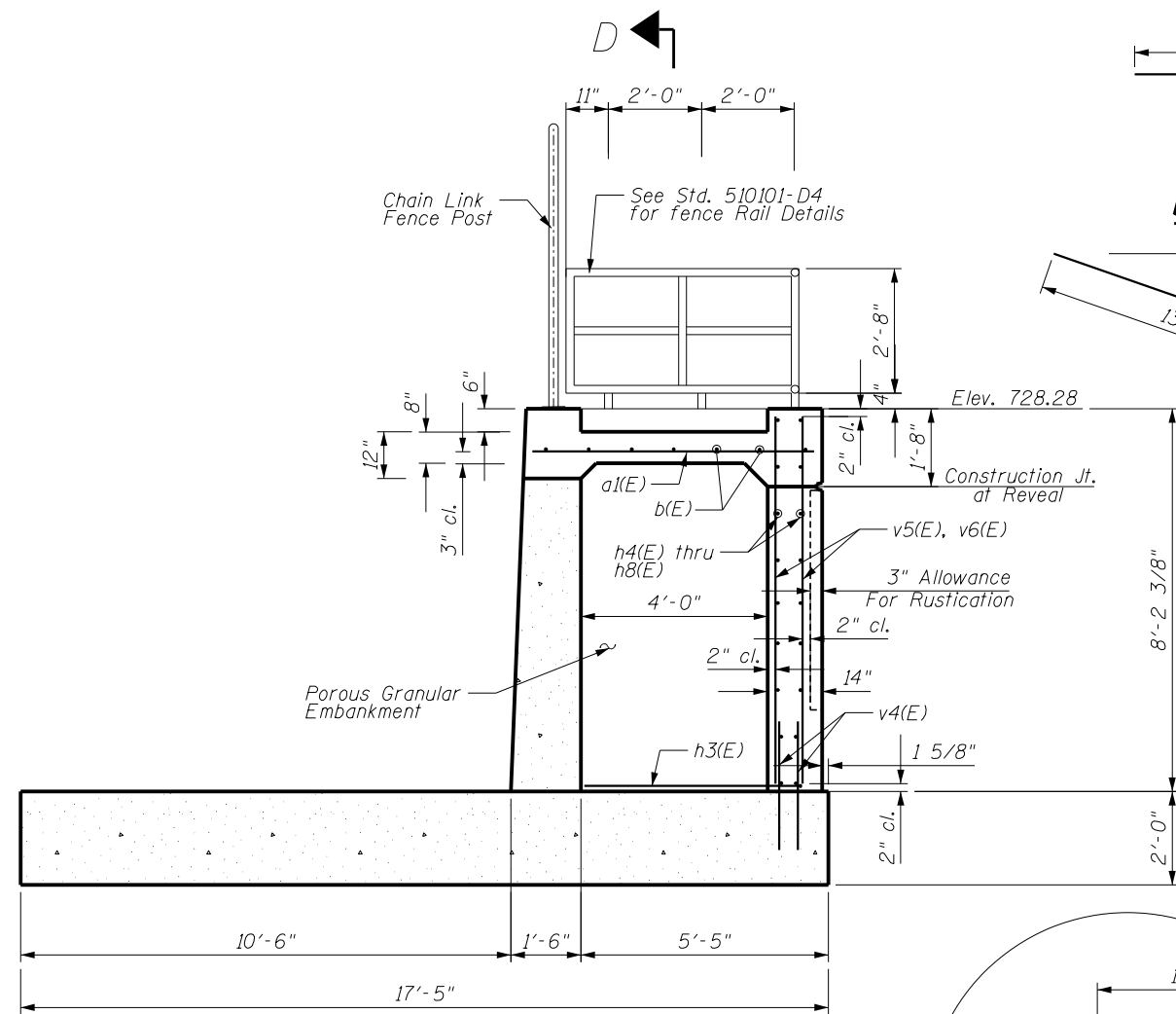
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PANEL 17 - WALL DETAILS
STA. 103 + 78.09 TO 104 + 03.00**

SCALE: SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	304
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

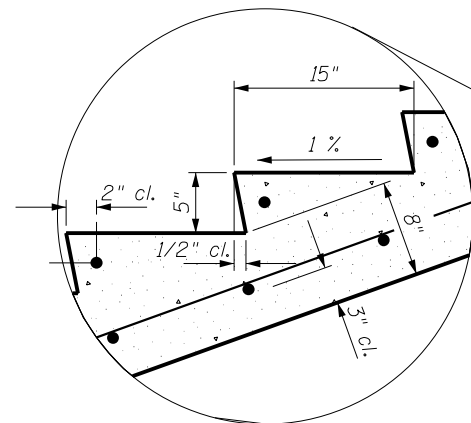


SECTION E-E

BILL OF MATERIALS

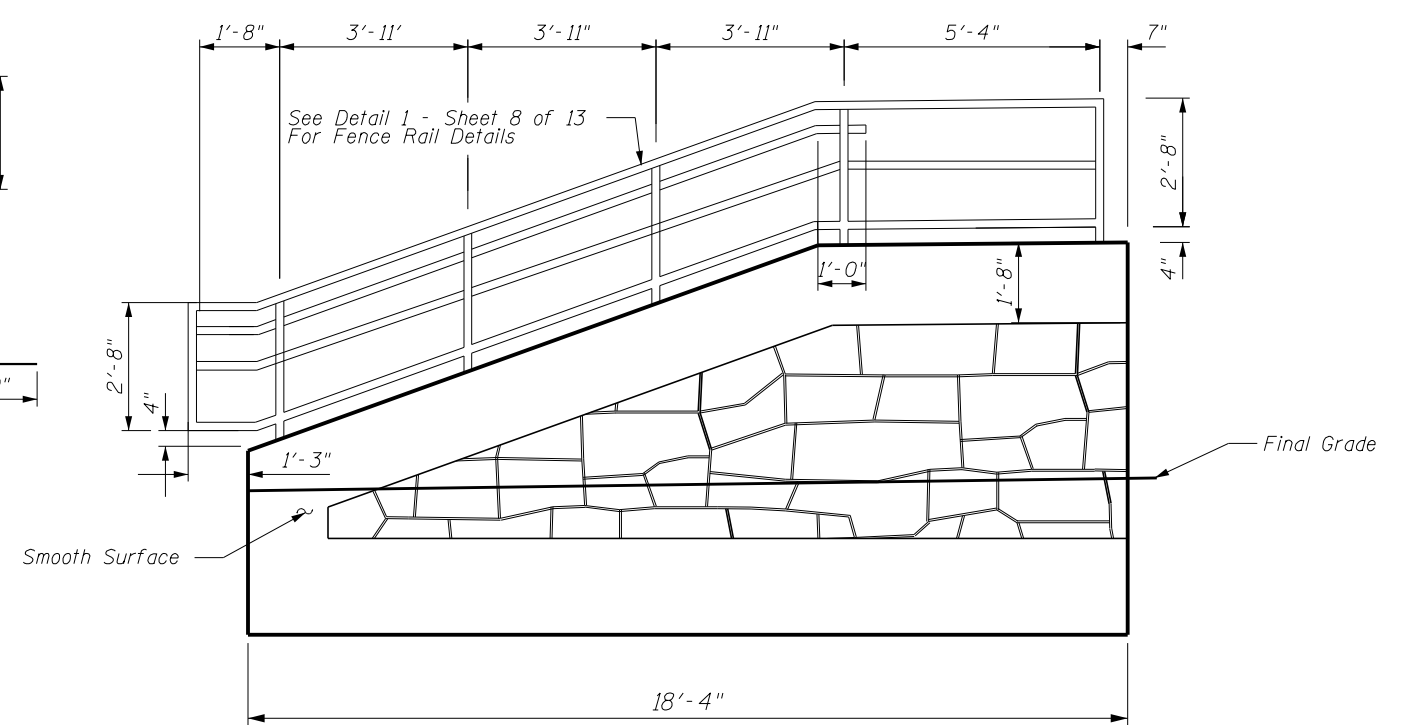
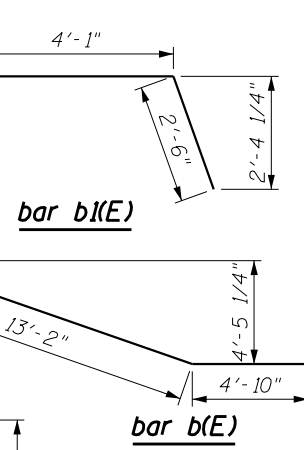
Bar	No.	Size	Length (ft)	Shape
a(E)	25	#5	3'-8"	—
a(E)	4	#5	6'-0"	—
b(E)	5	#5	18'-0"	∕
b(E)	5	#5	6'-7"	∕
Reinforcement Bars, Epoxy Coated			Lbs.	249
Concrete Structure			Cu Yd	2.50
Chain Link Gates, 4' x 6' Single			Each	1

* Sta. 103+95.42 To 103+99.42

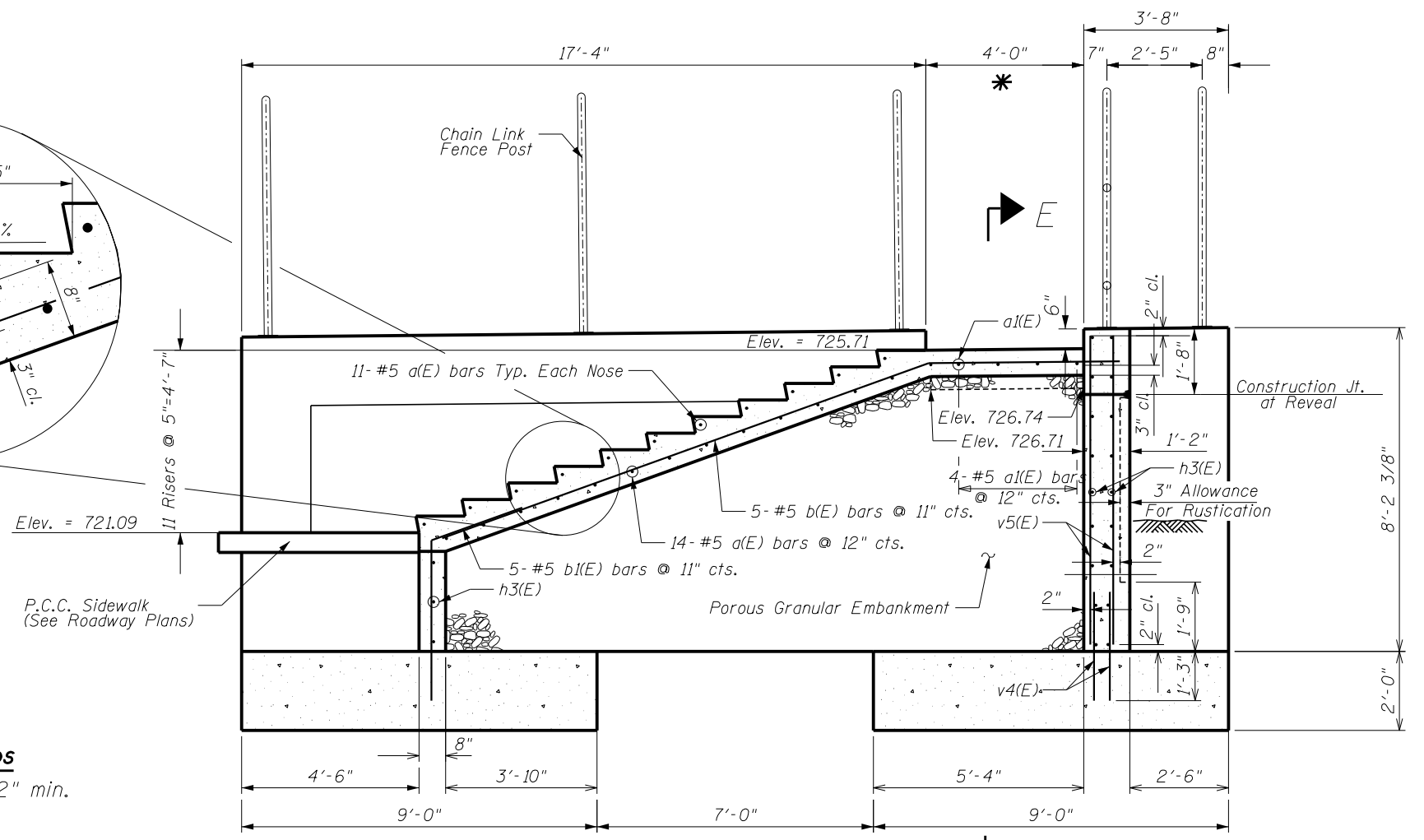


STEP DETAIL

Min. Bar Laps
#5 bars - 2'-2" min.



RAILING DETAIL



SECTION D-D

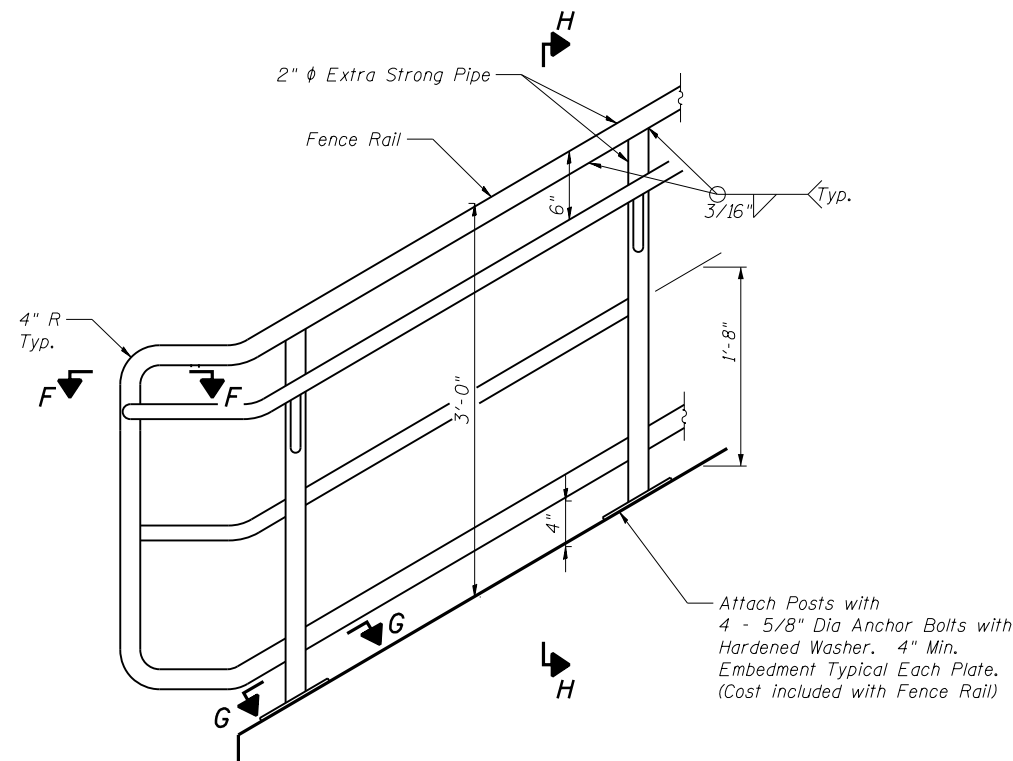
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

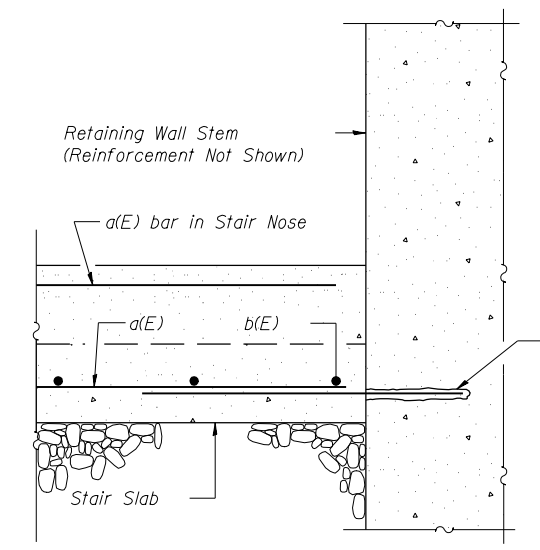
**PANEL 17 - STAIR DETAILS
STA. 103+78.09 TO 104+03.00**

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.

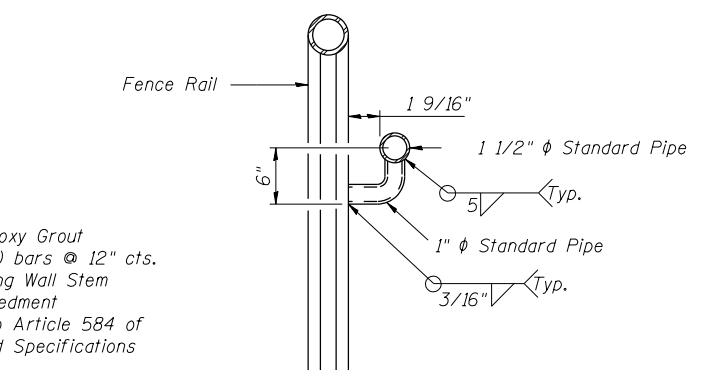
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	305
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				



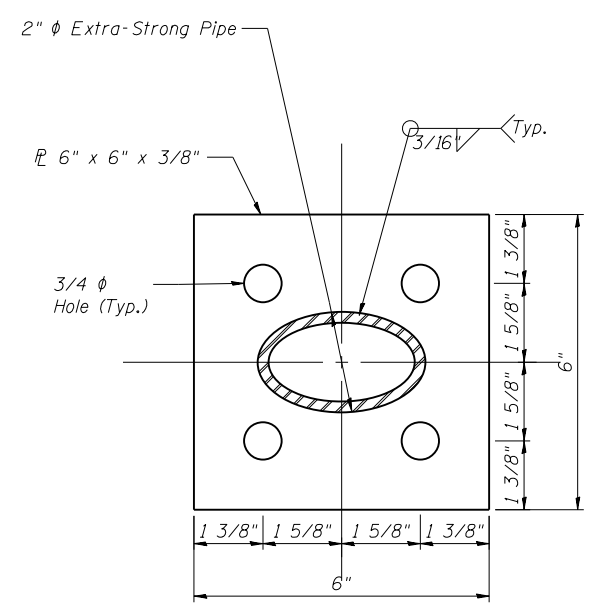
DETAIL 1



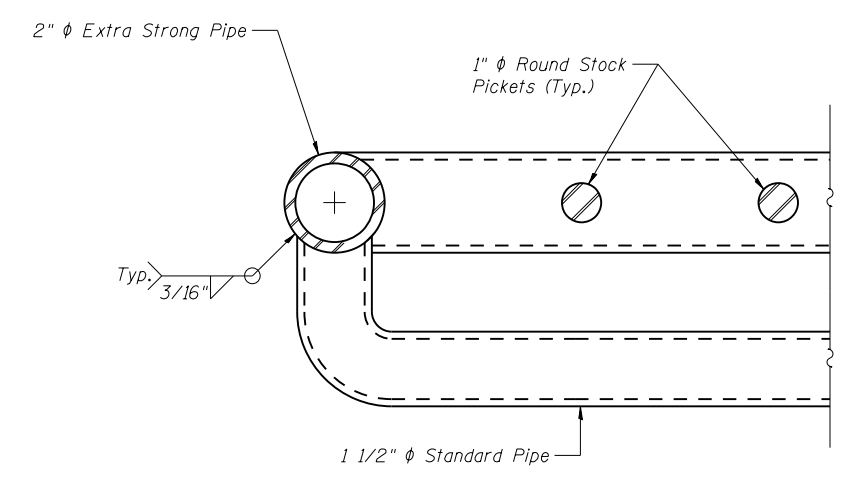
DETAIL 2



SECTION H-H

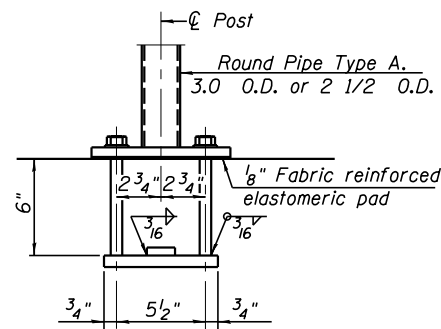


SECTION G-G



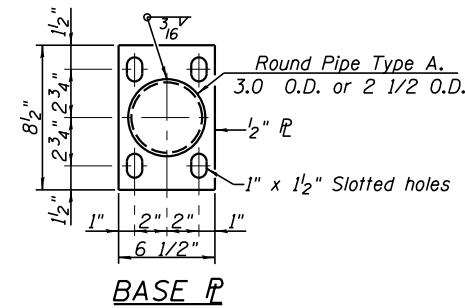
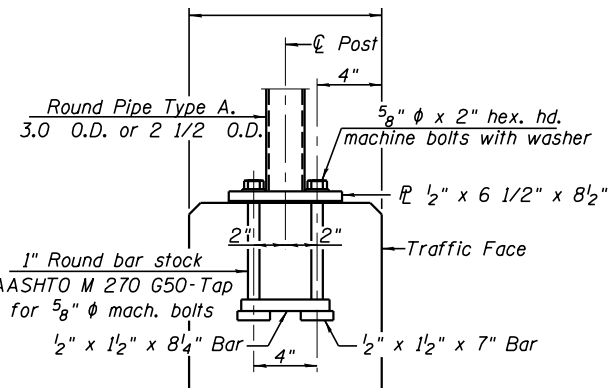
SECTION F-F

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PANEL 17 - HANDRAIL DETAILS STA. 103 + 78.09 TO 104 + 03.00	F.A.S. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\pwork\crespole\d0330150\048792-sht-details.dgn		DRAWN -	REVISED -			1380	7W-1,RS-3	Peoria	617	306
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



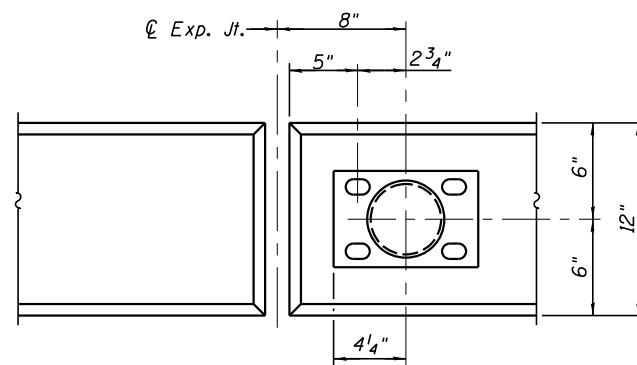
ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

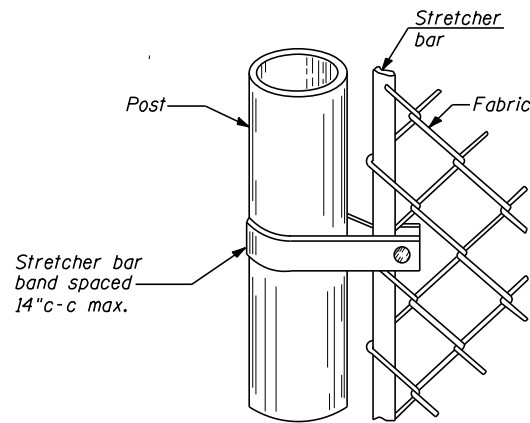


CHAINLINK FENCE SPECIFICATION

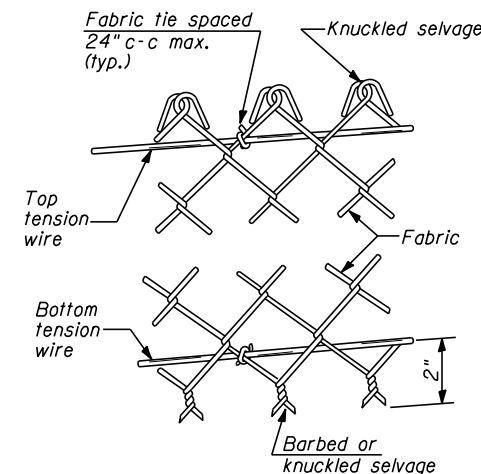
1. Posts, chain link fence and attaching hardware shall be according to Section 1006 of the Standard Specifications, except as noted and shall be paid for at the contract unit price per foot for Chain Link Fence (Attached to Structure).
2. The 9 gauge fabric ties shall be black and confirm to Article 1006.27 of the Standard Specifications.
3. Installation of the chain link fabric shall be according to Section 664 of the Standard Specifications
4. Stretcher bars shall be used at all end posts.
5. All other steel shapes and plates shall conform to the requirements of AASHTO M 270M Grade 36.
6. If the option of drilling and epoxy grouting the anchor rods is chosen, the Contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or the adhesive cartridge shall be sealed with premeasured amounts of the adhesive chemical.
7. Space reinforcement to miss anchor rods.
8. All steel rail elements shall be black domestic schedule 40.
9. Vent holes shall be placed in the posts and rails at locations that will not allow the accumulation of moisture in the members
10. The chain link fabric shall be core black (2" Mesh) KK fused and bonded and confirm to article 1006.27 of the Standard Specifications
11. Fittings including: Black Regular Brace Band & Black Carriage Bolt, Black Combo Pressed Steel Rail End, Black Line Rail Clamp, Black Pressed Steel Loop Cap, Black Pressed Steel Dome Cap, Black 3/4" Heavy Steel Tension Bar, Black regular Tension Band & Black Carriage Bolt.



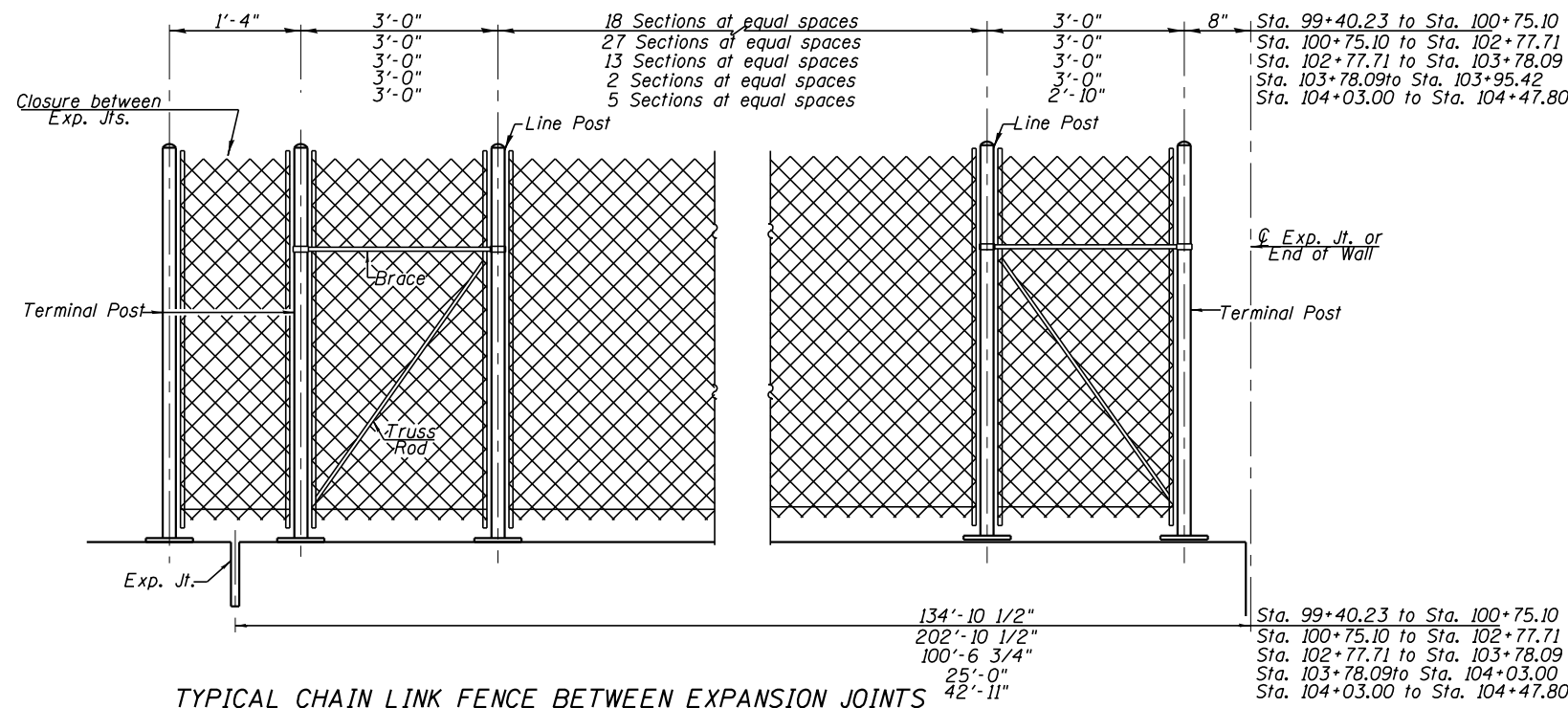
ANCHOR PLATE PLAN @ EXPANSION JOINT



METHOD OF FASTENING STRETCHER BAR TO POST



METHOD OF TYING FABRIC TO TENSION WIRES



TYPICAL CHAIN LINK FENCE BETWEEN EXPANSION JOINTS

BLACK DOMESTIC SCHEDULE 40	
LINE POST	
Section	lbs./ft.
Pipe Type A 2 1/2" O.D.	3.66

BLACK DOMESTIC SCHEDULE 40	
HORIZONTAL BRACES	
Section	lbs./ft.
Pipe Type A 1.66" O.D.	2.27

BLACK DOMESTIC SCHEDULE 40	
TERMINAL POST	
Section	lbs./ft.
Pipe Type A 3" O.D.	5.80

Item	Unit	Quantity
Chain Link Fence 6' Attached to Structure	Foot	516



Illinois Department of Transportation

Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Date 10/12/11

ROUTE (IL RTE 91) DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM.

COUNTY Peoria DRILLING METHOD PUSH HAMMER TYPE N/A

STRUCT. NO. N/A	DEPTH H S	BULGE W	UCS Qu	MOISTURE T	Surface Water Elev. N/A ft
Station N/A					Stream Bed Elev. N/A ft
BORING NO. B-1					Groundwater Elev.:
Station 99+40.33					First Encounter N/A ft
Offset 14.5 ft RT					Upon Completion N/A ft
Ground Surface Elev. 723.5 ft	(ft)	(/6")	(tsf)	(%)	After N/A Hrs. N/A ft

FILL: Brown and gray, clay [A-6]			0.8	B/15	21
			1.2	S/15	31
FILL: Dark brown and gray, clay [A-7]	720.5		1.4	S/10	25
			1.3	P	16
CLAY: Brown [A-7]	719.0		1.6	S/10	27
Boring terminated at 6.0 ft.					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation

Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Date 10/12/11

ROUTE (IL RTE 91) DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM.

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE N/A

STRUCT. NO. N/A	DEPTH H S	BULGE W	UCS Qu	MOISTURE T	Surface Water Elev. N/A ft
Station N/A					Stream Bed Elev. N/A ft
BORING NO. B-2					Groundwater Elev.:
Station 100+15.33					First Encounter N/A ft
Offset 13.5 ft RT					Upon Completion N/A ft
Ground Surface Elev. 724.5 ft	(ft)	(/6")	(tsf)	(%)	After N/A Hrs. N/A ft

FILL: Brown and gray, clay, with crushed rock [A-6]					
			2	1.3	21
			2	B/15	
			4		
CLAY: Brown, with iron stains, trace sand [A-7]	720.5		2	2.5	29
			4	S/15	
			5		
SILTY LOAM: Brown and gray [A-4] LL: 30 PI: 7	718.5		1	0.5	26
			1	B/15	
			1	0.8	22
			1	B/15	
			2		
Boring terminated at 10.0 ft.					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

FILE NAME :	USER NAME : crespole	DESIGNED :	REVISED :
ct:\pw\work\pidot\crespole\d0330150\048792-shd-details.dgn		DRAWN :	REVISED :
		CHECKED :	REVISED :
Default	PLOT DATE : 8/15/2013	DATE :	REVISED :

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORING LOGS - MSE WALL
STA. 99 + 40.23 - STA. 104 + 47.80

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	308
CONTRACT NO.			88792	
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Page 1 of 1

Date 10/11/11

ROUTE (IL RTE 91) DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE N/A

STRUCT. NO. N/A
Station N/A
BORING NO. B-3
Station 100+90.43
Offset 50.5 ft RT
Ground Surface Elev. 716.5 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter N/A ft
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	DIAMETER (in)	UNIFORMITY COEFFICIENT (Cu)	MOISTURE (%)	SOIL DESCRIPTION
0 - 2				TOPSOIL - 2 inches
2 - 3	0.6	25		SILT: Brown and gray [A-4 (7)] LL: 29 PI: 7
3 - 5	1.4	13		CLAY: Brown to dark brown, trace sand and gravel [A-7]
5 - 7	2.3	15		
7 - 10	2.1	13		
10 - 13	1.9	13		
13 - 15	2.8	14		
15 - 20				Boring terminated at 15.0 ft.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Page 1 of 1

Date 10/11/11

ROUTE (IL RTE 91) DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE N/A

STRUCT. NO. N/A
Station N/A
BORING NO. B-4
Station 101+65.33
Offset 40.0 ft RT
Ground Surface Elev. 720.0 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter N/A ft
Upon Completion 709.5 ft
After N/A Hrs. N/A ft

DEPTH (ft)	DIAMETER (in)	UNIFORMITY COEFFICIENT (Cu)	MOISTURE (%)	SOIL DESCRIPTION
0 - 1				TOPSOIL - 1 inch
1 - 4	4.2	19		FILL: Brown and gray, clay, trace iron stains [A-7]
4 - 5				
5 - 7	1.0	30		CLAY: Brown and gray, trace iron stains [A-6]
7 - 10	1.3	25		
10 - 12	0.9	23		CLAY LOAM: Brown and gray, low plastic, trace iron stains [A-4] LL: 29 PI: 7
12 - 15	1.4	15		CLAY: Dark brown, trace sand and gravel [A-7]
15 - 17	2.1	14		
17 - 20				Boring terminated at 15.0 ft.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORING LOGS - MSE WALL
STA. 99 + 40.23 - STA. 104 + 47.80

SCALE: SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	309
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



Illinois Department of Transportation

Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Page 1 of 1

Date 10/11/11

ROUTE _____ DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM.
Latitude _____ Longitude _____

COUNTY Peoria DRILLING METHOD PUSH HAMMER TYPE N/A

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/ft)	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
N/A	N/A					N/A	N/A		N/A	N/A	N/A
B-7	103+92.14										
	Offset 38.8 ft RT										
	Ground Surface Elev. 724.0										
TOPSOIL - 12 inches		723.0		3.5 P	20						
CLAY: Dark gray [A-7] Becomes brown											
Becomes brown with gray				2.3 S/15	26						
CLAY: Brown and gray [A-6]		720.0									
		-5		0.6 B/15	24						
Boring terminated at 6.0 ft.		718.0									
		-10									
		-15									
		-20									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation

Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Page 1 of 1

Date 10/12/11

ROUTE _____ DESCRIPTION Roadway Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM.
Latitude _____ Longitude _____

COUNTY Peoria DRILLING METHOD PUSH HAMMER TYPE N/A

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/ft)	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
N/A	N/A					N/A	N/A		N/A	N/A	N/A
B-8	104+47.52										
	Offset 13.3 ft RT										
	Ground Surface Elev. 727.5										
FILL: Crushed rock and soil - 5 inches		727.1		1.4 B/15	25						
FILL: Brown and gray, silty clay [A-7-8 (37)] LL: 55 Pl: 32											
		724.5		2.8 S/10	16						
CLAY: Brown and gray [A-7]				1.7 B/15	29						
		-5		1.3 S/5	27						
Boring terminated at 6.0 ft.		721.5									
		-10									
		-15									
		-20									

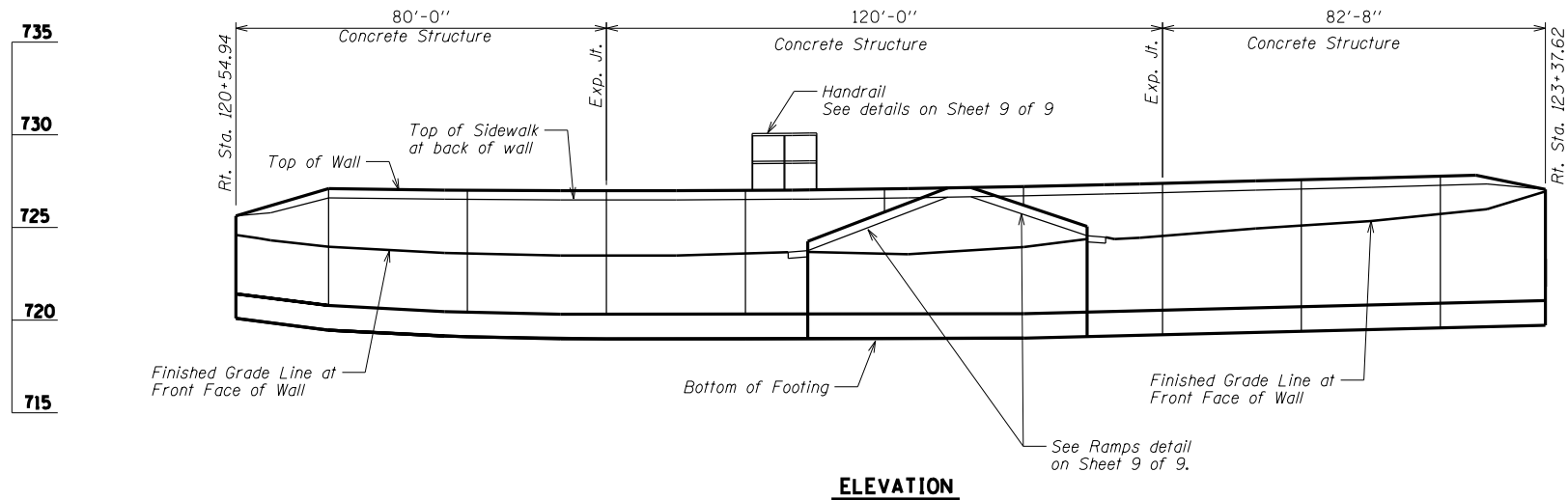
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

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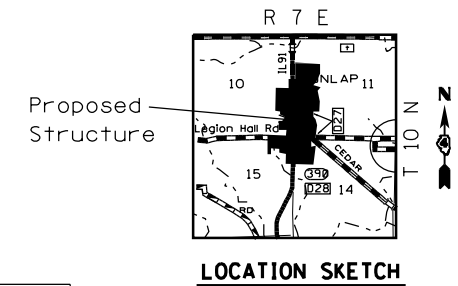
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS - MSE WALL
STA. 99 + 40.23 - STA. 104 + 47.80
SCALE: SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	311
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



ELEVATION

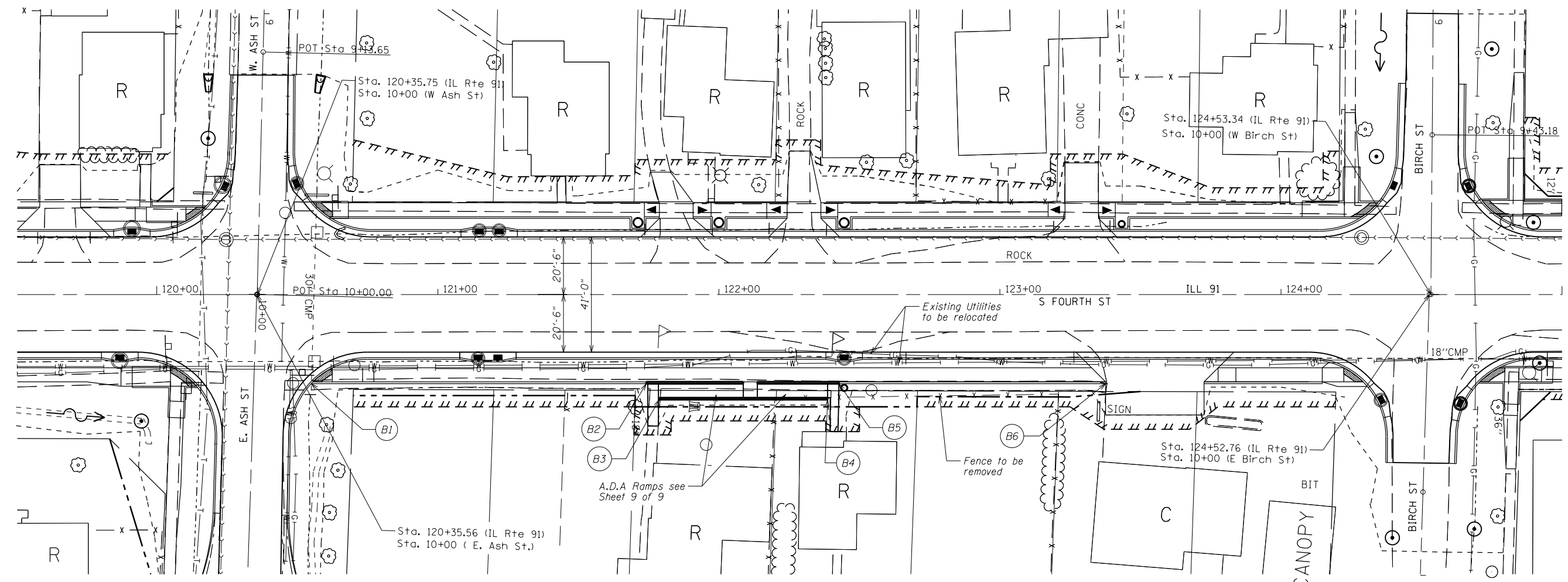


LOCATION SKETCH

POINT	STATION	OFFSET
B1	120+54.94	31.75 Rt.
B2	121+74.17	31.75 Rt.
B3	121+78.66	37.42 Rt.
B4	122+38.66	37.42 Rt.
B5	122+42.66	31.75 Rt.
B6	123+37.62	31.75 Rt.

WALL CONTROL POINTS

Wall offsets are measured from \varnothing IL 91 to the front face of wall panels



PLAN

GENERAL PLAN & ELEVATION

CONCRETE WALL & RAMP

F.A.S 1380 - SEC 7W-1, RS-3

PEORIA COUNTY

RT STATION 120+54.94 TO 123+37.62

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

FILE NAME = c:\pwork\pwork\respole\d0330150\048792-sht-details.dgn	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION CONCRETE WALL & RAMP		F.A.S. R.T.E. 1380	SECTION 7W-1,RS-3	COUNTY Peoria	TOTAL SHEETS 617	SHEET NO. 312	
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 1 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/15/2013	CHECKED -	REVISED -									
		DATE -	REVISED -									

GENERAL NOTES

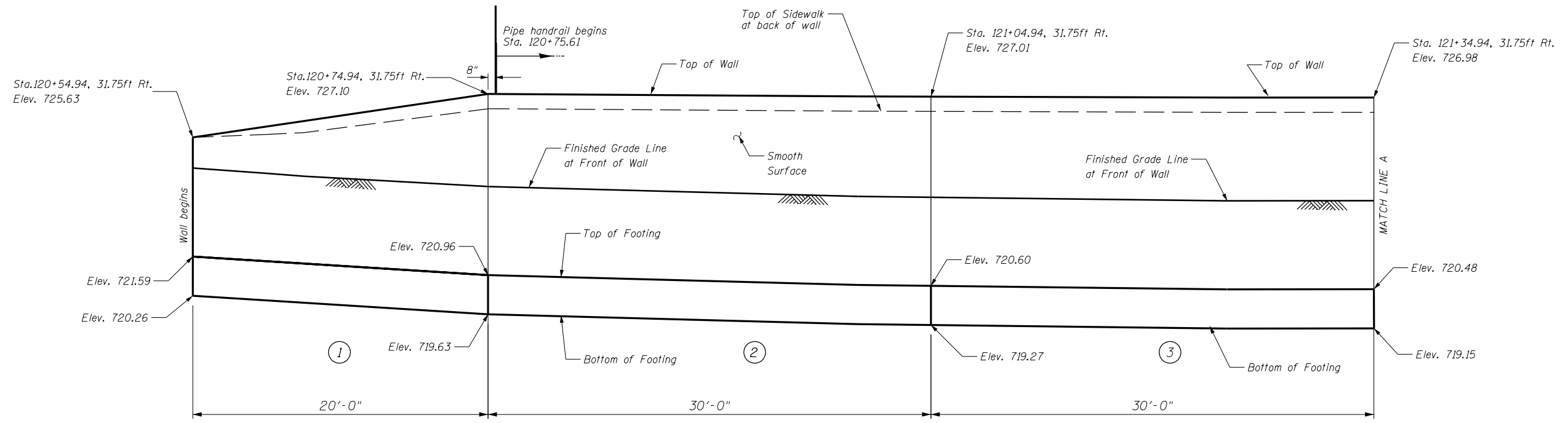
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. All construction joints shall be bonded..

TOTAL BILL OF MATERIAL

<i>Item</i>	<i>Unit</i>	<i>Total</i>
Reinforcement Bars, Epoxy Coated	Pound	8,605
Concrete Structure	Cu. Yd.	143
Porous Granular Embankment	Cu. Yd.	53
Pipe Handrail	Foot	291.0

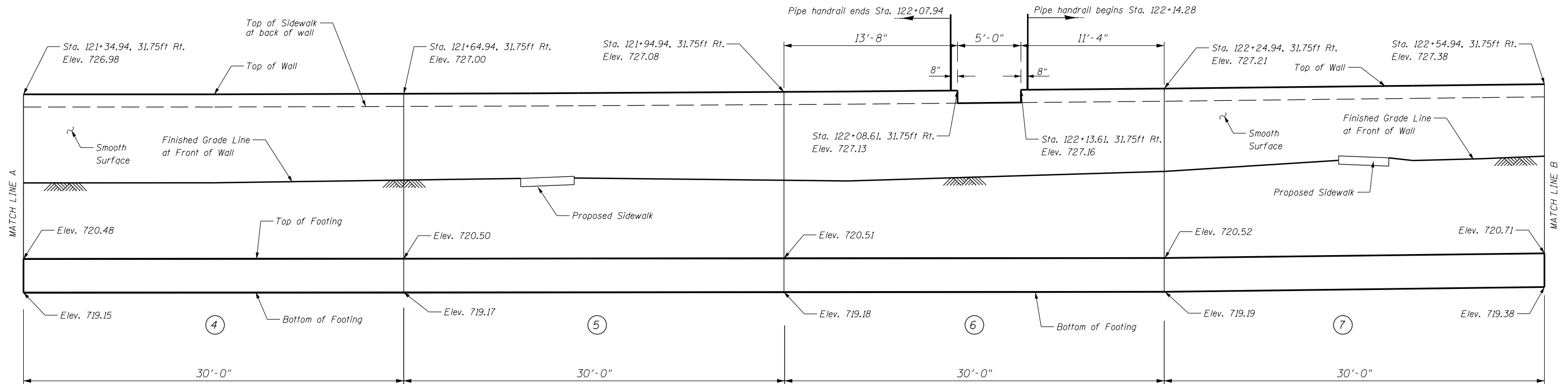
INDEX OF SHEETS

1. General Plan & Elevation
2. General Notes
3. Wall Facing Section Panel 1 - 7
4. Wall Facing Section Panel 8 - 13
5. Wall Detail Panel 1-3
6. Wall Detail Panel 4 - 7
7. Wall Detail Panel 8 - 10
8. Wall Detail Panel 11 - 13
9. A.D.A. Ramps Detail



ELEVATION

Panels 1-3



ELEVATION

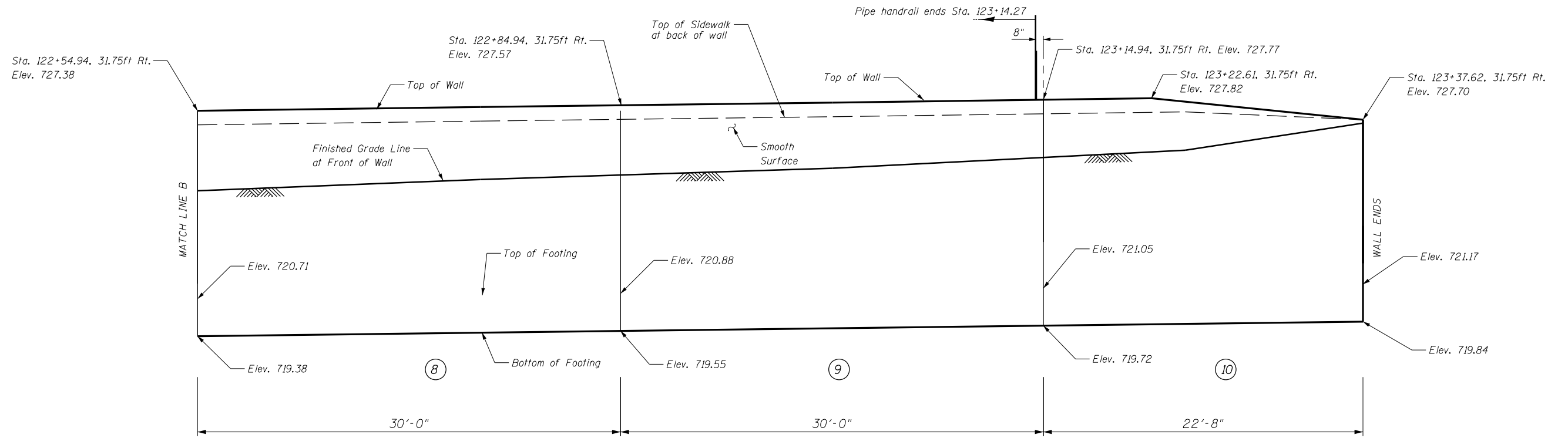
Panels 4-7

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

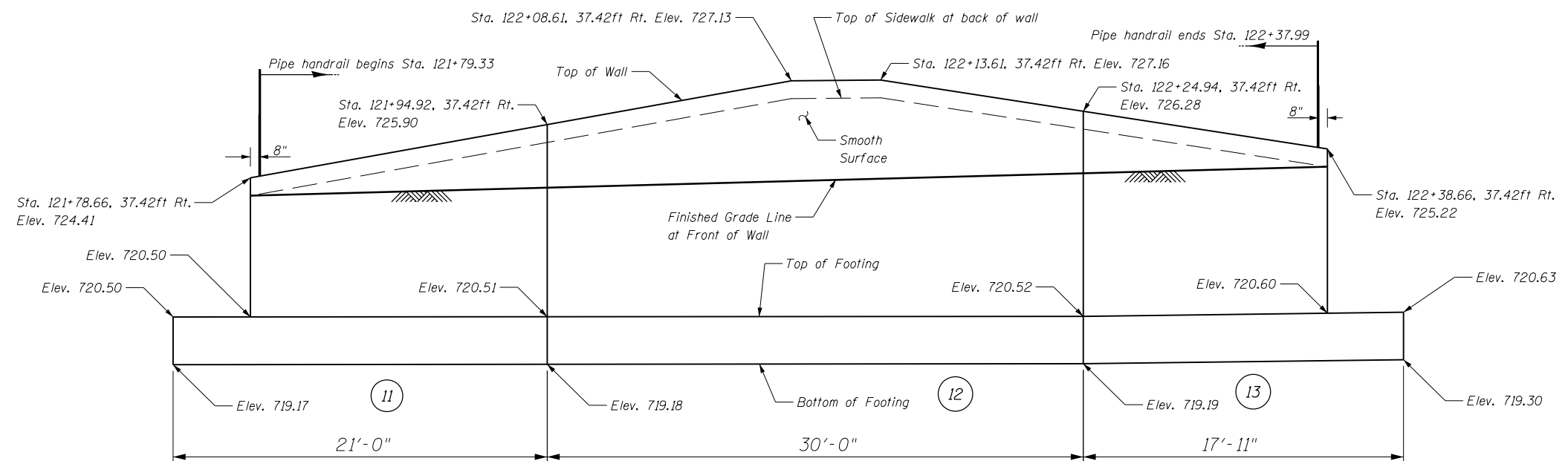
WALL ELEVATION PLANS			
RT. STA. 120 + 54.94 - 122 + 54.94			
SCALE:	SHEET 3	OF 9 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	314
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				



ELEVATION

Panels 8-10



ELEVATION

Panels 11-13

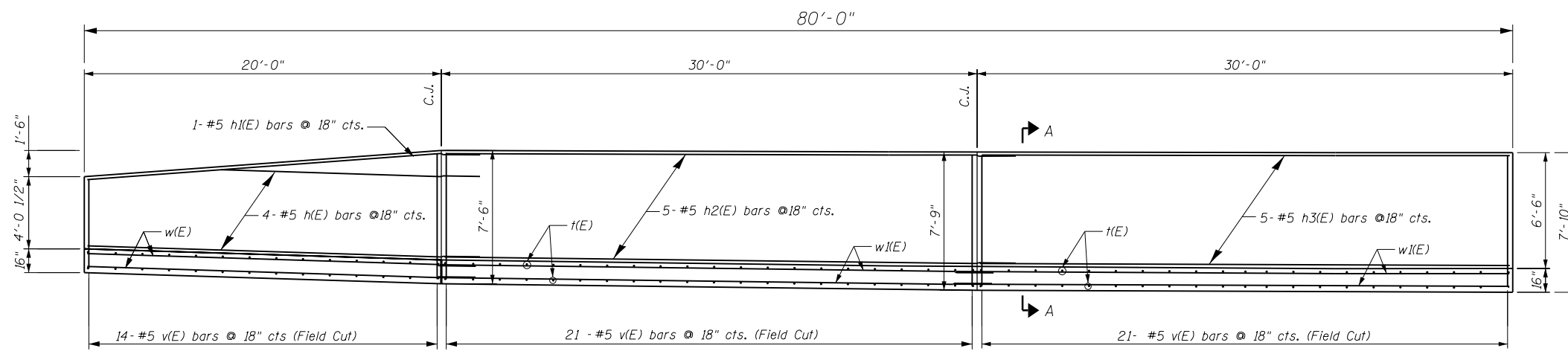
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

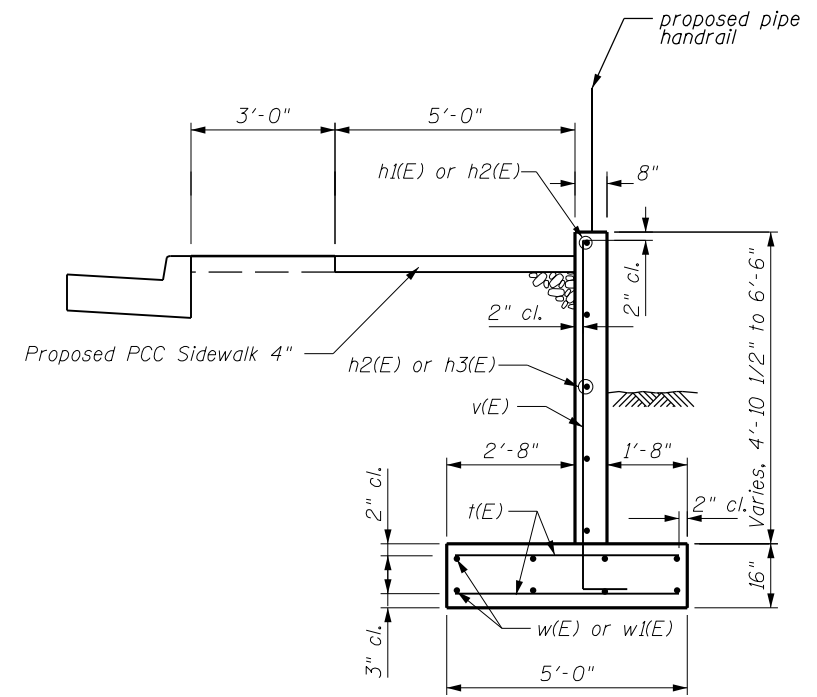
WALL ELEVATION PLANS
RT. STA. 122 + 54.94 - 123 + 37.62

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

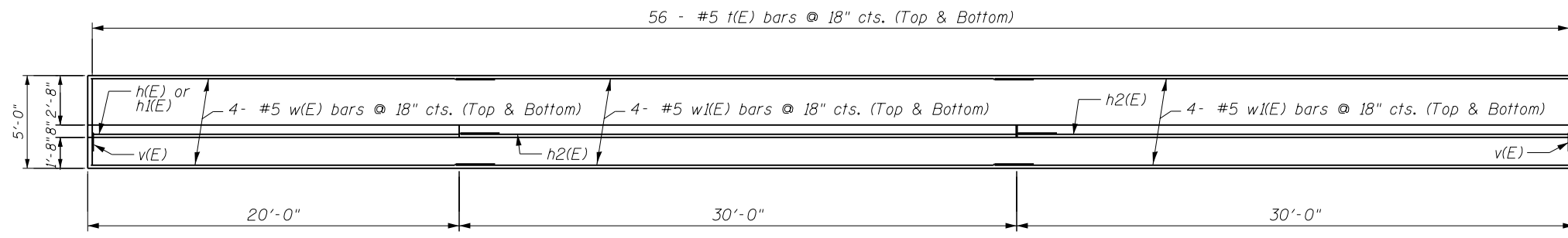
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	315
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



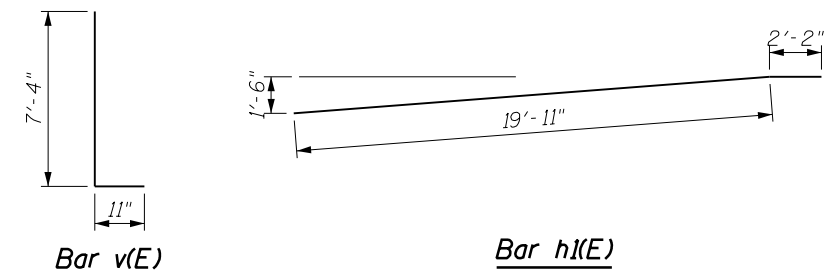
ELEVATION - PANEL 1 THRU 3



SECTION A-A
Panel 1 thru 3



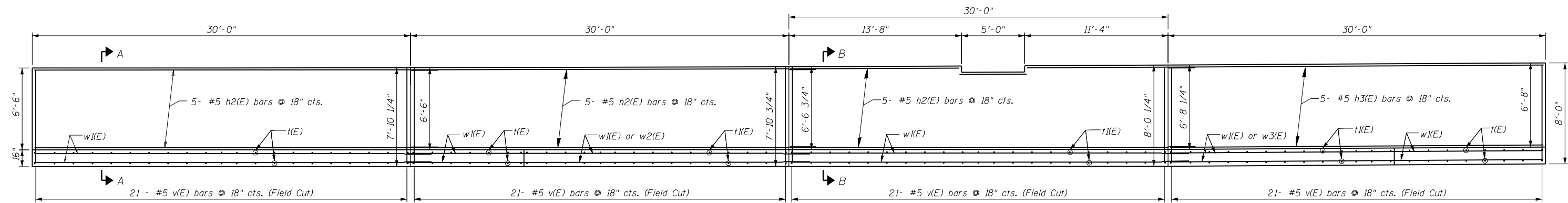
PLAN - PANEL 1 THRU 3



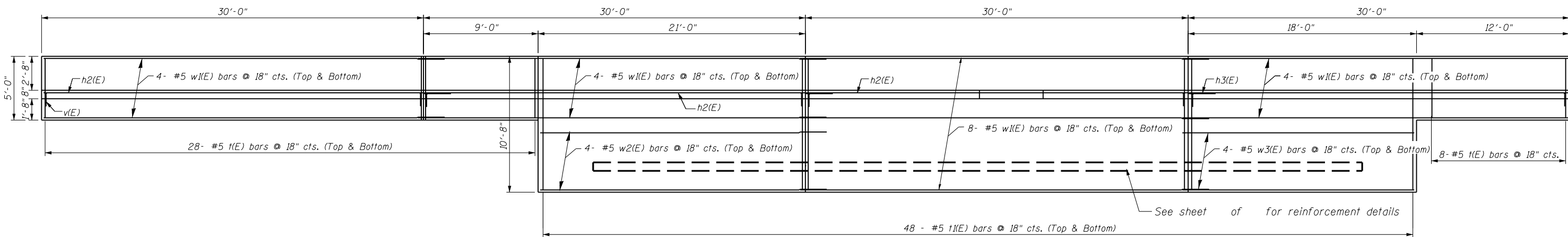
BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
h(E)	4	#5	21'-6"	—
h1(E)	1	#5	22'-1"	—
h2(E)	5	#5	31'-8"	—
h3(E)	5	#5	29'-6"	—
t(E)	56	#5	4'-8"	—
v(E)	56	#5	8'-3"	—
w(E)	4	#5	21'-10"	—
w1(E)	8	#5	31'-1"	—
Reinforcement Bars, Epoxy Coated			Lbs.	1,537
Concrete Structure			Cu Yd	32.00

Min. Bar Lap
#5 Bars - 2'-2"



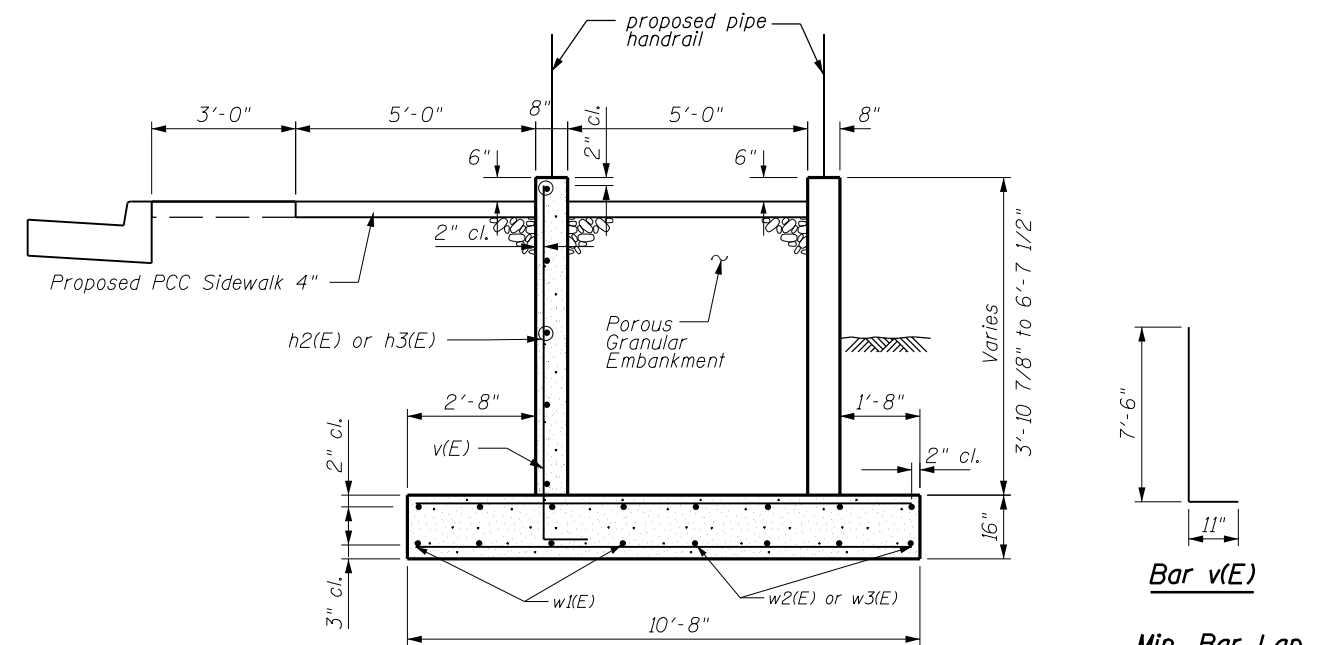
ELEVATION - PANEL 4 THRU 7



BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
h2(E)	15	#5	32'-0"	—
h3(E)	5	#5	29'-8"	—
t(E)	72	#5	4'-8"	—
t1(E)	96	#5	10'-4"	—
v(E)	84	#5	8'-5"	—
w1(E)	40	#5	31'-6"	—
w2(E)	8	#5	22'-6"	—
w3(E)	8	#5	17'-8"	—
Reinforcement Bars, Epoxy Coated			Lbs.	4,427
Concrete Structure			Cu Yd	68.50

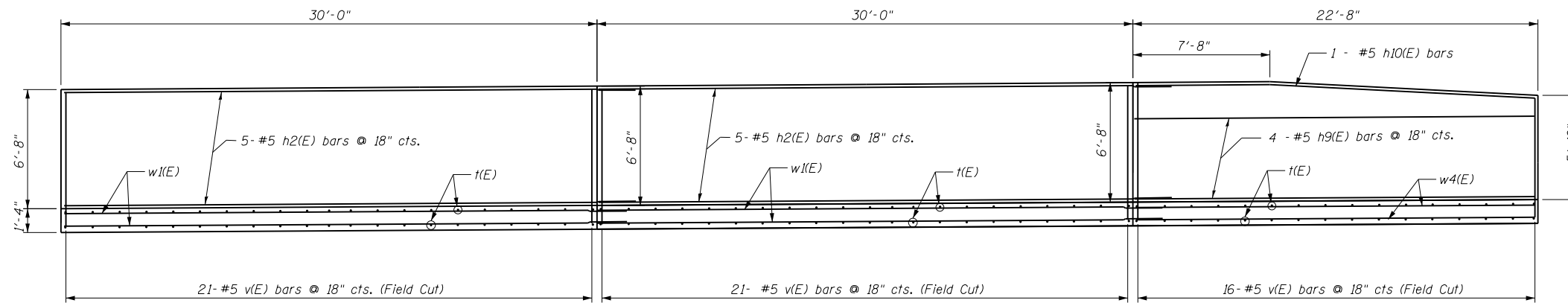
PLAN - PANEL 4 THRU 7



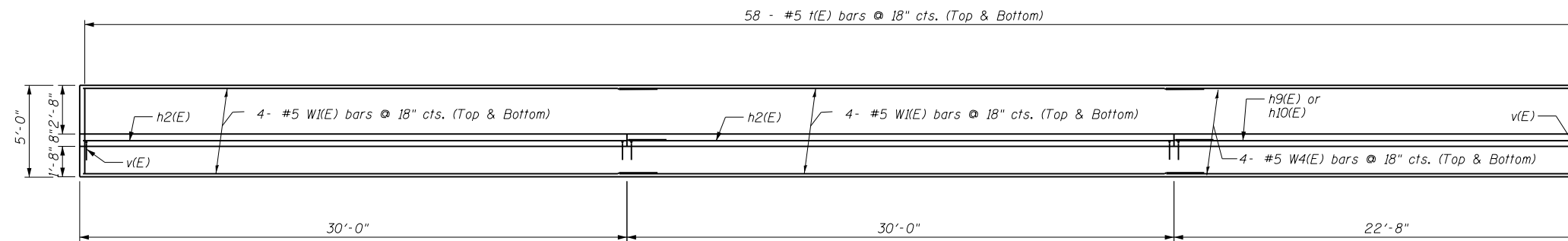
SECTION B-B

Panel 5 and 6

Bar v(E)
Min. Bar Lap
#5 Bars - 2'-2"



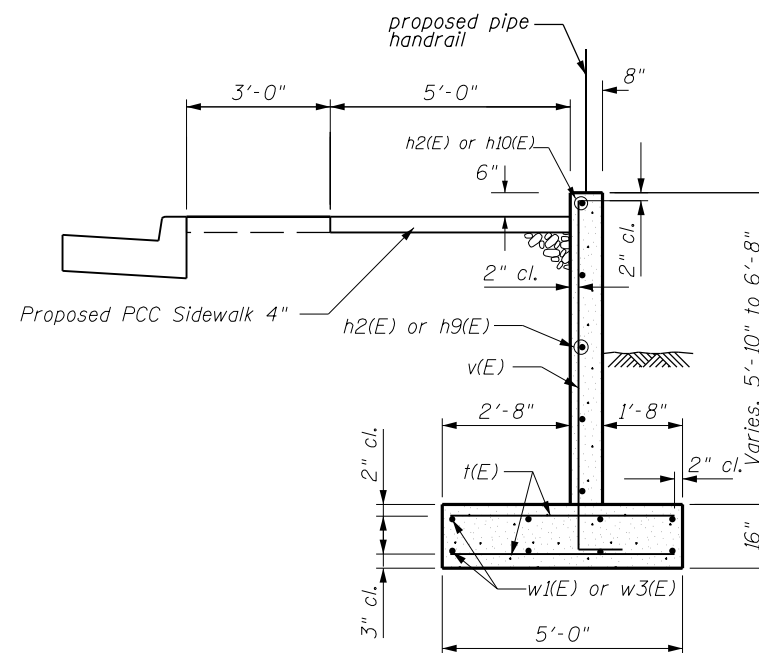
ELEVATION - PANEL 8 THRU 10



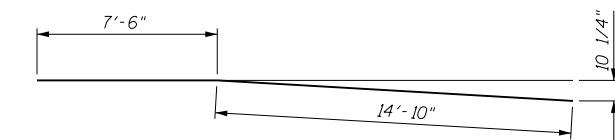
PLAN - PANEL 8 THRU 10

BILL OF MATERIALS

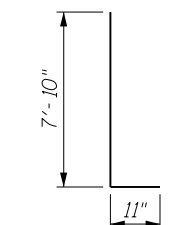
Bar	No.	Size	Length (ft)	Shape
h2(E)	10	#5	32'-0"	—
h9(E)	4	#5	22'-4"	—
h10(E)	1	#5	22'-4"	—
v(E)	58	#5	8'-9"	—
t(E)	58	#5	4'-8"	—
w1(E)	8	#5	31'-1"	—
w4(E)	4	#5	22'-4"	—
Reinforcement Bars, Epoxy Coated			Lbs.	1,615
Concrete Structure			Cu Yd	34.00



SECTION A-A
Panel 8 thru 10



Bar h10(E)



Bar v(E)

Min. Bar Lap
#5 Bars - 2'-2"

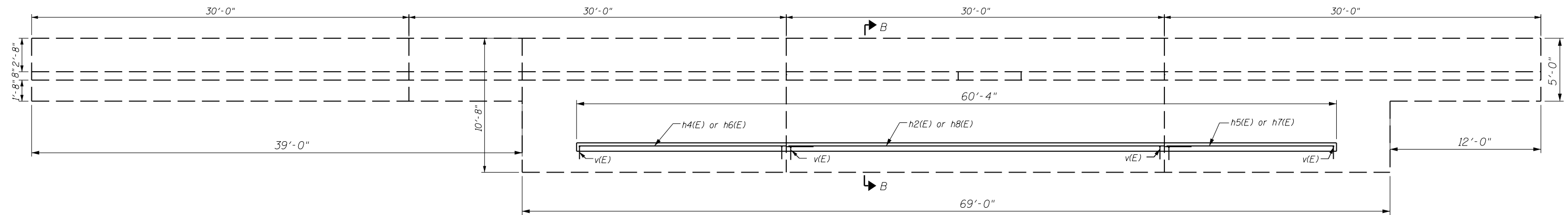
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

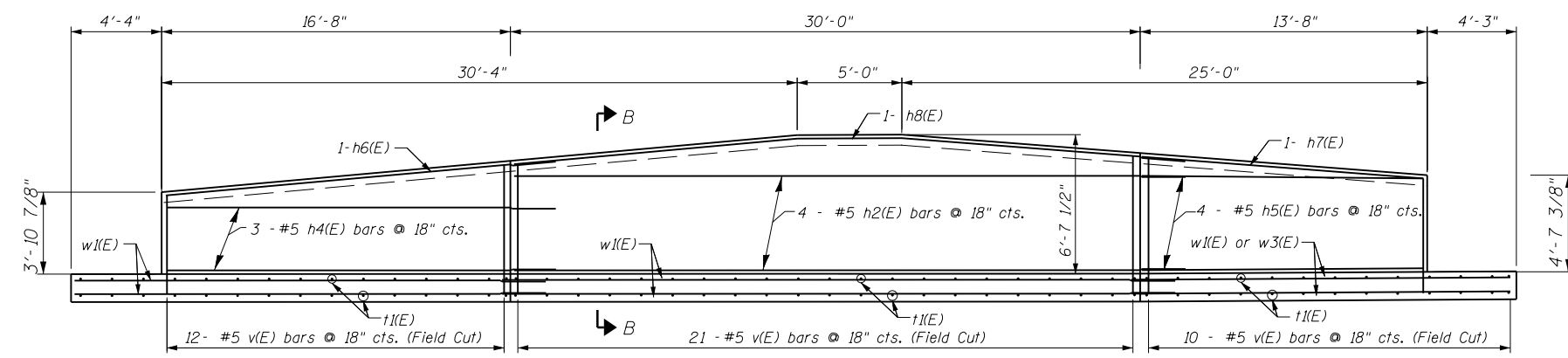
WALL DETAILS
RT.STA. 122 + 54.94 - 123 + 37.62

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	318
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



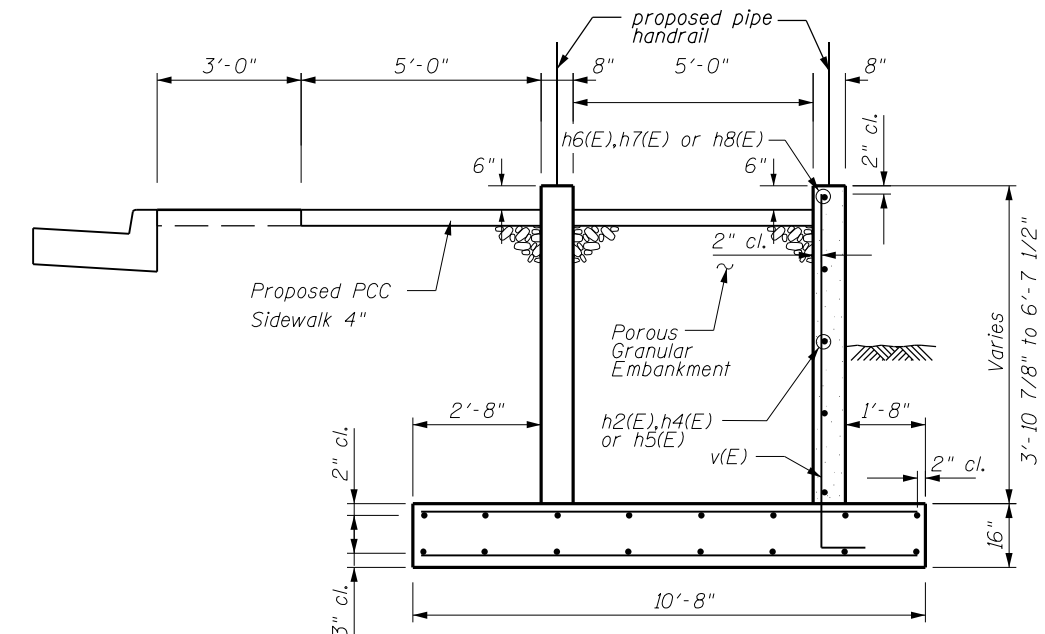
PLAN - PANEL 11 THRU 13



ELEVATION - PANEL 11 THRU 13

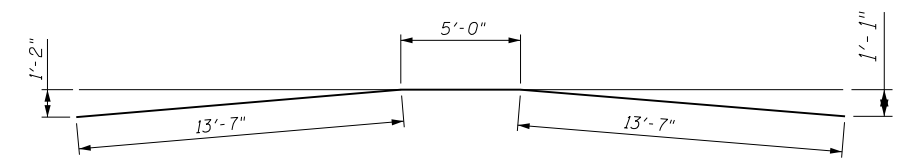
BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
h2(E)	4	#5	32'-0"	—
h4(E)	3	#5	18'-7"	—
h5(E)	4	#5	13'-4"	—
h6(E)	1	#5	18'-8"	—
h7(E)	1	#5	13'-6"	—
h8(E)	1	#5	32'-2"	—
v(E)	43	#5	8'-5"	—
Reinforcement Bars, Epoxy Coated			Lbs.	692
Concrete Structure			Cu Yd	8.50
Porous Granular Embankment			Cu Yd	53.0



SECTION B-B

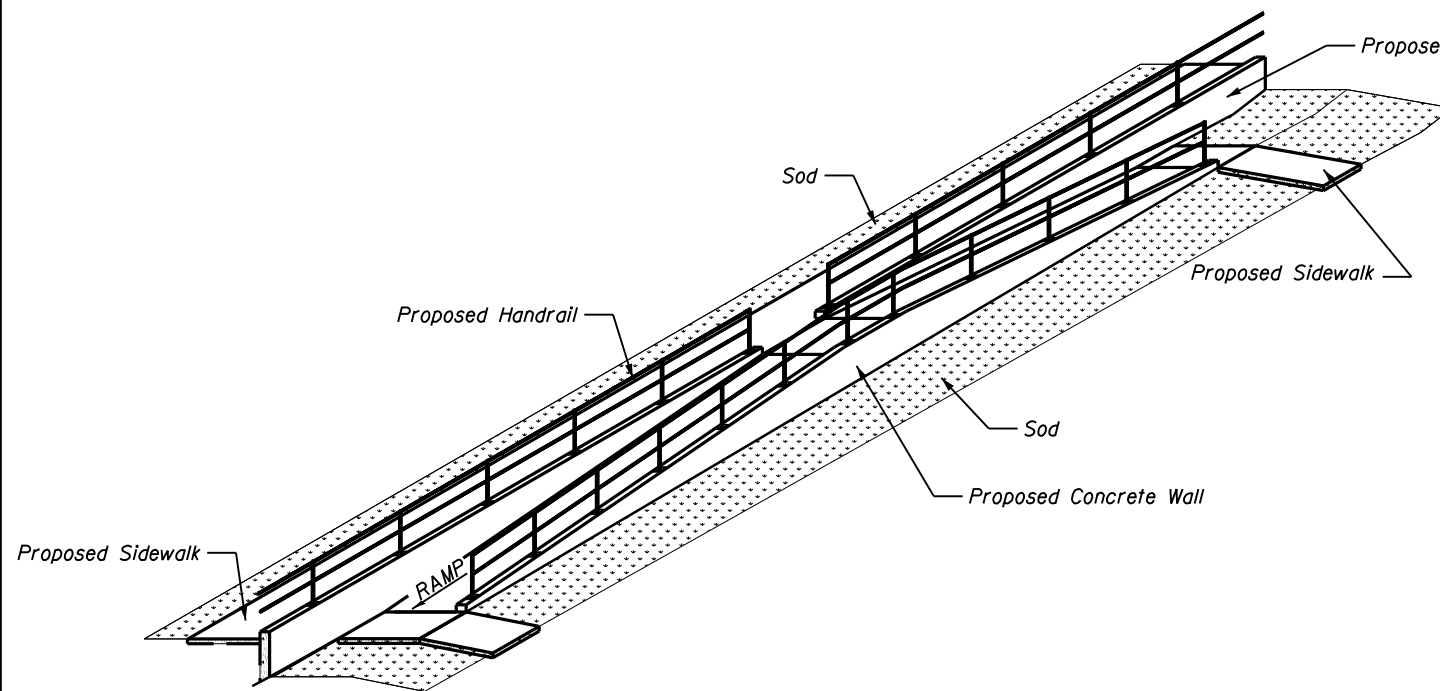
Panel 11 thru 13



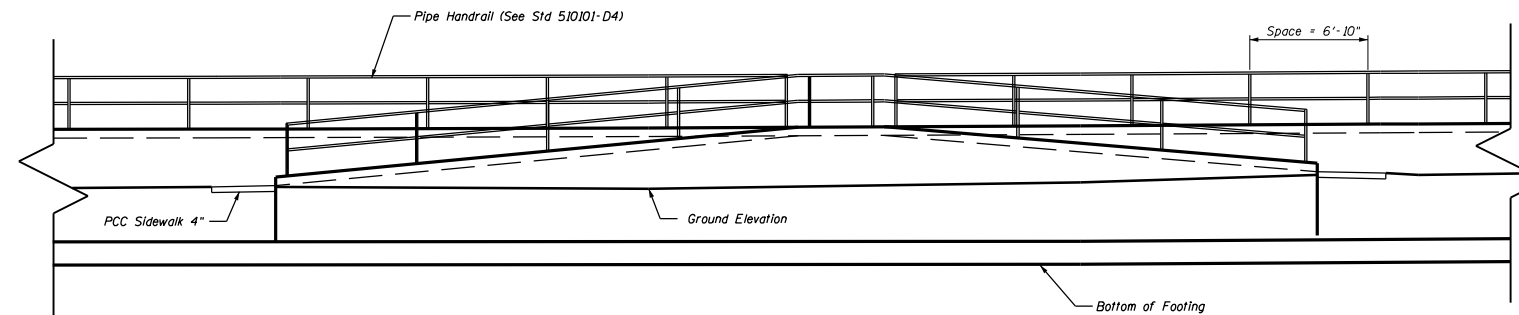
Bar h8(E)

Bar v(E)

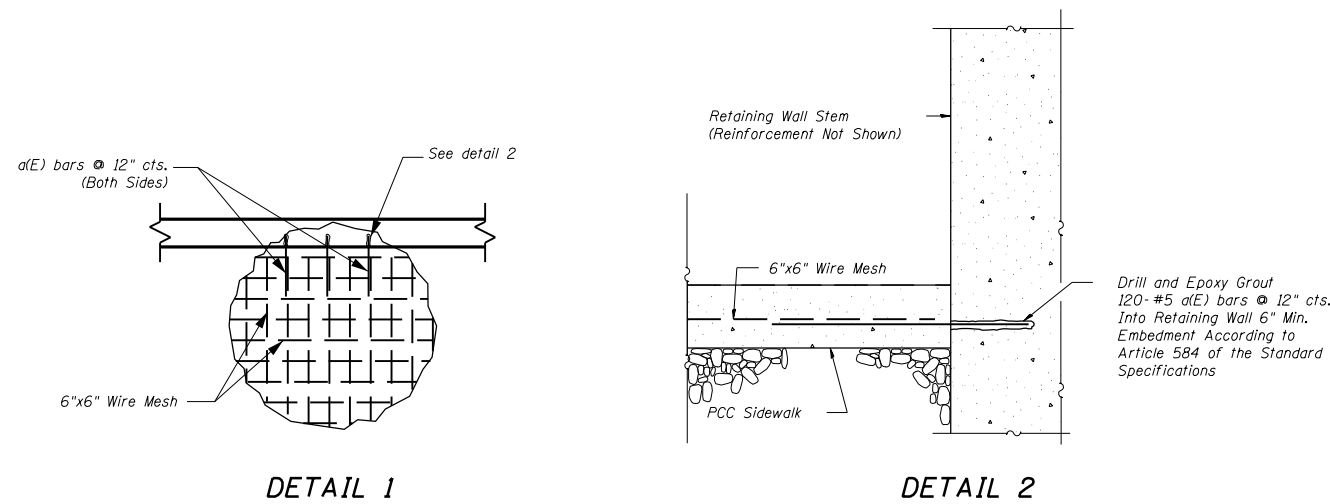
Min. Bar Lap
#5 Bars - 2'-2"



A.D.A RAMP - ISOMETRIC
Not to scale



ELEVATION - A.D.A. RAMP

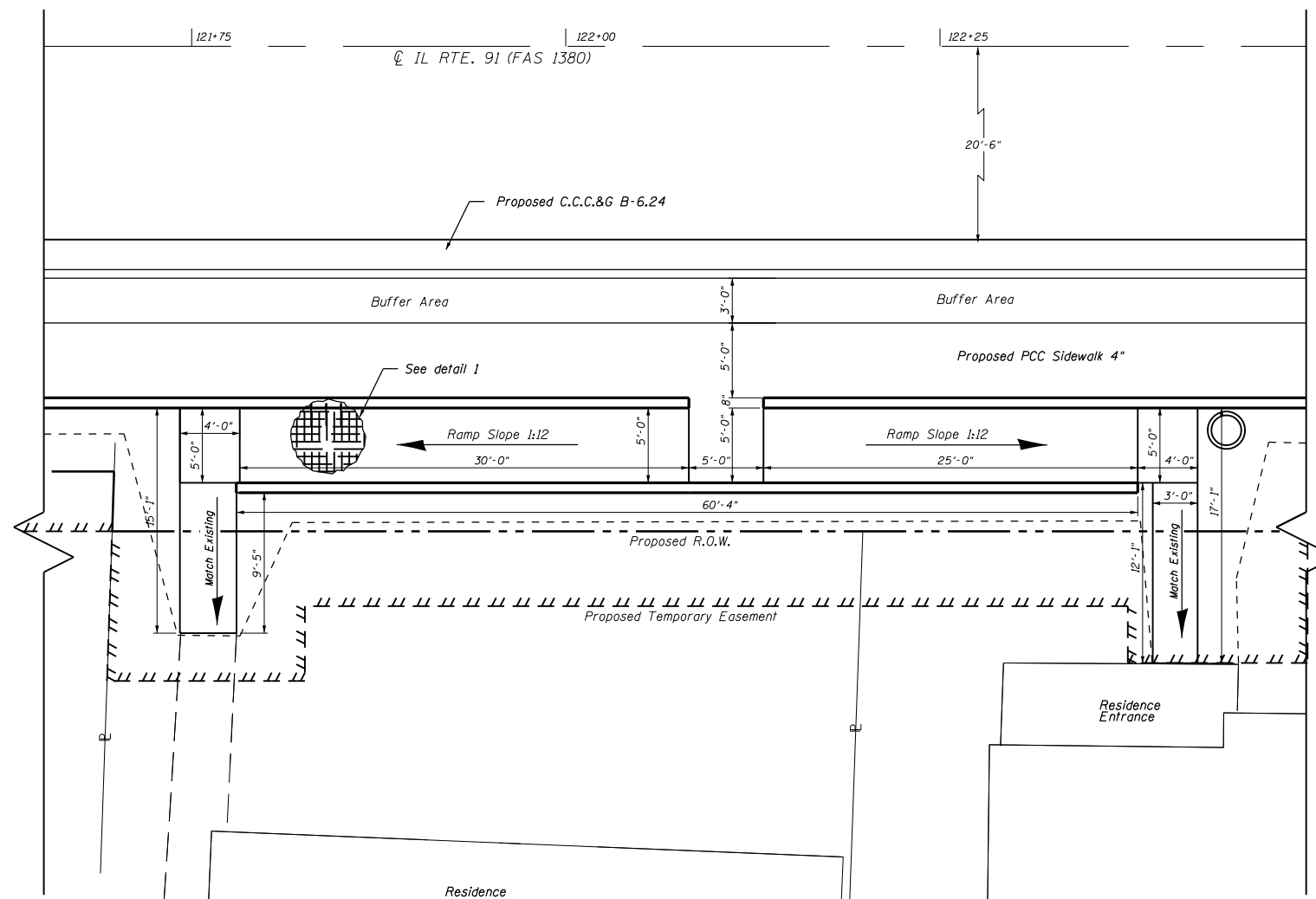


DETAIL 1

DETAIL 2

BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
a(E)	120	#5	2'-8"	—
Reinforcement Bars, Epoxy Coated			Lbs.	334
Pipe Handrail			foot	291.0



PLAN - A.D.A RAMP

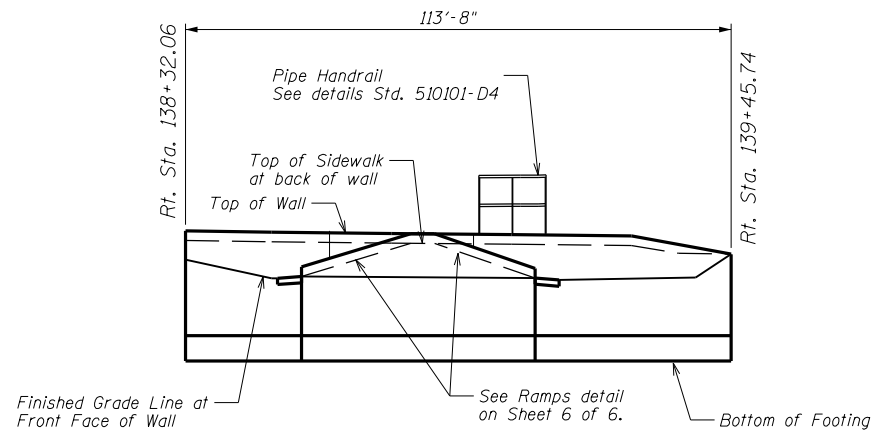
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

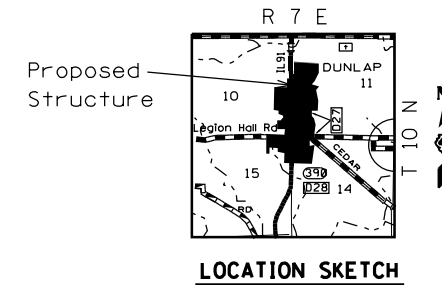
HANDRAIL DETAILS			
RT. STA. 121 + 78.66- 122 + 38.66			
SCALE:	SHEET 9	OF 9 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	320
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

730
725
720
715
710



ELEVATION

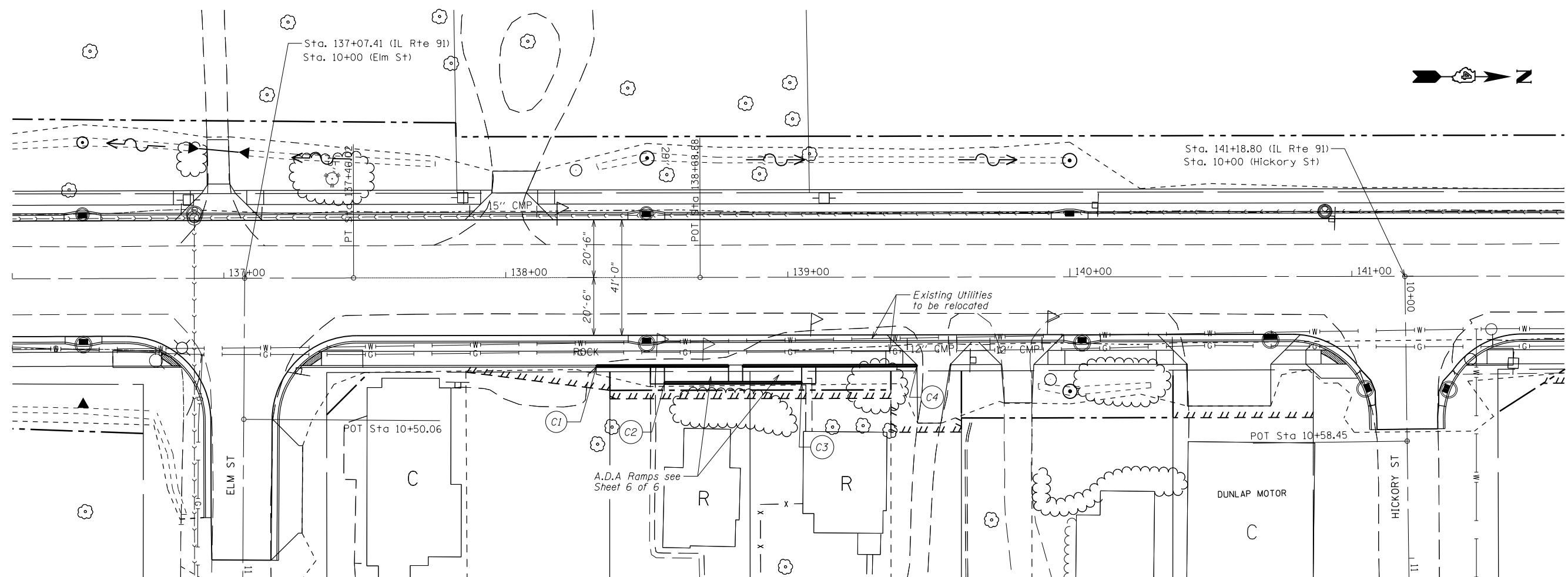


LOCATION SKETCH

POINT	STATION	OFFSET
C1	138+32.06	31.91 Rt.
C2	138+56.19	37.74 Rt.
C3	139+04.84	37.74 Rt.
C4	139+45.74	31.91 Rt.

WALL CONTROL POINTS

Wall offsets are measured from \varnothing IL 91 to the front face of wall panels



PLAN

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

GENERAL PLAN & ELEVATION
CONCRETE WALL & RAMPS
F.A.S 1380 - SEC 7W-1, RS-3
PEORIA COUNTY
RT. STATION 138+32.06 TO 139+45.74

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
CONCRETE WALL & RAMPS

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	321
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

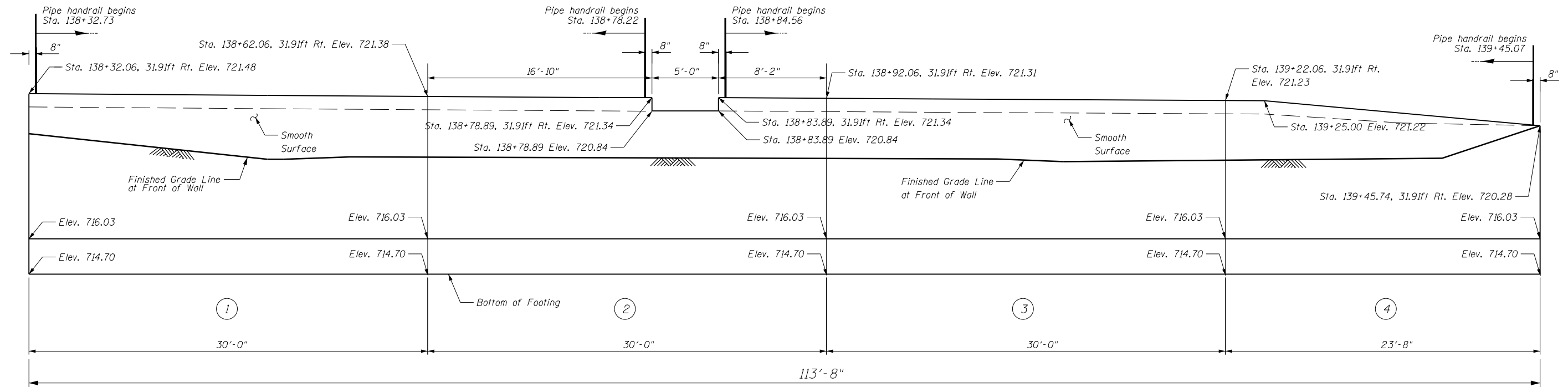
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. All construction joints shall be bonded..

TOTAL BILL OF MATERIAL

<i>Item</i>	<i>Unit</i>	<i>Total</i>
Reinforcement Bars, Epoxy Coated	Pound	4,912
Concrete Structure	Cu. Yd.	63
Porous Granular Embankment	Cu. Yd.	36
Pipe Handrail	Foot	153.30

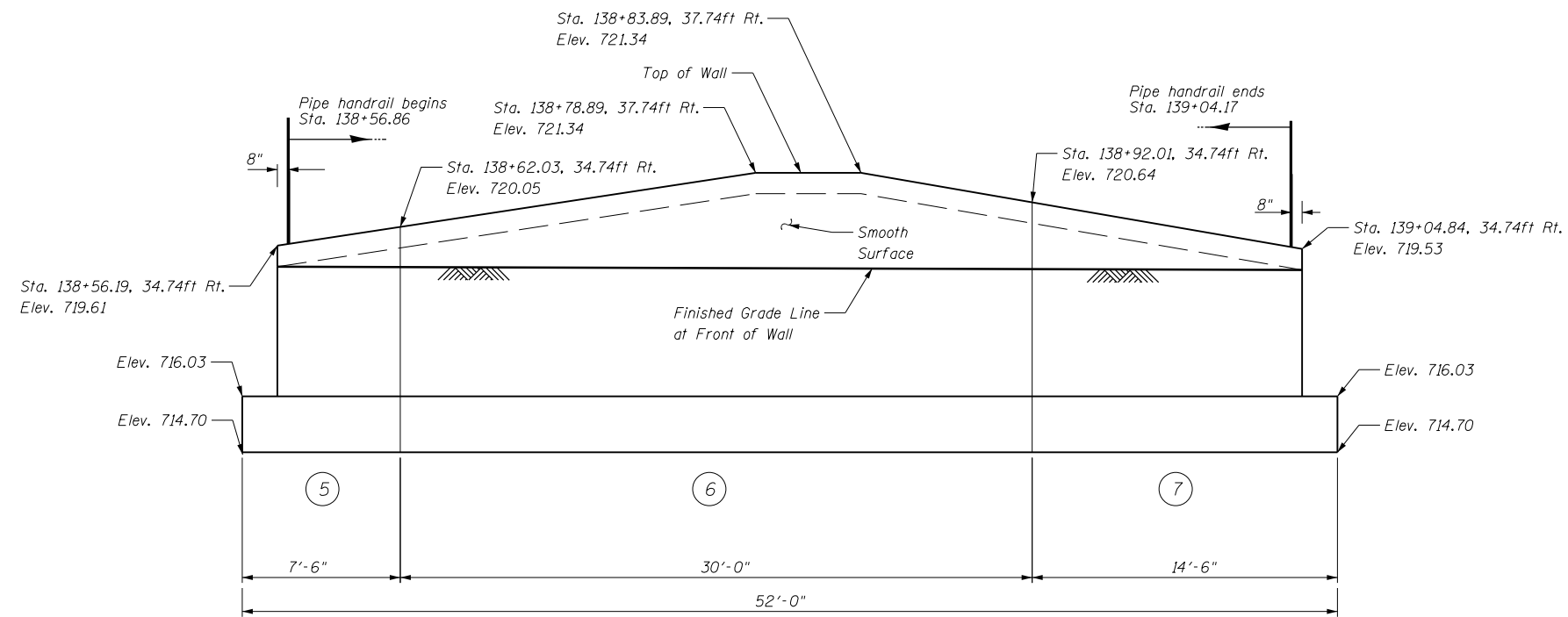
INDEX OF SHEETS

1. General Plan & Elevation
2. General Notes
3. Wall Facing Section Panel 1 - 7
4. Wall Detail Panel 1-4
5. Wall Detail Panel 5-7
6. A.D.A. Ramps Detail



ELEVATION

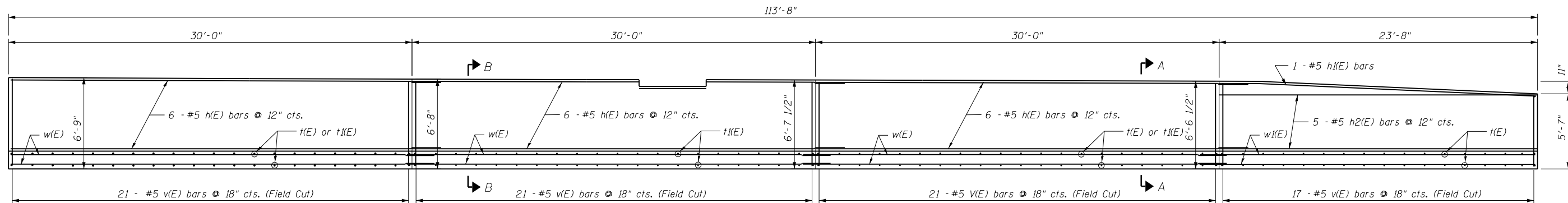
Panels 1-4



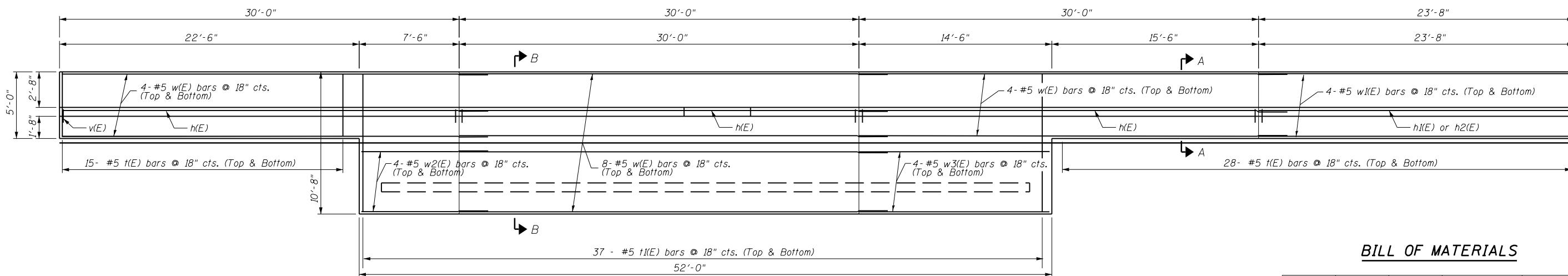
ELEVATION

Panels 5-7

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL ELEVATION PLANS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Plot Scale = 40.0000' / in.	DRAWN -	REVISED -		RT. STA. 138 + 32.06 - 139 + 45.74			1380	7W-1,RS-3	Peoria	617	323
	PLOT DATE = 8/15/2013	CHECKED -	REVISED -		SCALE:	SHEET 3	OF 9 SHEETS	STA.	TO STA.	CONTRACT NO. 88792		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



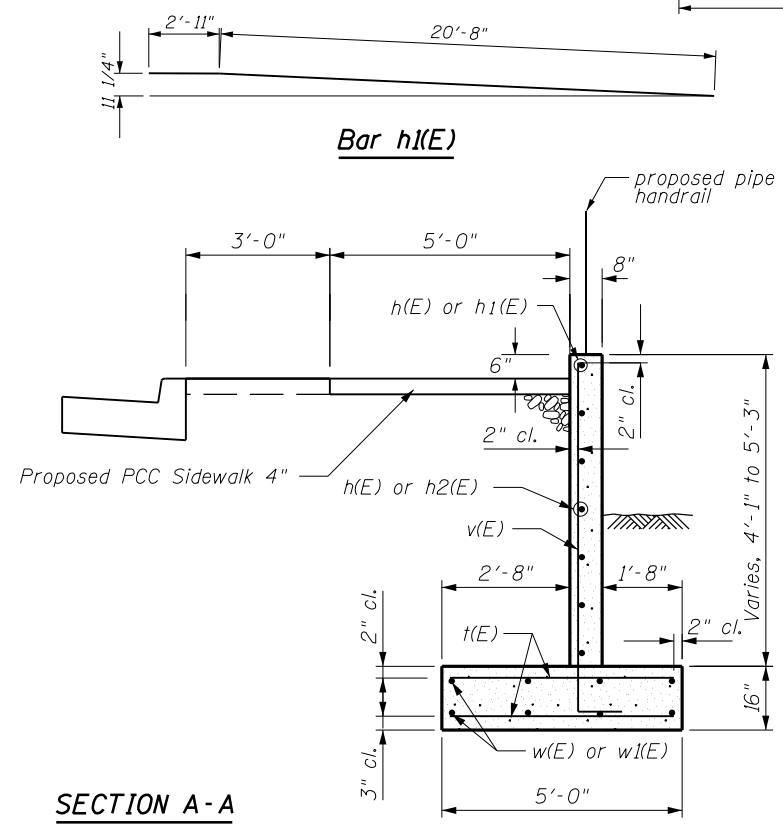
ELEVATION - PANEL 1 THRU 4



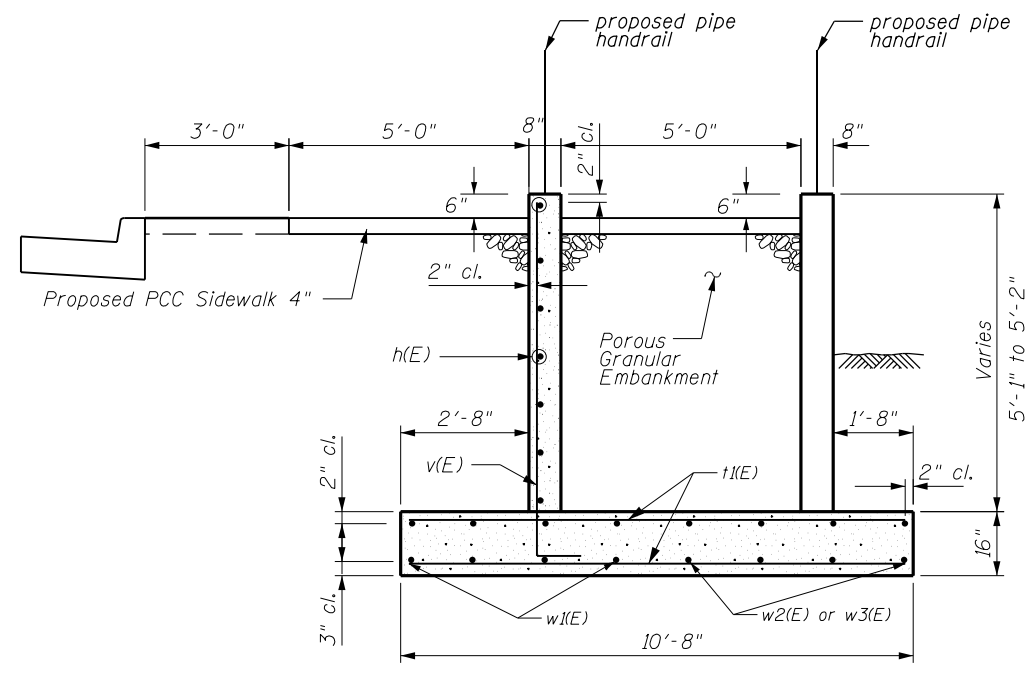
PLAN - PANEL 1 THRU 4

BILL OF MATERIALS

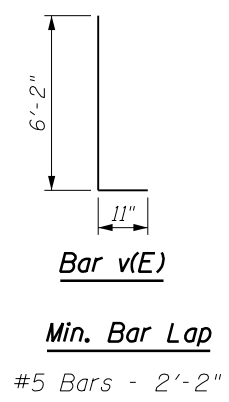
Bar	No.	Size	Length (ft)	Shape
h(E)	18	#5	32'-1"	—
h1(E)	1	#5	23'-7"	—
h2(E)	5	#5	23'-6"	—
t(E)	86	#5	4'-8"	—
t1(E)	74	#5	10'-4"	—
v(E)	80	#5	7'-1"	—
w(E)	32	#5	32'-0"	—
w1(E)	8	#5	23'-4"	—
w2(E)	8	#5	9'-6"	—
w3(E)	8	#5	14'-2"	—
Reinforcement Bars, Epoxy Coated			Lbs.	4,017
Concrete Structure			Cu Yd	57.50



SECTION A-A
Panel 1, 3 & 4



SECTION B-B
Panel 1 thru 3



Min. Bar Lap
#5 Bars - 2'-2"

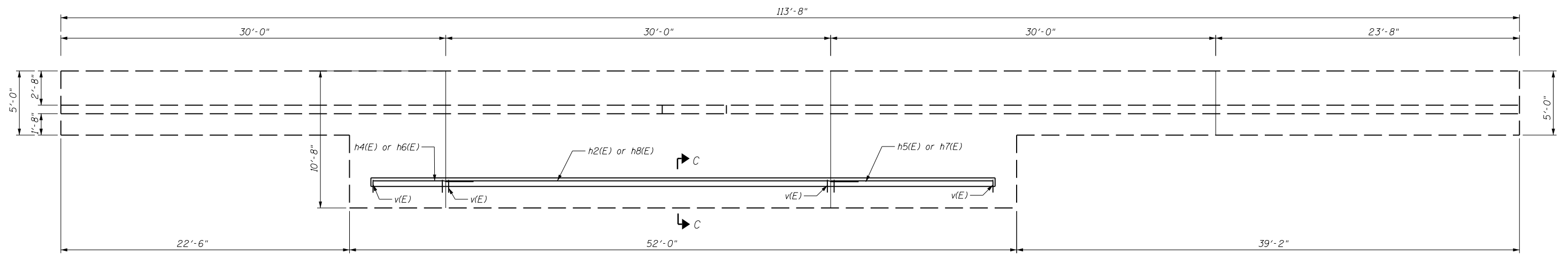
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

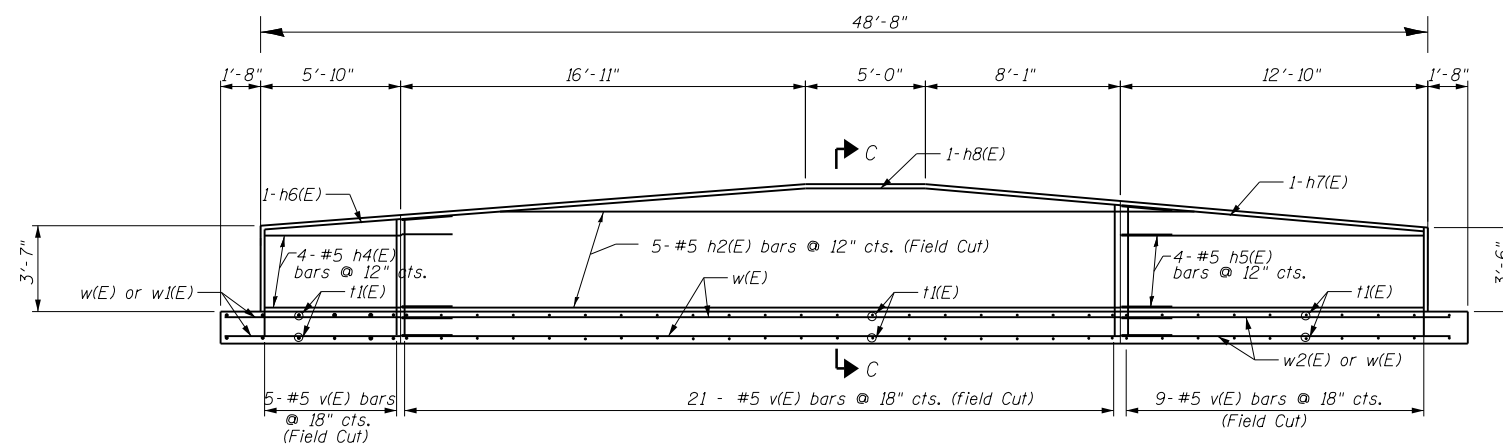
WALL DETAILS
RT. STA. 138 + 32.06 - 139 + 45.74

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	324
				CONTRACT NO. 88792
ILLINOIS FED. AID PROJECT				

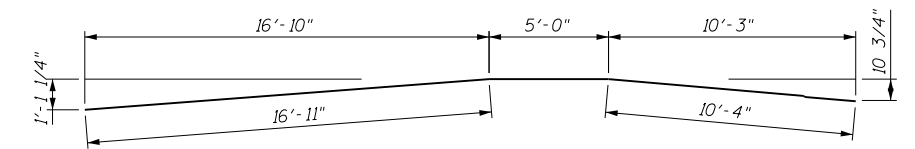
SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.



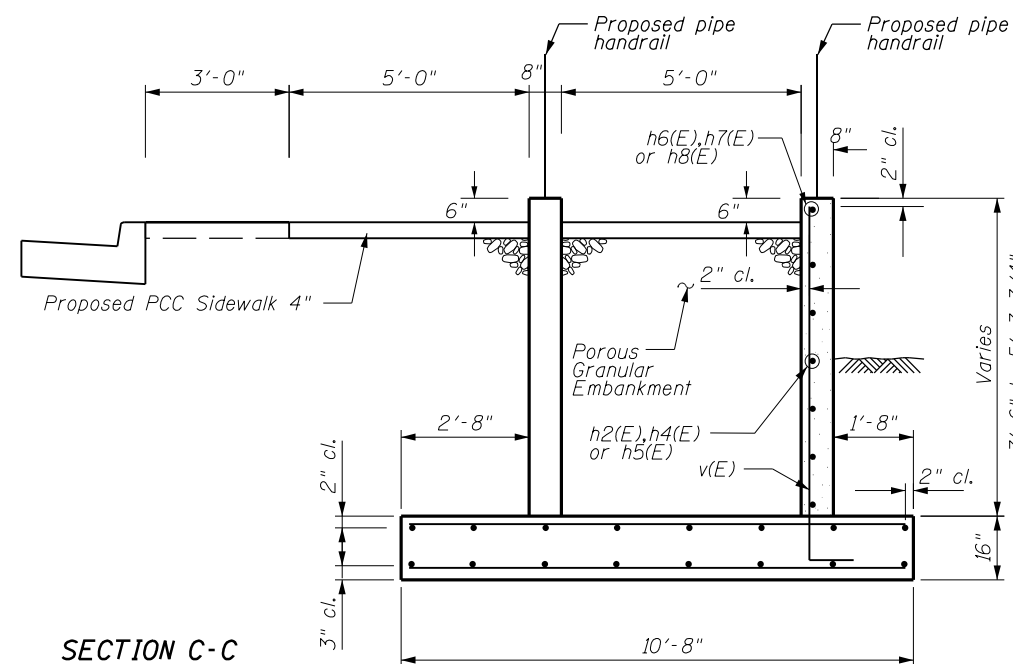
PLAN - PANEL 5 THRU 7



ELEVATION - PANEL 5 THRU 7



Bar h8(E)

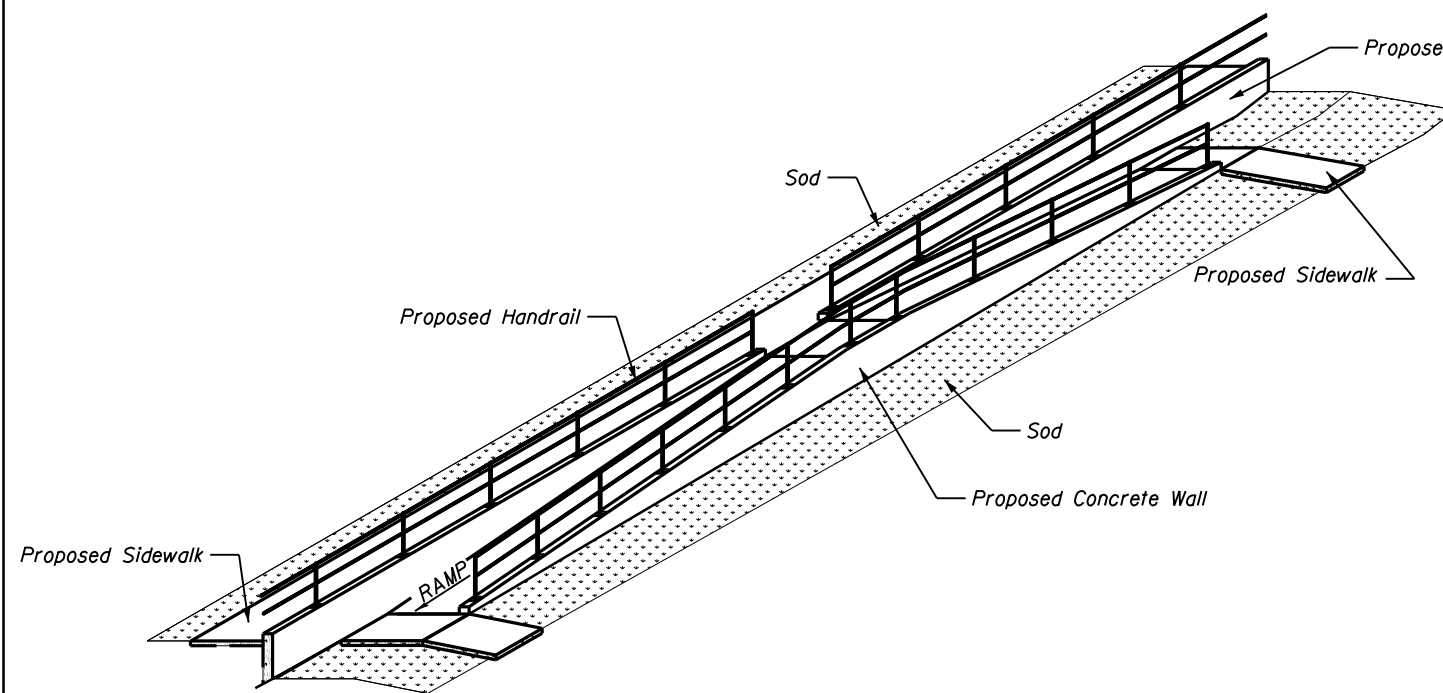


SECTION C-C
Panel 5 thru 7

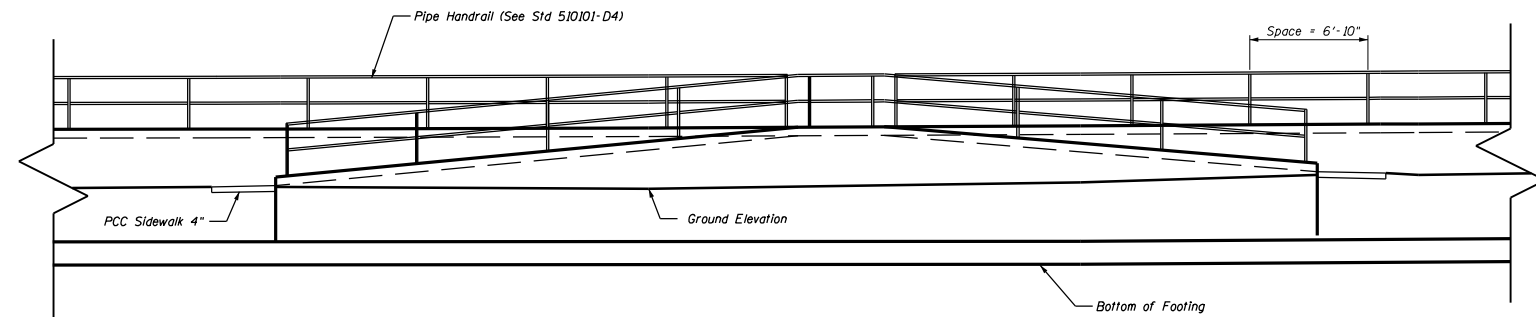
BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
h2(E)	5	#5	32'-1"	—
h4(E)	4	#5	7'-10"	—
h5(E)	4	#5	12'-6"	—
h6(E)	1	#5	7'-10"	—
h7(E)	1	#5	12'-7"	—
h8(E)	1	#5	32'-3"	—
v(E)	35	#5	7'-1"	—
Reinforcement Bars, Epoxy Coated			Lbs.	566
Concrete Structure			Cu Yd	5.50
Porous Granular Embankment			Cu Yd	36.0

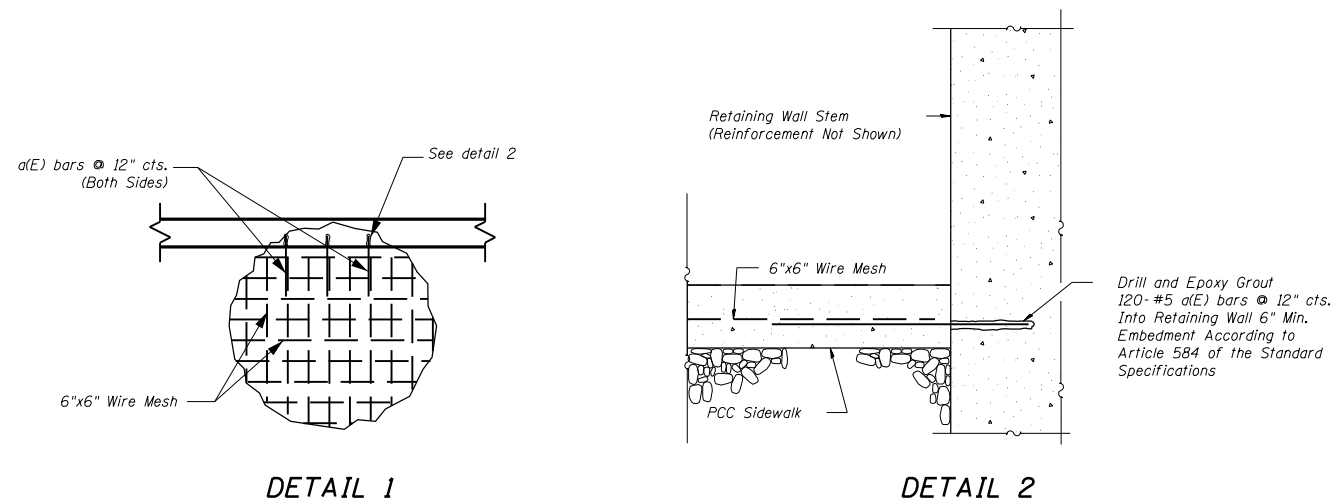
Min. Bar Lap
#5 Bars - 2'-2"



A.D.A RAMP - ISOMETRIC
Not to scale



ELEVATION - A.D.A. RAMP

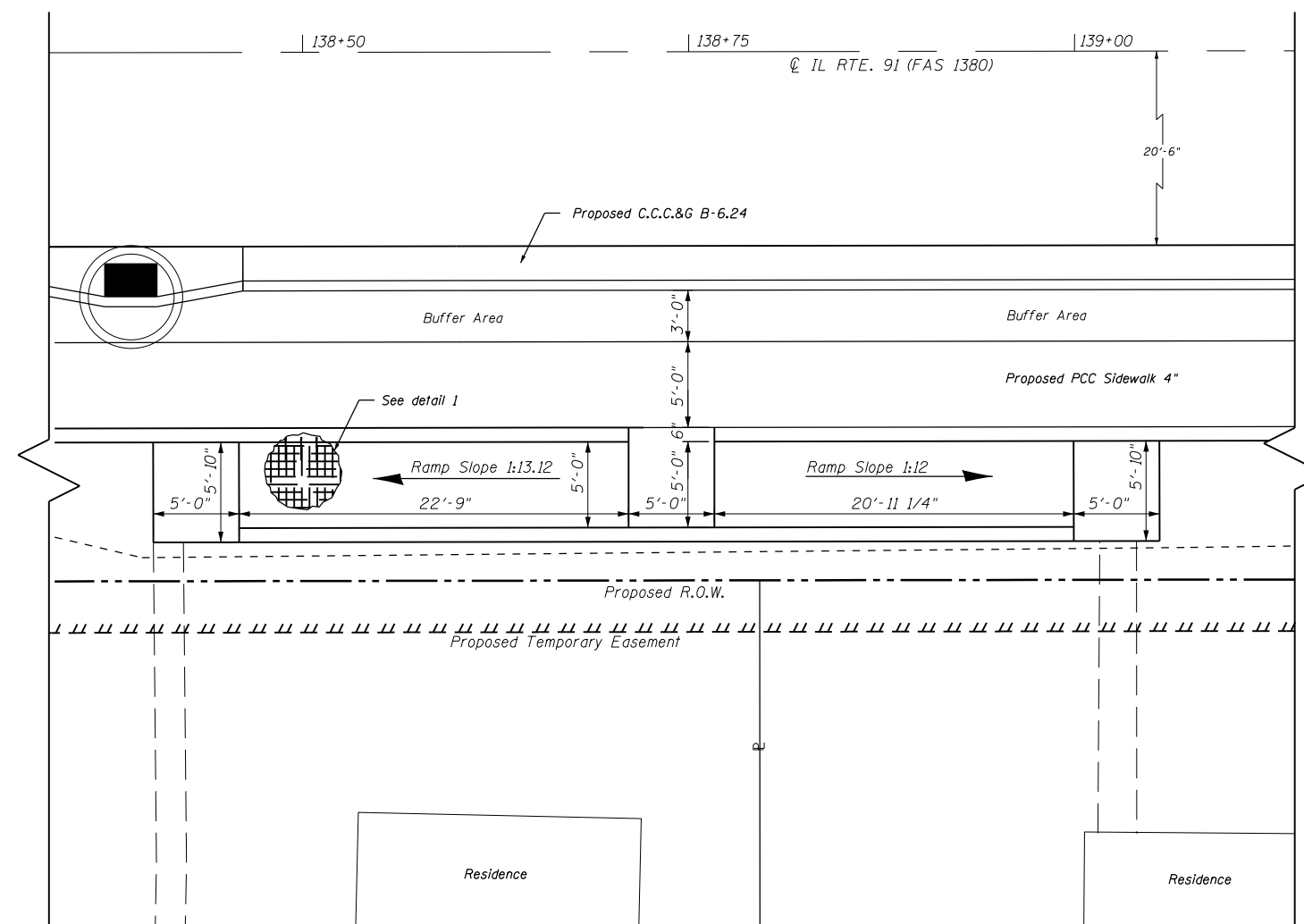


DETAIL 1

DETAIL 2

BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
a(E)	118	#5	2'-8"	—
Reinforcement Bars, Epoxy Coated			Lbs.	329.00
Pipe Handrail			foot	153.30



PLAN - A.D.A. RAMP

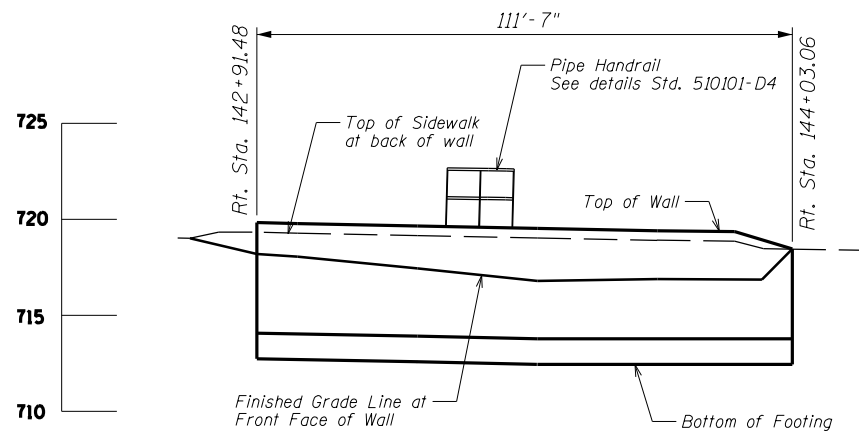
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	PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

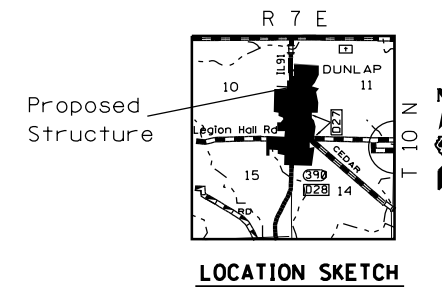
HANDRAIL DETAILS
RT. STA. 138 + 56.19 - 139 + 04.84

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

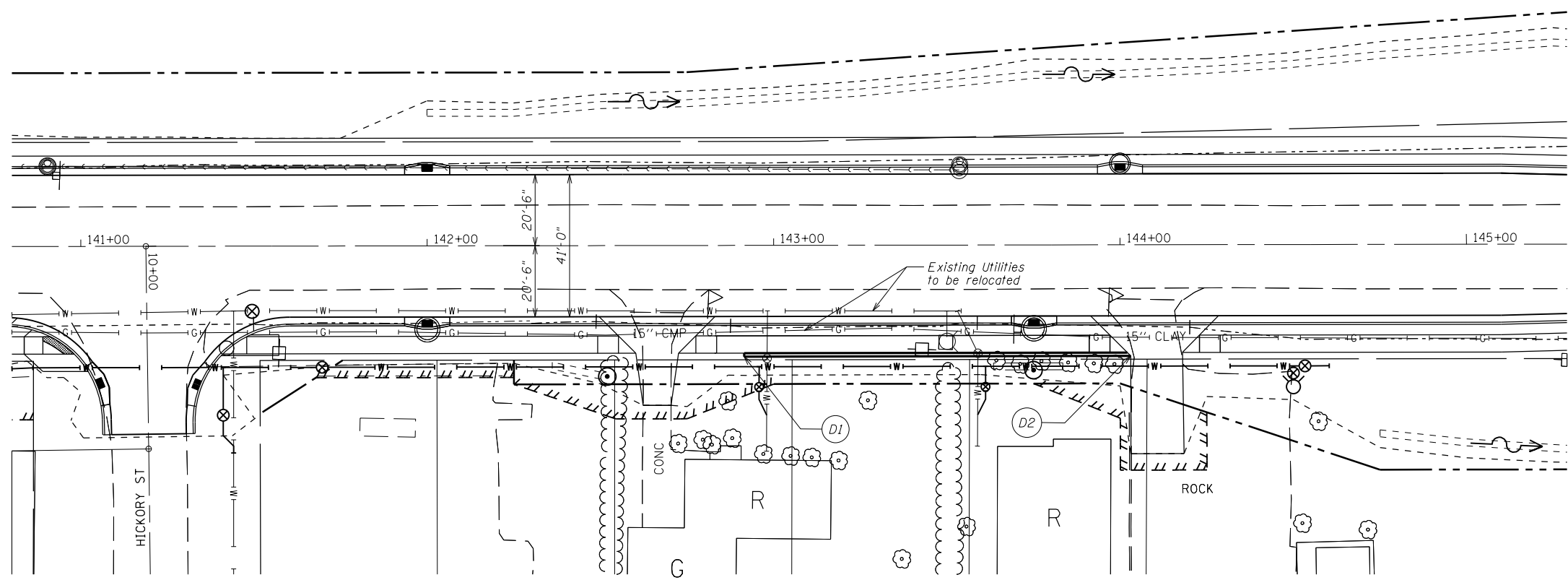
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	326
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



ELEVATION



LOCATION SKETCH



PLAN

Point	Station	Offset
D1	142+91.48	32.08 Rt.
D2	144+03.06	32.08 Rt.

WALL CONTROL POINTS

Wall offsets are measured from \odot IL 91 to the front face of wall panels

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

GENERAL PLAN & ELEVATION
CONCRETE WALL
F.A.S 1380 - SEC 7W-1, RS-3
PEORIA COUNTY
RT. STATION 142+91.48 TO 144+03.06

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
et:\pw\work\p\dot\crespole\d0330150\048792-sht-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
CONCRETE WALL

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	327
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

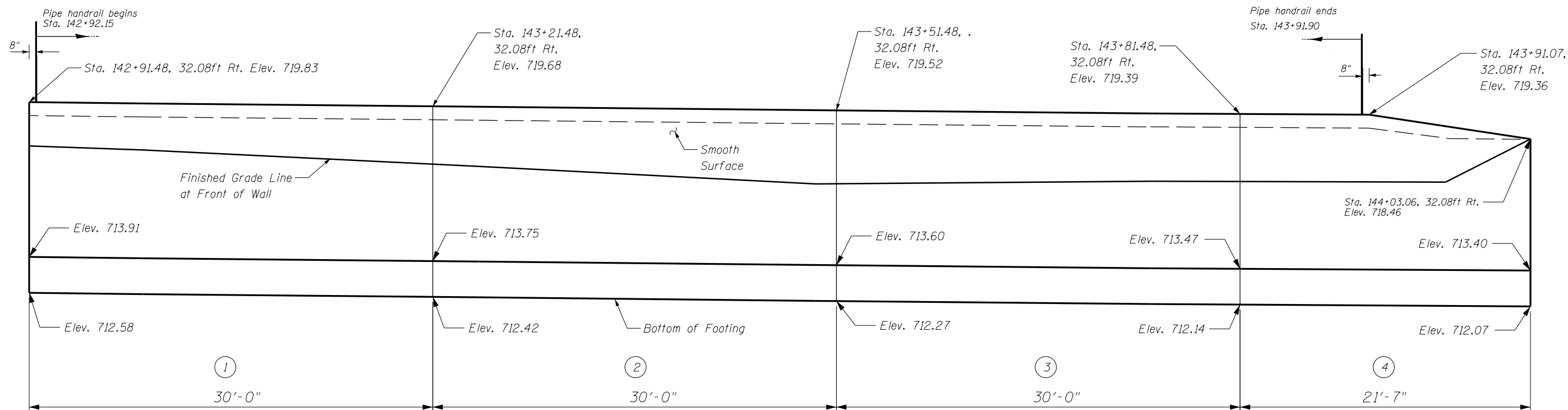
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. All construction joints shall be bonded..

INDEX OF SHEETS

1. General Plan & Elevation
2. General Notes & Wall Facing Section Panel 1-4
3. Wall Detail Panel 1-4

TOTAL BILL OF MATERIAL

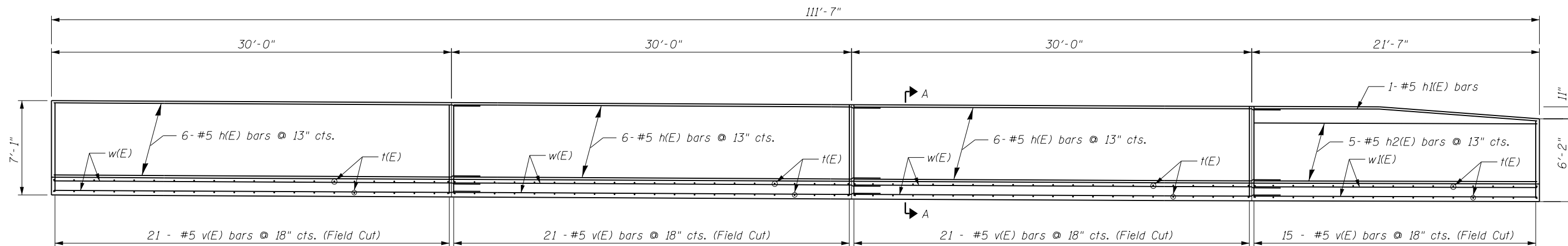
Item	Unit	Total
Reinforcement Bars, Epoxy Coated	Pound	3,098
Concrete Structure	Cu. Yd.	43.50
Pipe Handrail	Foot	99.0



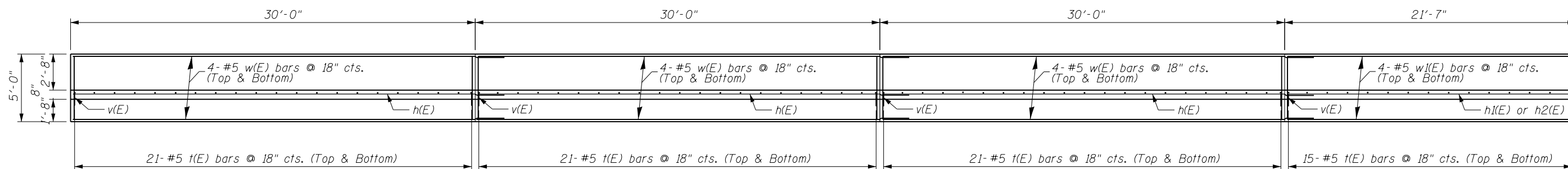
ELEVATION

Panels 1-4

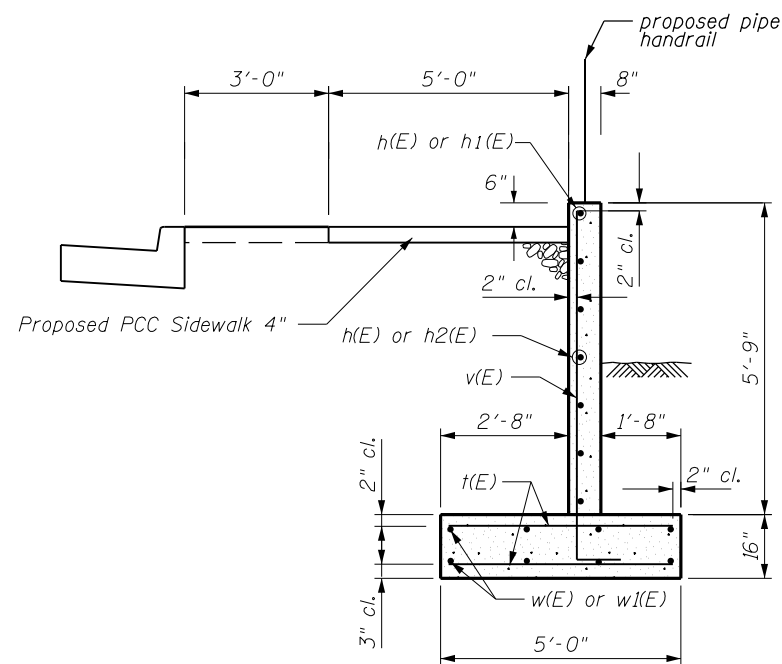
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Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			1380	7W-1,RS-3	Peoria	617	328	
	PLOT DATE = 8/15/2013	CHECKED -	REVISED -			CONTRACT NO. 88792					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



ELEVATION - PANEL 1 THRU 4

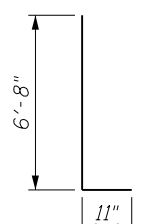


PLAN - PANEL 1 THRU 4



SECTION A-A

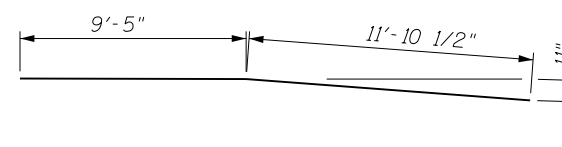
Panel 1, 3 & 4



Bar v(E)

Min. Bar Lap

#5 Bars - 2'-2"



Bar h1(E)

BILL OF MATERIALS

Bar	No.	Size	Length (ft)	Shape
h(E)	18	#5	32'-1"	—
h1(E)	1	#5	21'-3 1/2"	↘
h2(E)	5	#5	21'-3"	—
t(E)	156	#5	4'-8"	—
v(E)	78	#5	7'-8"	└
w(E)	24	#5	32'-0"	—
w1(E)	8	#5	21'-3"	—
Reinforcement Bars, Epoxy Coated			Lbs.	3,098
Concrete Structure			Cu Yd	43.50

Min. Bar Lap

#5 Bars - 2'-2"

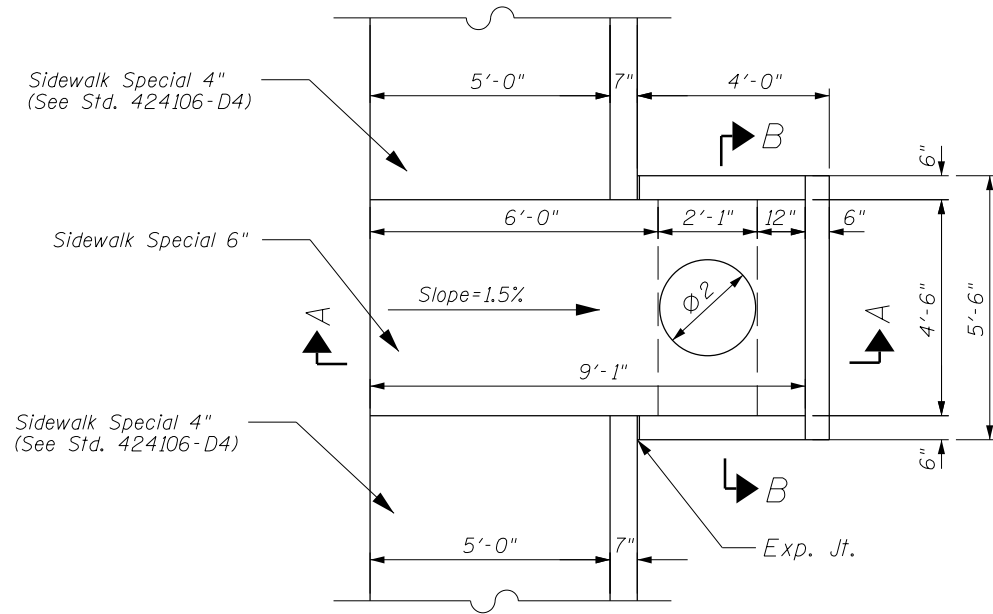
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

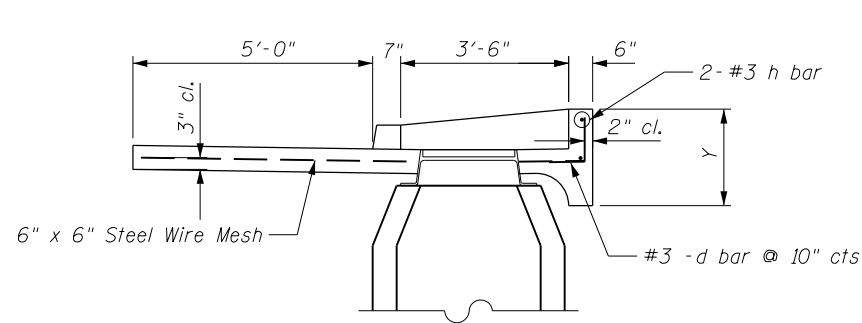
**WALL DETAILS
RT. STA. 142+91.48 - 144+03.06**

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

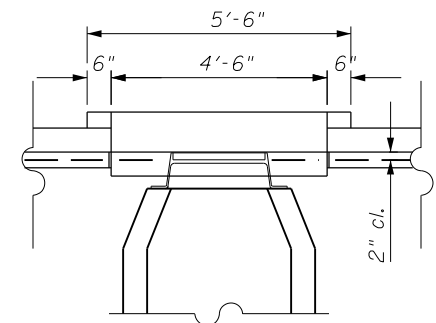
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	329
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



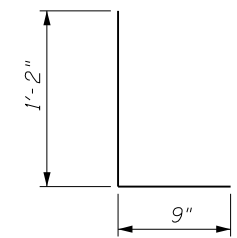
Plan View Detail
Not to scale



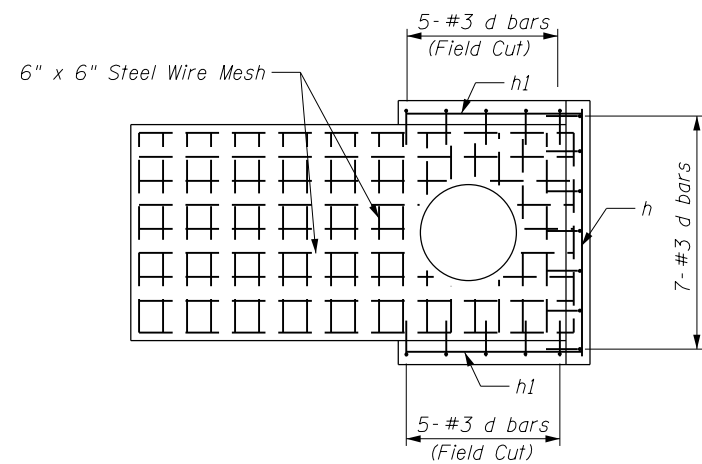
Section A-A
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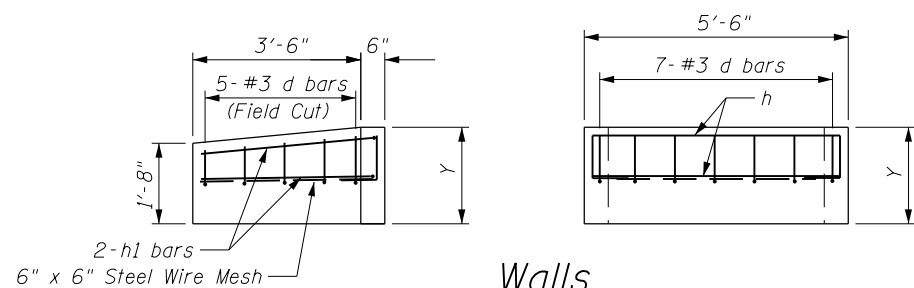
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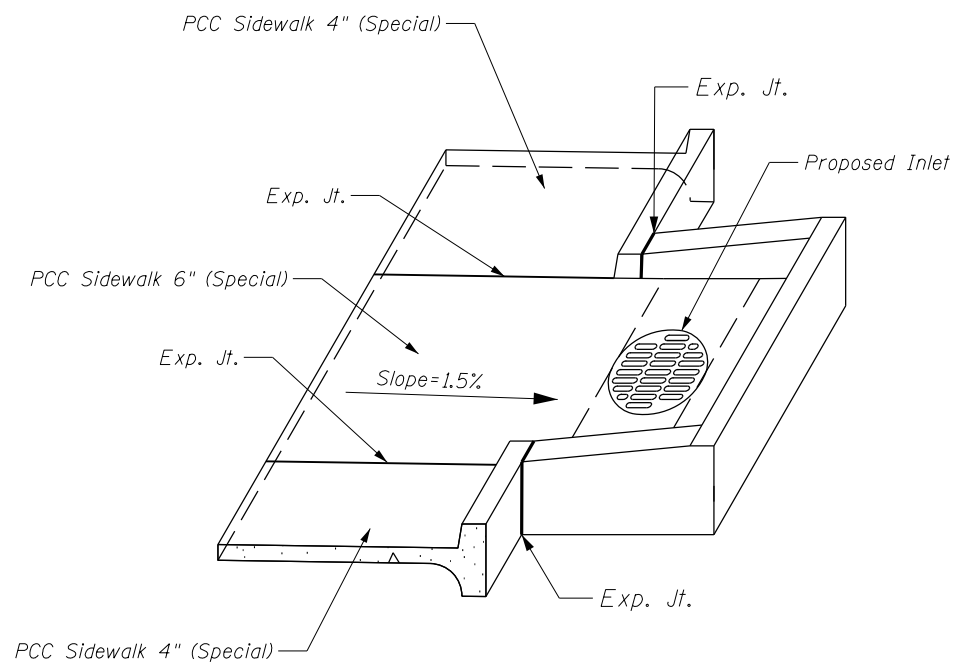
Bar "d"
Not to scale



Plan Reinforcement
Not to scale



Walls Reinforcement
Not to scale



Isometric Detail
Not to scale

FOR INFORMATION ONLY
BILL OF MATERIALS PER LOCATION

Bar	No.	Size	Length (ft)	Shape
d	10	#3	1'-11"	└┘
h	2	#3	5'-2"	—
h1	4	#3	3'-8"	—
Reinforcement Bars,			Lbs.	16.63
6" X 6" Steel Wire Mesh			Sq. Ft.	38.00
Class SI Concrete			Cu. Yd.	1.25

FOR INFORMATION ONLY

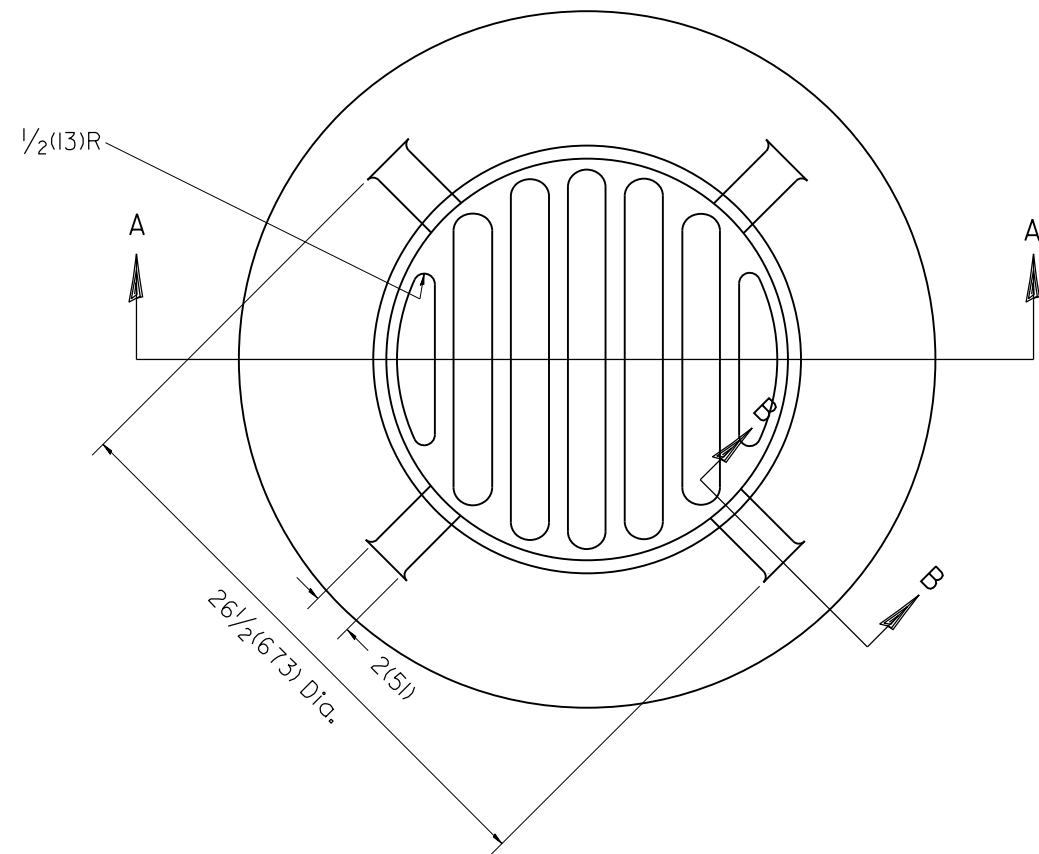
Location	"y" (Foot)	Type of Drainage Structure
Lt. Sta. 121+71.22	2'-0"	Inlet type B
Lt. Sta. 122+00.00	2'-3"	Inlet type B
Lt. Sta. 122+44.57	2'-0"	Inlet type B
Lt. Sta. 123+43.31	2'-0"	Inlet type A
Lt. Sta. 129+46.86	2'-1"	Inlet type B
Lt. Sta. 129+98.46	2'-2"	Inlet type B
Lt. Sta. 130+46.49	2'-0"	Inlet type A
Lt. Sta. 132+25.00	2'-0"	Inlet type A
Total Reinforcement Bars,	Lbs.	133.00
Total 6" X 6" Steel Wire Mesh (For Information Only)	Sq. Ft.	304.00
Total Class SI Concrete	Cu. Yd.	10.00

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
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	PLOT DATE = 8/15/2013	DATE -	REVISED -

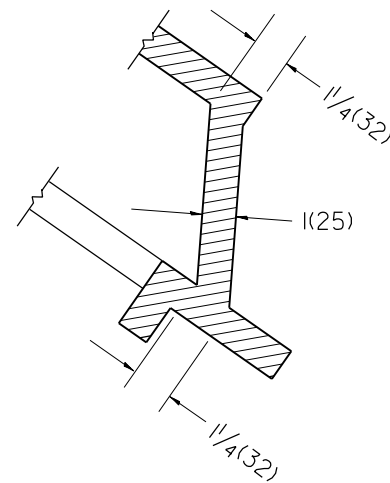
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC SIDEWALK 6" (SPECIAL)			
DETAILS			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	330
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				



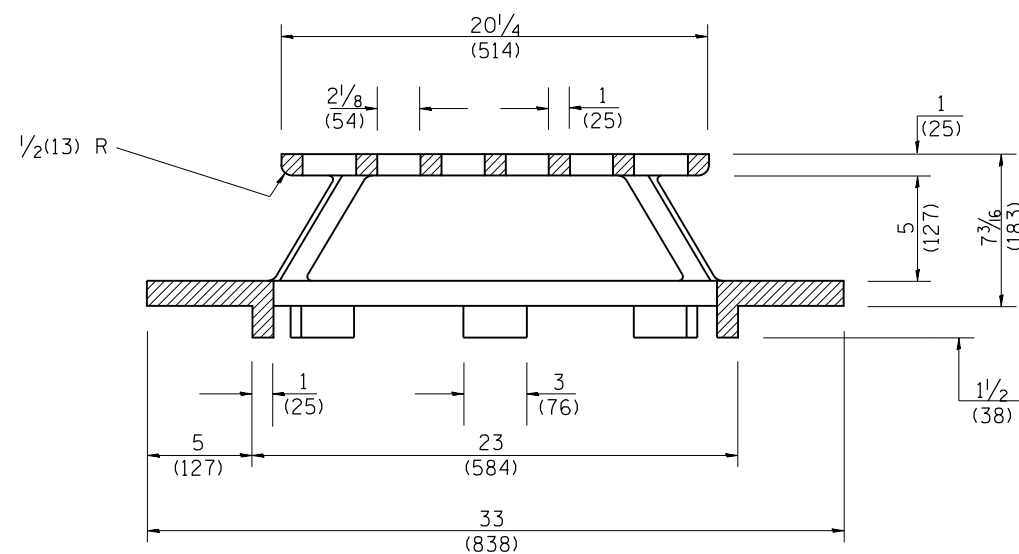
PLAN



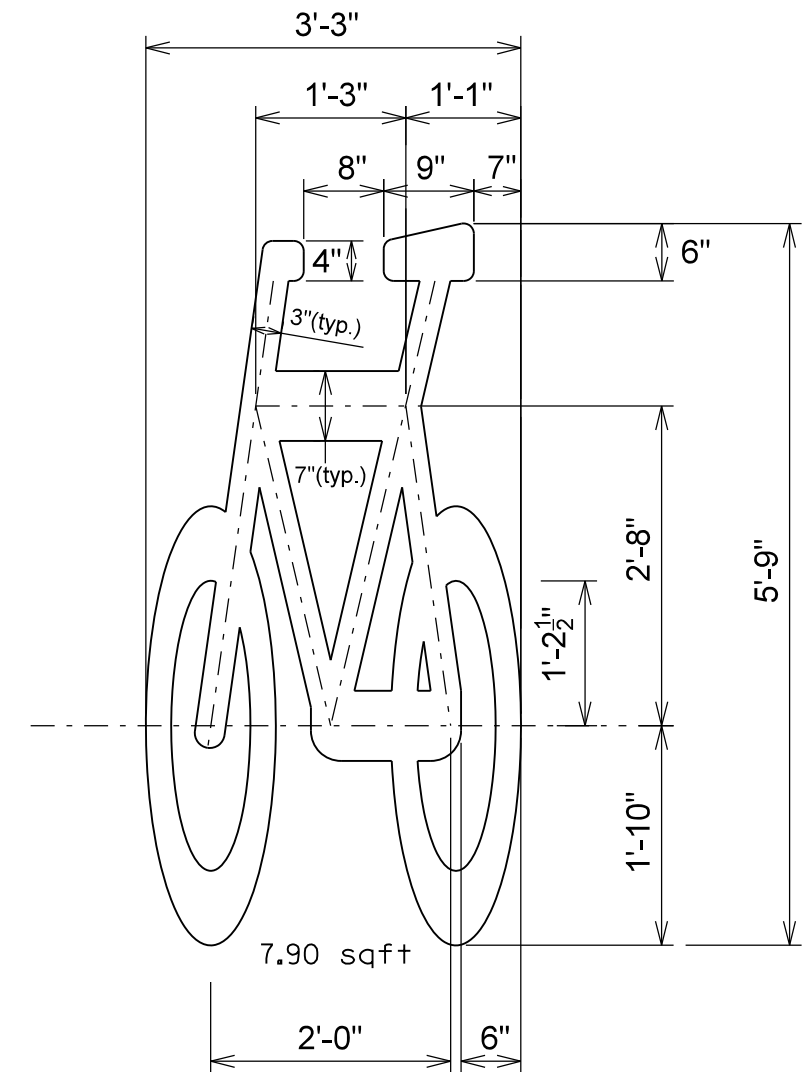
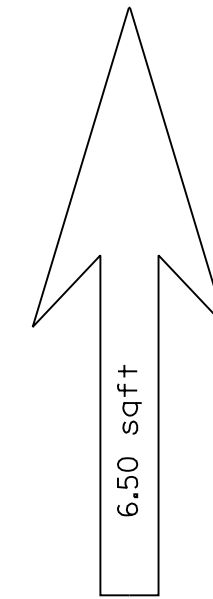
SECTION B - B

GENERAL NOTES

1. MATERIAL - Cast Gray Iron
Weight 209 lbs (95 kg)



SECTION A - A



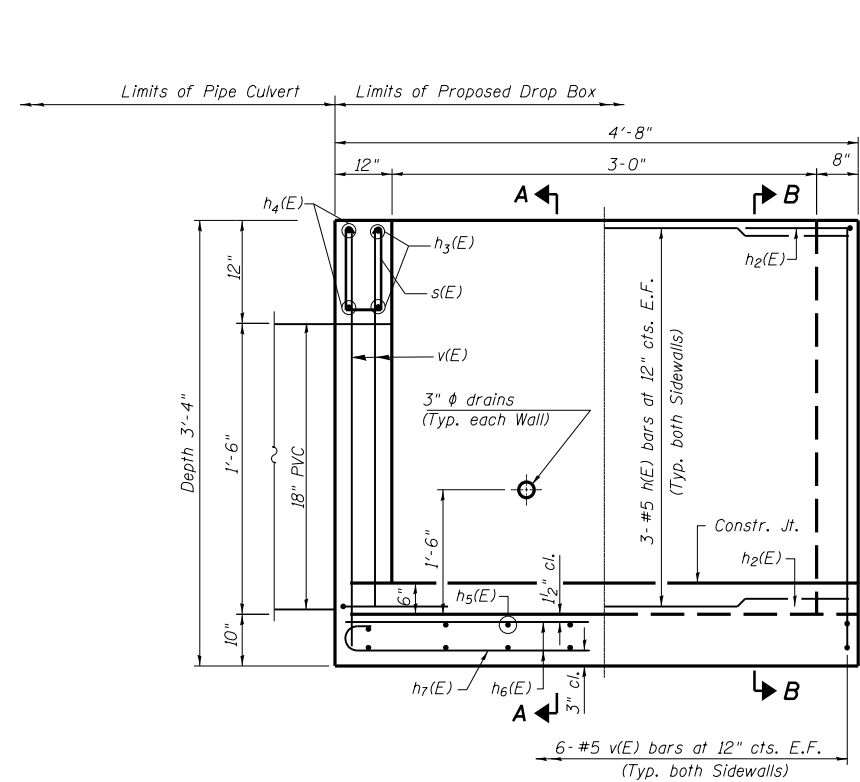
01-01-97	RENUM. B-10.02, NEW REVISION BOX	T.P.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

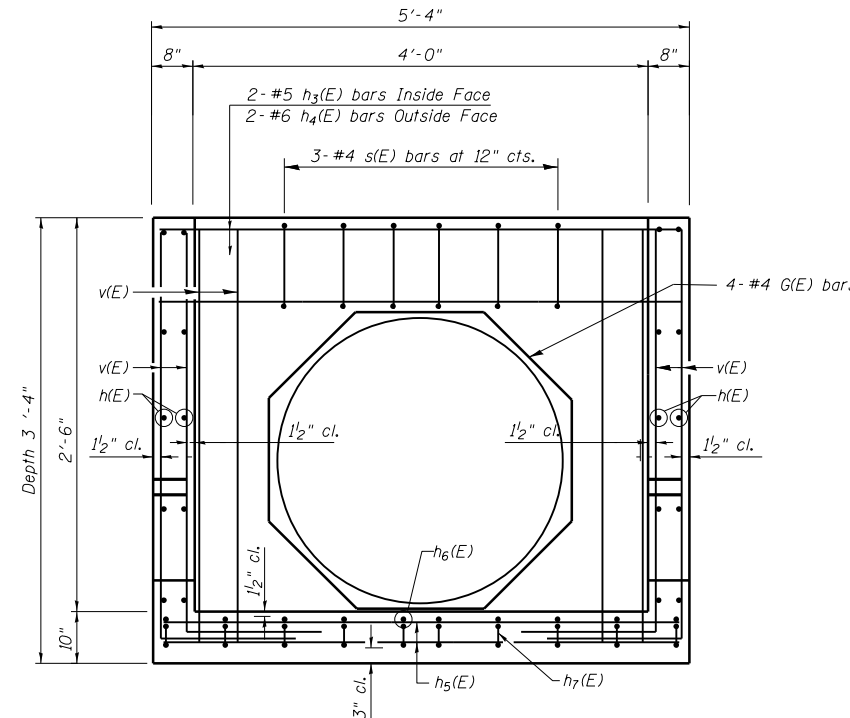
NOT TO SCALE

SPECIAL FRAME AND GRATE AND
BIKE LANE PAVEMENT MARKING SYMBOL DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	PEORIA	617	331
CONTRACT NO. 88792				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

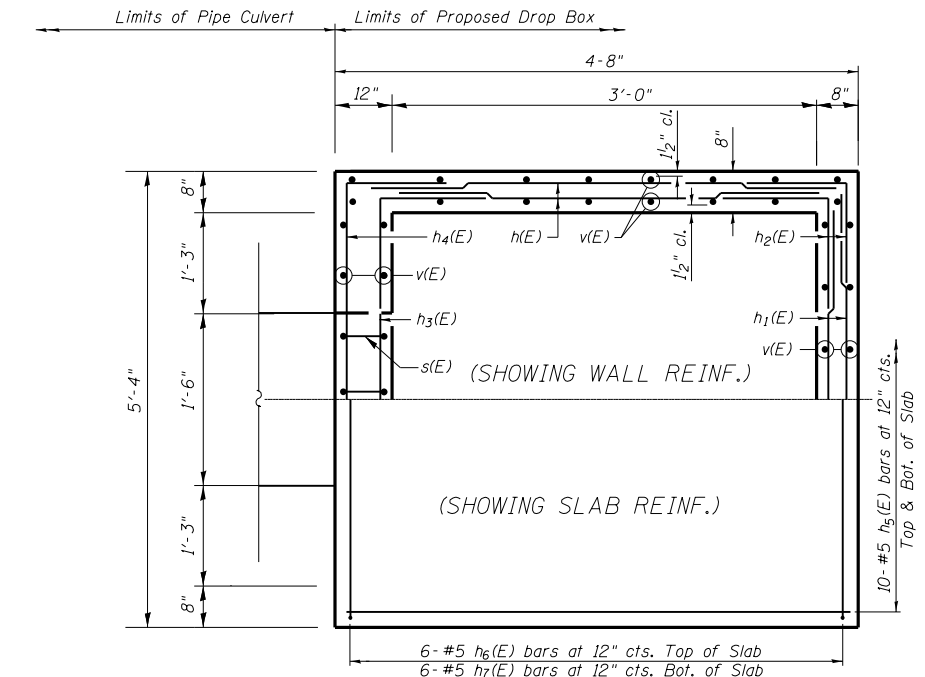
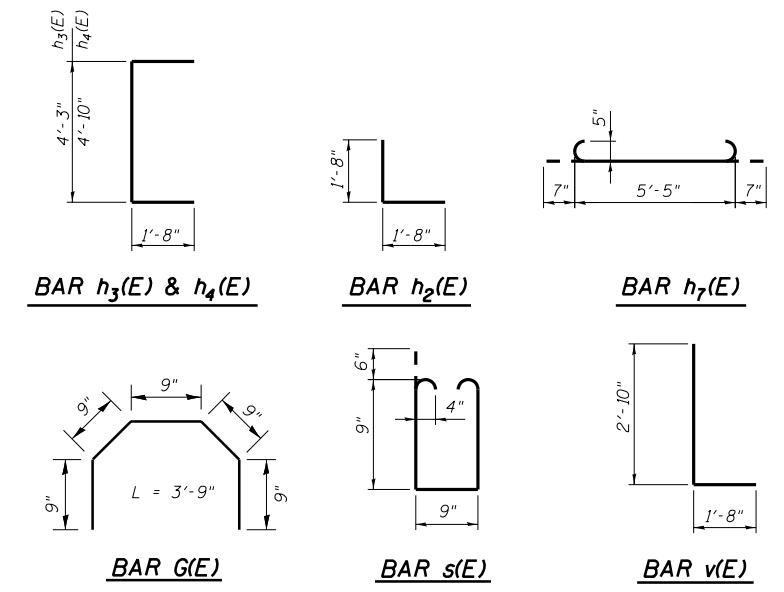


HALF LONG. SECTION HALF ELEVATION

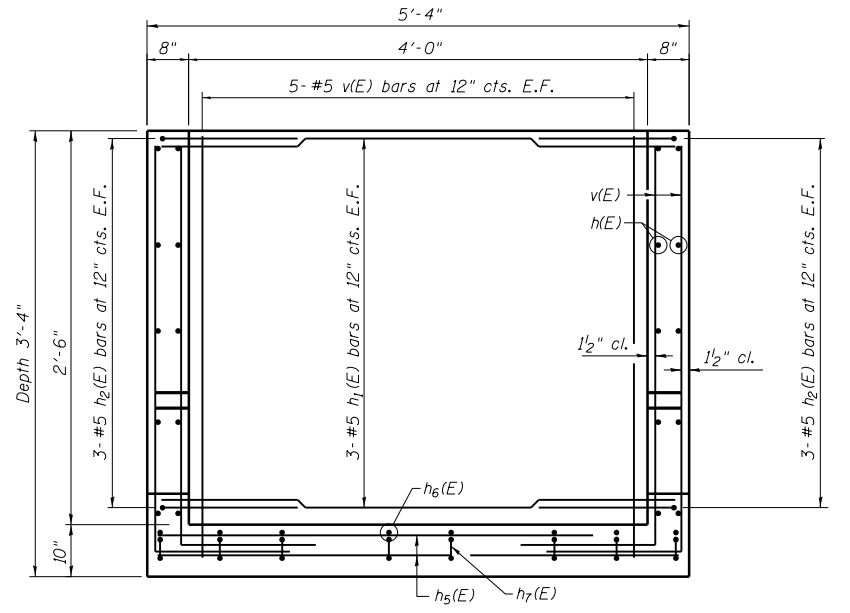


SECTION A-A

NOTES
 Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60 (IL Modified). See Special Provisions.
 The contractor shall be responsible for diverting the water flow from the construction area using a method meeting the approval of the Engineer. Cost included with "Concrete Structure".
 Drain holes shall be constructed in accordance with section 503.11.
 Reinforcement bars designated (E) shall be epoxy coated.



PLAN



SECTION B-B

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	12	#5	5'-3"	—
h1(E)	6	#5	4'-9"	—
h2(E)	12	#5	3'-4"	┌
h3(E)	2	#5	7'-7"	┌
h4(E)	2	#6	8'-2"	┌
h5(E)	10	#5	4'-7"	—
h6(E)	6	#5	5'-3"	—
h7(E)	6	#5	6'-7"	┌
s(E)	3	#4	3'-3"	┌
v(E)	44	#5	4'-6"	┌
G(E)	4	#4	3'-9"	┌
Concrete Structure		Cu. Yd.	2.00	
Reinforcement Bars, Epoxy Coated		Pound	528.00	

DESIGN STRESSES
 FIELD UNITS

f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SINGLE PIPE CULVERT
DROP BOX

GENERAL NOTES

Length and number of steel pipes shall be determined by the Contractor except as shown. All steel pipe shall be standard weight (Sch. 40) unless otherwise noted.

All components of the Transverse Pipe Grate shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable.

Fabrication of the Transverse Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.

Structural steel shapes and plates shall conform to the requirements of Article 1006.04 of the Standard Specifications. Steel pipes shall conform to the requirements of ASTM A 53 (Type E or S), Grade B.

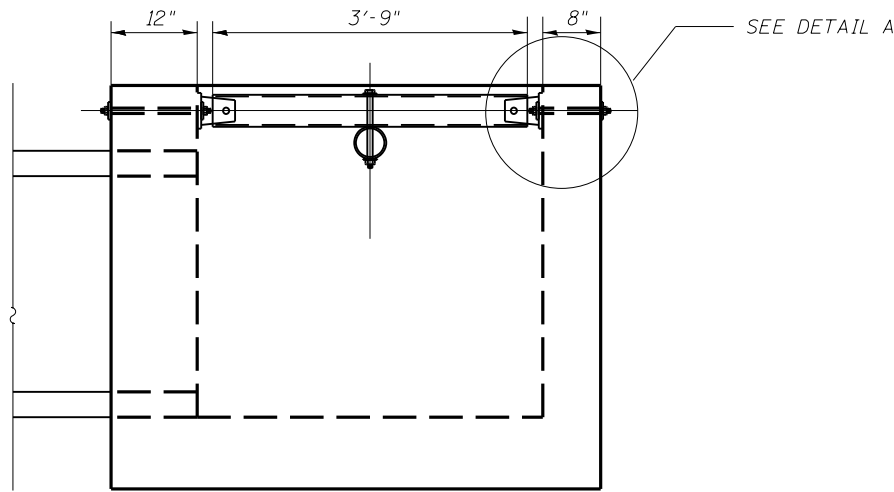
Anchor rods shall conform to the requirements of ASTM F1554, Grade 105. Anchor rods shall be drilled and epoxy grouted according to the requirements of Section 584 of the Standard Specifications. The chemical adhesive system shall be capable of achieving a minimum proof load of 5000 pounds and an ultimate shear capacity of 8000 pounds per anchor.

Bolts and thru bolts shall conform to the requirements of Article 1006.08 of the Standard Specifications except threaded rods conforming to the requirements of ASTM F1554, Grade 105 may be used for the thru bolts.

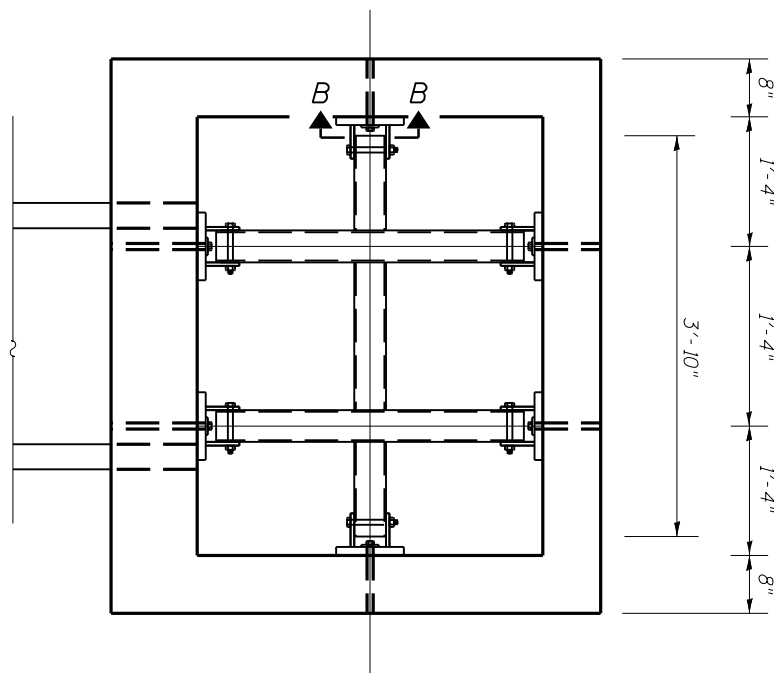
The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1 1/2" unless noted otherwise.

Bolts and anchor rods shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.

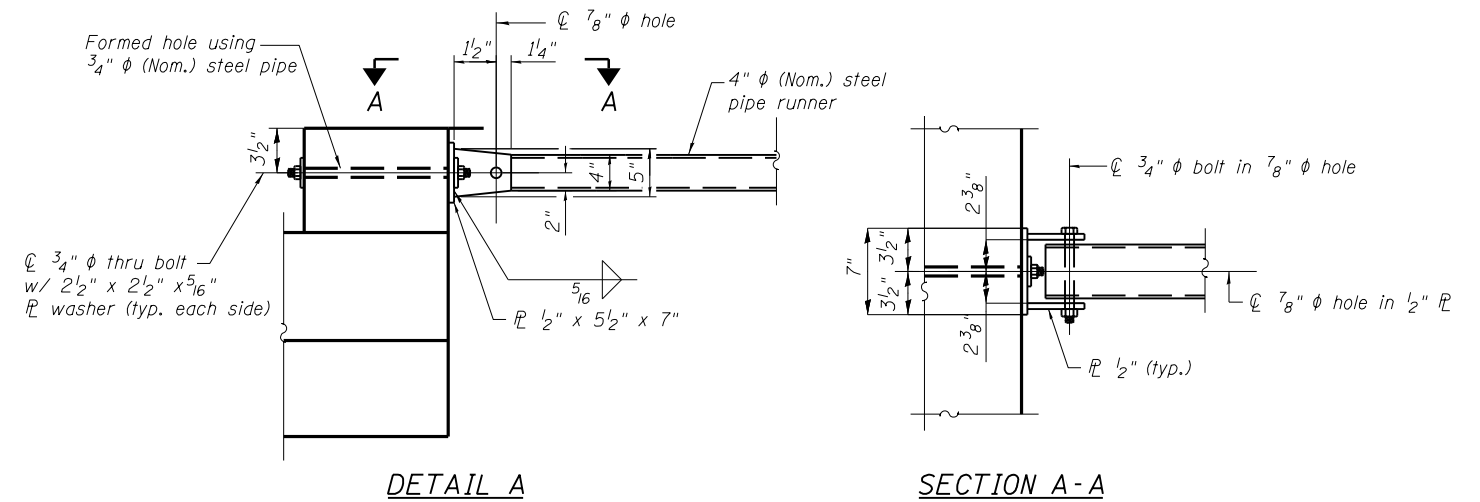
All cost associated with fabricating, furnishing, and installing the Transverse Pipe Grate shall be included in the contract unit price for Transverse Pipe Grate.



LONGITUDINAL SECTION

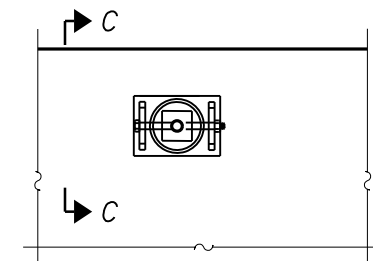


PLAN VIEW



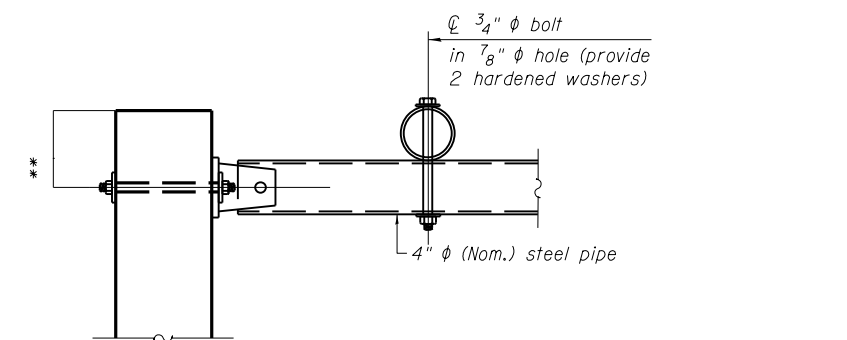
DETAIL A

SECTION A-A



SECTION B-B

(See Detail A for dimensions and details not shown.)



SECTION C-C

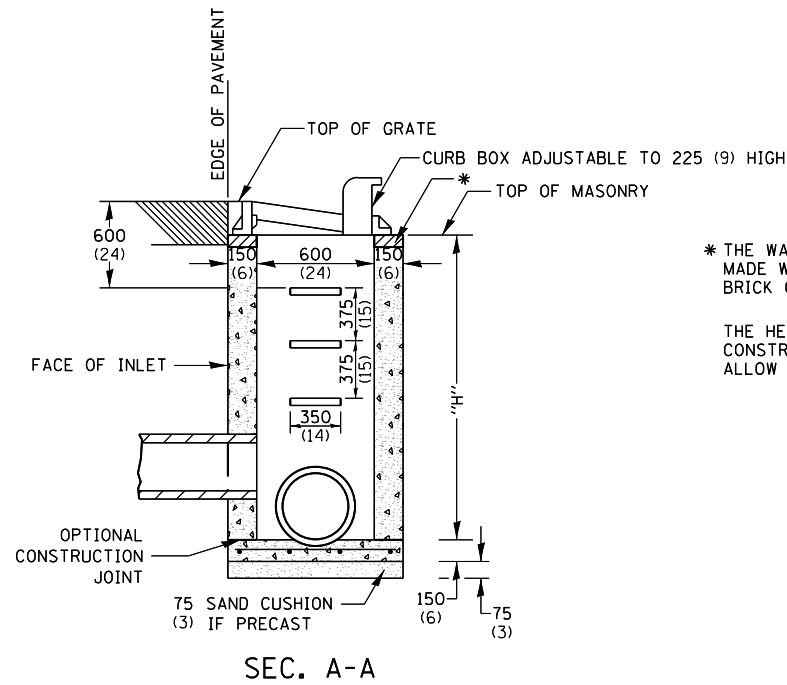
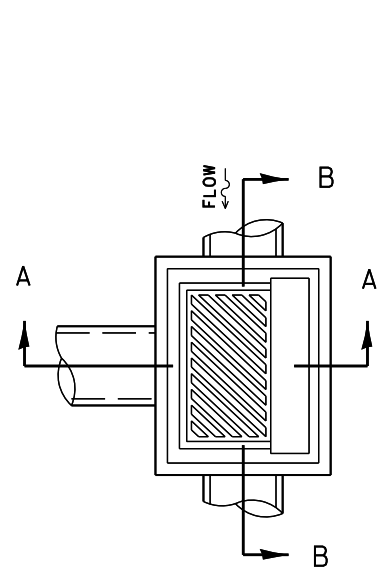
** Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
ei:\pw\work\p\id\crespole\d0330150\048792-sht-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

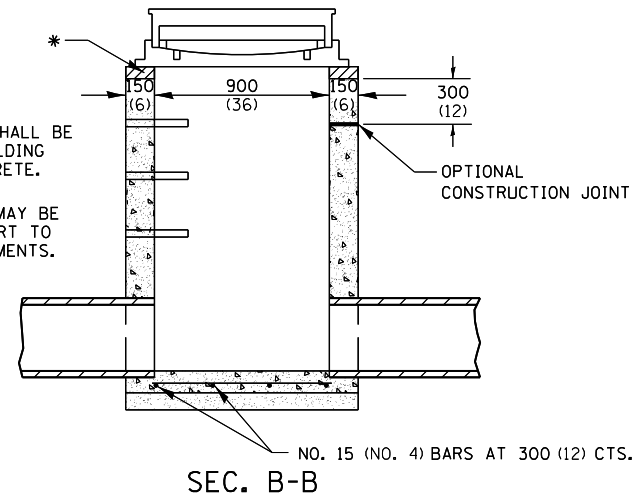
TRANSVERSE PIPE GRATE			
RT. STA. 16 + 75.00 (LEGION HALL ROAD)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	333
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	



* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

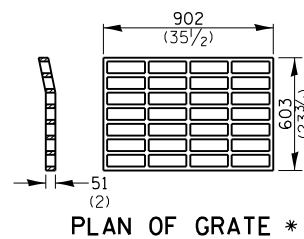
EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

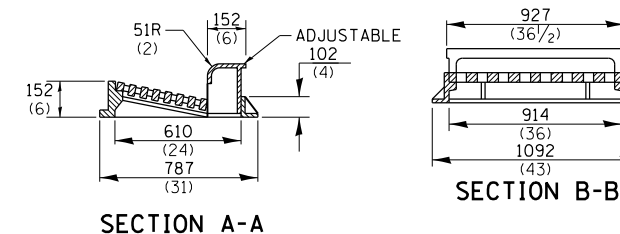
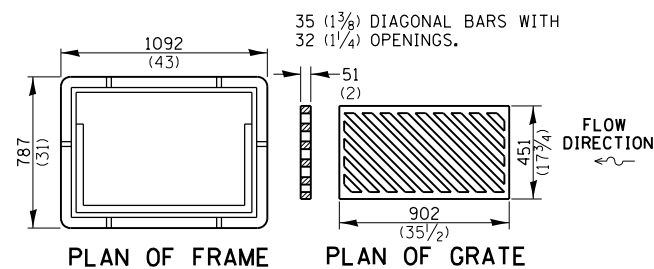
ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

WEIGHT OF CAST IRON FRAME & GRATE = 240 kg (530 lbs.) ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1.5 m (5 ft) .

DETAIL OF FRAME & GRATE



* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

NOTES

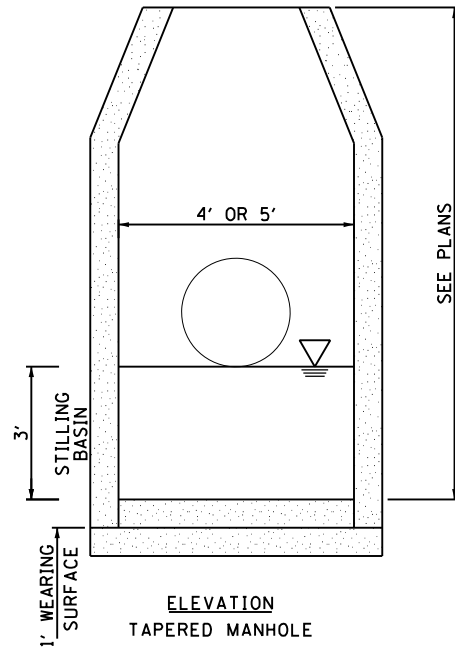
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 psi) AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

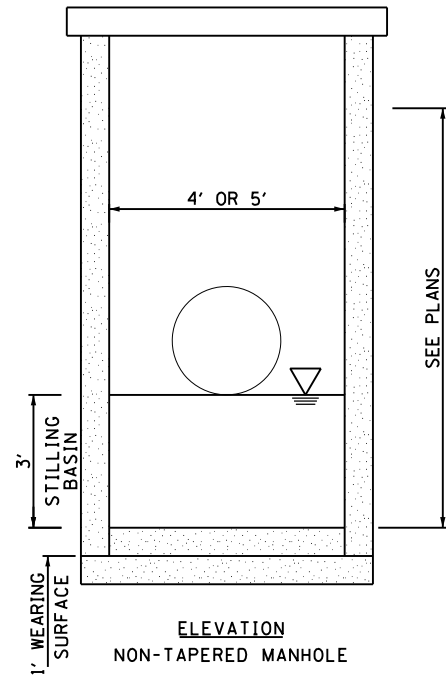
FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INLET SPECIAL DETAILS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\crespole\d0330150\048792-sht-details.dgn		DRAWN -	REVISED -		1380	7W-1,RS-3	PEORIA	617	334				
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			

NOTES:
 CONSTRUCT MANHOLE, TYPE A ACCORDING
 TO STD. 602401 AND 602601 EXCEPT
 AS MODIFIED BY THIS DETAIL.

RT STA. 107+75.00

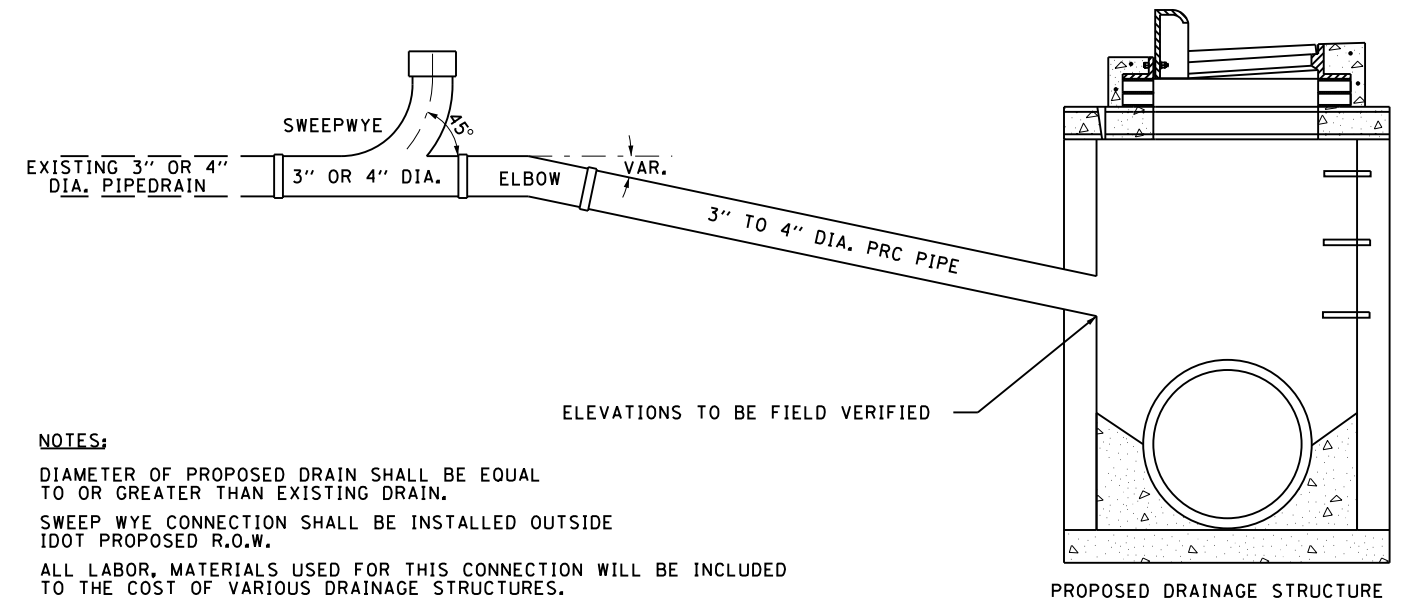


ELEVATION
TAPERED MANHOLE



ELEVATION
NON-TAPERED MANHOLE

MANHOLE TYPE A 5' DIA. T 1 F. CL. LID, SPECIAL



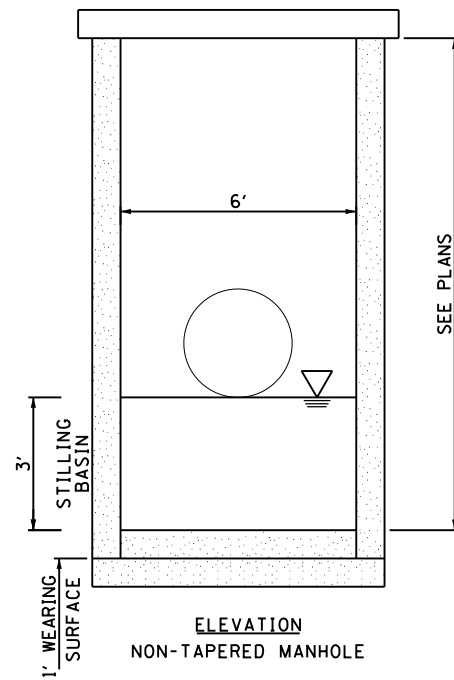
NOTES:

DIAMETER OF PROPOSED DRAIN SHALL BE EQUAL
 TO OR GREATER THAN EXISTING DRAIN.
 SWEEP WYE CONNECTION SHALL BE INSTALLED OUTSIDE
 IDOT PROPOSED R.O.W.
 ALL LABOR, MATERIALS USED FOR THIS CONNECTION WILL BE INCLUDED
 TO THE COST OF VARIOUS DRAINAGE STRUCTURES.

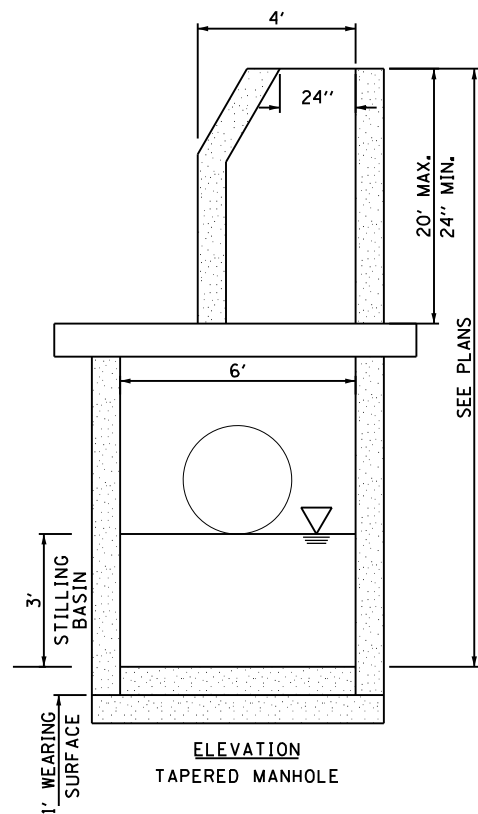
GENERAL PIPEDRAIN CONNECTION DETAIL

NOTES:
 CONSTRUCT MANHOLE, TYPE A 6' DIA. ACCORDING
 TO STD. 602406- AND 602601 EXCEPT AS MODIFIED
 BY THIS DRAWING. THIS WORK WILL BE PAID FOR AT
 THE CONTRACT UNIT PRICE EACH FOR M.H. TYPE A,
 6' DIA. W/ SPECIAL FRAME AND GRATE.

RT STA. 107+10.84



ELEVATION
NON-TAPERED MANHOLE



ELEVATION
TAPERED MANHOLE

MANHOLE TYPE A 6' DIA. W/SP. F. AND GRATE

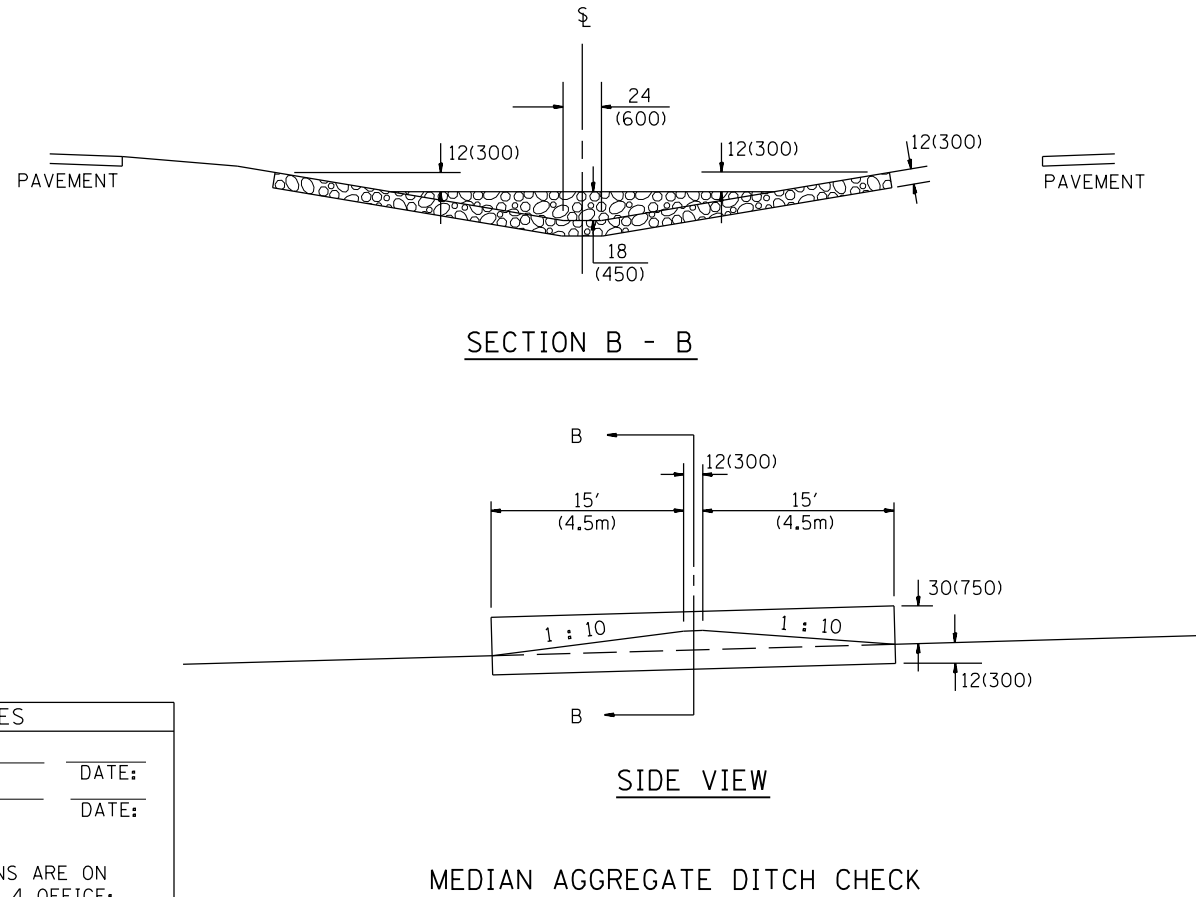
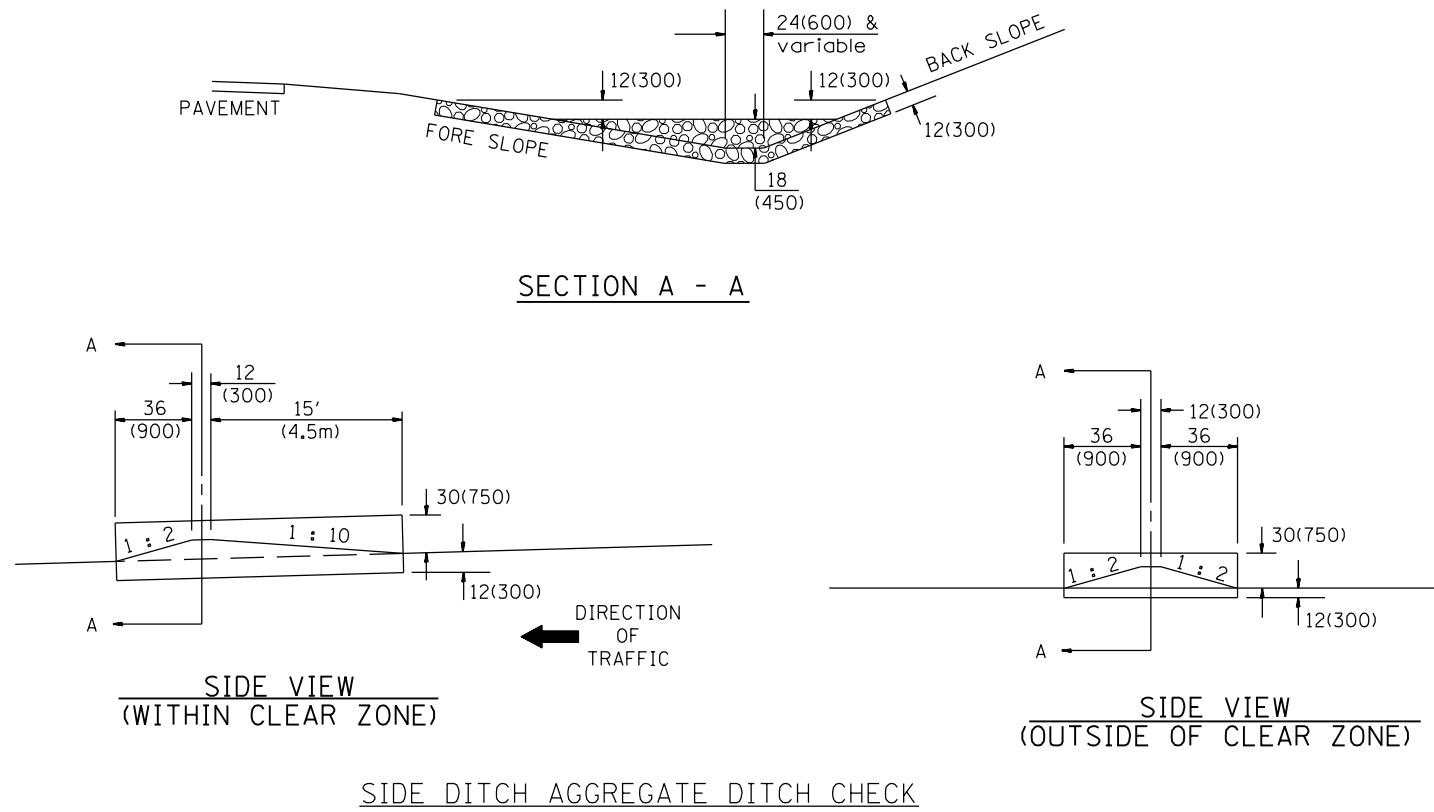
FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
ei:\pw_work\p1dot\crespole\d0330150\048792-sht-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MANHOLE SPECIAL AND PIPEDRAIN CONNECTION DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	335
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
 1. Designer to modify this detail Special Detail Sheet, as needed, for inclusion in plans.
 2. Determine the required clear zone in order to select the berm slopes.
 3. Include State Standard 280001.



NOTES:

- FOR DITCH BOTTOM PROTECTED BY EROSION CONTROL BLANKET, USE 400'(120m) SPACING. FOR SEEDED DITCH BOTTOM, USE 200'(60m) SPACING.
- THIS WORK CONSISTS OF THE COMPLETE INSTALLTION OF EROSION CONTROL DITCH CHECK AT LOCATIONS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE AGGREGATE GRADATION SHALL BE RR3 WITH A MINIMUM QUALITY OF CLASS B.

LOCATION		SIDE DITCH		NUMBER OF DITCH CHECKS	FORE SLOPE	DITCH BOTTOM WIDTH	BACK SLOPE	BERM SLOPE
STATION	MEDIAN	LEFT	RIGHT					

ESTIMATE QUANTITIES

	FORE SLOPE	DITCH BOTTOM	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK EROSION CONTROL TON (METRIC TON)
MEDIAN DITCH	1 : 6	24(600)	—	1 : 10	95(86)
SIDE DITCH	1 : 6	24(600)	1 : 4	1 : 10 & 1 : 2	50(45)
SIDE DITCH	1 : 6	24(600)	1 : 4	1 : 2 & 1 : 2	19(17)
SIDE DITCH	1 : 4	24(600)	1 : 3	1 : 10 & 1 : 2	18(16)
SIDE DITCH	1 : 4	24(600)	1 : 3	1 : 2 & 1 : 2	14(13)

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in inches (millimeters) unless otherwise noted.

QUANTITIES

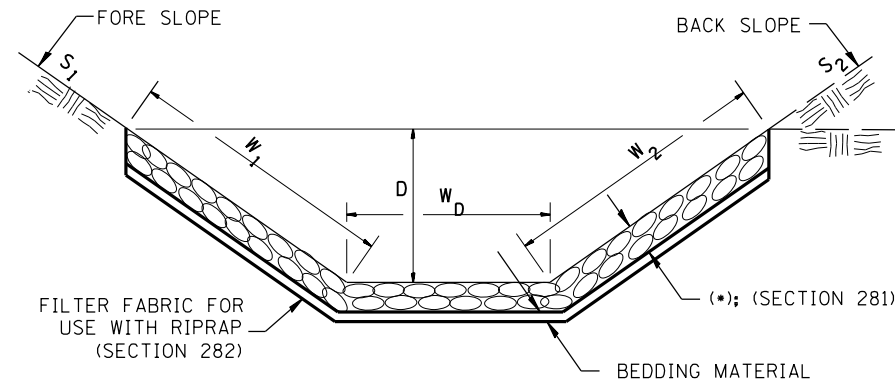
CALC. BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

Designer NOTES:
 1. Designer to modify this Special Detail Sheet, as needed for inclusion in plans.
 2. (*) Designer to specify pay item including material, quality, and gradation.
 3. Include District Special Provision if needed.

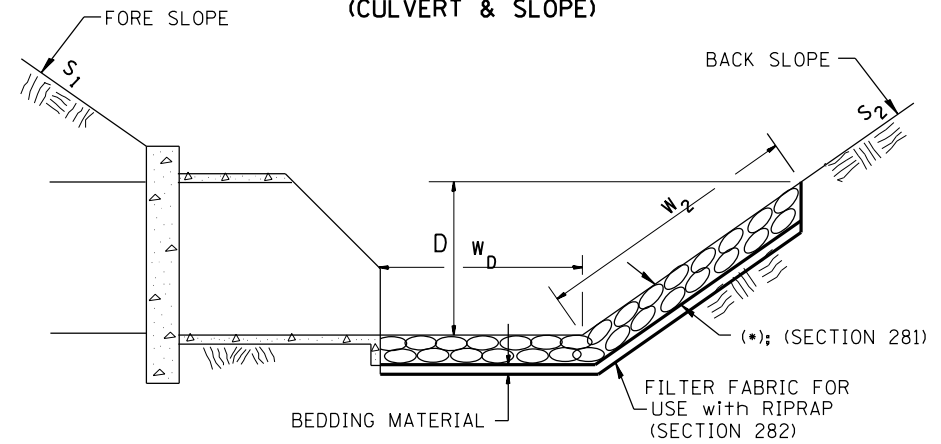
**CASE 1
(DITCH)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	tons (m tons)	sq yds (m ²)
TOTAL				

(1) WIDTH = $W_1 + W_2 + W_D$

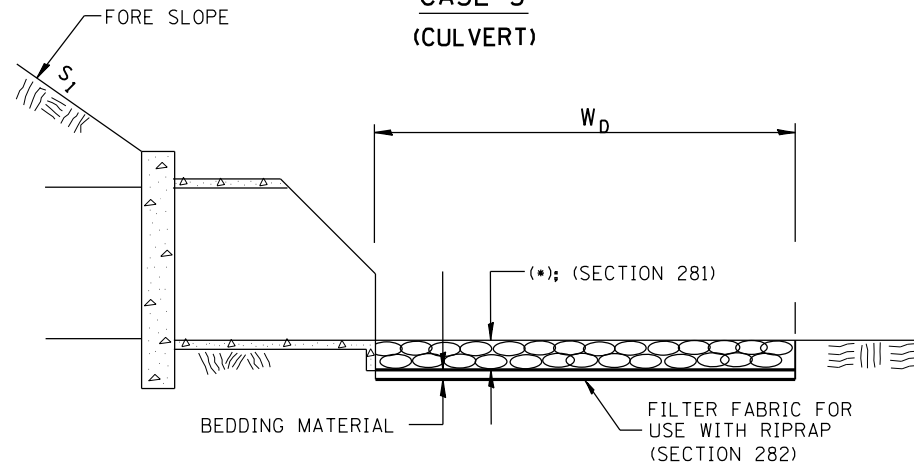
**CASE 2
(CULVERT & SLOPE)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	tons (m tons)	sq yds (m ²)
TOTAL				

(1) WIDTH = $W_2 + W_D$

**CASE 3
(CULVERT)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	tons (m tons)	sq yds (m ²)
TOTAL				

(1) WIDTH = W_D

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. A-12.02, NEW REVISION BOX	T.P.
12-1-97	CORRECT FILTER FABRIC LEADER ARROW	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.
9-6-12	REMOVED A DESIGNER NOTE AND MADE MINOR CHANGES	R.D.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

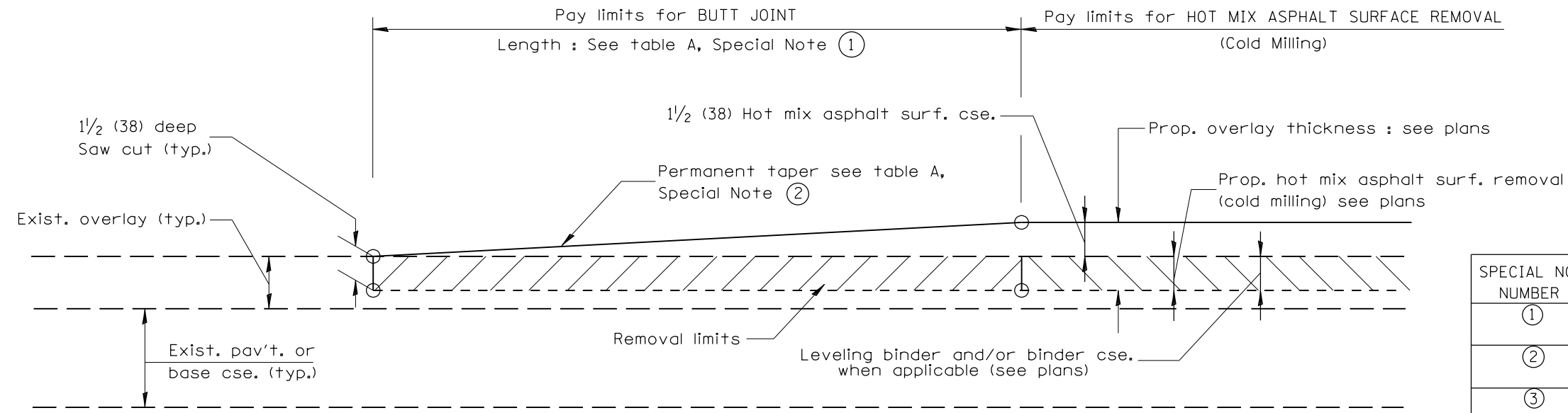
RIPRAP DITCH FOR EROSION PROTECTION

NOT TO SCALE

CADD STD. 281001-D4

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	337
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			88792	

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



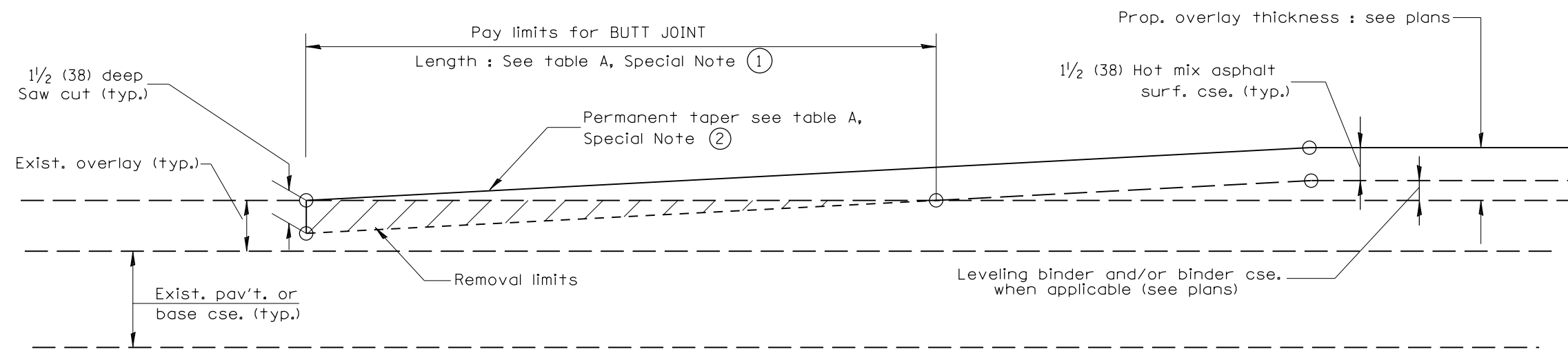
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
- The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.			
04-01-97	CORRECTION TO DEPTH	J.A.			
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

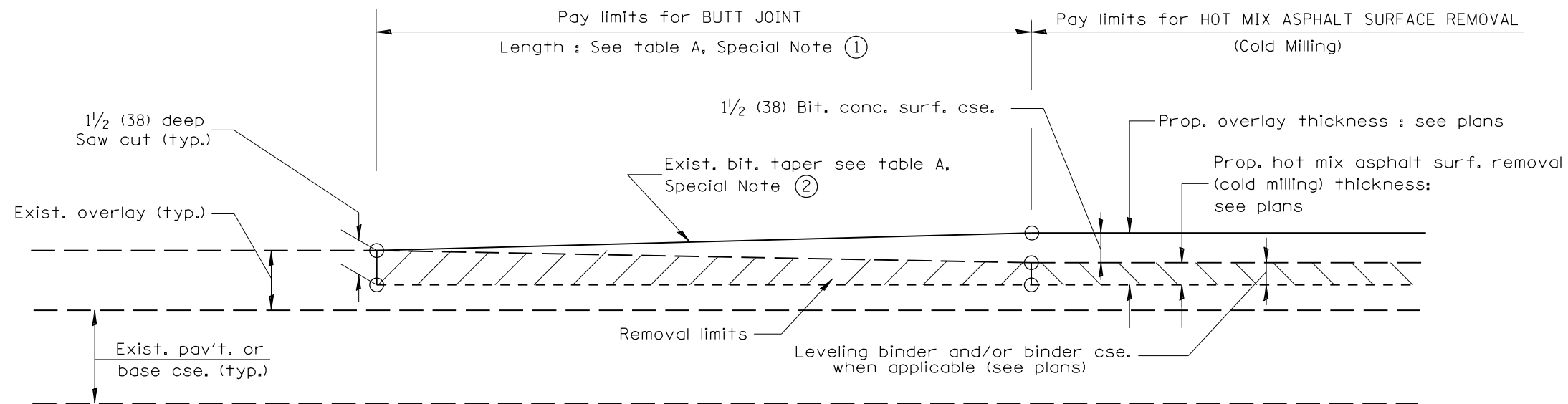
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

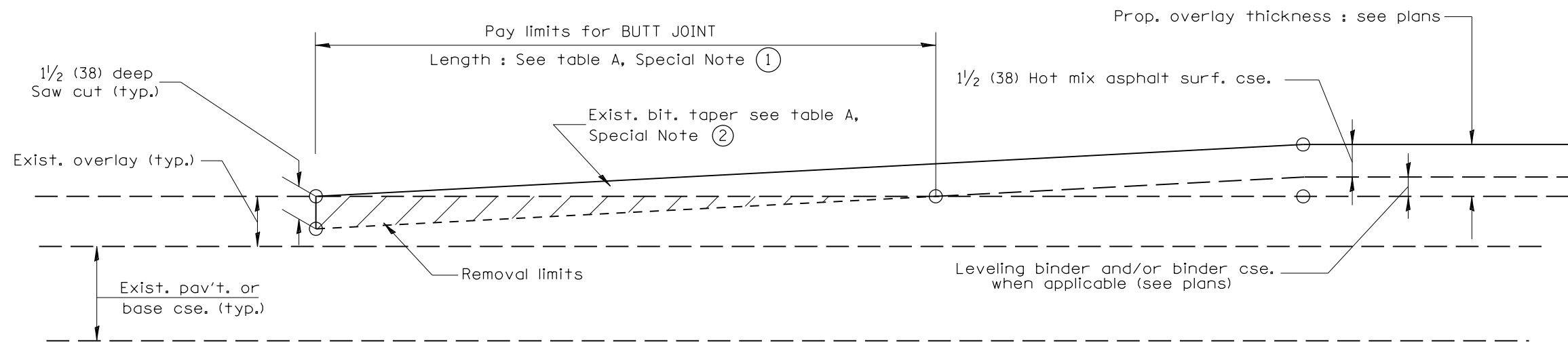
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

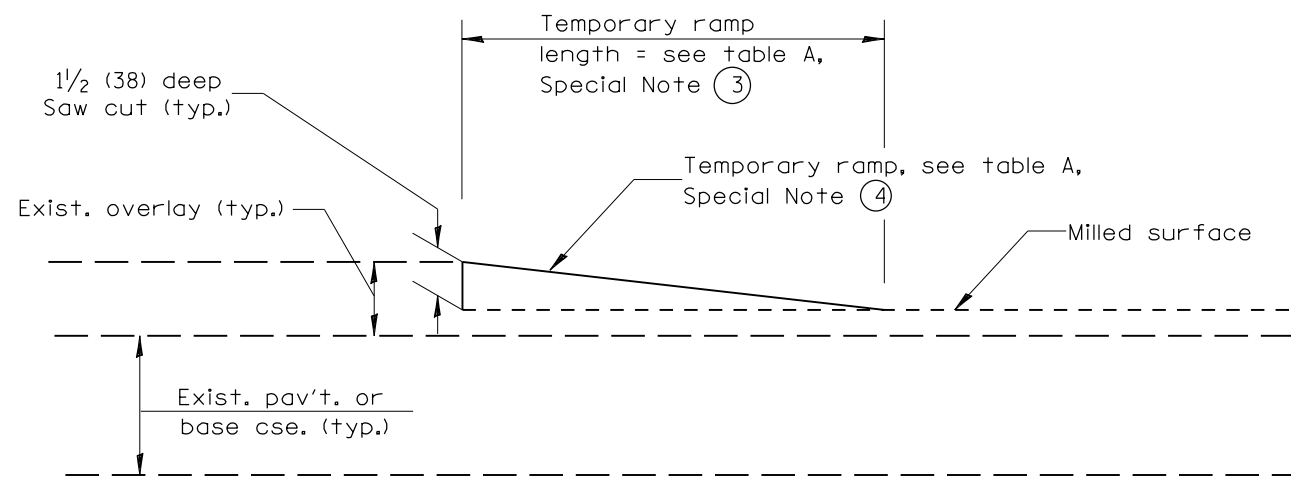
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	338
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	



CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



DETAIL TEMPORARY RAMP

All dimensions are in inches (millimeters) unless otherwise noted.

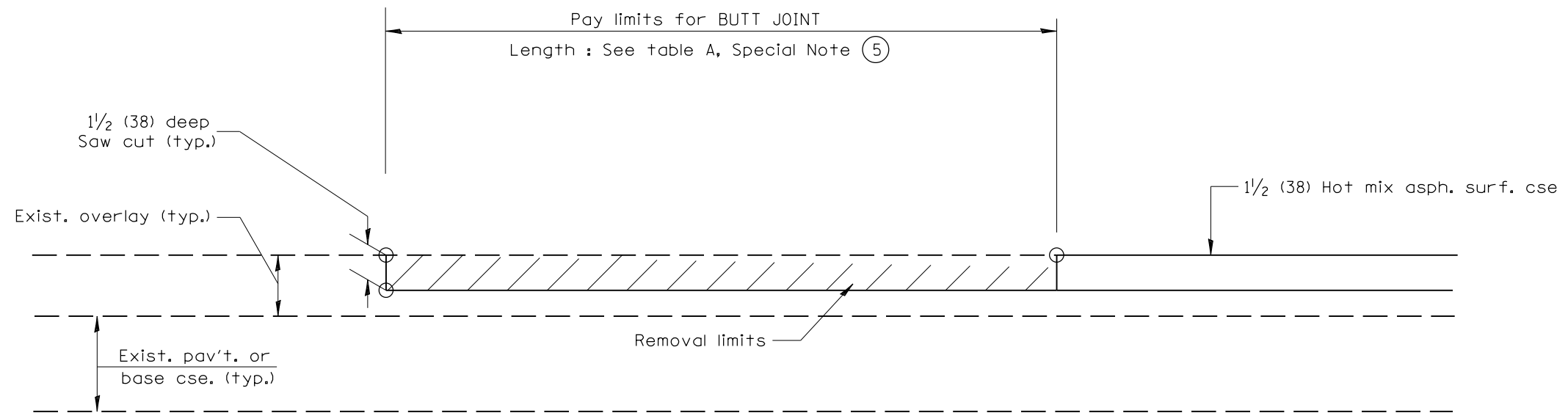
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 406101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	339
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

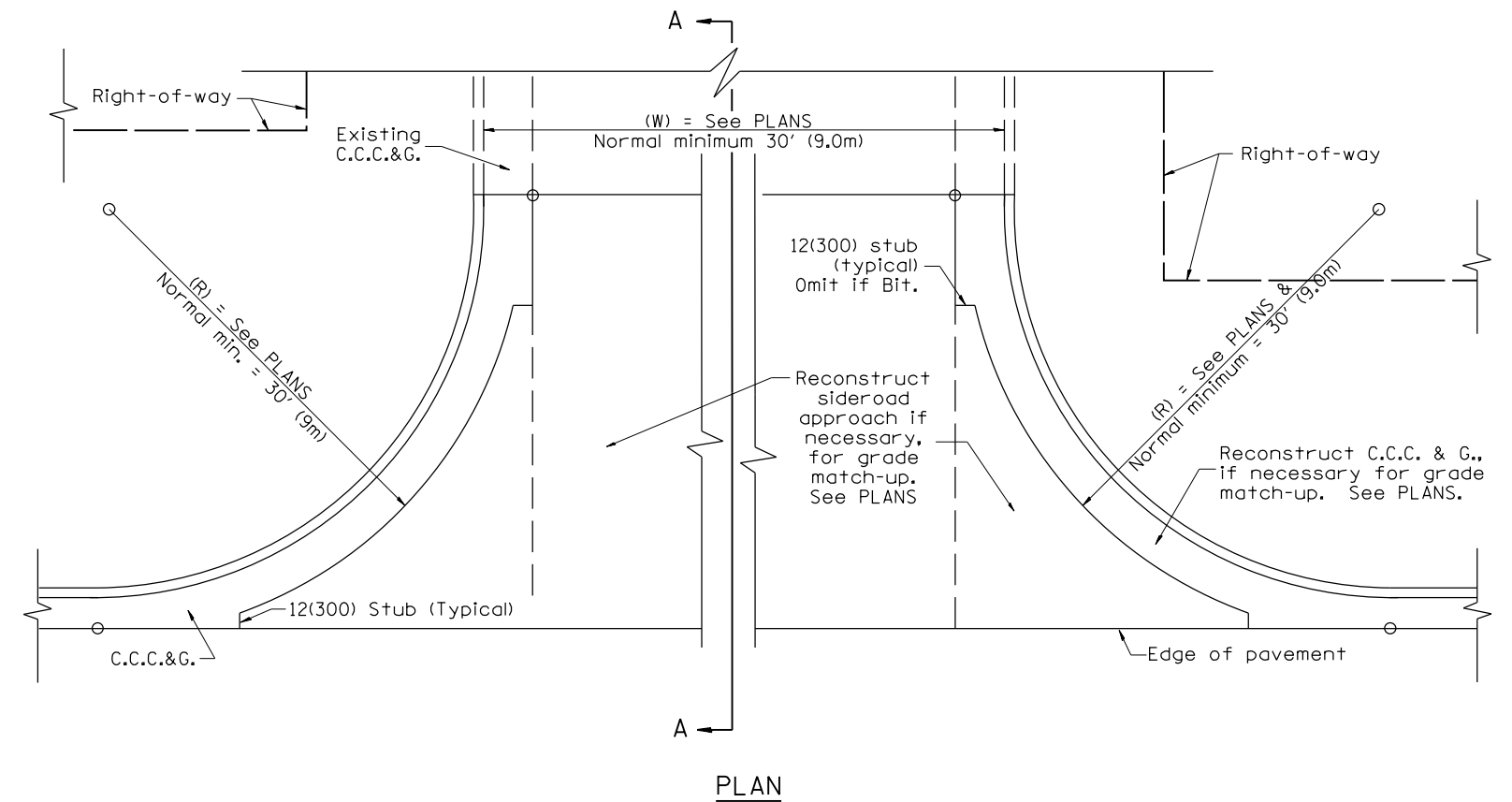
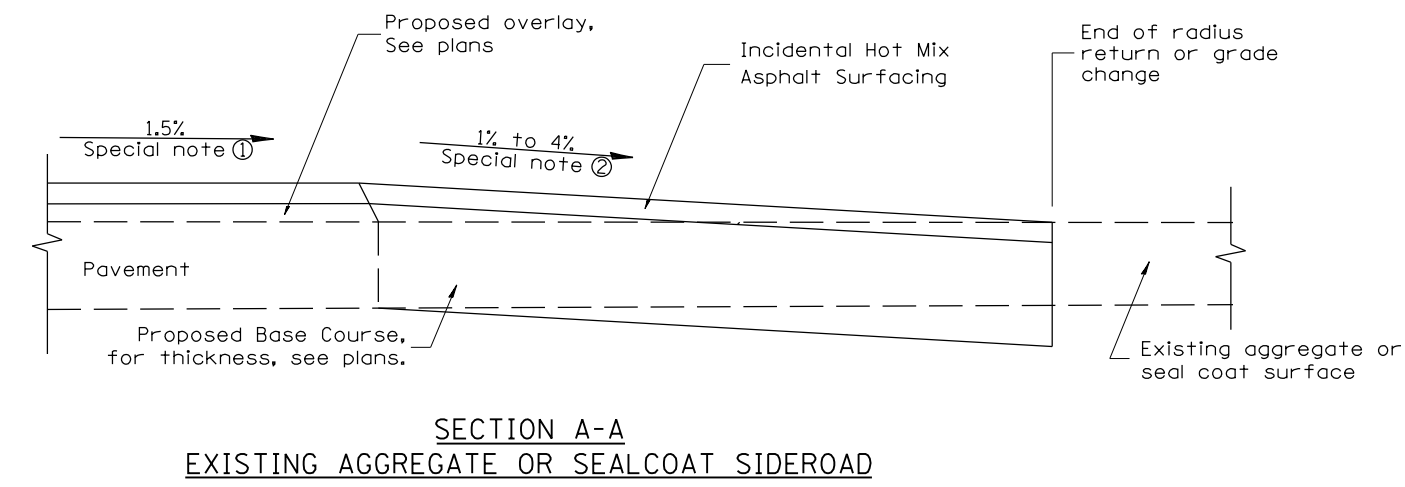
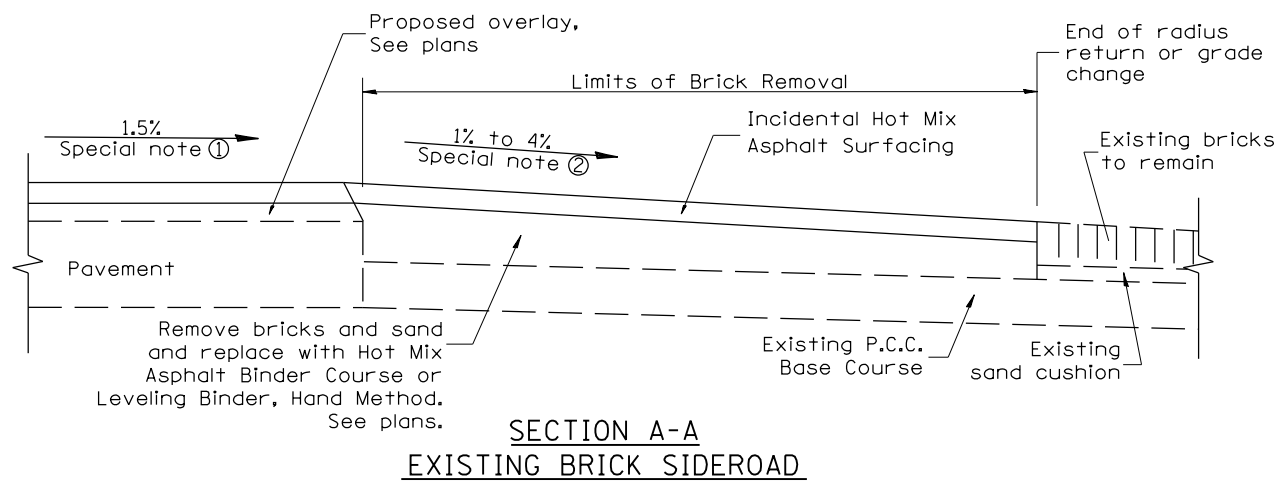
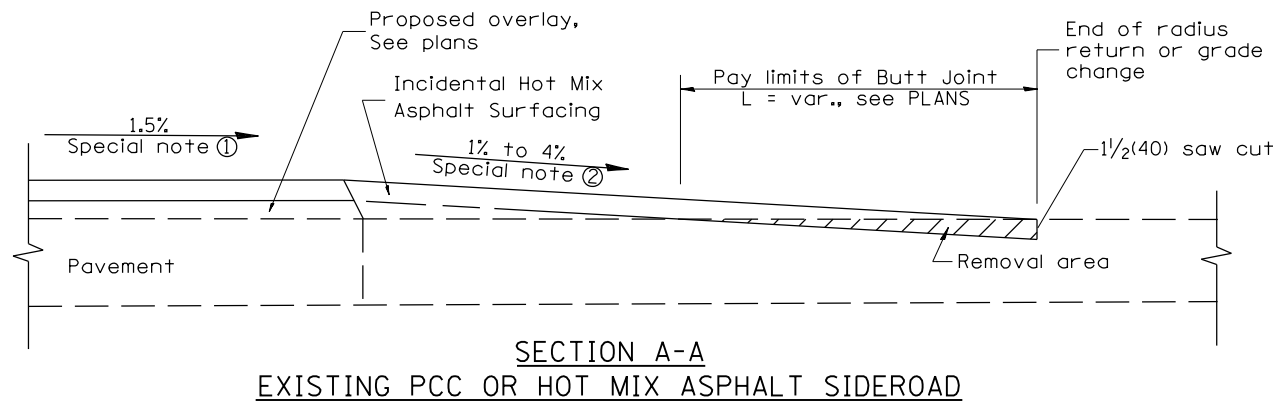
BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	340
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

DESIGNER NOTES:
 1. DESIGNER SHOULD CONSULT CHAPTER 49 OF THE BDE FOR 3R POLICY.
 2. DESIGNER SHOULD REVIEW CHAPTER 38 FOR ADA
 3. STATE STANDARD 424001 SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING, IF SIDEWALKS ARE TO BE CONSTRUCTED INITIALLY.



SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on superelevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 50' (15.0m) to 100' (30.0m), or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline superelevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-105.01, NEW REVISION BOX	T.P.	
07-01-97	REVISE DESIGNER NOTES	J.A.	
09-15-05	REVISED DESIGNER NOTE	M.M.A.	
10-16-06	REVISED TO 2007 SPEC.	M.A.	

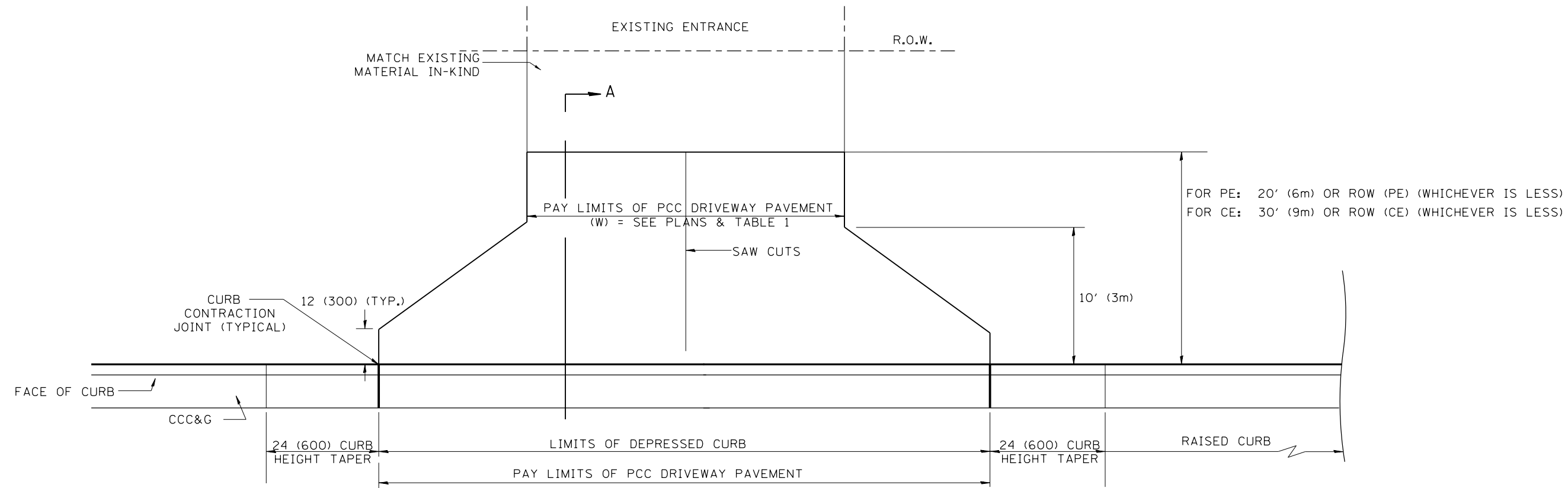
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

URBAN SIDEROADS FOR "3R" PROJECTS

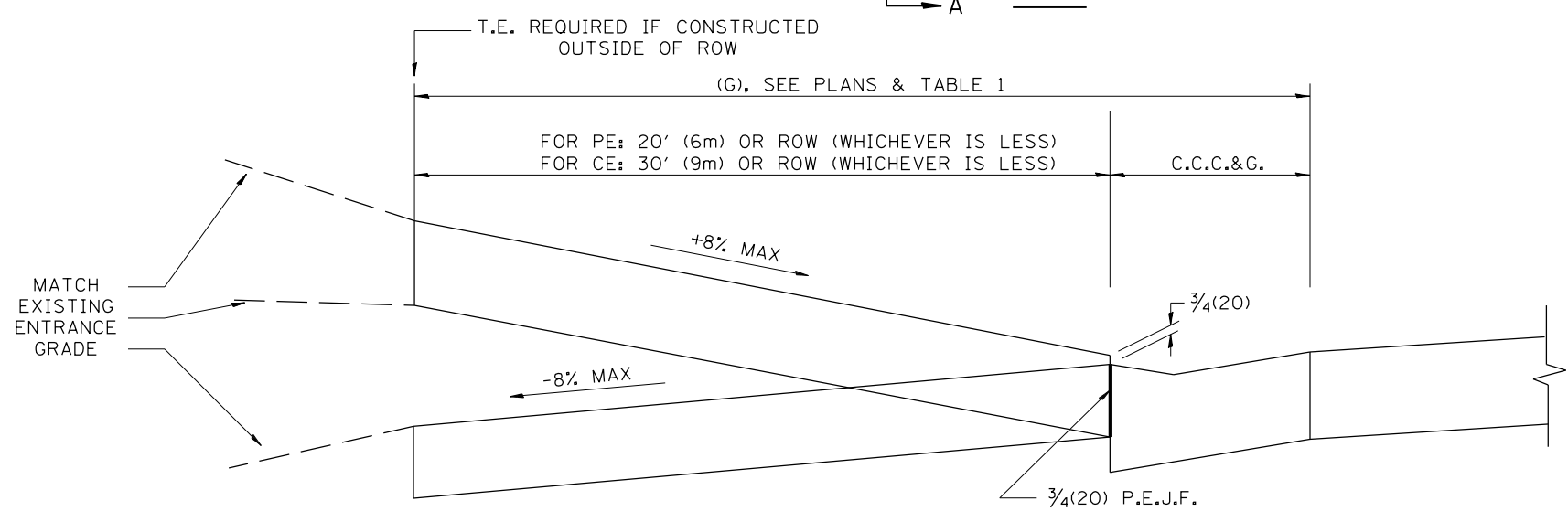
NOT TO SCALE

CADD STD. 406501-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	341
CONTRACT NO. 88792				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN



SECTION A-A

GENERAL NOTES

1. COMBINATION CONCRETE CURB & GUTTER SHALL BE DEPRESSED IN ACCORDANCE WITH STANDARD 606001.
2. C.C.C. & G. WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN ARTICLE 606.13 OF THE STANDARD SPECIFICATIONS.
3. C.C.C. & G. CONSTRUCTION JOINTS WILL BE AS SHOWN ON STANDARD 606001.
4. EXCEPTIONS TO THE RADIUS FLARE/PROPERTY LINE RELATIONSHIP ARE AS SHOWN IN THE PLANS FOR COMMON ENTRANCES, WITH JOINTLY EXECUTED ACCESS PERMITS.

TABLE 1						
URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6m)MIN.	24' (7.2m)MAX.	14' (4.3m)MIN.	24' (7.2m)MAX.	24' (7.2m)MIN.	35' (10.7m)MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5m)MIN.	25' (7.6m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.
MAX. GRADE (G)	8%		6%			

All dimensions are in inches (millimeters) unless otherwise noted.

DESIGNER NOTES:
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
 1:1 FLARES ARE RECOMMENDED FOR CURBLINE SIDEWALKS.
 2. DESIGNER SHOULD REVIEW CHAPTER 58 OF BDE FOR THE ADA REQUIREMENTS.
 3. INCLUDE STATE STANDARD 606001 AND APPLICABLE SIDEWALK STANDARDS.

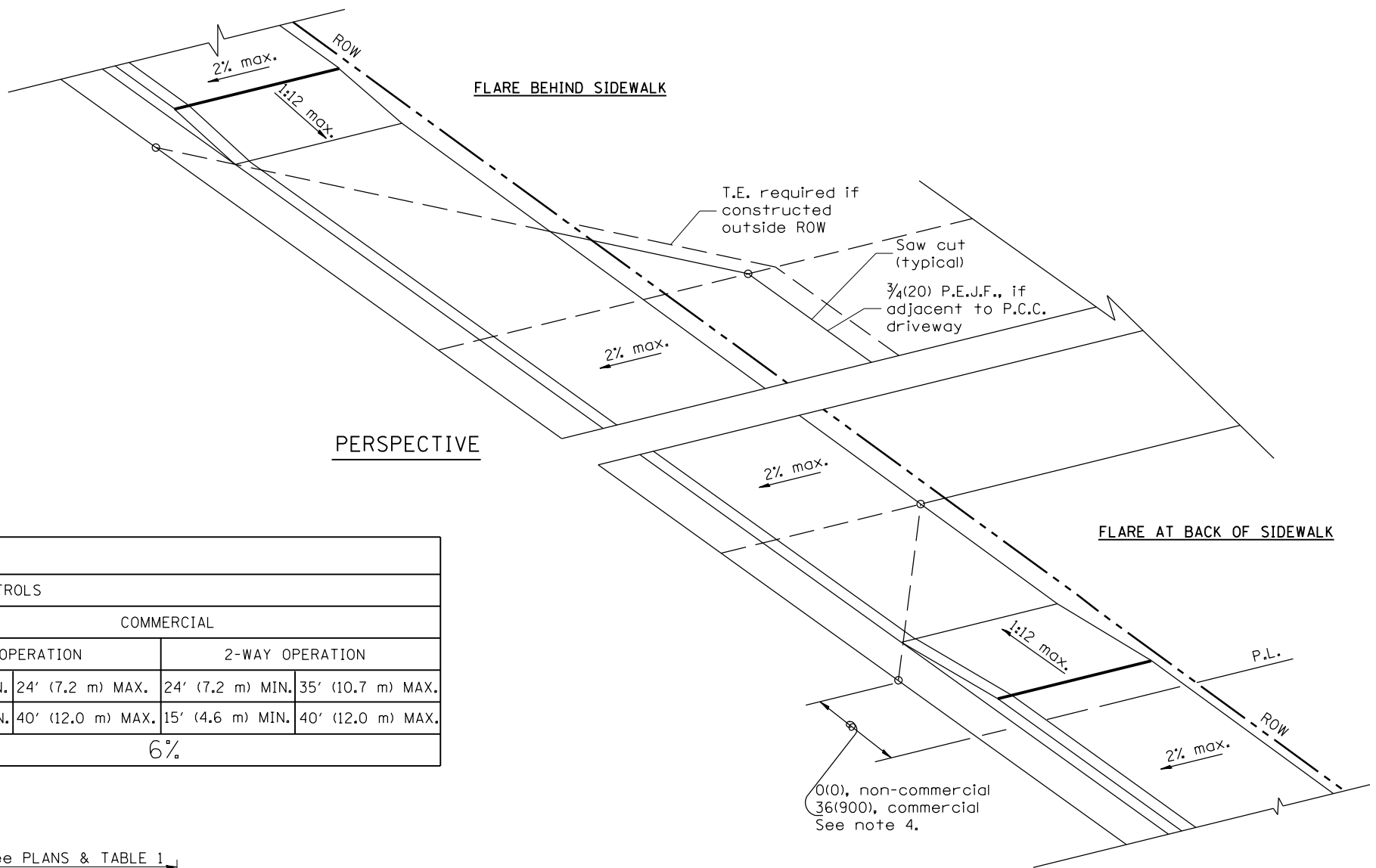
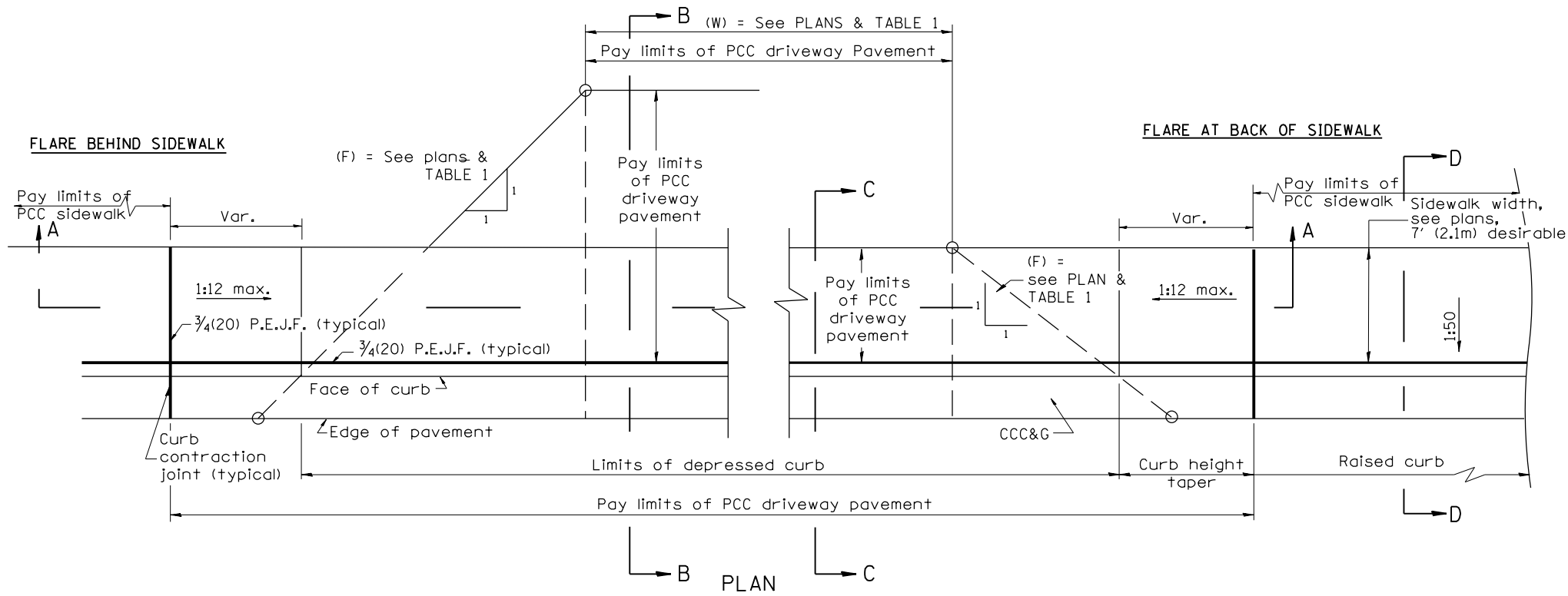


TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



GENERAL NOTES

1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

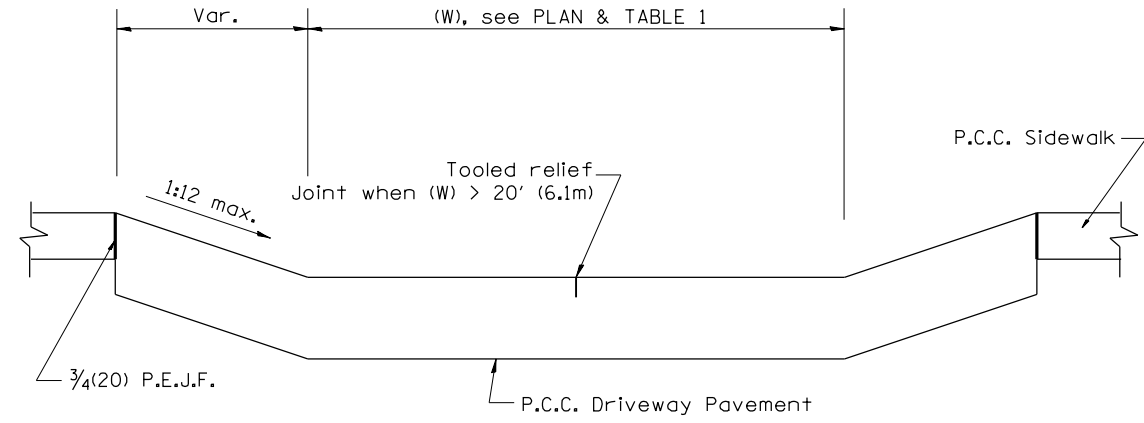
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR CURBLINE SIDEWALKS**

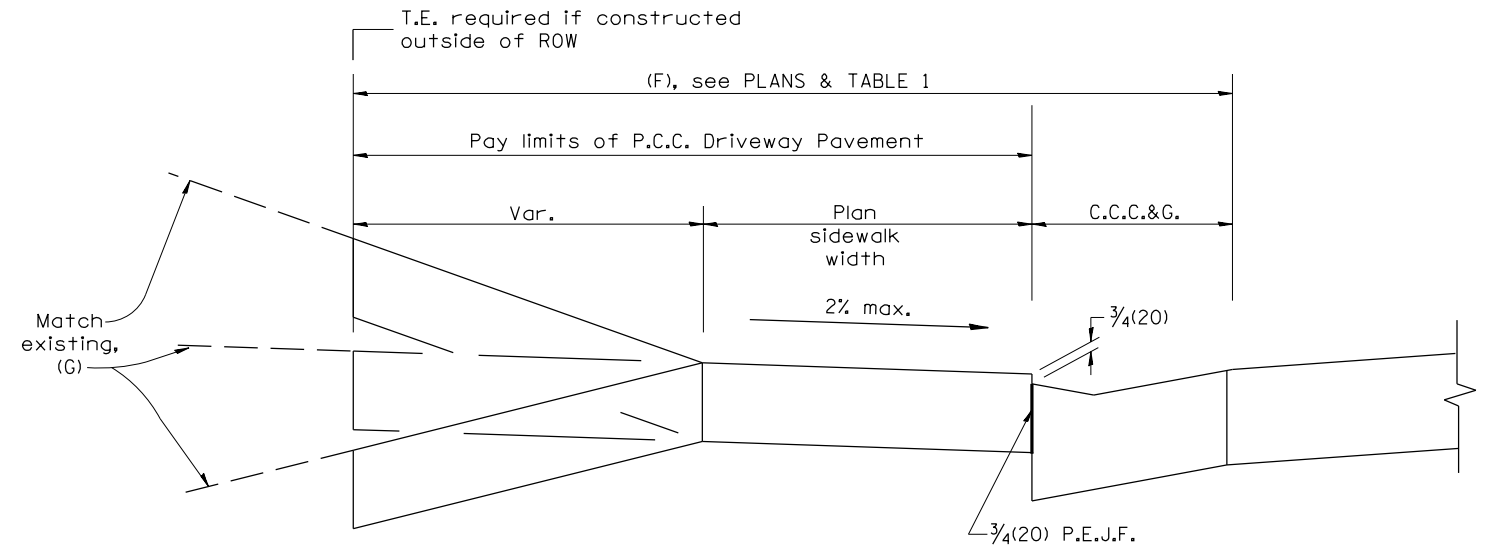
NOT TO SCALE

SHT. 1 OF 2
CADD STD. 423101-D4

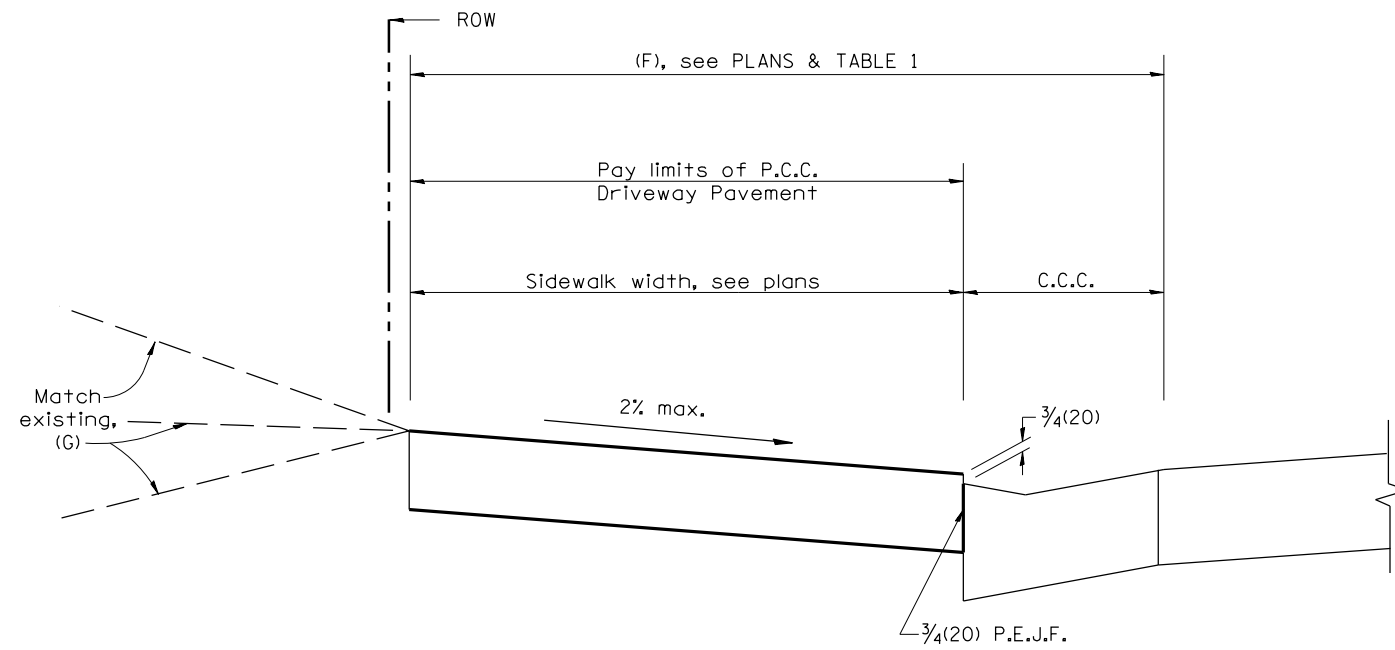
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	343
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	



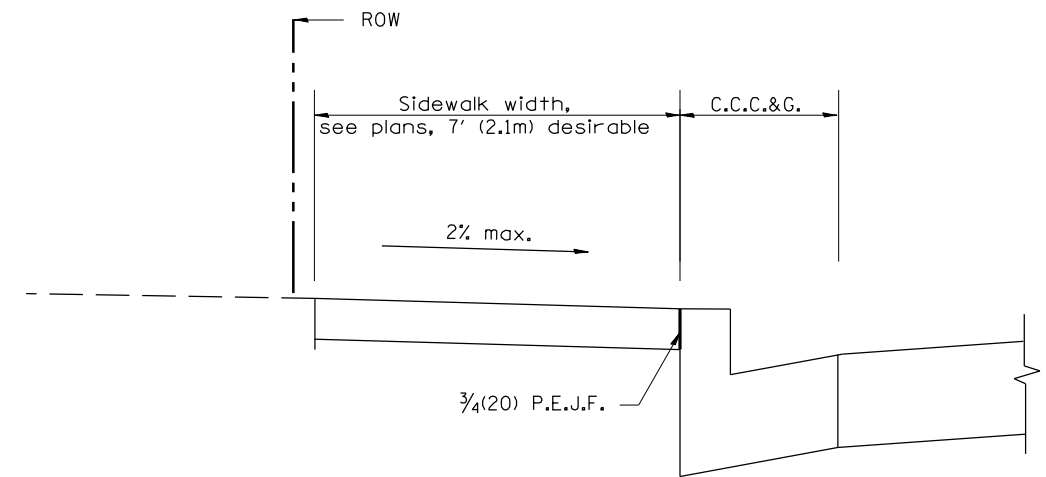
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in inches (millimeters) unless otherwise noted.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

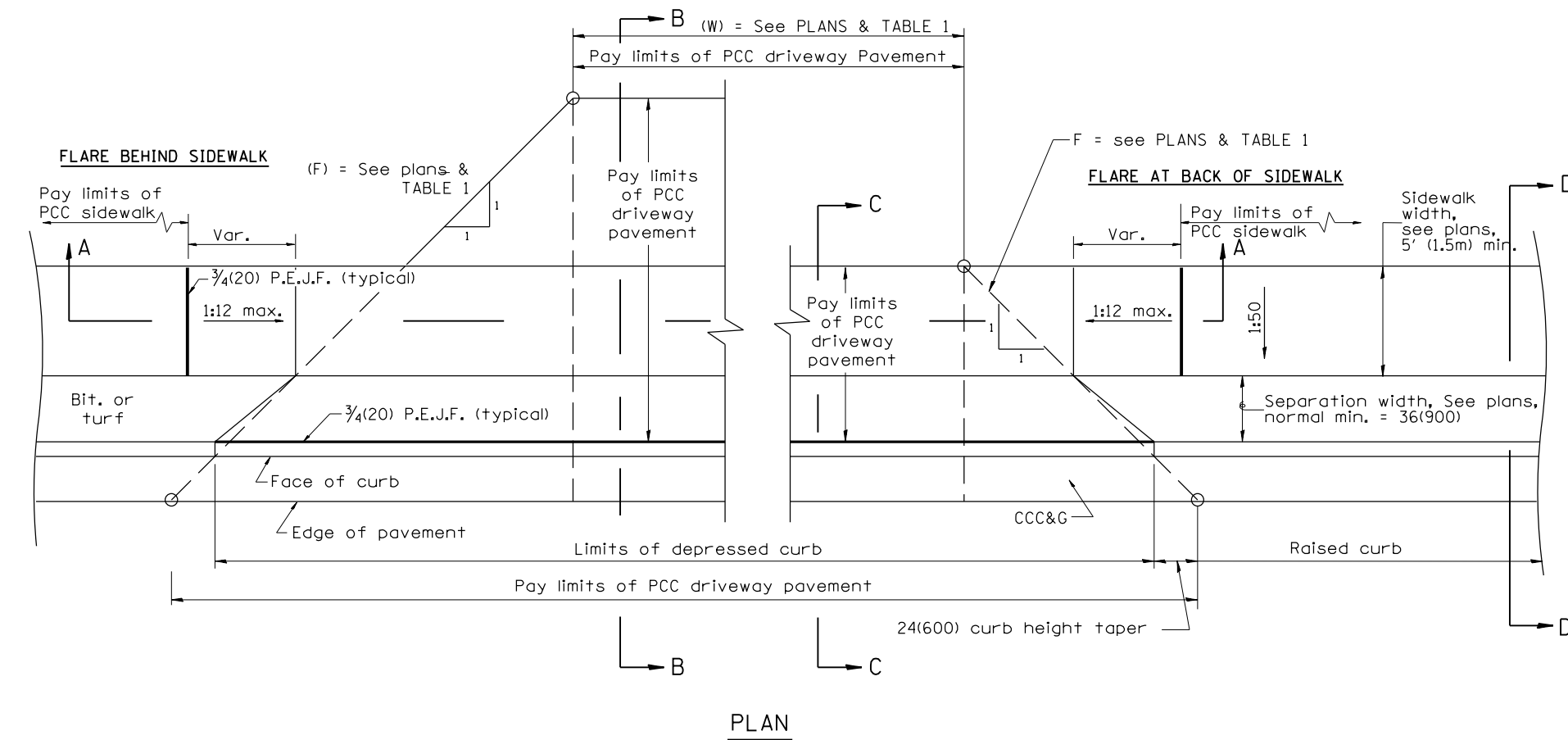
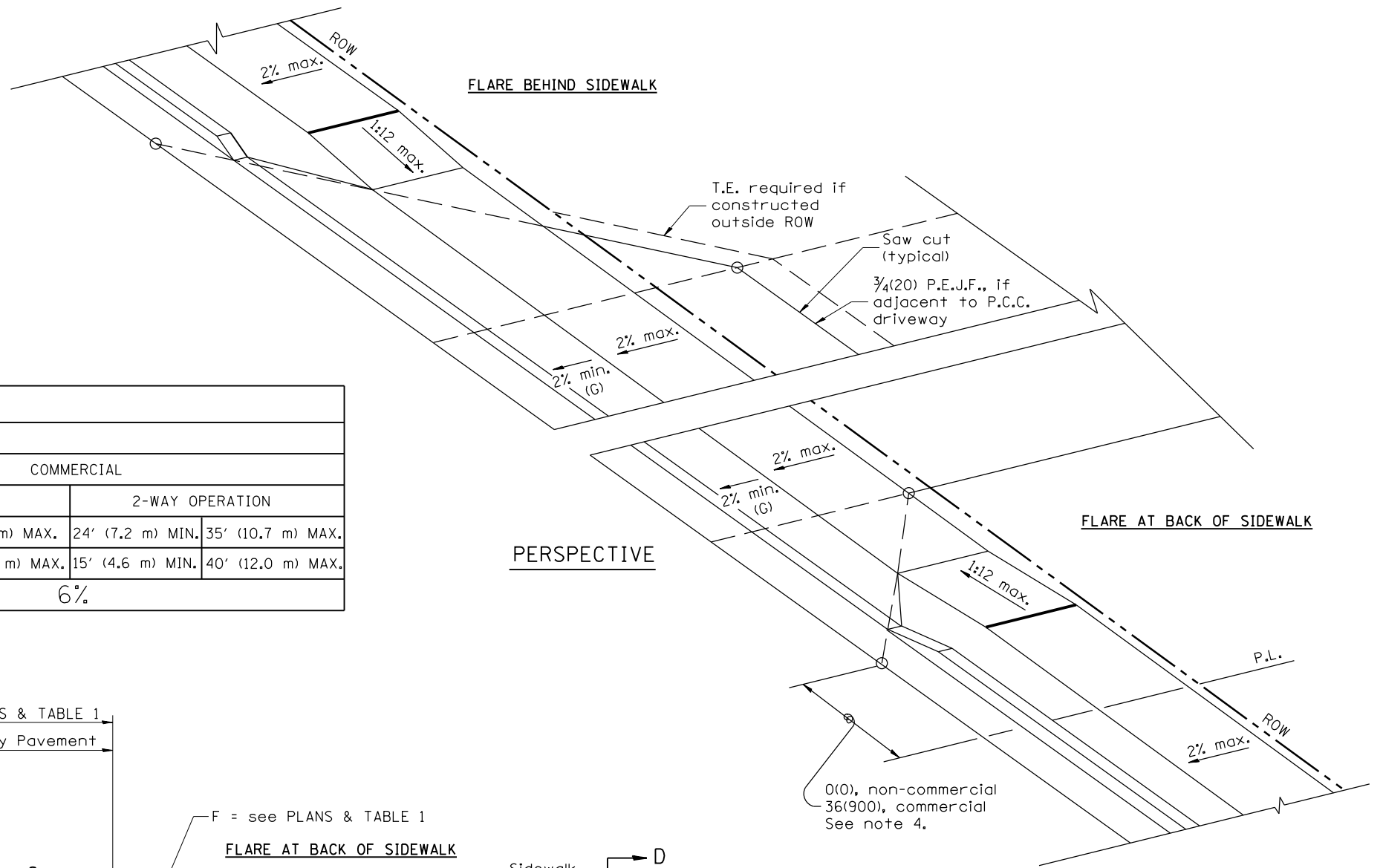
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR CURBLINE SIDEWALKS

SHT. 2 OF 2
CADD STD. 423101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	344
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

DESIGNER NOTES:
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
 1:1 FLARES ARE RECOMMENDED FOR SIDEWALKS WITH NARROW SEPARATIONS.
 2. DESIGNER SHOULD REVIEW BDE CHAPTER 58.
 3. STATE STANDARD 606001 AND APPLICABLE SIDEWALK STANDARDS SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING.

TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



GENERAL NOTES

1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.01, NEW REVISION BOX	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
01-17-03	REMOVE CURB CONTRACTION	JATR			
09-15-05	JOINT	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

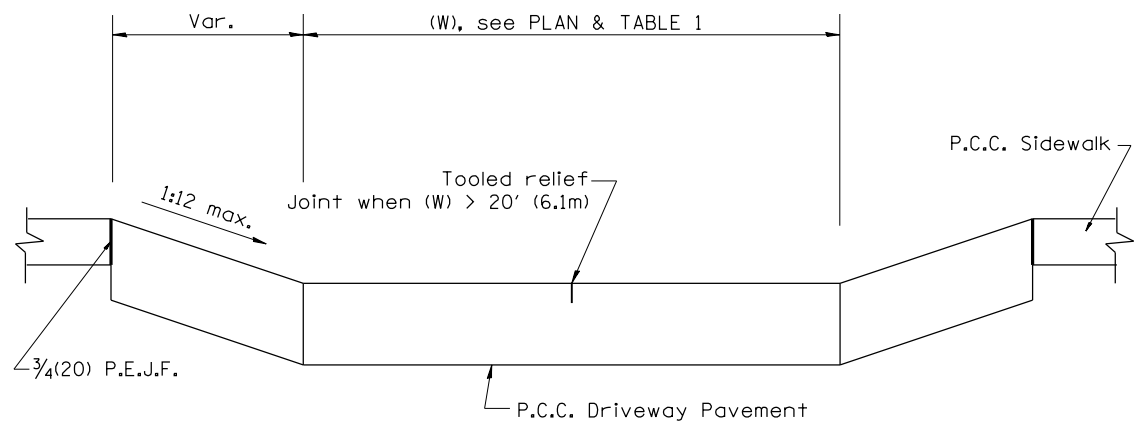
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

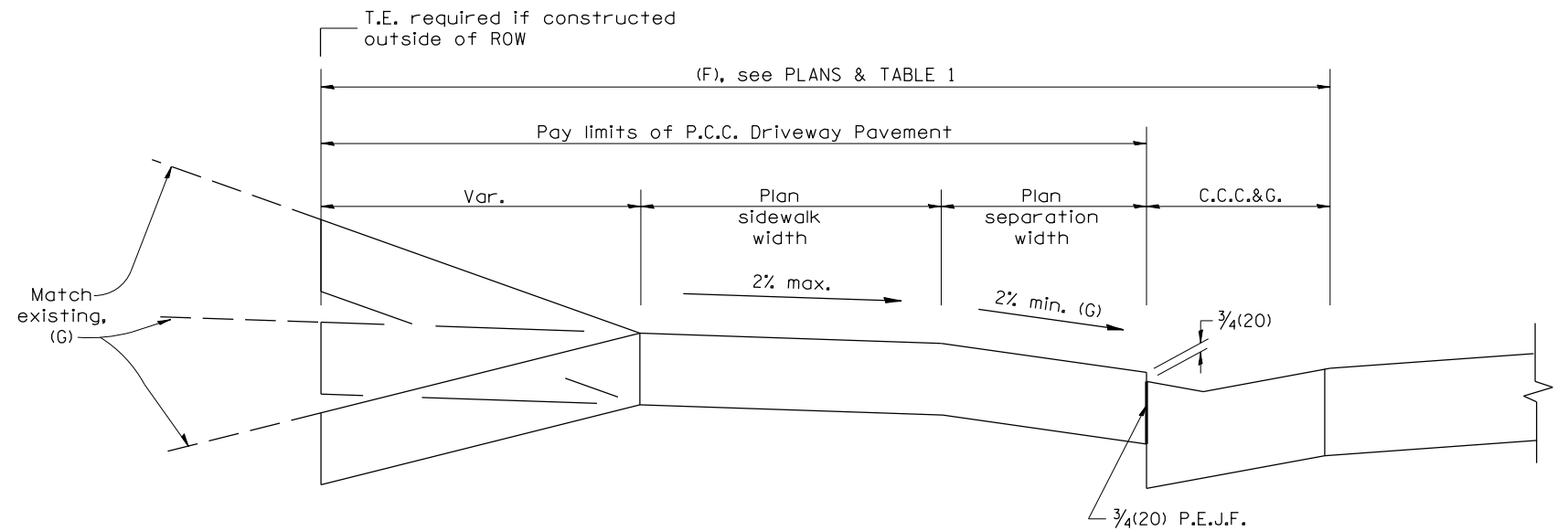
**URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR SEPARATED SIDEWALKS**

SHT. 1 OF 2
CADD STD. 423106-D4

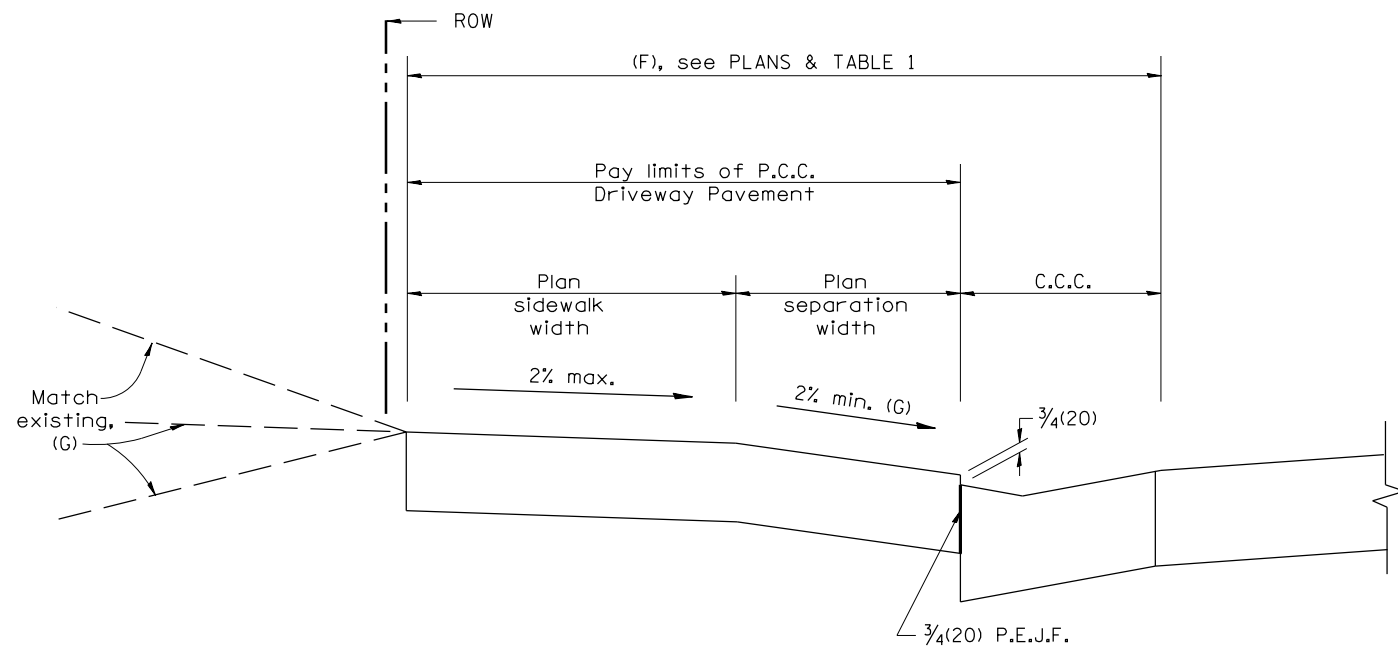
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	345
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	



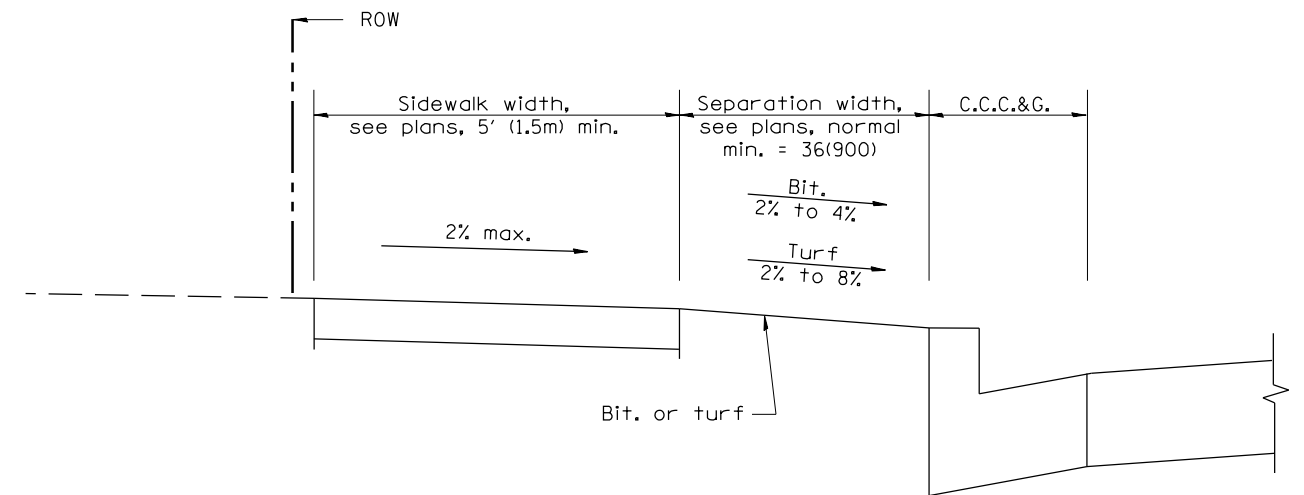
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in inches (millimeters) unless otherwise noted.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

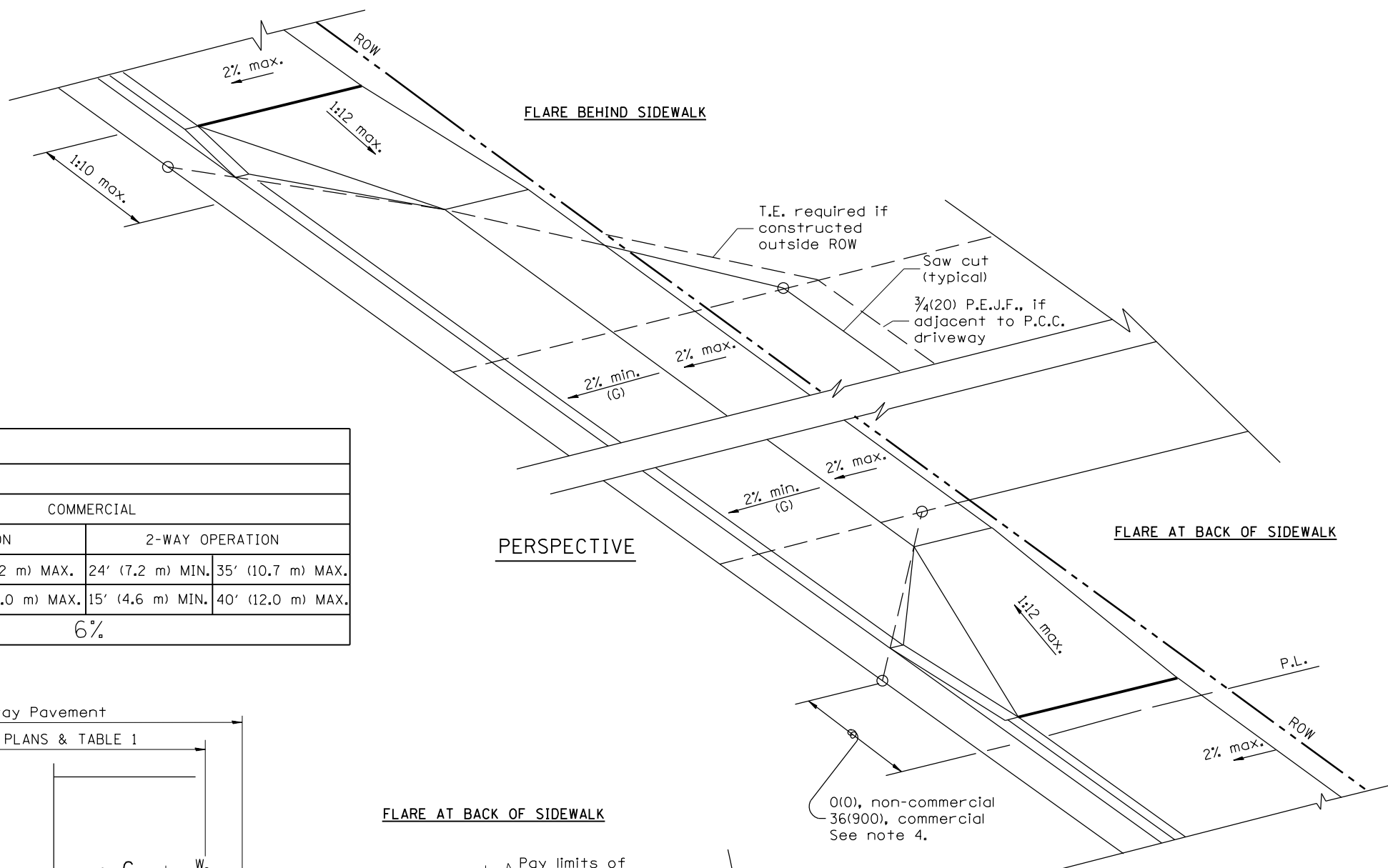
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR SEPARATED SIDEWALKS

NOT TO SCALE

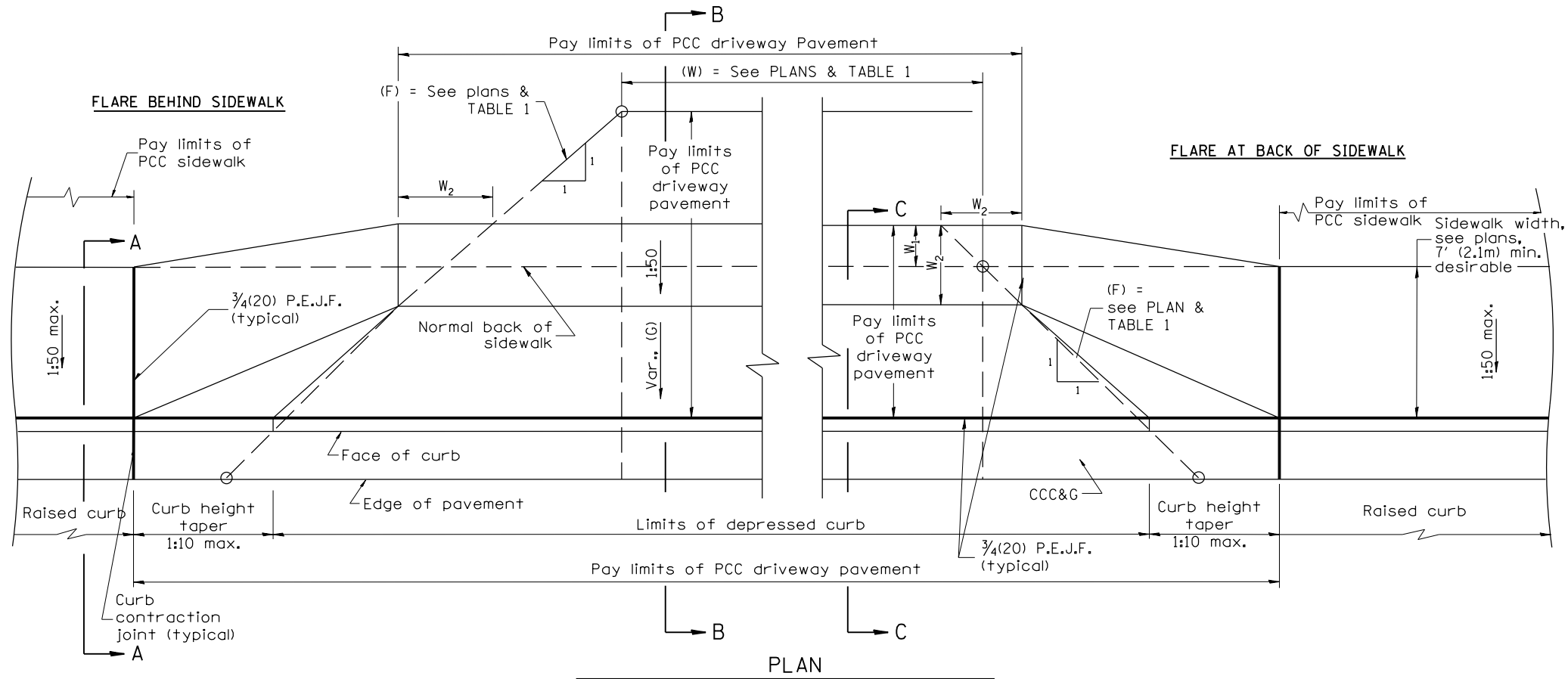
SHT. 2 OF 2
CADD STD. 423106-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	346
CONTRACT NO. 88792				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
 1:1 FLARES ARE RECOMMENDED FOR CURBLINE SIDEWALKS.
 2. DESIGNER SHOULD REVIEW CHAPTER 58 OF BDE FOR THE ADA REQUIREMENTS.
 3. INCLUDE STATE STANDARD 606001 AND APPLICABLE SIDEWALK STANDARDS.



ELEMENT	NON-COMMERCIAL		COMMERCIAL	
			1-WAY OPERATION	2-WAY OPERATION
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%	

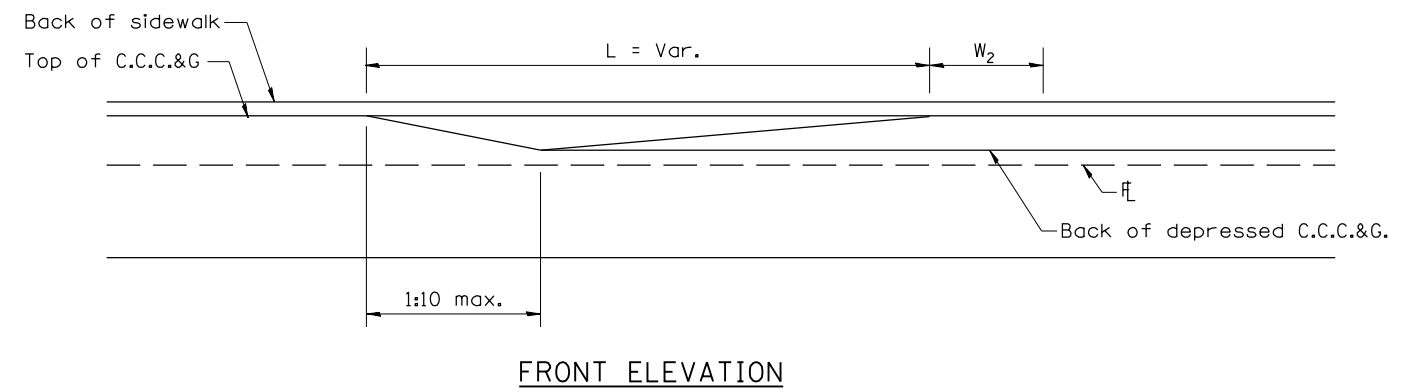
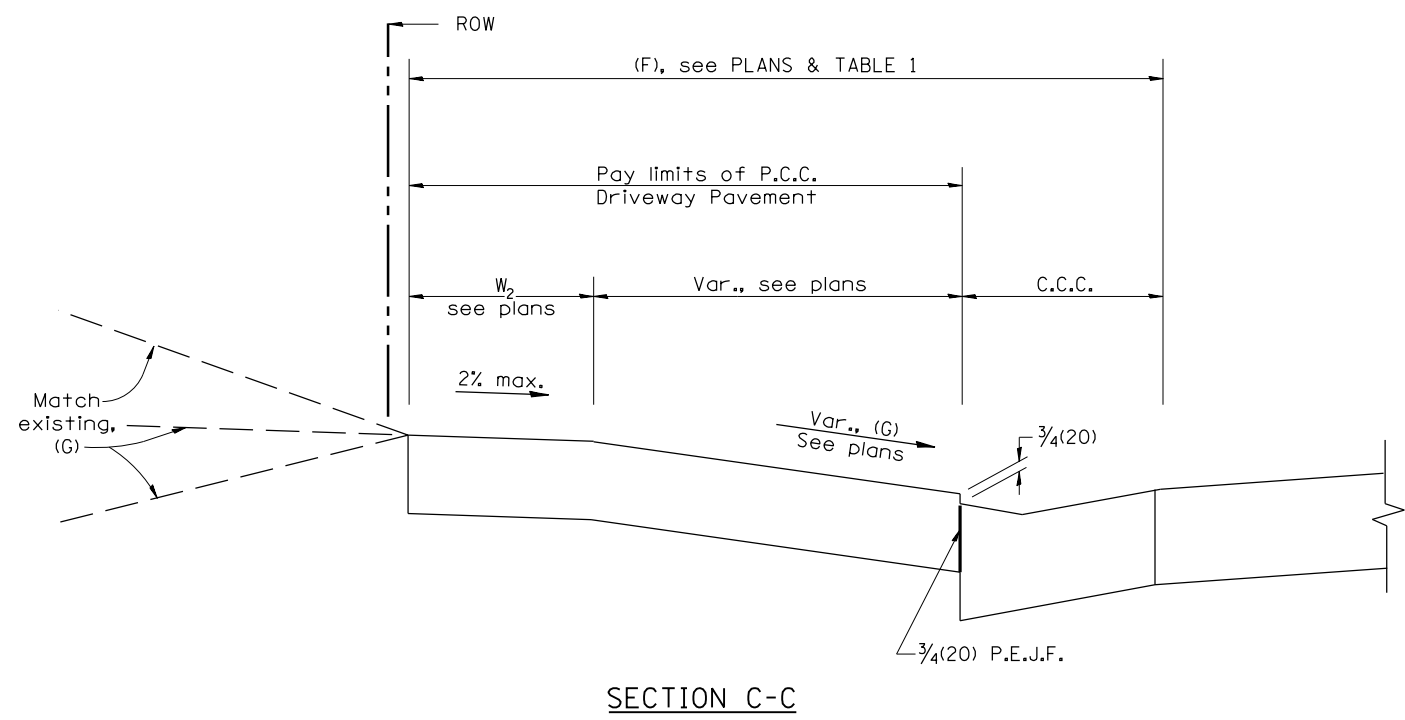
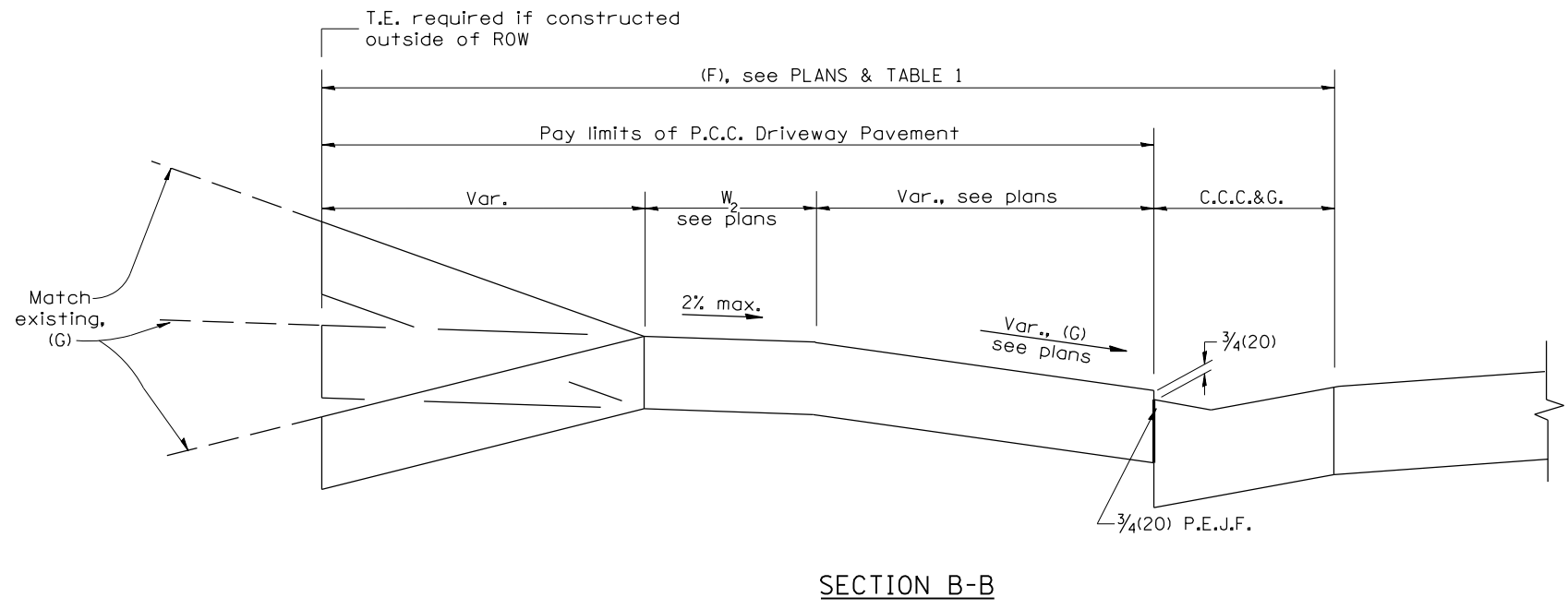
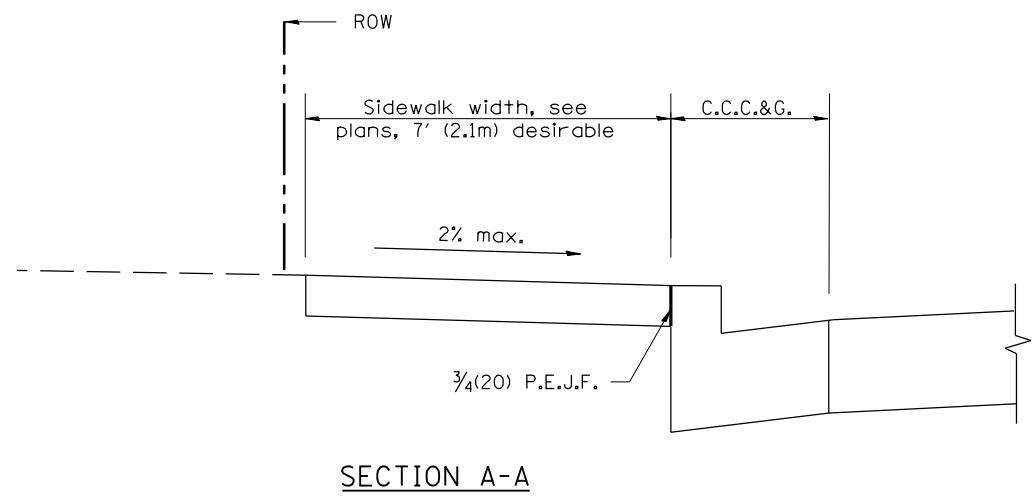


W_1 = widening behind normal sidewalk (See plans)
 W_2 = sidewalk slope at 1:50; minimum width = 48(1200)

GENERAL NOTES

- The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
- Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
- Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
- Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

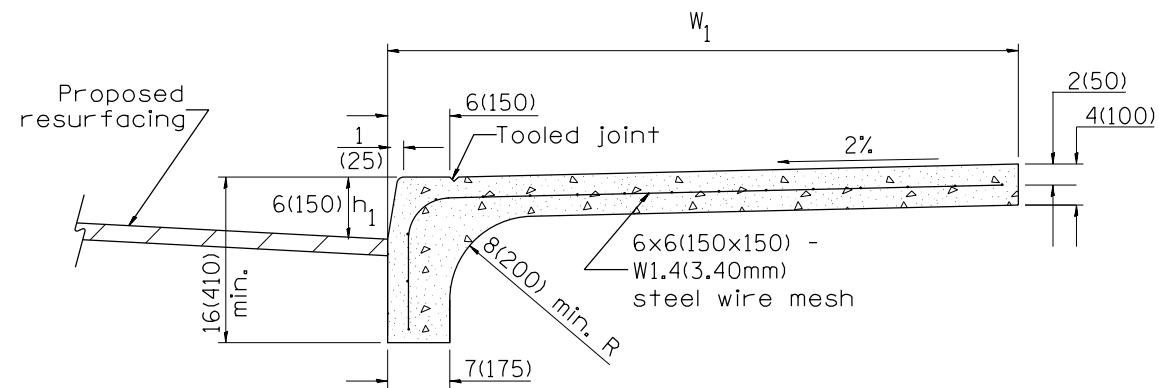
All dimensions are in inches (millimeters) unless otherwise noted.



All dimensions are in inches (millimeters) unless otherwise noted.

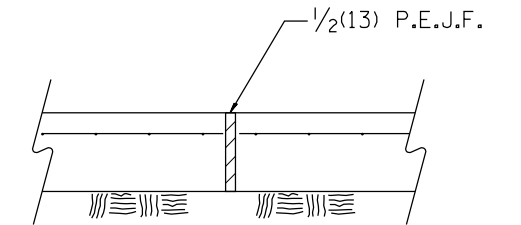
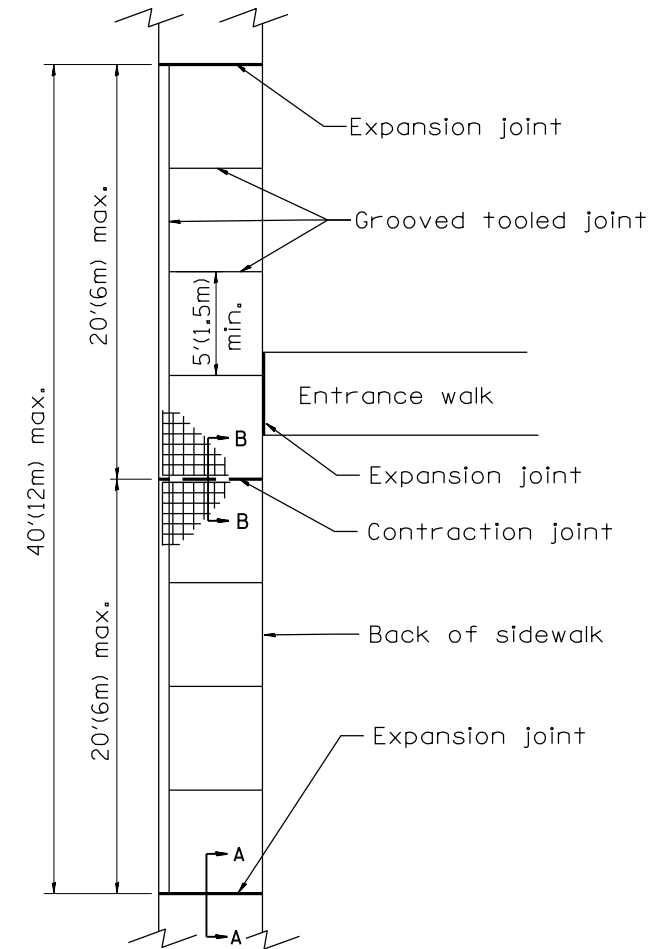
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, SPECIAL DESIGN FOR CURBLINE SIDEWALKS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								1380	7W-1, RS-3	PEORIA	617	348
NOT TO SCALE				SHT. 2 OF 2 CADD STD. 423111-D4				CONTRACT NO. 88792				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001 AND DISTRICT CADD STD. " CURB RAMPS ACCESSIBLE TO THE DISABLED."

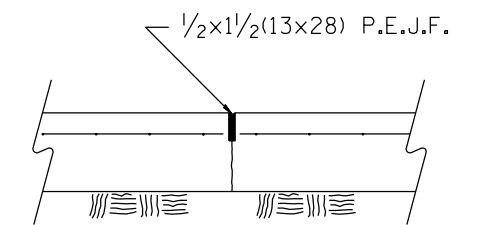


COMBINATION CURB - SIDEWALK 4"(100mm)

Measurement Formula: $(W_1 + h_1) \times \text{length constructed} = \text{Payment area in square meters(square feet)}$



SEC. A-A
Expansion Joint



SEC. B-B
Contraction Joint

GENERAL NOTES:

- All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. A-5.02, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

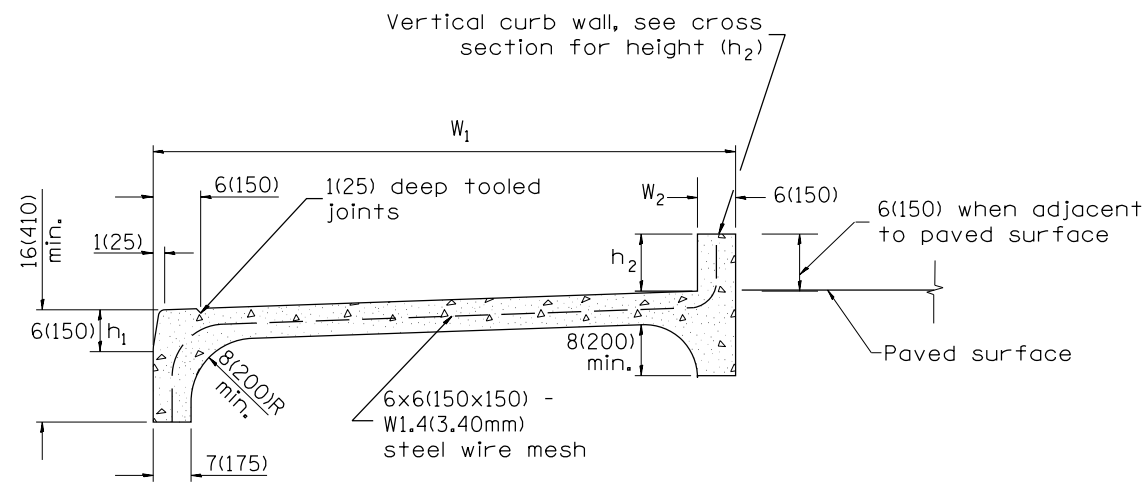
COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm)

NOT TO SCALE

CADD STD. 424101-D4

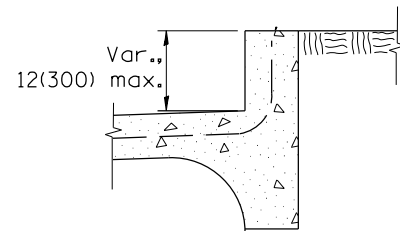
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	349
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

DESIGNER NOTES:
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001 AND DISTRICT CADD STDS. "CURB RAMPS ACCESSIBLE TO THE DISABLED" AND "COMBINATION CONCRETE CURB & SIDEWALK 4" (100mm).

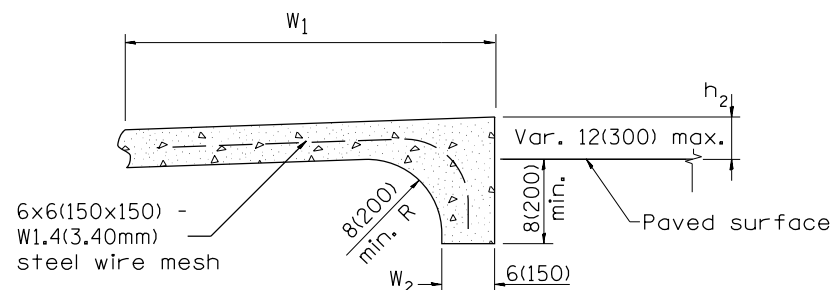


**COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm)
(SPECIAL)**

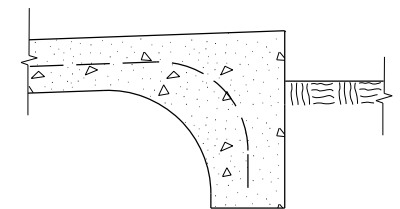
Measurement formula: $(W_1 + W_2 + h_1 + h_2) \times \text{length constructed} =$
 Payment area in square feet (square meters)



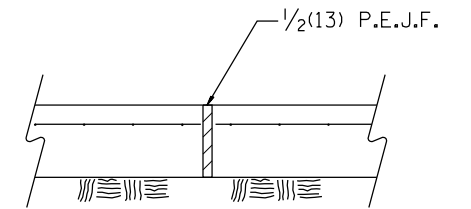
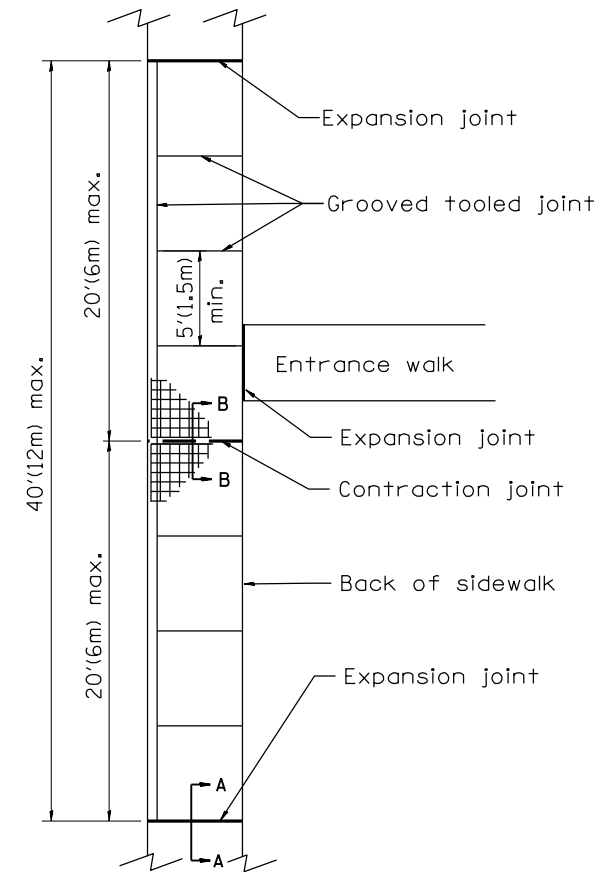
WITH TURF BORDER



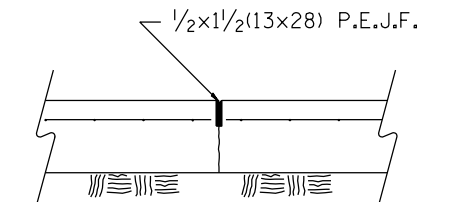
ALTERNATE BACK DETAIL
 WHEN SIDEWALK GRADE ABOVE EXISTING GRADE



WITH TURF BORDER



SEC. A-A
 Expansion Joint



SEC. B-B
 Contraction Joint

GENERAL NOTES:

- All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. A-5.03, NEW REVISION BOX	T.P.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

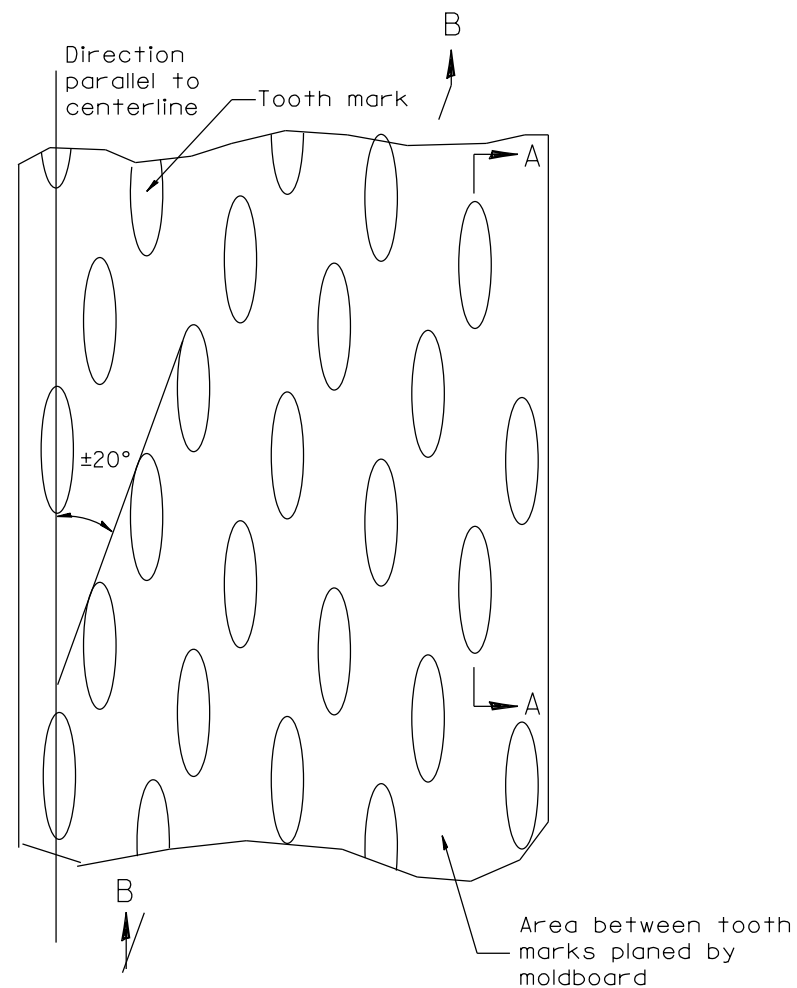
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm), (SPECIAL)

NOT TO SCALE

CADD STD. 424106-D4

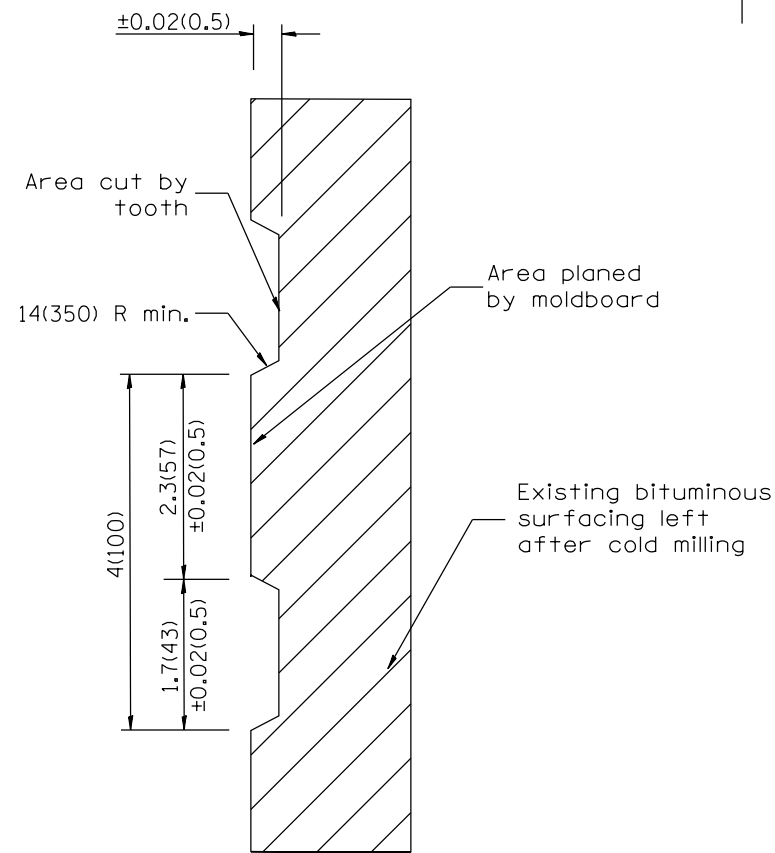
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	350
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	



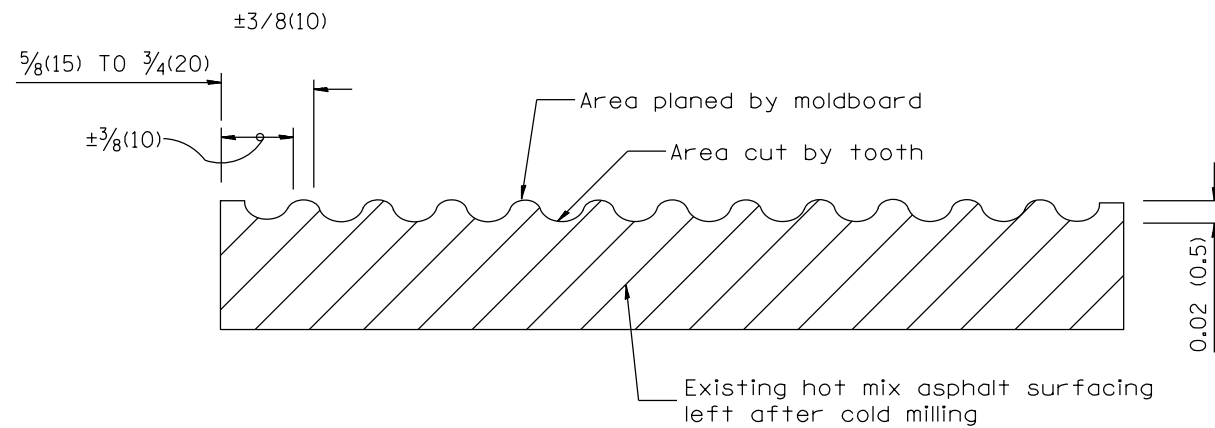
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED PERPENDICULAR TO CENTERLINE

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

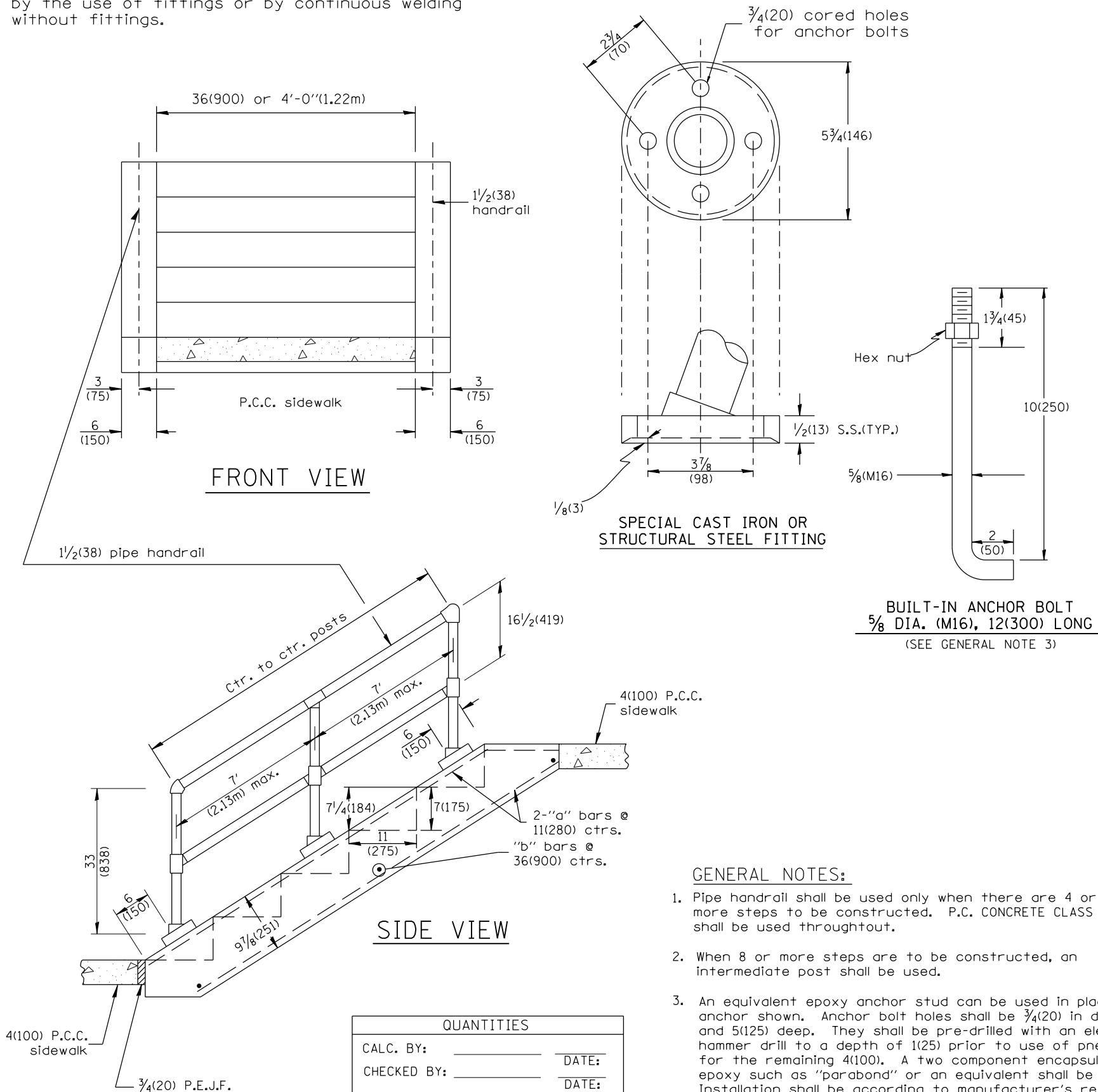
CADD STD. 440001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	351
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

Connction of railings to posts may be made either by the use of fittings or by continuous welding without fittings.

Article 509.04 of the Standard Specifications apply.

DESIGNER NOTES: DETAIL FOR PRIVATE RESIDENCE, NOT COMMERCIAL USE. COMMERCIAL MUST FIT ADA REQUIREMENTS.



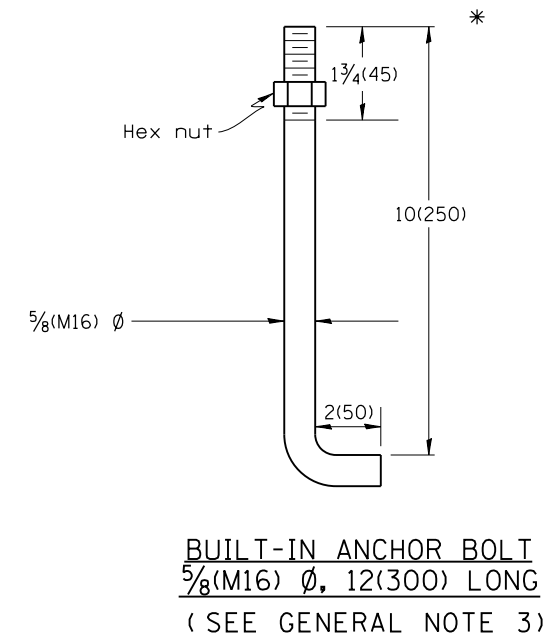
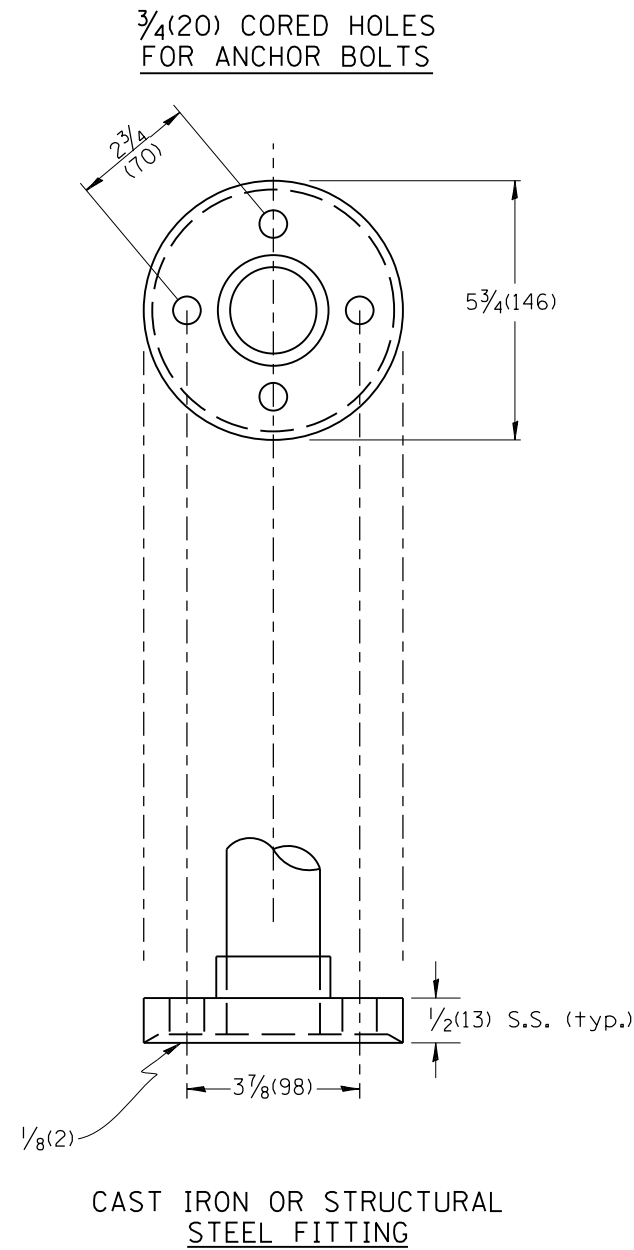
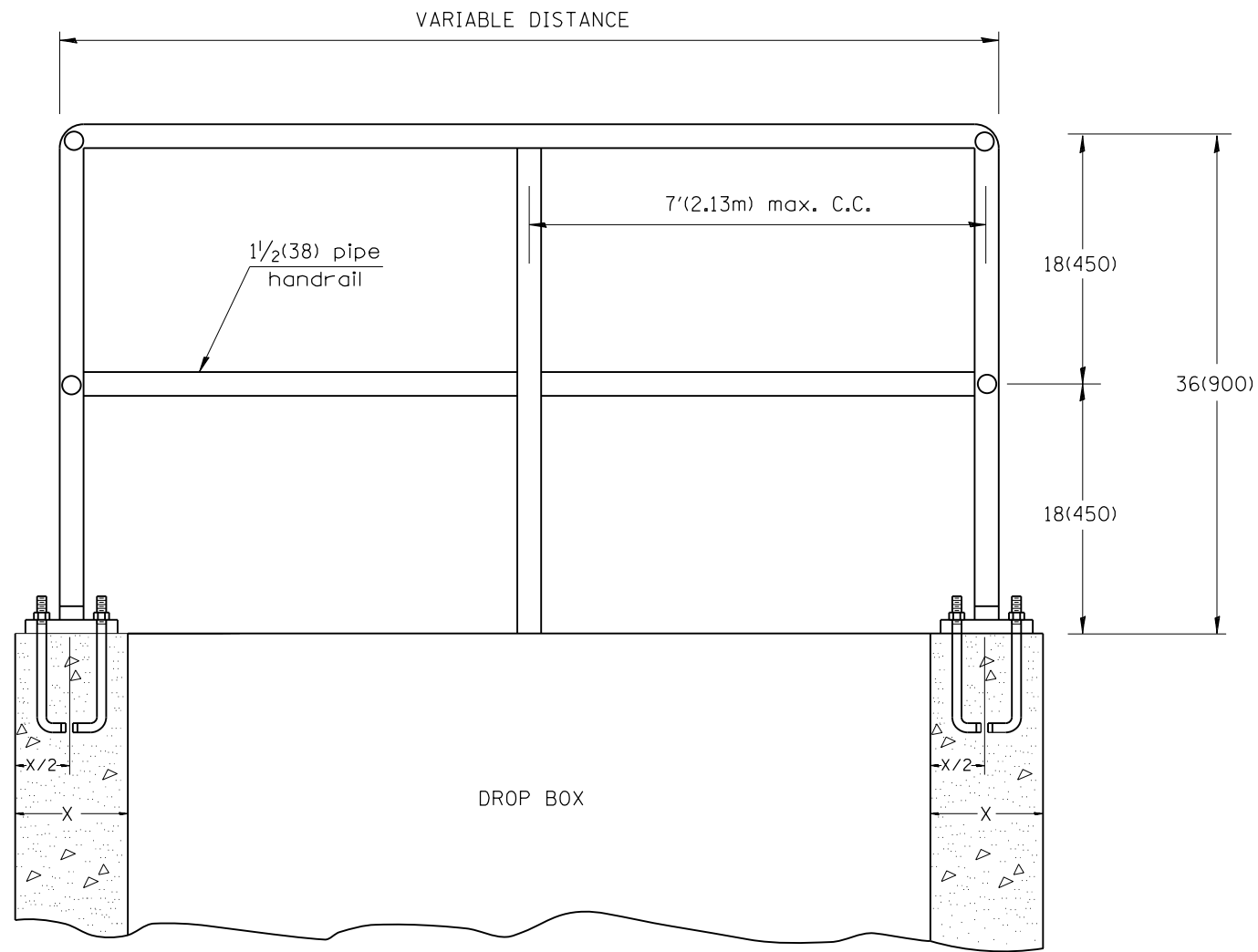
GENERAL NOTES:

1. Pipe handrail shall be used only when there are 4 or more steps to be constructed. P.C. CONCRETE CLASS SI shall be used throughout.
2. When 8 or more steps are to be constructed, an intermediate post shall be used.
3. An equivalent epoxy anchor stud can be used in place of anchor shown. Anchor bolt holes shall be 3/4(20) in diameter and 5(125) deep. They shall be pre-drilled with an electric hammer drill to a depth of 1(25) prior to use of pneumatic drill for the remaining 4(100). A two component encapsulated epoxy such as "parabond" or an equivalent shall be used. Installation shall be according to manufacturer's recommendations. The pipe handrail shall be galvanized by the hot dip process.

NO. OF STEPS	WIDTH IN.(mm)	CLASS "SI" CONCRETE CU. YDS. m ³	#4(#15) REINFORCEMENT BARS				PIPE HANDRAIL LENGTH
			BAR	NO.	LGTH.	lbs(kg)	
1	36 (900)	0.17(0.13)	a	7	24(610)	14(10)	—
			b	2	3'-9"(1.14m)		
1	4'-0" (1.22m)	0.21(0.16)	a	8	24(610)	16(12)	—
			b	2	4'-9"(1.45m)		
2	36 (900)	0.26(0.20)	a	7	36(914)	20(14)	—
			b	2	3'-9"(1.14m)		
2	4'-0" (1.22m)	0.33(0.25)	a	8	36(914)	22(16)	—
			b	2	4'-9"(1.45m)		
3	36 (900)	0.35(0.27)	a	7	4'-0"(1.22m)	26(19)	—
			b	3	3'-9"(1.14m)		
3	4'-0" (1.22m)	0.45(0.34)	a	8	4'-0"(1.22m)	31(22)	—
			b	3	4'-9"(1.45m)		
4	36 (900)	0.44(0.34)	a	7	5'-0(1.52m)	31(24)	3'-4"(1.01m)
			b	3	3'-9"(1.14m)		
4	4'-0" (1.22m)	0.57(0.44)	a	8	5'-0(1.52m)	36(26)	3'-4"(1.01m)
			b	3	4'-9"(1.45m)		
5	36 (900)	0.53(0.41)	a	7	6'-0(1.83m)	38(27)	4'-5"(1.35m)
			b	4	3'-9"(1.14m)		
5	4'-0" (1.22m)	0.69(0.53)	a	8	6'-0(1.83m)	45(32)	4'-5"(1.35m)
			b	4	4'-9"(1.45m)		
6	36 (900)	0.62(0.47)	a	7	7'-0(2.13m)	43(31)	5'-6"(1.68m)
			b	4	3'-9"(1.14m)		
6	4'-0" (1.22m)	0.81(0.62)	a	8	7'-0(2.13m)	50(36)	5'-6"(1.68m)
			b	4	4'-9"(1.45m)		
7	36 (900)	0.71(0.54)	a	7	8'-0(2.44m)	49(56)	6'-7"(2.01m)
			b	5	3'-9"(1.14m)		
7	4'-0" (1.22m)	0.93(0.71)	a	8	8'-0(2.44m)	59(42)	6'-7"(2.01m)
			b	5	4'-9"(1.45m)		
8	36 (900)	0.80(0.61)	a	7	9'-0(2.74m)	55(39)	7'-8"(2.34m)
			b	5	3'-9"(1.14m)		
8	4'-0" (1.22m)	1.05(0.80)	a	8	9'-0(2.74m)	64(46)	7'-8"(2.34m)
			b	5	4'-9"(1.45m)		
9	36 (900)	0.89(0.68)	a	7	10'-0(3.05m)	62(44)	8'-9"(2.67m)
			b	6	3'-9"(1.14m)		
9	4'-0" (1.22m)	1.17(0.89)	a	8	10'-0(3.05m)	72(52)	8'-9"(2.67m)
			b	6	4'-9"(1.45m)		
10	36 (900)	0.98(0.75)	a	7	11'-0(3.35m)	66(48)	9'-10"(2.67m)
			b	6	3'-9"(1.14m)		
10	4'-0" (1.22m)	1.29(0.99)	a	8	11'-0(3.35m)	78(56)	9'-10"(2.67m)
			b	6	4'-9"(1.45m)		

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

All dimensions are in inches (millimeters) unless otherwise noted.



GENERAL NOTES:

- Article 509.04 of the Standard Specifications shall apply.
- Connection of railing to posts shall be made by continuous welding or with using standard pipe fitting.
- An equivalent epoxy anchor stud can be used in place of anchor shown. Anchor bolt holes shall be 3/4(20) in diameter and 5(125) deep. They shall be predrilled with an electric hammer drill to a depth of 4(100) prior to use of a pneumatic drill for the remaining 4(100). A two component encapsulated epoxy such as "Parabond" or an equivalent shall be used. Installation shall be according to Manufacturer's recommendations.
- The pipe handrail shall be galvanized by the hot dip process.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-11.01, METRICS, NEW REVISION BOX, REVISED TITLE BOX, REVISED NOTES	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

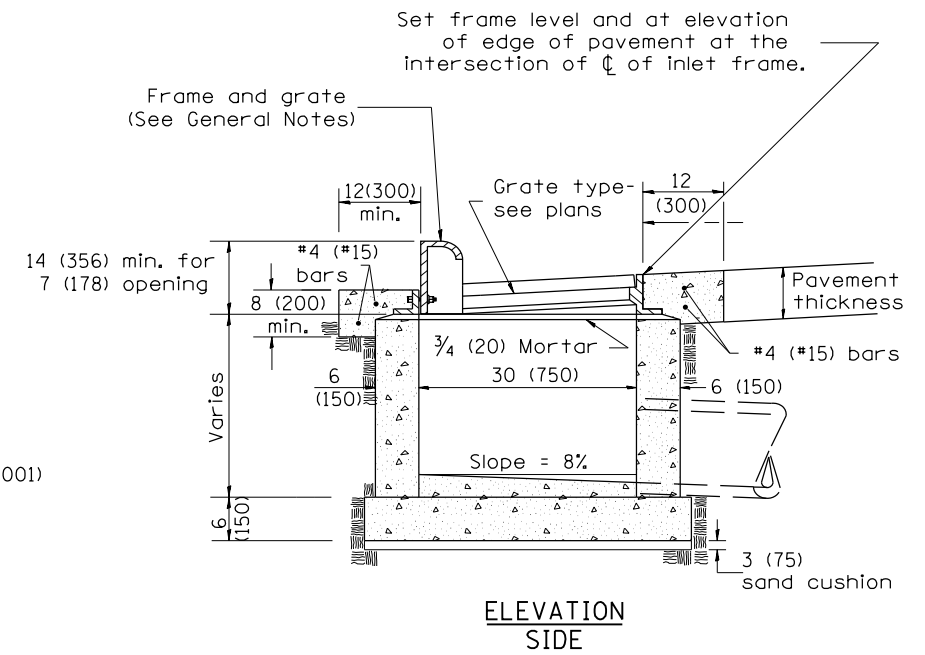
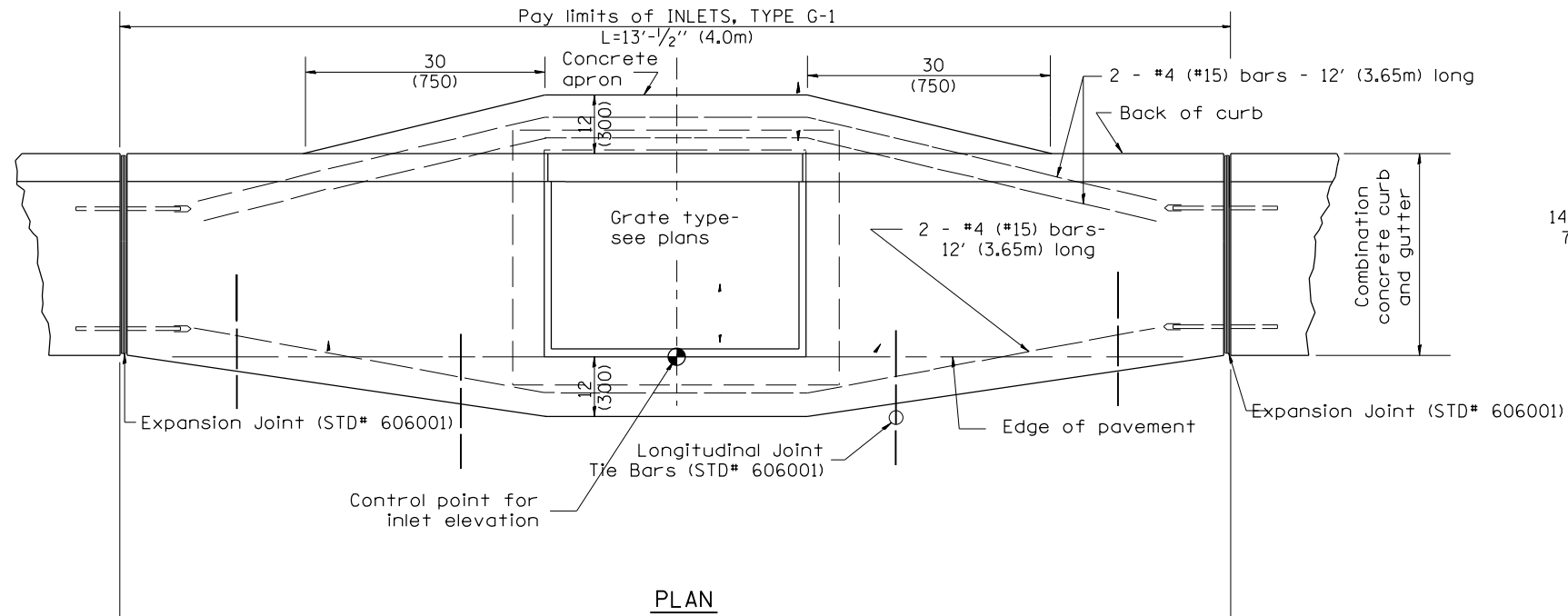
DETAIL OF PIPE HANDRAIL FASTENING

NOT TO SCALE

CADD STD. 510001-D4

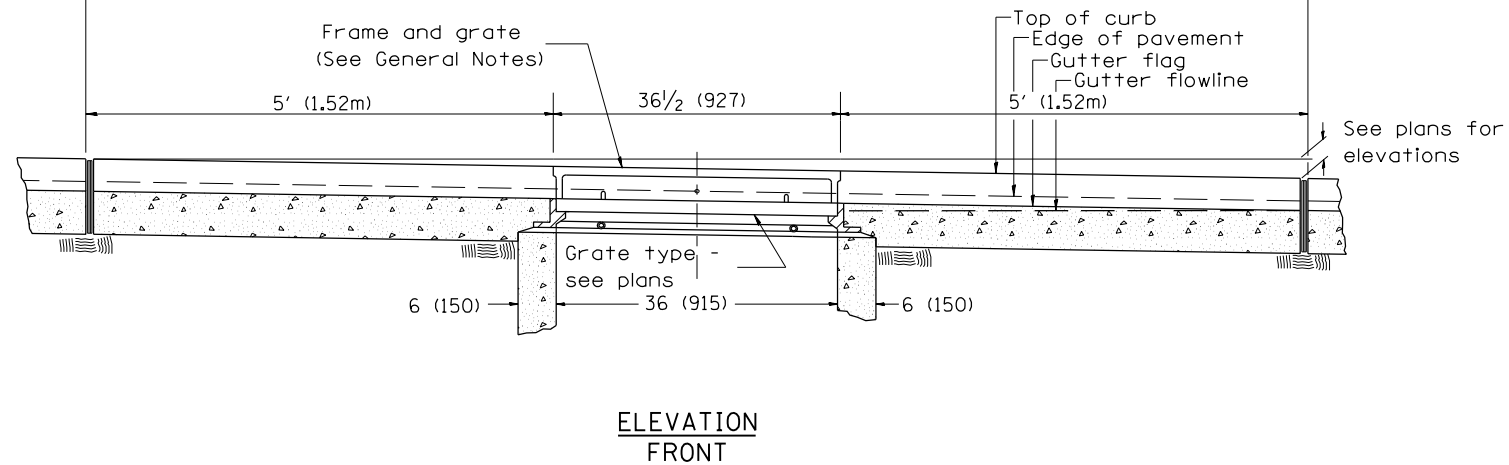
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	353
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

DESIGNER NOTES:
 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates and specify grate type in plans.
 4. Include District CADD Standard for frame and grates and specify grate type in plans.
 5. The designer should include pavement removal quantities when the apron requires pavement removal.



GENERAL NOTES

- Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
- Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
- See District CADD Standard 604001-D4 for frame and grates.



All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
02-00	REVISION TO DESIGNER NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

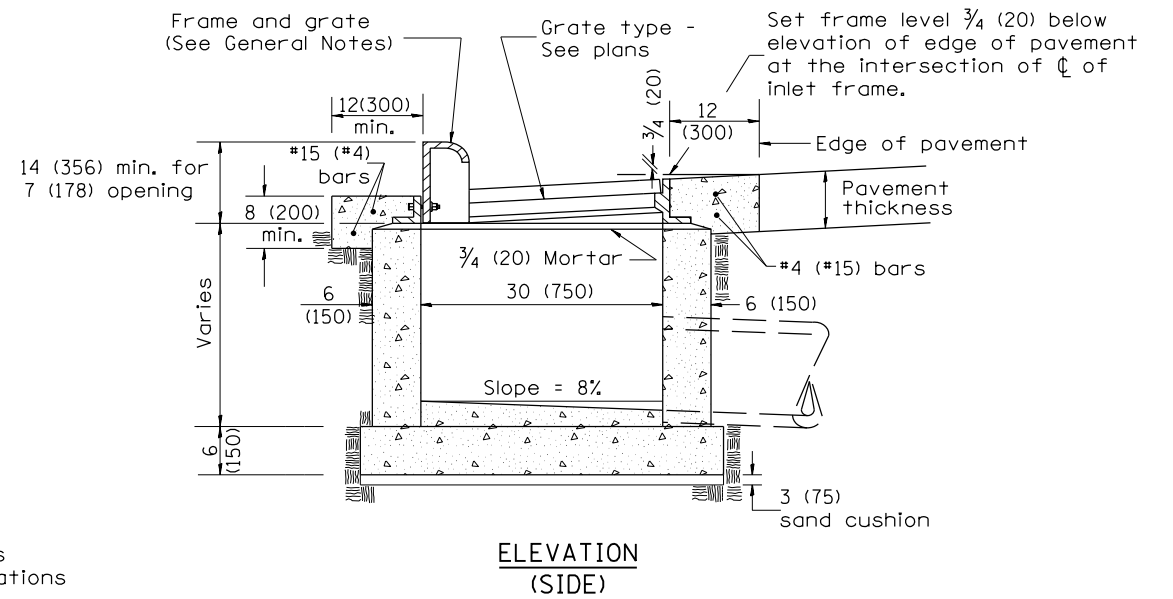
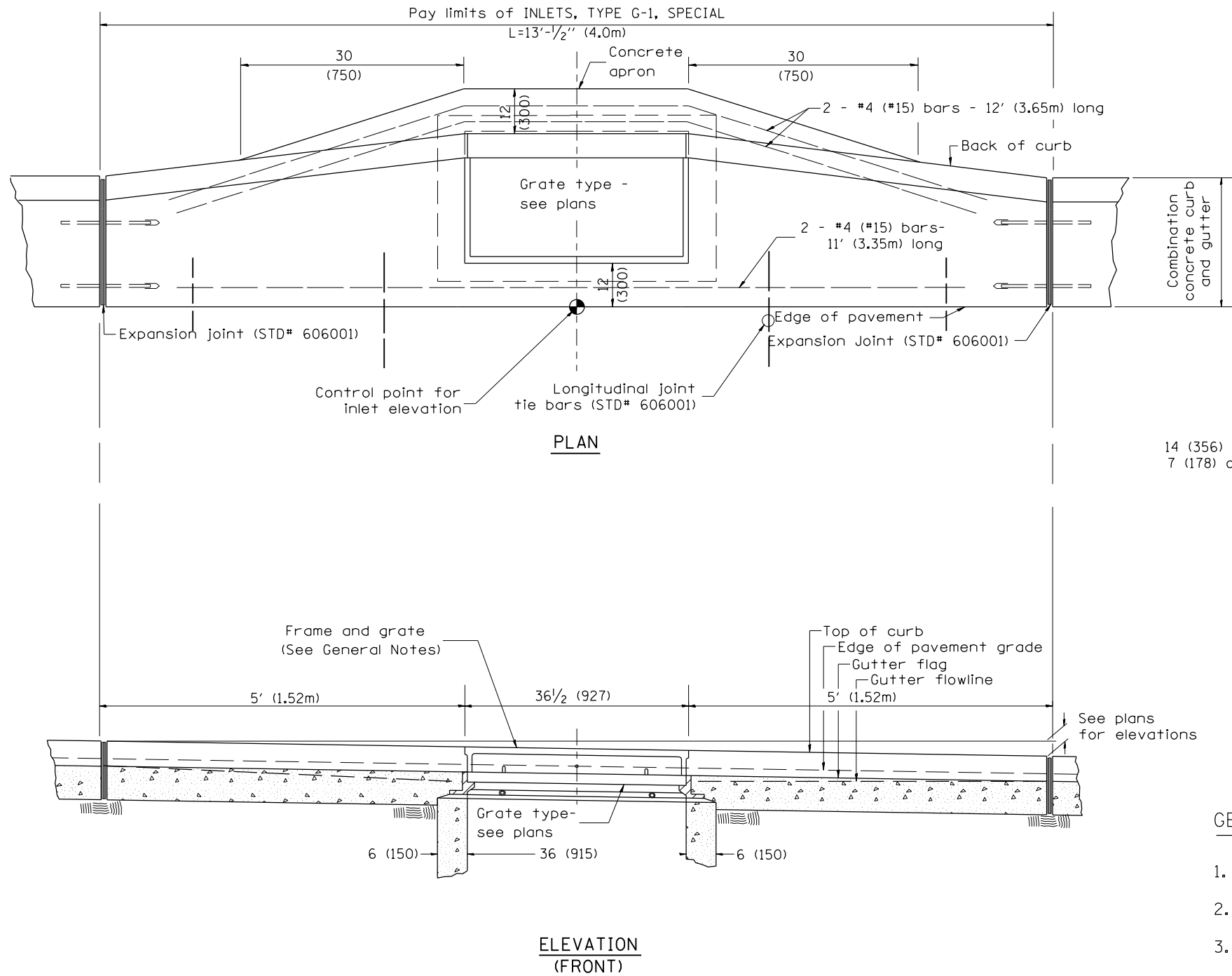
INLETS, TYPE G-1

NOT TO SCALE

CADD STD. 602001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	354
CONTRACT NO. 88792				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates.
 4. Include District Special Provision. Pay item includes transitional c.c.c. & g., inlet and frame and grate. All work within pay limits.
 5. Specify grate type in plans



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.02, NEW REVISION BOX								
12-01-98	CORRECT E.O.P. NOTE	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

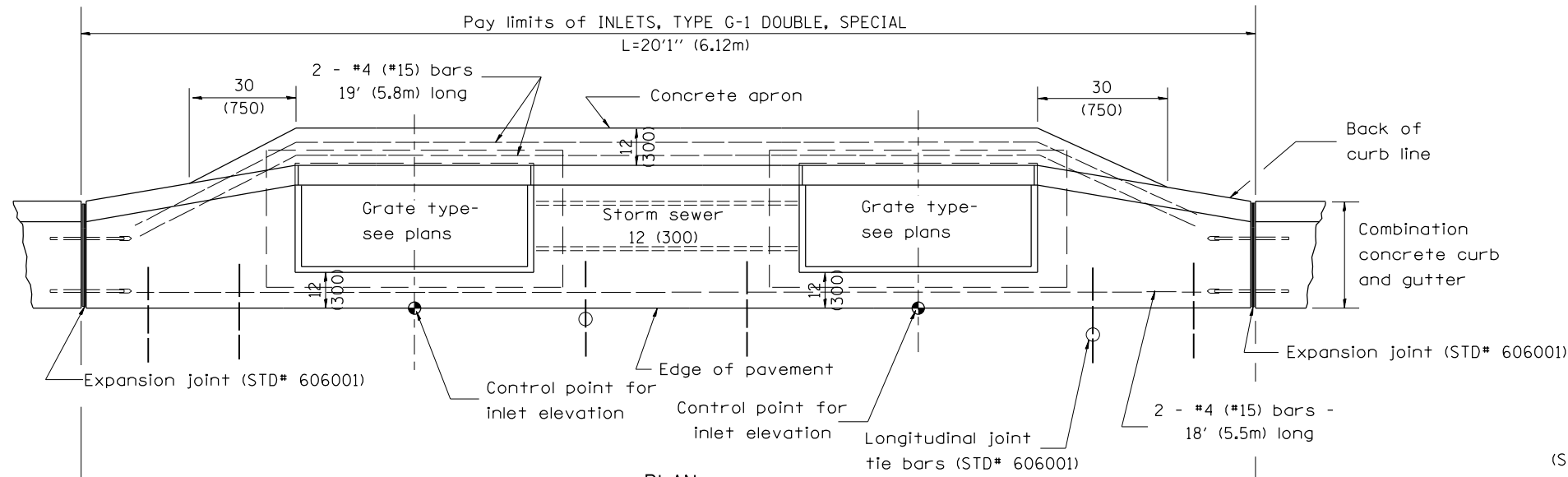
INLETS, TYPE G-1, SPECIAL

NOT TO SCALE

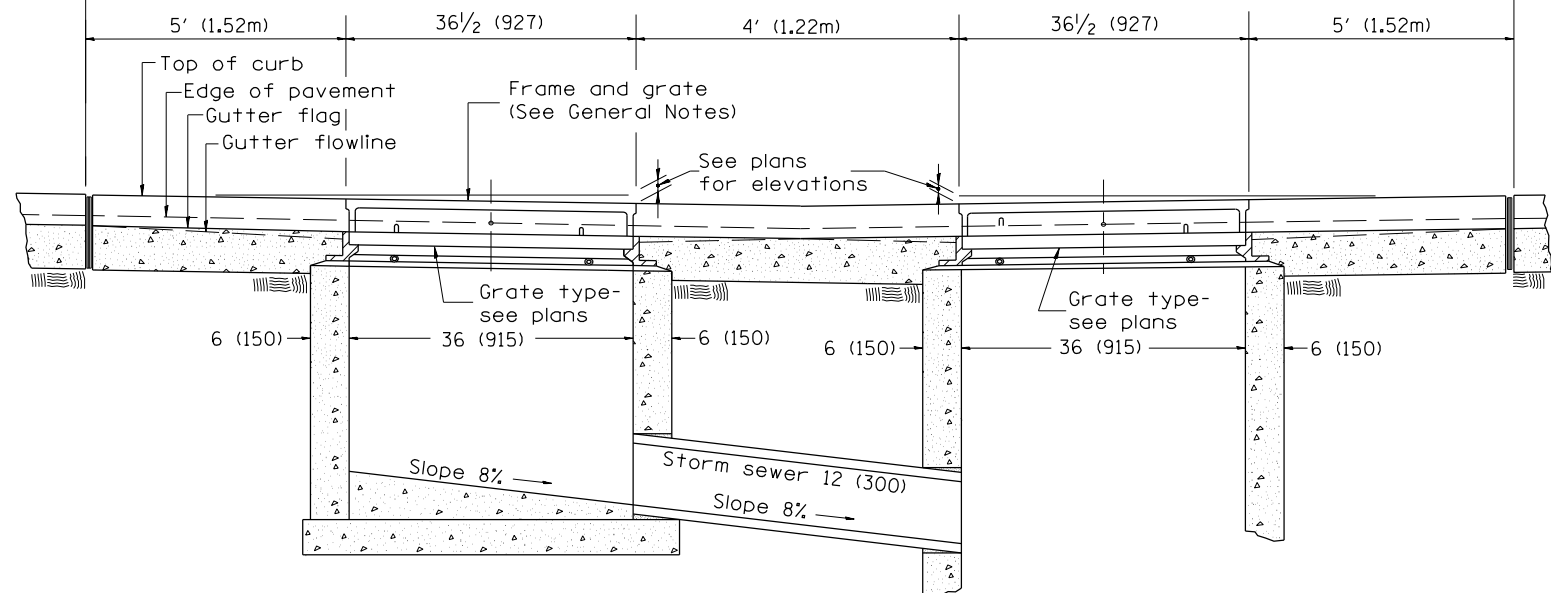
CADD STD. 602006-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	355
CONTRACT NO. 88792				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

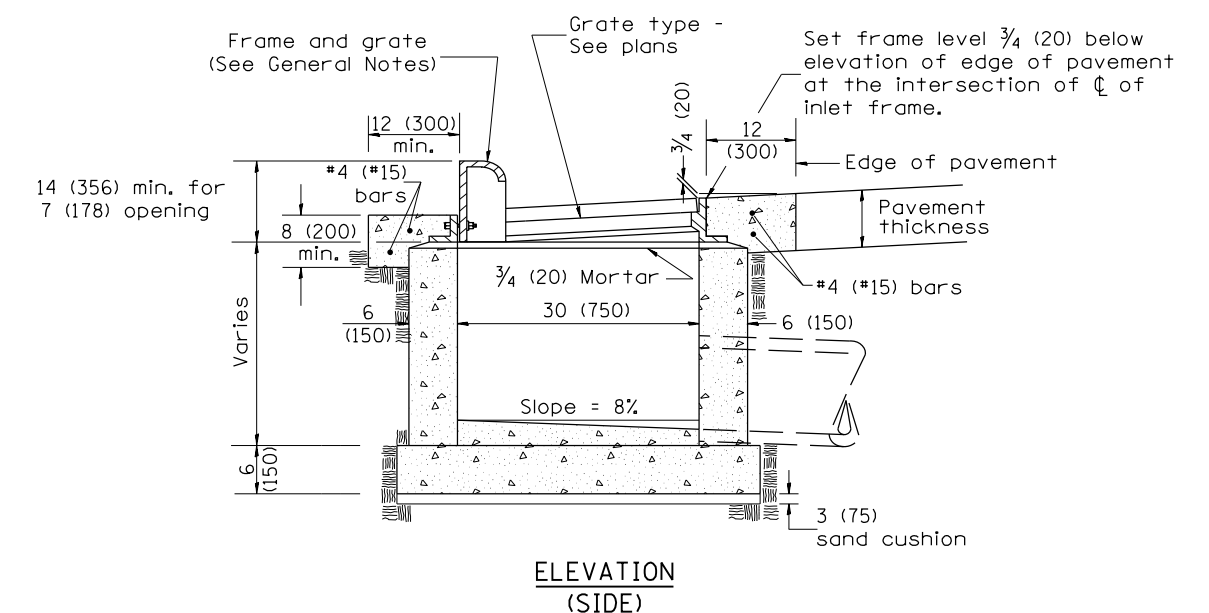
DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates.
 4. Include District Special Provision. Pay item includes transitional c.c.c & g., inlet and frame and grate. All work within pay limits.
 5. Specify grate type in plans.



PLAN



FRONT ELEVATION



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.04, NEW REVISION BOX	T.P.							
04-01-97	CORRECT DIMENSIONS	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

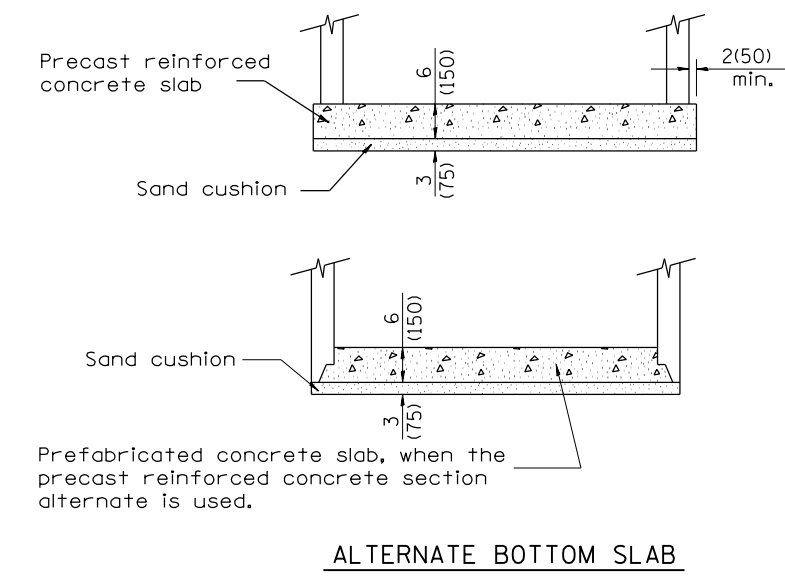
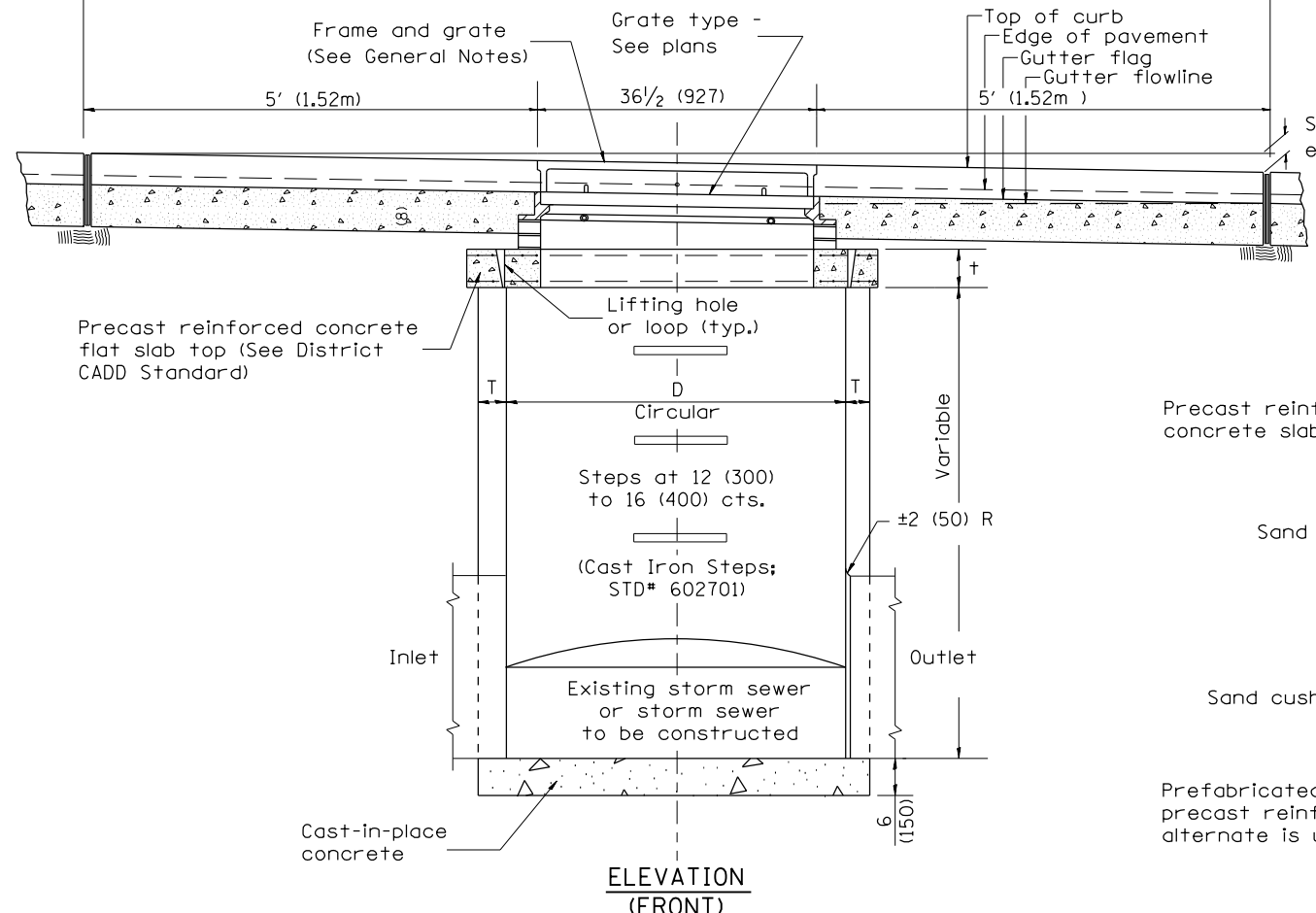
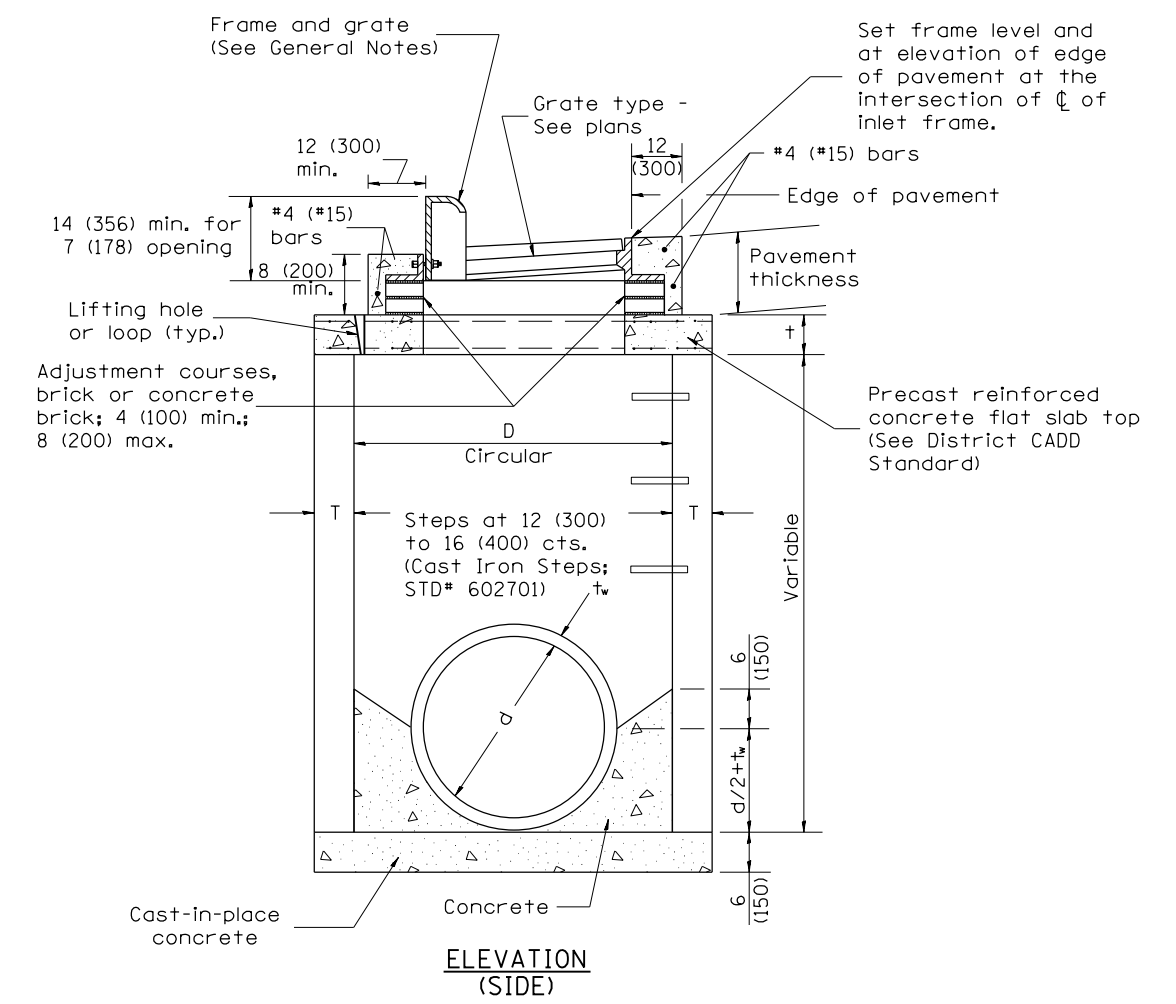
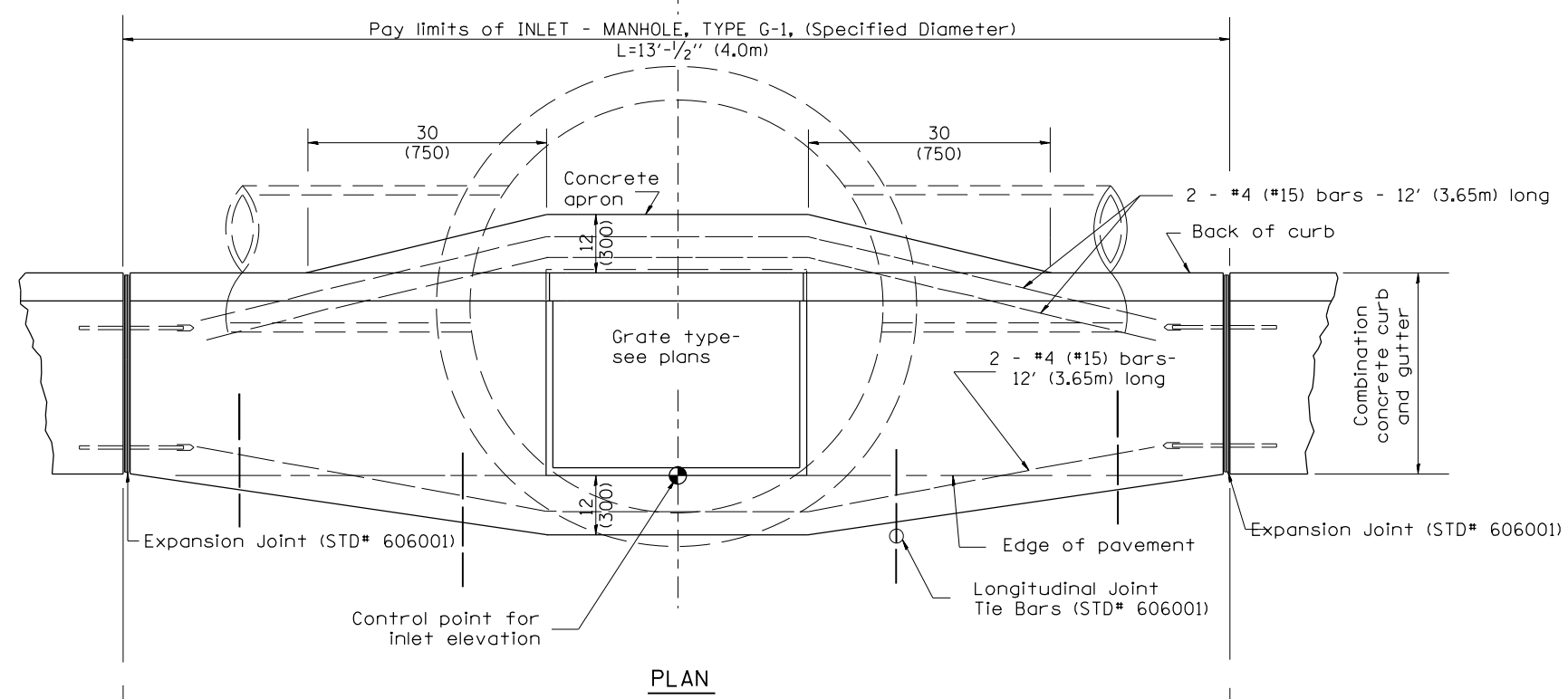
INLETS, TYPE G-1 DOUBLE, SPECIAL

NOT TO SCALE

CADD STD. 602016-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	356
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

DESIGNER NOTES:
 1. Include State STD# 606001 for combination concrete curb and gutter details.
 2. Include State STD# 420001 for pavement joints.
 3. Include State STD# 602701 for cast iron steps.
 4. Include District CADD Standard for frame and grates and specify grate type in plans.
 5. Include District CADD Standard for precast reinforced concrete flat slab top.
 6. Include District Special Provision. Pay item includes inlet - manhole, flat slab top, transitional c.c.&g. and frame and grate. All work within pay limits.
 7. Specify diameter of inlet - manhole in plans.
 8. The designer should include pavement removal quantities when the apron requires pavement removal.



TABLE

D	T	+
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7 3/4 (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)

- GENERAL NOTES
- Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
 - Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
 - See District CADD Standard 604001-D4 for frame and grates.
 - See District CADD Standard for precast reinforced concrete flat slab top.

All dimensions are in inches (millimeters) unless otherwise noted.

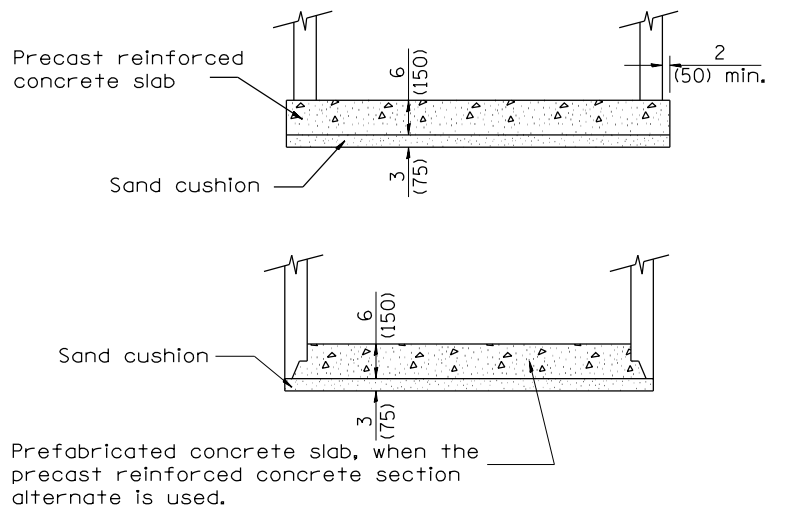
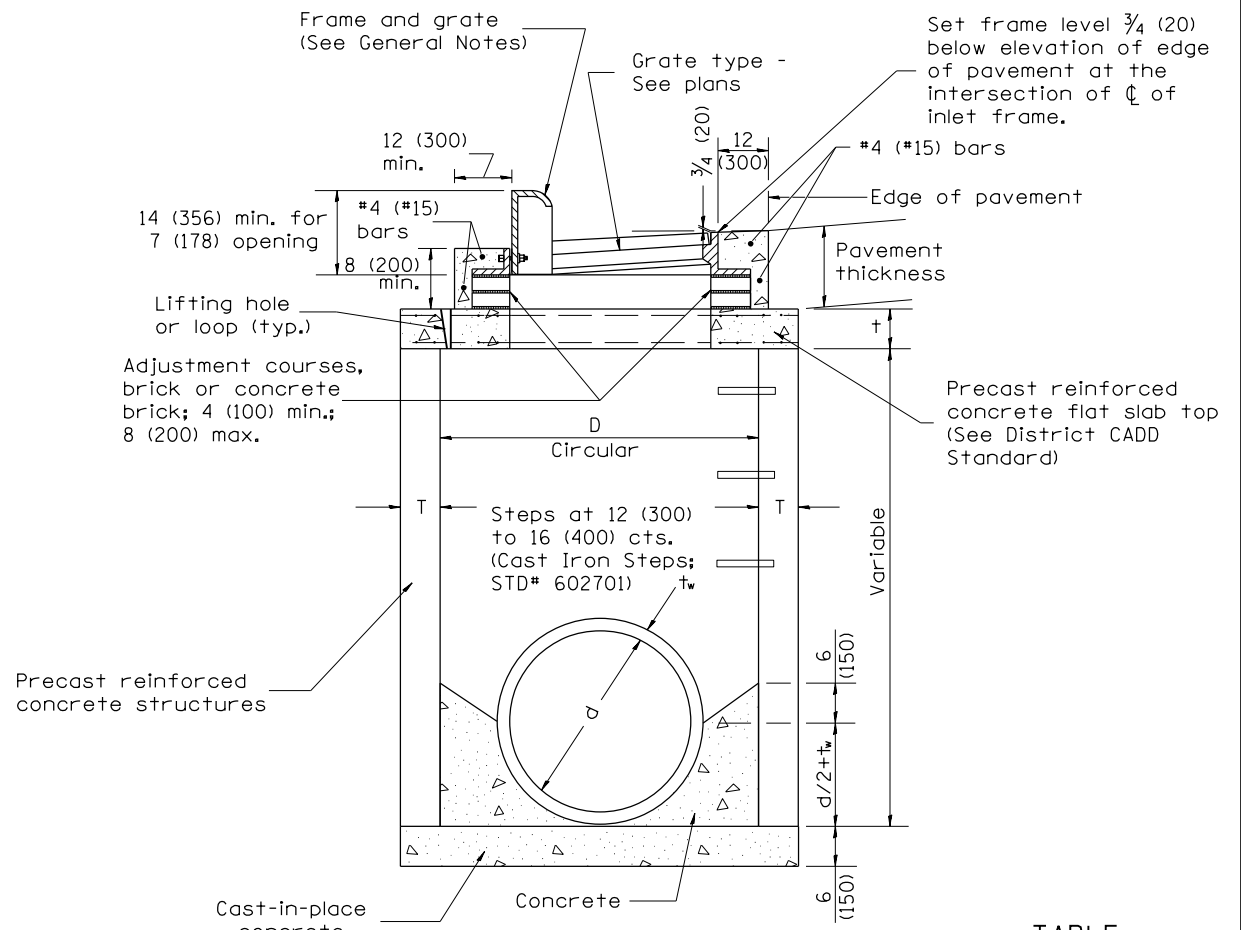
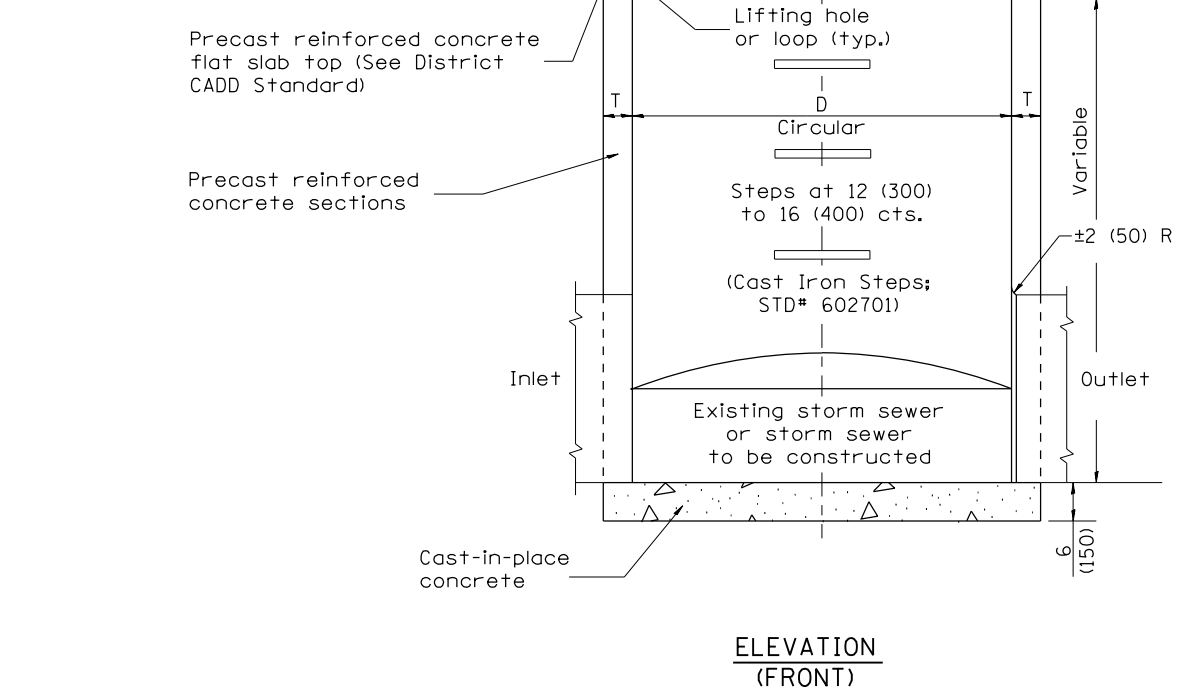
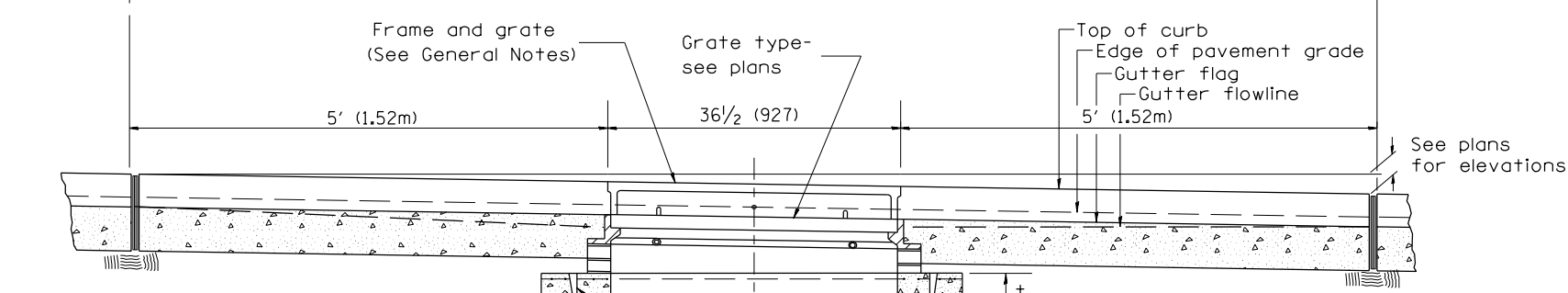
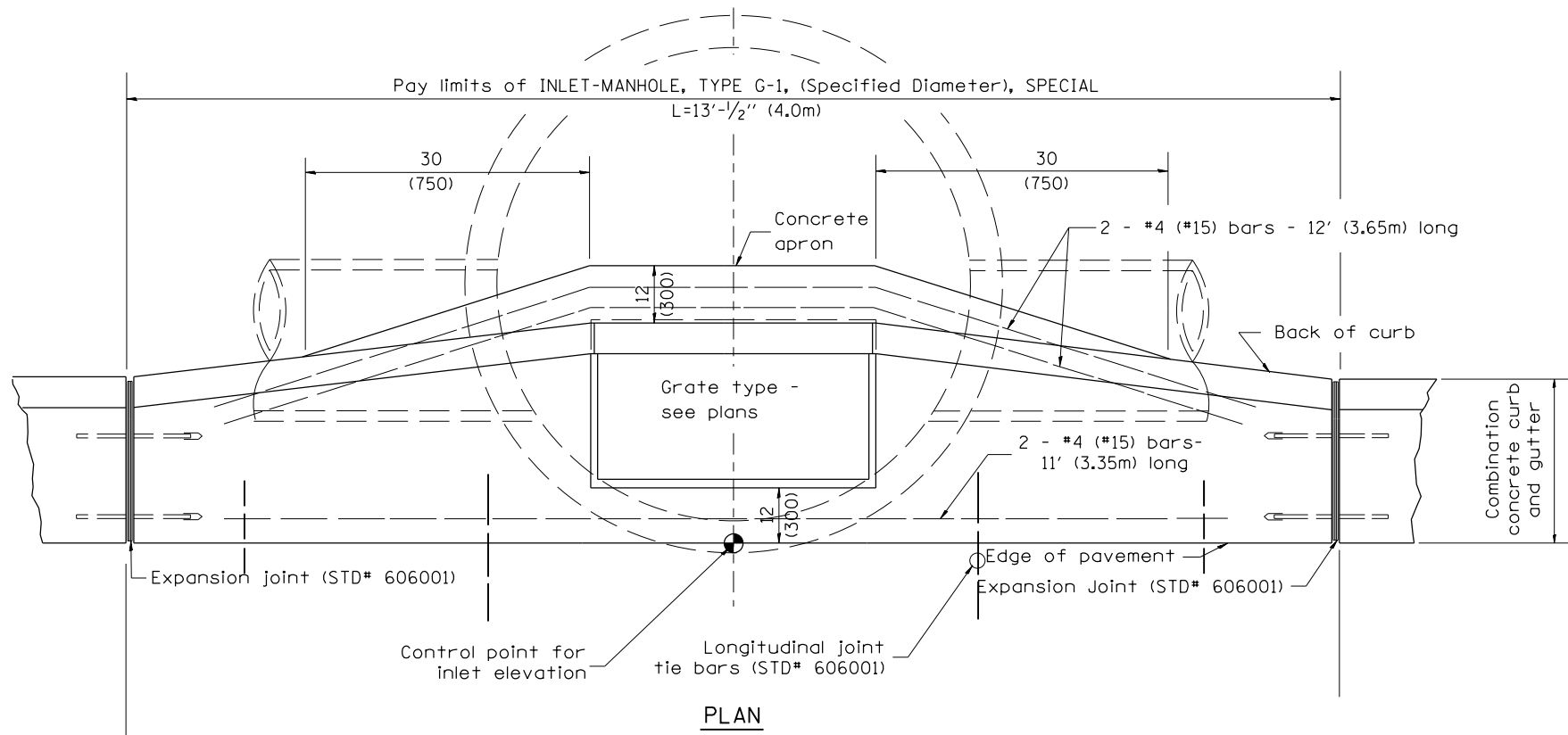
DATE	REVISION	BY
01-01-97	RENUM. B-4.05, NEW REVISION BOX	
10-99	REVISION TO GENERAL NOTES	J.A.
02-00	REVISION TO DESIGNER NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INLET-MANHOLE, TYPE G-1
 NOT TO SCALE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	357
CADD STD. 602021-D4				CONTRACT NO. 88792
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. Include State STD# 606001 for combination concrete curb and gutter details.
 2. Include State STD# 420001 for pavement joints.
 3. Include State STD# 602701 for cast iron steps.
 4. Include District CADD Standard for frame and grates.
 5. Include District CADD Standard for precast reinforced concrete flat slab top.
 6. Include District Special Provision. Pay item includes inlet - manhole, flat slab top, transitional c.c.c.&g. and frame and grate. All work within pay limits.
 7. Specify diameter of inlet - manhole in plans.
 8. Specify grate type in plans.



TABLE

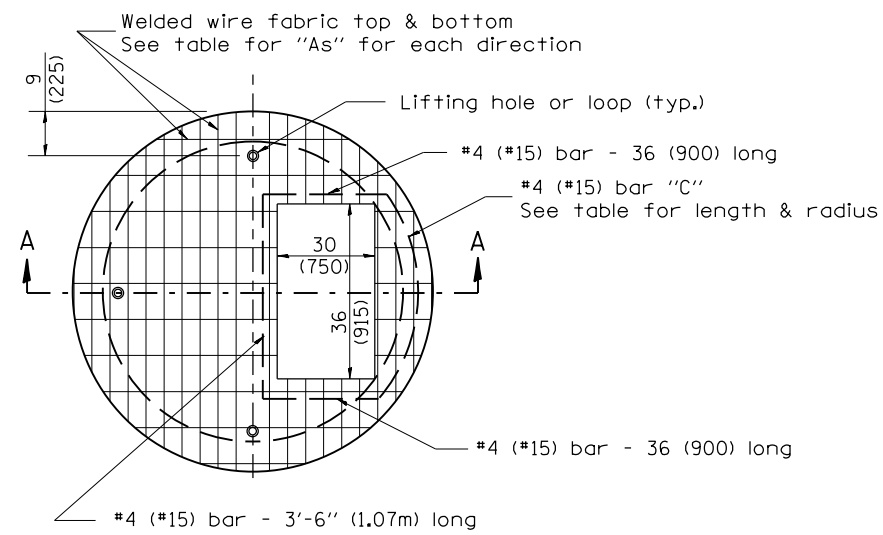
D	T	t
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7 3/4 (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)

GENERAL NOTES

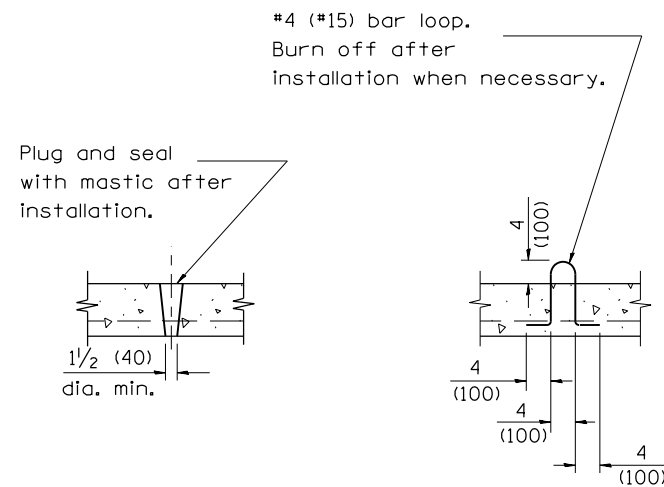
1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

All dimensions are in inches (millimeters) unless otherwise noted.

DESIGNER NOTES:
 1. Include this standard with Type G-1 and Type G-1, Special Inlet-Manholes.
 2. The flat slab top is included in the cost of INLET-MANHOLES as per District Special Provision.



PLAN

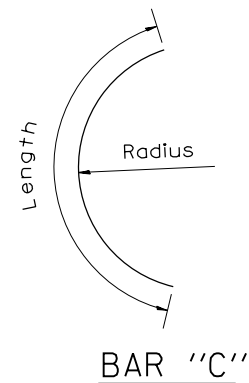


LIFTING HOLE OR LIFTING LOOP
 TYPICAL

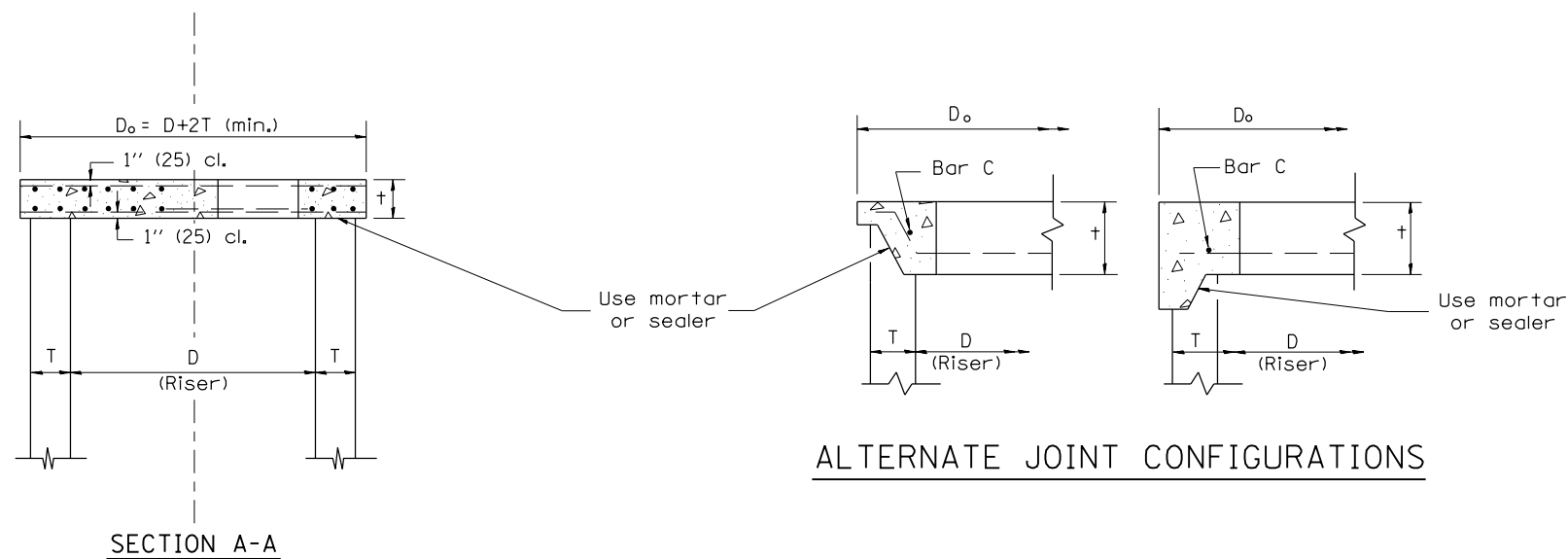
(3 required per slab)

TABLE

D	T	D _o (min.)	t	Reinforcement "As" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C	
						Length	Radius
4' (1.2m)	5 (125)	4'-10" (1.5m)	6 (150)	0.70 sq. inch/lin. ft. (1480mm ² /m)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
5' (1.5m)	6 (150)	6'-0" (1.8m)	8 (200)	0.70 sq. inch/lin. ft. (1480mm ² /m)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
6' (1.8m)	7 3/4 (195)	7'-3 1/2" (2.2m)	8 (200)	0.88 sq. inch/lin. ft. (1860mm ² /m)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
8' (2.4m)	9 (225)	9'-6" (2.9m)	10 (250)	0.88 sq. inch/lin. ft. (1860mm ² /m)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



BAR "C"



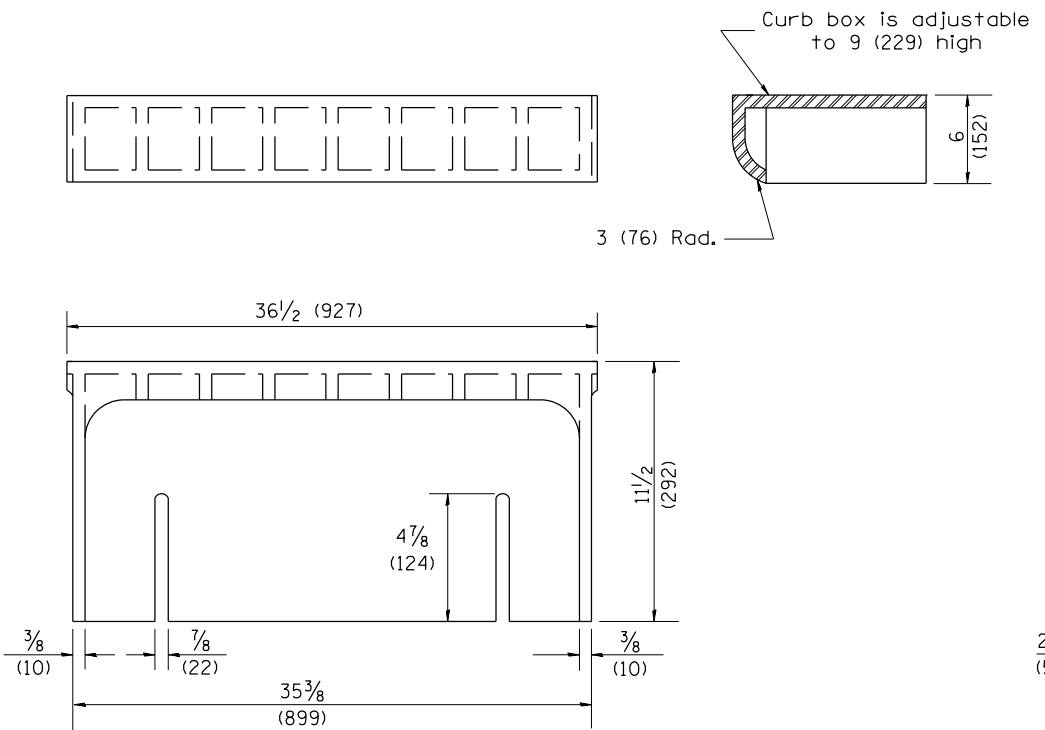
GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

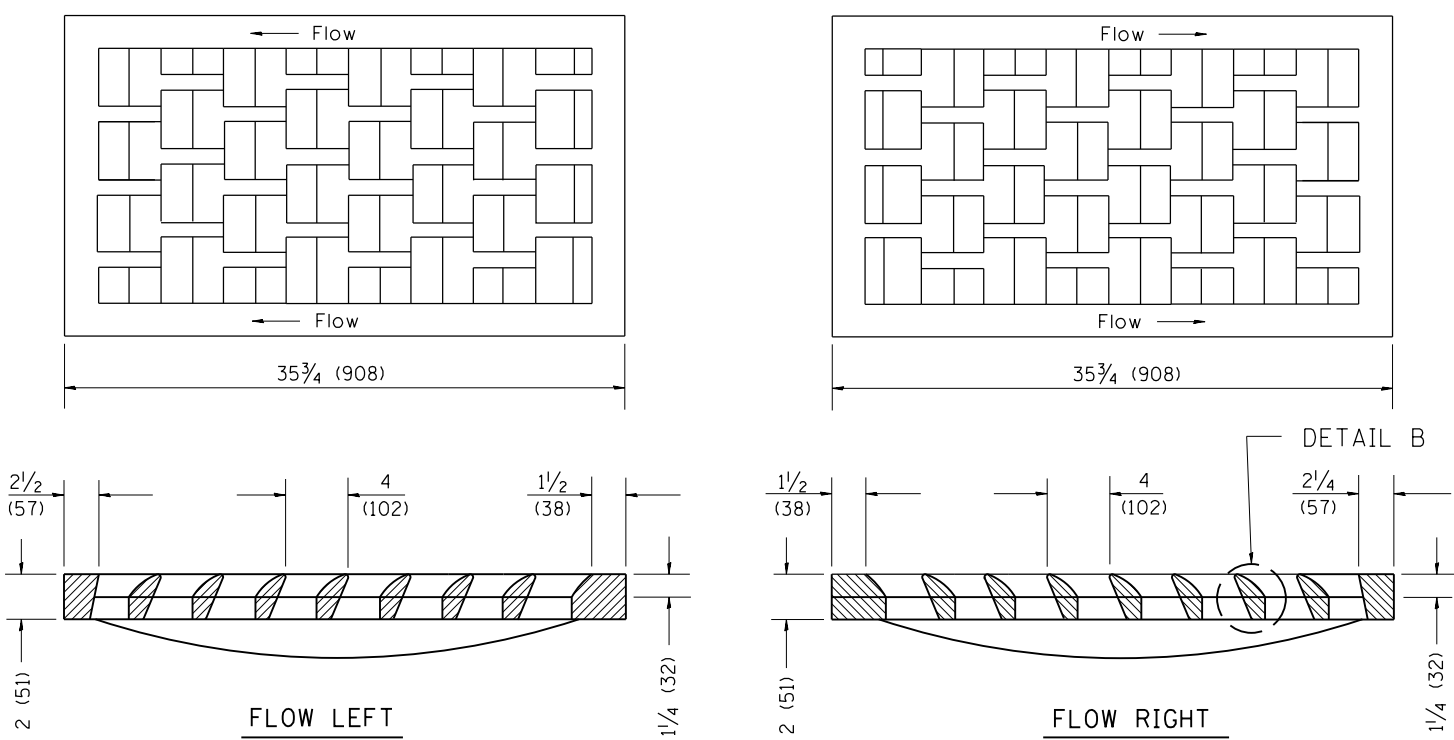
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.07, NEW REVISION BOX	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-16-06	REVISED TO 2007 SPEC.	M.A.						1380	7W-1, RS-3	PEORIA	617	359
							NOT TO SCALE	CADD STD. 602101-D4		CONTRACT NO. 88792		
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

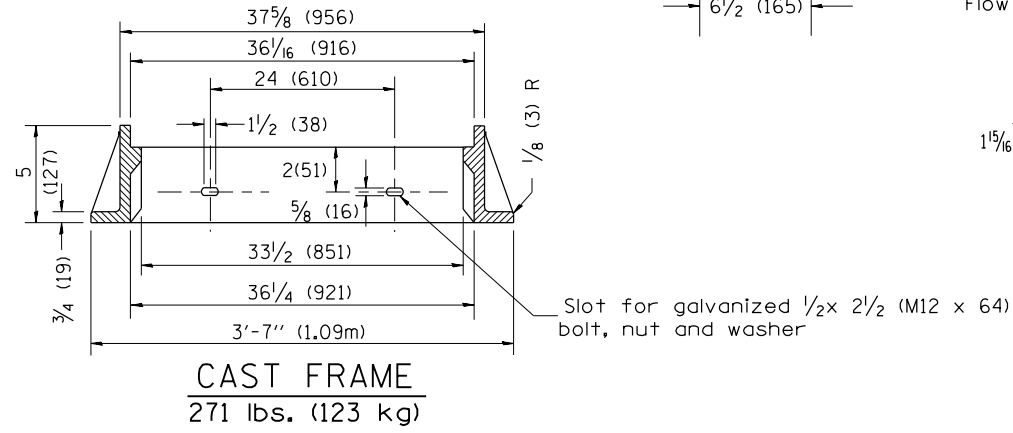
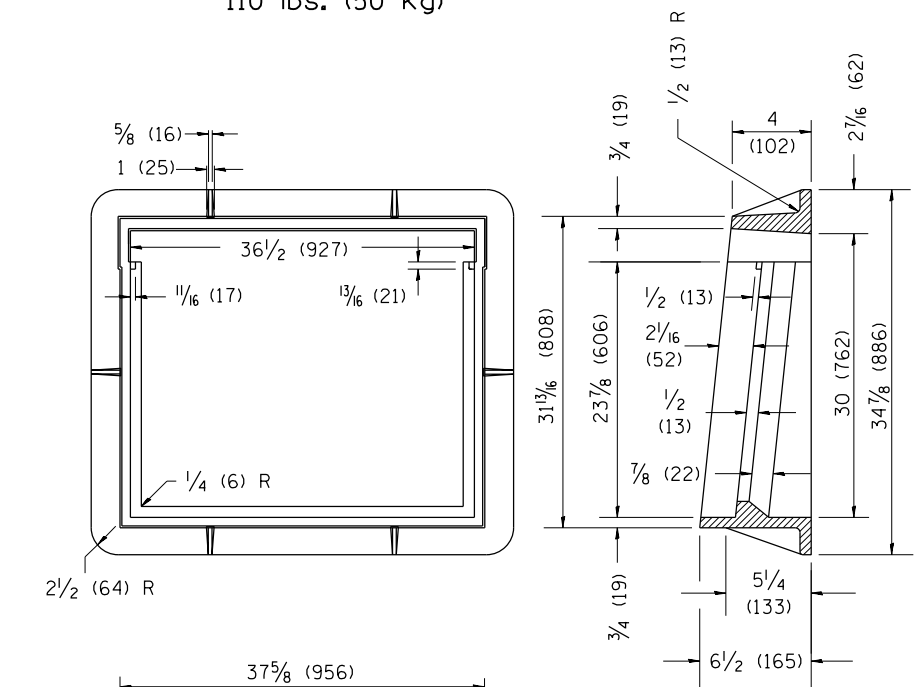
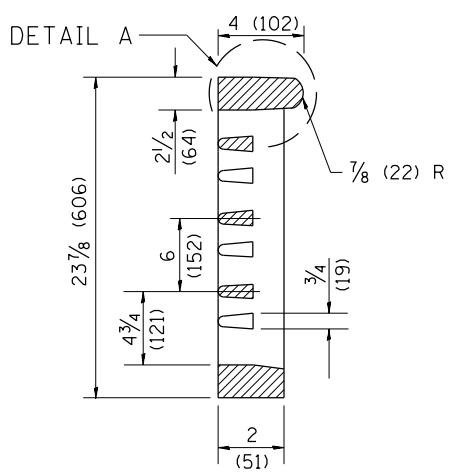
1. Include this standard with all Type G-1 and Type G-1, Special Drainage Structures.
 2. Specify grate types and flow directions in plans.
 3. These castings are included in the cost of the drainage structures as per District Special Provision.
 4. This drawing based upon "NEENAH" designs as follows: Inlet Frame: R-3246-A, Curb Box: R-3290
 Reversible Diagonal Grate: R-3246-A
 Vane Grates: R-3246-AL(flow left)
 R-3246-AL(flow right)



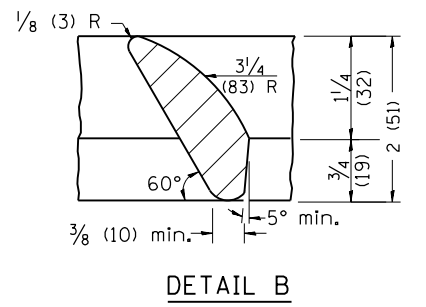
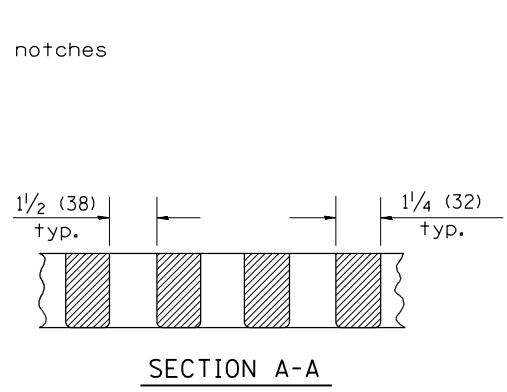
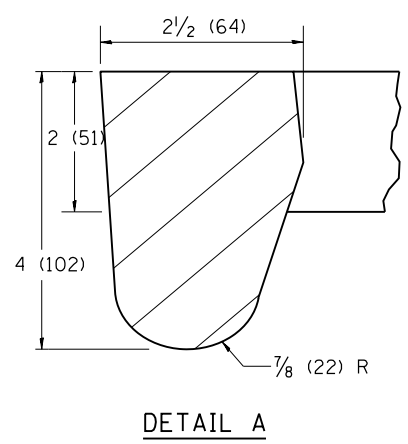
CAST CURB BOX
110 lbs. (50 kg)



CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)



CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)



GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

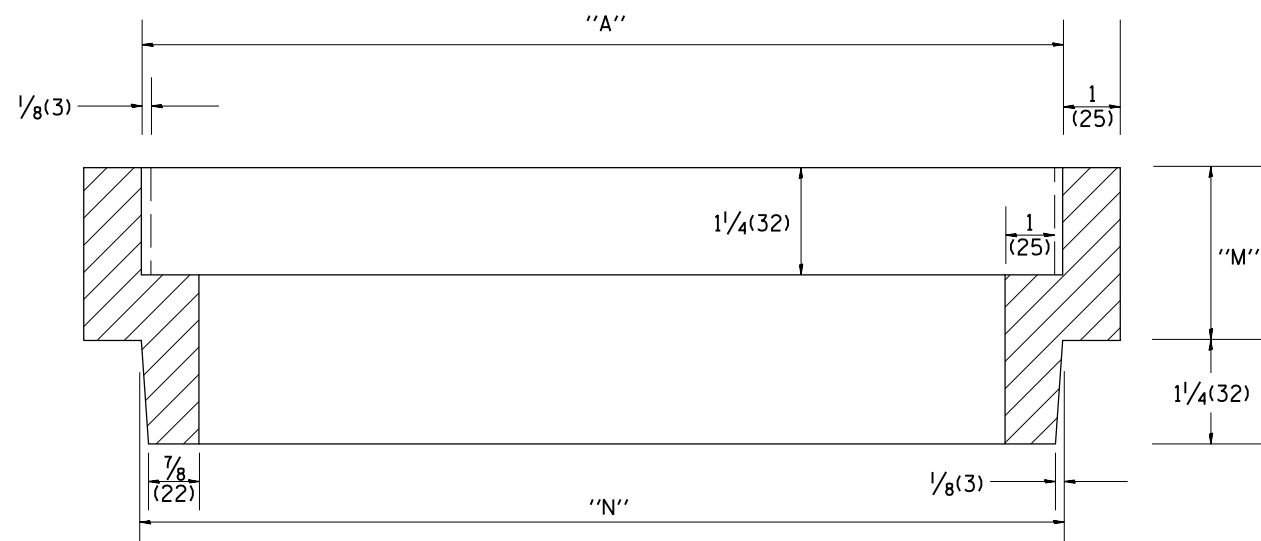
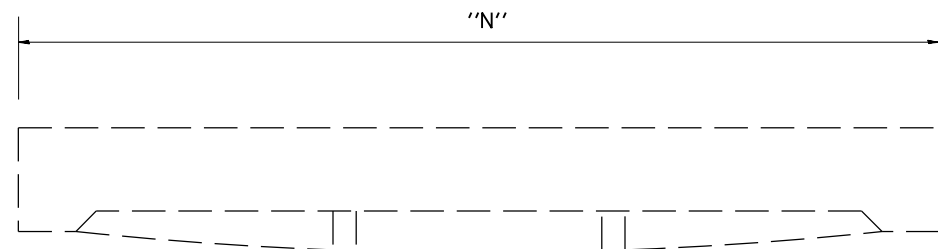
FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,
SPECIAL DRAINAGE STRUCTURES

NOT TO SCALE

CADD STD. 604001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	360
CONTRACT NO. 88792				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



Station	Dimension inches (millimeters)			Quantity
	"A"	"N"	"M"	
Total				

General Notes:
 1. Article 603.08 shall apply

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-6.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

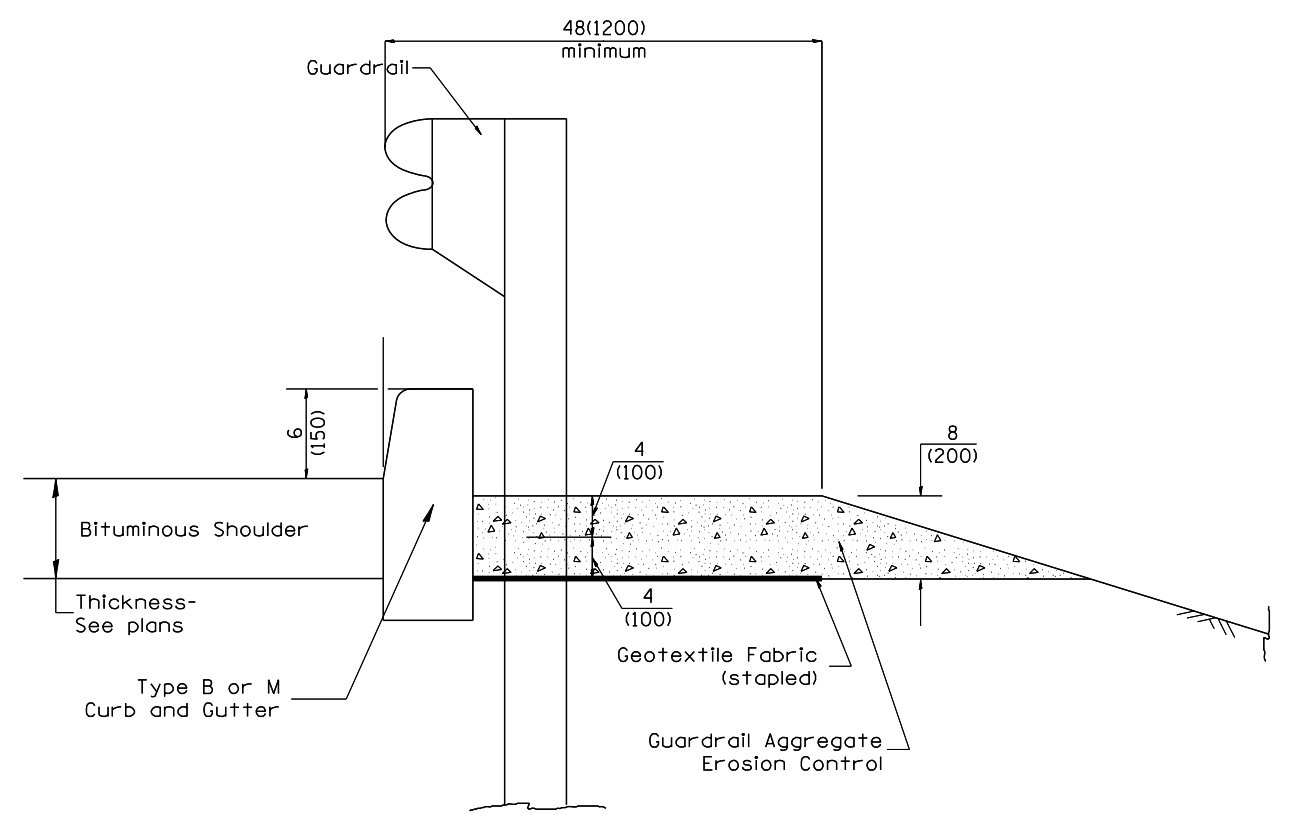
NOT TO SCALE

FRAME & GRATE ADJUSTING RING

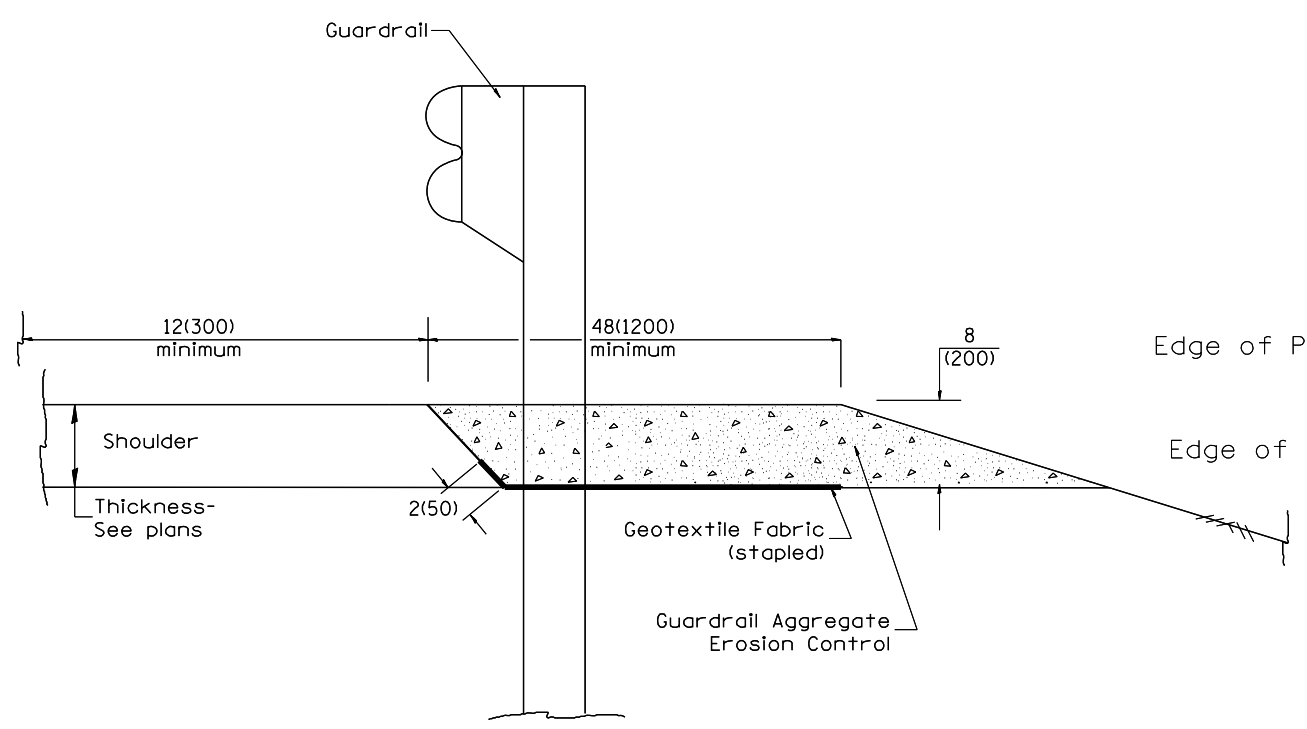
CADD STD. 604201-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	361
CONTRACT NO. 88792				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DESIGNER NOTES:
 1. Consider using a "B" curb pay item at guardrail installations where grades are equal to or greater than 1% and at inlets. (Include District Special Provision)
 2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1%. (Include District Special Provision)
 3. Include State Standards 609001, 609006 or 610001 if applicable.
 4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Slope Drains for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.
 5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



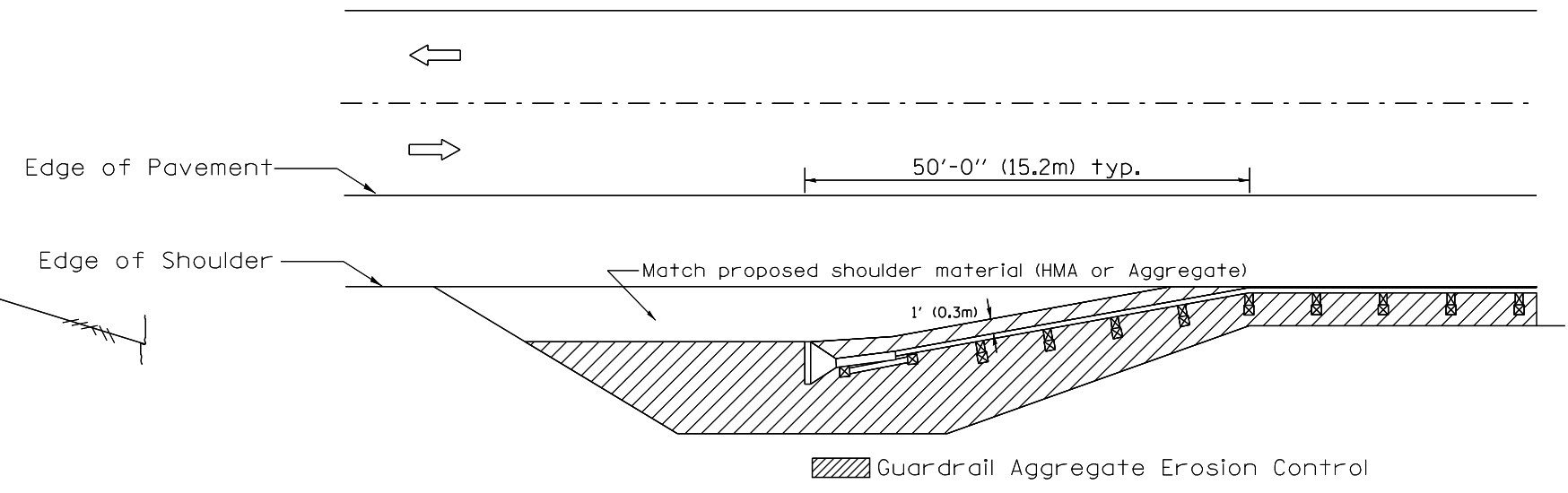
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



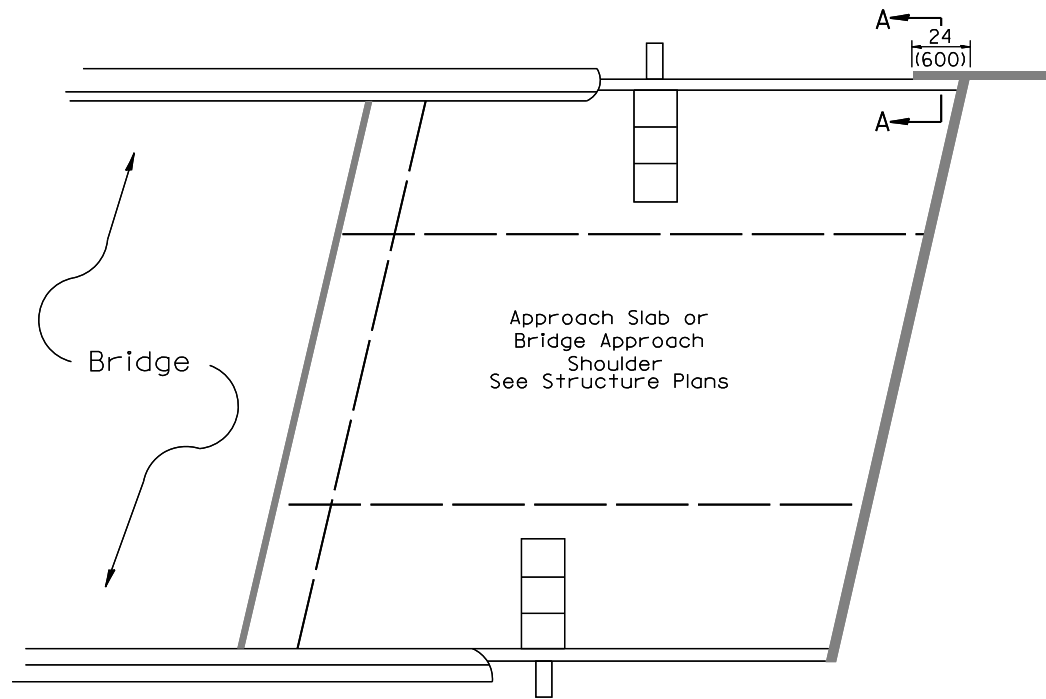
All dimensions are in Inches (millimeters) unless otherwise noted.

11-03-00	CORRECTION TO NOTES	PLOT SCALE = 100.0000' / 1in.	M.A.	CHECKED	-	REVISION	-
11-03-00	CORRECTION TO NOTES	PLOT DATE = 8/15/2013	M.A.	DATE	-	REVISION	-

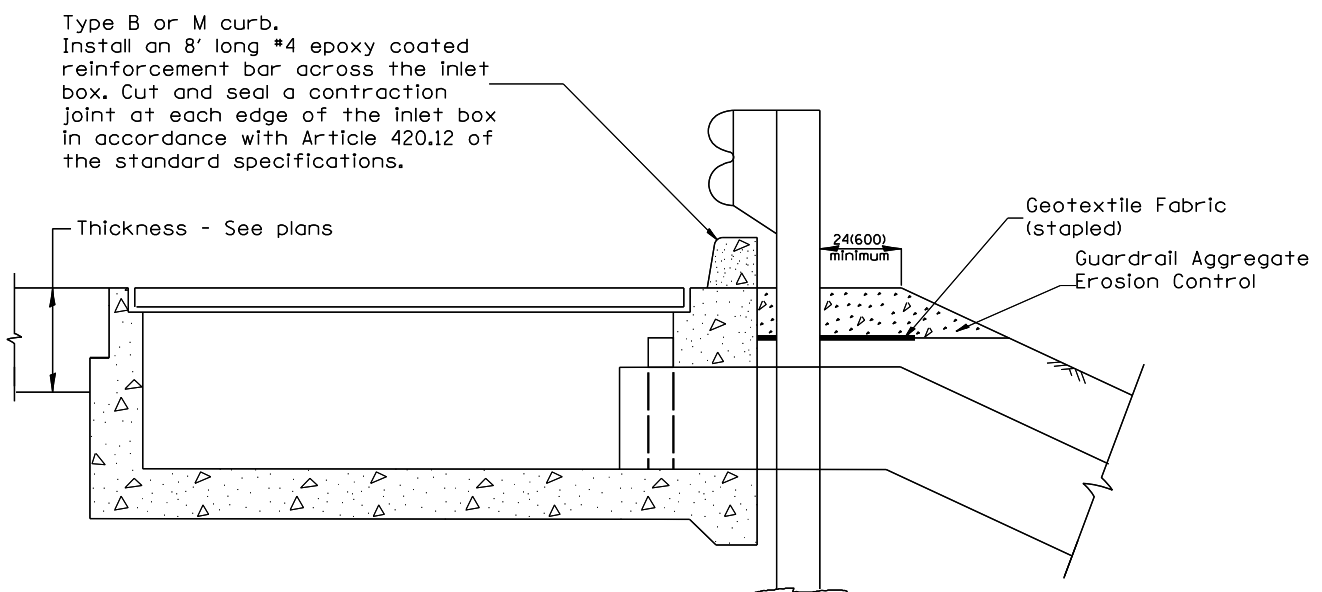
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS			
SCALE	SHEET	OF	SHEETS
STA.	CADD NO. 630101-D4		

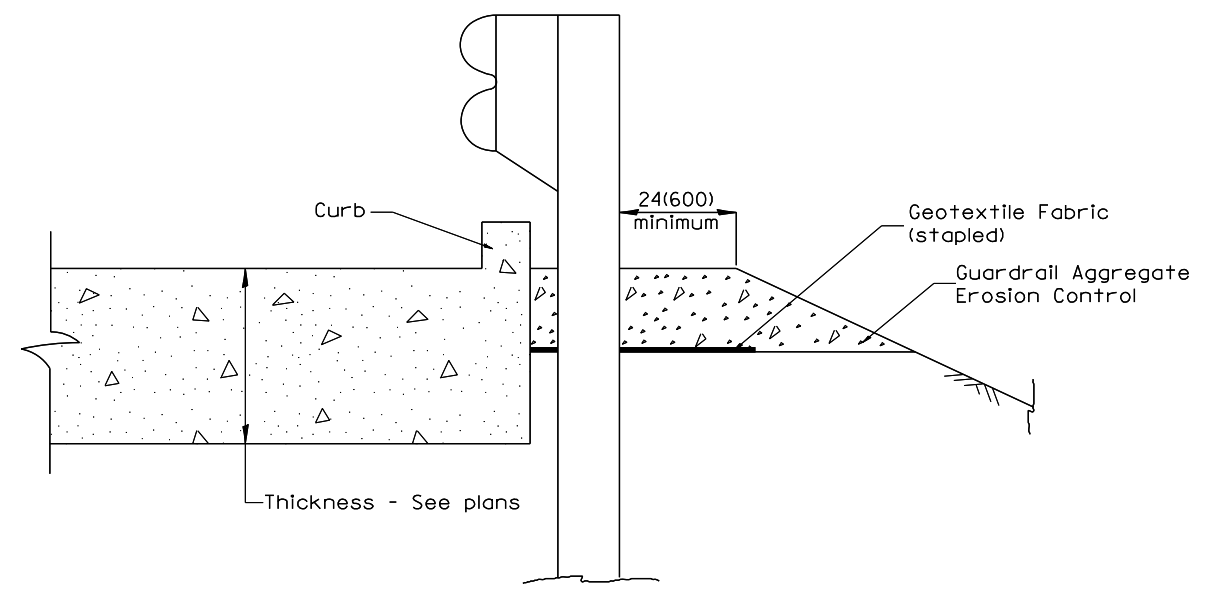
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	362
CONTRACT NO. 88792			SHT. 1 OF 2	



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
 (STANDARD 609001 or 609006)



TYPICAL SECTION AT INLETS
TYPE E & F (STANDARD 610001)



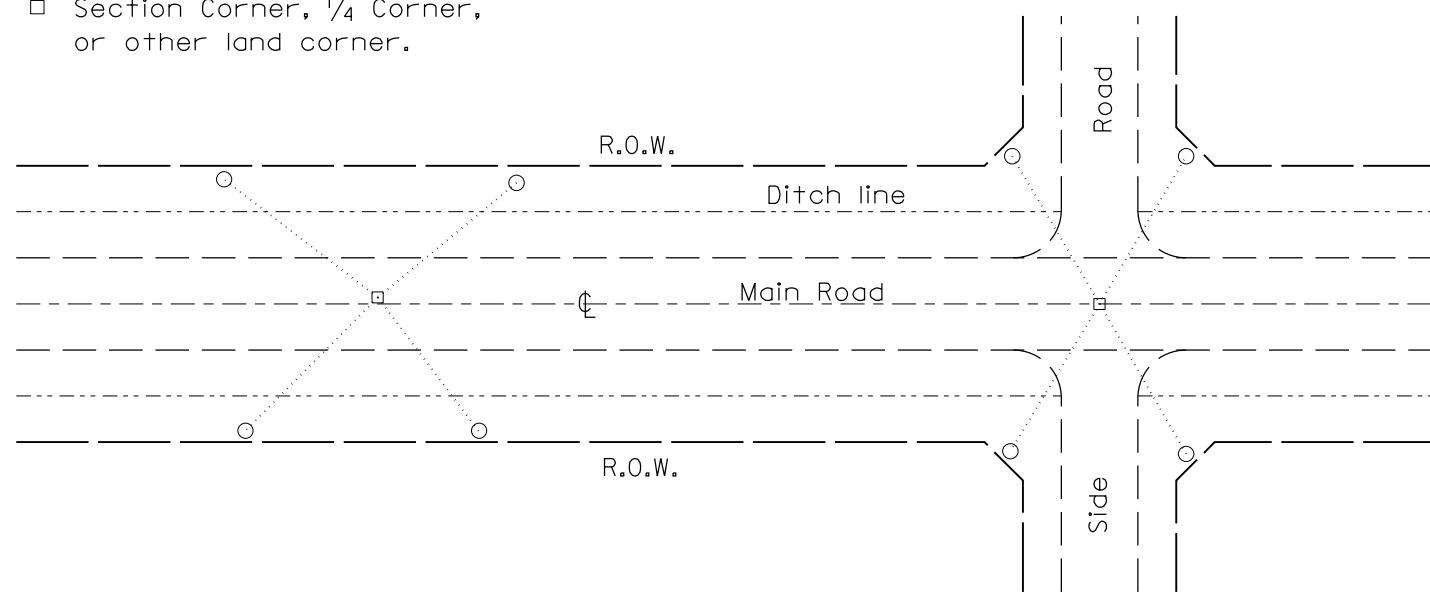
SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL EROSION CONTROL TREATMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\widot\crespole\d0330150\0488792-sht-standards.dgn		DRAWN -	REVISED -			1380	7W-1, RS-3	PEORIA	617	363
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SHT. 2 OF 2		CONTRACT NO. 88792		
	PLOT DATE = 8/15/2013	DATE -	REVISED -			NOT TO SCALE	SHEET OF SHEETS	STA.	CADD NO. 630101-D4	FED. ROAD DIST. NO.

PERMANENT SURVEY TIES

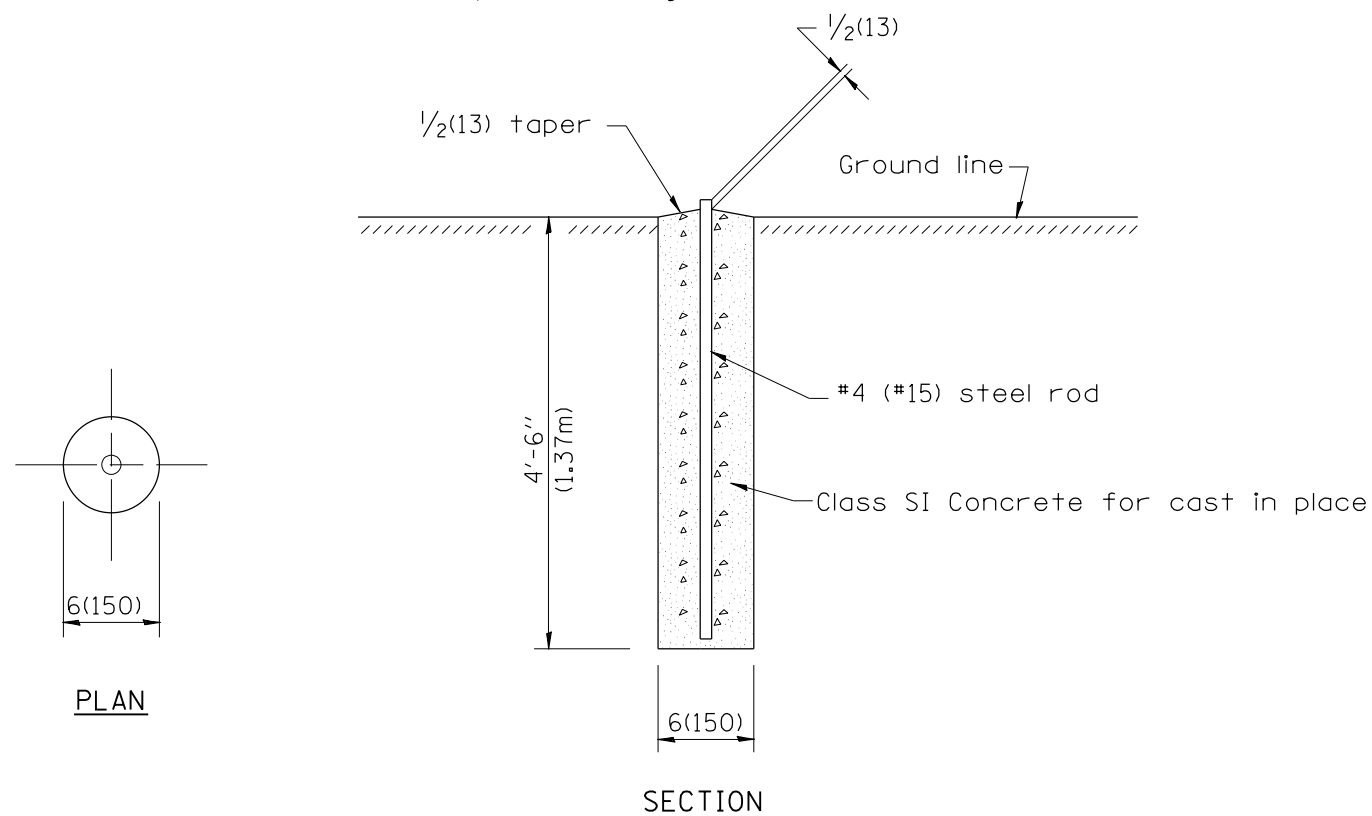
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



TYPICAL APPLICATION

GENERAL NOTES

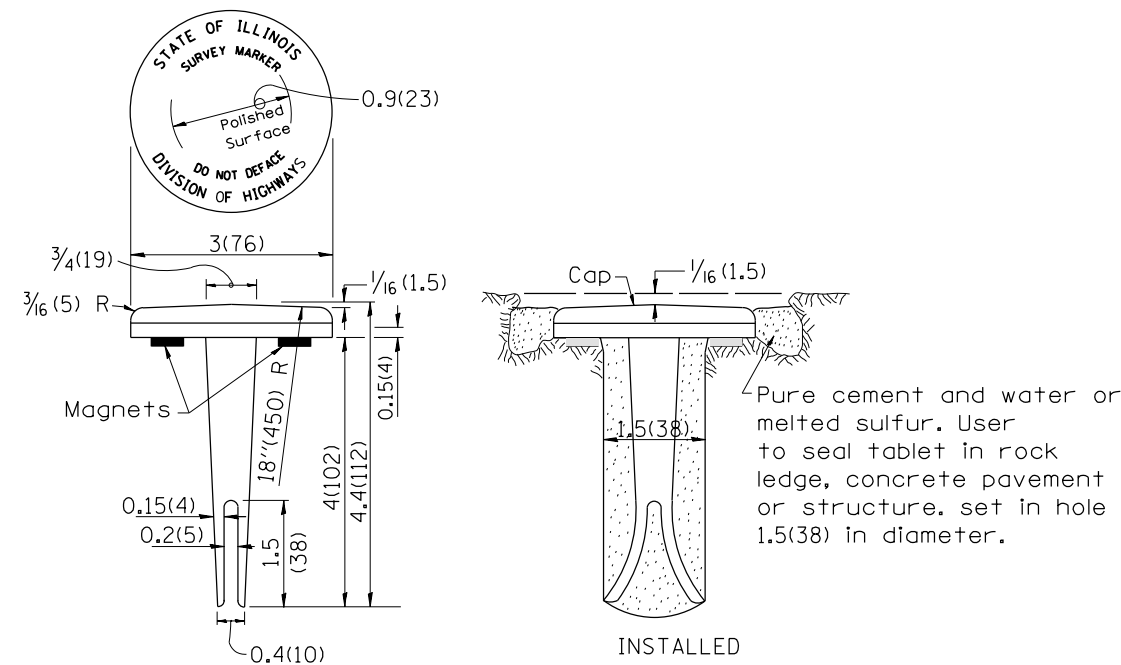
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



PLAN

SECTION

PERMANENT SURVEY MARKERS

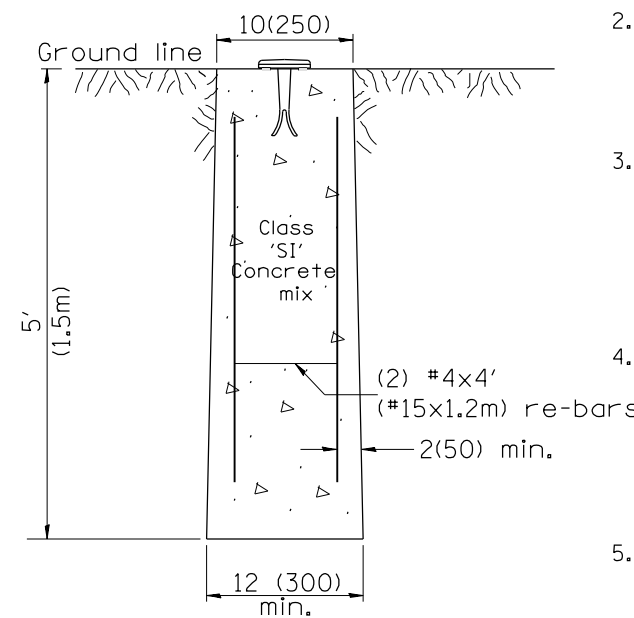


INSTALLED

TYPE I

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



MARKER CAST IN PLACE TYPE II

All dimensions are in inches (millimeters) unless otherwise noted.

DESIGNER NOTES:
 1. ADD DISTRICT SPECIAL PROVISION IF PLACING A TYPE I MARKER ON A STRUCTURE.
 2. MODIFIES STATE STD 667101. DON'T USE STATE STD IF USING CADD STANDARD
 3. PERMANENT SURVEY MARKERS SHALL BE PLACED TO PERPETUATE THE SURVEY LINES OF DIVIDED HIGHWAYS AND THE CENTERLINE OF ALL OTHERS WHERE THESE LINES HAVE BEEN ESTABLISHED BY SURVEY.
 4. PERMANENT SURVEY MARKERS SHALL BE PLACED AT ALL LAND SECTION CORNERS WITHIN THE STATE R.O.W. WHERE THE MONUMENTS HAVE BEEN FOUND OR RELOCATED BY SURVEY.

01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	TITLE BOX, ADD DESIGNER NOTE		01-04-11	REVISED FOR CORRECTIONS	R.D.
07-07-98	ADD DESIGNER NOTE	J.A.			
05-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.			

**STATE OF ILLINOIS
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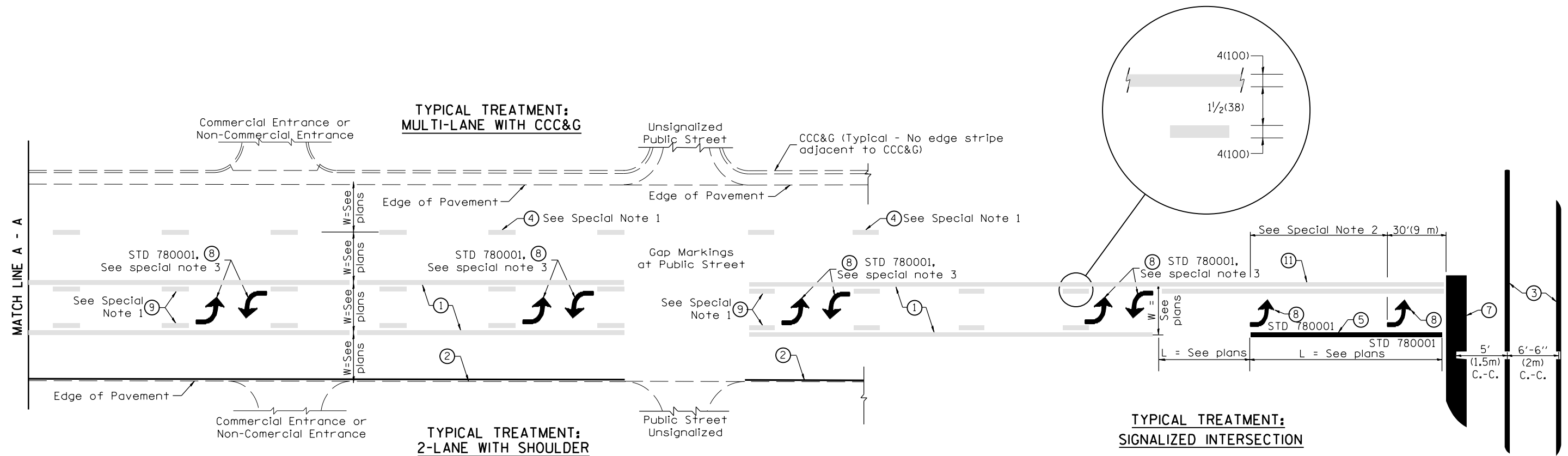
NOT TO SCALE

**PERMANENT SURVEY TIE &
PERMANENT SURVEY MARKERS TY.I - TY.II**

CADD STD. 667101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	364
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

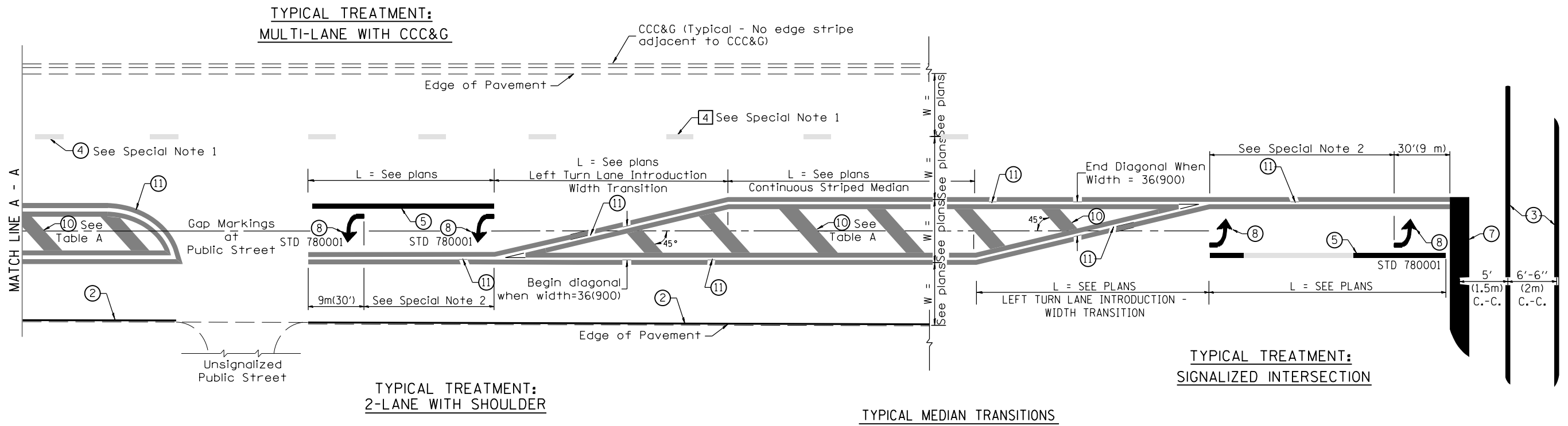
SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

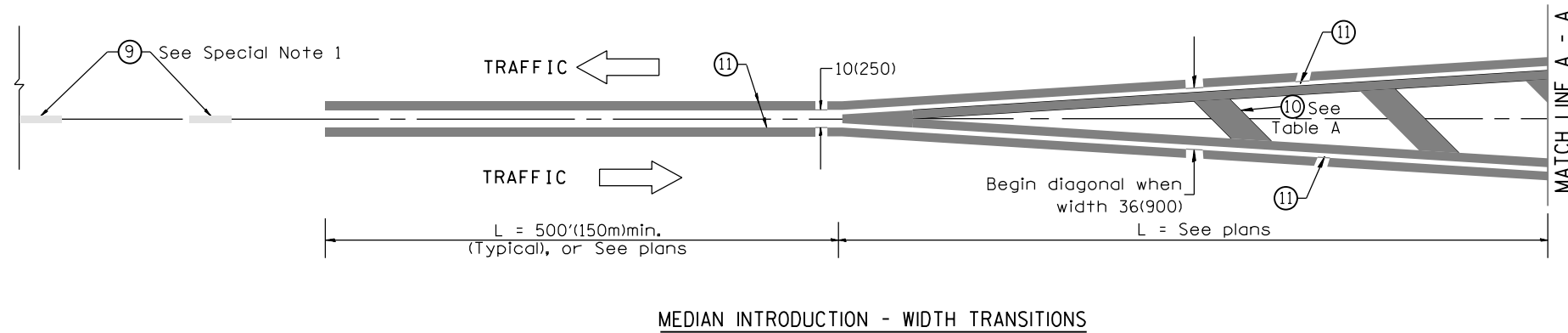
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					1380	7W-1, RS-3	PEORIA	617	365
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.					SHT. 1 OF 2 CADD STD. 780001-D4				
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.					CONTRACT NO. 88792				
NOT TO SCALE											



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.

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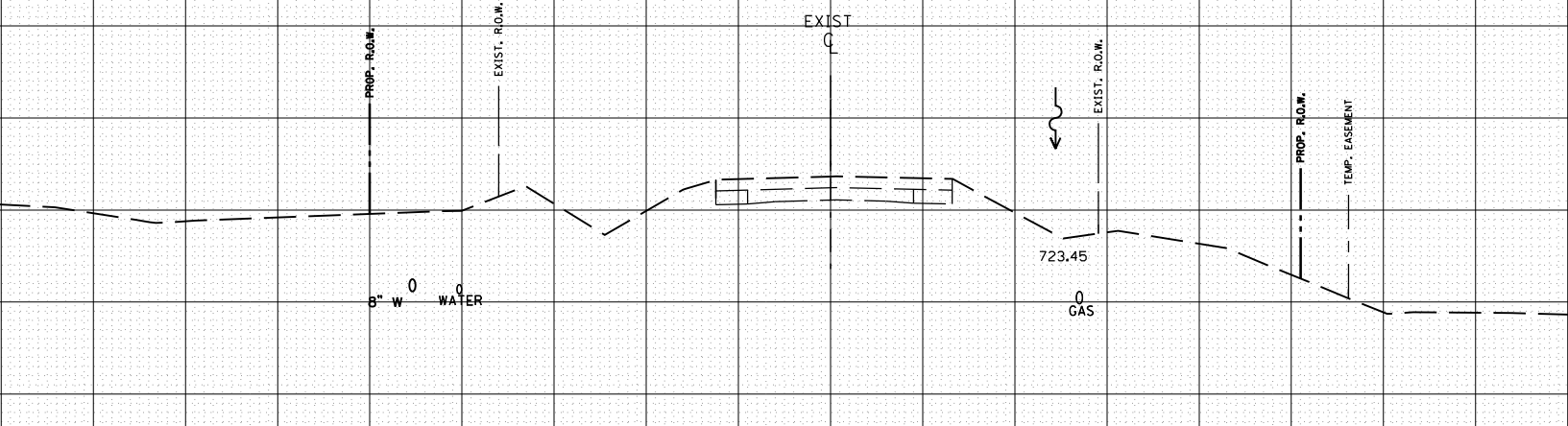
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

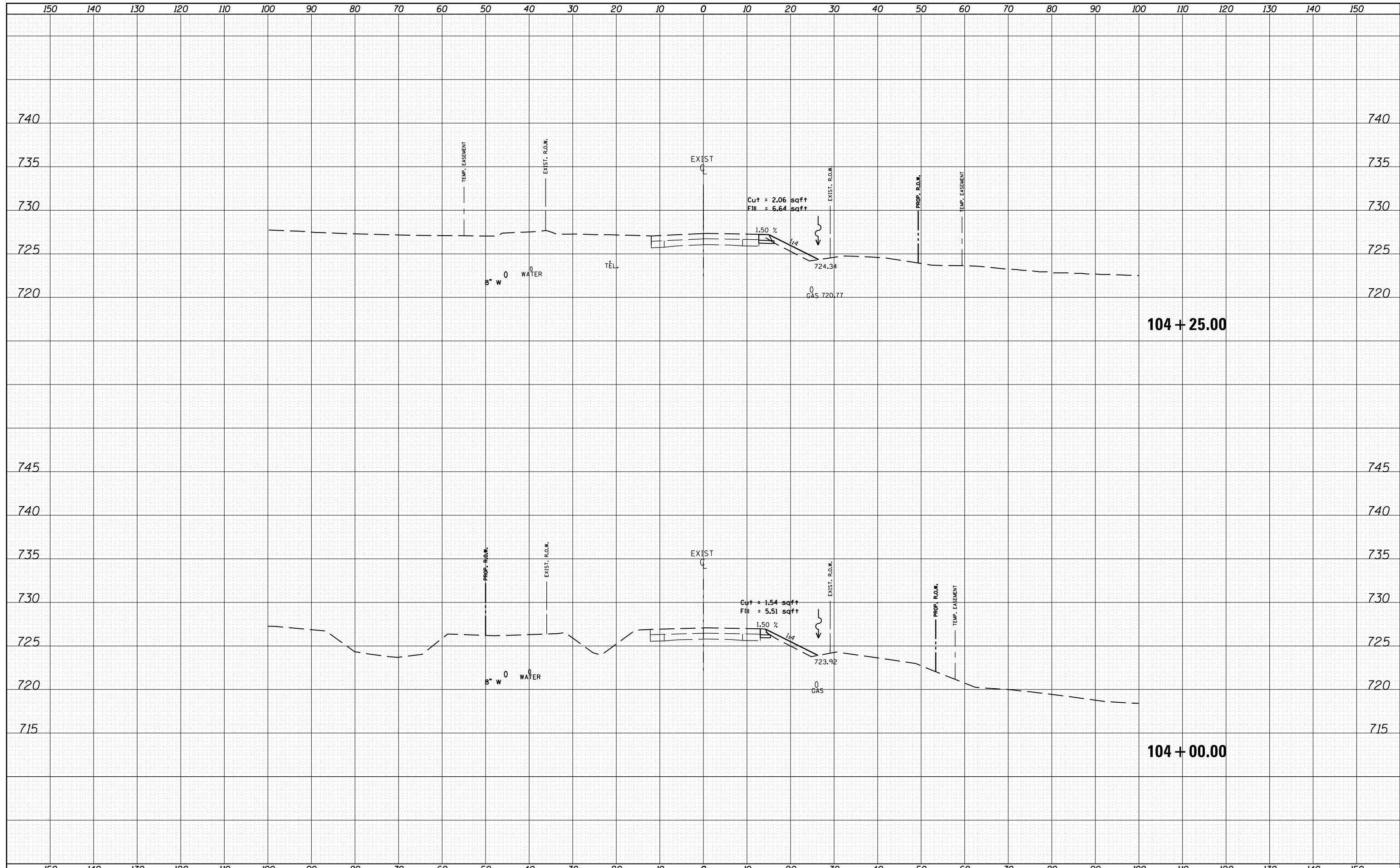
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	367
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

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DEPARTMENT OF TRANSPORTATION**

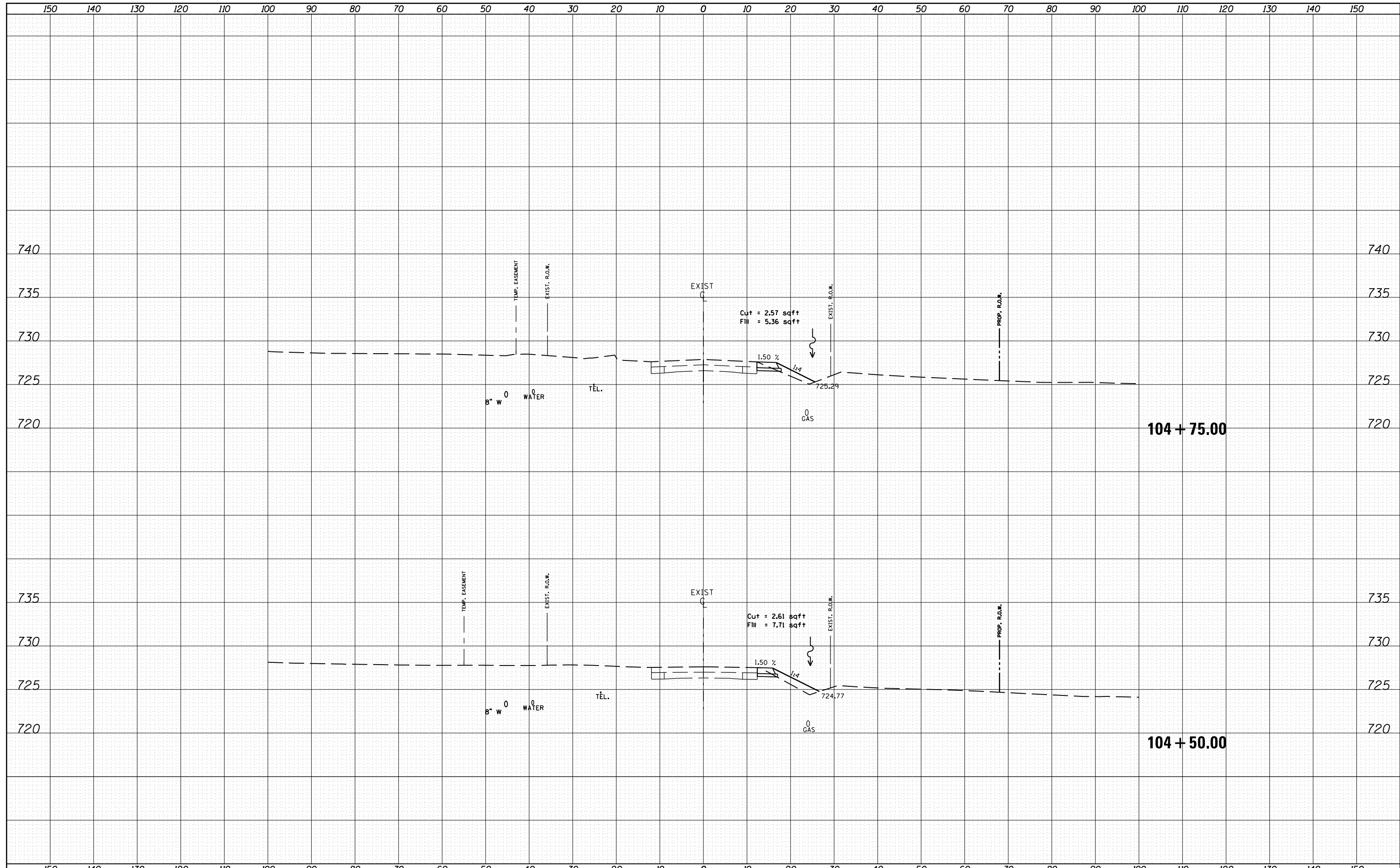
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	368
			CONTRACT NO. 88792	
ILLINOIS FED. AID PROJECT				

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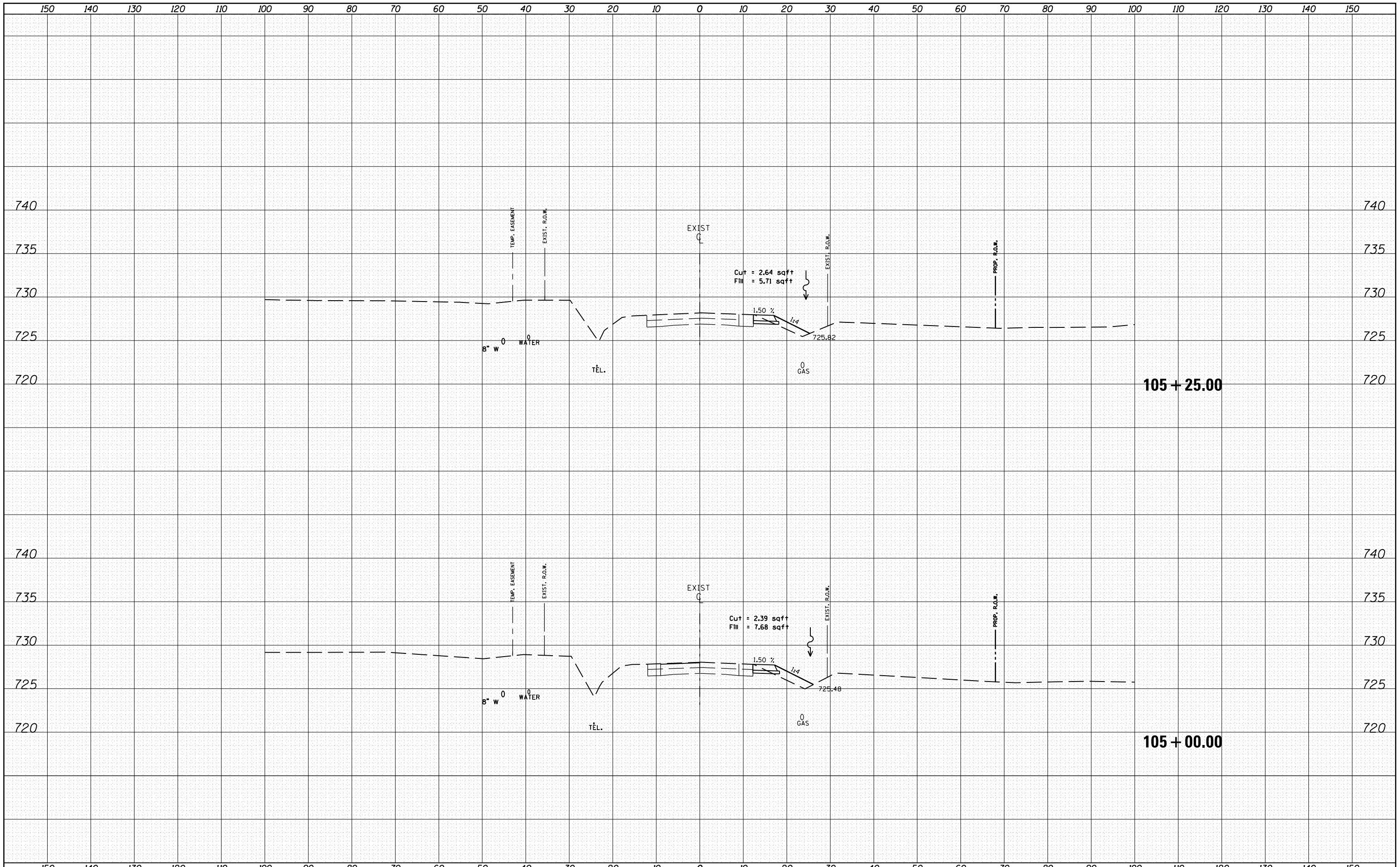
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DEPARTMENT OF TRANSPORTATION

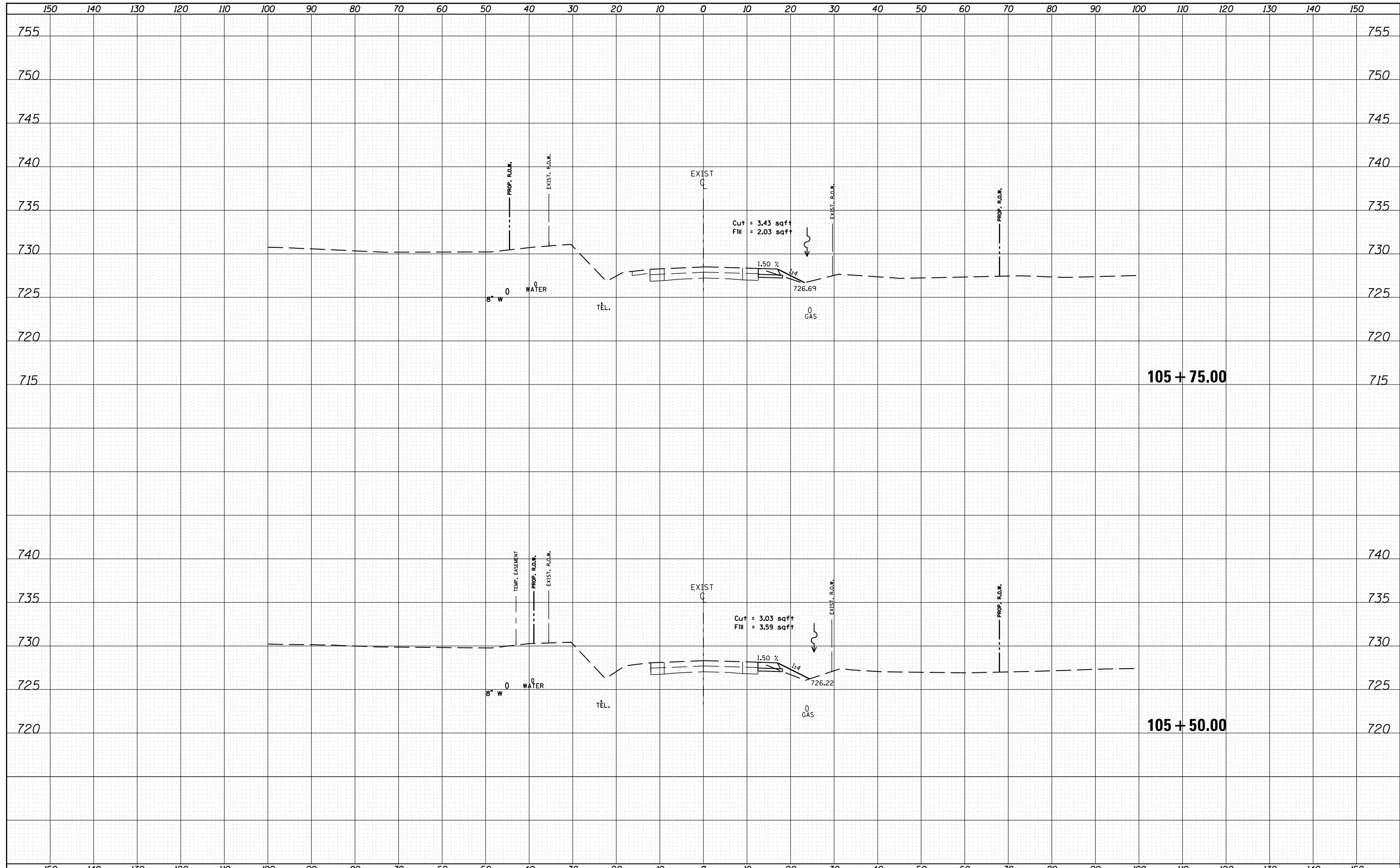
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1380	7W-1,RS-3	Peoria	617	370
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

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DEPARTMENT OF TRANSPORTATION**

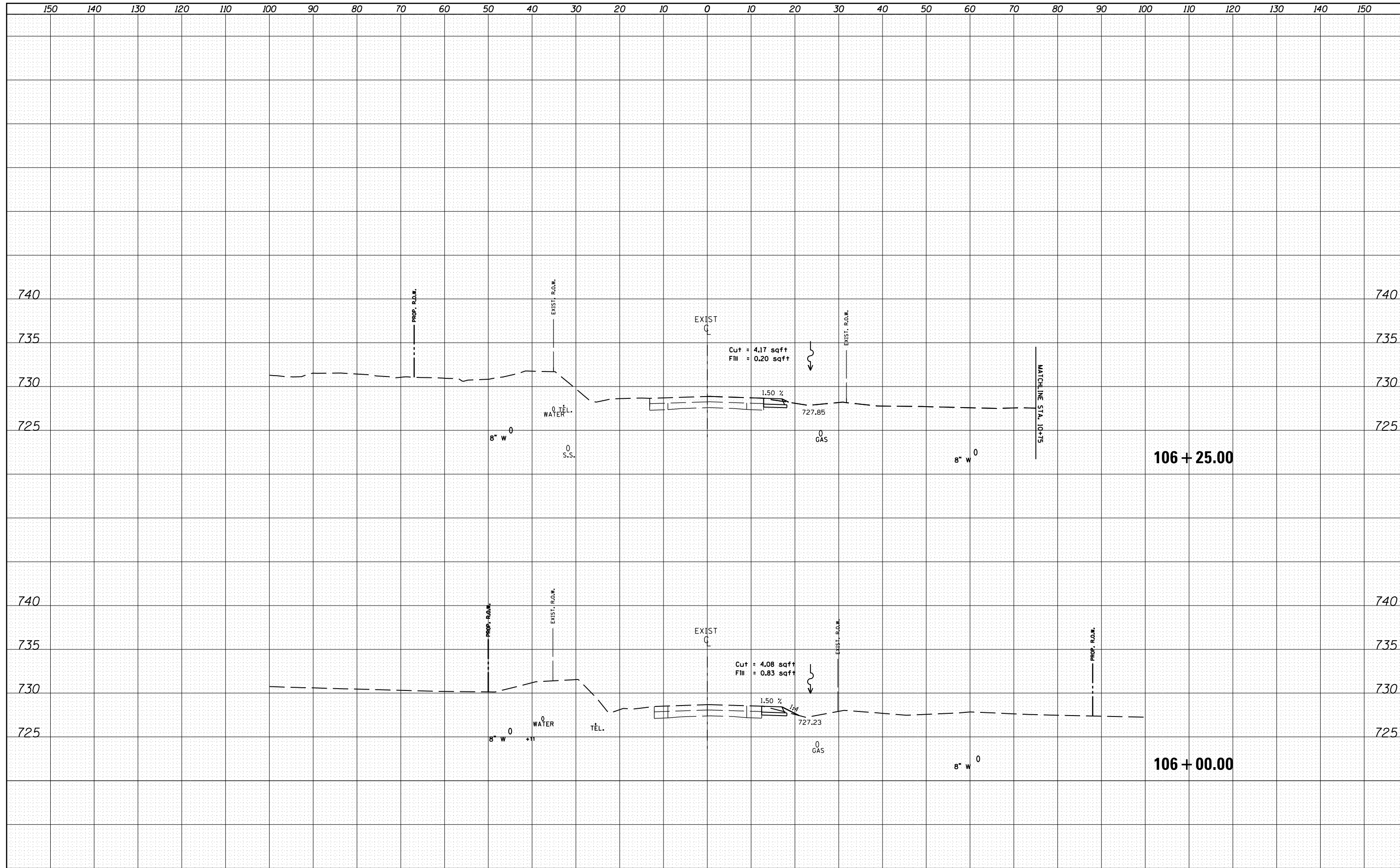
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				CONTRACT NO. 88792
ILLINOIS FED. AID PROJECT				

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DEPARTMENT OF TRANSPORTATION**

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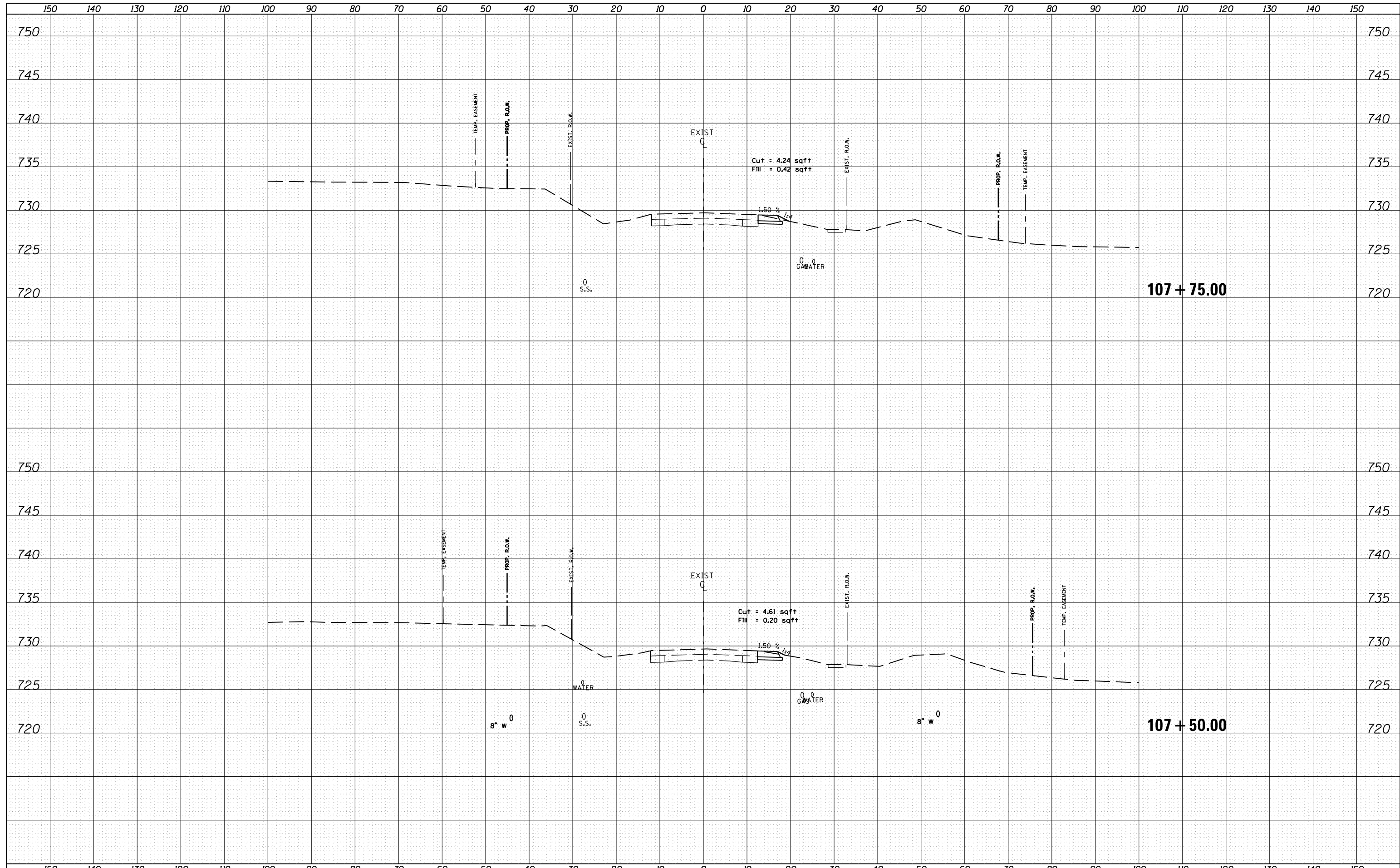
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				CONTRACT NO. 88792

ILLINOIS FED. AID PROJECT

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**STATE OF ILLINOIS
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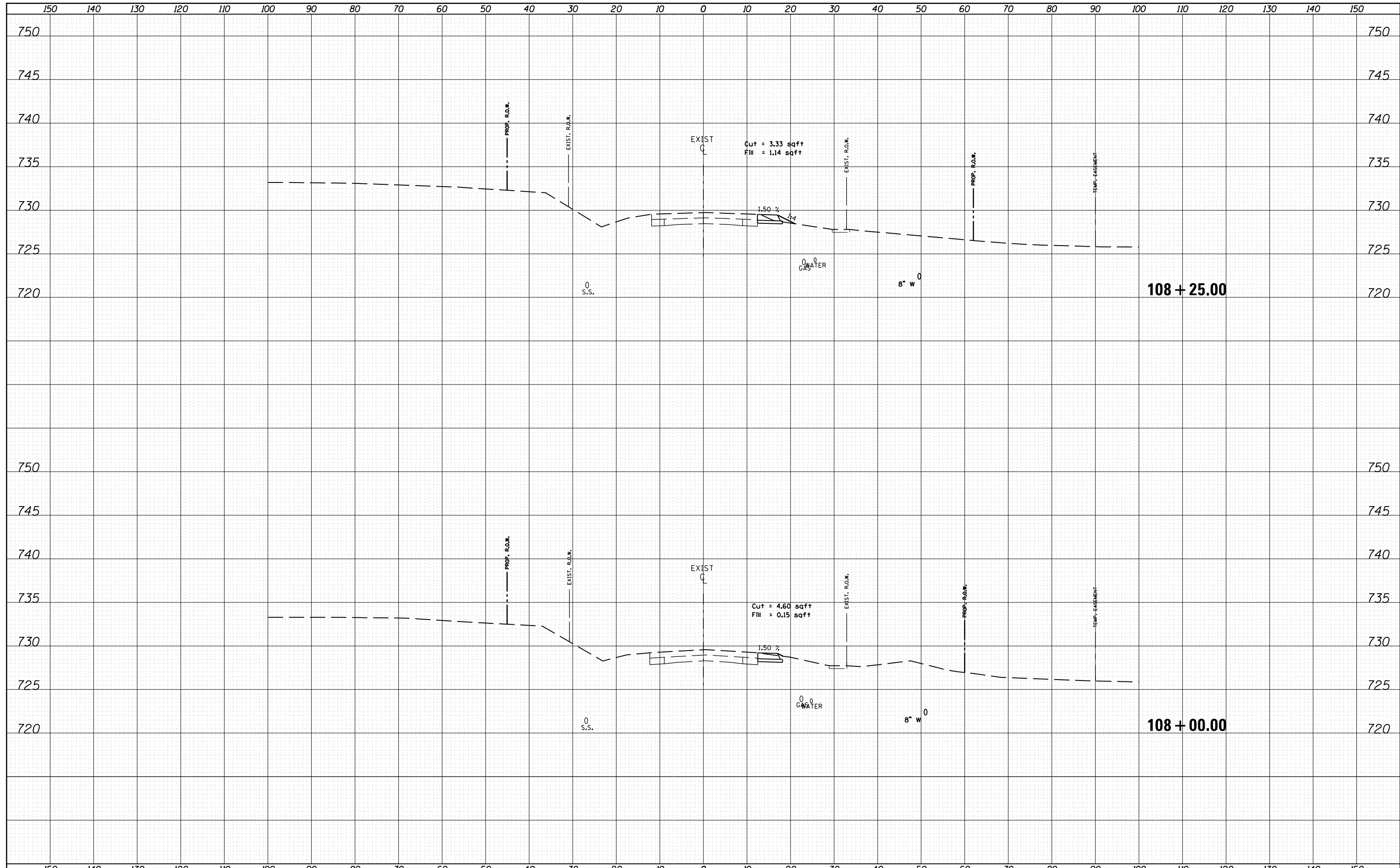
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1380	7W-1,RS-3	Peoria	617	373
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

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DEPARTMENT OF TRANSPORTATION**

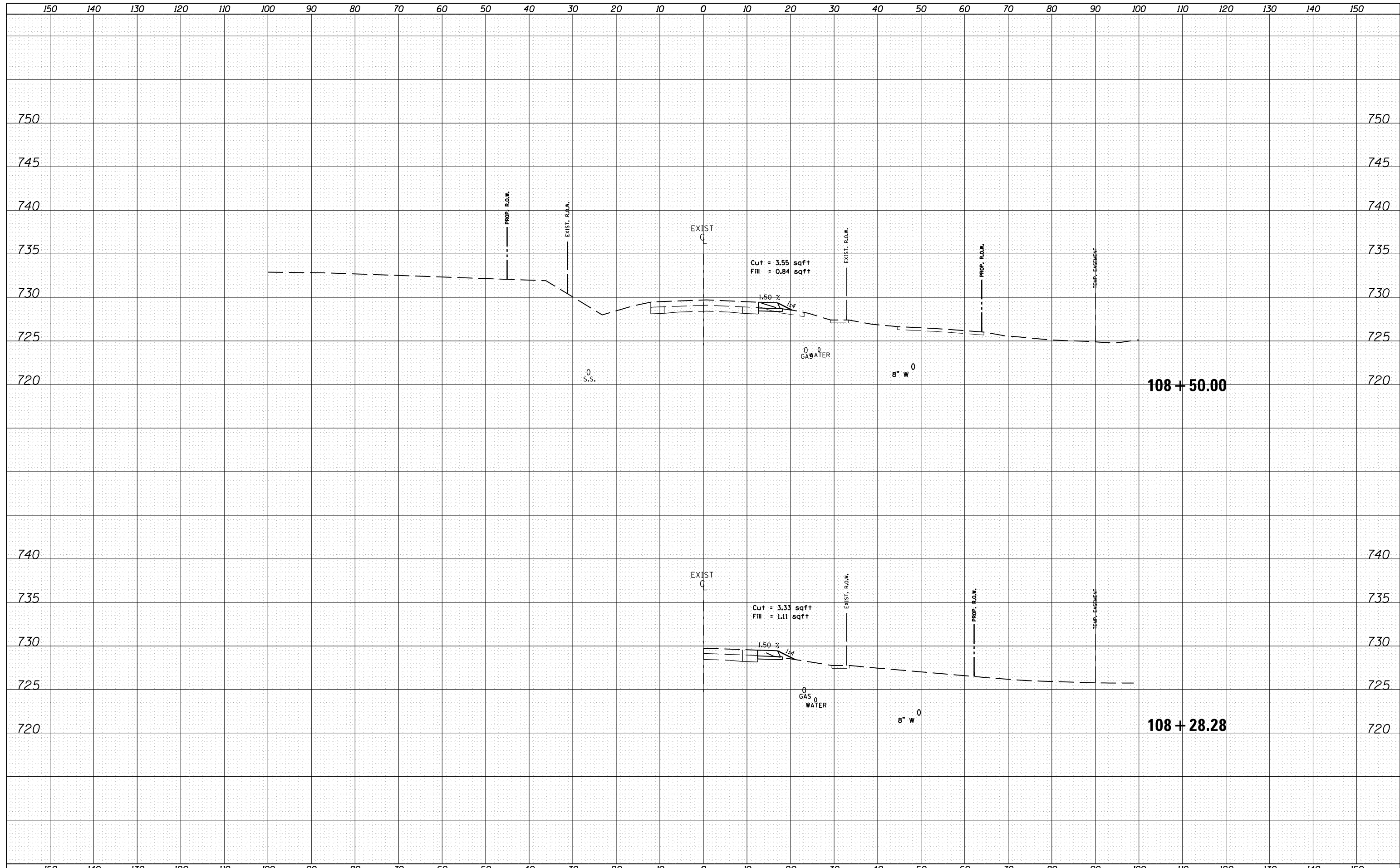
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	374
ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

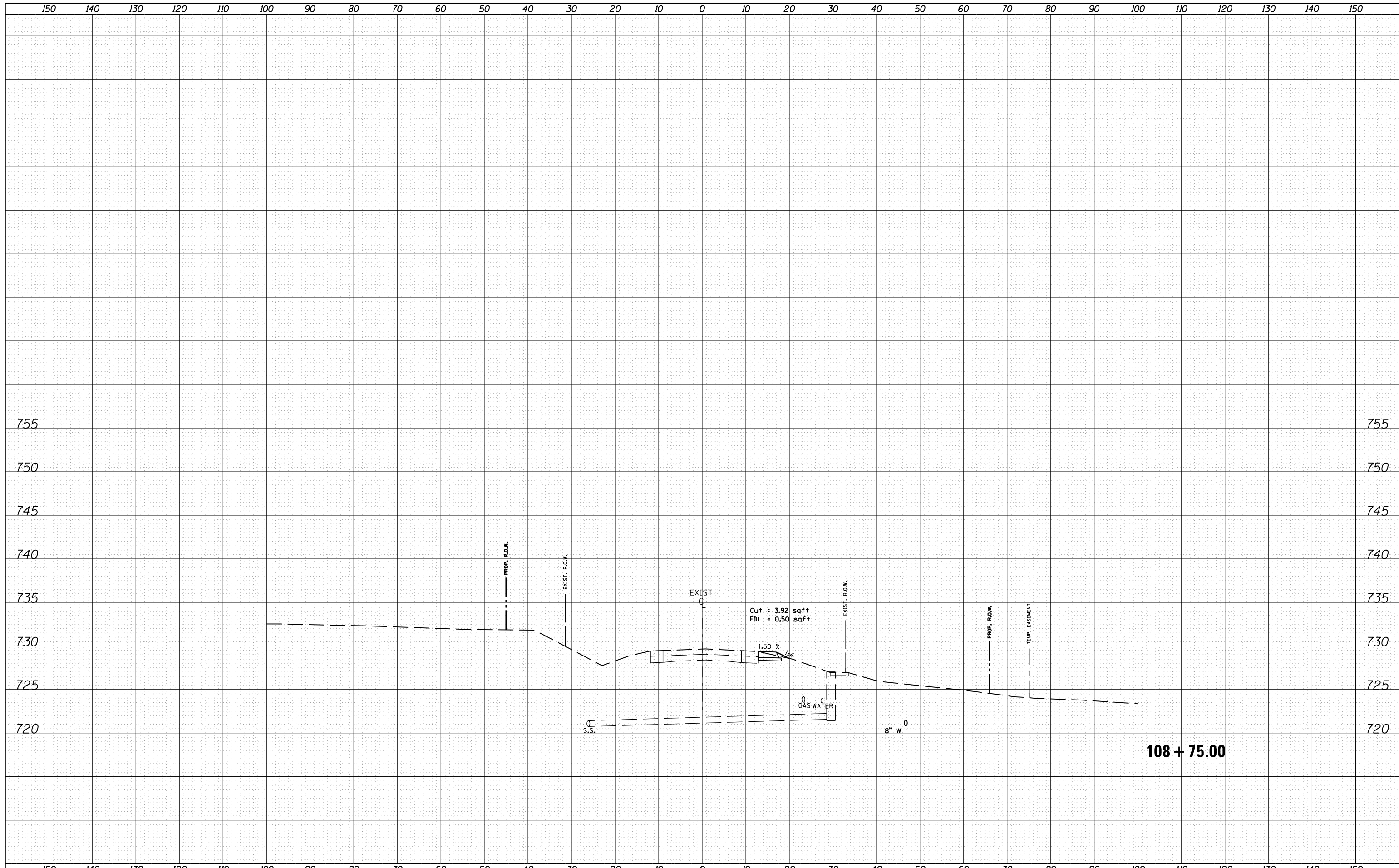
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CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

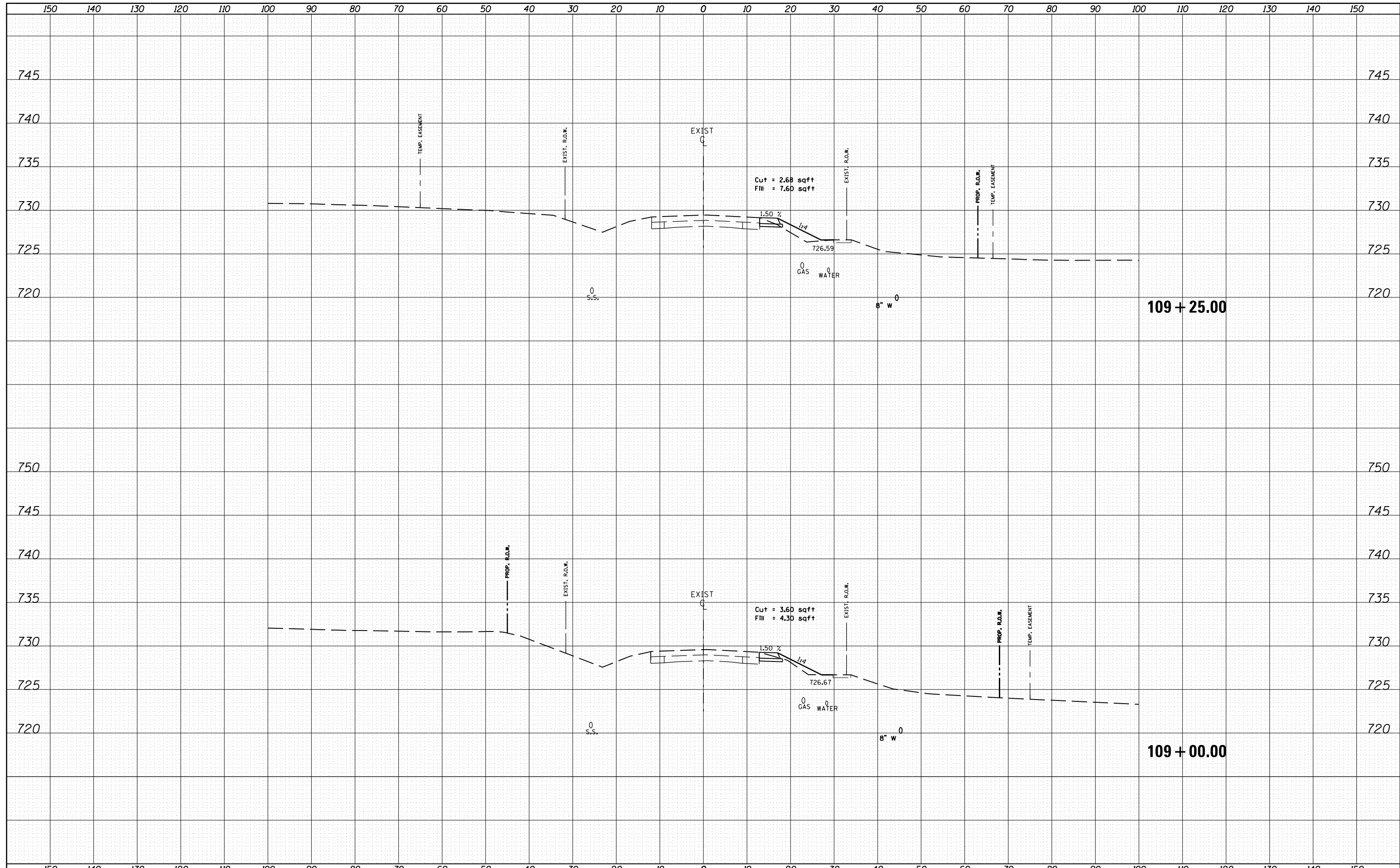
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

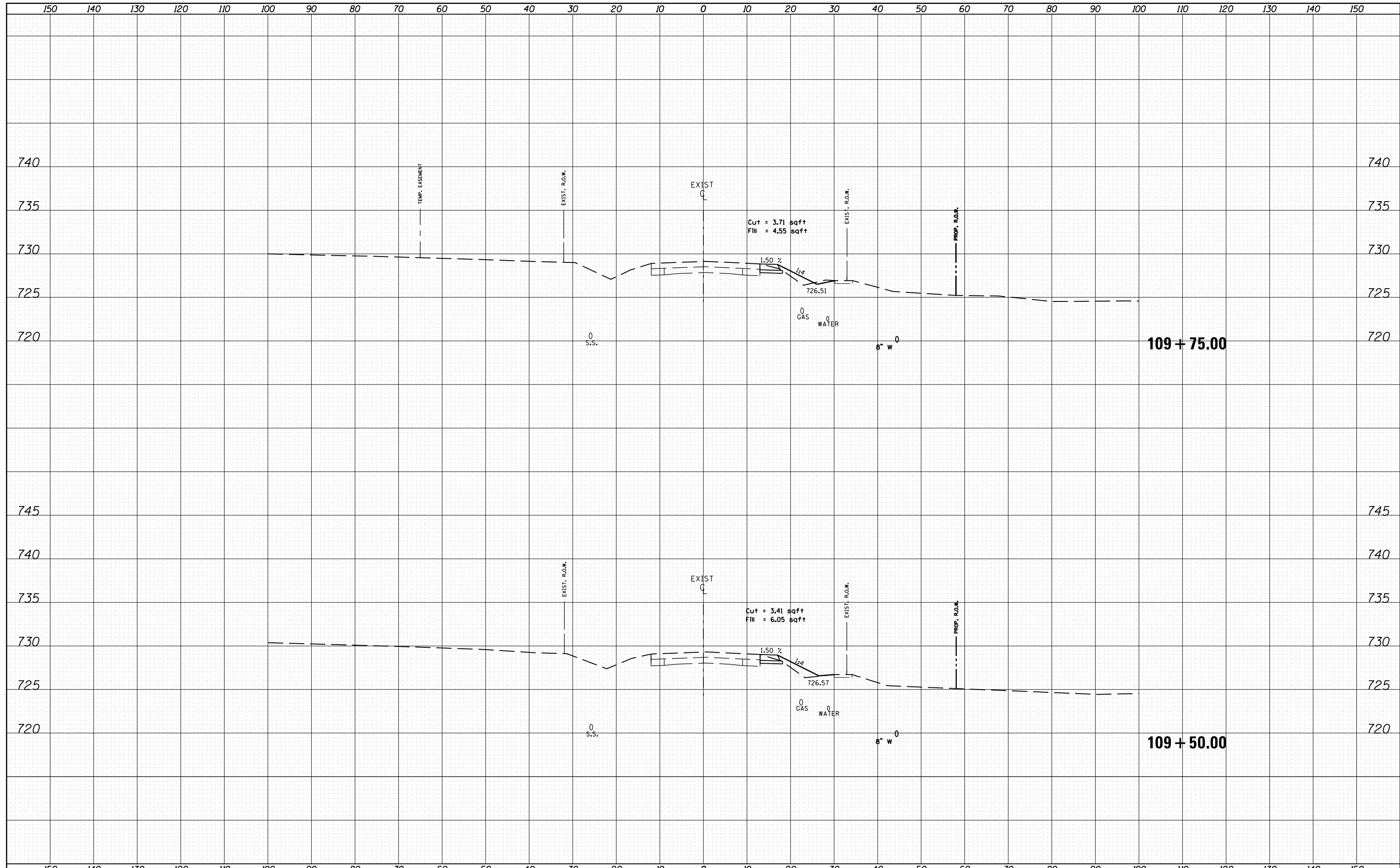
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1380	7W-1,RS-3	Peoria	617	377
ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE 1A
CROSS SECTION**

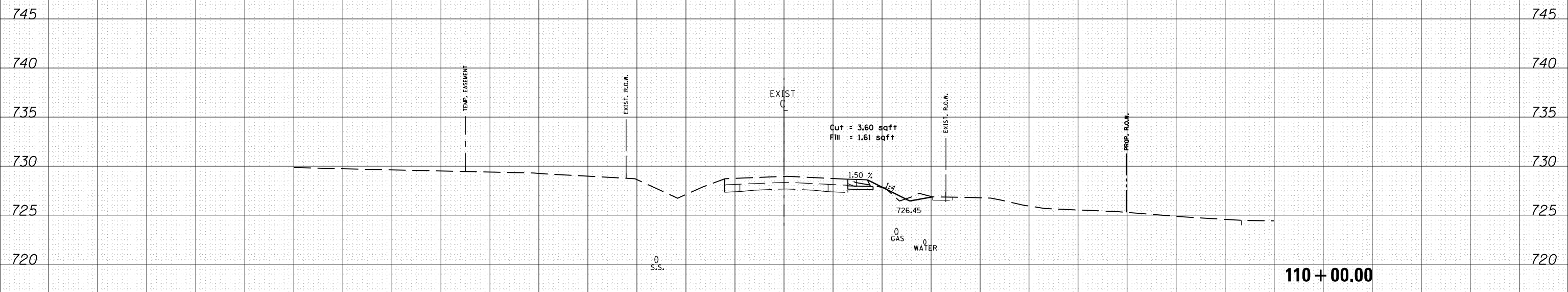
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1380	7W-1,RS-3	Peoria	617	378
				CONTRACT NO. 88792
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

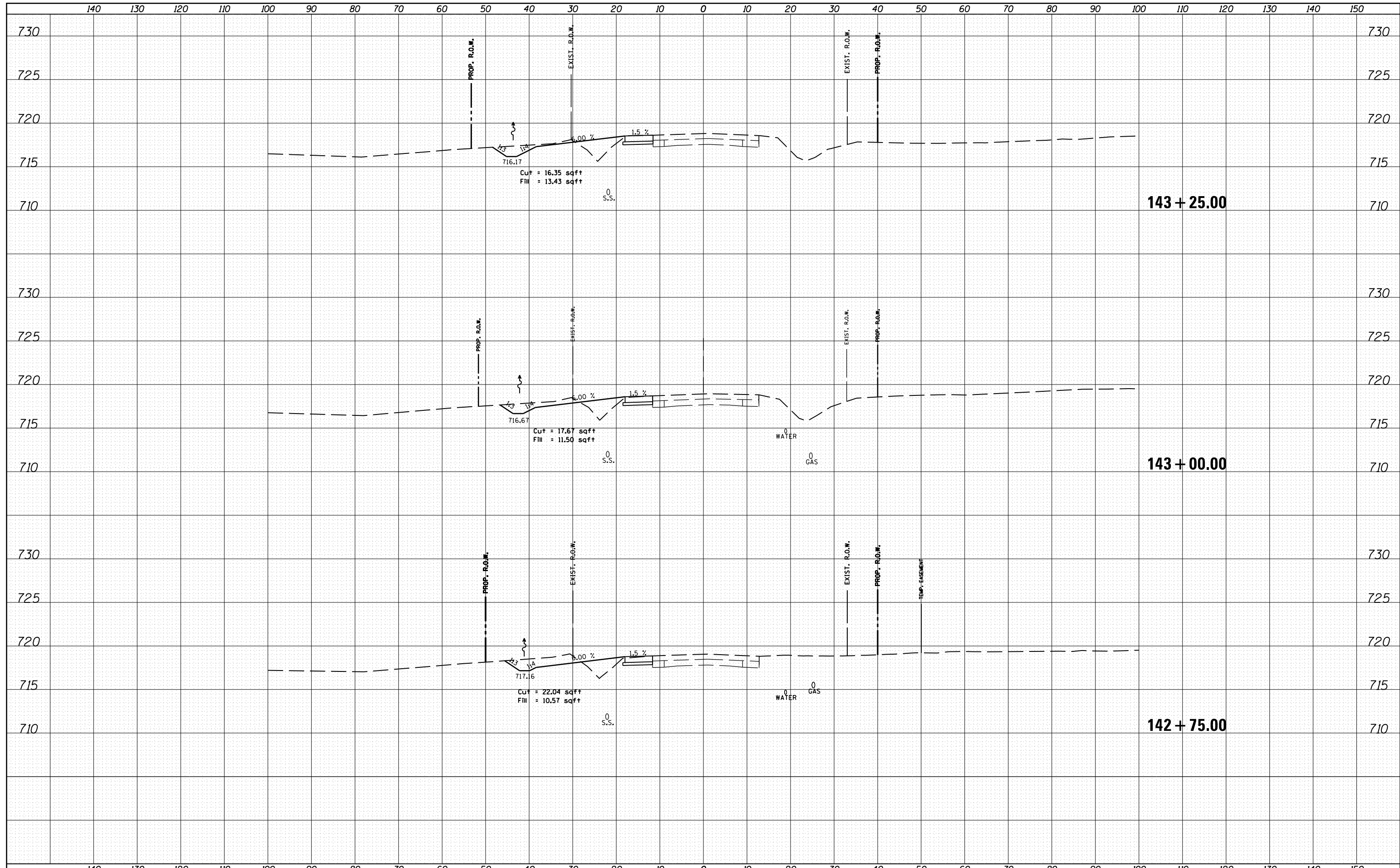
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1380	7W-1,RS-3	Peoria	617	379
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

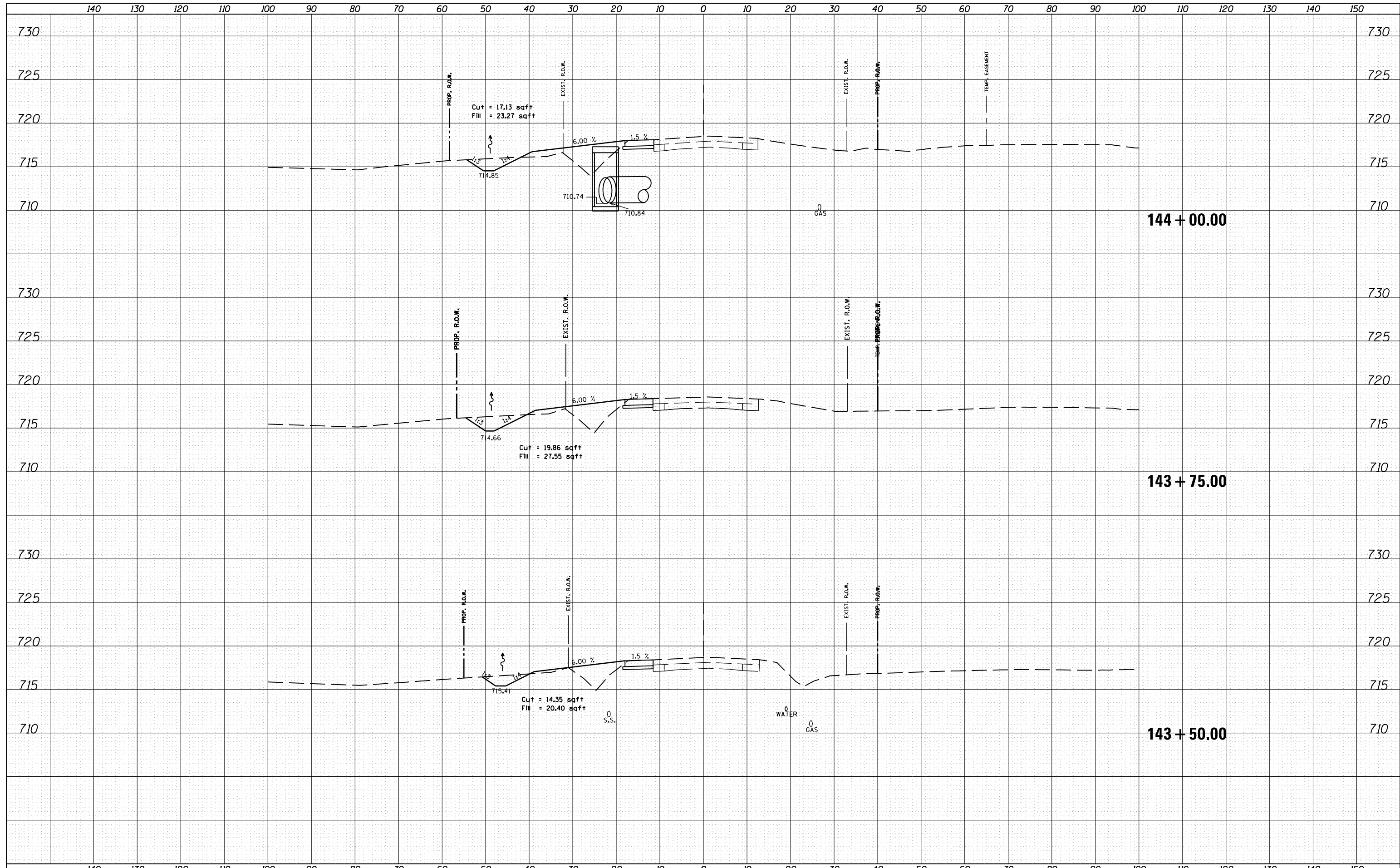
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1380	7W-1,RS-3	Peoria	617	380
				CONTRACT NO. 88792
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

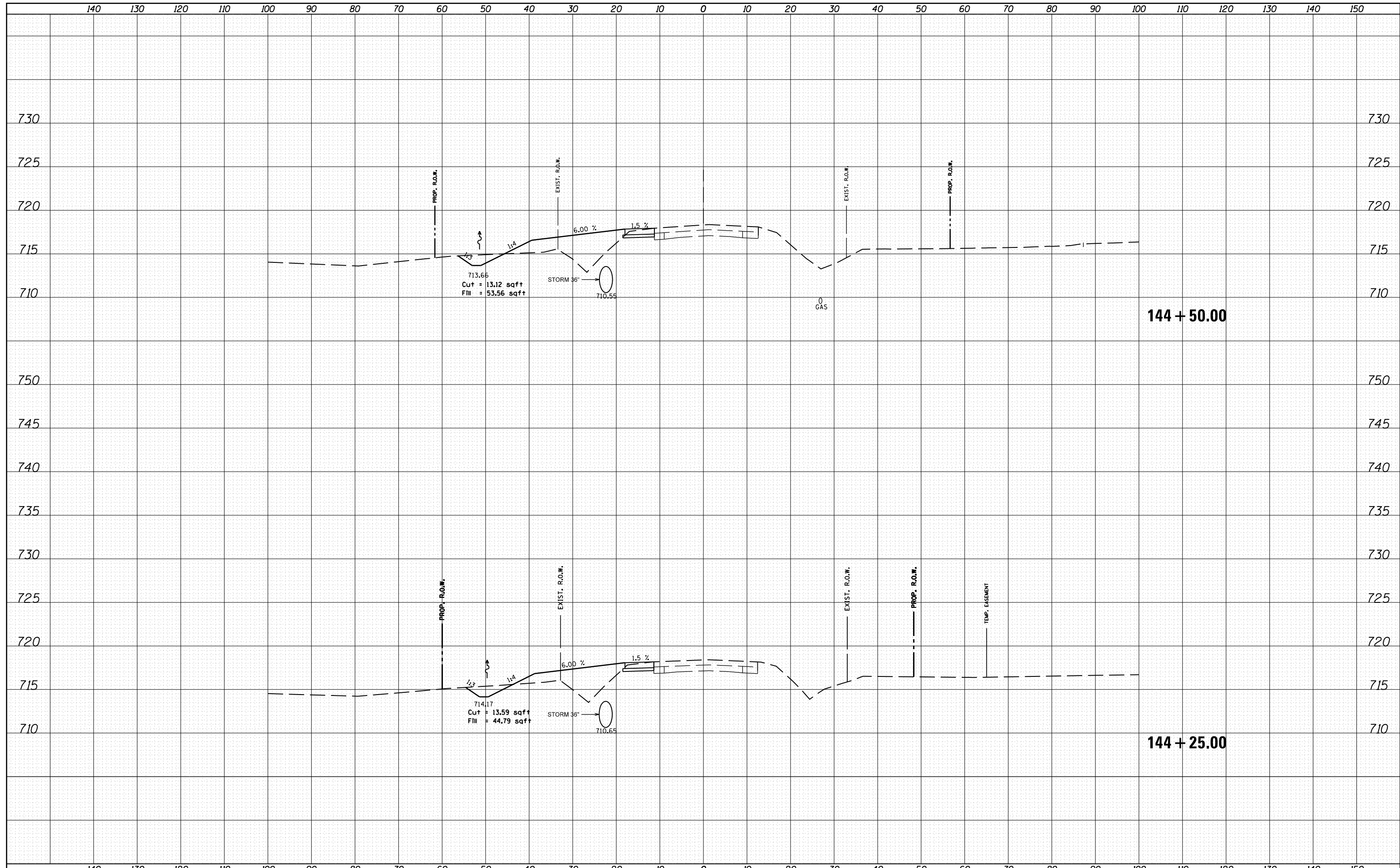
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SCALE: SHEET OF SHEETS STA. 143+50.00 TO STA. 144+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	381
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



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 PLOT DATE = 8/15/2013

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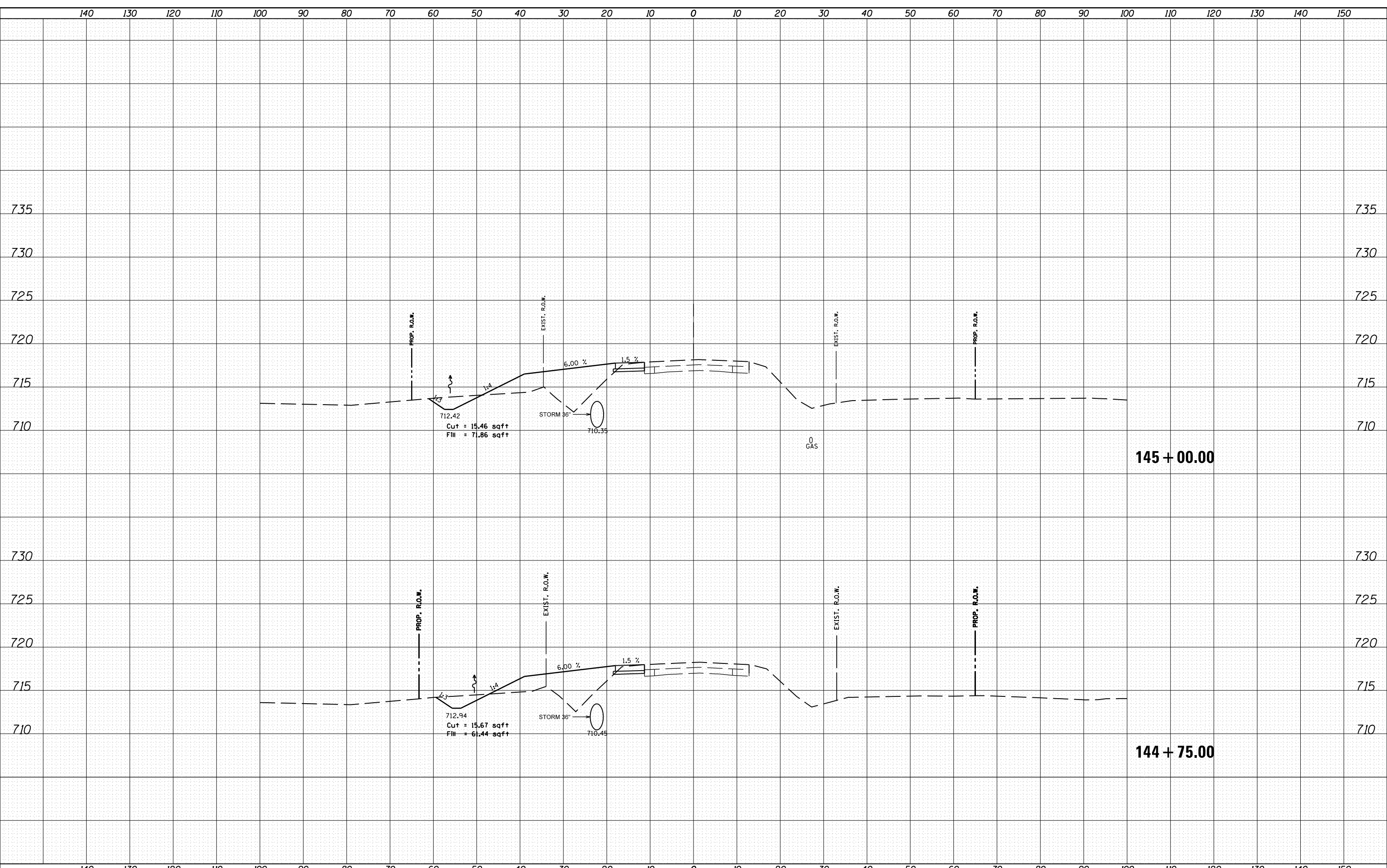
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE 1A
 CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 144+25.00 TO STA. 144+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	382
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

BY	DATE

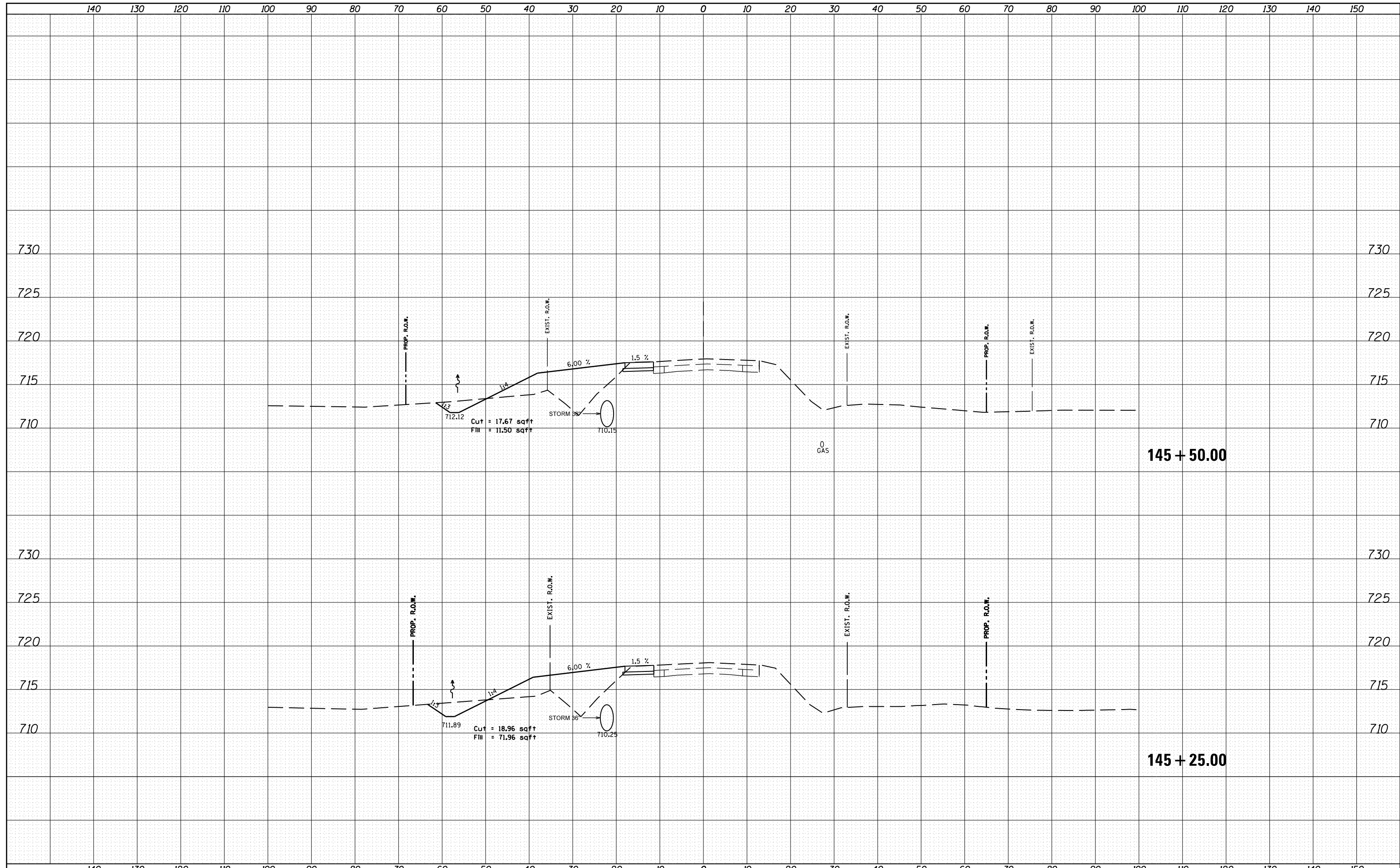


BY	DATE

FILE NAME =	c:\pw_work\p1dot\crespole\0330150\prestage 1 sheet.dgn	USER NAME = crespole	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRE-STAGE 1A CROSS SECTION	SCALE: SHEET OF SHEETS STA. 144+75.00 TO STA. 145+00.00												
			DRAWN -	REvised -															
			CHECKED -	REvised -															
			DATE -	REvised -															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">F.A.S. RTE.</td> <td style="font-size: x-small;">SECTION</td> <td style="font-size: x-small;">COUNTY</td> <td style="font-size: x-small;">TOTAL SHEETS</td> <td style="font-size: x-small;">SHEET NO.</td> </tr> <tr> <td style="font-size: x-small;">1380</td> <td style="font-size: x-small;">7W-1,RS-3</td> <td style="font-size: x-small;">Peoria</td> <td style="font-size: x-small;">617</td> <td style="font-size: x-small;">383</td> </tr> <tr> <td colspan="5" style="font-size: x-small; text-align: right;">CONTRACT NO. 88792</td> </tr> </table>					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1380	7W-1,RS-3	Peoria	617	383	CONTRACT NO. 88792				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.															
1380	7W-1,RS-3	Peoria	617	383															
CONTRACT NO. 88792																			
ILLINOIS FED. AID PROJECT																			

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

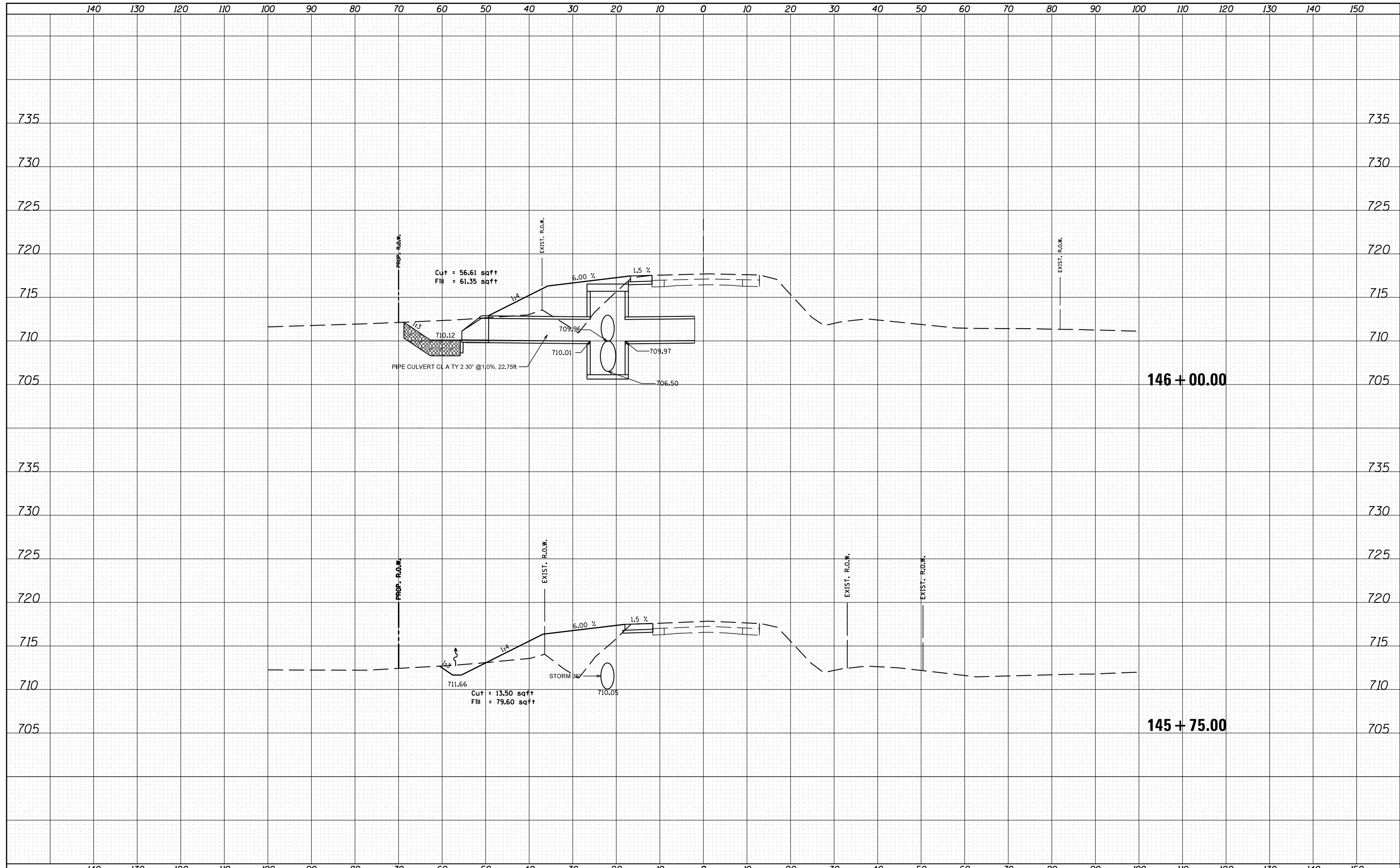
**PRE-STAGE 1A
 CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 145+25.00 TO STA. 145+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	384
			CONTRACT NO. 88792	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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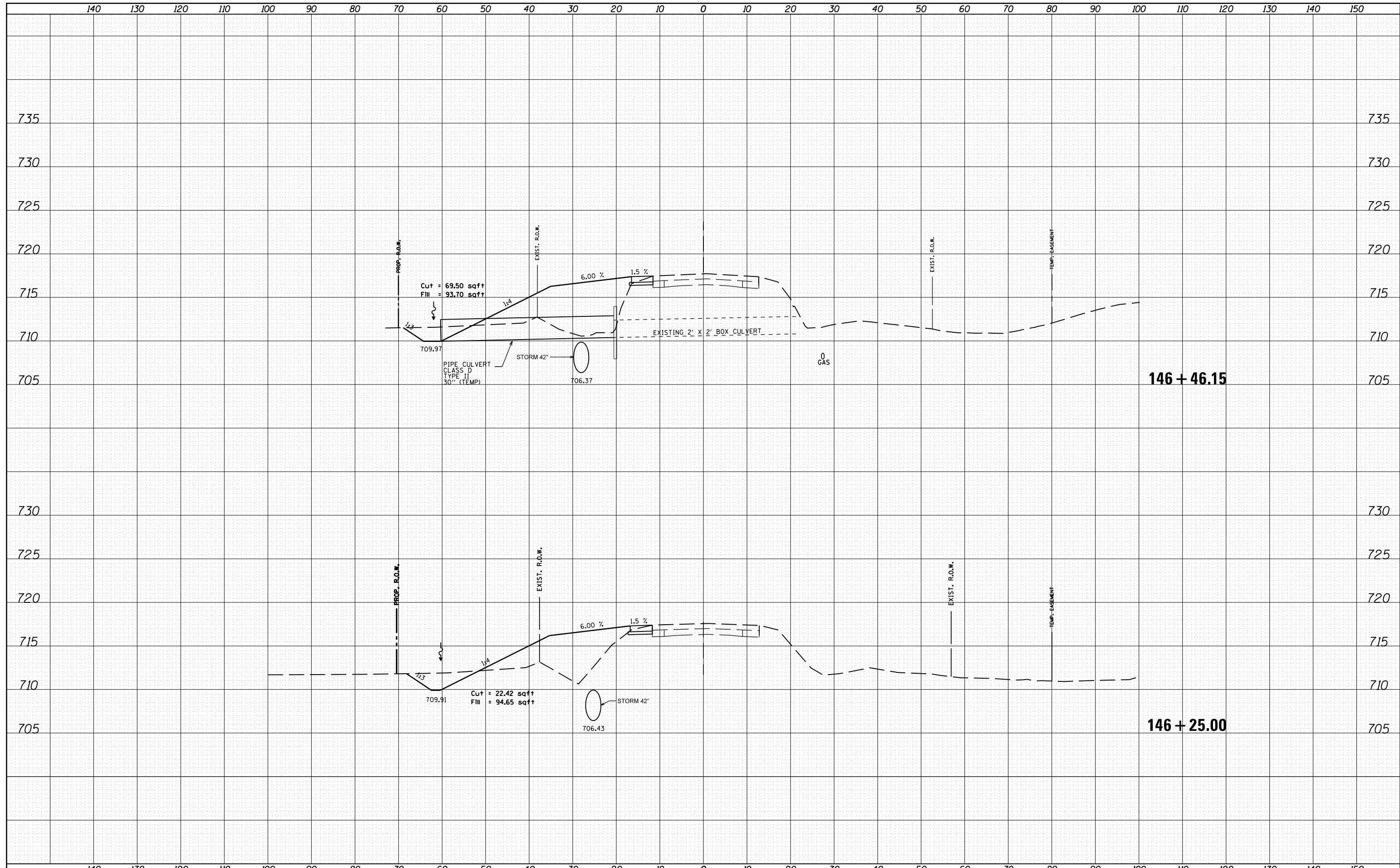
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED



FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRE-STAGE 1A CROSS SECTION	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\crespole\10330150\prestage 1 sheet.dgn	DRAWN -	REVISED -	1380			7W-1,RS-3	Peoria	617	385	
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET	OF	SHEETS	STA. 145+75.00	TO STA. 146+00.00

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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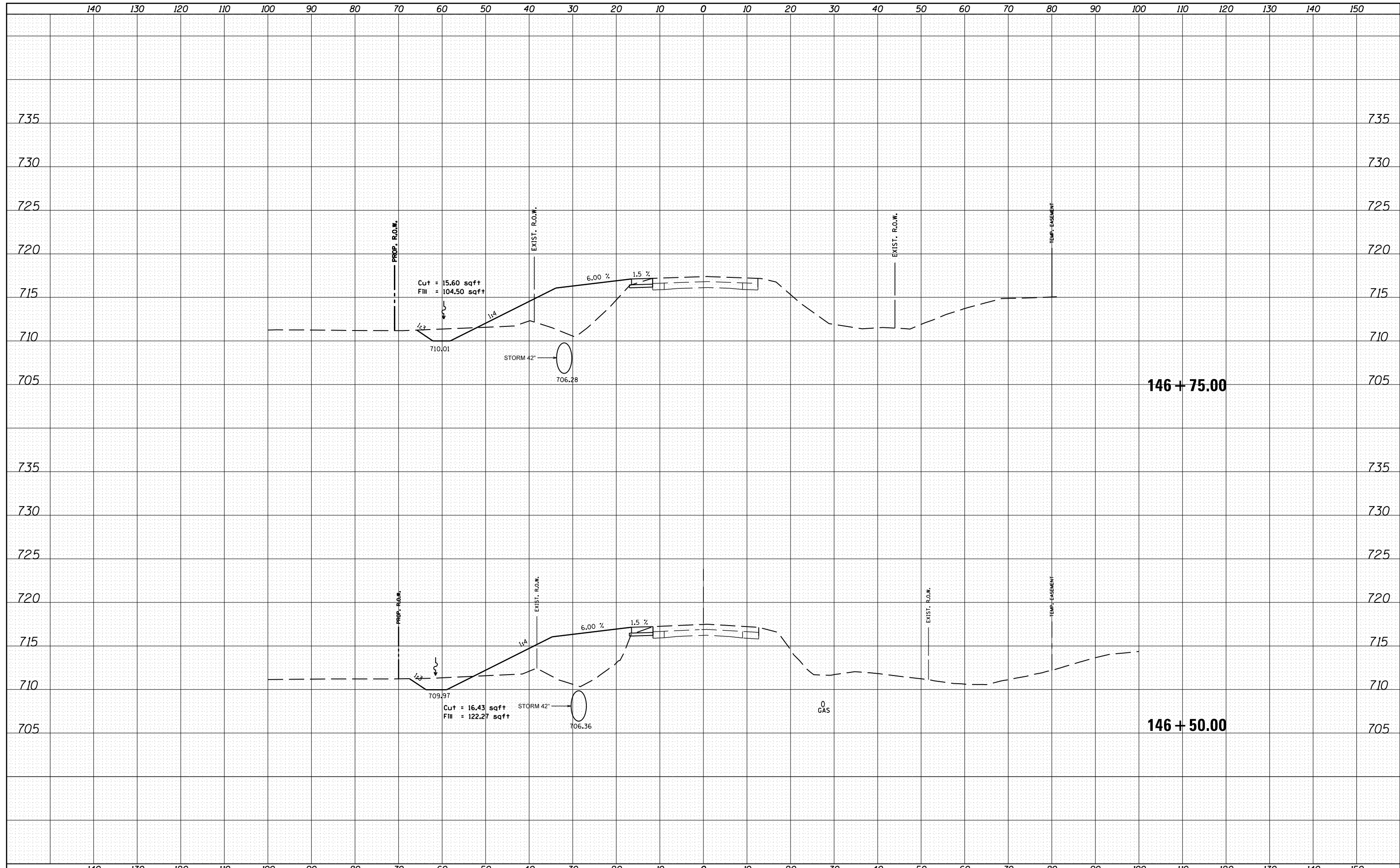
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRE-STAGE 1A CROSS SECTION	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\crespole\10330150\prestage 1 sheet.dgn		DRAWN -	REVISED -			1380	7W-1,RS-3	Peoria	617	386
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 88792		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/15/2013	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA. 146+25.00

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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PLOT DATE = 8/15/2013	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

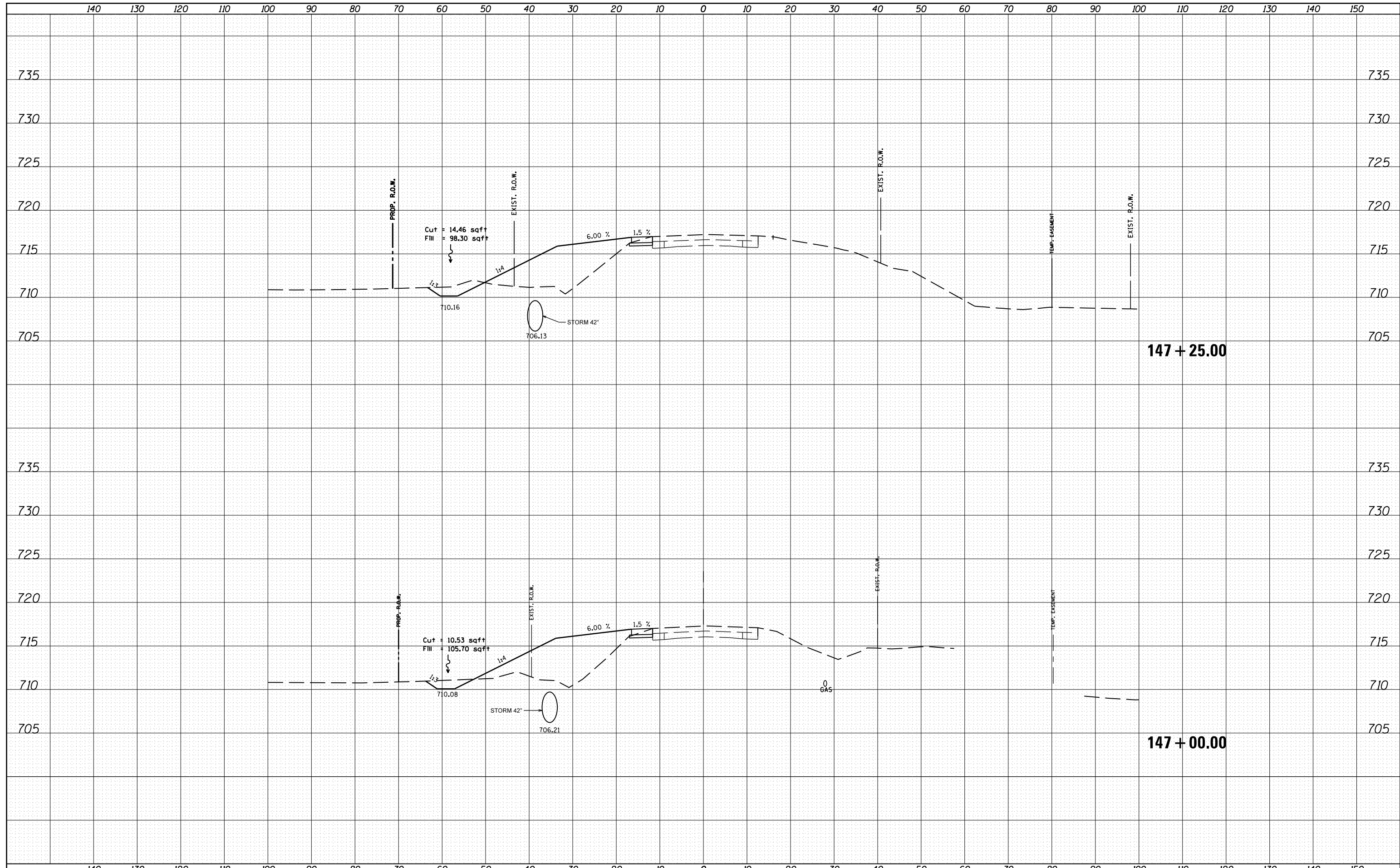
**PRE-STAGE 1A
CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 146+50.00 TO STA. 146+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	387
ILLINOIS FED. AID PROJECT			CONTRACT NO. 88792	

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	DATE -	REVISÉD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

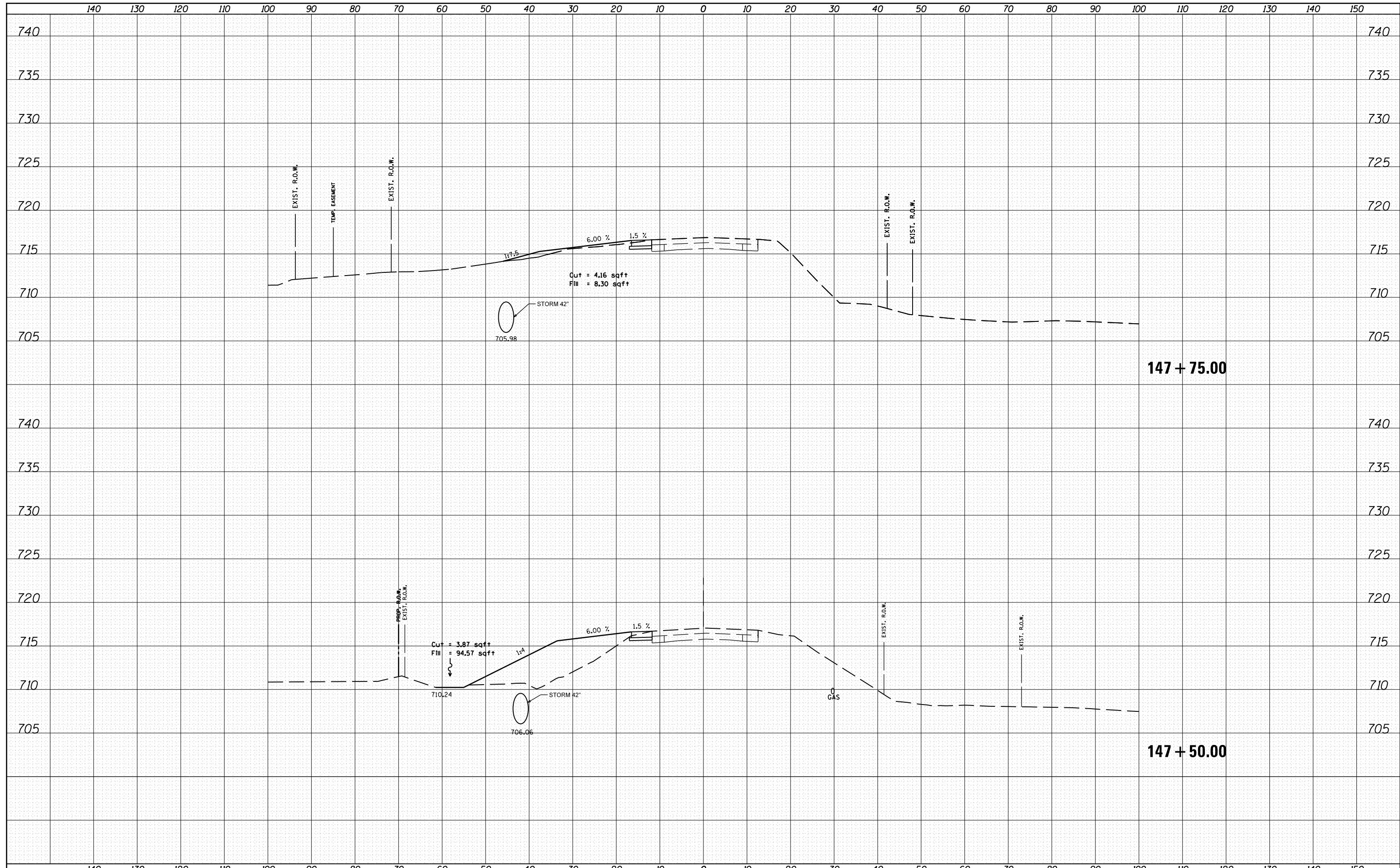
**PRE-STAGE 1A
CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 147+00.00 TO STA. 147+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	388
				CONTRACT NO. 88792
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLOT DATE = 8/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

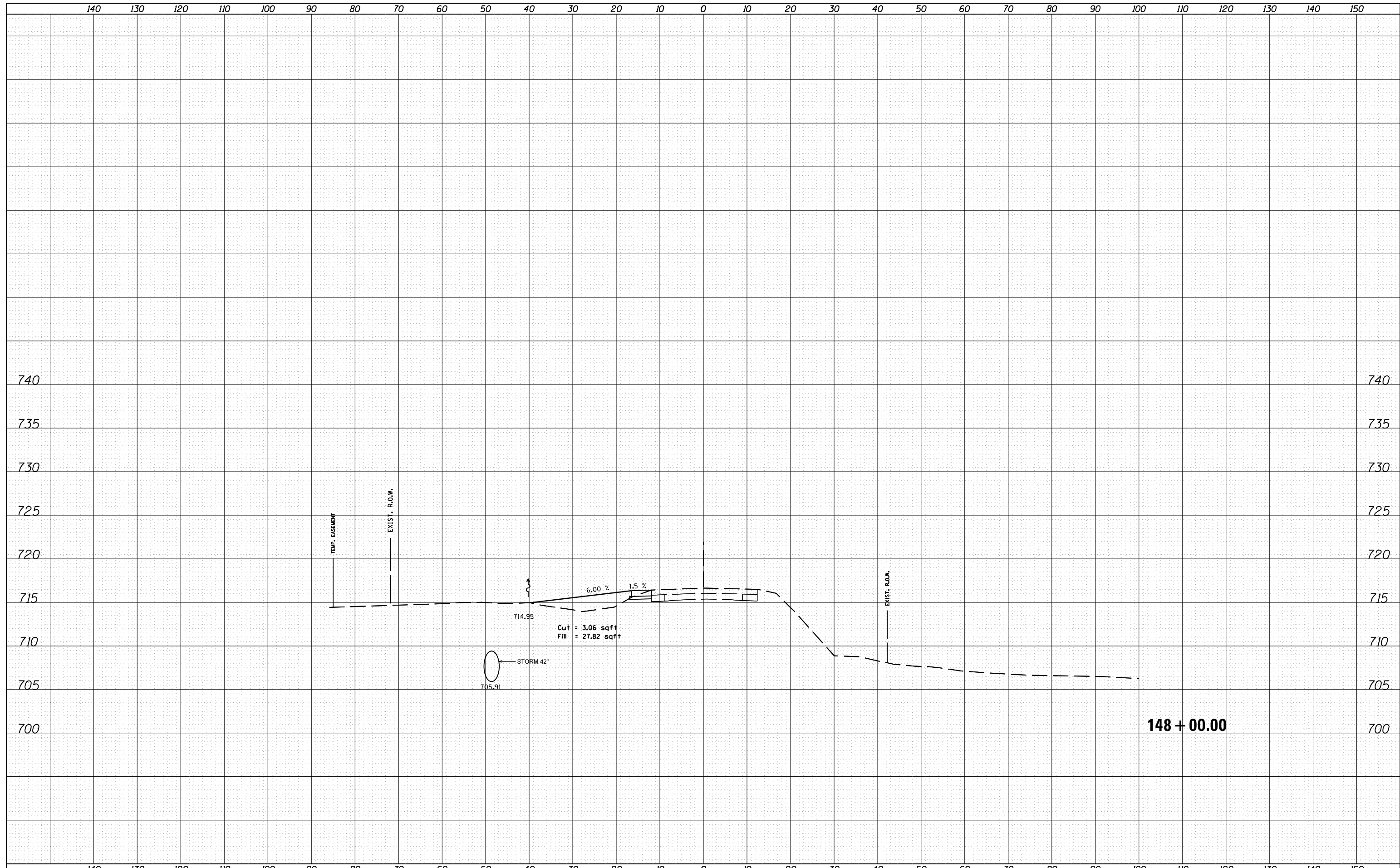
**PRE-STAGE 1A
CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 147+50.00 TO STA. 147+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	389
				CONTRACT NO. 88792
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

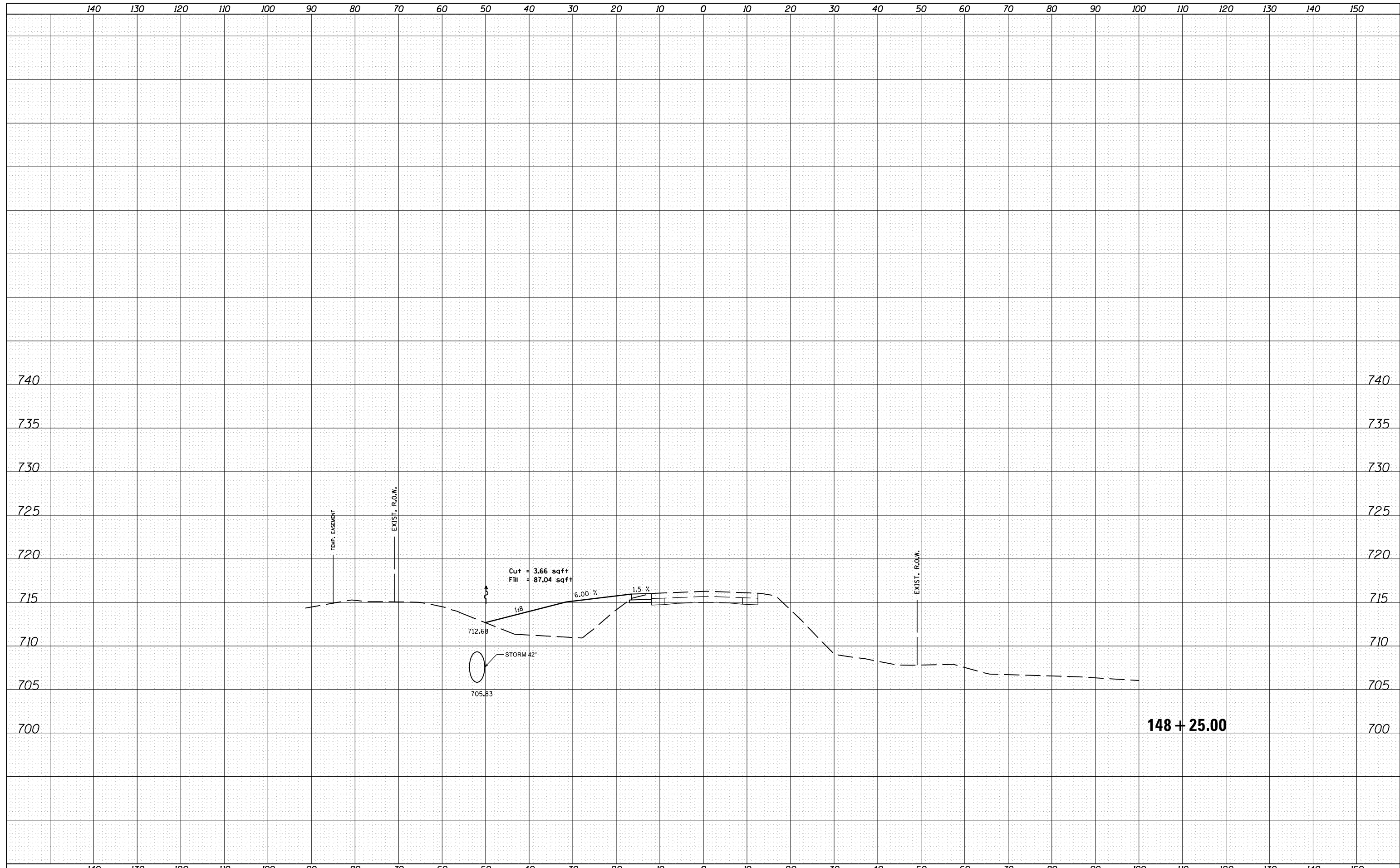
**PRE-STAGE 1A
CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 148+00.00 TO STA. 148+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	390
			CONTRACT NO. 88792	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

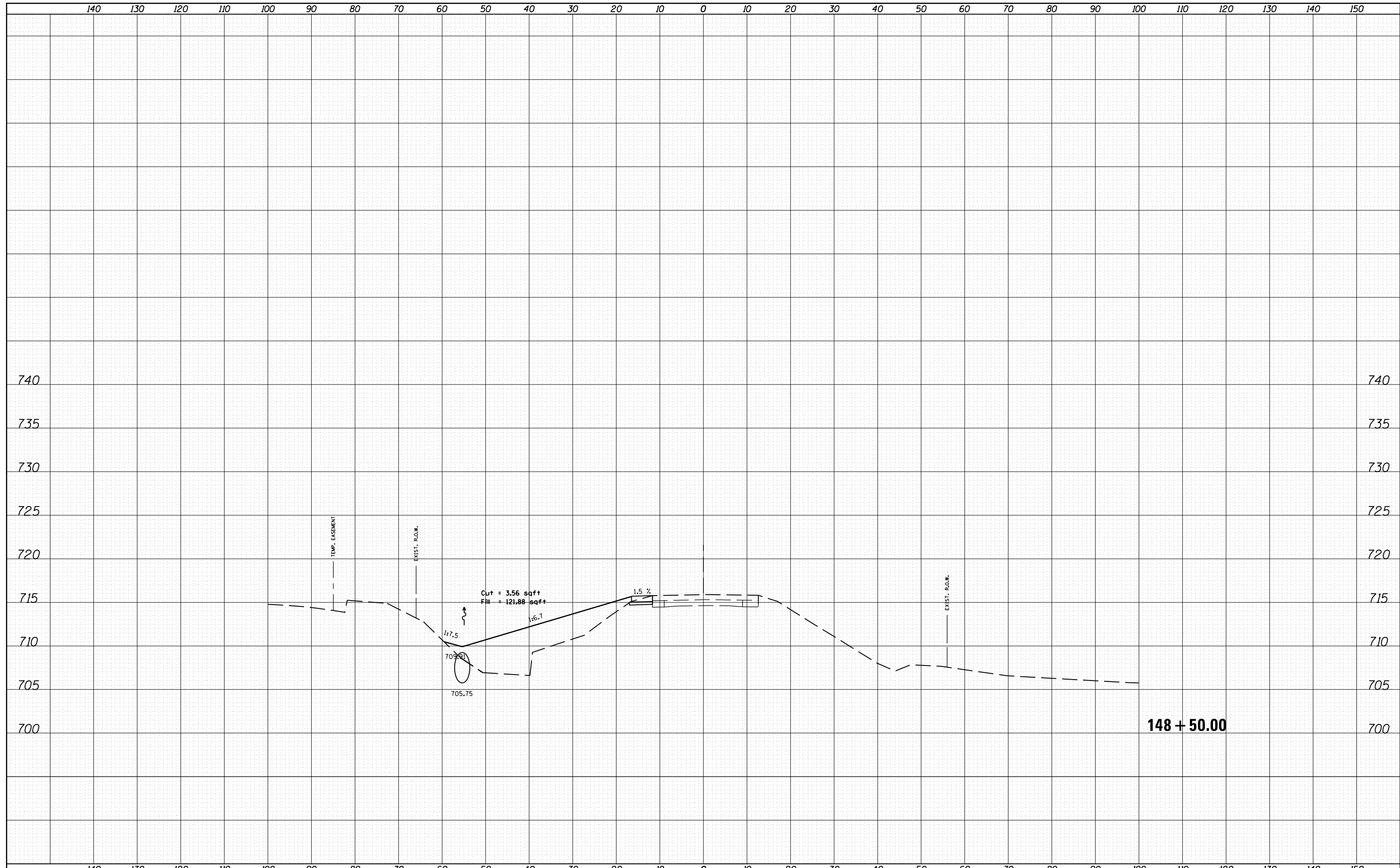
**PRE-STAGE 1A
CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 148+25.00 TO STA. 148+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	391
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

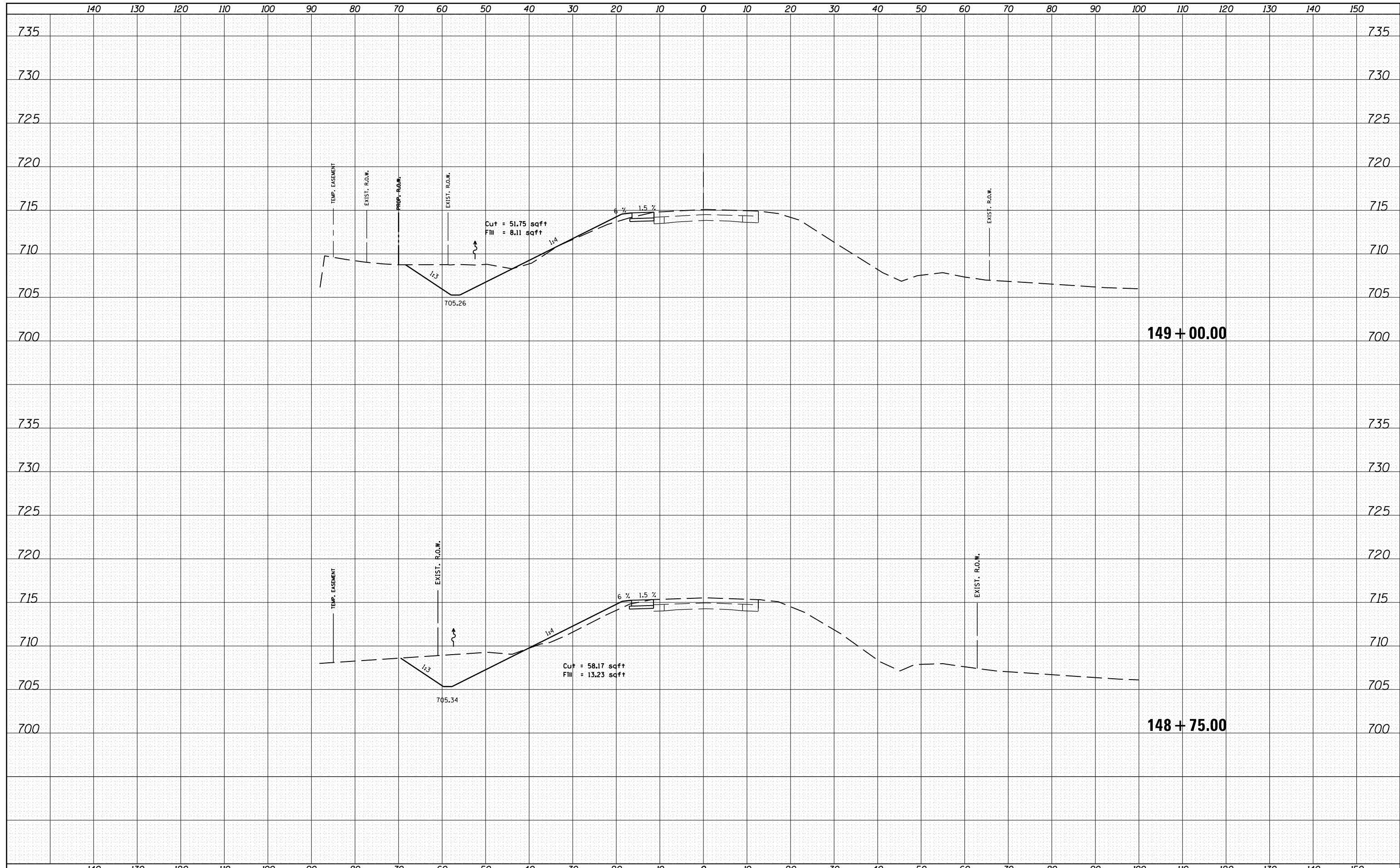
**PRE-STAGE 1A
CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 148+50.00 TO STA. 148+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	392
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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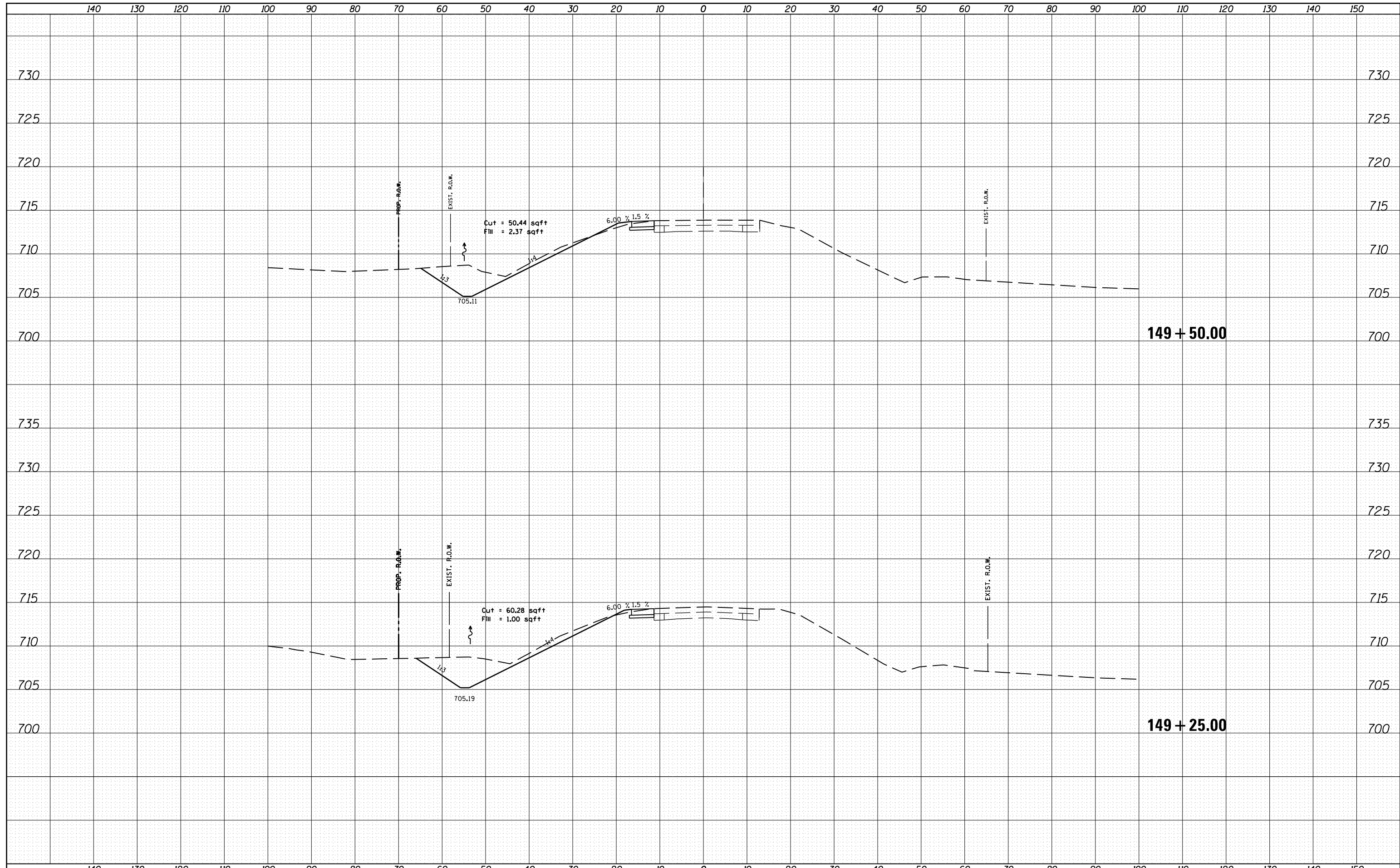
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FILE NAME =	USER NAME = crespole	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRE-STAGE 1A CROSS SECTION		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\crespole\10330150\prestage 1 sheet.dgn	DRAWN -	REVISIED -	1380				7W-1,RS-3	Peoria	617	393	
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -				CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISIED -				ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA. 148+75.00	TO STA. 149+00.00	

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FINAL SURVEY	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

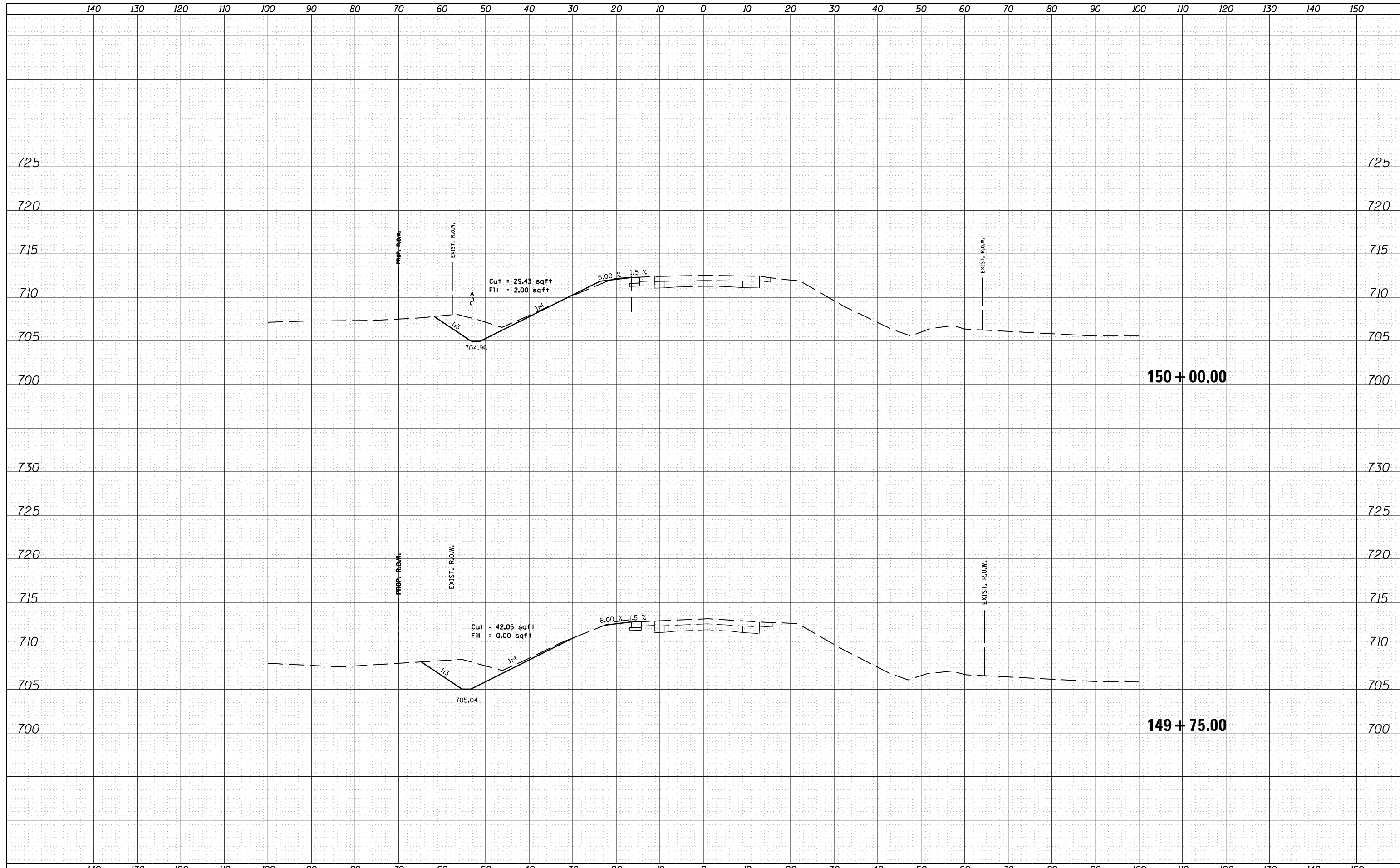
**PRE-STAGE 1A
 CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 149+25.00 TO STA. 149+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	394
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

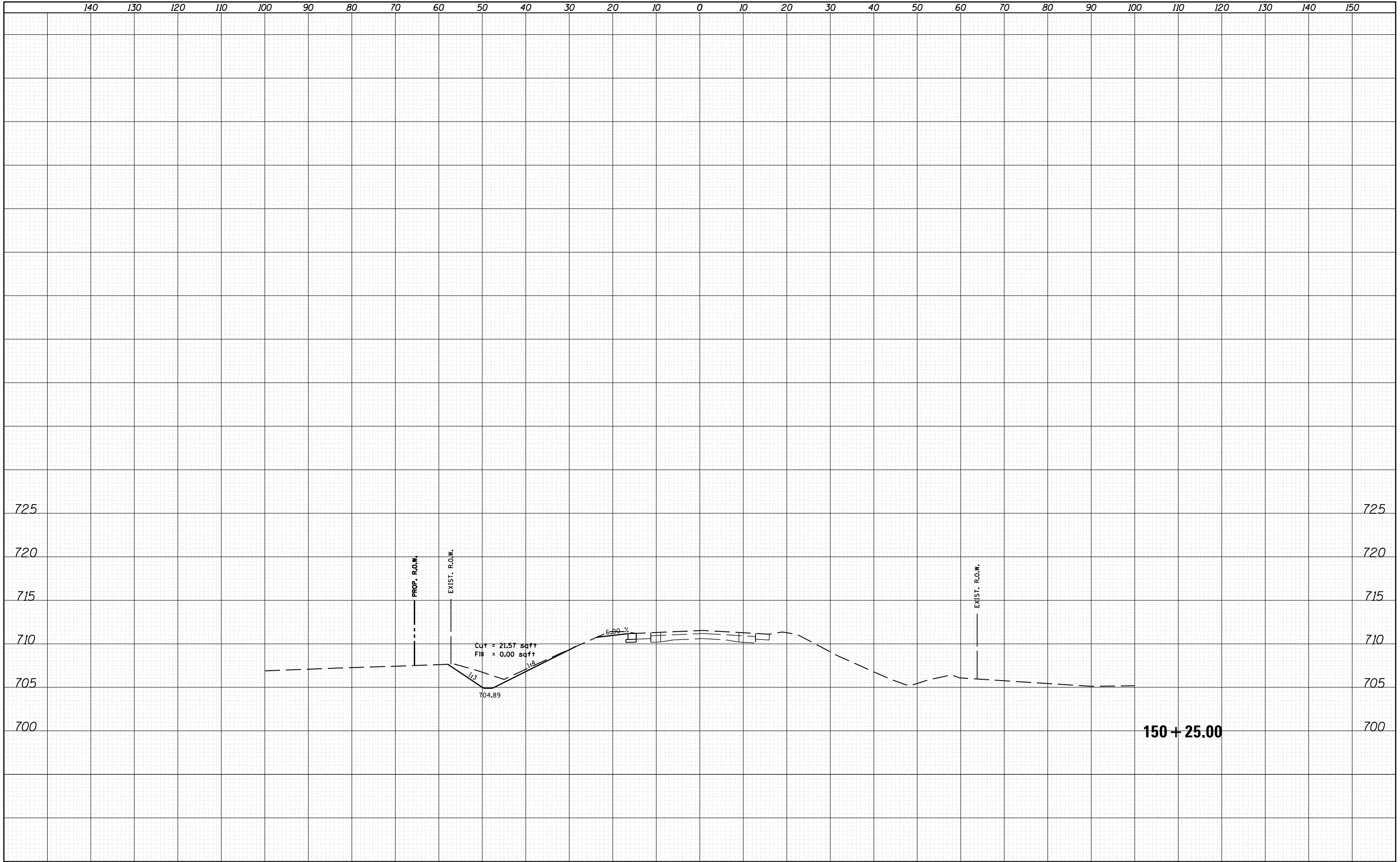
**PRE-STAGE 1A
 CROSS SECTION**

SCALE: SHEET OF SHEETS STA. 149+75.00 TO STA. 150+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	395
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. 150+25.00 TO STA. 150+25.00

**PRE-STAGE 1A
 CROSS SECTION**

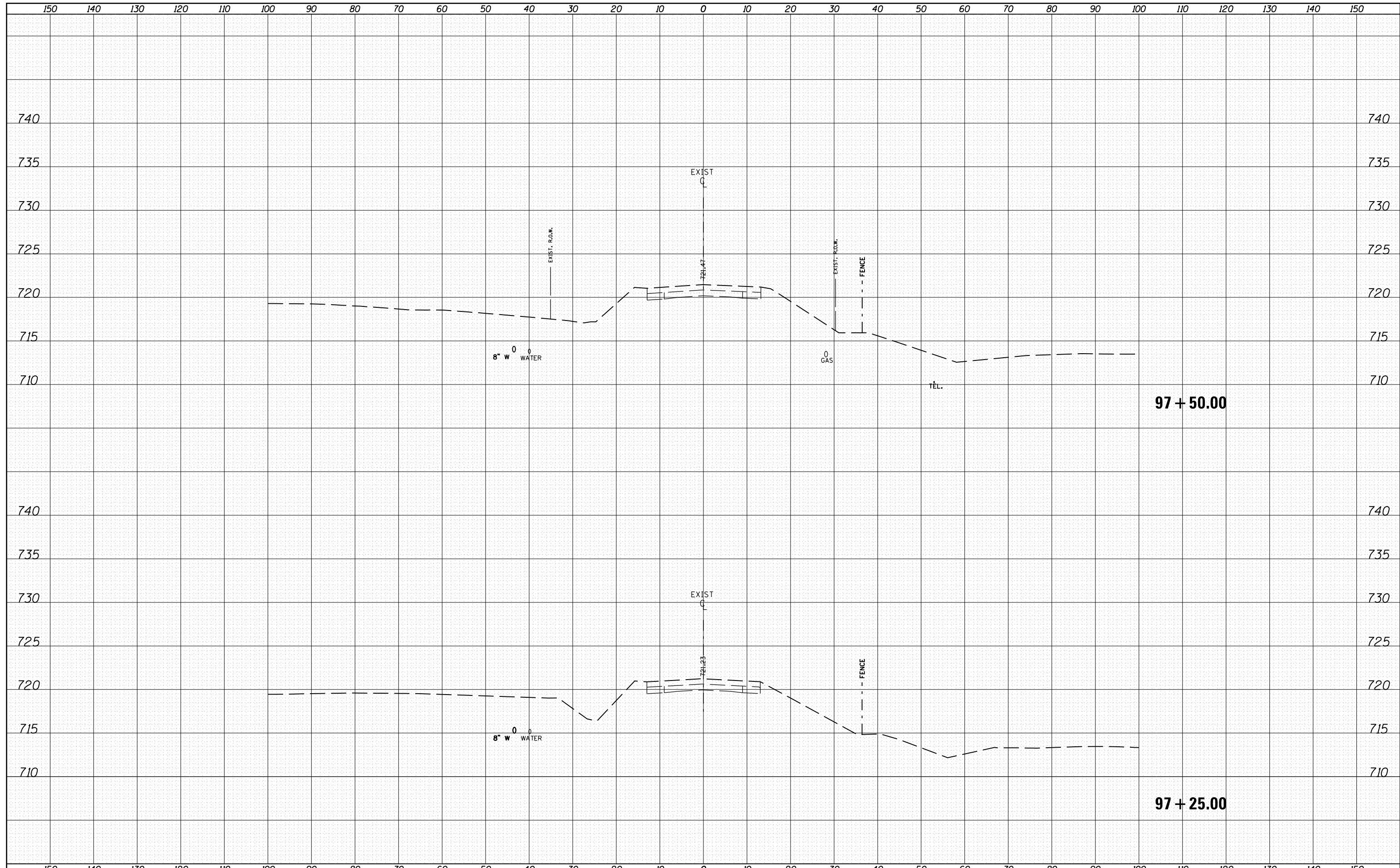
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	396

CONTRACT NO. 88792
 ILLINOIS FED. AID PROJECT

150 + 25.00

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FINAL SURVEY	
NOTE BOOK	
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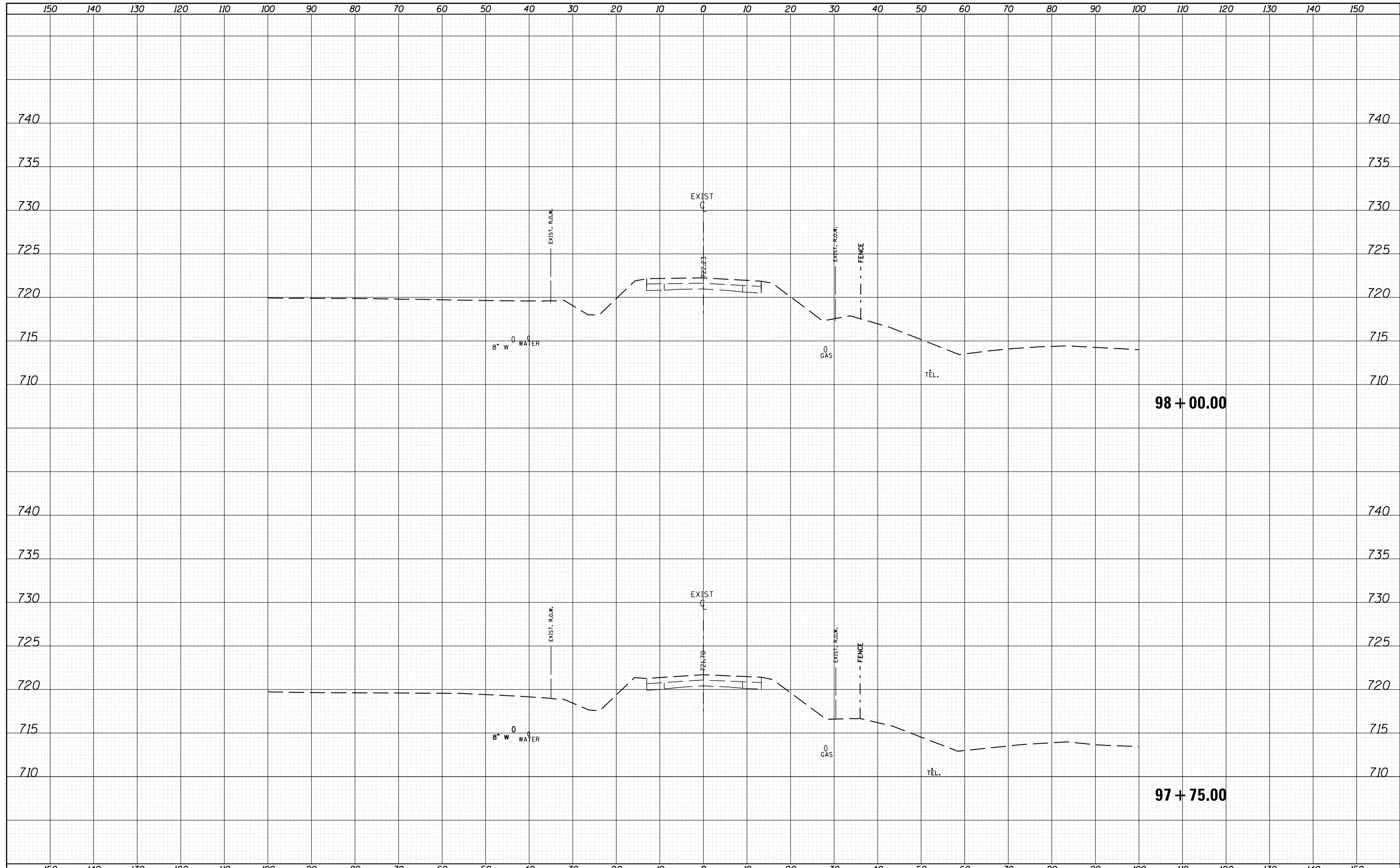
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NOTE BOOK	
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c:\pw_work\pwidot\crespole\d0330150\10488792-xsheet2.dgn	DRAWN -	REVISED -	1380			7W-1,RS-3	Peoria	617	397	
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA. 97+25.00	TO STA. 97+50.00

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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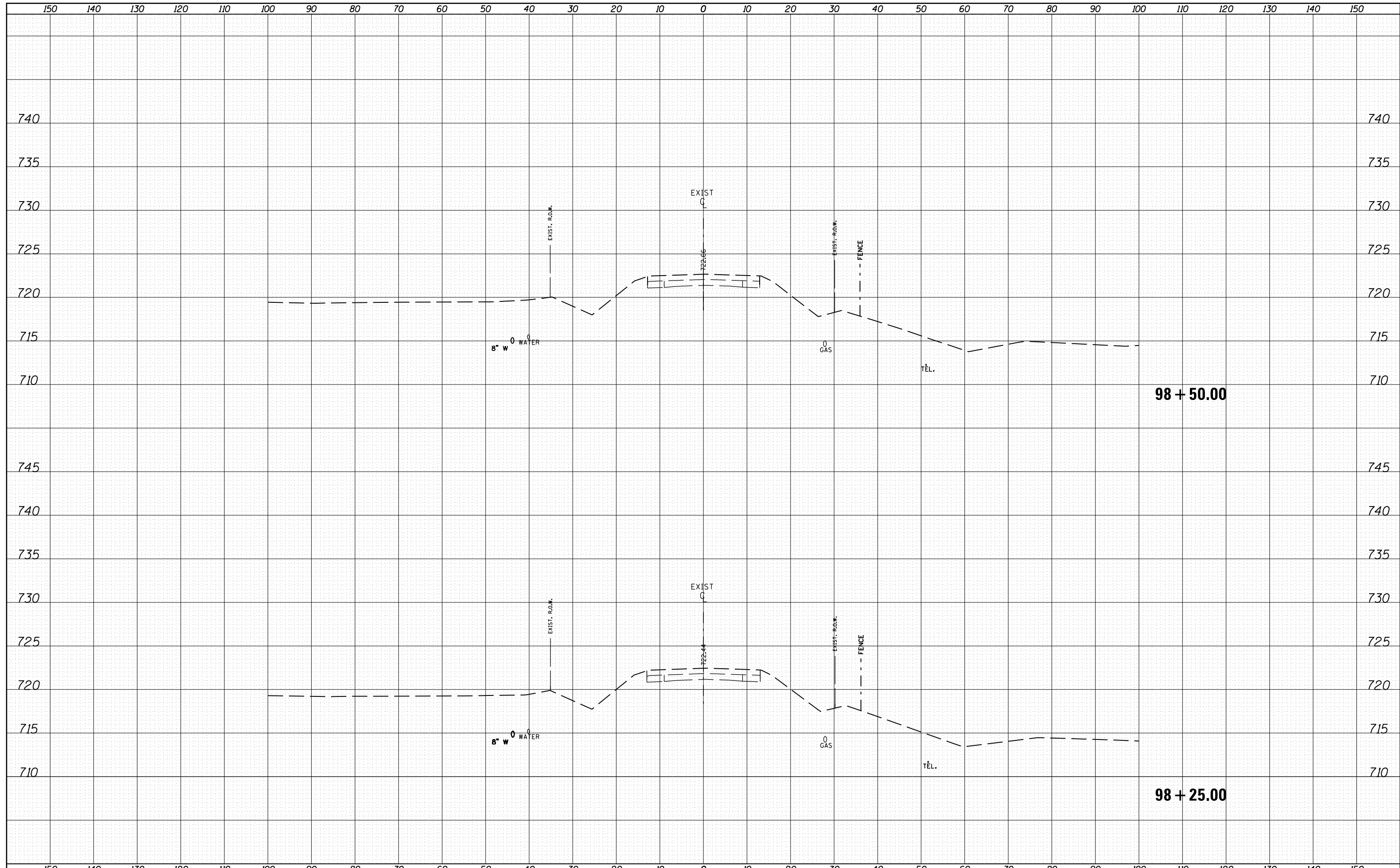
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NOTE BOOK	PLOTTED
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c:\pwork\pwork\crespole\d0330150\0488792-x-sheet2.dgn	DRAWN -	REVISED -	1380			7W-1,RS-3	Peoria	617	398	
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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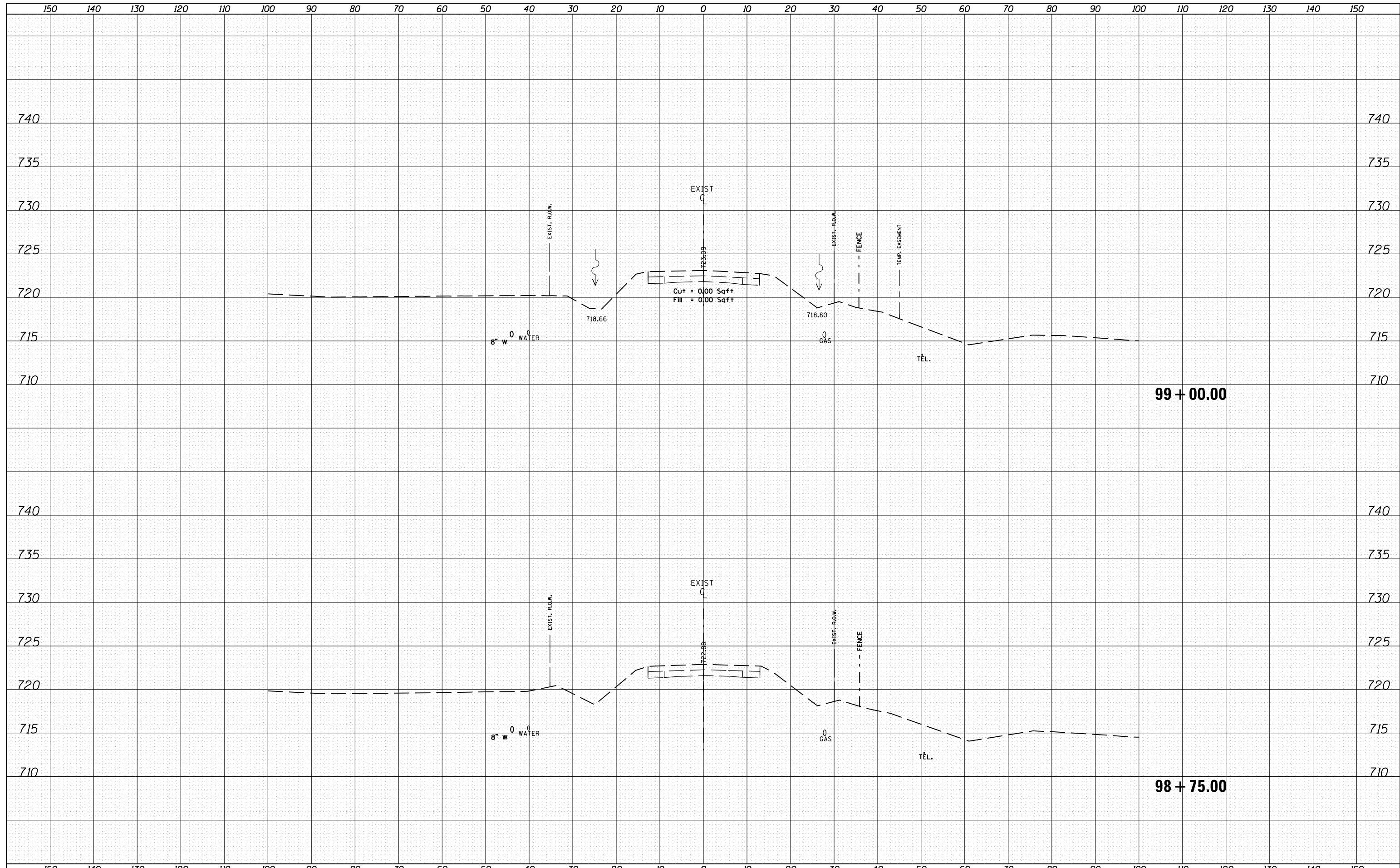
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FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 91 MAINLINE CROSS SECTIONS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\crespole\10330150\10488792-xsheet2.dgn	DRAWN -	REVISED -	1380			7W-1,RS-3	Peoria	617	399	
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:		SHEET OF SHEETS		STA. 98+25.00 TO STA. 98+50.00						

DATE	
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AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
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ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 91 MAINLINE CROSS SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\crespole\10330150\10488792-xsheet2.dgn		DRAWN -	REVISED -					1380	7W-1,RS-3	Peoria	617	400
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 88792				
	PLOT DATE = 8/15/2013	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA. 98+75.00	TO STA. 99+00.00			