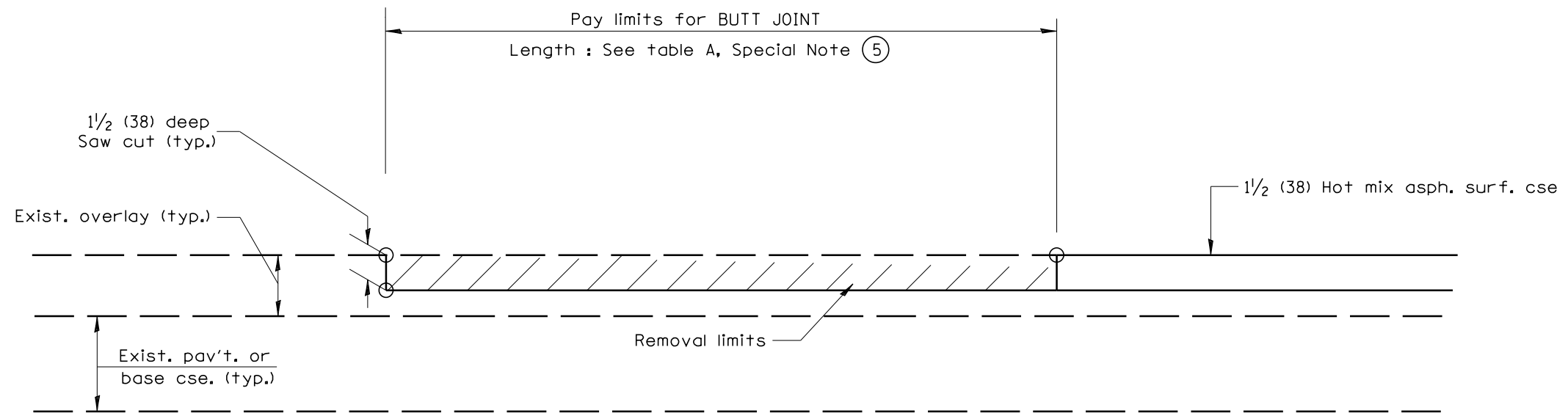


DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).

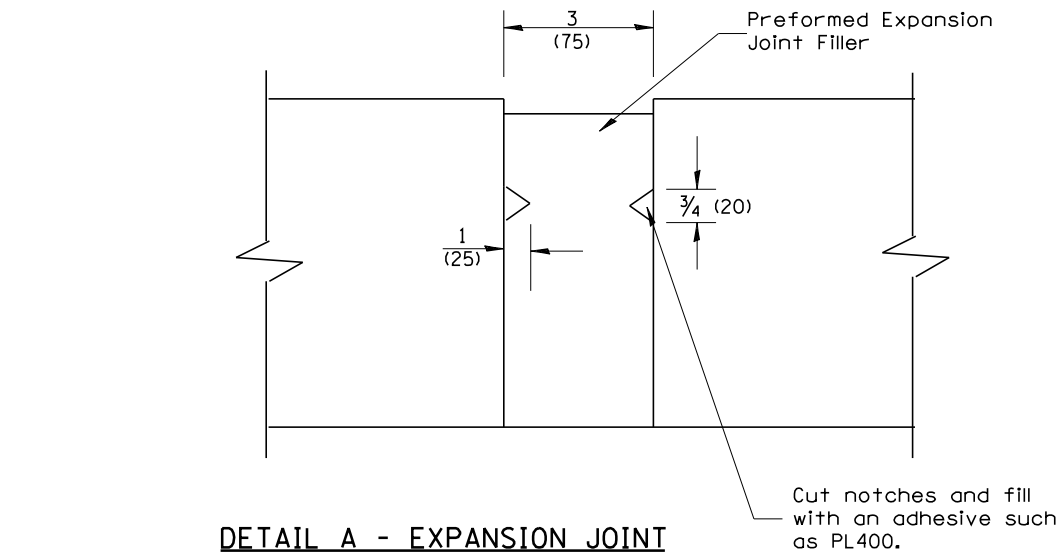
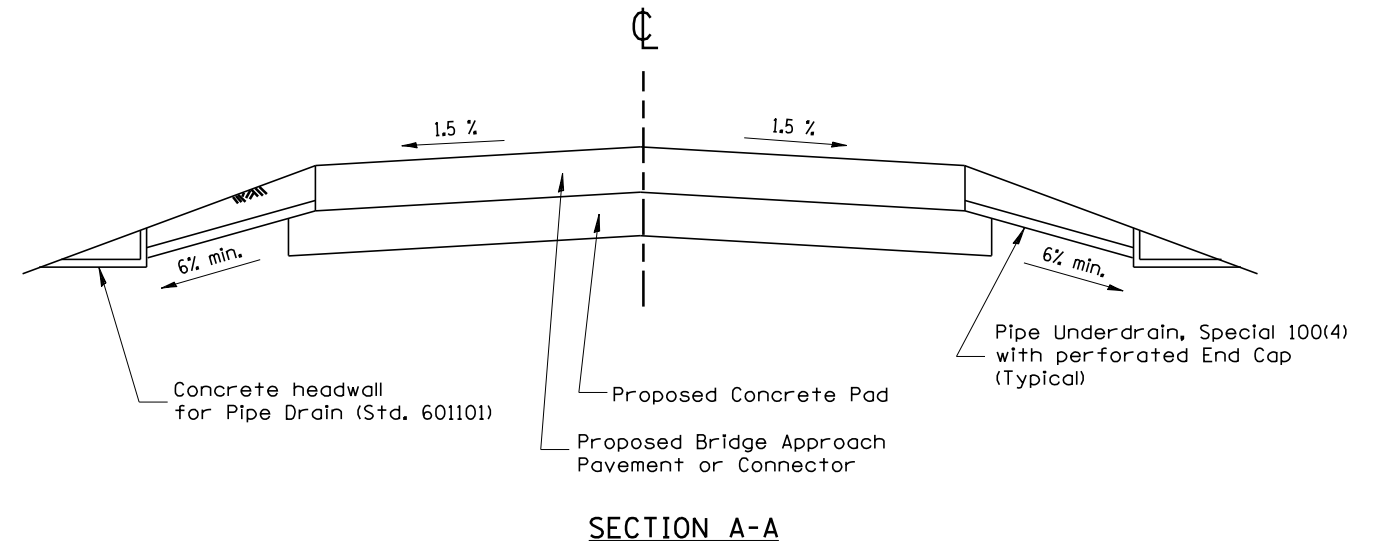
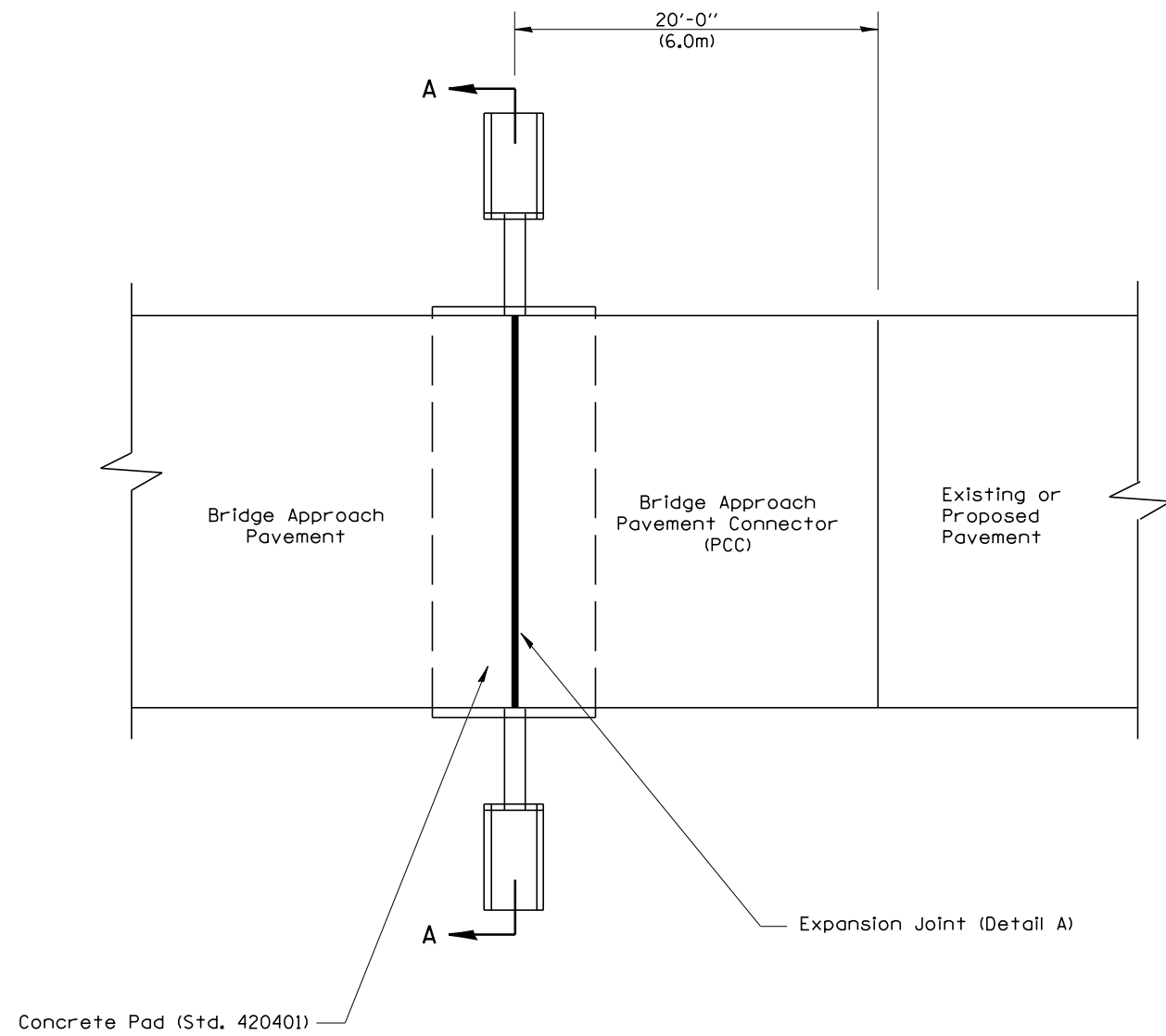


CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				CONTRACT NO. 68620	
								ILLINOIS FED. AID PROJECT	

DESIGNER NOTE:
 1. Include Standards 420001, 601101 and 420401 in plans.



DETAIL A - EXPANSION JOINT

Preformed Expansion Joint Filler shall meet the requirements of Article 1051.08 or 1051.09. The expansion joint shall be constructed in accordance with Expansion Joint Sealing Detail shown on Standard 420001 and as shown herein.

GENERAL NOTES:

1. All work shall be done in accordance with Standard 420401 except as shown herein.
2. The concrete headwalls and pipe underdrain special will be in accordance with Section 601.
3. The bridge approach pavement connector (pcc) shall be constructed similar to section G-G for existing construction rigid pavement as shown standard 420401. Adjacent to PCC base course or pavement deformed bars will be required. Adjacent to bituminous pavement deformed bars will not be required.

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

01-01-97	RENUM. H-6.09, NEW REVISION BOX, NOTES	T.P.							
02-22-97	REVISED SECTION A-A								
03-01-97	CORRECT STD. NO. IN NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

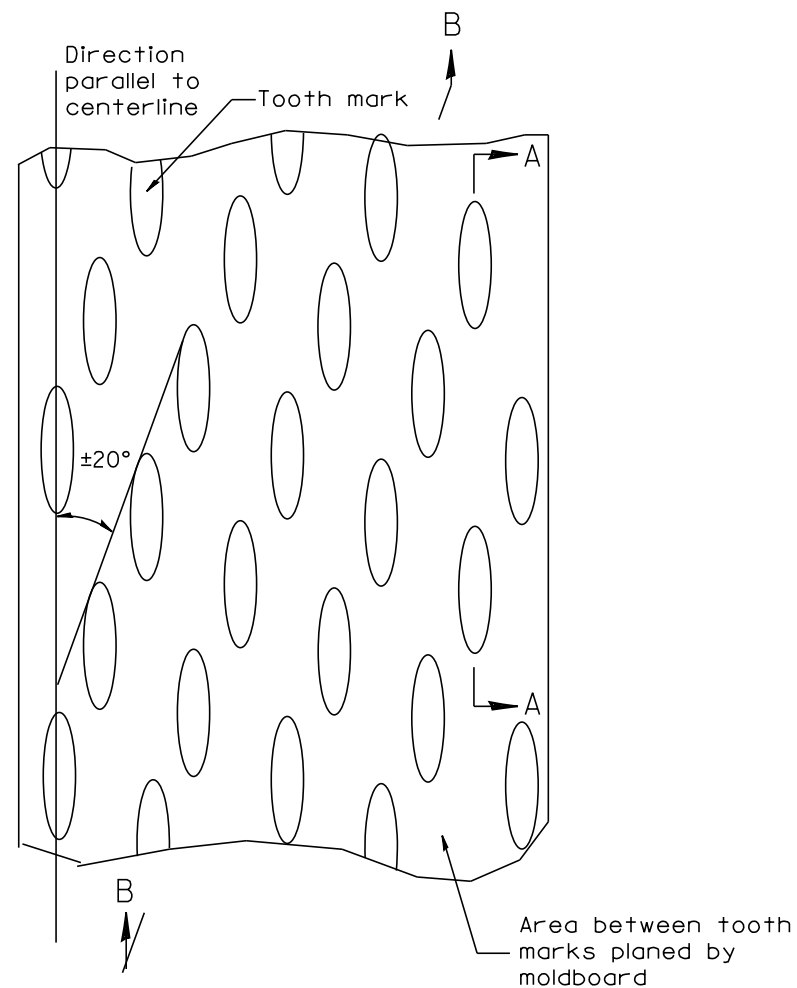
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH DETAIL

NOT TO SCALE

CADD STD. 420401-D4

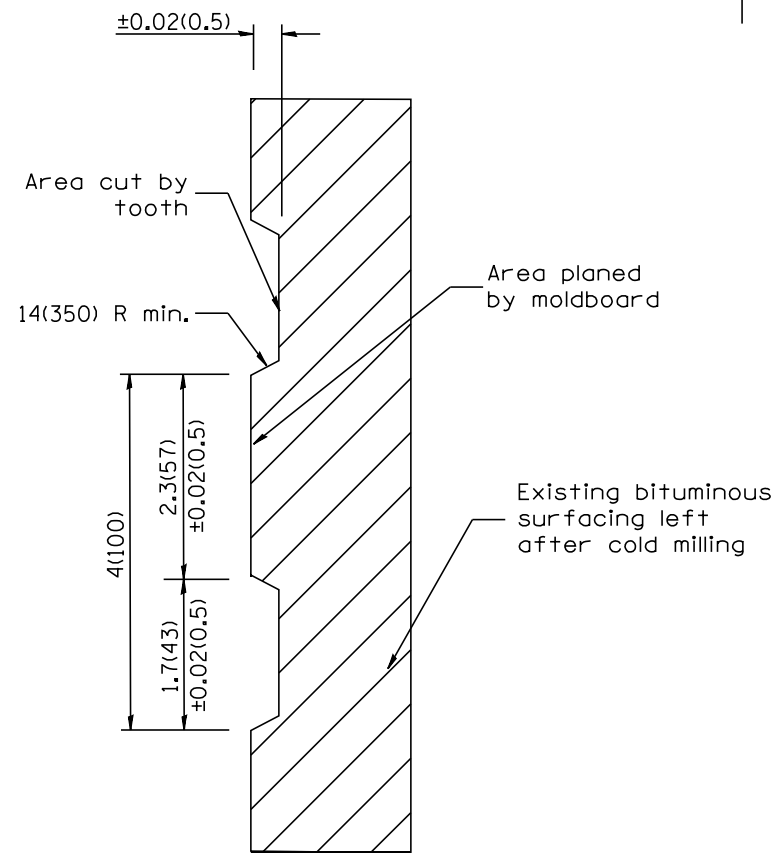
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BRJ		TAZEWELL	2433	2102
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



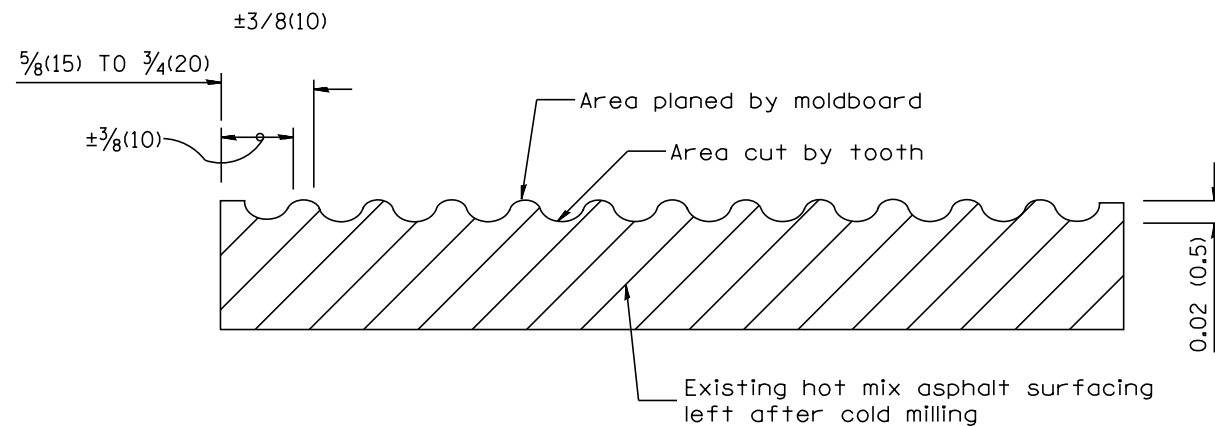
PLAN

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.

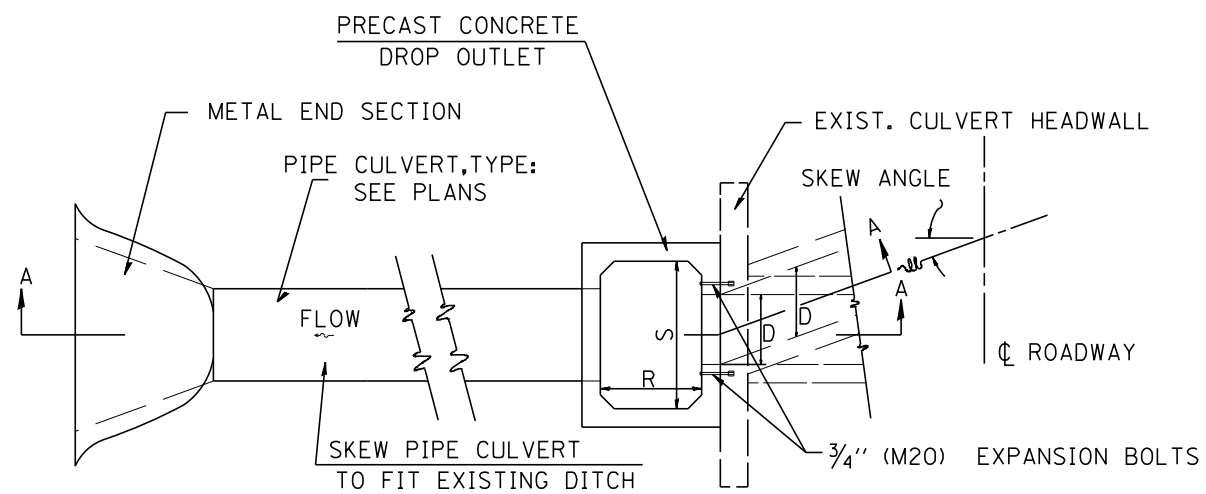
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

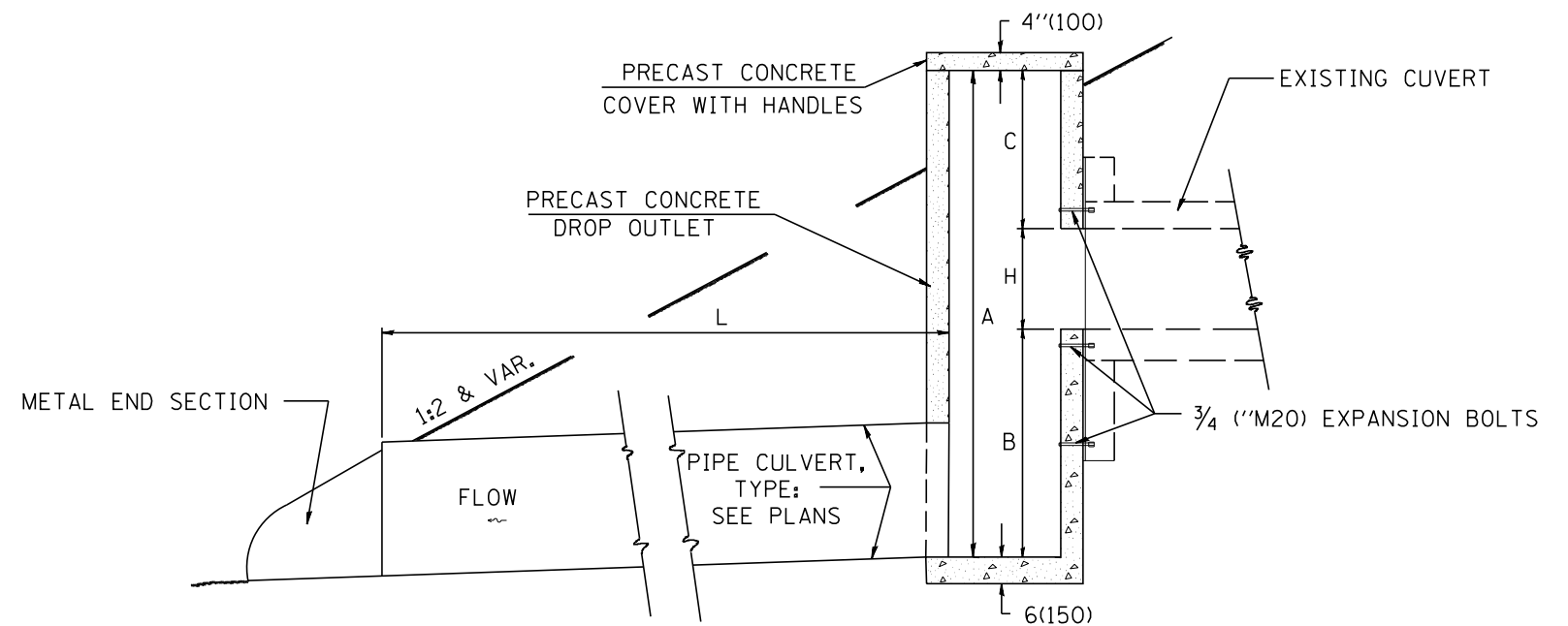
NOT TO SCALE

CADD STD. 440001-D4

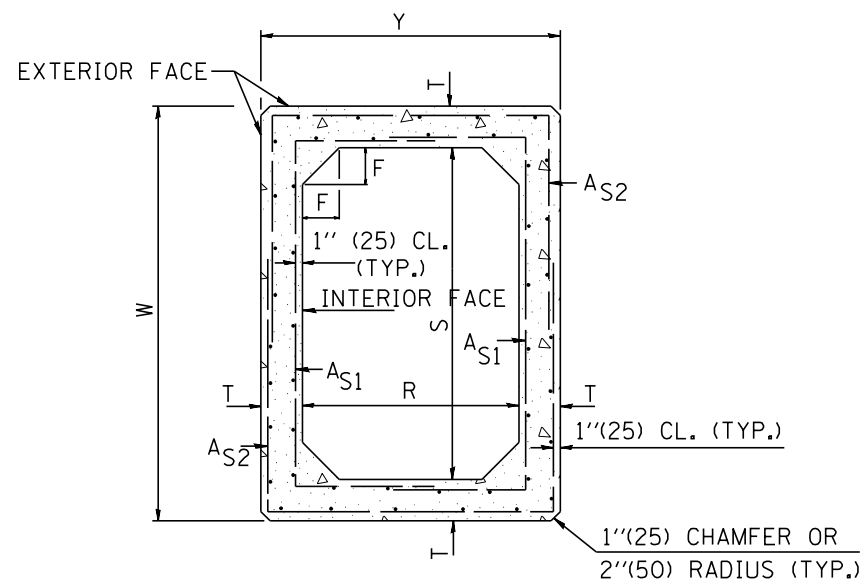
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2103
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



PLAN



SECTION A-A



SECTION THRU DROP OUTLET

DIMENSIONS

S x R ft (mm)	T	W	Y	F	A _{S1}	A _{S2}
3' x 3' (900 x 900)	4" (100)	3'-8" (1.12m)	3'-8" (1.12m)	4" (100)	0.10	0.10
4' x 4' (1200 x 1200)	5" (125)	4'-10" (1.48m)	4'-10" (1.48m)	5" (125)	0.12	0.12

GENERAL NOTES

1. This work shall be performed in accordance with Section 503 of the Standard Specification.
2. The terms AS1 & AS2 denotes the minimum required steel areas for reinforcement as specified in ASTM C 789. Reinforcement shall be welded wire fabric conforming to ASTM Specifications A185.

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.

01-01-97	RENUM. J-11.04, METRICS, NEW REVISION BOX.	T.P.
	REVISED TITLE BOX, ADD DES. NOTE	
01-22-97	CORRECT DIMENSIONS BOX	L.A.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPECIAL DROP OUTLET DETAIL

NOT TO SCALE

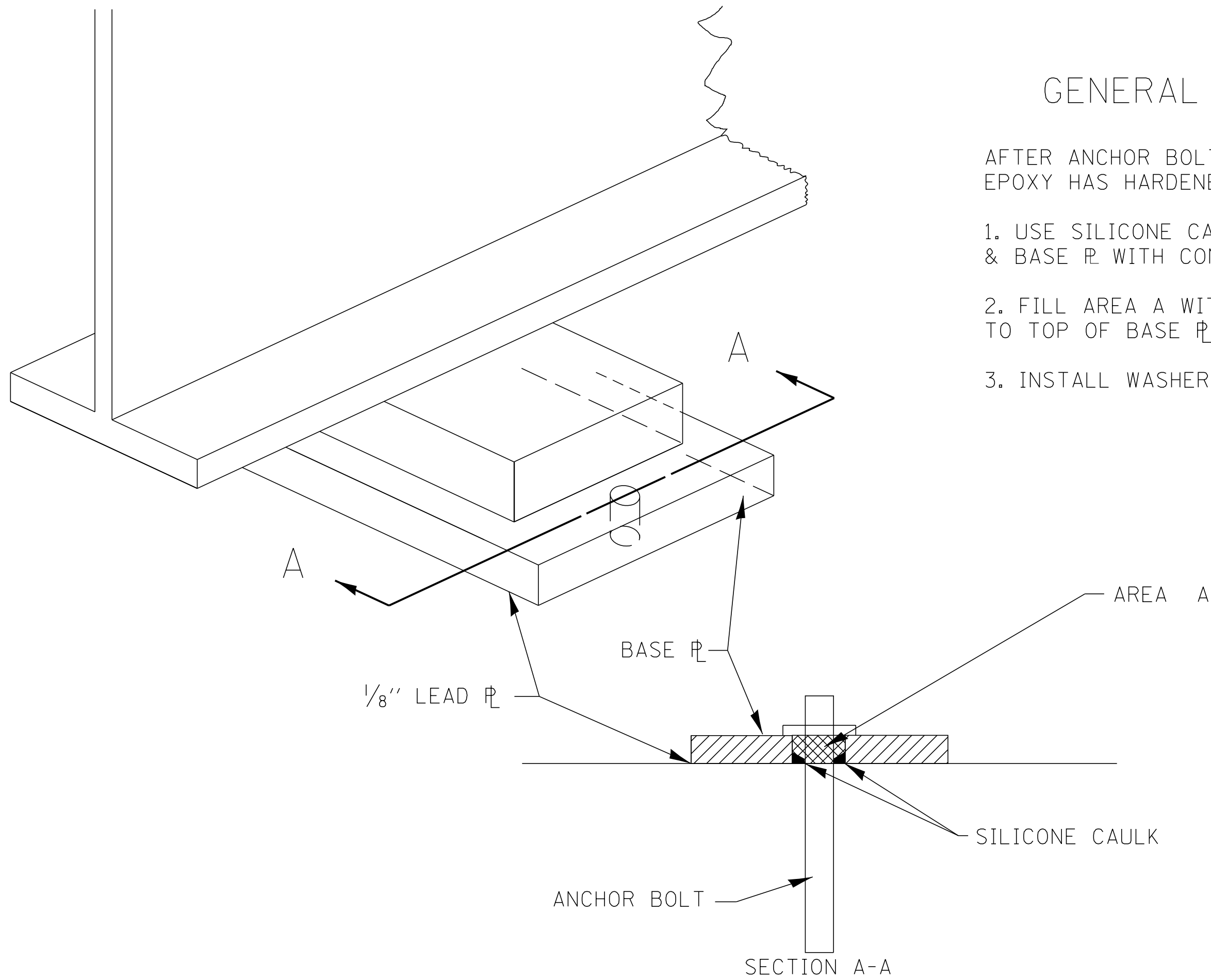
CADD STD. 503101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2104
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

GENERAL NOTES

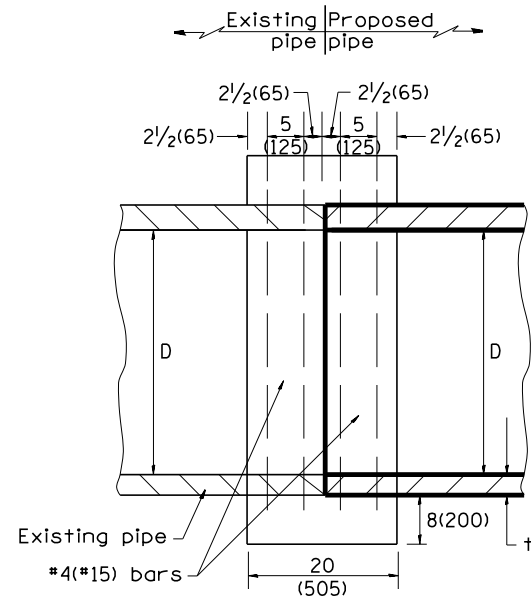
AFTER ANCHOR BOLT IS INSTALLED & EPOXY HAS HARDENED

1. USE SILICONE CAULK TO SEAL LEAD ϕ & BASE ϕ WITH CONCRETE
2. FILL AREA A WITH 2 PART EPOXY, TO TOP OF BASE ϕ
3. INSTALL WASHER & NUT

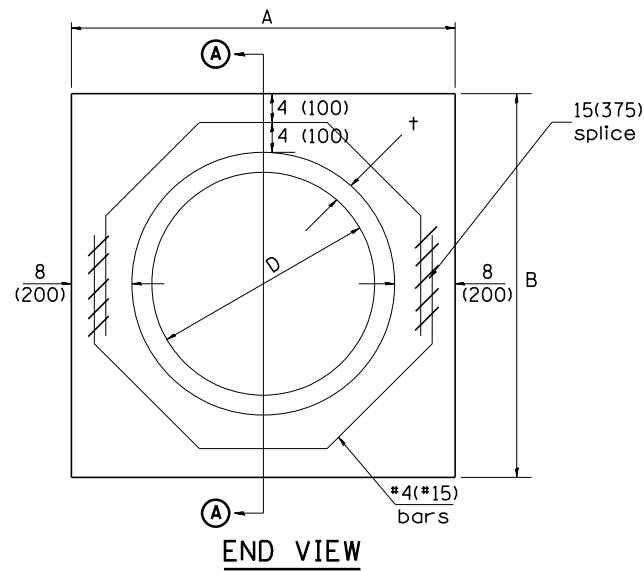


All dimensions are in inches (millimeters) unless otherwise noted.

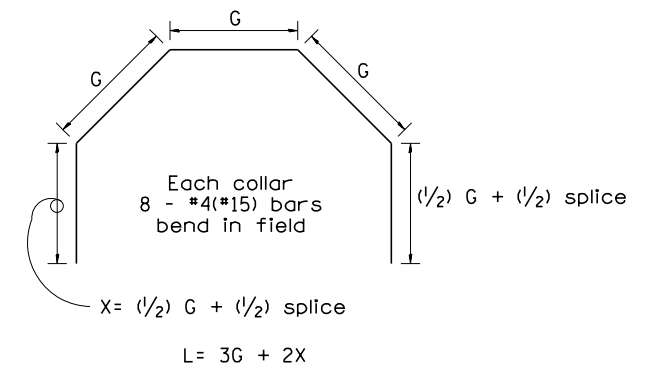
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BEARING PLATE DETAIL			
				NOT TO SCALE		CADD STD. 505001-D4			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
• 90-114R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2105	CONTRACT NO. 68620					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							



SECTION A - A



END VIEW



Each Collar									
					Reinforcement Bars				
D	t	A	B	CL. SI CONC.	G	X	L	Weight	
in (mm)	in (mm)	ft (m)	ft (m)	cu. yd. (m ³)	in (mm)	in (mm)	ft (m)	lb (kg)	
12 (300)	2.00 (51)	2.67 (0.814)	2.67 (0.814)	0.4 (0.270)	9 ¹⁵ / ₁₆ (253)	12 ⁷ / ₁₆ (317)	4.57 (1.393)	24 (11)	
15 (375)	2.25 (57)	2.96 (0.902)	2.96 (0.902)	0.4 (0.315)	11 ³ / ₈ (290)	13 ³ / ₁₆ (335)	5.05 (1.541)	27 (12)	
18 (450)	2.50 (64)	3.25 (0.991)	3.25 (0.991)	0.5 (0.362)	12 ¹³ / ₁₆ (327)	13 ⁷ / ₈ (354)	5.54 (1.689)	30 (14)	
21 (525)	2.75 (70)	3.54 (1.079)	3.54 (1.079)	0.5 (0.411)	14 ¹ / ₄ (364)	14 ⁵ / ₈ (372)	6.02 (1.836)	32 (15)	
24 (600)	3.00 (76)	3.83 (1.167)	3.84 (1.167)	0.6 (0.460)	15 ¹¹ / ₁₆ (401)	15 ⁵ / ₁₆ (391)	6.51 (1.984)	35 (16)	
27 (675)	3.25 (83)	4.13 (1.259)	4.13 (1.259)	0.7 (0.516)	17 ¹ / ₄ (438)	16 ¹ / ₁₆ (409)	6.99 (2.131)	37 (17)	
30 (750)	3.50 (89)	4.42 (1.347)	4.42 (1.347)	0.7 (0.570)	18 ¹¹ / ₁₆ (475)	16 ³ / ₄ (428)	7.48 (2.279)	40 (18)	
33 (825)	3.75 (95)	4.71 (1.436)	4.71 (1.436)	0.8 (0.624)	20 ¹ / ₈ (512)	17 ¹ / ₂ (446)	7.96 (2.426)	43 (19)	
36 (900)	4.00 (102)	5.00 (1.524)	5.00 (1.524)	0.9 (0.682)	21 ⁹ / ₁₆ (549)	18 ³ / ₁₆ (465)	8.44 (2.574)	45 (20)	
42 (1050)	4.50 (114)	5.58 (1.701)	5.58 (1.701)	1.0 (.800)	24 ⁷ / ₁₆ (622)	19 ³ / ₄ (501)	9.41 (2.869)	50 (23)	
48 (1200)	5.00 (127)	6.17 (1.881)	6.17 (1.881)	1.2 (0.930)	27 ⁵ / ₁₆ (696)	21 ³ / ₁₆ (538)	10.38 (3.164)	55 (25)	

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

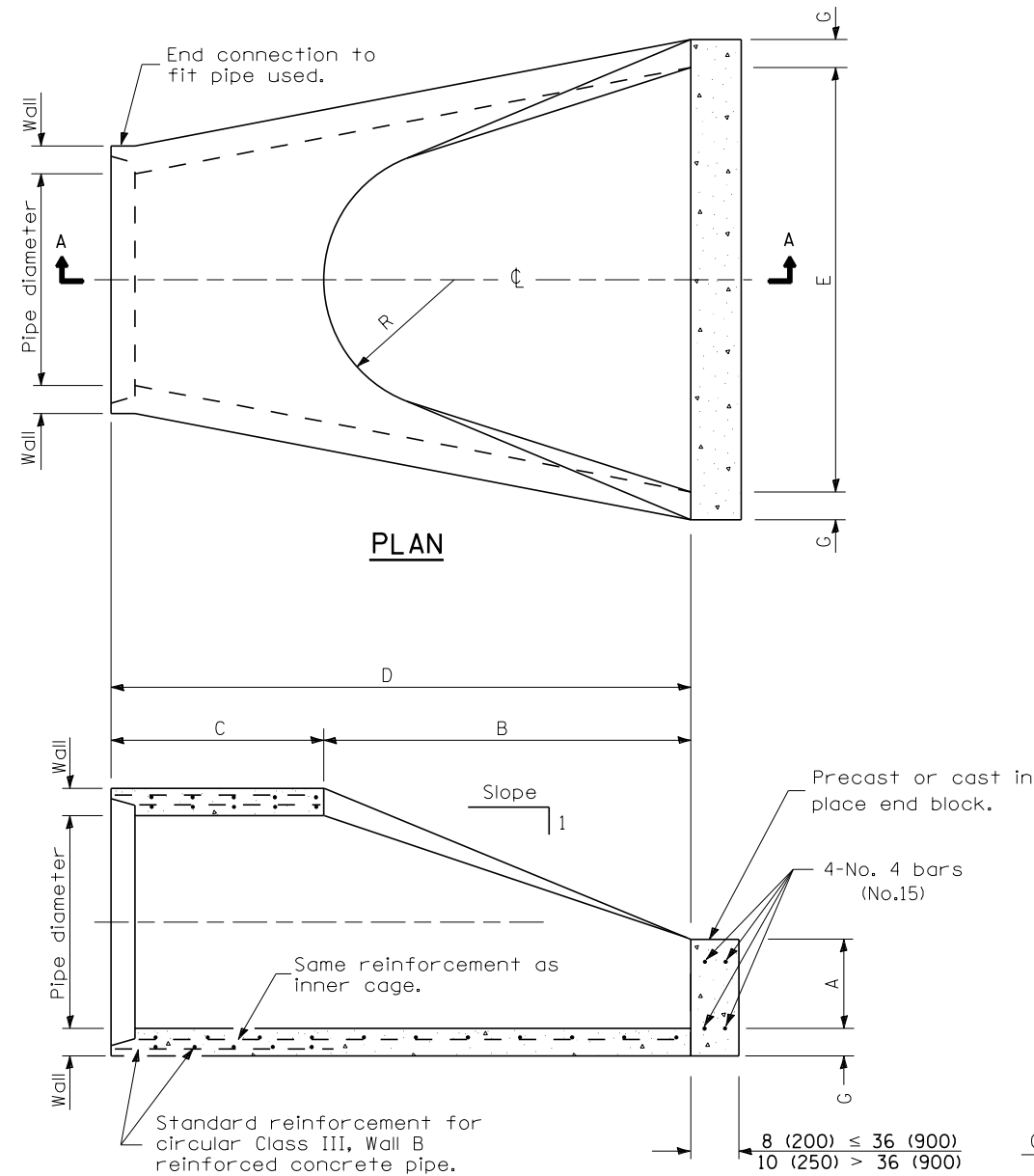
QUANTITIES	
CALC. BY: R. J. D.	2-2-98
CHECKED BY: R. D. H.	2-6-98
	DATE:

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

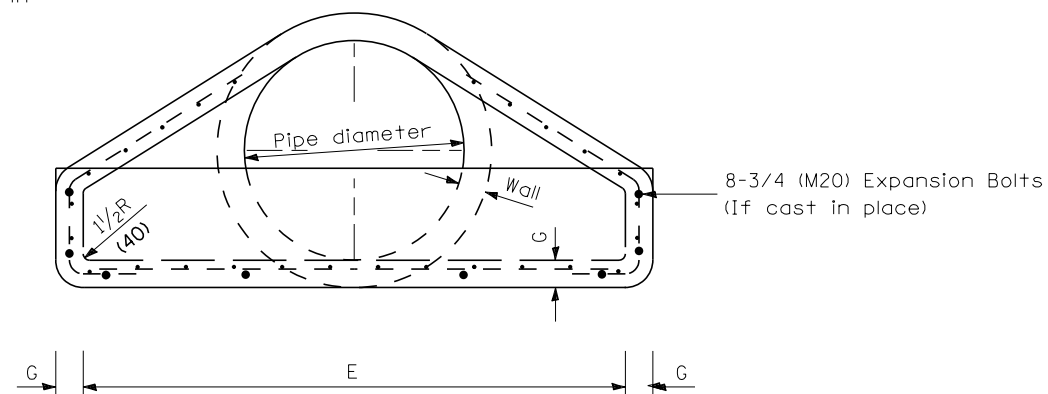
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-8.03, NEW REVISION BOX, REVISED	T.P.	09-01-00	CORRECT WEIGHT	J.A.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)	F.A.I. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-01-97	TITLE BOX, ADDED QUANTITY CALCULATION BOX	J.A.	10-16-06	REV. TO 2007 SPEC., CORRECT mm UNITS	M.A.			90-[14Rz(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2106	
02-10-98	CORRECT BAR	J.A.						CONTRACT NO. 68620				

NOT TO SCALE CADD STD. 542016-D4



SECTION A-A



END VIEW

PIPE DIA.	APPROX. QTY. lbs (kg)	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (300)	530 (240)	2 (51)	4 (102)	24 (610)	4'-0 7/8" (1.241 m)	6'-0 7/8" (1.851 m)	24 (610)	2 (51)	9 (229)	1:2.4
15 (375)	740 (335)	2 1/4 (57)	6 (152)	27 (686)	3'-10" (1.168 m)	6'-1" (1.854 m)	30 (762)	2 1/4 (57)	11 (280)	1:2.4
18 (450)	990 (450)	2 1/2 (64)	9 (229)	27 (686)	3'-10" (1.168 m)	6'-1" (1.854 m)	36 (914)	2 1/2 (64)	12 (305)	1:2.4
21 (525)	1280 (580)	2 3/4 (70)	9 (229)	35 (889)	3'-10" (1.168 m)	6'-1" (1.854 m)	38 (965)	2 3/4 (70)	13 (330)	1:2.4
24 (600)	1520 (690)	3 (76)	9 1/2 (241)	3'-7 1/2" (1.105 m)	30 (762)	6'-1 1/2" (1.867 m)	4'-0" (1.219 m)	3 (76)	14 (356)	1:2.5
27 (675)	1930 (875)	3 1/4 (83)	10 1/2 (267)	4'-0" (1.219 m)	25 1/2 (648)	6'-1 1/2" (1.867 m)	4'-6" (1.372 m)	3 1/4 (83)	14 1/2 (368)	1:2.4
30 (750)	2190 (995)	3 1/2 (89)	12 (305)	4'-6" (1.375 m)	19 3/4 (502)	6'-1 3/4" (1.874 m)	5'-0" (1.524 m)	3 1/2 (89)	15 (381)	1:2.5
33 (825)	3200 (1450)	3 3/4 (95)	13 1/2 (343)	4'-10 1/2" (1.486 m)	39 1/4 (997)	8'-1 3/4" (2.483 m)	5'-6" (1.676 m)	3 3/4 (95)	17 1/2 (445)	1:2.5
36 (900)	4100 (1860)	4 (102)	15 (381)	5'-3" (1.6 m)	34 3/4 (883)	8'-1 3/4" (2.483 m)	6'-0" (1.829 m)	4 (102)	20 (508)	1:2.5
42 (1050)	5380 (2440)	4 1/2 (114)	21 (533)	5'-3" (1.6 m)	35 (889)	8'-2" (2.489 m)	6'-6" (1.981 m)	4 1/2 (114)	22 (559)	1:2.5
48 (1200)	6550 (2970)	5 (127)	24 (610)	6'-0" (1.829 m)	26 (660)	8'-2" (2.489 m)	7'-0" (2.134 m)	5 (127)	22 (559)	1:2.5
54 (1350)	8240 (3740)	5 1/2 (140)	27 (686)	5'-5" (1.651 m)	35 (889)	8'-4" (2.54 m)	7'-6" (2.286 m)	5 1/2 (140)	24 (610)	1:2.0
60 (1500)	8730 (3960)	6 (152)	35 (889)	5'-0" (1.524 m)	39 (991)	8'-3" (2.515 m)	8'-0" (2.438 m)	5 (127)	*	1:1.9
66 (1650)	10710 (4860)	6 1/2 (165)	30 (762)	6'-0" (1.829 m)	27 (686)	8'-3" (2.515 m)	8'-6" (2.591 m)	5 1/2 (140)	*	1:1.7
72 (1800)	12520 (5680)	7 (178)	36 (914)	6'-6" (1.981 m)	21 (533)	8'-3" (2.514 m)	9'-0" (2.743 m)	6 (152)	*	1:1.8
78 (1950)	14770 (6700)	7 1/2 (191)	36 (914)	7'-6" (2.286 m)	21 (533)	9'-3" (2.819 m)	9'-6" (2.896 m)	6 1/2 (165)	*	1:1.8
84 (2100)	18160 (8240)	8 (203)	36 (914)	7'-6 1/2" (2.299 m)	21 (533)	9'-3 1/2" (2.832 m)	10'-0" (3.048 m)	6 1/2 (165)	*	1:1.6

* Radius as furnished by manufacturer

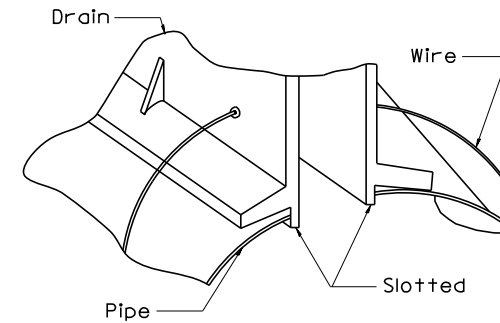
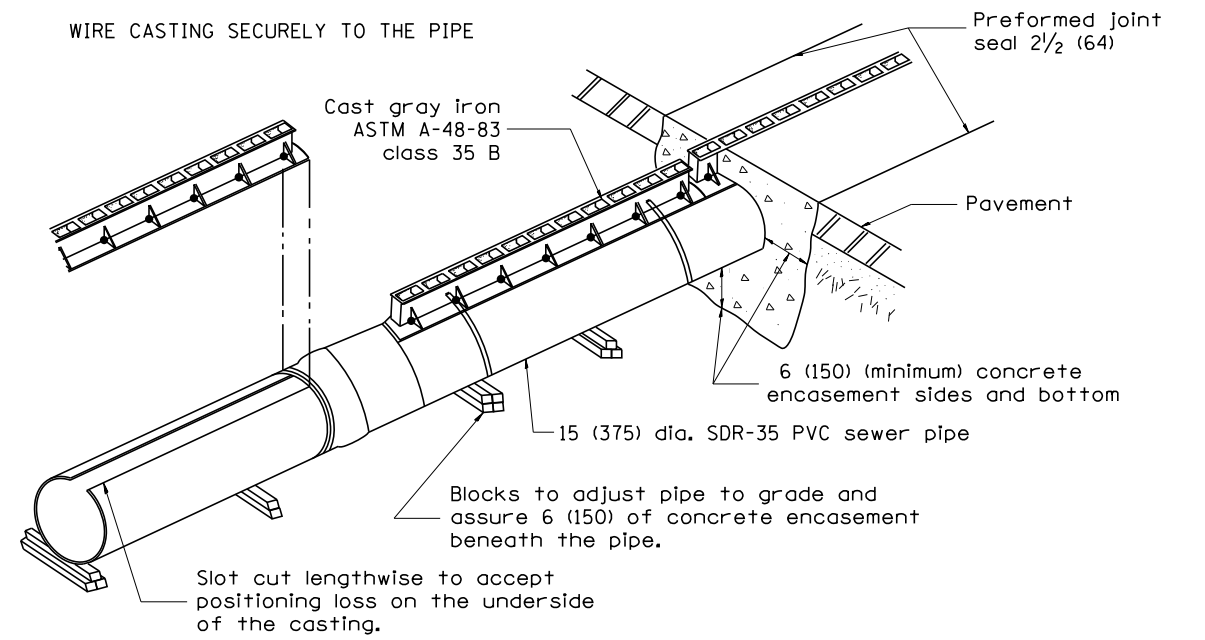
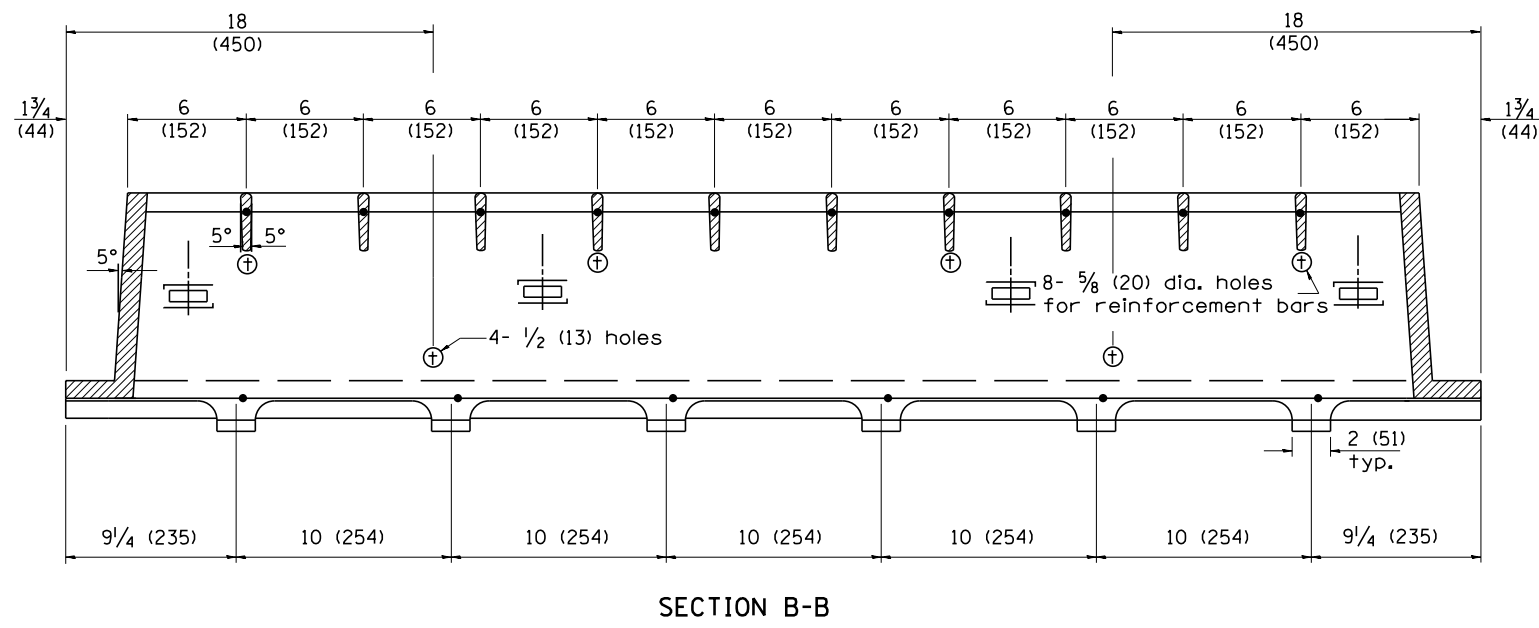
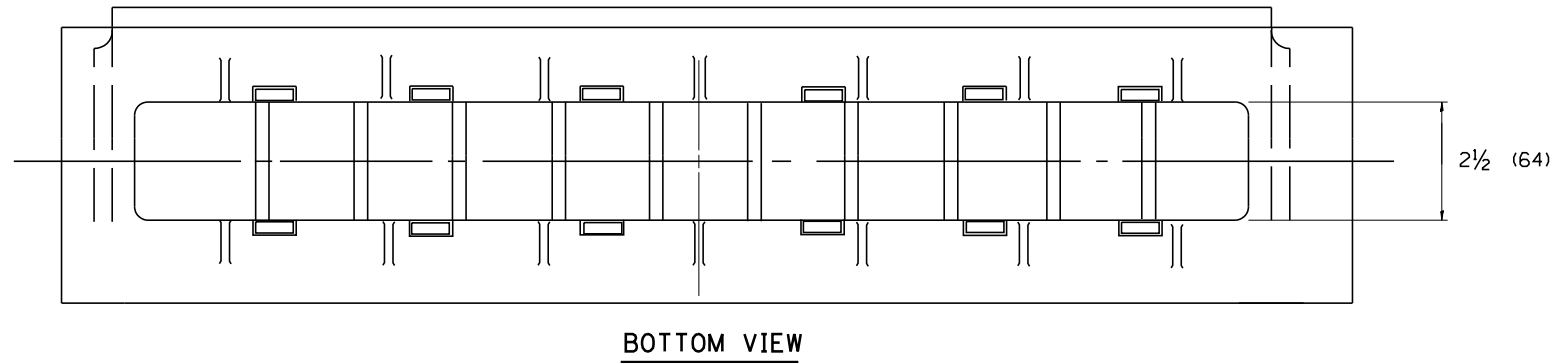
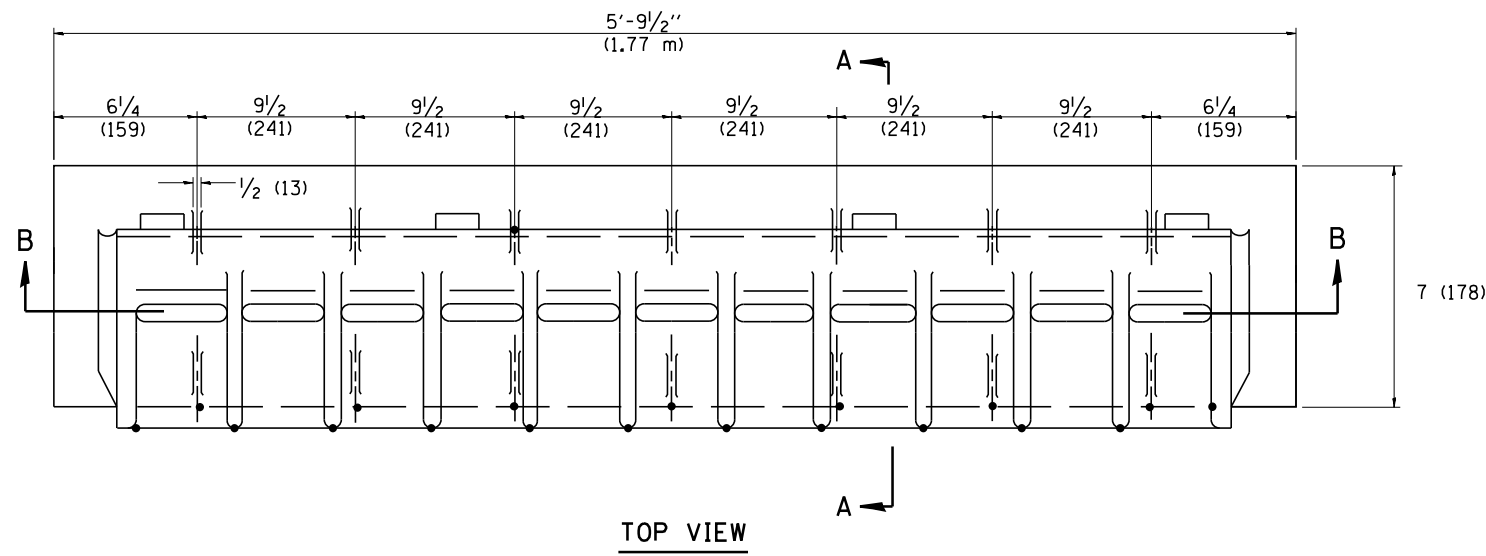
GENERAL NOTES

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

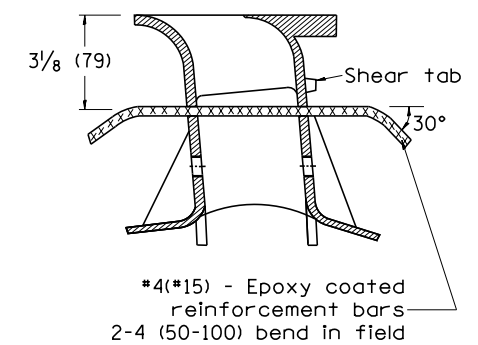
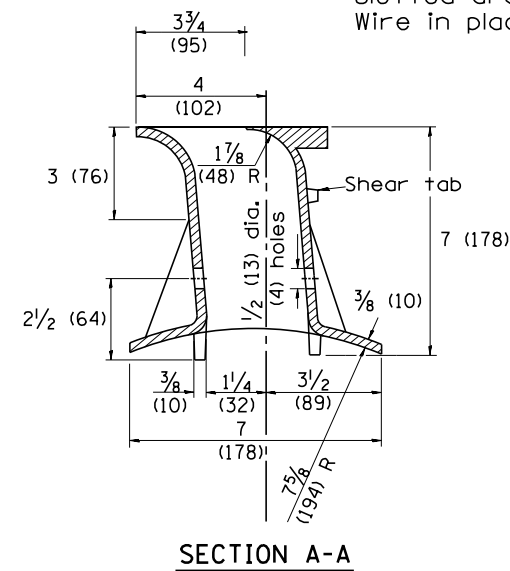
All dimensions are in inches (millimeters) unless otherwise noted.

10-16-06	REVISED TO 2007 SPEC.	M.A.								
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						PRECAST REINFORCED CONCRETE FLARED DROP BOX END SECTION			TOTAL SHEETS 2433 SHEET NO. 2107	
						NOT TO SCALE			CADD STD. 542301-D4	
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

Designer Notes:
 1. This drawing is based upon a 1985 Neenah drawing (New Products D -0002). Contact Neenah for new shop drawing prior to inclusion in plans.



NOTE:
Saw slot in pipe. Insert slotted drain in pipe. Wire in place.



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

01-01-97	RENUM. B-4.10, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

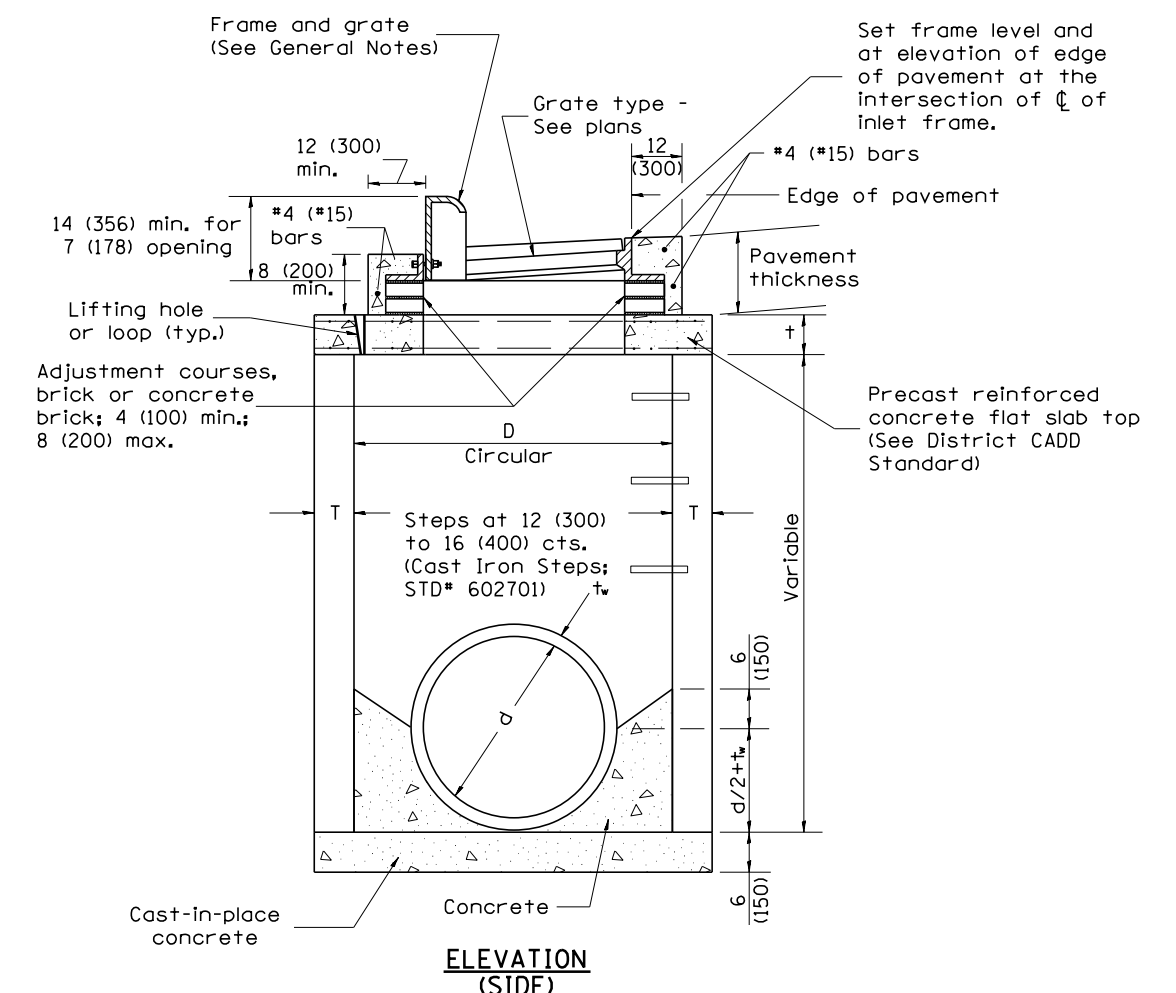
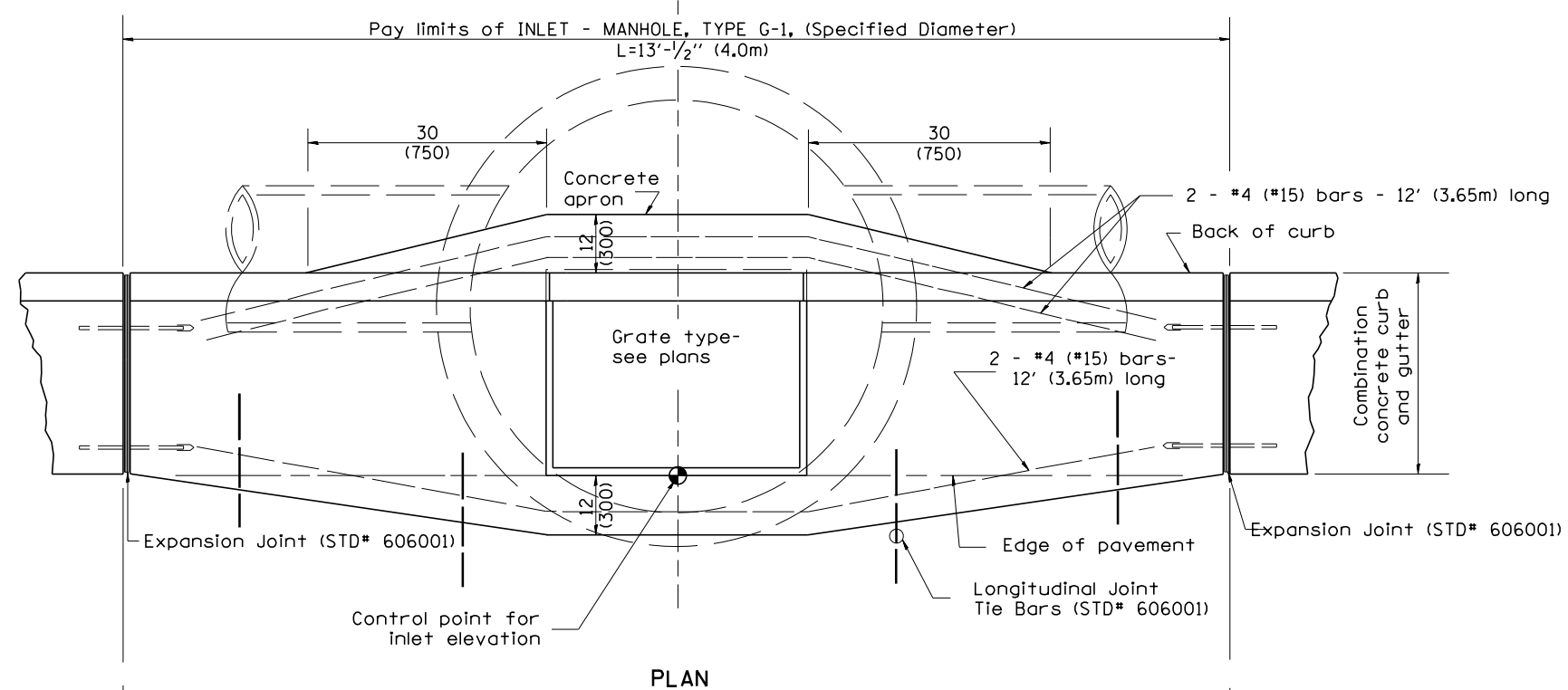
NOT TO SCALE

SLOTTED VANE DRAIN

CADD ST. 601701-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 90-[14R]([14HB-4,14,14HVB]BR)		TAZEWELL	2433	2109
CONTRACT NO. 68620				
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 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.

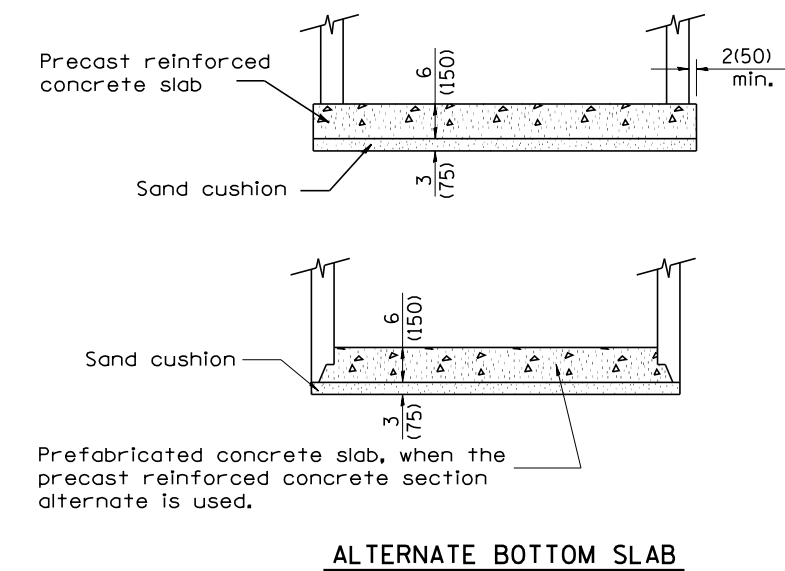
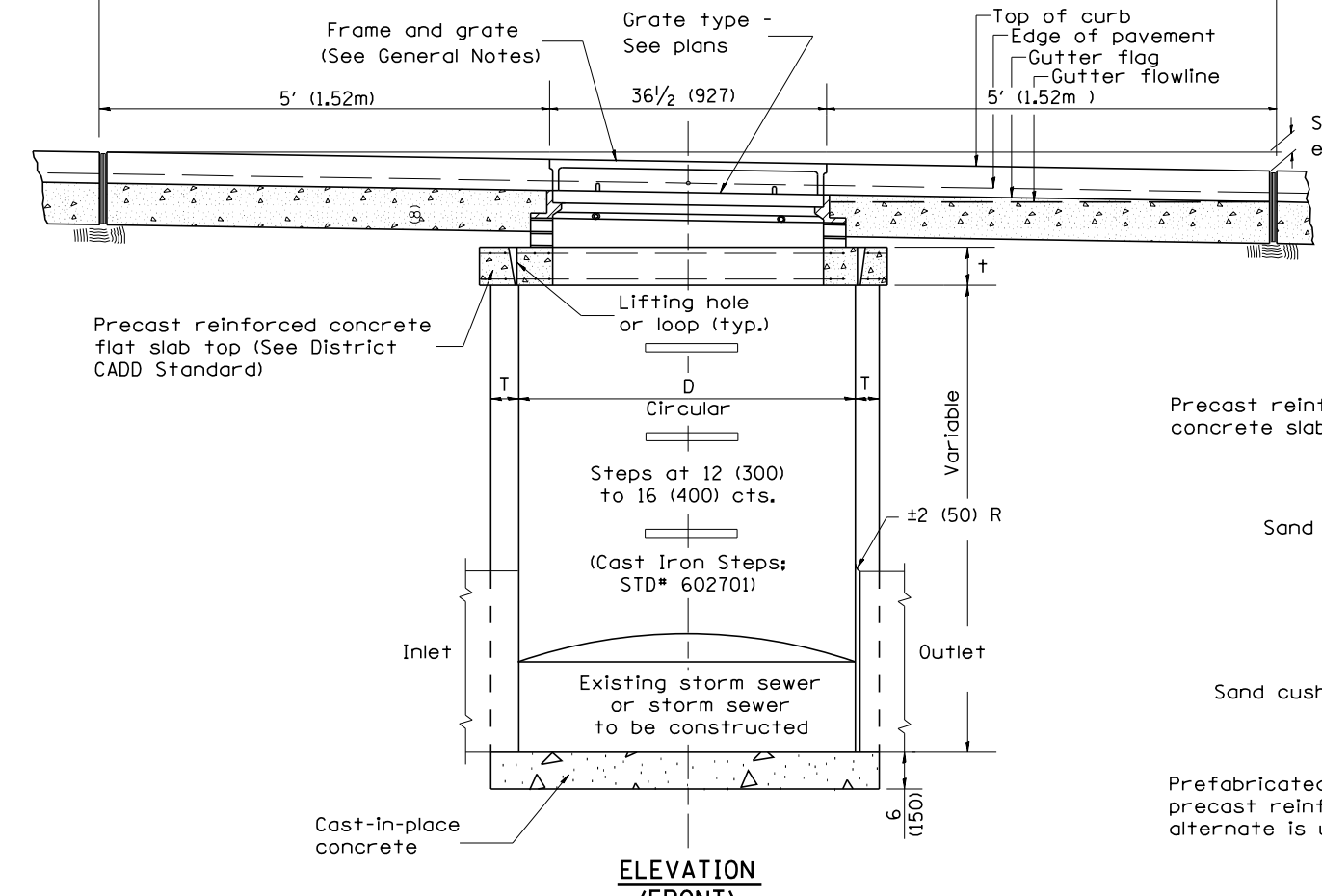


TABLE

D	T	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)

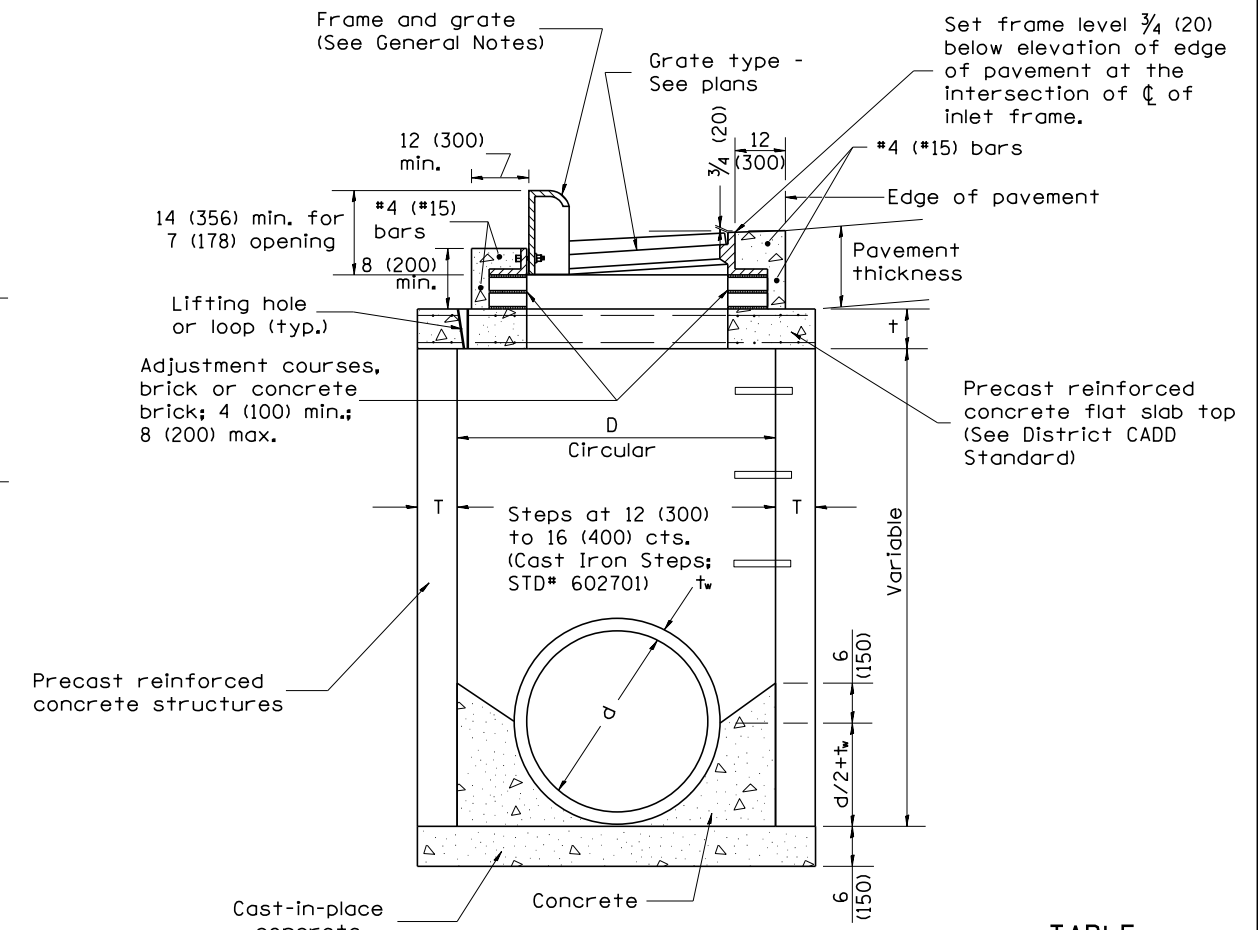
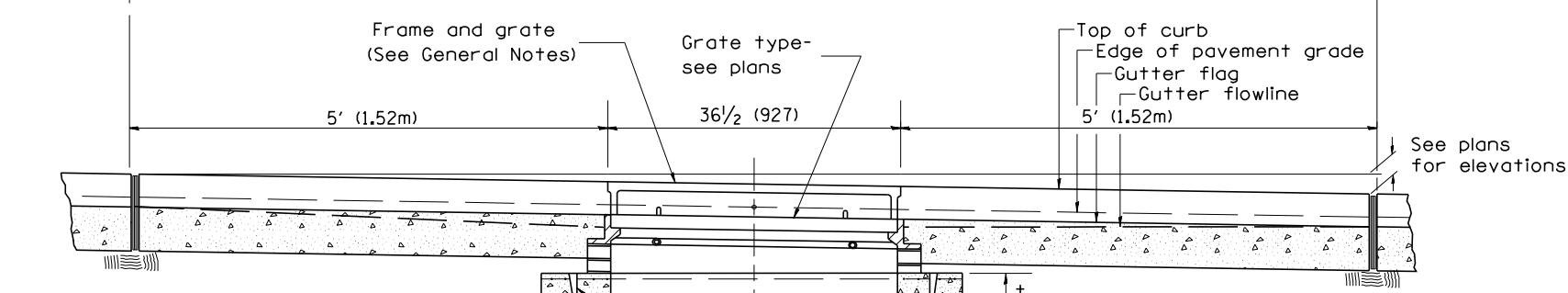
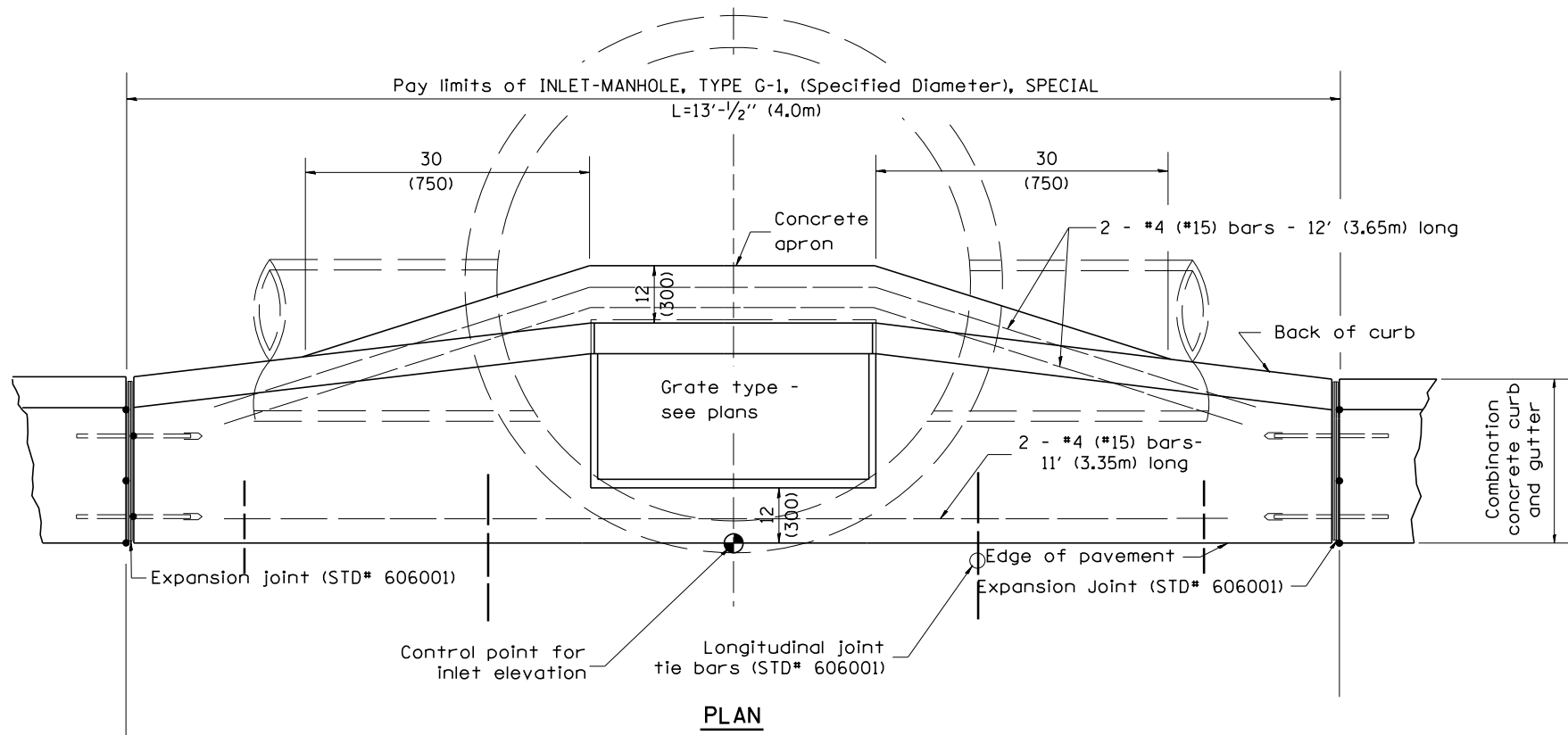
GENERAL NOTES

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.



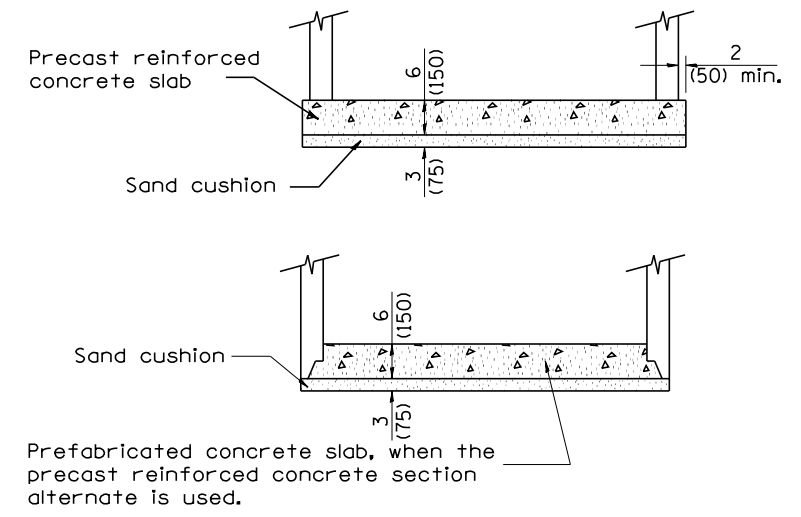
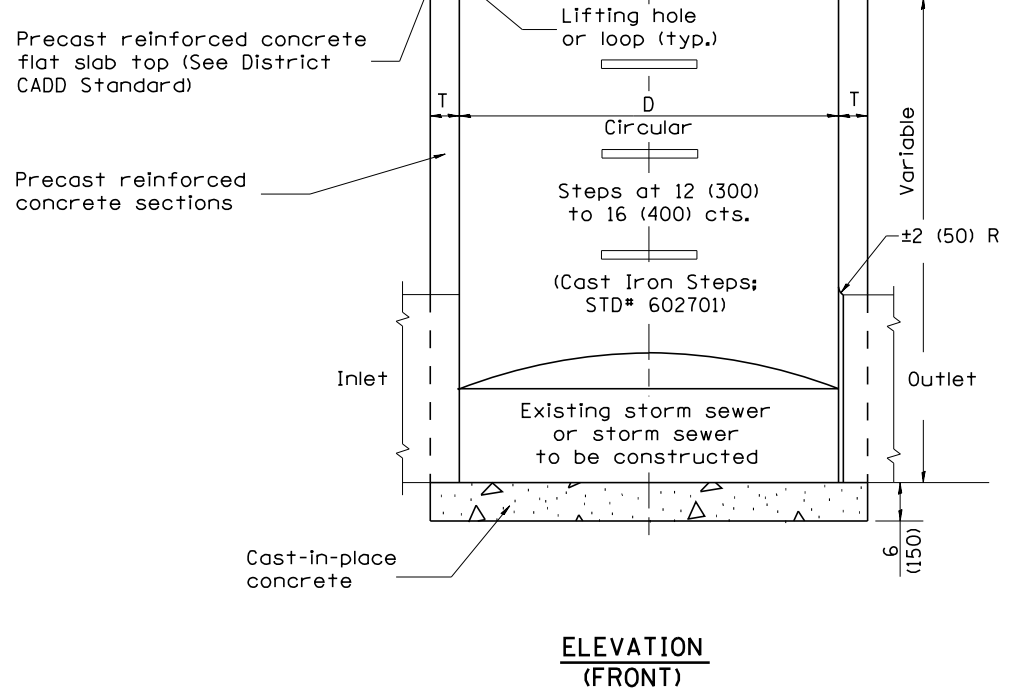
DESIGNER NOTES:

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.

DATE	REVISION	BY	CHECKED	APP. NO.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-01-97	RENUM. B-4.06, NEW REVISION BOX	T.P.							
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**

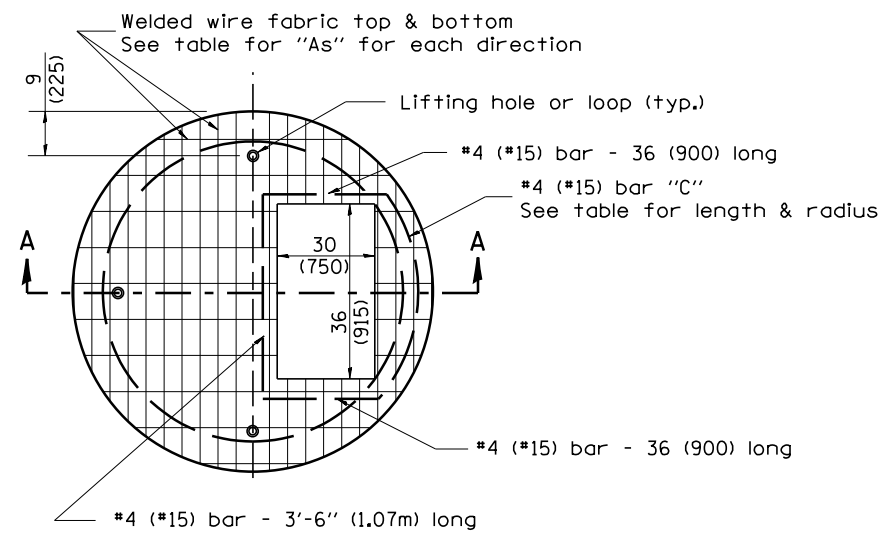
INLET-MANHOLE, TYPE G-1, SPECIAL

NOT TO SCALE

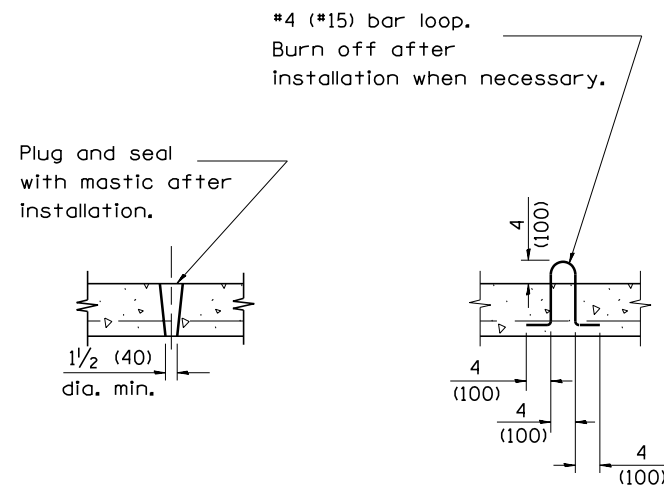
CADD STD. 602026-D4

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
90-114R(14HB-4,14,14HB)BR	TAZEWELL
	CONTRACT NO.
	2433
	2112

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

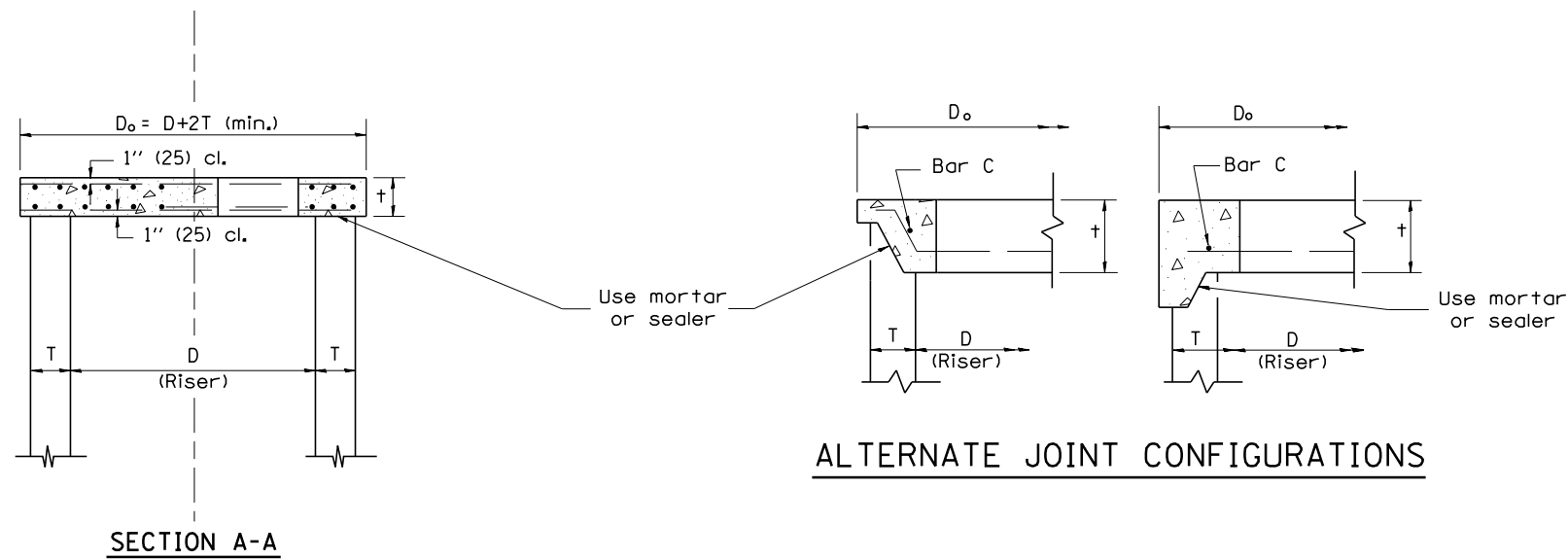
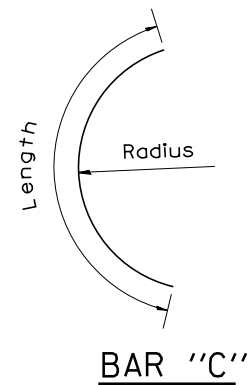


LIFTING HOLE OR LIFTING LOOP
 TYPICAL

(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")

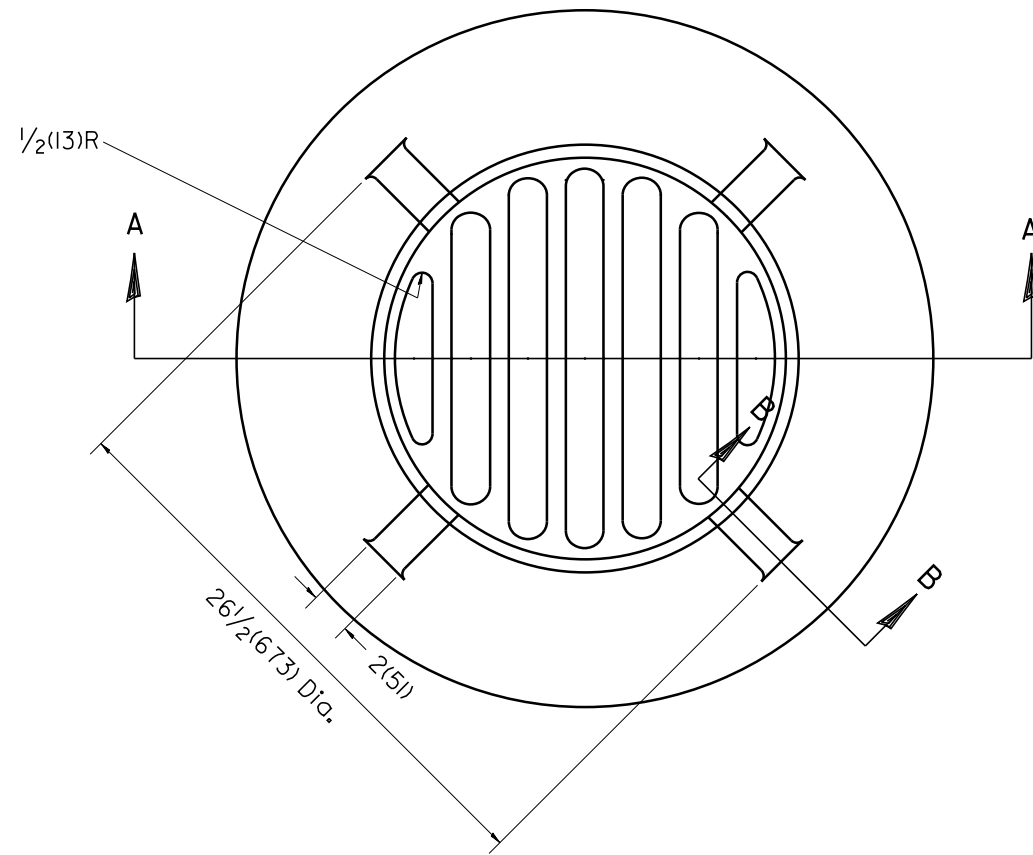


GENERAL NOTES

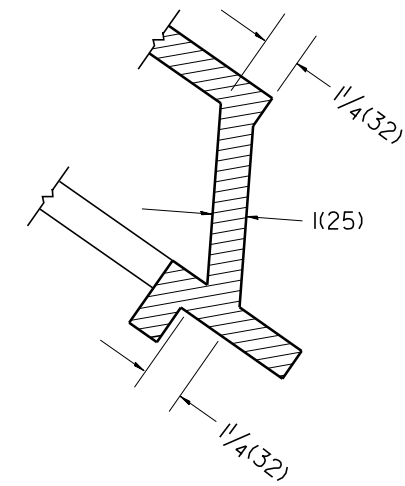
1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

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

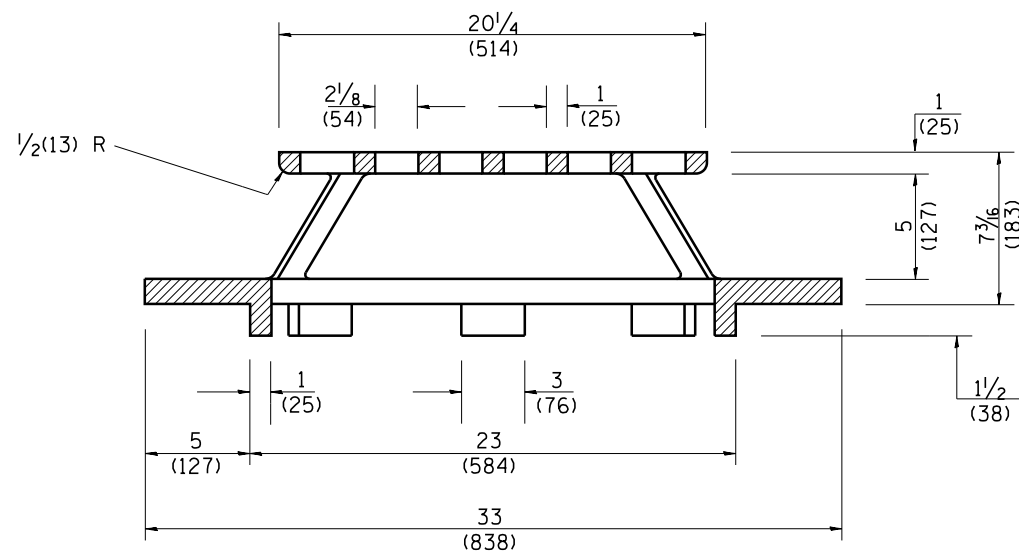
01-01-97	RENUM. B-4.07, NEW REVISION BOX	T.P.			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-16-06	REVISED TO 2007 SPEC.	M.A.					90-[14R]([4HB-4,14,14HVB]BR)	TAZEWELL	2433	2113	
						NOT TO SCALE	CADD STD. 602101-D4		CONTRACT NO.		
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



PLAN



SECTION B - B



SECTION A - A

GENERAL NOTES

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

DESIGNER NOTE:
1. INCLUDE DISTRICT SPECIAL PROVISION.

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

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

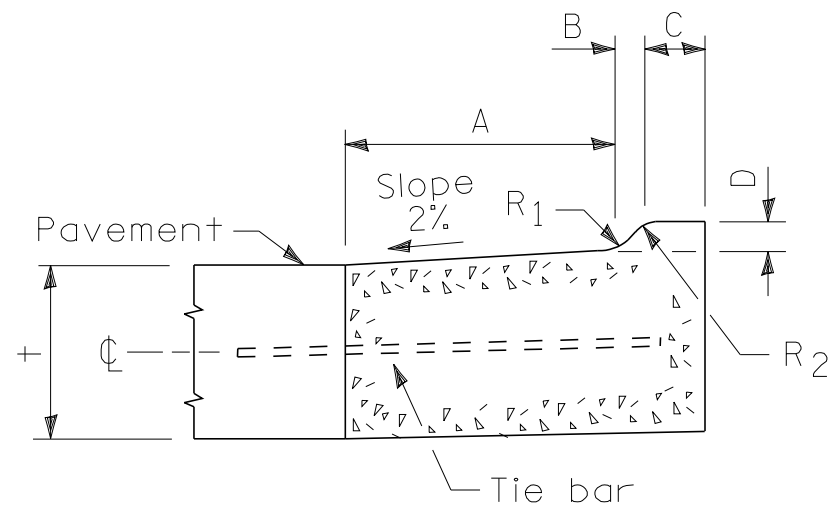
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPE 37 GRATE

NOT TO SCALE

CADD STD. 604301-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 90-[14R]14HB-4,14,14HVB[BR]		TAZEWELL	2433	2115
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



M-2.06(M-5.15) and M-2.12 (M-5.30)

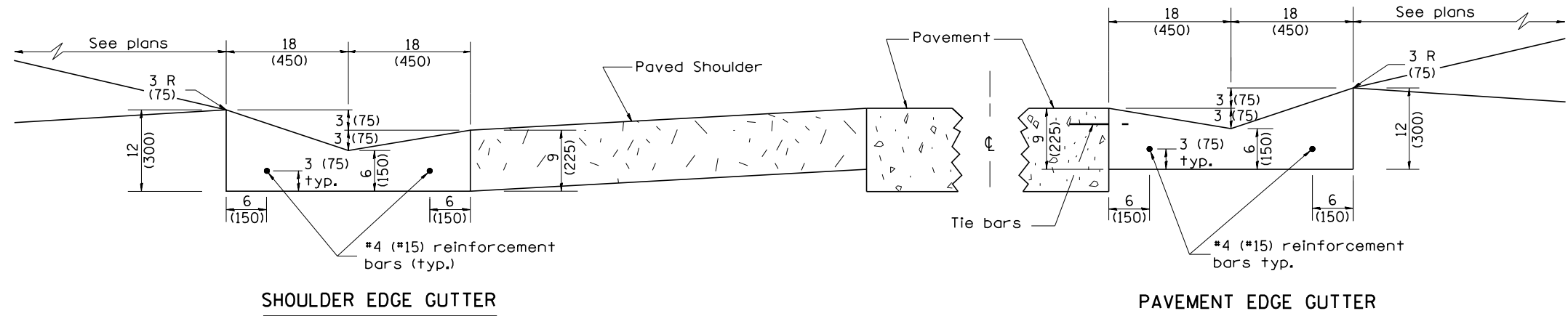
TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R ₁	R ₂
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)

t = Thickness of pavement.

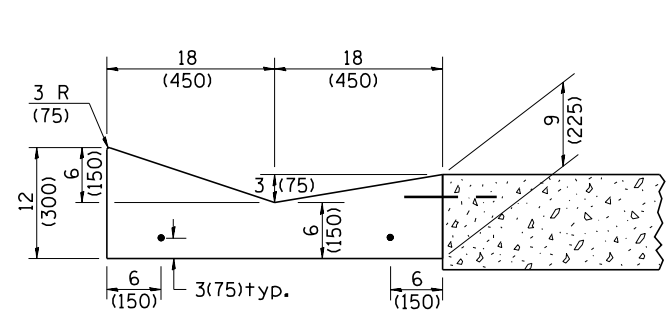
Note: This special detail of M-2.06 (M-5.15) and M-2.12 (M-5.30) shall replace the detail shown on State Standard 606001.

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

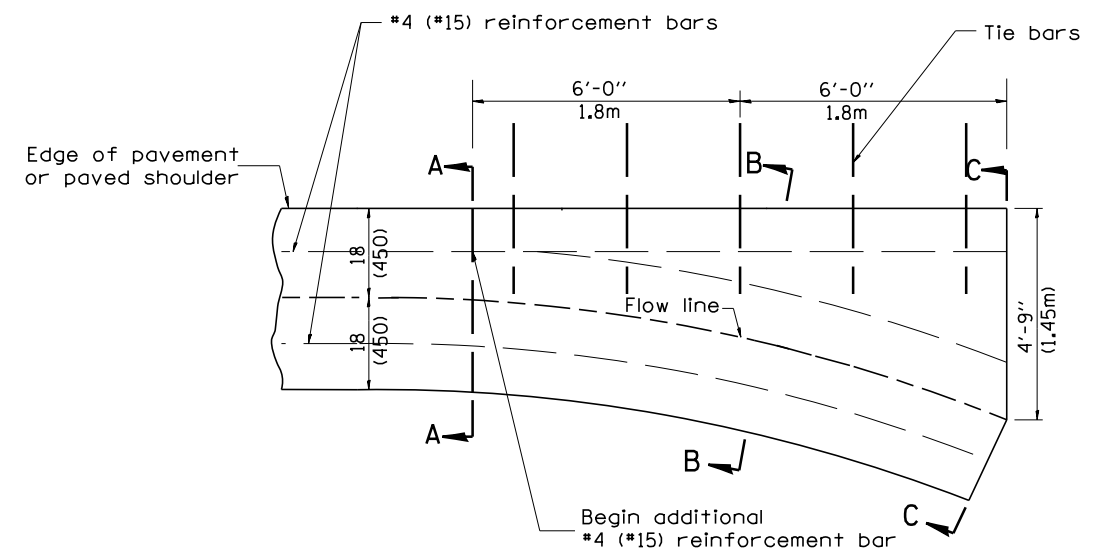
03-01-97	NEW DETAIL	J.A.																	
10-16-06	REVISED TO 2007 SPEC.	M.A.																	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										SPECIAL DETAIL OF M-2.06 (M-5.15) AND M-2.12 (M-5.30) CURB				NOT TO SCALE		CADD STD. 606002-D4		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 90-[14R]14HB-4,14,14HVB[BR] TAZEWELL 2433 2116 CONTRACT NO. 68620	
										FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



CONCRETE GUTTER, TYPE A, (SPECIAL)

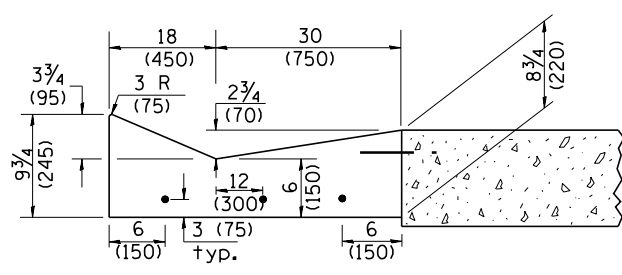


SECTION A-A

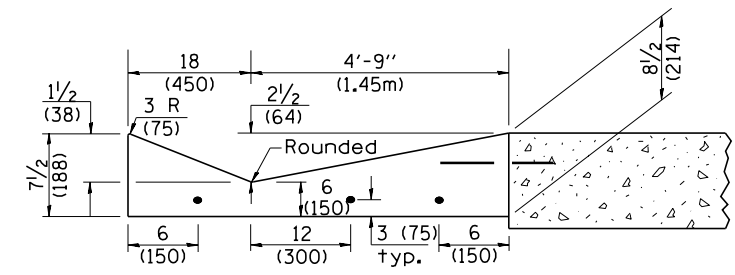


PLAN

QUANTITY
Section C-C to A-A= 1.2 cu. yd.
(0.92 m³) concrete.



SECTION B-B



SECTION C-C

INLET

GENERAL NOTES:

1. CONCRETE GUTTER, TYPE A, (SPECIAL) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 6 (No. 20) at 24" (600mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).

DESIGNER NOTES:
1. INCLUDE STATE STANDARD 420001.
2. PAY ITEM FOR INLETS, OUTLETS, AND ENTRANCES IS X6060097 CLASS SI CONCRETE (OUTLET), SPECIAL

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

NO.	DATE	DESCRIPTION	BY
01-01-97		RENUM. A-1.02, NEW REVISION BOX, ELIMINATED	T.P.
11-16-07		EXPANSION ANCHOR TIES	M.A.
02-28-02		ENTRANCE TYPICALS REVISED	M.A.
10-16-06		REVISED TO 2007 SPEC.	M.A.
01-10-07		REVISED QUANTITY	M.A.
11-16-07		REVISED QUANTITY	M.A.
02-15-11		CHANGED MODIFIED TO SPECIAL	R.D.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

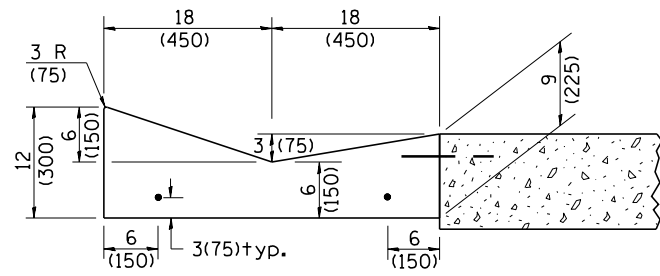
**CONCRETE GUTTER, TYPE A, (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

NOT TO SCALE

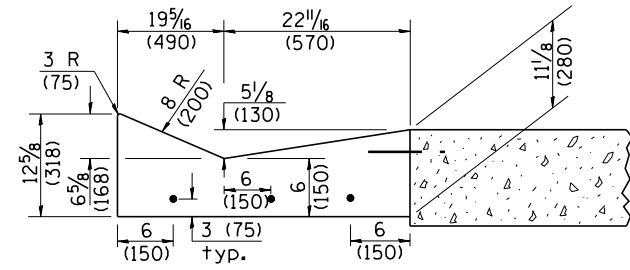
SHT. 1 OF 3
CADD STD. 606101-D4

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

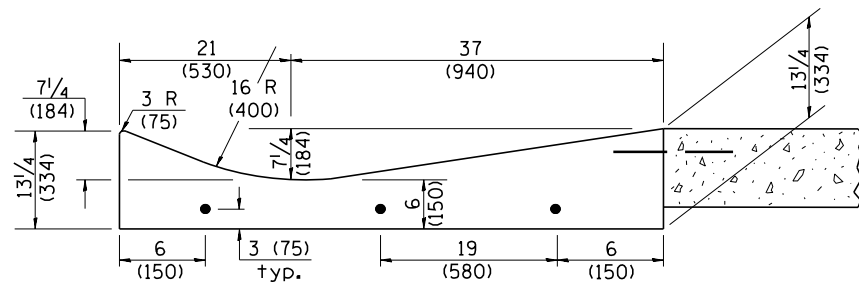
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2117
CONTRACT NO. 68620				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



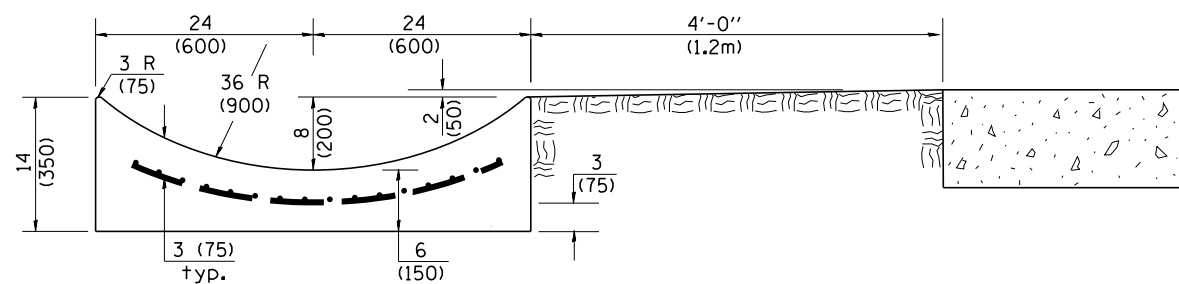
SECTION A-A



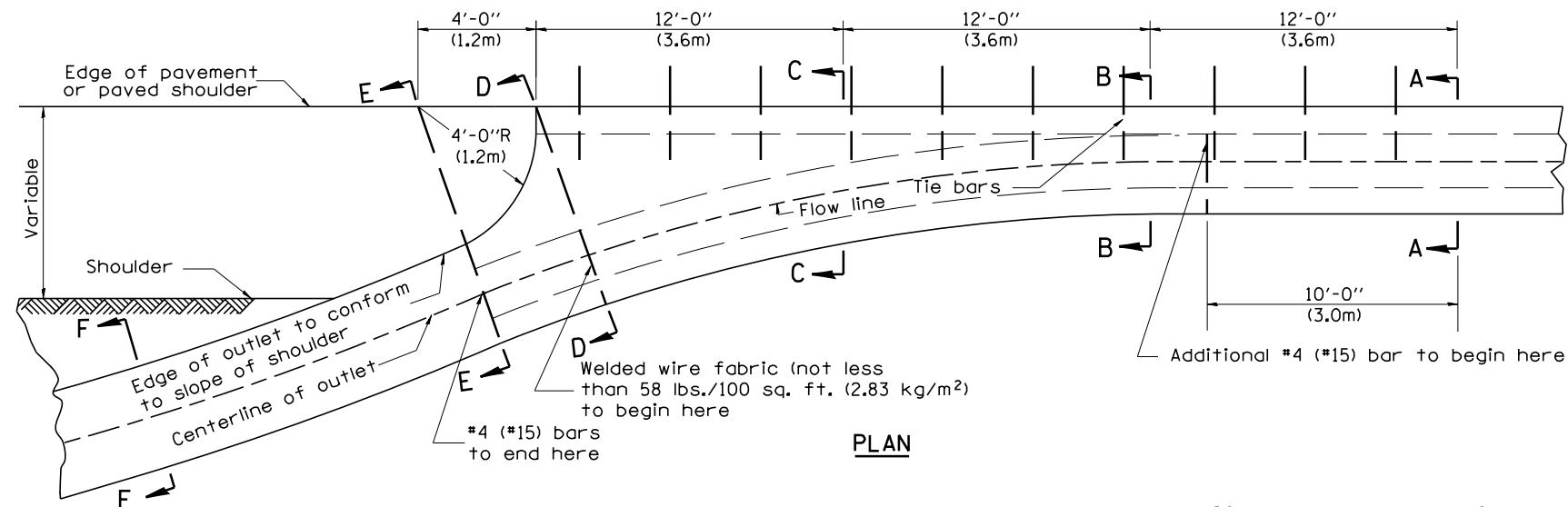
SECTION B-B



SECTION C-C



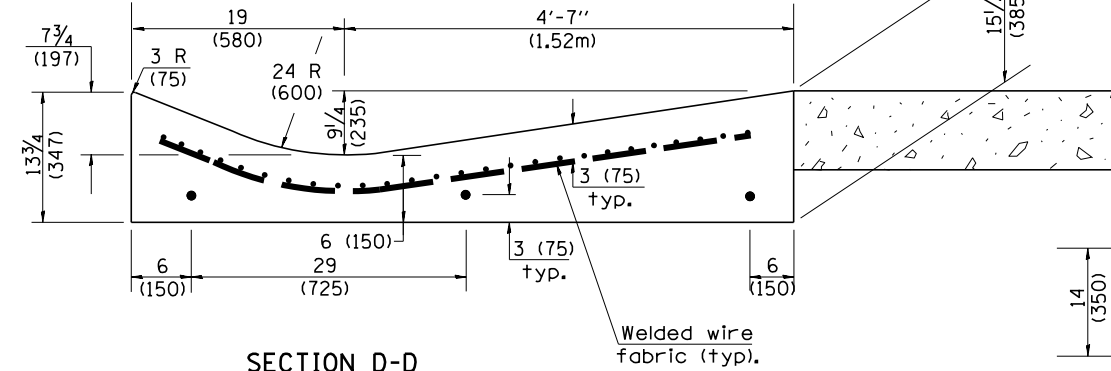
SECTION E-E



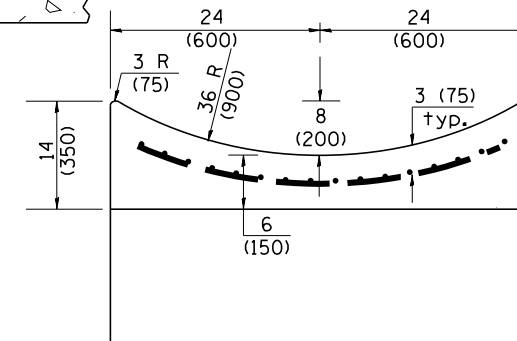
PLAN

QUANTITY
 Section A-A to E-E = 4.5 cu. yd. (3.36 m³) concrete.
 Section E-E to F-F = 0.10 cu. yd./ft. (0.26 m³/m) concrete.

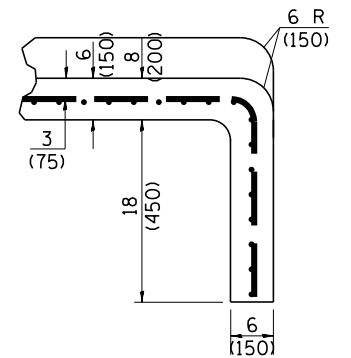
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8 m) for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION F-F



SECTIONS AT END OF OUTLET
(CURTAIN WALL)

QUANTITY
 Curtain Wall = 0.1 cu. yd. (0.08 m³) concrete.

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

OUTLET

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER, TYPE A, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

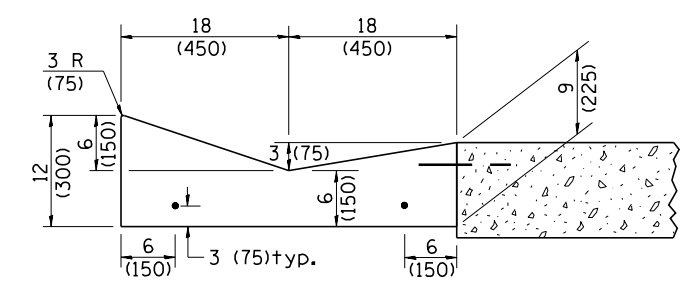
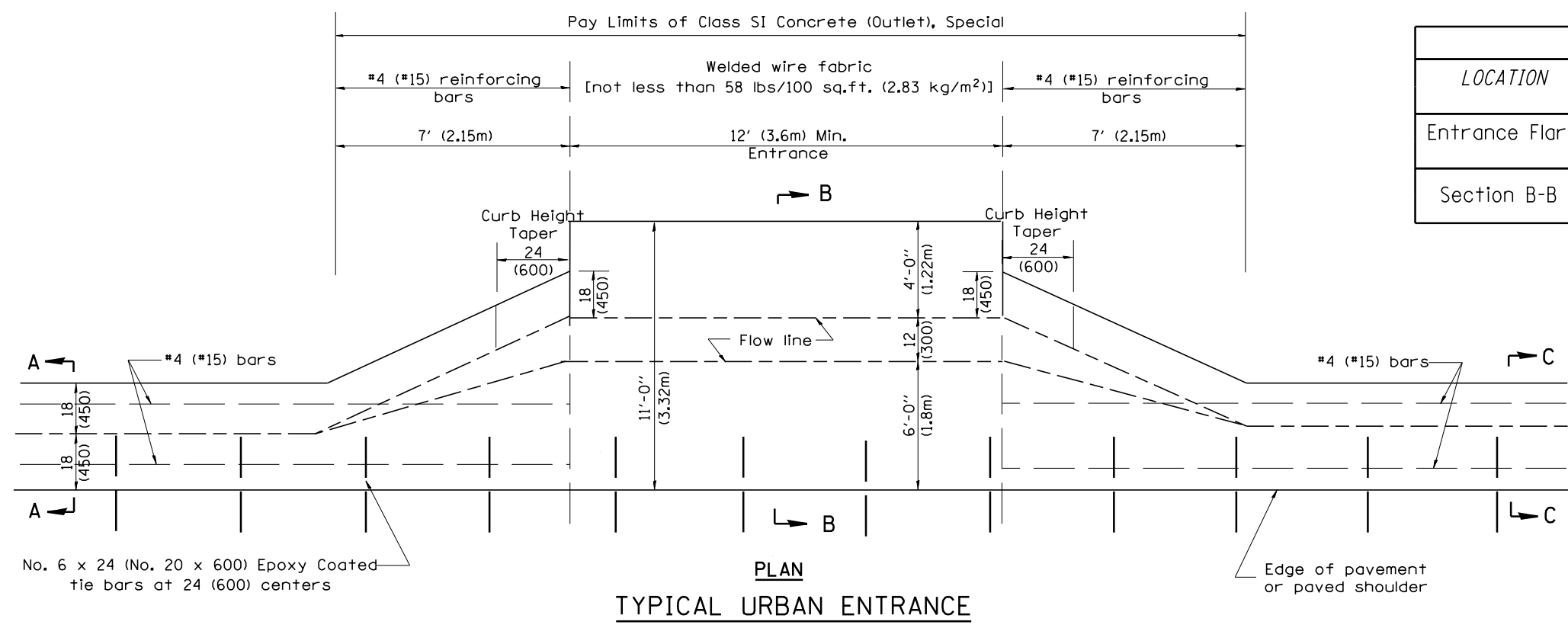
NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 606101-D4

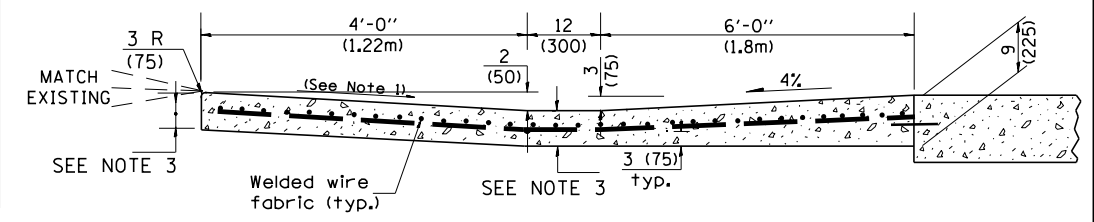
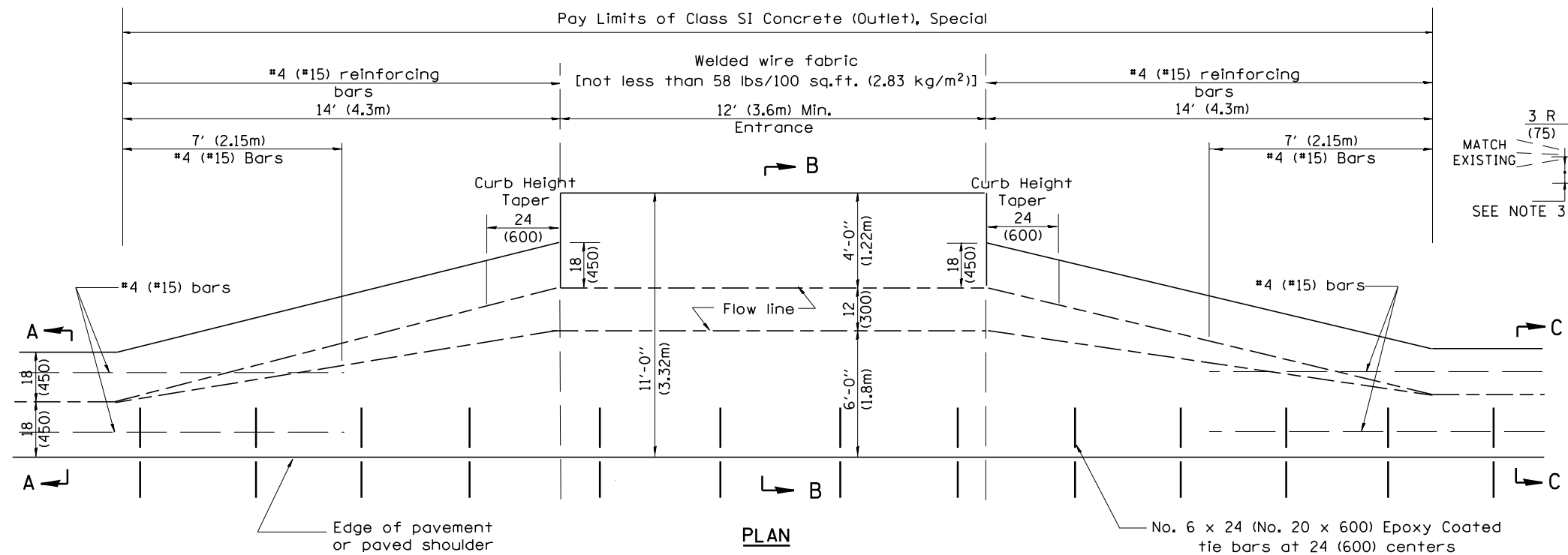
All dimensions are in inches (millimeters) unless otherwise noted.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2118
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

QUANTITY CALCULATION			
LOCATION	LENGTH	NON-COMMERCIAL 6 (150)	COMMERCIAL ENTRANCE 8 (200)
Entrance Flare	7 Ft (2.15 m) Urban 14 Ft (4.30 m) Rural	0.15 Cu Yd / Ft (0.37 Cu M / M)	0.18 Cu Yd / Ft (0.45 Cu M / M)
Section B-B	See Plans	0.23 Cu Yd / Ft (0.57 Cu M / M)	0.28 Cu Yd / Ft (0.70 Cu M / M)



PLAN
TYPICAL URBAN ENTRANCE



PLAN
TYPICAL RURAL ENTRANCE

- GENERAL NOTES**
- Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.
 - The cross-slope is to be constructed as given in the plans from back turnout to where driveway matches existing.
 - For Non-Commercial Entrances the driveway thickness shall be 6 (150). For Commercial Entrances the driveway thickness shall be 8 (200).

QUANTITIES	
CALC. BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____

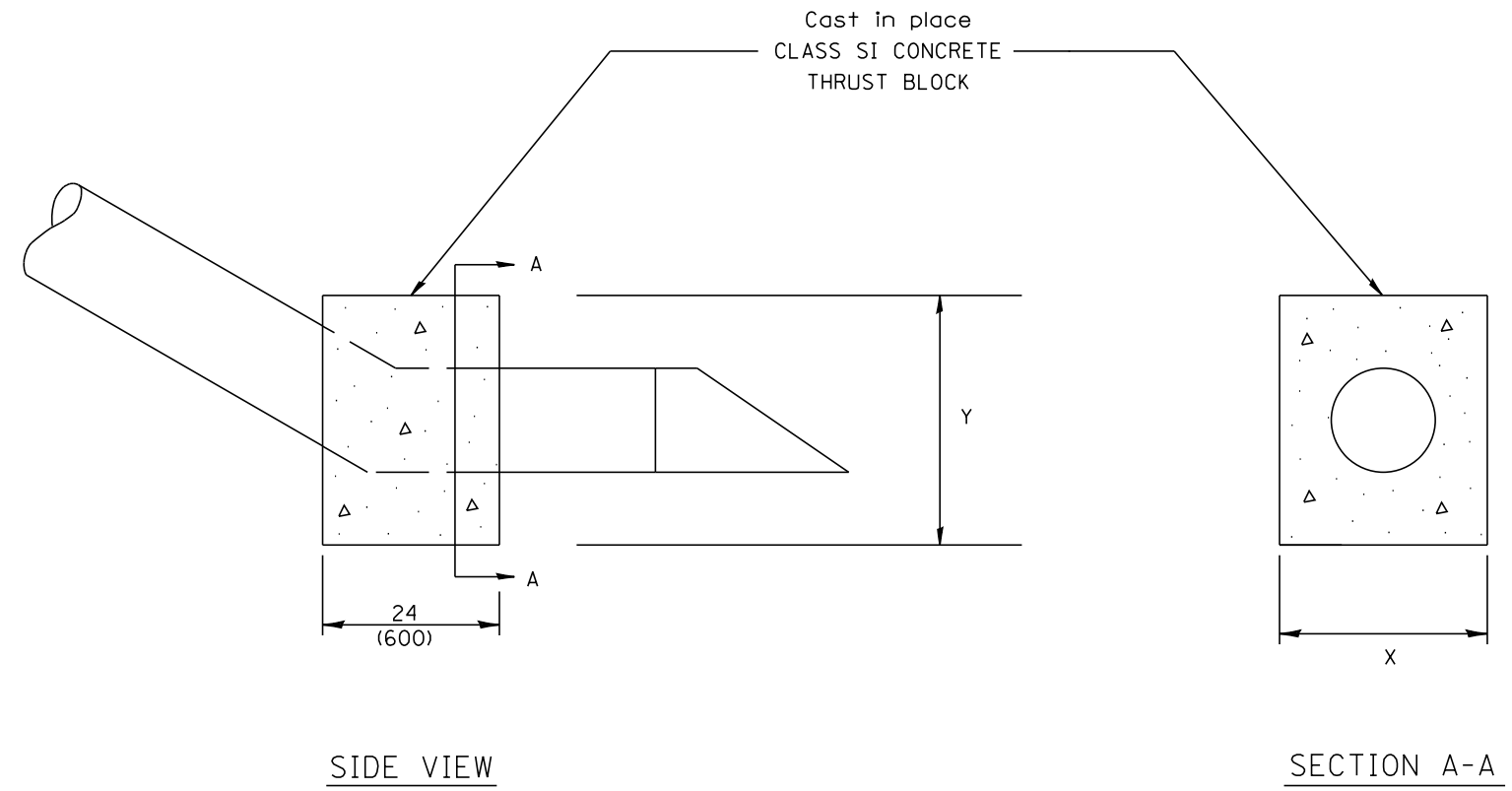
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

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

DESIGNER NOTES:
 1. A THRUST BLOCK SHALL BE INSTALLED WHEN THE DIFFERENCE BETWEEN THE UPSTREAM AND DOWNSTREAM INVERT ELEVATIONS EXCEEDS 36(900) AND GRADE EXCEEDS 10%.
 2. USE WITH DISTRICT CADD STANDARDS: "DITCH CHECK, IF NEEDED. DO NOT USE WITH DISTRICT CADD STANDARDS: "SLOPE DRAIN DETAILS FOR BURIED PIPE" "SLOPE DRAIN DETAILS FOR EXPOSED PIPE".

CONCRETE THRUST BLOCK BILL OF MATERIALS

PIPE SIZE	X	Y	CLASS SI CONCRETE cu. yd. (m ³)
12(300)	24(600)	24(600)	0.2(0.2)
15(375)	27(675)	27(675)	0.3(0.2)
18(450)	30(750)	30(750)	0.3(0.2)
24(600)	36(900)	36(900)	0.4(0.3)
30(750)	3'-6" (1.07m)	3'-6" (1.07m)	0.8(0.6)



The contract unit price each for CONCRETE THRUST BLOCK shall include the cost of excavation, CLASS SI CONCRETE and compacted backfill.

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.

01-01-97	RENUM. J-10.04, NEW REVISION BOX, ADDED QUANTITY	T.P.			
	CALCULATION BOX				
10-16-06	REVISED TO 2007 SPEC.	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

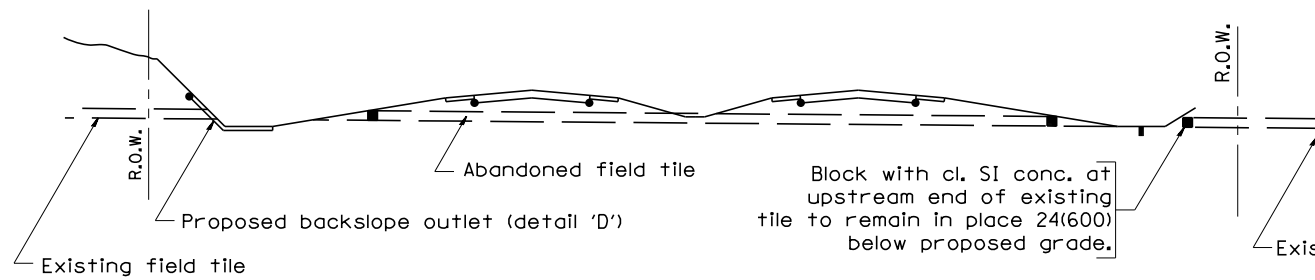
CONCRETE THRUST BLOCKS

NOT TO SCALE

CADD STD. 609001-D4

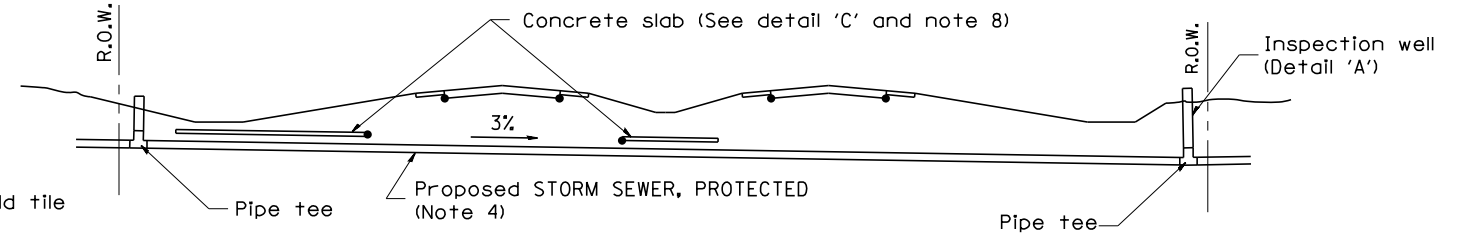
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 90-[14R2(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2120	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

DESIGNER NOTES: USE THIS IN CONJUNCTION WITH SPECIAL PROVISION FOR "STORM SEWER, PROTECTED."



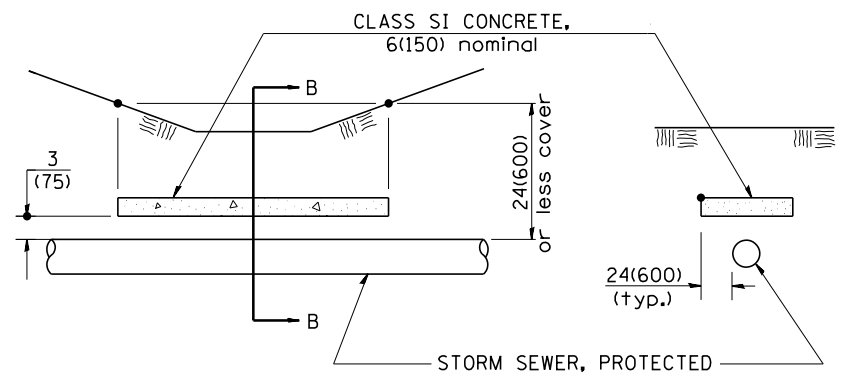
METHOD 'A'

Storm sewer flowline at 6(150) or more above proposed ditch flowline



METHOD 'B'

Storm sewers below proposed ditch flowline



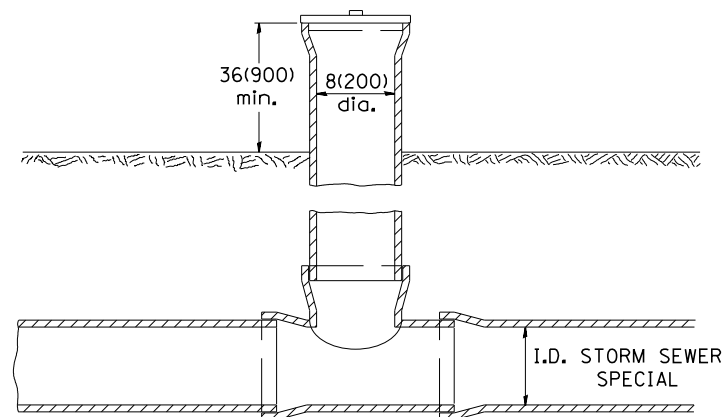
ELEVATION

SECTION B-B

CONCRETE SLAB
Detail "C"

GENERAL NOTES:

- Method 'A' is the preferred method of installation and should be used to minimize non-essential pipe crossing under pavement. The engineer should consider adjusting ditch elevations to accommodate the field tile outletting 6(150) above the ditch flowline.
- Method 'B' shall be used only if ditch elevations cannot be adjusted to accommodate the use of method 'A'.
- Abandoned field tile shall be plugged, as directed by the engineer, cost incidental.
- Non-circular field tile shall be replaced with STORM SEWER, PROTECTED of at least the same cross sectional area. All existing field tile shall be replaced with storm sewer of the type required for the minimum depth of cover.
- STORM SEWER, PROTECTED 8(200) shall be used for the inspection well and riser regardless of existing tile size. PVC pipe shall not be used for inspection wells.
- Inspection wells shall be placed approximately 24(600) inside of both R.O.W. lines at the locations shown on the plans unless arrangements are made by the land acquisition unit to have the wells placed on the property owners side of the R.O.W.
- The inspection well concrete lid shall be constructed of P.C. concrete CLASS SI CONCRETE and provide with a handle shaped from a #4 (#15) reinforcing bar.
- The 6(150) concrete slab shall be poured the full length of the trench at the ditch flowline locations within the right of way with less than 24(600) of earth cover. P.C. CONCRETE CLASS SI shall be used.
- The existing field tile shall be connected to STORM SEWER, PROTECTED by a P.C. CONCRETE CLASS SI COLLAR as directed by the engineer.
- Applicable portion of the Special Provision for STORM SEWER, PROTECTED apply.



INSPECTION WELL
Detail "A"



INSPECTION WELL CONCRETE LID
Detail "B"

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

01-01-97	RENUM. A-18.02, NEW REVISION BOX, REVISED TITLE BOX	T.P.			
06-01-97	REVISED DRAWING & TITLE BOX	J.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

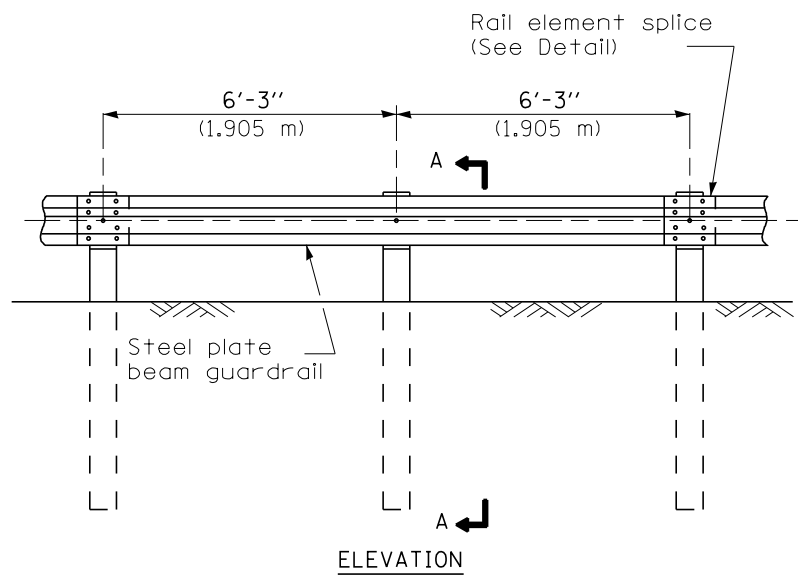
STORM SEWER PROTECTED

NOT TO SCALE

CADD STD. 611001-D4

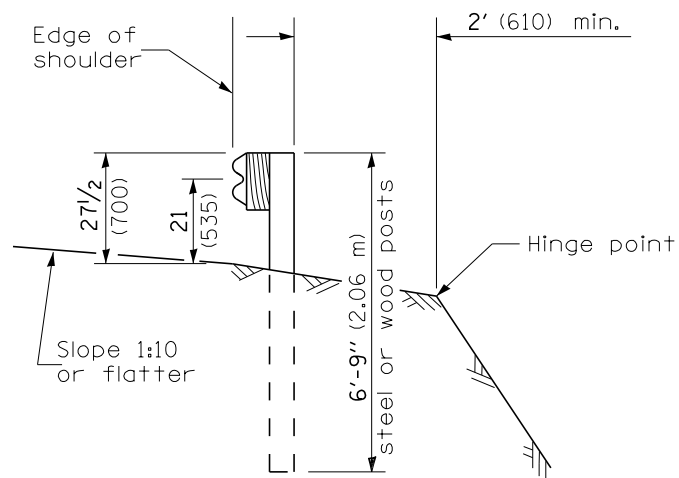
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HB)BR	TAZEWELL	2433	2121	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

DESIGNER NOTE: Use this CADD Standard when removing and re-erecting existing guardrail that was originally installed prior to January 1, 2007. Note this is only for removing and re-erecting so the 27 1/2" height is maintained. If installing new guardrail use the State Standard.

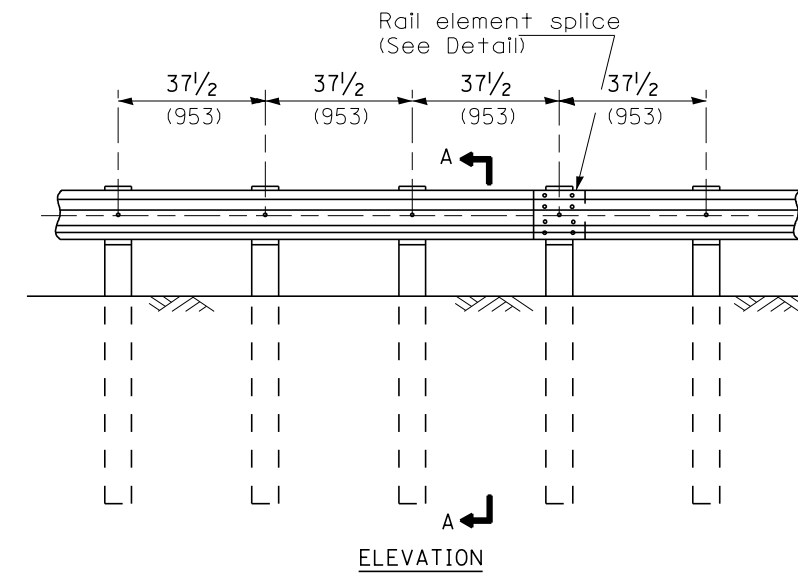


TYPE A

6'-3" (1.905 m) Typical post spacing

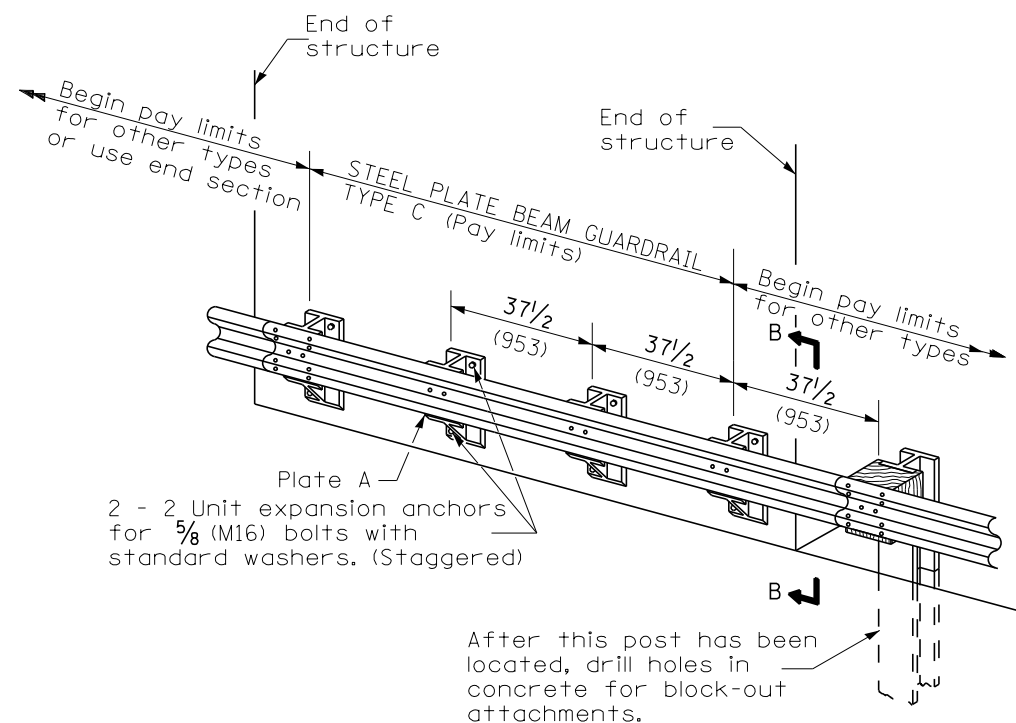


SECTION A-A



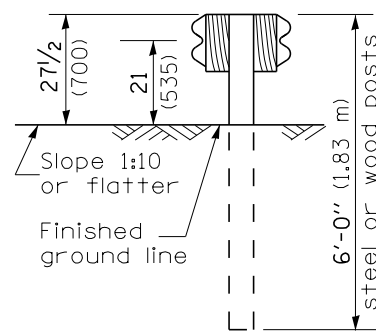
TYPE B

37 1/2 (953) Closed post spacing

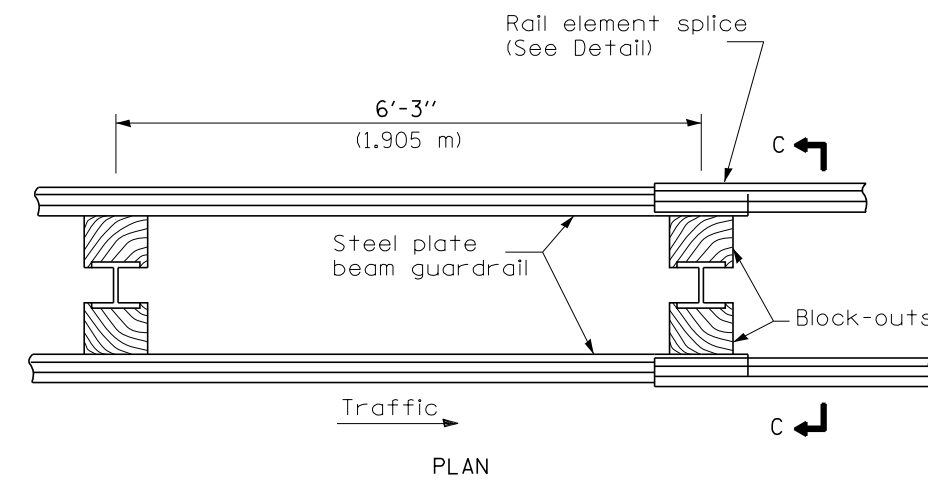


TYPE C

37 1/2 (953) Block-out spacing

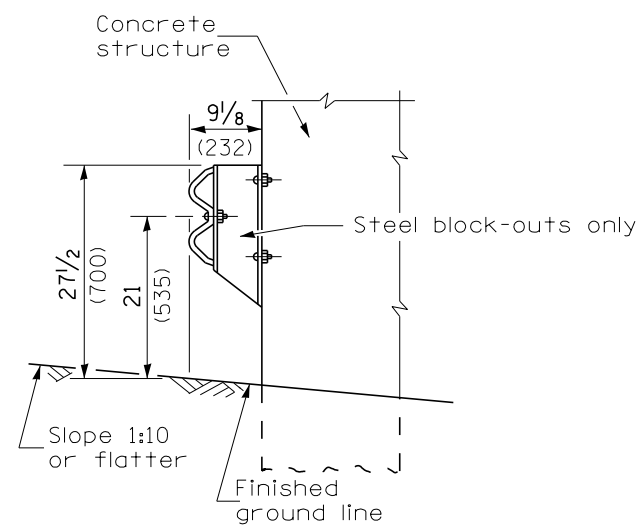


SECTION C-C



TYPE D

Double steel plate beam guardrail
6'-3" (1.905 m) typical post spacing



SECTION B-B

GENERAL NOTES

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

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

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

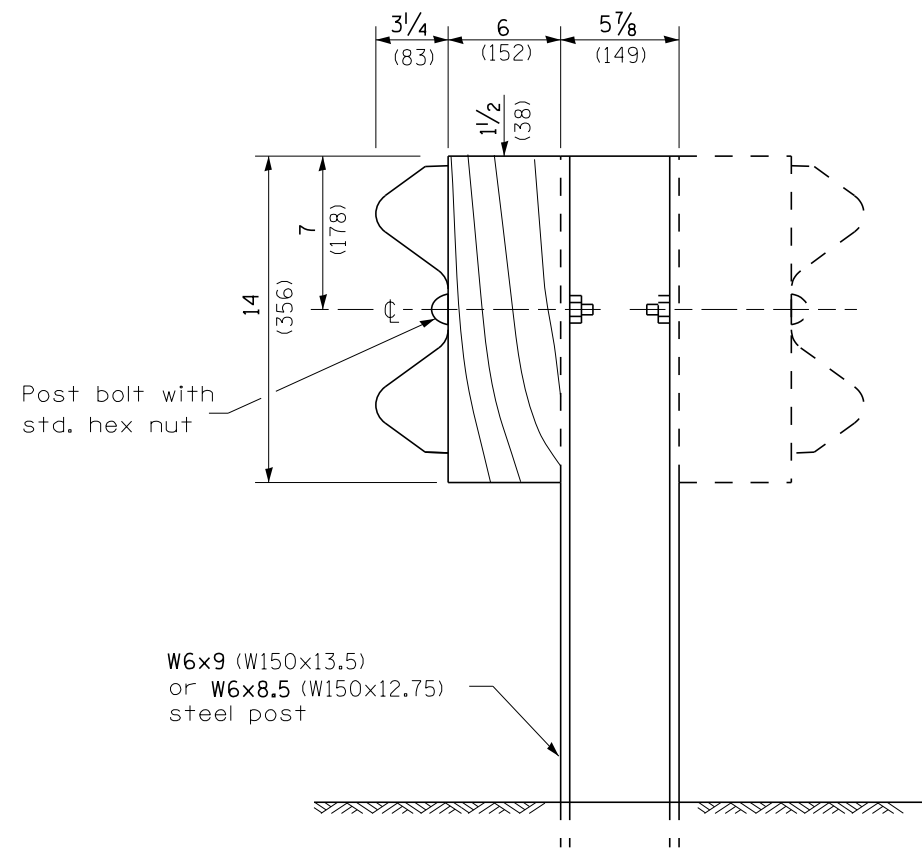
All dimensions are in inches (millimeters) unless otherwise noted.

03-01-07	NEW DETAIL	RJD			

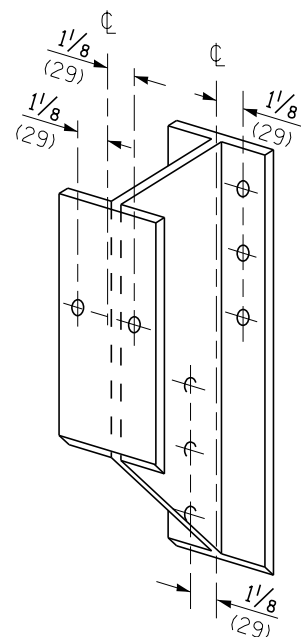
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
SHT. 1 OF 4
CADD STD. 630011-D4
NOT TO SCALE

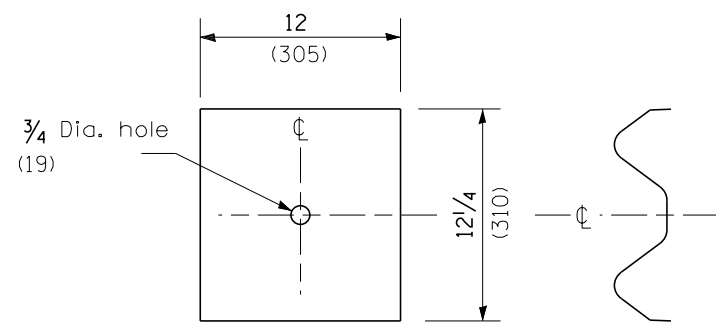
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2122
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



STEEL POST CONSTRUCTION



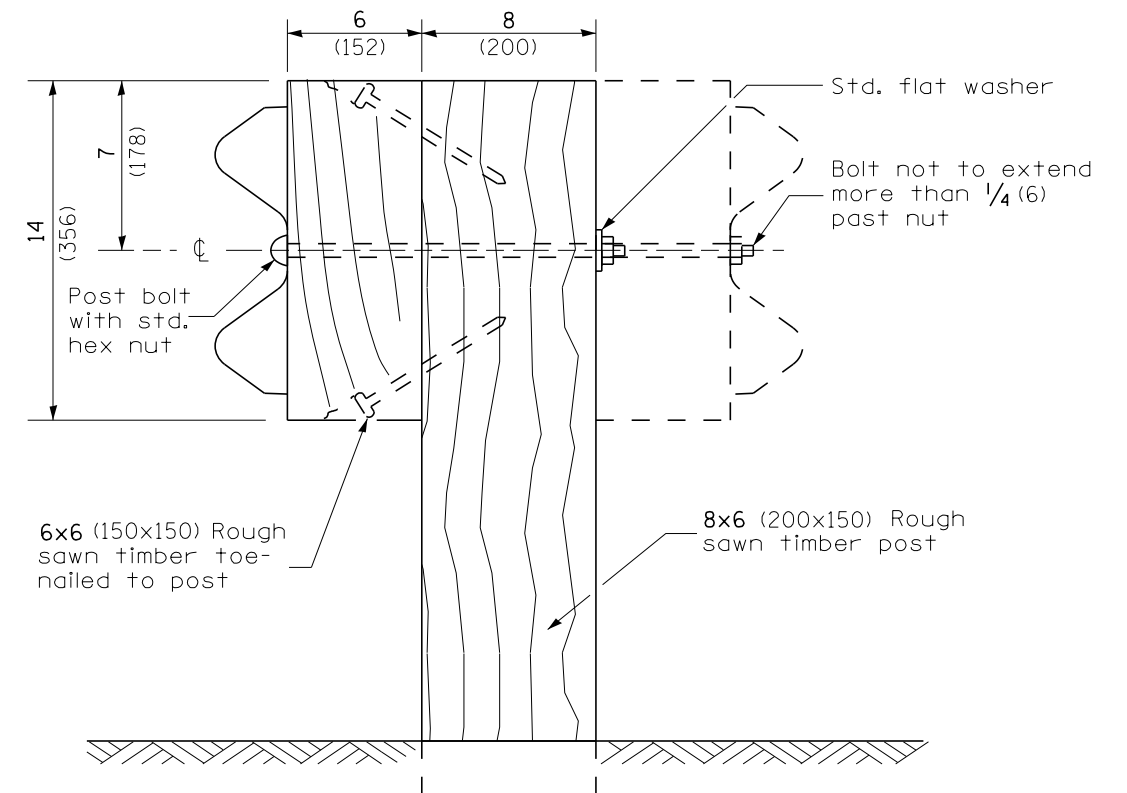
STEEL BLOCK-OUT DETAIL



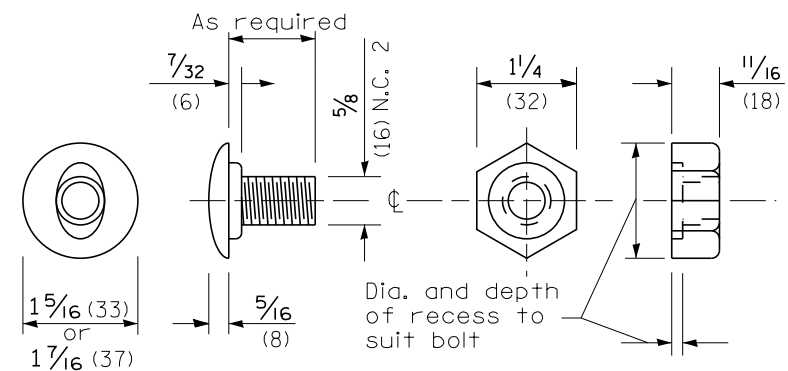
NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



WOOD POST CONSTRUCTION



POST OR SPLICE BOLT & NUT

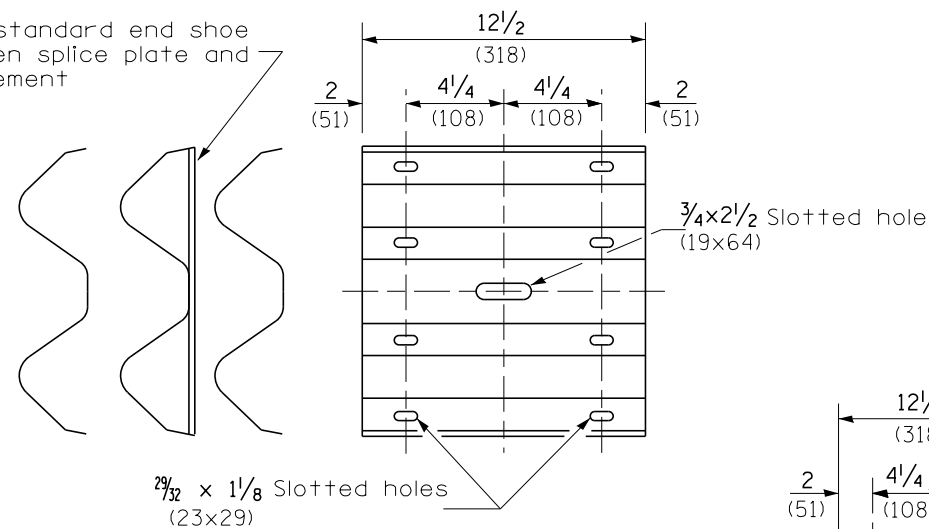
All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

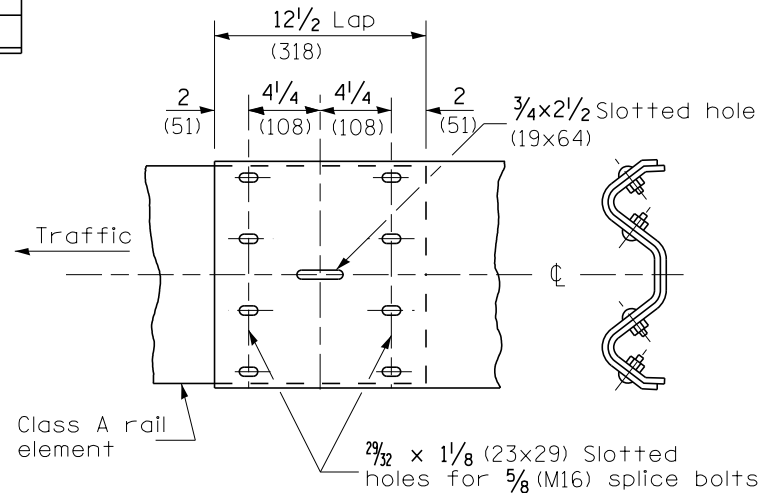
REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
NOT TO SCALE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2123
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

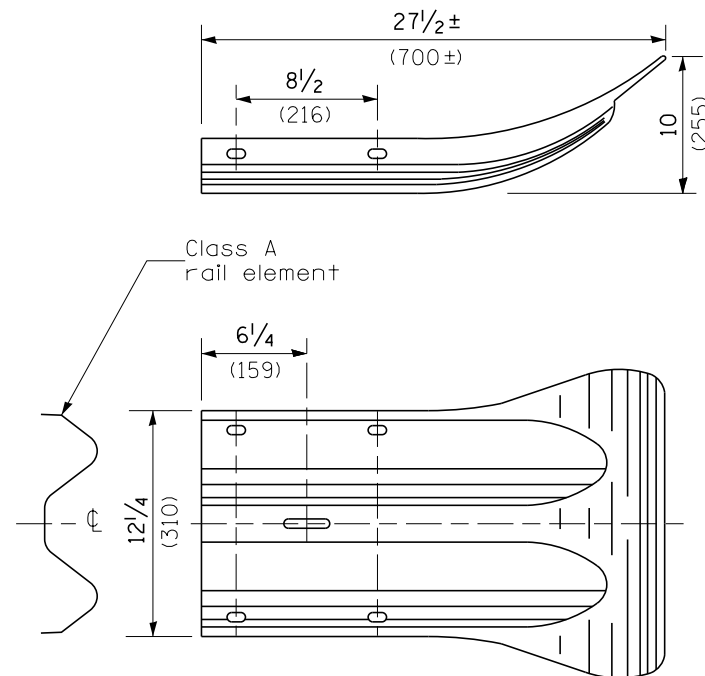
Place standard end shoe between splice plate and rail element



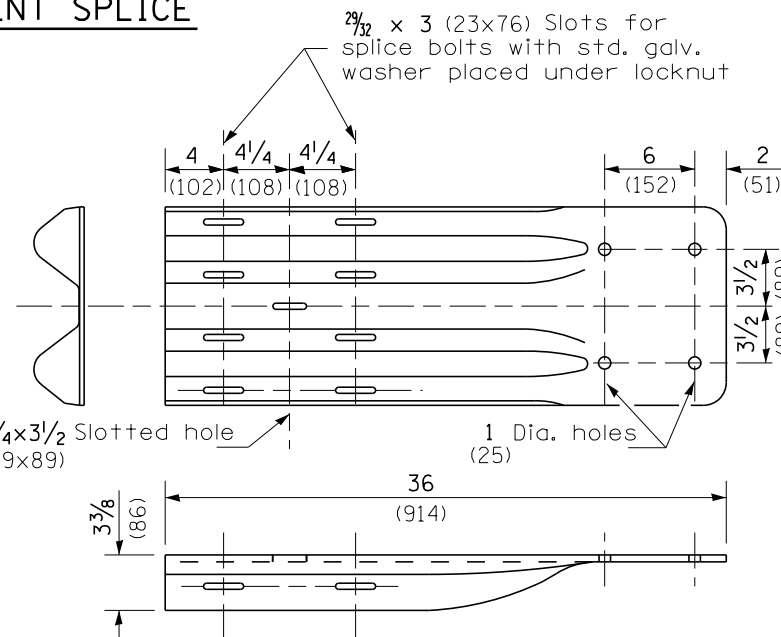
SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION



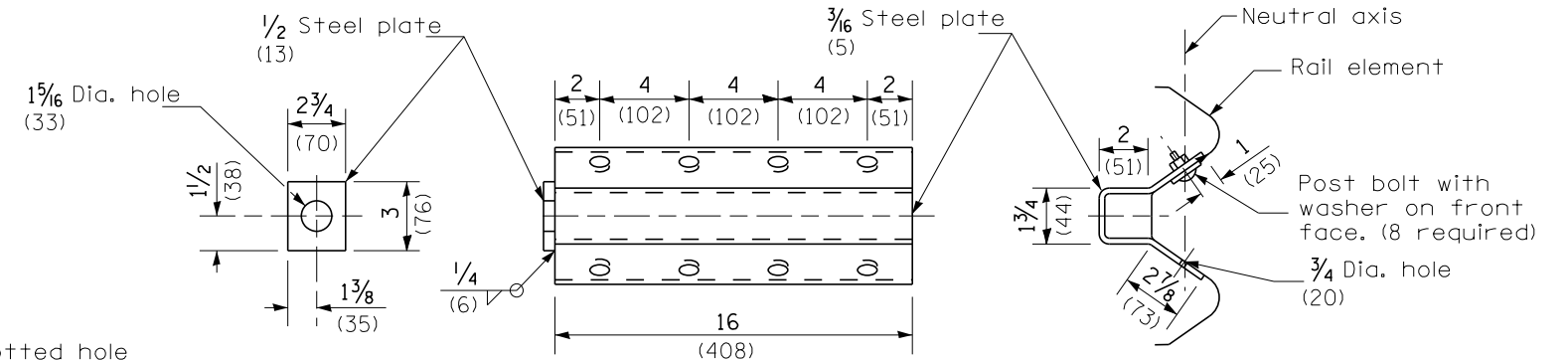
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

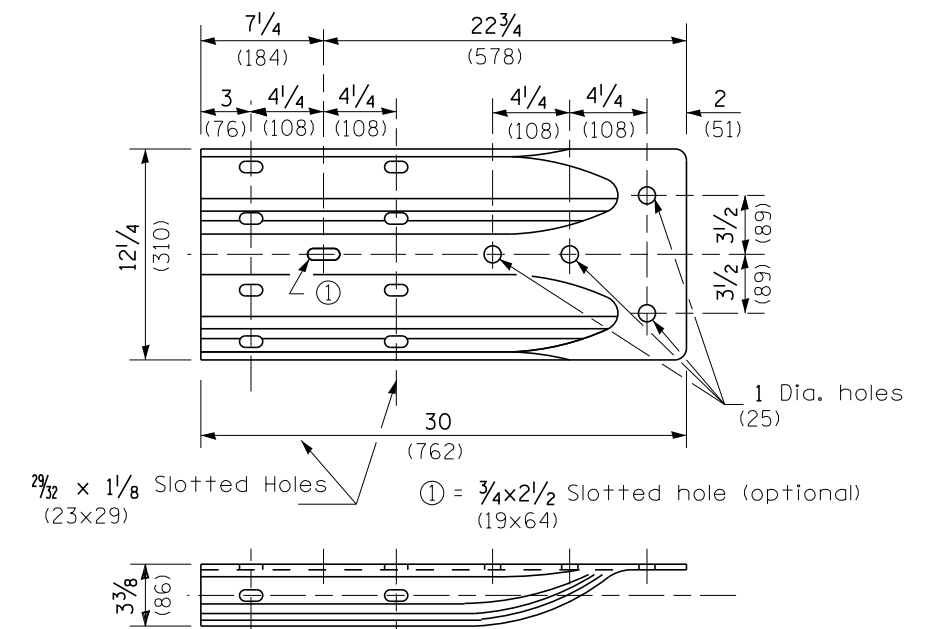
END SHOE



NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

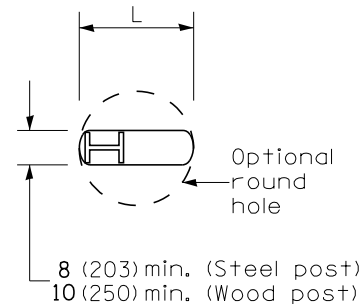
ANCHOR PLATE T DETAILS



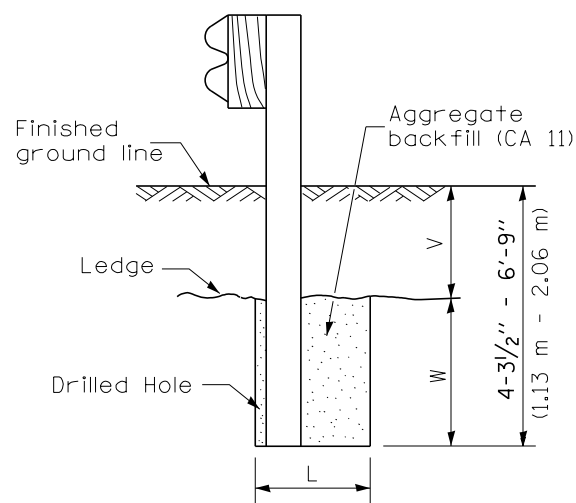
ALTERNATE END SHOE

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL		F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	
		NOT TO SCALE		• 90-114R(14HB-4,14,14HVB)BRJ TAZEWELL 2433 2124	
		SHT. 3 OF 4		CONTRACT NO. 68620	
		CADD STD. 630011-D4		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



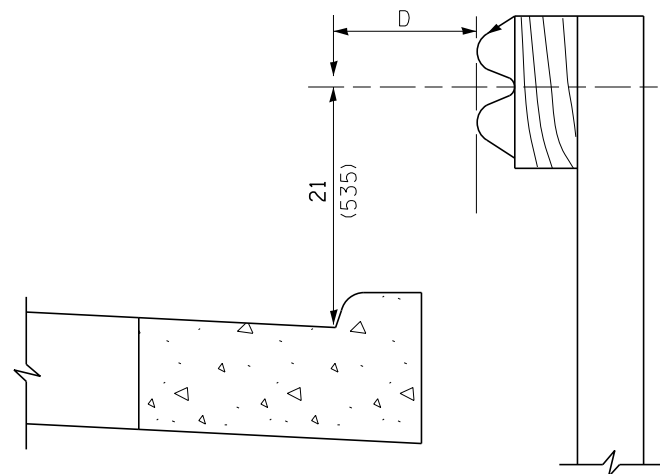
PLAN



Note:
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



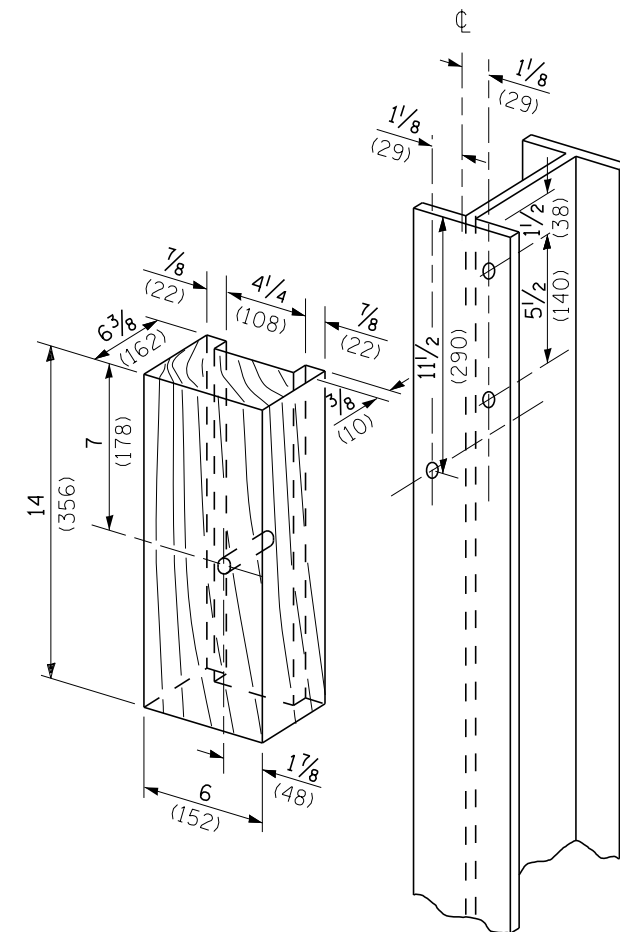
Note:

If it is necessary for D to be more than 12 (300) and less than 10'-0" (3.0 m) type M-2 (M-5) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

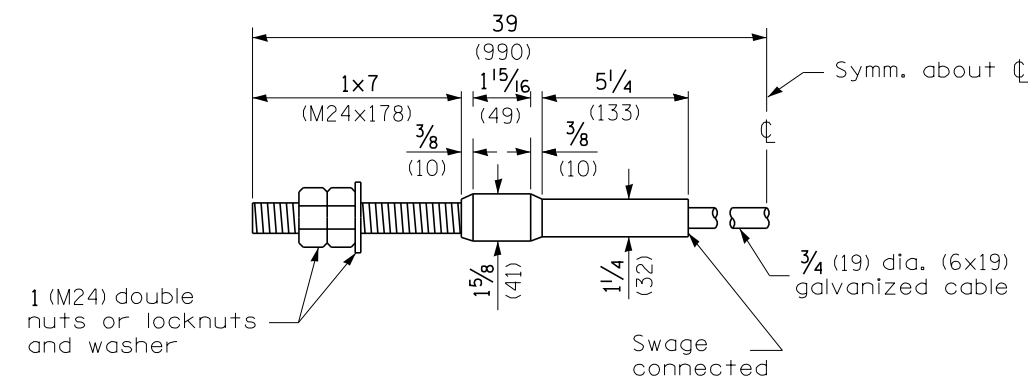
GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 12 (300) maximum)

V	W	L	
		Steel Post	Wood Post
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (>460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (>825 - 1.13 m)	12 - 0 (305 - 0)	8 (203)	10 (250)



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(18,100 kg (40,000 lbs.) min. breaking strength)
Tighten to taut tension.

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

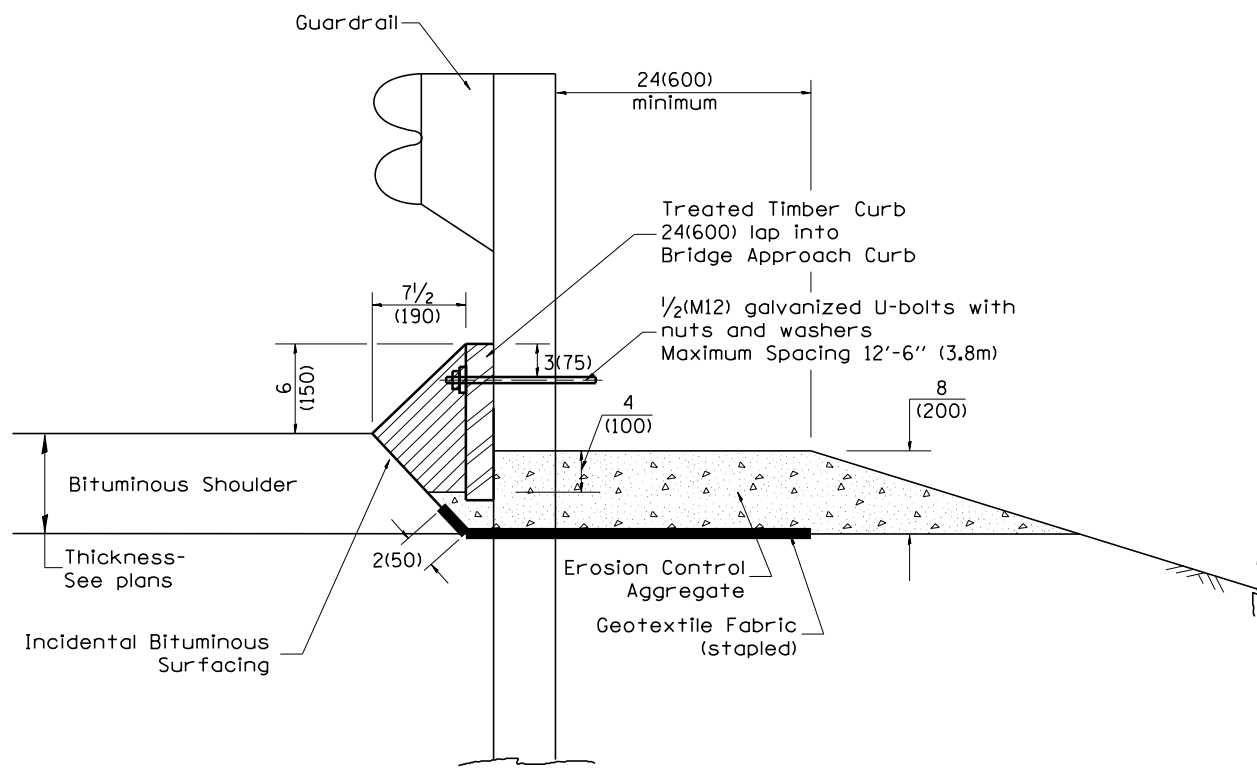
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
SHT. 4 OF 4
CADD STD. 630011-D4
NOT TO SCALE

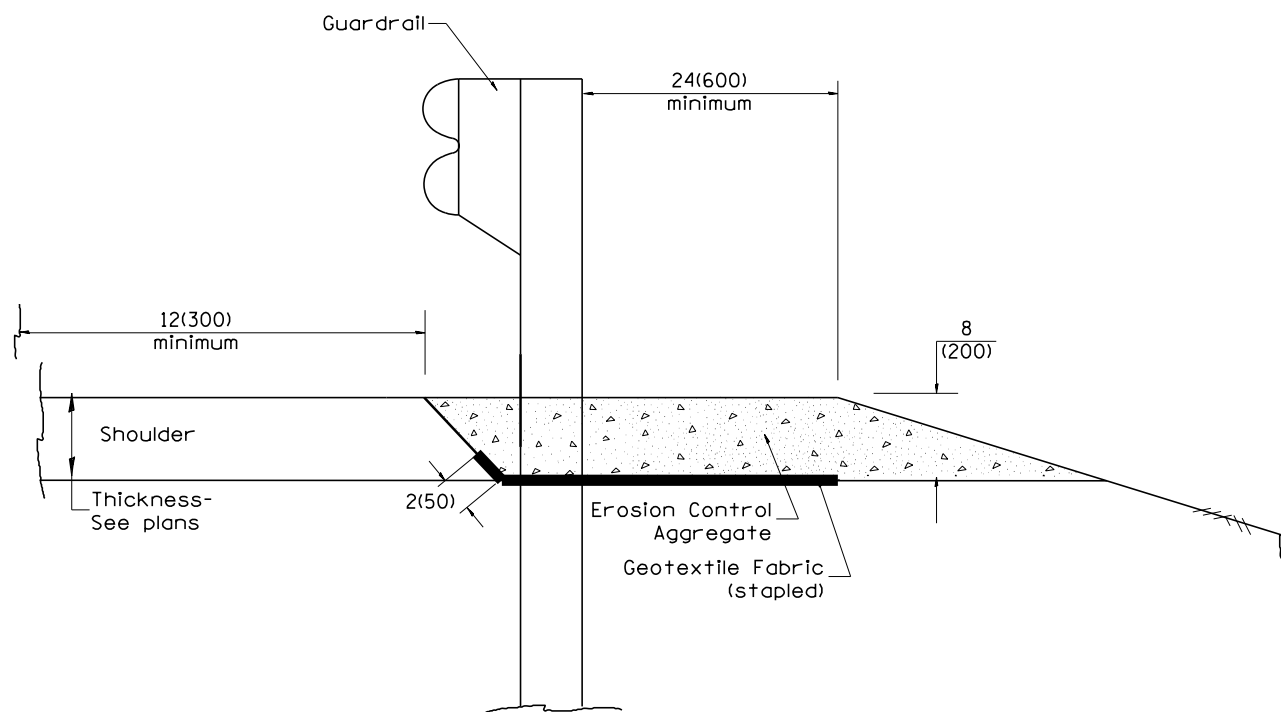
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2125	CONTRACT NO. 68620
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DESIGNER NOTES:

1. Use EROSION CONTROL CURB 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; 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: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 0.40 lbs./cu. ft. (6.4 kg/m³)

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.

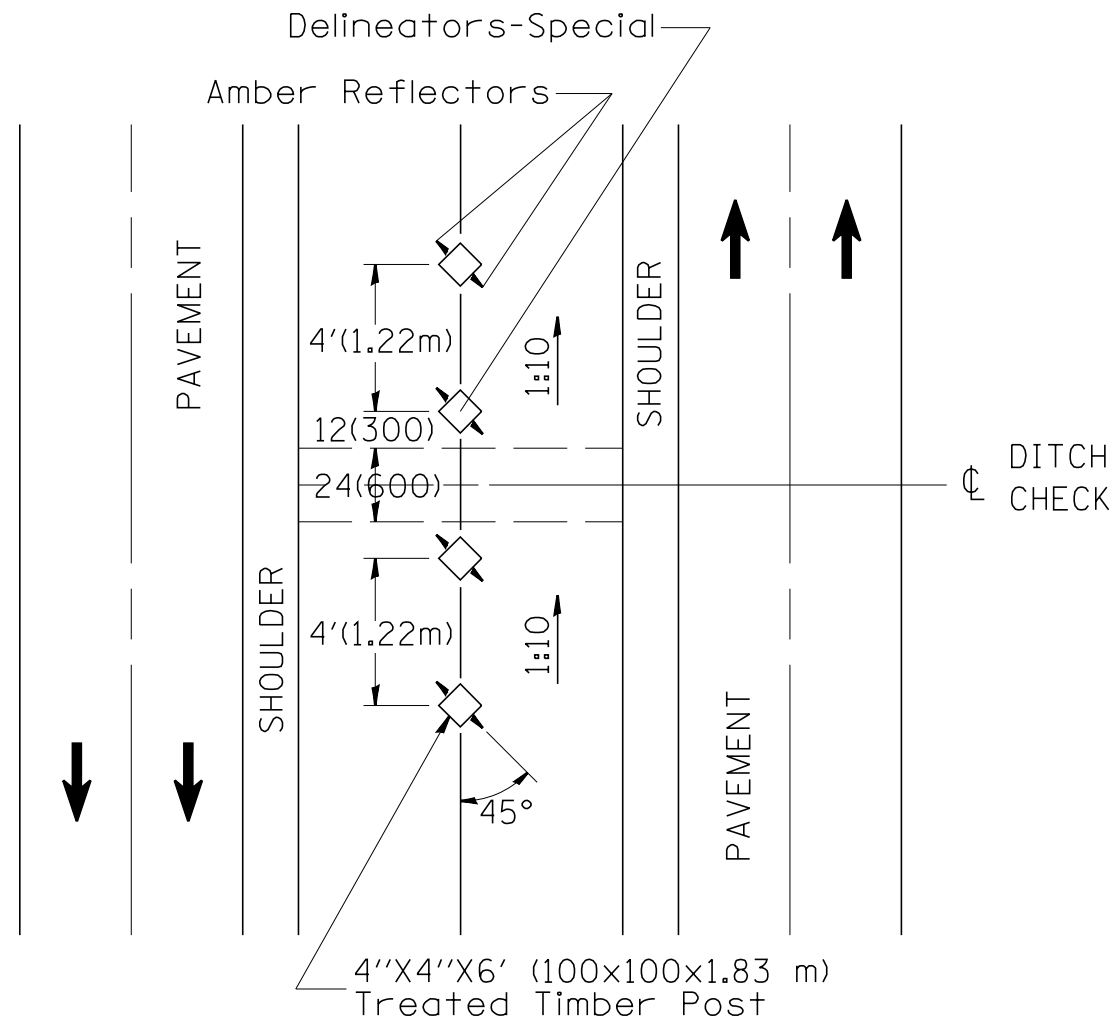
01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL EROSION CONTROL TREATMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.					90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2126	
11-03-00	CORRECTION TO NOTES	M.A.					CONTRACT NO. 68620				
10-16-06	REVISED TO 2007 SPEC.	M.A.					SHT. 1 OF 2 CADD STD. 630101-D4				

NOT TO SCALE

NOT TO SCALE

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

DESIGNER NOTES:
1. Include District Special Provisions.



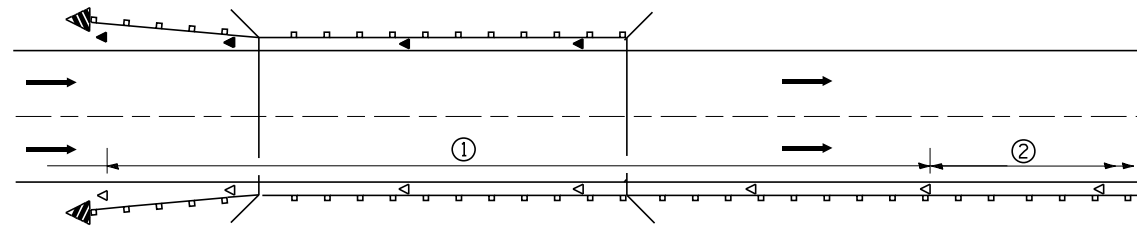
NOTES:

1. DELINEATORS, SPECIAL shall be constructed of 4" x 4" x 6' (100 x 100 x 1.83 m) treated timber.
2. Each post shall be buried a minimum of 36(900) deep.
3. Timber shall be treated in accordance with Article 1007.12 of the Standard Specifications. Waterborne Preservatives, ASA and CCA, shall have A 0.40 lbs/ft³(6.4 kg/m³) minimum retention.
4. Amber Reflectors shall meet the requirements of Article 1097.03 of the Standard Specifications.

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.

01-01-97	RENUM. E-10.01, METRICS, NEW REVISION BOX, ADDED	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DELINEATORS-SPECIAL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DESIGNER NOTE, REVISED GENERAL NOTES, REVISED							• 90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2127	
	TITLE BOX							CONTRACT NO. 68620				
10-16-06	REVISED TO 2007 SPEC.	M.A.						NOT TO SCALE	CADD STD. 635001-D4	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

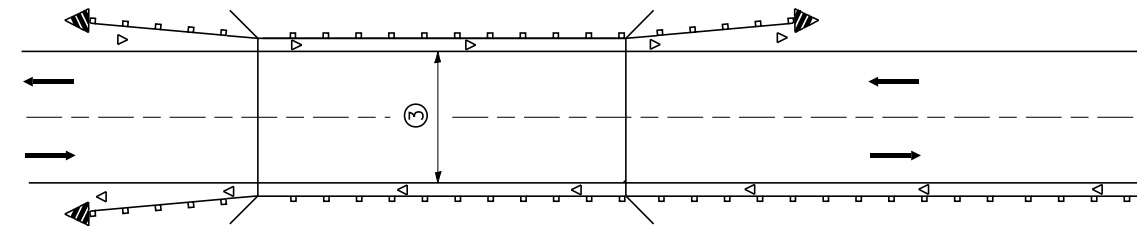
DESIGNER NOTES:
 1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARD RAIL DELINEATION POLICY; 1. TERMINAL MARKER, 2. TERMINAL MARK POST, AND 3. GUARDRAIL AND BARRIER WALL MARKERS."
 FROM INTERIM SPECIAL PROVISIONS 94-74; "GUARDRAIL AND BARRIER WALL DELINEATION."
 2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. T20011.



① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



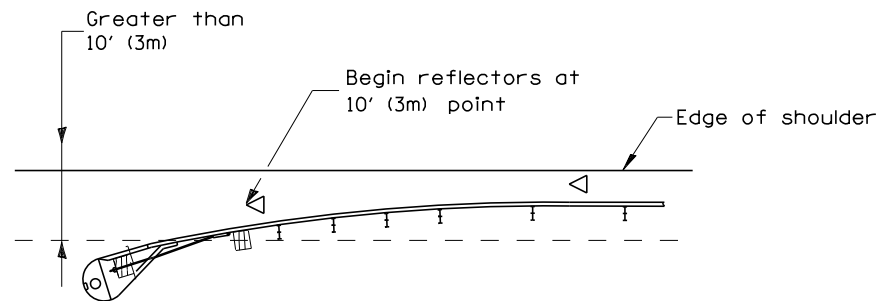
③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

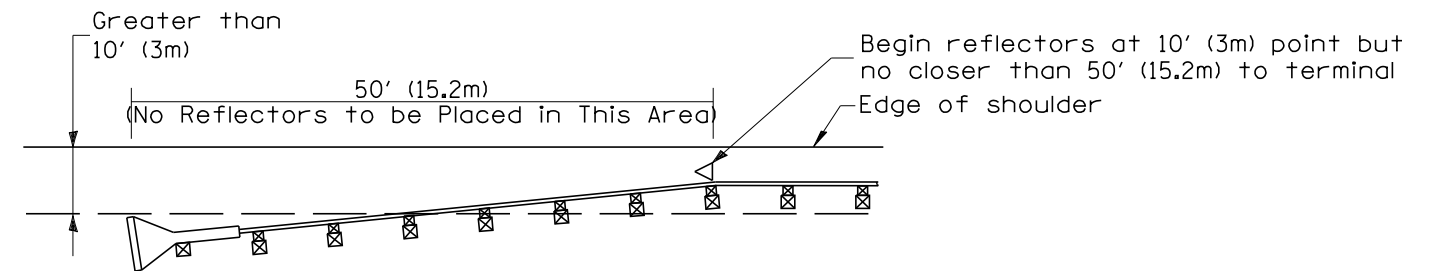
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ◄ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

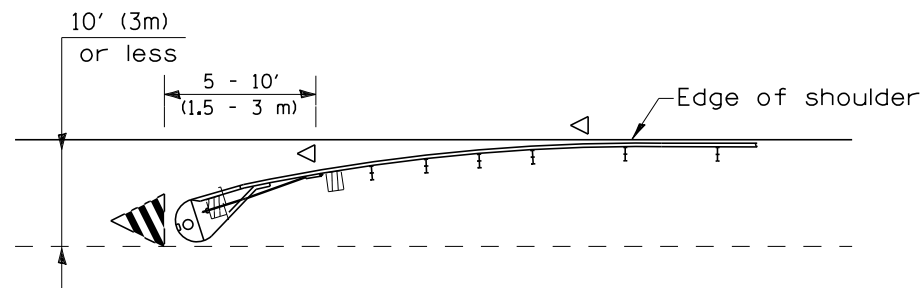
Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) from edge of shoulder]
•See Plans for Type



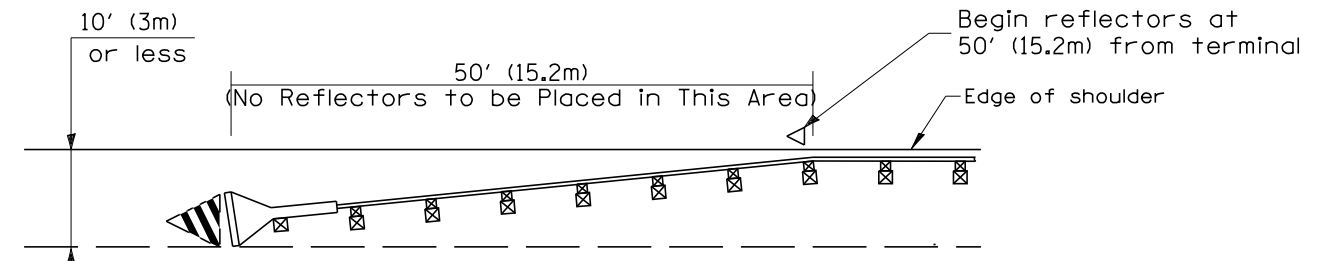
NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

Traffic Barrier Terminal Type 1 (Special)
[Terminal over 10' (3m) from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) or less from edge of shoulder]
•See Plans for Type



Traffic Barrier Terminal Type 1 (Special)
[Terminal 10' (3m) or less from edge of shoulder]

TERMINAL MARKER PLACEMENT

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

01-01-97	RENUM. E-10.02, NEW REVISION BOX	T.P.			
03-01-97	CORRECT STD. SPEC. *	J.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

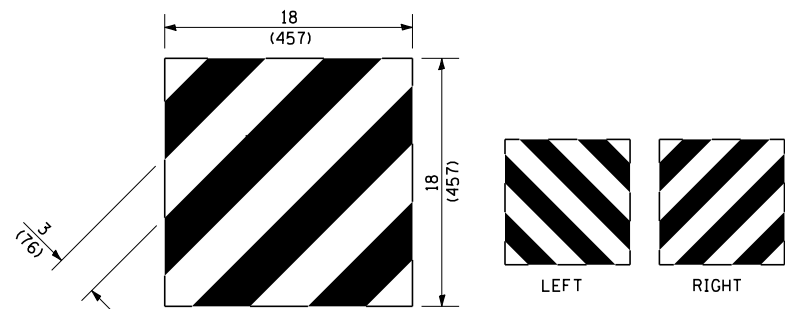
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

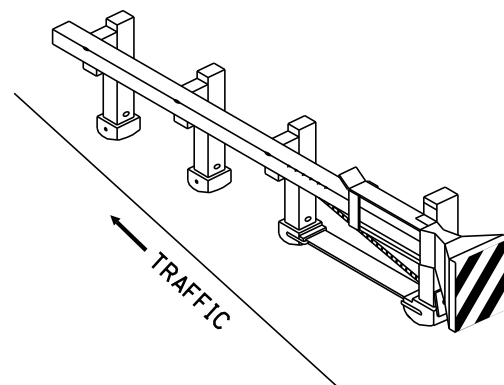
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 635101-D4

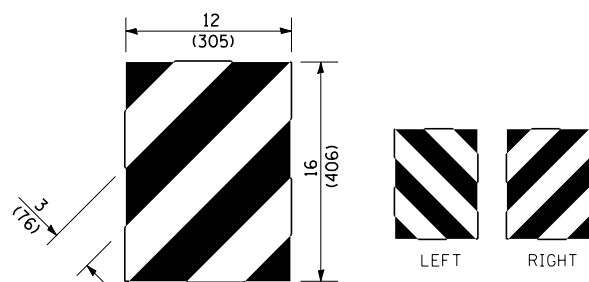
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2128
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



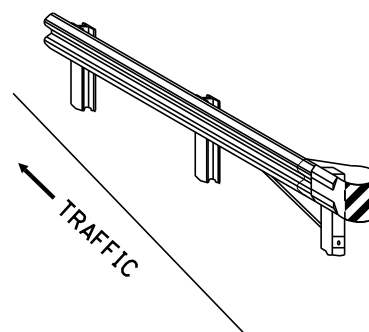
For Traffic Barrier Terminal Type 1 (Special)



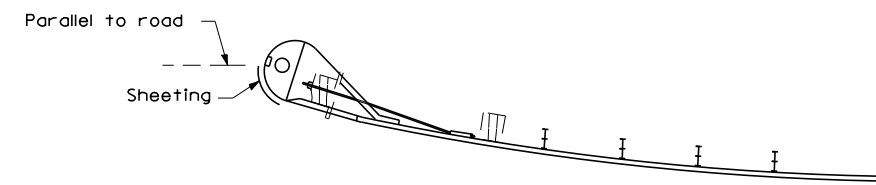
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (*)
and Post Mount
• See Plans for Type



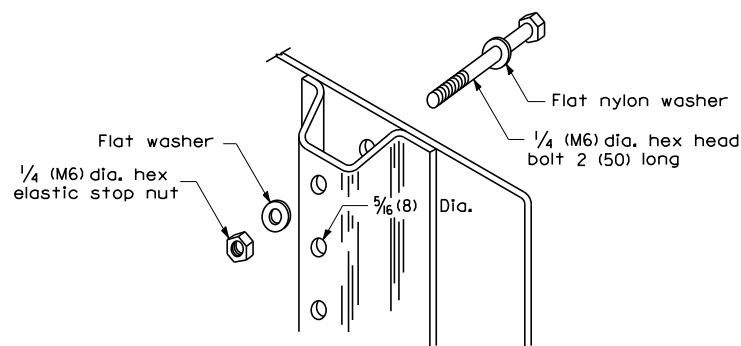
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
• See Plans for Type



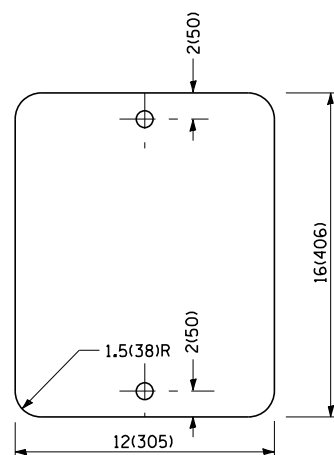
Sheeting Position for
Traffic Barrier Terminal Type (*)
• See Plans for Type

TERMINAL MARKER DETAILS

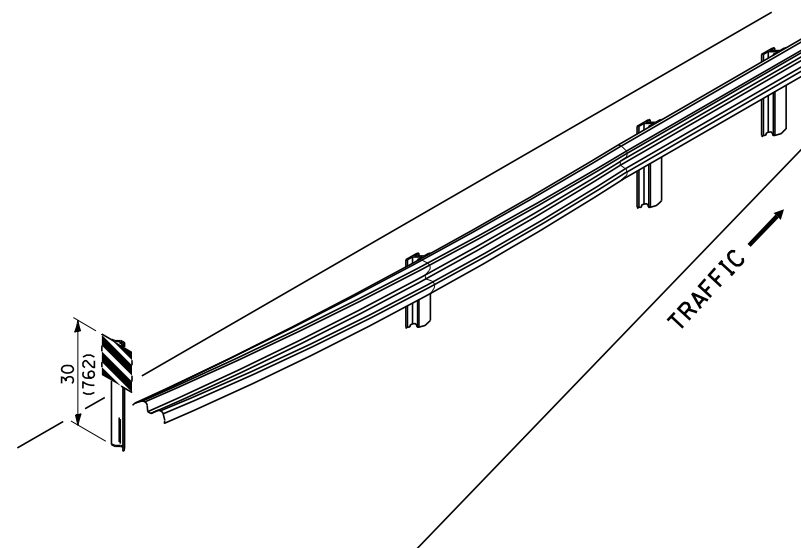
- Color: Black / Yellow reflectorized
- OM - I100 (L or R) Direct applied reflective sheeting
- OM - I200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

POST MOUNTED TERMINAL MARKER ASSEMBLY

TERMINAL MARKER TREATMENTS

GENERAL NOTES

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

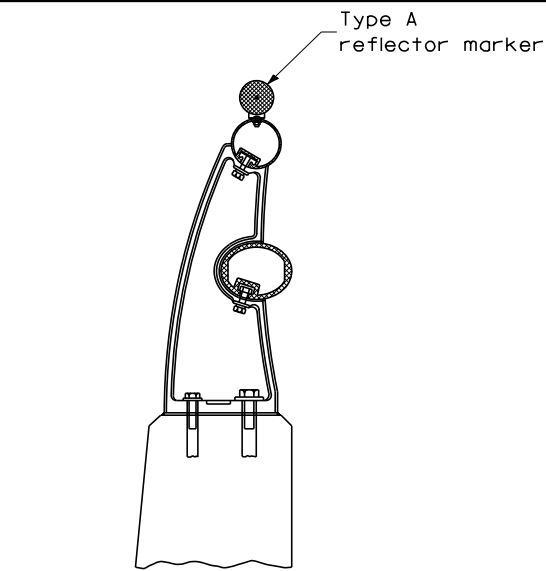
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

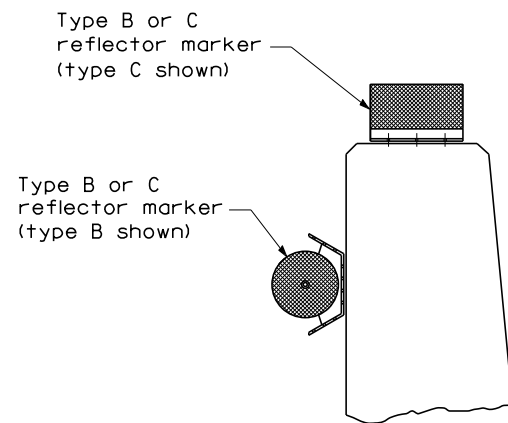
NOT TO SCALE

SHT. 2 OF 3
CADD STD. 635101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R;14HB-4,14,14HVB]BR]	TAZEWELL	2433	2129	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

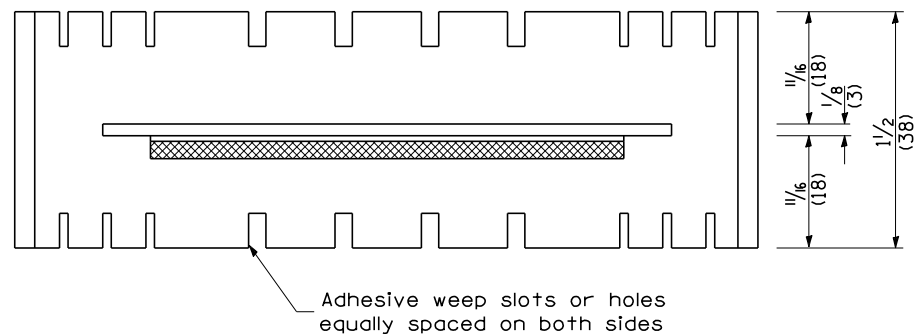


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR

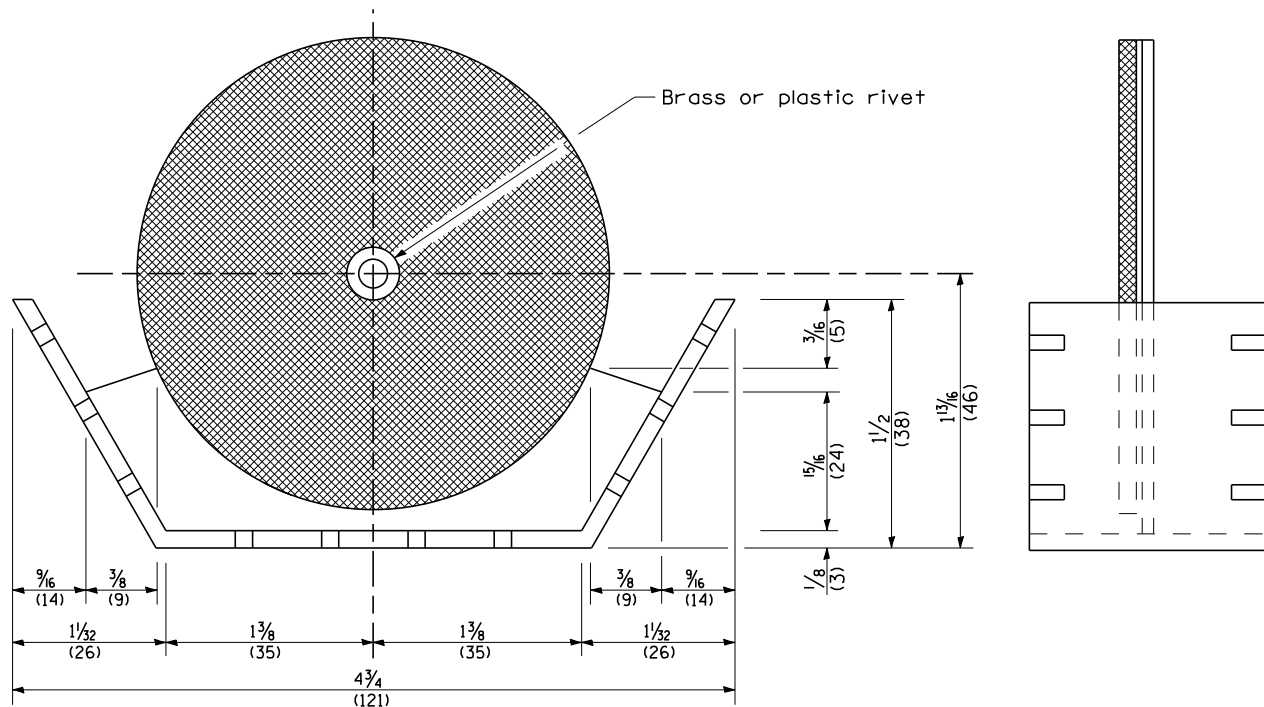


TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

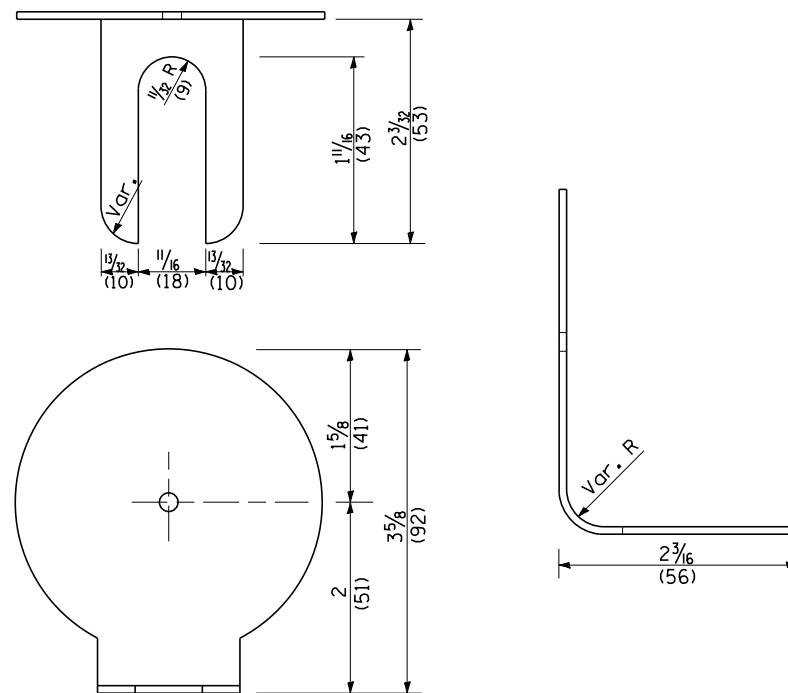
REFLECTOR MOUNTING



Adhesive weep slots or holes equally spaced on both sides

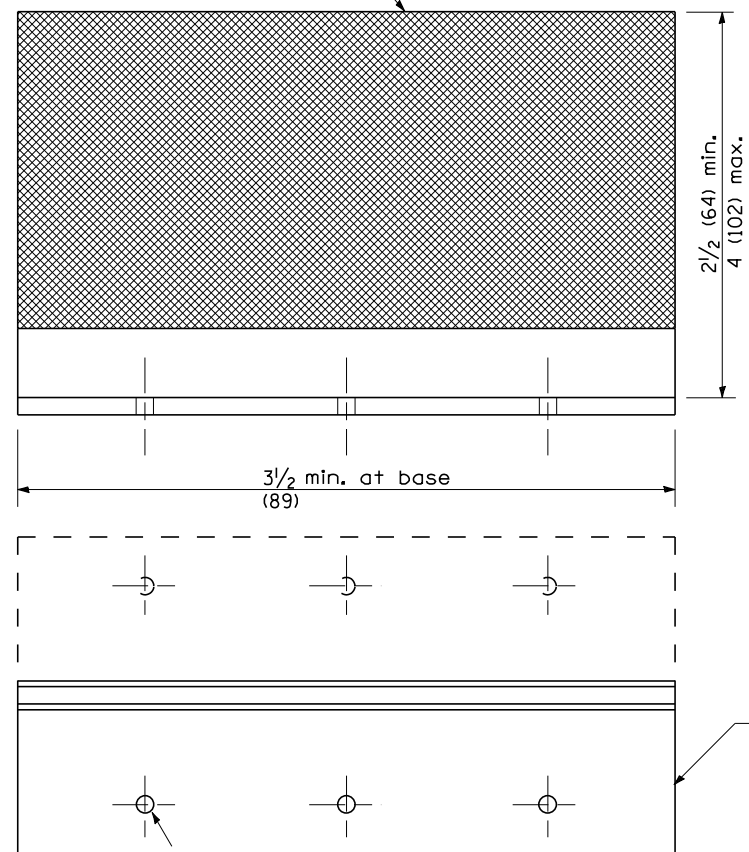


REFLECTOR MARKER TYPE B



REFLECTOR MARKER TYPE A

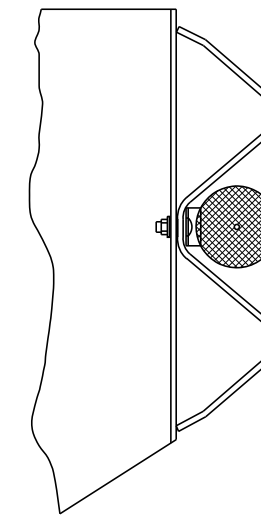
Min. reflective area 6 1/2 sq. in. (4,194 mm²) each side. May be rectangular or slight trapezoid.



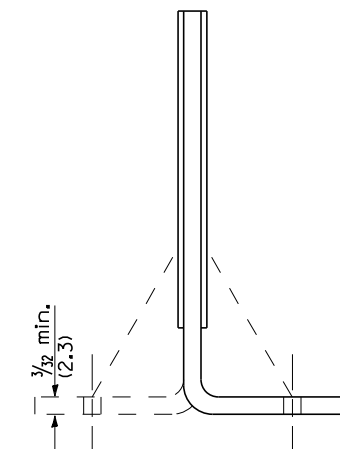
REFLECTOR MARKER TYPE C

3 min. adhesive weep holes or slots each side, variable spacing.

Minimum total area of base 7.0 Sq. in. (4,516 mm²)



TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

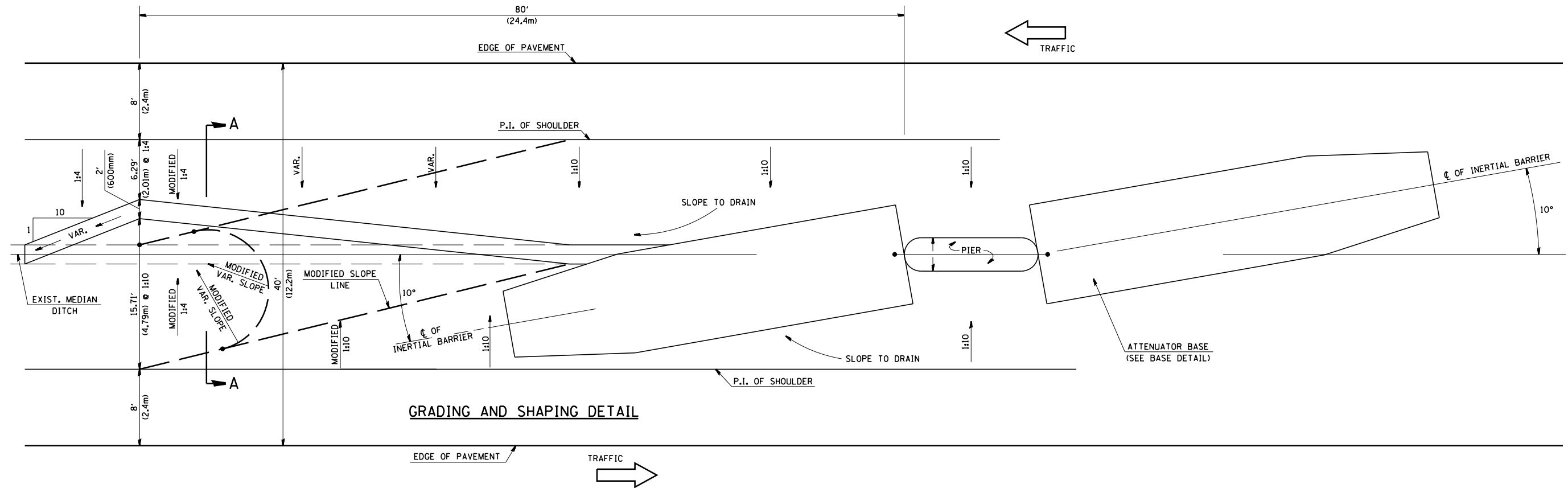
GUARDRAIL AND BARRIER WALL DELINEATION

NOT TO SCALE

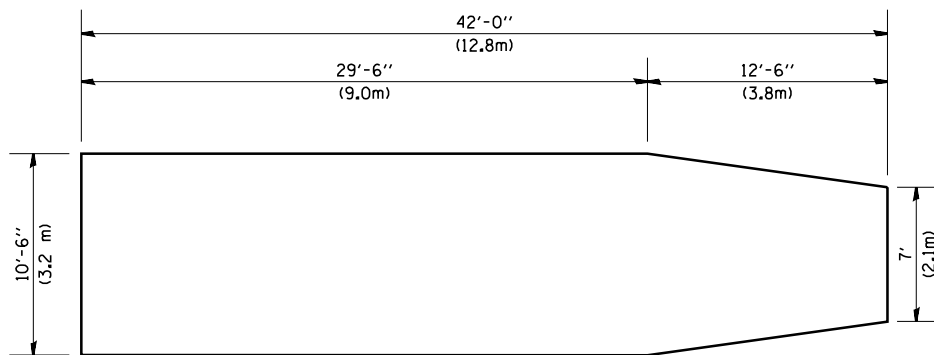
SHT. 3 OF 3
CADD STD. 635101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2130
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

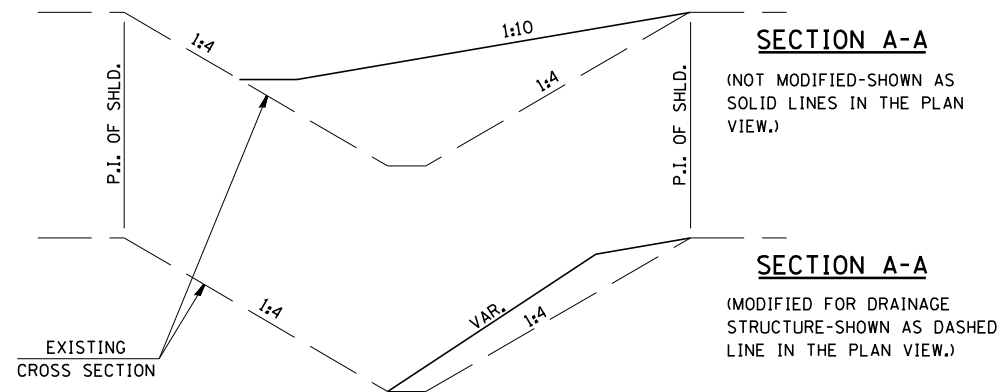
DETAIL OF INERTIAL BARRIERS (70 MPH DESIGN - 40' MEDIAN)



GRADING AND SHAPING DETAIL



BASE DETAIL



SECTION A-A

(NOT MODIFIED-SHOWN AS SOLID LINES IN THE PLAN VIEW.)

SECTION A-A

(MODIFIED FOR DRAINAGE STRUCTURE-SHOWN AS DASHED LINE IN THE PLAN VIEW.)

GENERAL NOTES

1. ALL 1:10 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 1:10 OR FLATTER.
2. ANY EXISTING DRAINAGE STRUCTURES LOCATED WITHIN THE 80' (24.4m) WORKING AREA SHALL BE MODIFIED OR LEFT IN PLACE AS SHOWN ON THE PLANS, WHERE THE EXISTING DRAINAGE STRUCTURES ARE TO REMAIN IN PLACE, THE SLOPES ARE TO BE CONSTRUCTED AS SHOWN AS MODIFIED SLOPES ON THIS DETAIL AND AS DIRECTED BY THE ENGINEER.
3. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
4. ATTENUATOR BASE AND BARREL ARRAY SHALL BE INSTALLED IN ACCORDANCE WITH STATE STANDARD 643001 AND MANUFACTURER'S SPECIFICATIONS.
5. IN AREAS OF 1:10 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR WOOD POSTS SHALL BE PLACED AT 5' (1.5m) INTERVALS IN THE MEDIAN ϕ , SEE SPECIAL PROVISIONS.

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.

DESIGNER NOTES:
 1. Include BDE Special Provision "Impact Attenuators"
 2. Contact the Bridge Office about crash wall details if it needs to be raised.
 3. Designer should review Median Drainage.
 4. Verify Dist. STD No. for Design Speed & Median Width.

01-01-97	RENUM. F-3.02a, NEW REVISION BOX, REVISED	T.P.	03-15-12	REMOVED BARRELS	R.D.
	TITLE BOX, REVISED NOTES				
08-02	REVISED & ADDED	M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

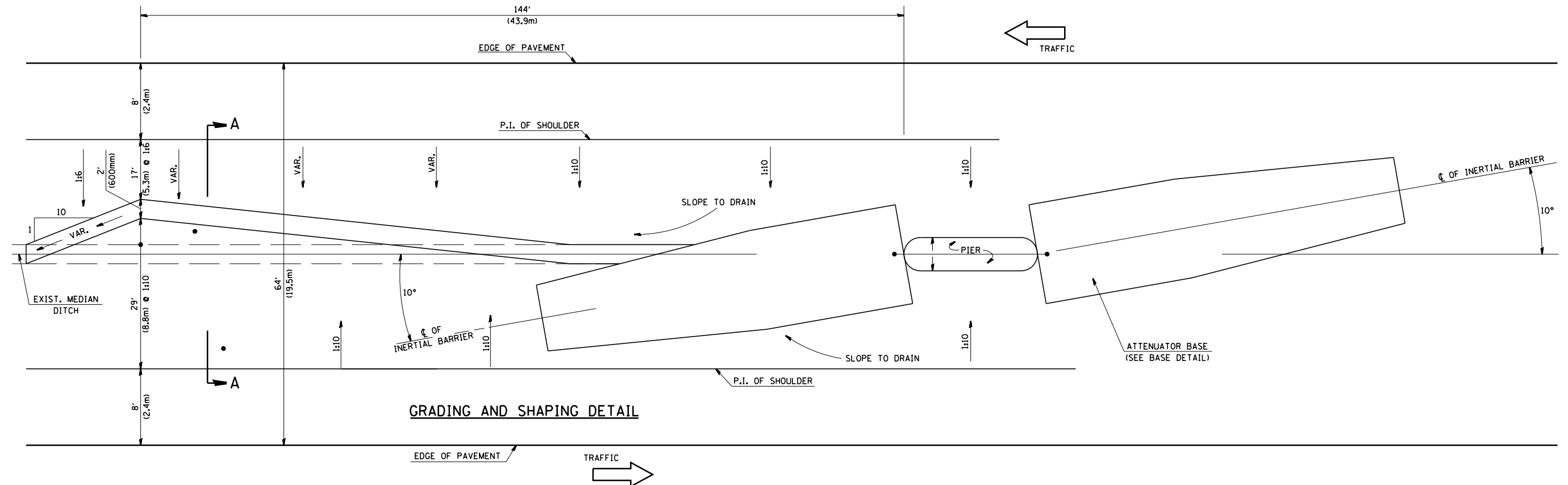
**MEDIAN SAND MODULE IMPACT ATTENUATOR
40' MEDIAN**

NOT TO SCALE

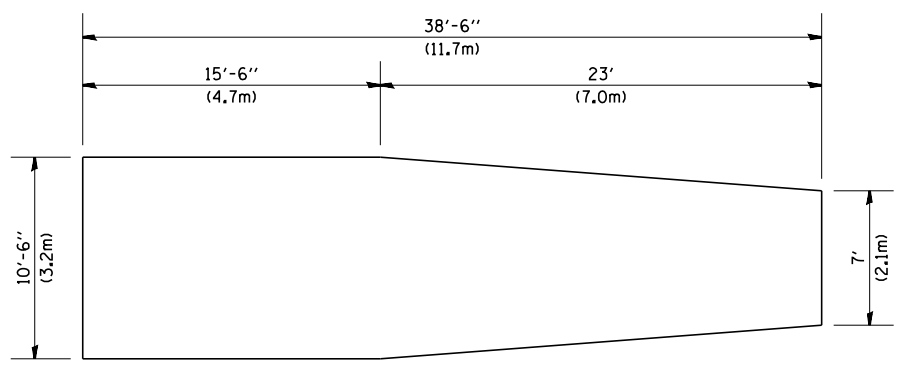
CADD STD. 650002-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	90-[14R]14HB-4,14,14HVB[BR]	TAZEWELL	2433	2131
CONTRACT NO. 68620				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

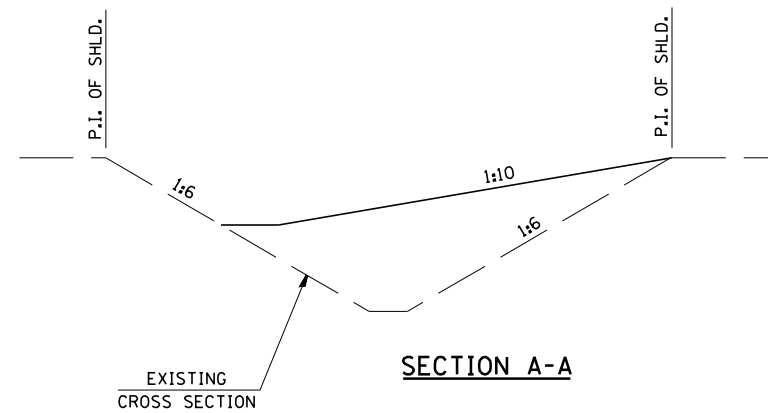
DETAIL OF INERTIAL BARRIERS (55 MPH DESIGN – 64' MEDIAN)



GRADING AND SHAPING DETAIL



BASE DETAIL



SECTION A-A

GENERAL NOTES

1. ALL 1:10 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 1:10 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. ATTENUATOR BASE AND BARREL ARRAY SHALL BE INSTALLED IN ACCORDANCE WITH STATE STANDARD 643001 AND MANUFACTURER'S SPECIFICATIONS.
4. IN AREAS OF 1:10 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' (1.5m) INTERVALS IN THE MEDIAN ϕ . SEE SPECIAL PROVISIONS AND SCHEDULES.

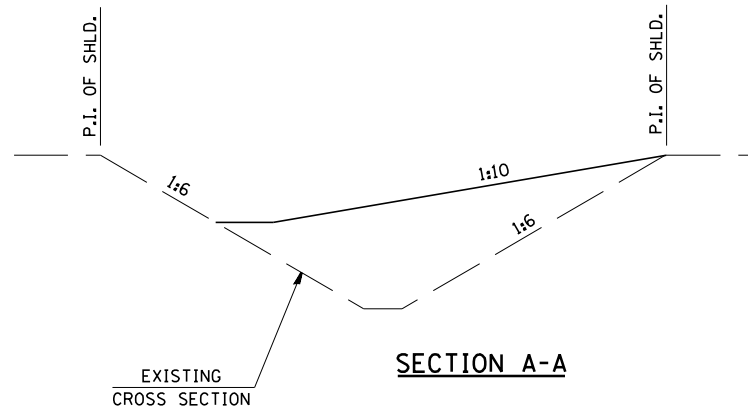
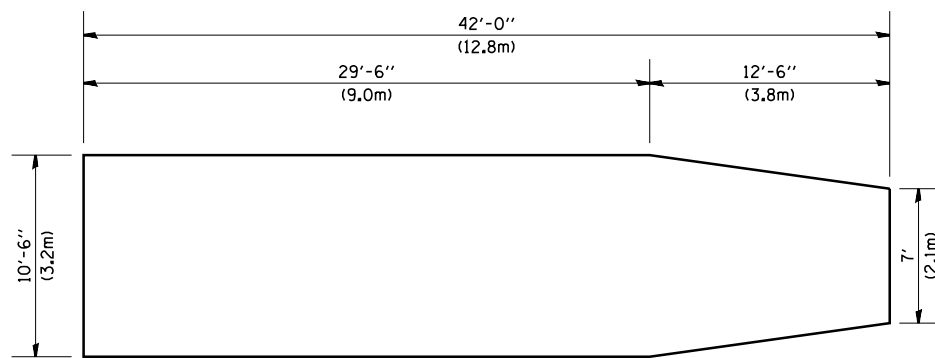
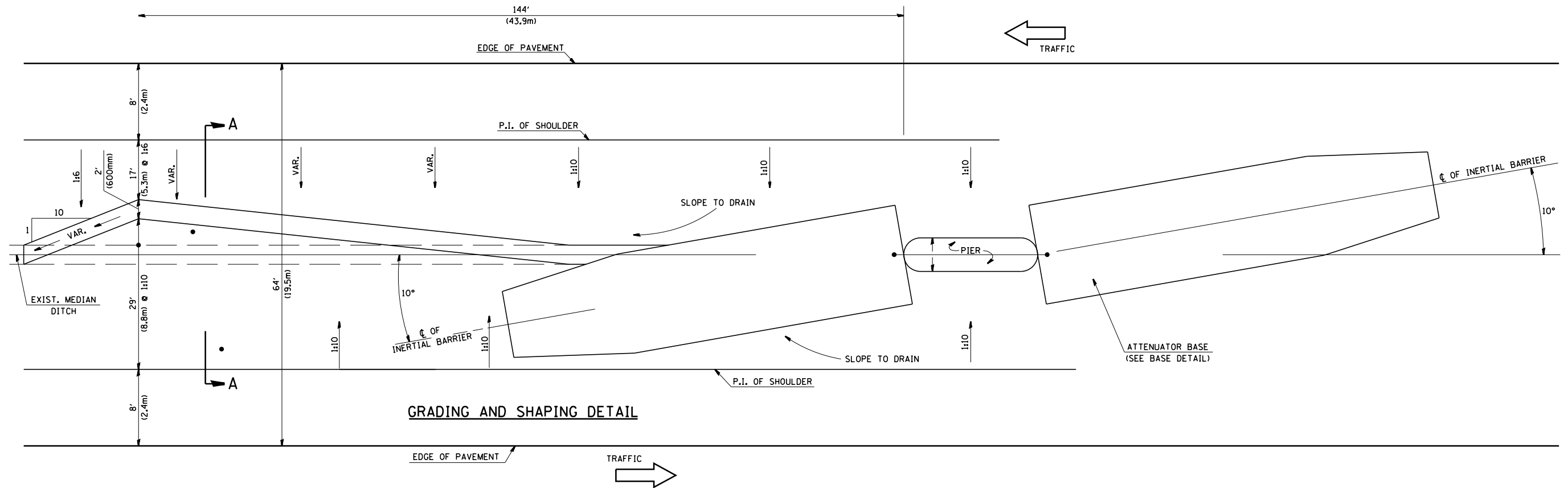
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H)

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

DESIGNER NOTES:
 1. Include BDE Special Provision "Impact Attenuators"
 2. Contact the Bridge Office about crash wall details if it needs to be raised.
 3. Designer should review Median Drainage.
 4. Verify Dist. STD No. for Design Speed & Median Width.

01-01-97	RENUM. F-3.02a, NEW REVISION BOX, REVISED	T.P.	03-15-12	REMOVED BARRELS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN SAND MODULE IMPACT ATTENUATOR 64' MEDIAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	TITLE BOX, REVISED NOTES												
08-02	REVISED & ADDED	M.A.								90-114R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2132
10-16-06	REVISED TO 2007 SPEC.	M.A.											
						NOT TO SCALE	CADD STD. 650003-D4	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 68620			

DETAIL OF INERTIAL BARRIERS (70 MPH DESIGN – 64' MEDIAN)



GENERAL NOTES

1. ALL 1:10 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 1:10 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. ATTENUATOR BASE AND BARREL ARRAY SHALL BE INSTALLED IN ACCORDANCE WITH STATE STANDARD 643001 AND MANUFACTURER'S SPECIFICATIONS.
4. IN AREAS OF 1:10 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' (1.5m) INTERVALS IN THE MEDIAN ϕ . SEE SPECIAL PROVISIONS AND SCHEDULES.

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.

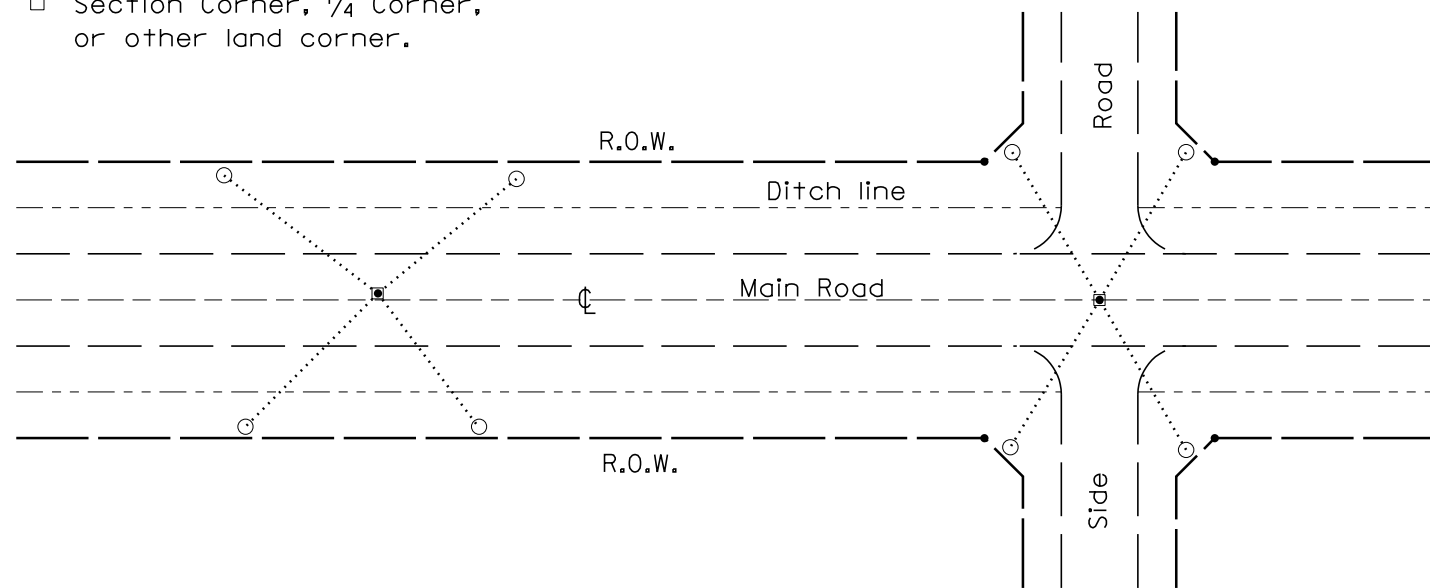
DESIGNER NOTES:

1. Include BDE Special Provision "Impact Attenuators"
2. Contact the Bridge Office about crash wall details if it needs to be raised.
3. Designer should review Median Drainage.
4. Verify Dist. STD No. for Design Speed & Median Width.

01-01-97	RENUM. F-3.02a, NEW REVISION BOX, REVISED	T.P.	03-15-12	REMOVED BARRELS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN SAND MODULE IMPACT ATTENUATOR 64' MEDIAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-02	REVISED	M.A.						90-114R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2133	
10-16-06	REVISED TO 2007 SPEC.	M.A.						CONTRACT NO. 68620		CADD STD. 650004-D4		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												

PERMANENT SURVEY TIES

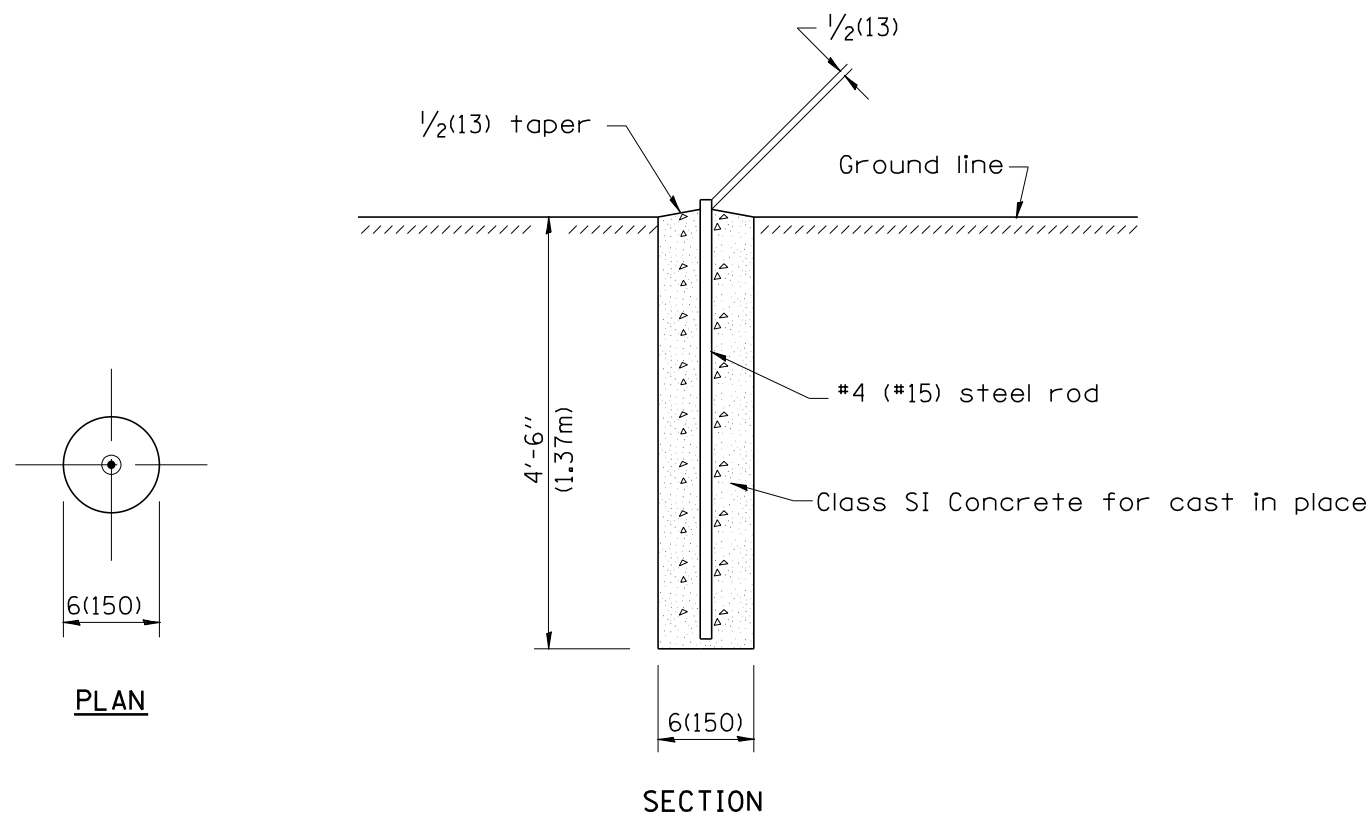
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



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 IDOT Chief of Surveys.

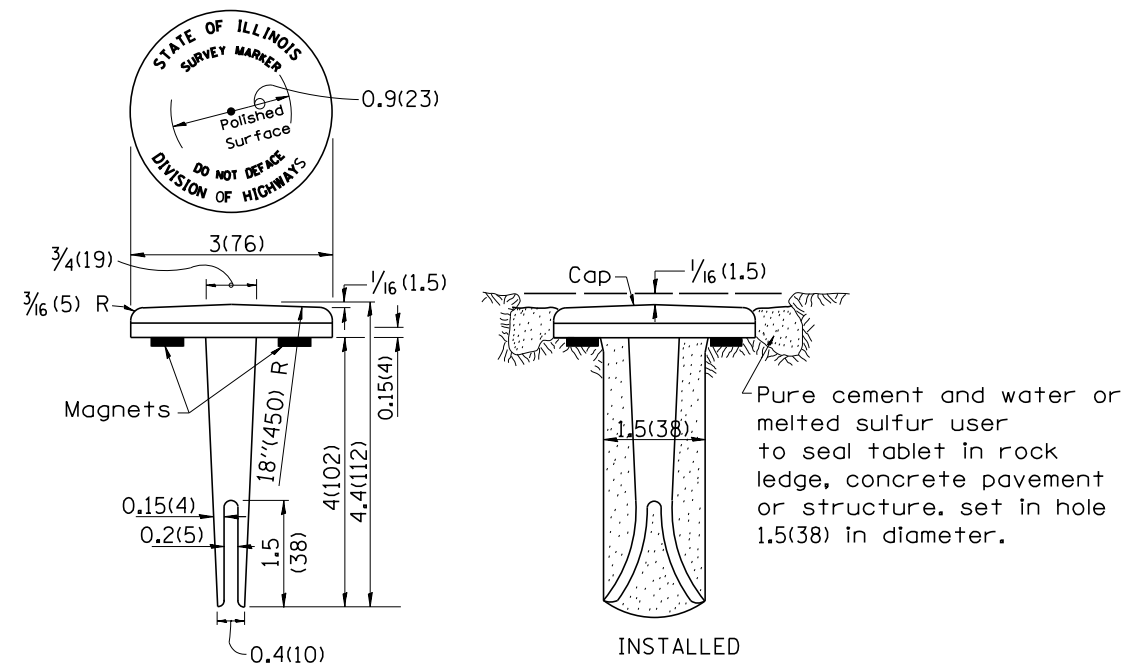


SECTION

PLAN

DESIGNER NOTES:
1. ADD DISTRICT SPECIAL PROVISION.
2. MODIFIES STATE STD 667101 TO CALL FOR "BRONZE" TABLET.

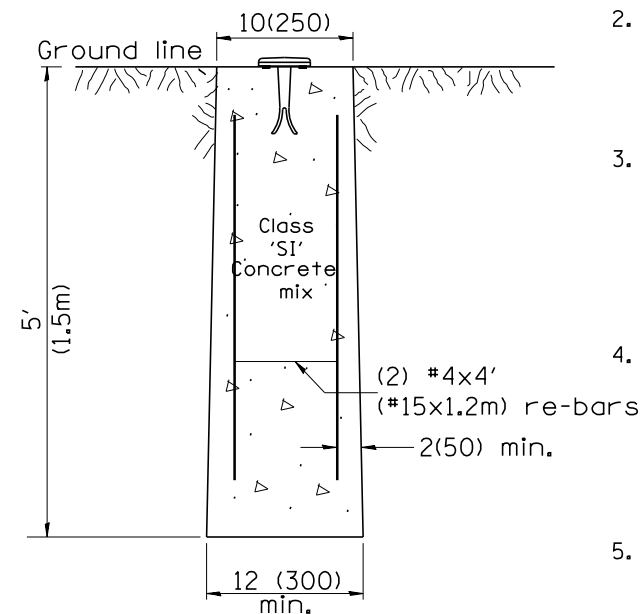
PERMANENT SURVEY MARKERS



BRONZE TABLET - No Scale 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 and P.C.'s 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.

01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
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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**PERMANENT SURVEY TIE &
PERMANENT SURVEY MARKERS TY.I - TY.II**

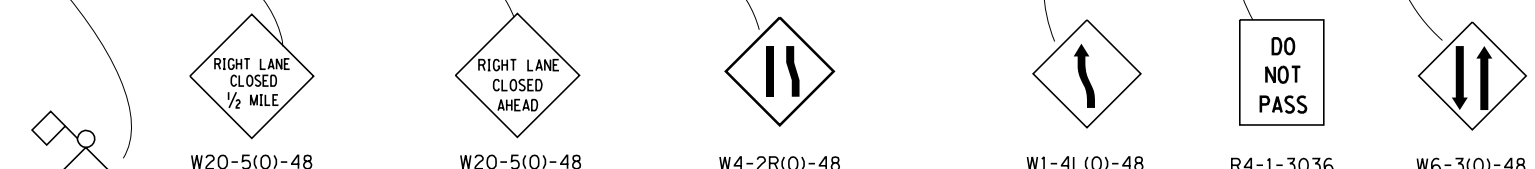
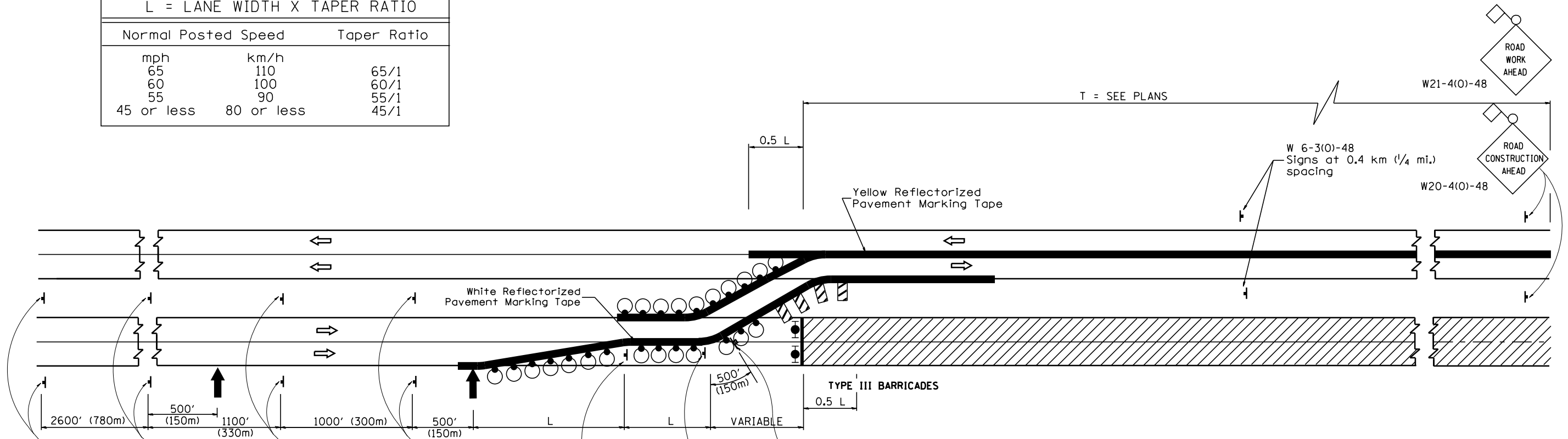
NOT TO SCALE

CADD STD. 667101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2134
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

DESIGNER NOTES:
 1. This drawing is applicable for use with stage construction where a 2-lane facility is being upgraded to 4-lanes
 2. Check with the District Bureau of Operations prior to using this drawing.
 3. Include District Special Provision.

L = LANE WIDTH X TAPER RATIO		
Normal Posted Speed		Taper Ratio
mph	km/h	
65	110	65/1
60	100	60/1
55	90	55/1
45 or less	80 or less	45/1



W20-5(0)-48 For Contract Construction Projects
 OR
 W20-1(0)-48
 W20-5(0)-48 For Maintenance and Utility Projects
 W21-4(0)-48

XX
 MPH
 W13-1(0)-2424
 (SEE NOTE 4)

- SYMBOLS**
- Arrow Board
 - Work Area
 - 450x450 (18x18) minimum Orange Flag
 - Sign on Portable or Permanent Support
 - Drum with Steady Burning Light
 - Vertical Panel
 - Barricade

GENERAL NOTES

- This Standard is used where, at anytime, any vehicle, equipment, workers or their activities require the closure of two adjacent lanes and a temporary crossover is provided by making use of one lane of pavement normally used by opposing flow of traffic and positive barrier is not used to separate the opposing traffic.
- Reflective, solid edge lines and a double yellow center-line shall be used when the closure time exceeds four days or when the normal posted speed outside the area of operations exceeds 50 mph (80kph). Reflectorized Pavement Marking tape shall be used for marking the edge lines and center line on existing pavement. Either tape or reflectorized pavement marking paint shall be used for markings on the paved crossovers. Raised Reflective Pavement Markers at 25 ft. (7.5m) centers shall also be installed to provide additional delineation. All existing pavement markings which conflict with the revised traffic pattern shall be removed.
- All drums and vertical panels shall be at 50 ft. (15m) centers.
- The speed limit to be shown on the advisory speed plate shall be 10 mph (15kph) below the normal posted speed limit or 45 mph (80kph), whichever is less.
- Signs mounted in the median may be omitted when the median is less than 10 ft (3m), wide.
- Steady burning lights will not be required on drums for day operations. All drum lights shall be mono-directional.
- All signs shall be post mounted if the closure time exceeds four days.
- Flashing lights shall be used on each approach in advance of the work area during hours of darkness and installed above the first two signs in each series.
- Longitudinal dimensions may be adjusted to fit field conditions.
- Form BT 725 is required.

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

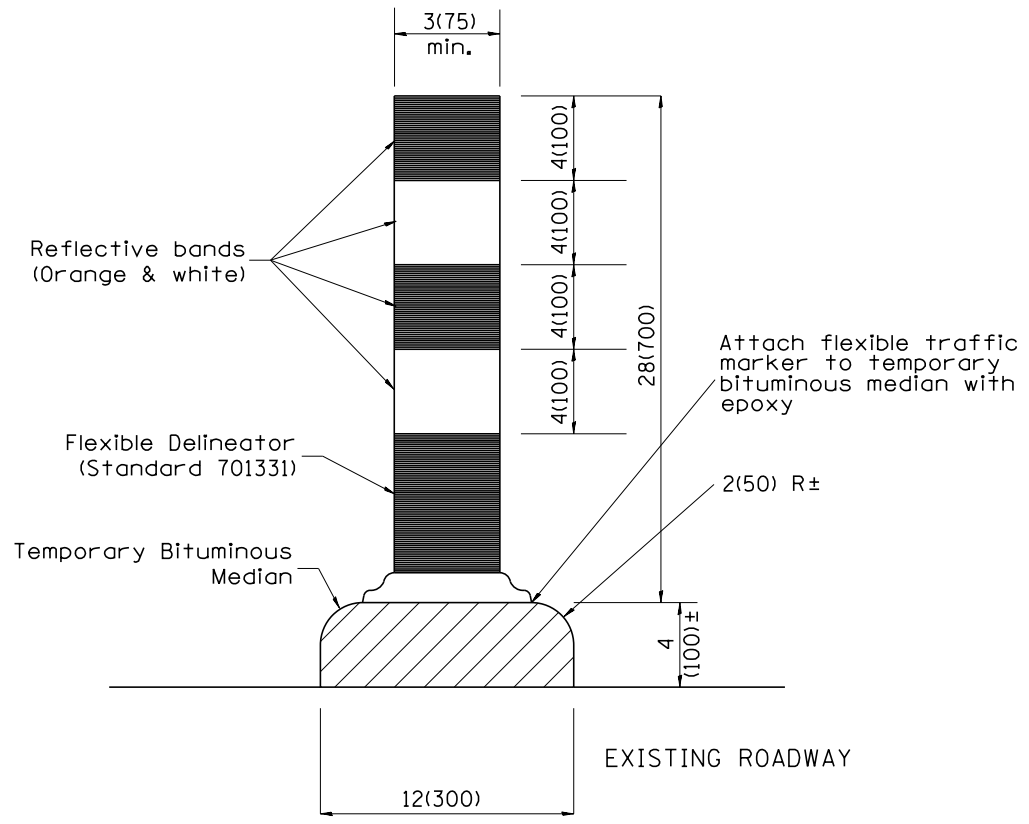
01-01-97	RENUM. F-6.22, NEW REVISION BOX, REVISED	T.P.																		
	DESIGNER NOTES																			
10-16-06	REVISED TO 2007 SPEC.	M.A.																		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

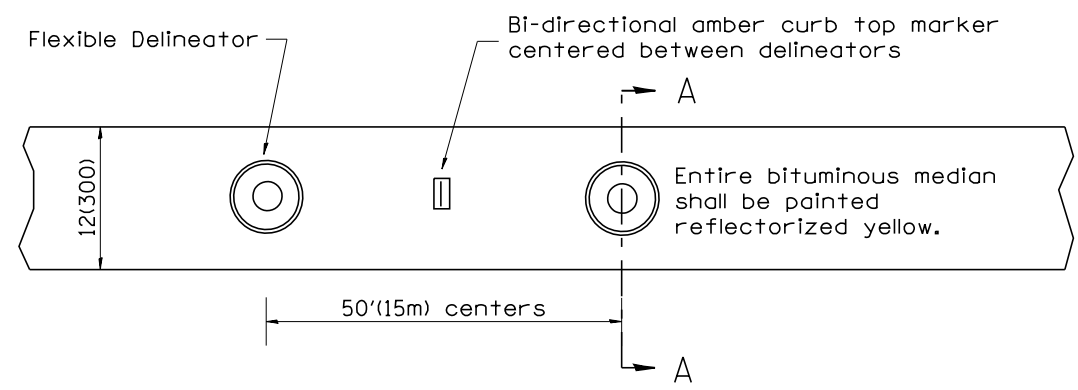
LANE CLOSURE, MULTILANE DIVIDED, WITH CROSSOVER FOR
 SPEEDS ≥ 45MPH (STANDARD 701416 SPECIAL)
 NOT TO SCALE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2135
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

DESIGNER NOTES:
 1. Include State Std. 702001
 2. Include District Special Provision.



SECTION A-A

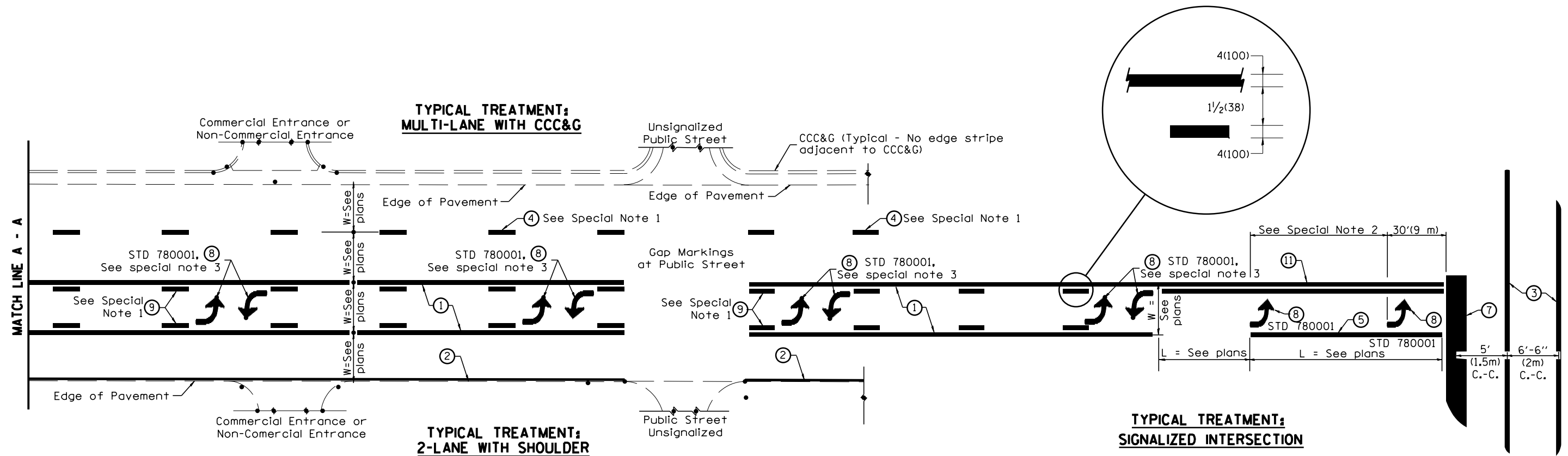


PLAN

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

01-01-97	RENUM. F-6.02, NEW REVISION BOX	T.P.			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY BITUMINOUS MEDIAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
10-16-06	REVISED TO 2007 SPEC.	M.A.					90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2136		
						NOT TO SCALE	CADD STD. 702001-D4		CONTRACT NO. 68620			
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				

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)

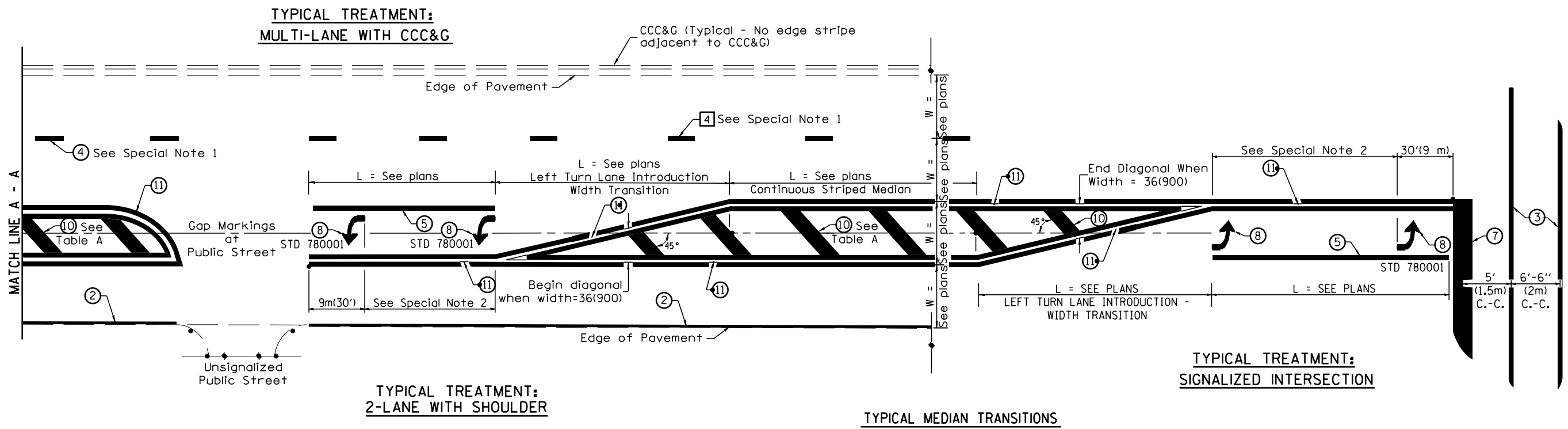
SPECIAL NOTES

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

GENERAL NOTES

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

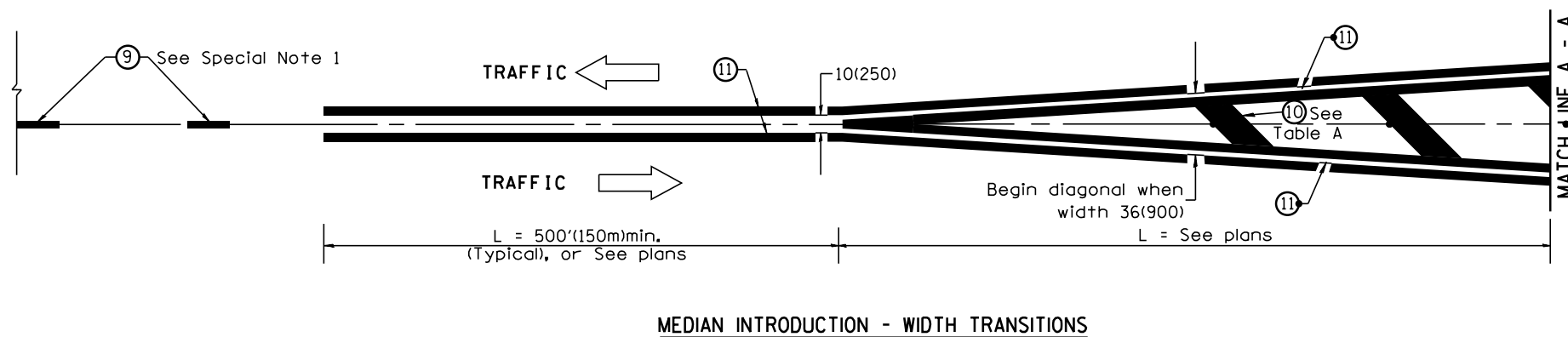
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	NOT TO SCALE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.						90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2140	
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.						CONTRACT NO. 68620				
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



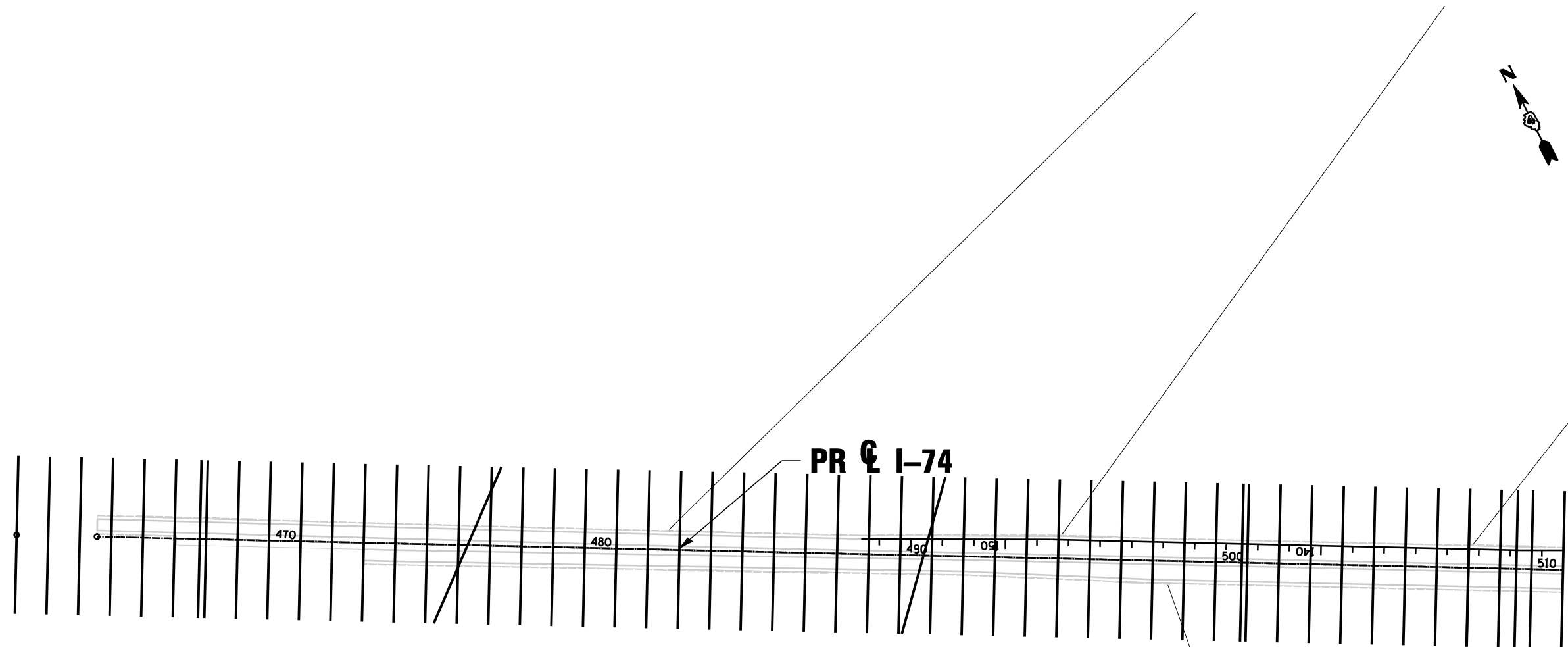
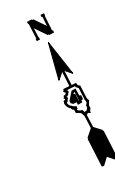
FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

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.



- MAINLINE CROSS SECTION PATTERN LINE
- RAMP AND SIDEROAD CROSS SECTION PATTERN LINE
- SEE GRADING PLANS FOR DETENTION BASINS
- CROSS SECTION MATCH LINE

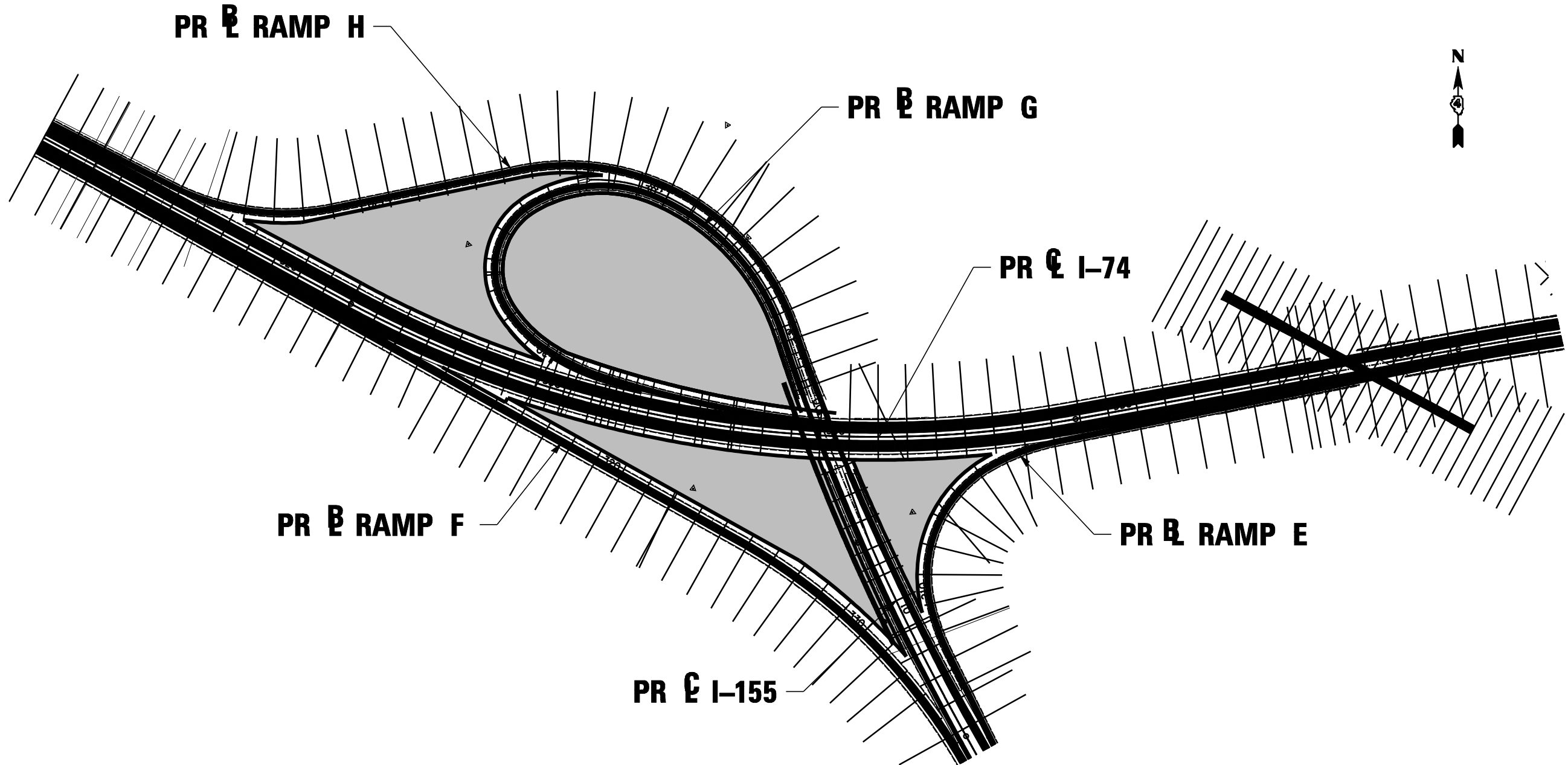
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USER NAME = toddblank	CHECKED - JNR	REVISED -
PLOT DATE = 7/19/2012	DATE - JULY 15, 2011	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

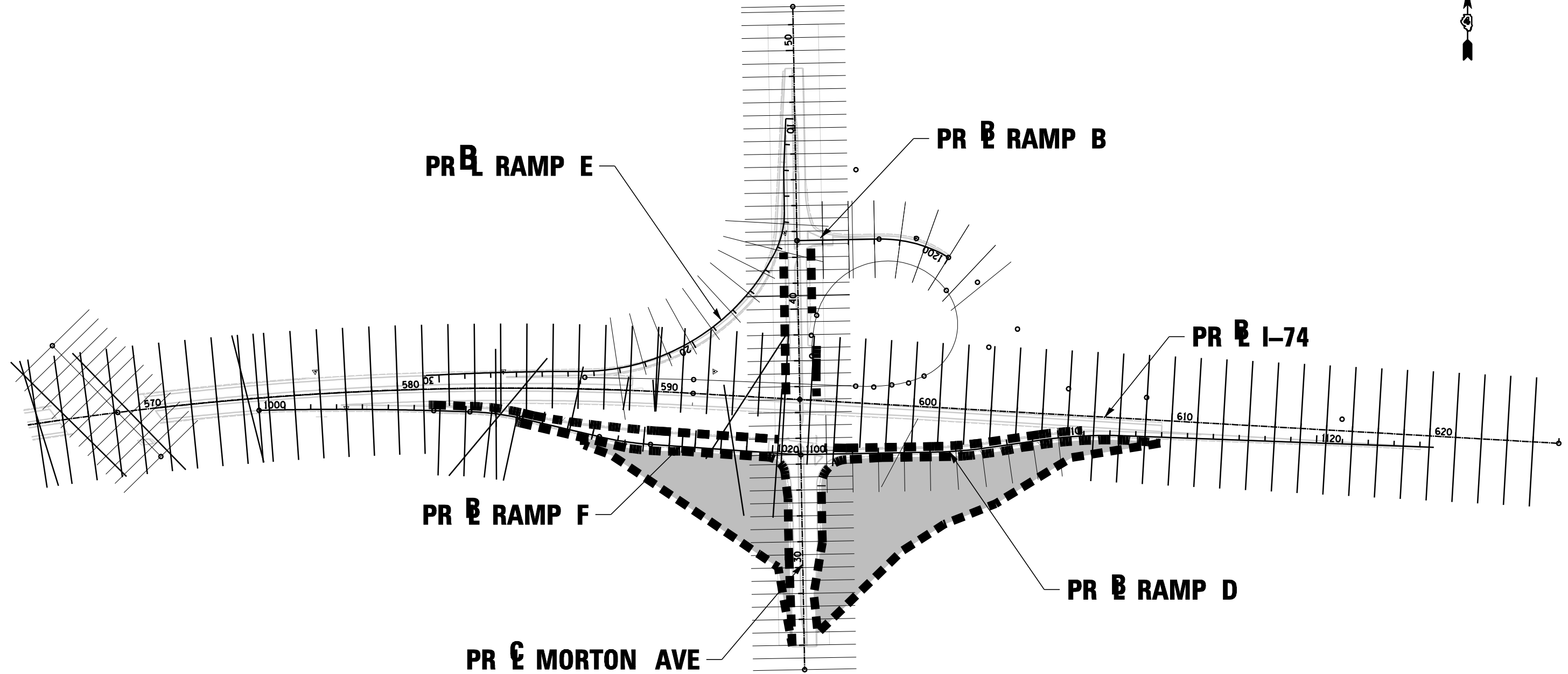
CROSS SECTION KEY PLAN			
SCALE: 1"=200'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	90-I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2142
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



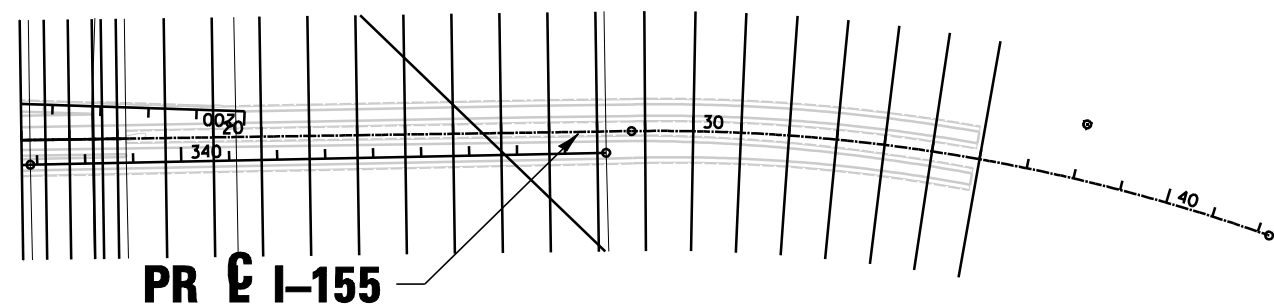
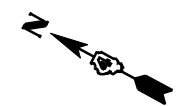
- MAINLINE CROSS SECTION PATTERN LINE
- RAMP AND SIDEROAD CROSS SECTION PATTERN LINE
- SEE GRADING PLANS FOR DETENTION BASINS
- ■ ■ ■ ■ ■ ■ ■ CROSS SECTION MATCH LINE





FILE NAME = ...\\D468620-sh1-xsection-Key-02.dgn	DESIGNED - JJT	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION KEY PLAN			F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME = toddblank	DRAWN - TMB	REVISED -						90-I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2143		
PLOT DATE = 7/19/2012	CHECKED - JNR	REVISED -			SCALE: 1"=200'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 68620		ILLINOIS FED. AID PROJECT	
DATE - JULY 15, 2011	REVIS	REVIS			• 74 & 155								



- MAINLINE CROSS SECTION PATTERN LINE
- RAMP AND SIDEROAD CROSS SECTION PATTERN LINE
- SEE GRADING PLANS FOR DETENTION BASINS
- CROSS SECTION MATCH LINE

FILE NAME = ...D468620-sh1-xsection-Key-03.dgn	DESIGNED - JJT DRAWN - TMB	REVISED - REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION KEY PLAN				F.A.I. RTE.:	SECTION 90-[14R(14HB-4,14,14HVB)BR]	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = toddblank	CHECKED - JNR	REVISED -		SCALE: 1"=200'	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS	TAZEWELL	2433	2144
PLOT DATE = 7/19/2012	DATE - JULY 15, 2011	REVISED -							FED. AID PROJECT	CONTRACT NO. 68620		



-  MAINLINE CROSS SECTION PATTERN LINE
-  RAMP AND SIDEROAD CROSS SECTION PATTERN LINE
-  SEE GRADING PLANS FOR DETENTION BASINS
-  CROSS SECTION MATCH LINE

FILE NAME =	DESIGNED - JJT	REVISED -
...\\D468620-sh-t-xsection-Key-04.dgn	DRAWN - TMB	REVISED -
USER NAME = toddblank	CHECKED - JNR	REVISED -
PLOT DATE = 7/19/2012	DATE - JULY 15, 2011	REVISED -

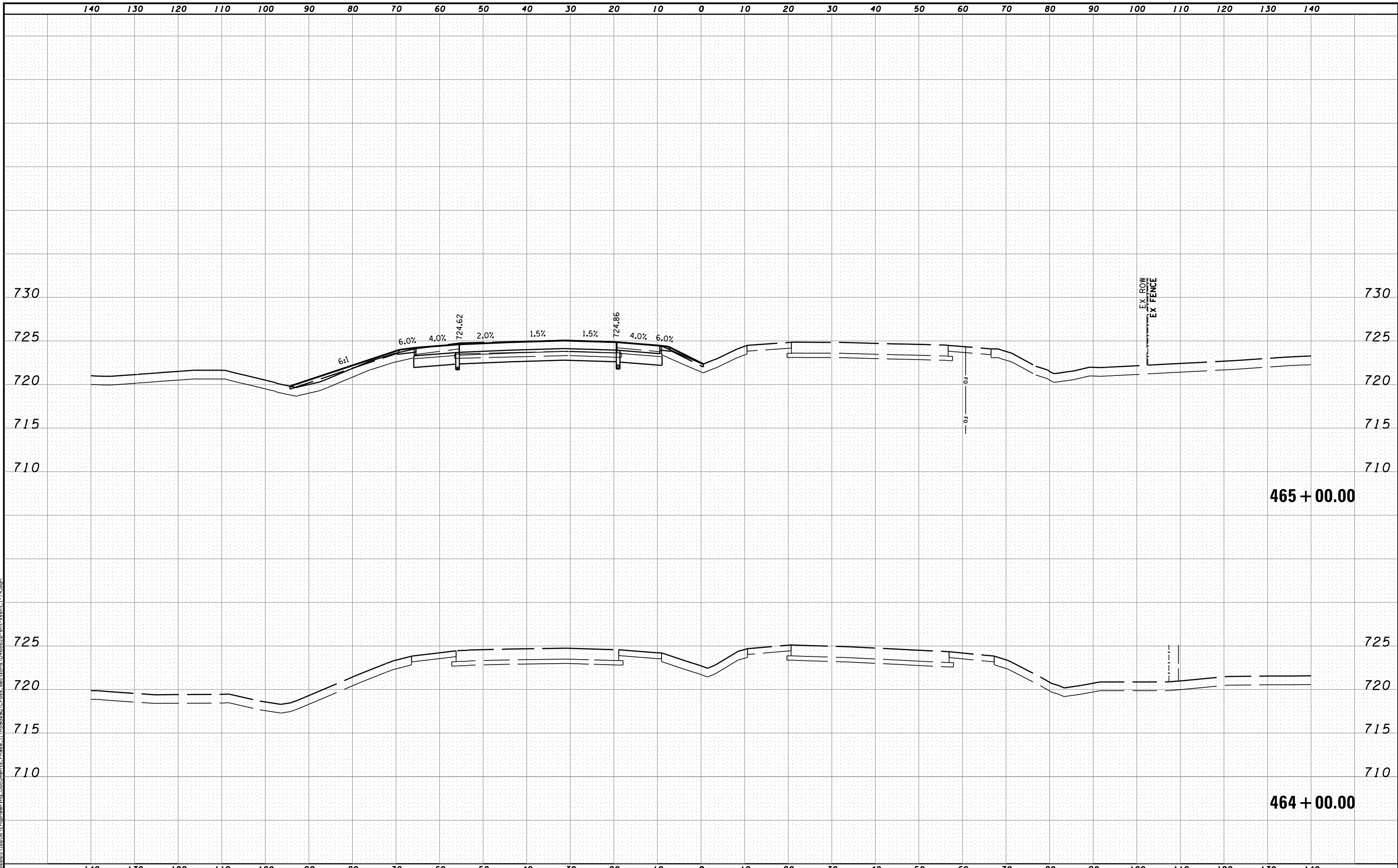


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION KEY PLAN

SCALE: 1"=200' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2145
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



MODEL NAME: XS_SHEET_temporary_model_name_1
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



STATE OF ILLINOIS
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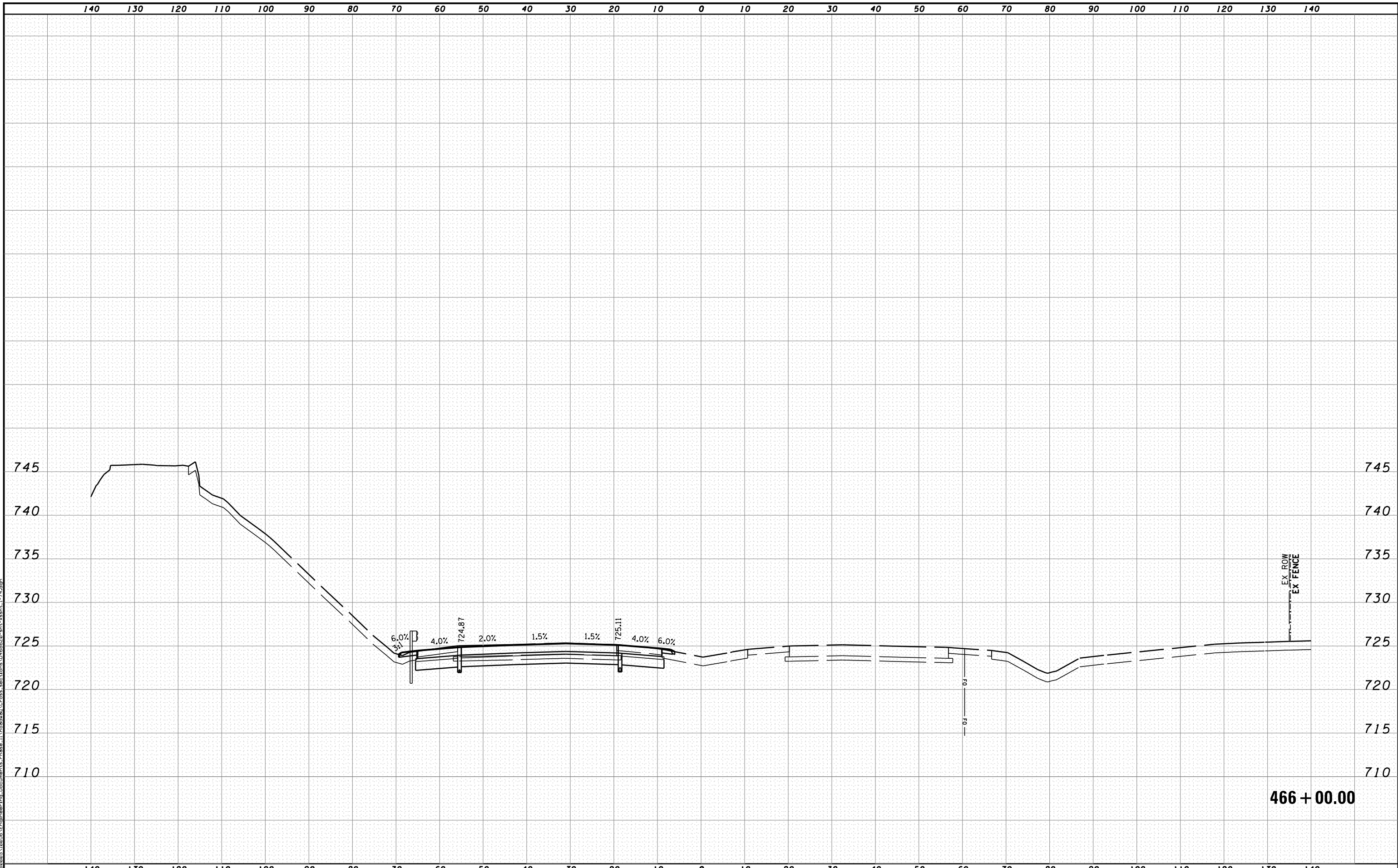
CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 1 OF 144 SHEETS STA. 464+00.00 TO STA. 465+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	[14R;14HB-4,14,14HVB]BR	TAZEWELL	2433	2146
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

465 + 00.00

464 + 00.00



466 + 00.00

MODEL NAME: XS_SHEET_temporary_model_name_2
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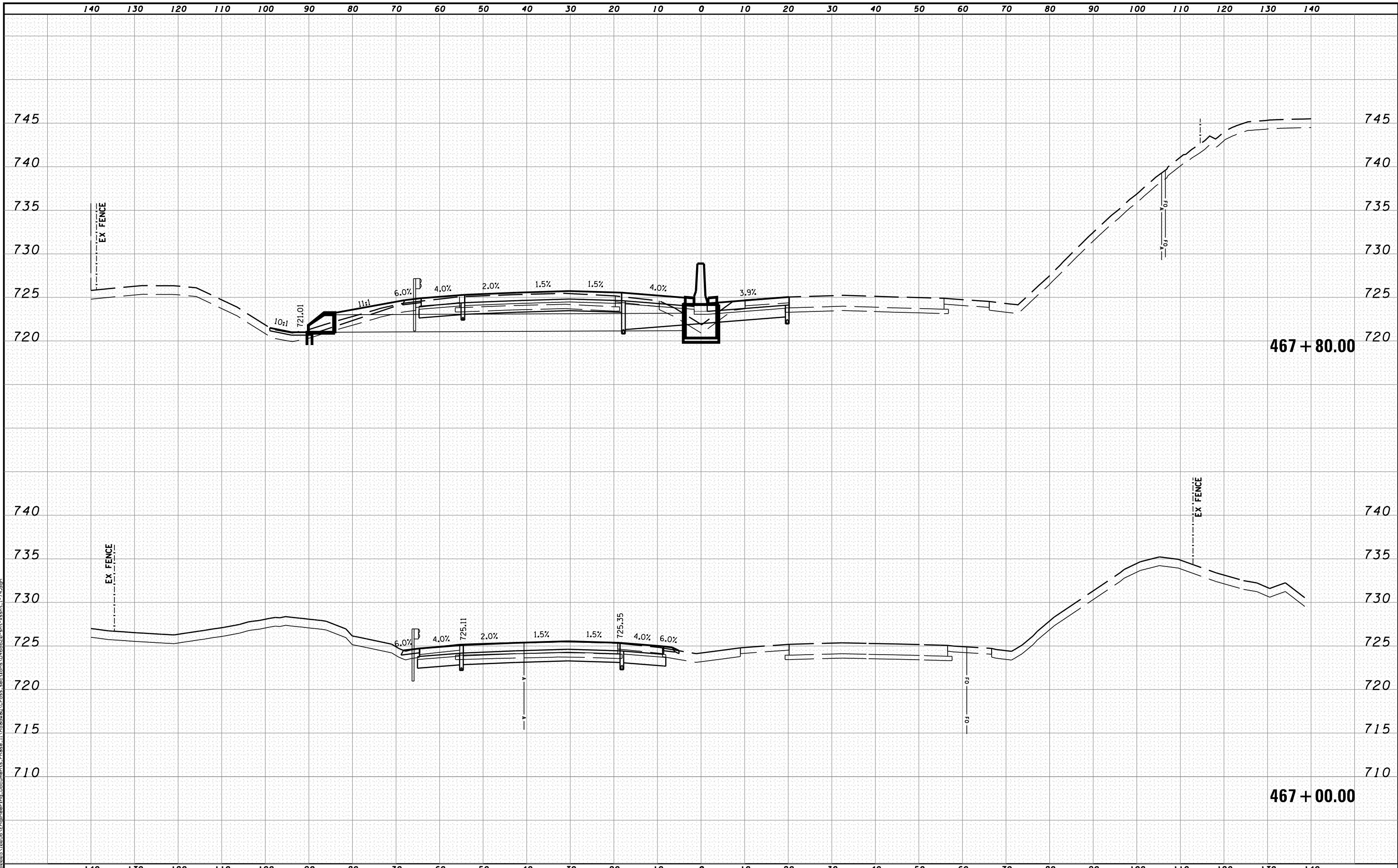


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 2 OF 144 SHEETS STA. 466+00.00 TO STA. 466+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14Rz(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2147
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_3
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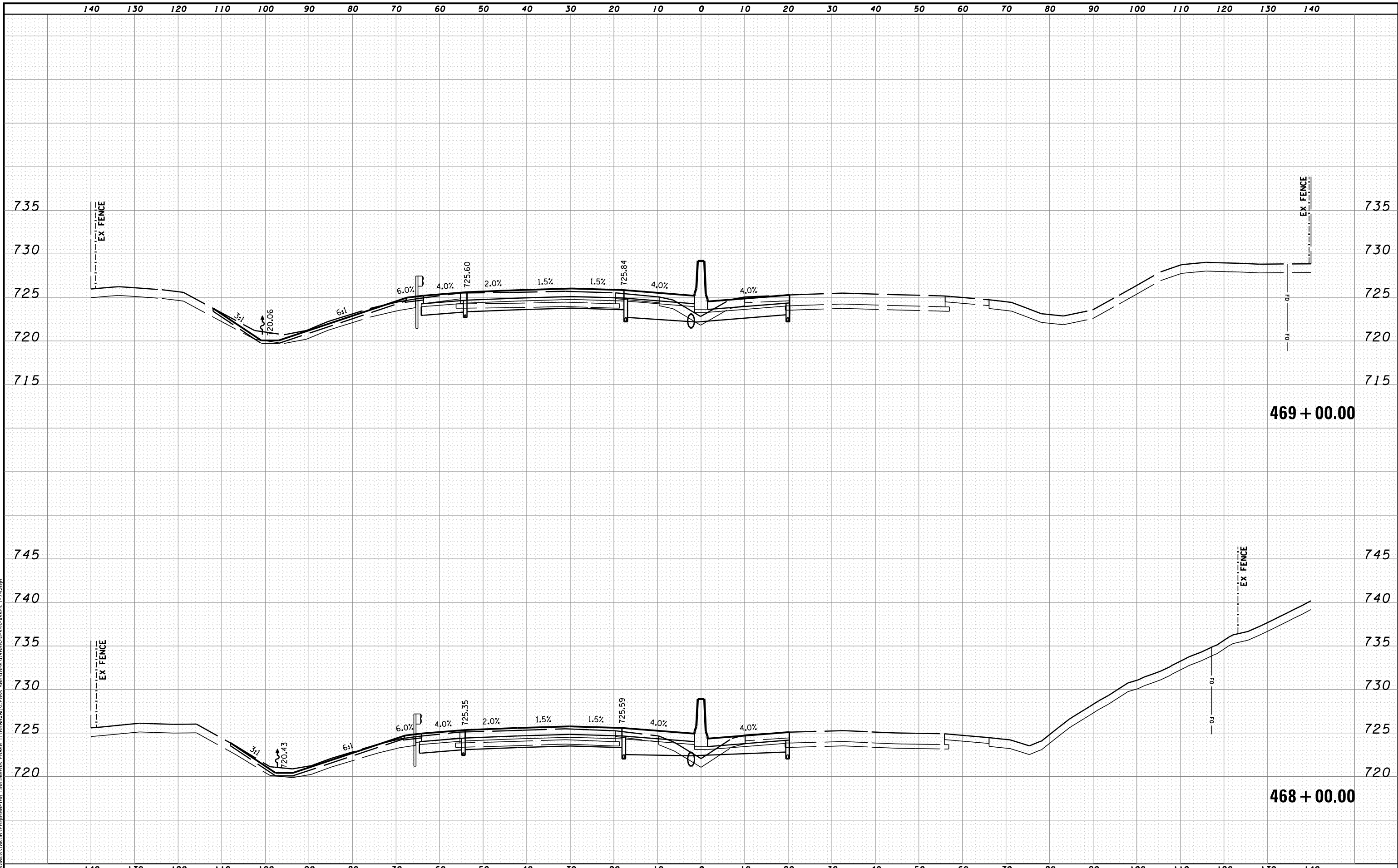
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



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CROSS SECTIONS I-74
 SCALE: H 1"=10', V 1"=5' SHEET NO. 3 OF 144 SHEETS STA. 467+00.00 TO STA. 467+80.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2148
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



MODEL NAME: XS_SHEET_temporary_model_name_4
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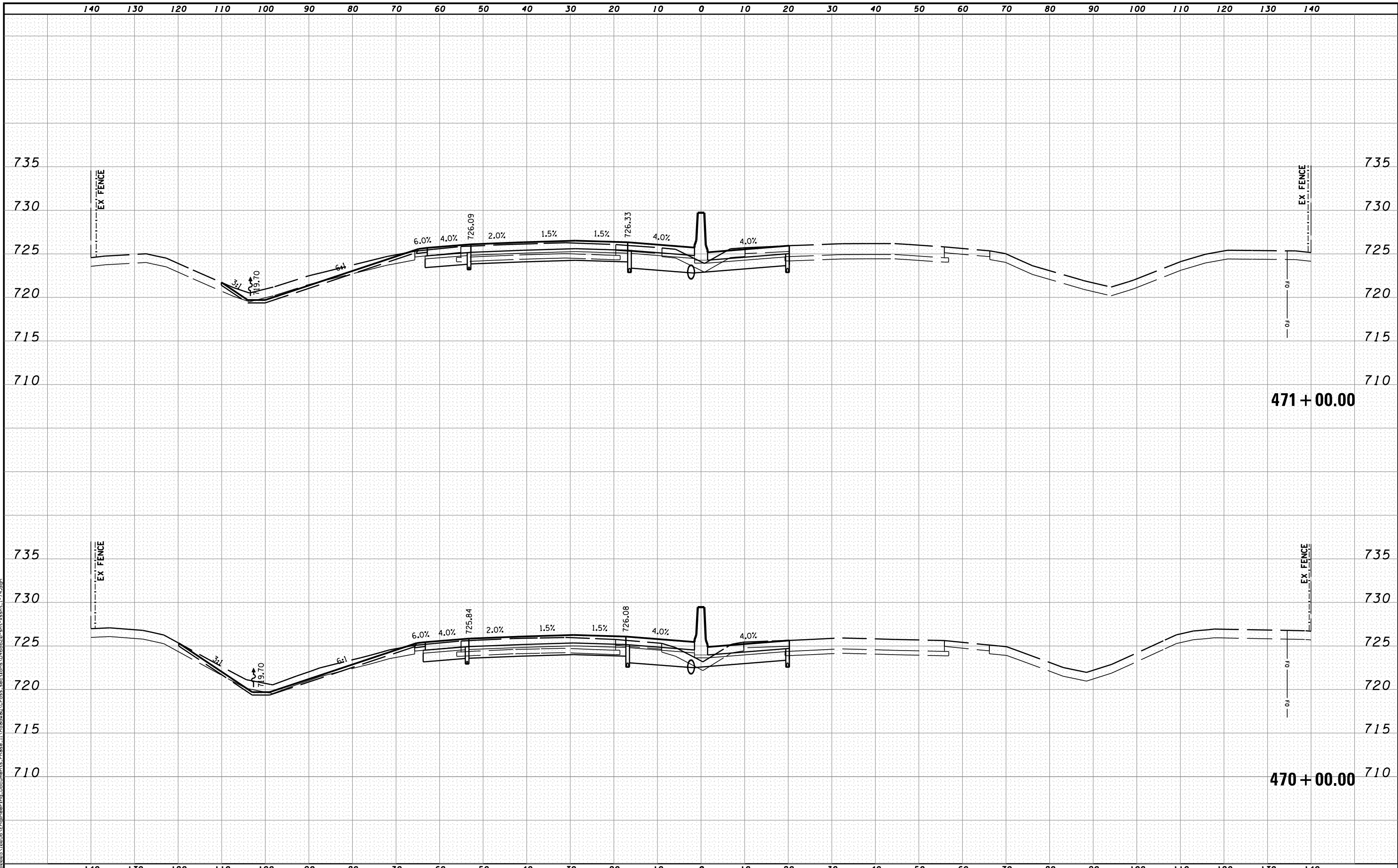


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 4 OF 144 SHEETS STA. 468+00.00 TO STA. 469+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2149
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_5
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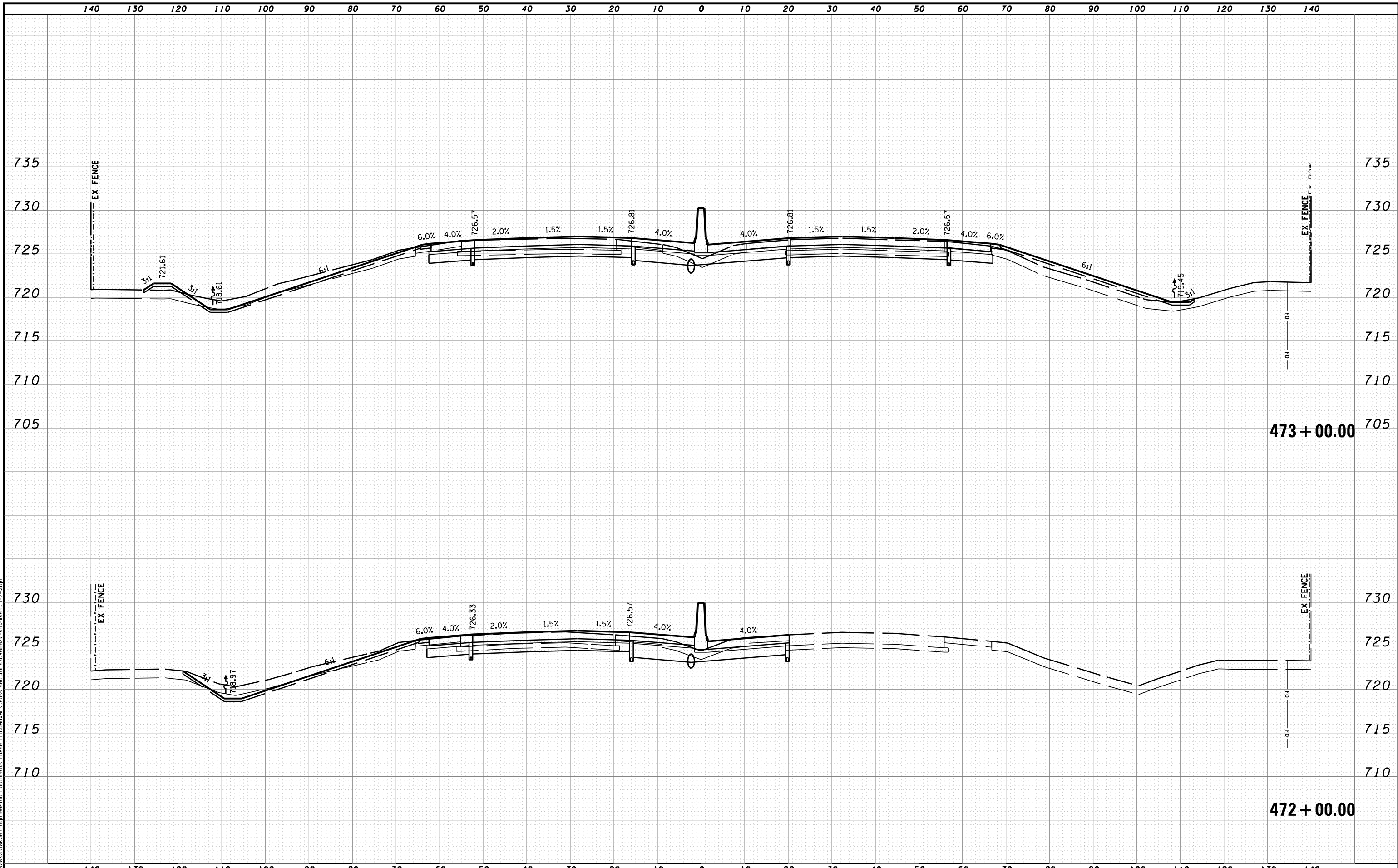


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 5 OF 144 SHEETS STA. 470+00.00 TO STA. 471+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2150
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_6
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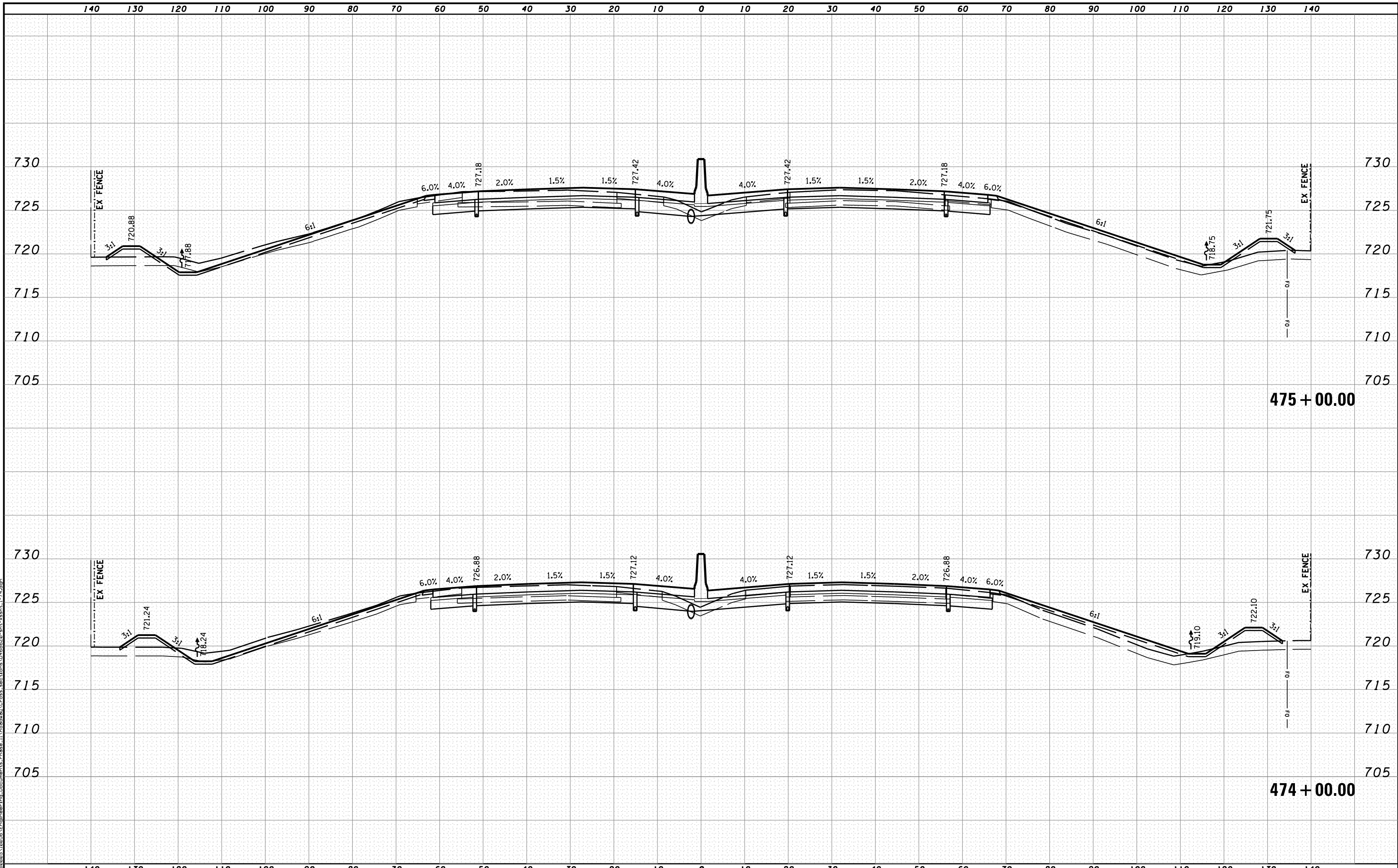


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 6 OF 144 SHEETS STA. 472+00.00 TO STA. 473+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2151
			CONTRACT NO. 68620	
<small>ILLINOIS FED. AID PROJECT</small>				



475 + 00.00

474 + 00.00

MODEL NAME: XS_SHEET_temporary_model_name_7
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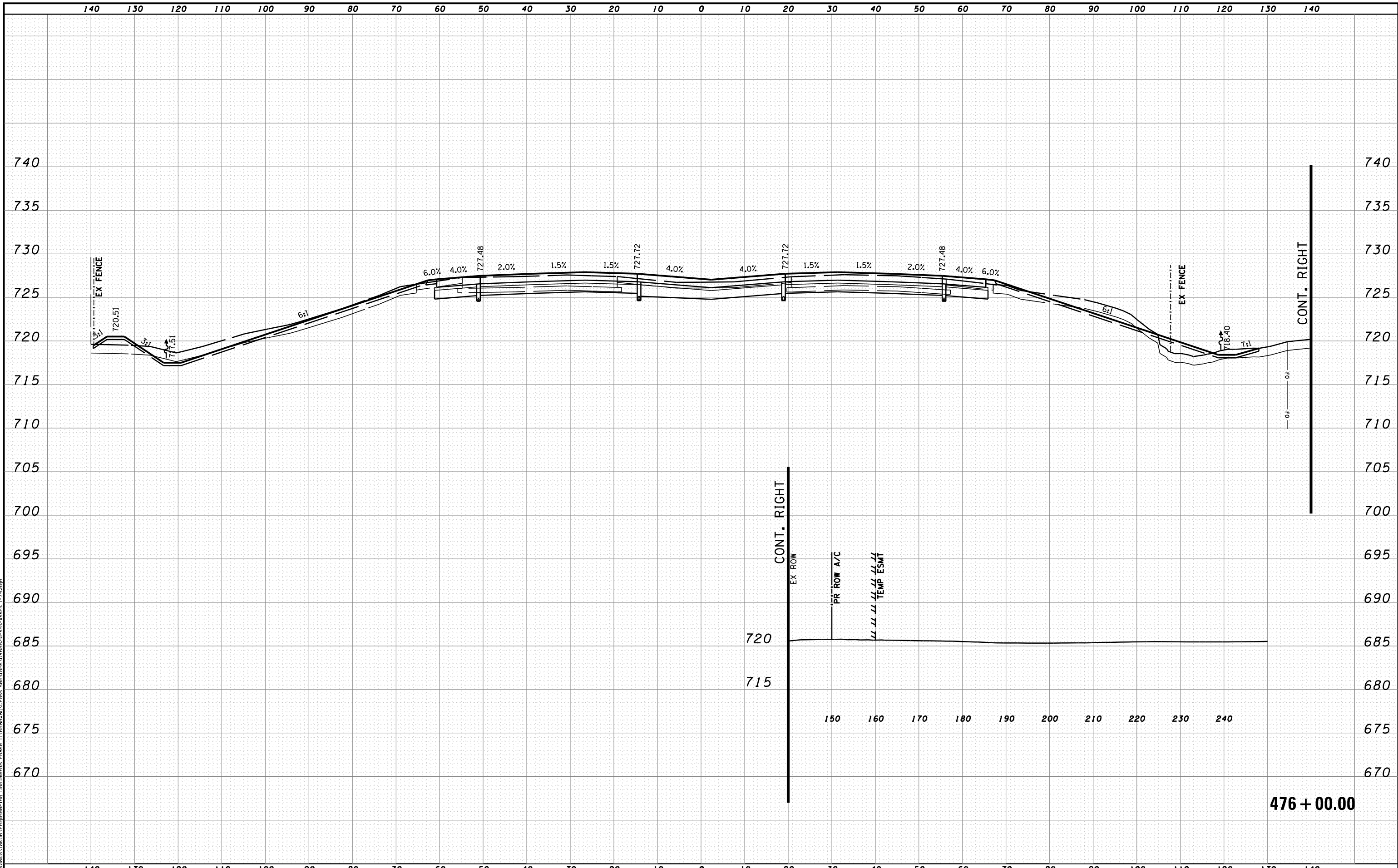


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 7 OF 144 SHEETS STA. 474+00.00 TO STA. 475+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HB)BR]		TAZEWELL	2433	2152
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name.B
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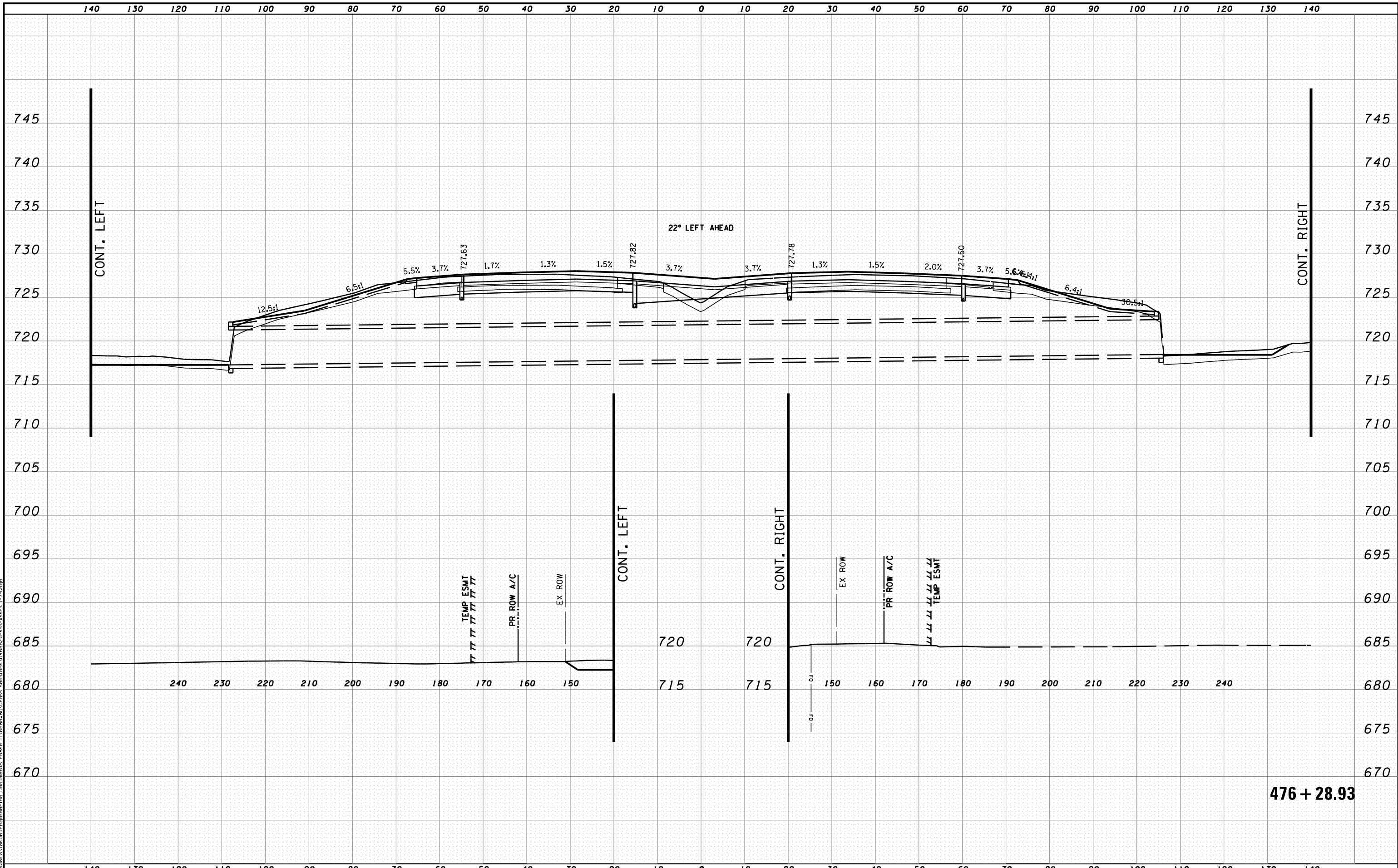


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 8 OF 144 SHEETS STA. 476+00.00 TO STA. 476+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2153	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_9
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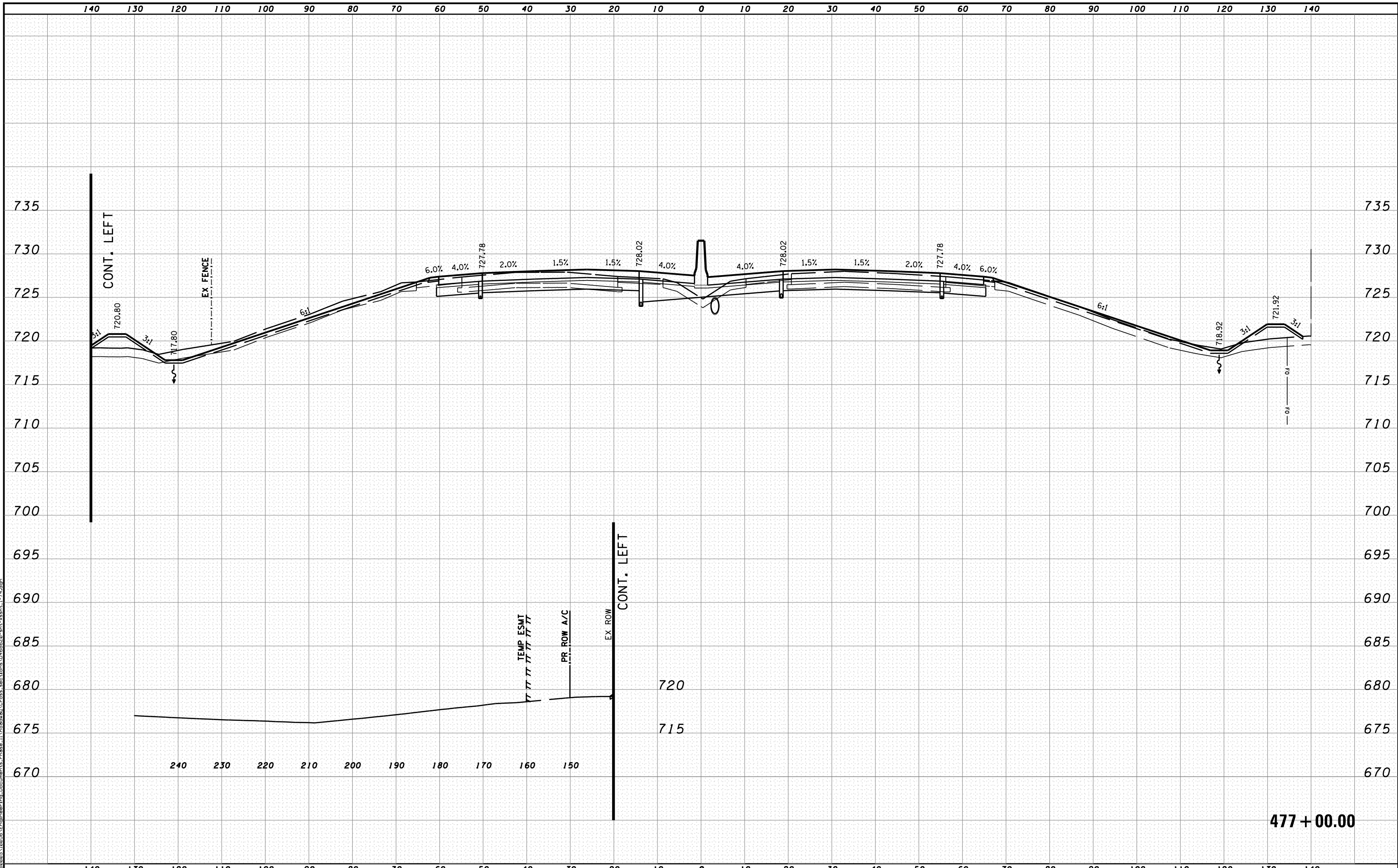


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DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 9 OF 144 SHEETS STA. 476+28.93 TO STA. 476+28.93

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2154	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name.10
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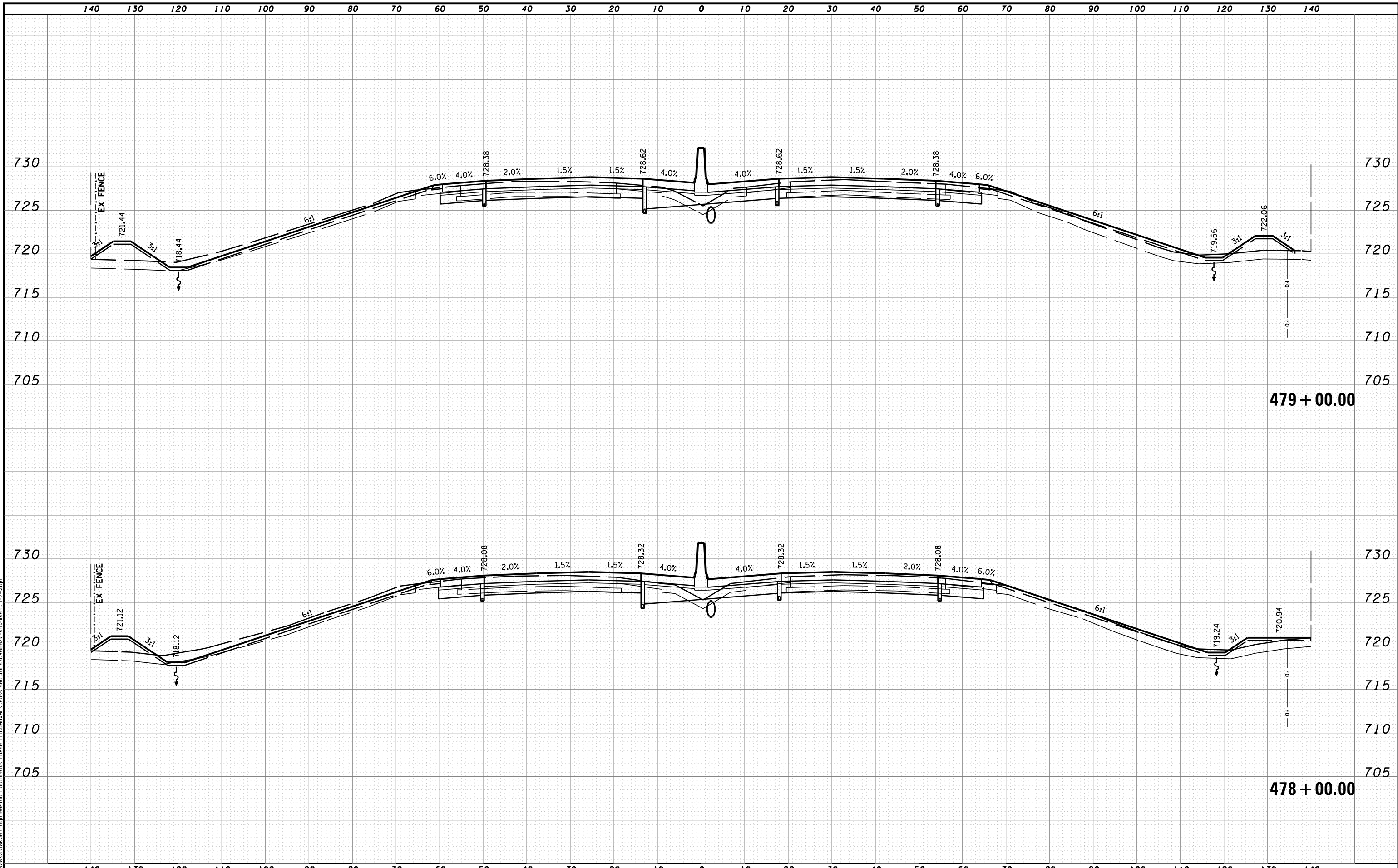


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 10 OF 144 SHEETS STA. 477+00.00 TO STA. 477+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,1,4,14HVB)BR	TAZEWELL	2433	2155
CONTRACT NO. 68620				



479 + 00.00

478 + 00.00

MODEL NAME: XS_SHEET_temporary_model_name_11
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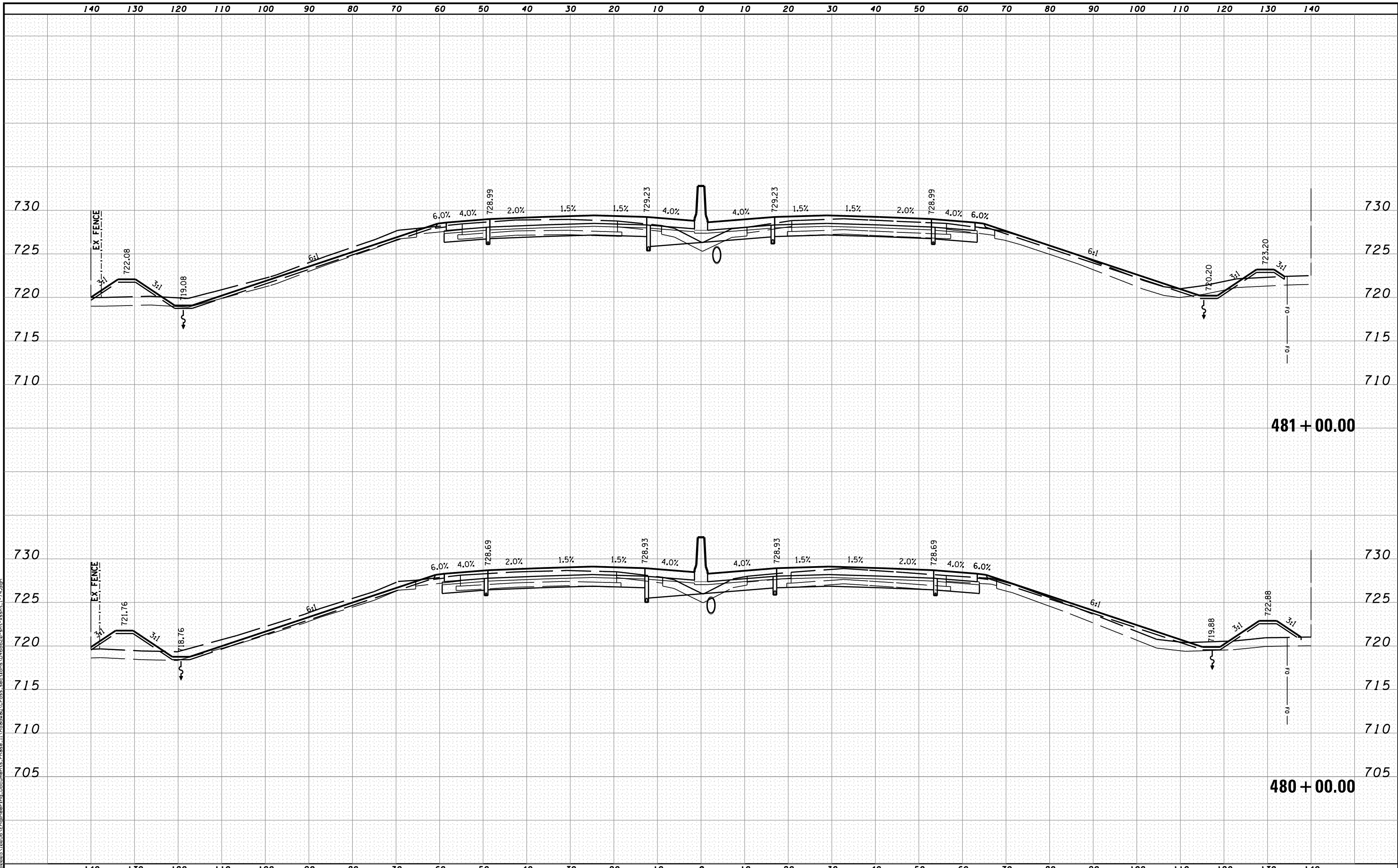


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 11 OF 144 SHEETS STA. 478+00.00 TO STA. 479+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,1,4,14HVB)BR	TAZEWELL	2433	2156
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_12
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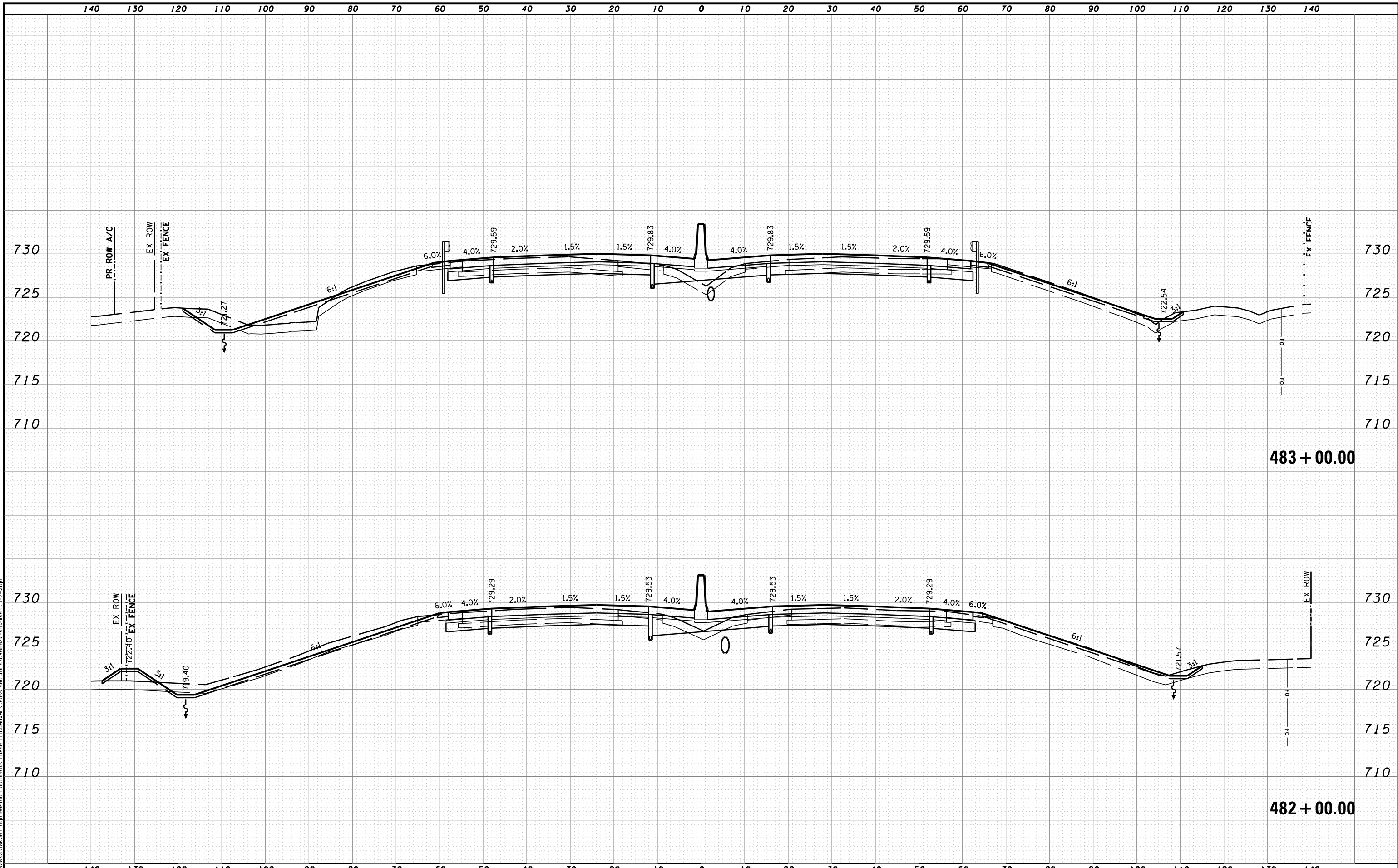


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 12 OF 144 SHEETS STA. 480+00.00 TO STA. 481+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR1	TAZEWELL	2433	2157
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name.13
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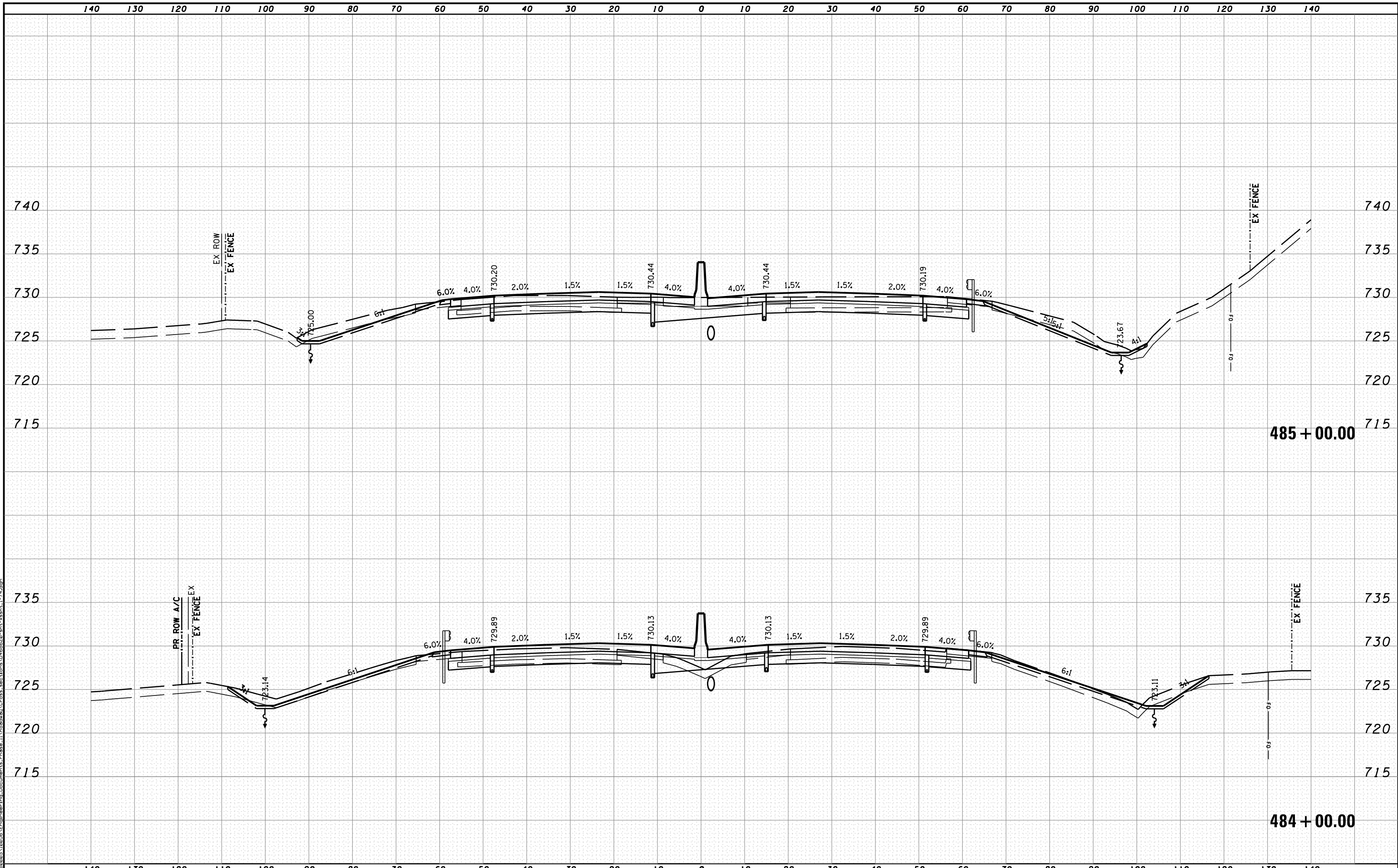


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 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 13 OF 144 SHEETS STA. 482+00.00 TO STA. 483+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2158
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_14
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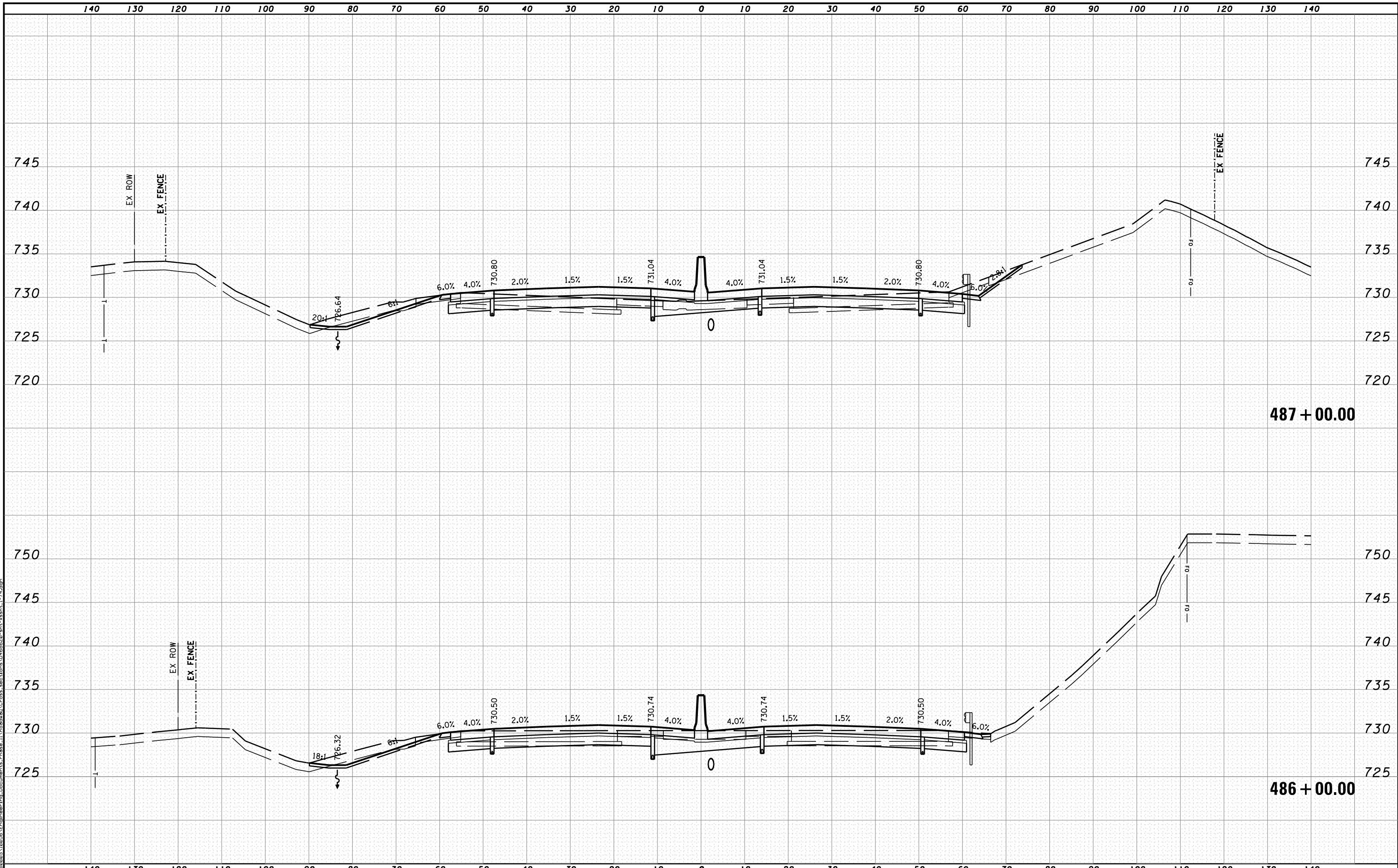


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 14 OF 144 SHEETS STA. 484+00.00 TO STA. 485+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2159	
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



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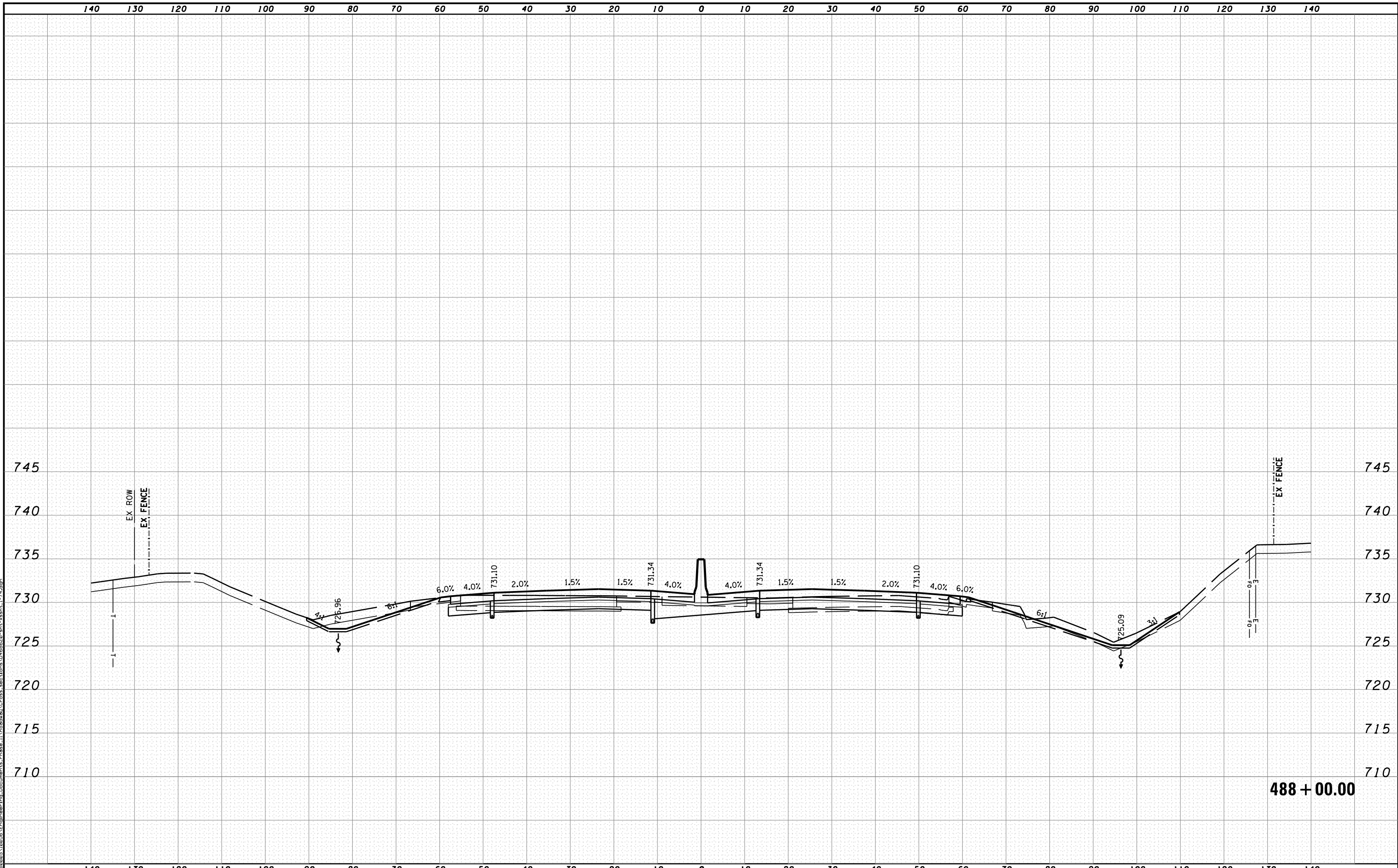


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 15 OF 144 SHEETS STA. 486+00.00 TO STA. 487+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2160
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_16
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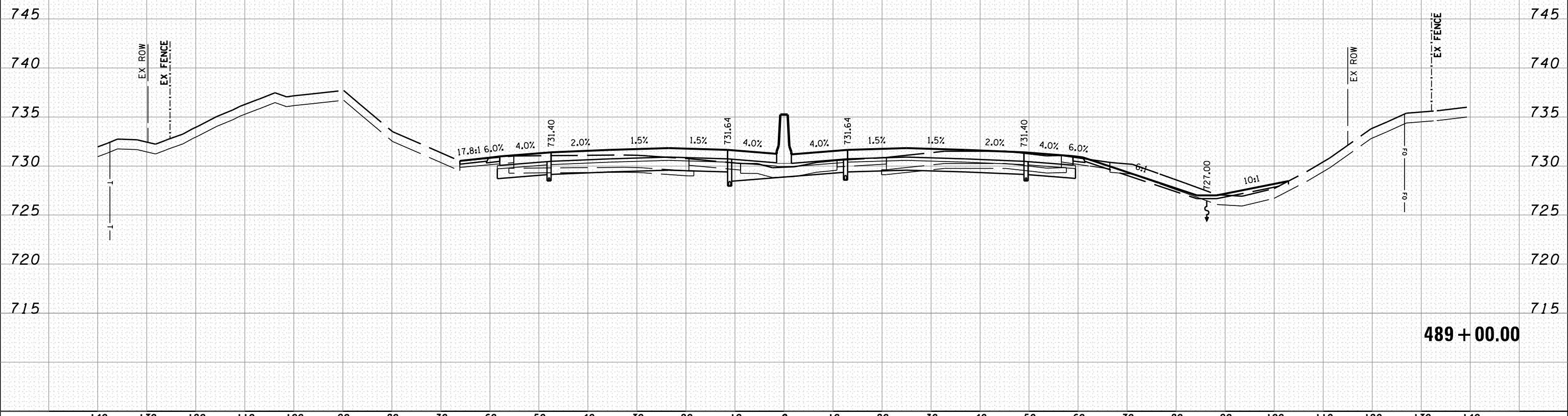
STATE OF ILLINOIS
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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 16 OF 144 SHEETS STA. 488+00.00 TO STA. 488+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R](14HB-4,14,14HVB)BR]		TAZEWELL	2433	2161
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



489 + 00.00

MODEL NAME: XS_SHEET_temporary_model_name.17
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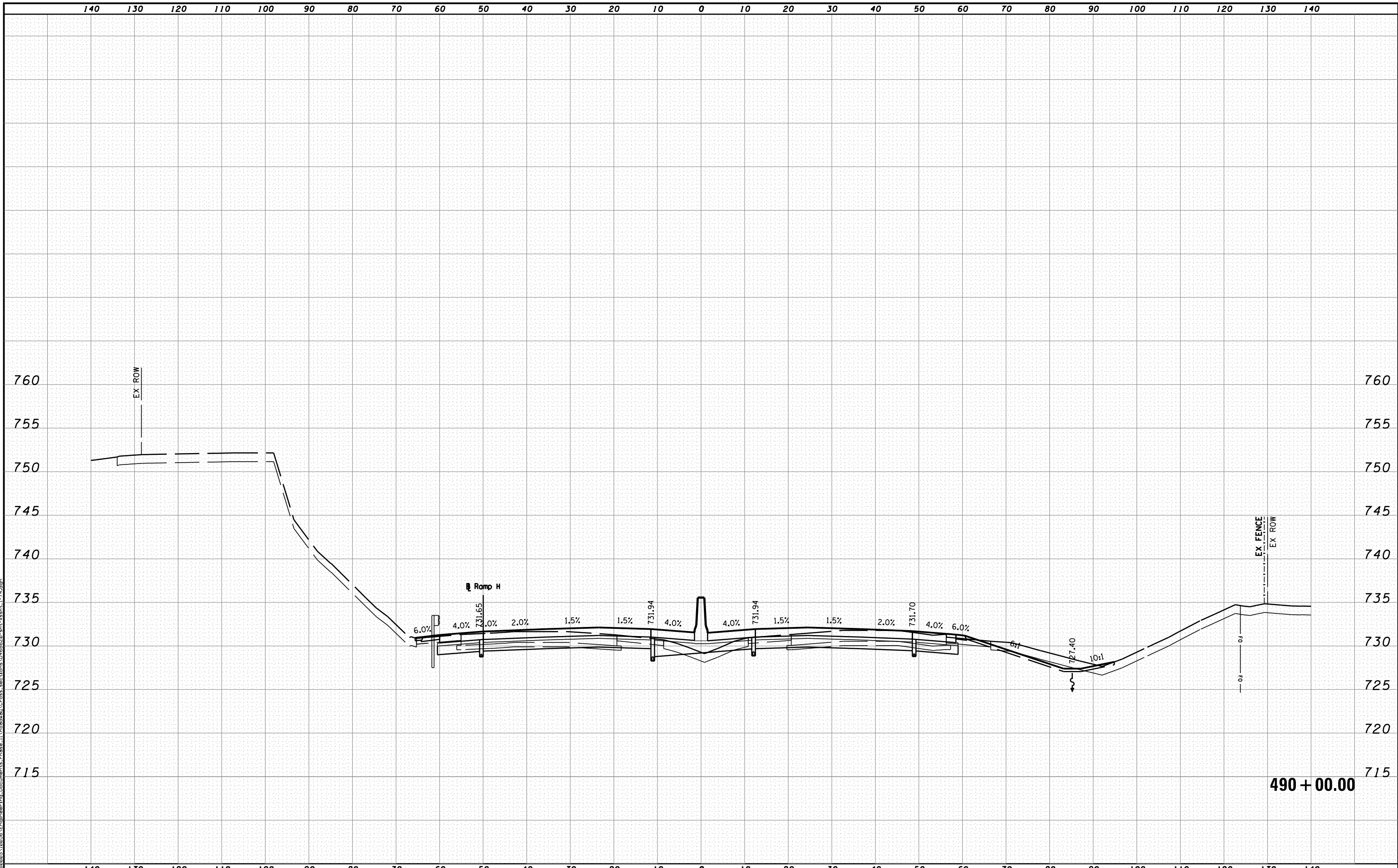


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 17 OF 144 SHEETS STA. 489+00.00 TO STA. 489+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2162
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS-SHEET_temporary_model_name.18
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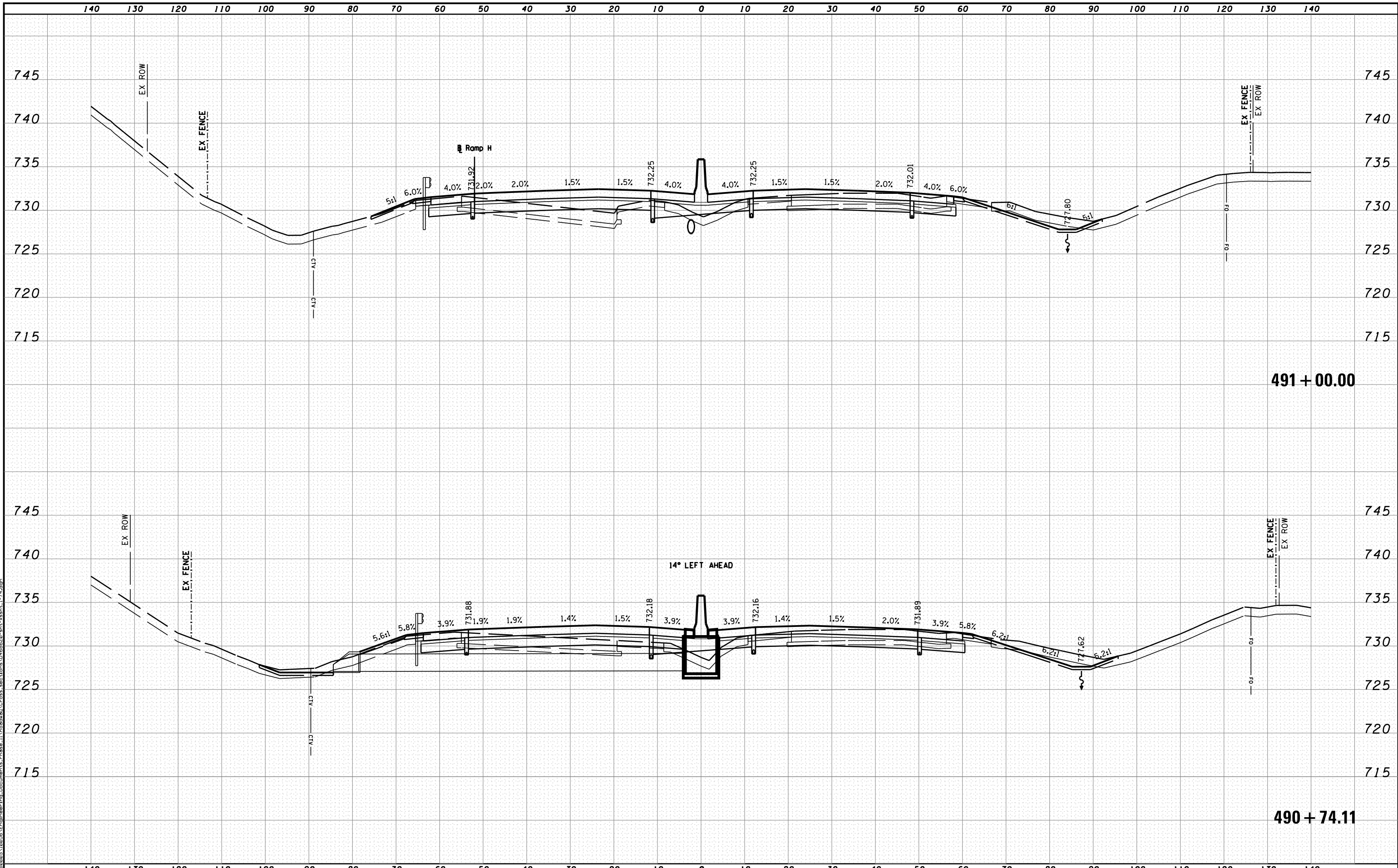


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 18 OF 144 SHEETS STA. 490+00.00 TO STA. 490+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2163
CONTRACT NO. 68620				
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS-SHEET - temporary - model_name_19
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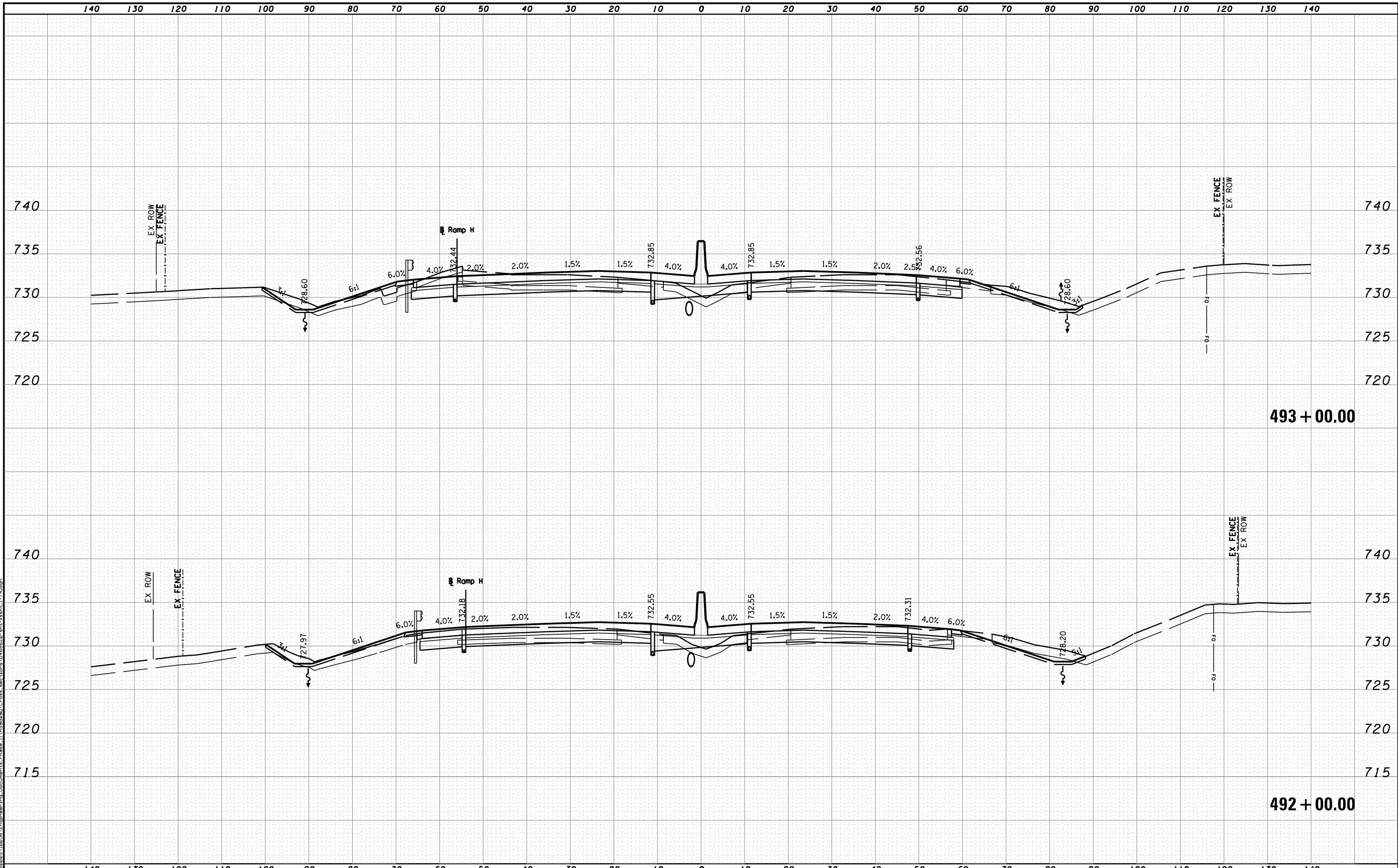


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 19 OF 144 SHEETS STA. 490+74.11 TO STA. 491+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2164
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



MODEL NAME: XS_SHEET_temporary_model_name.dgn
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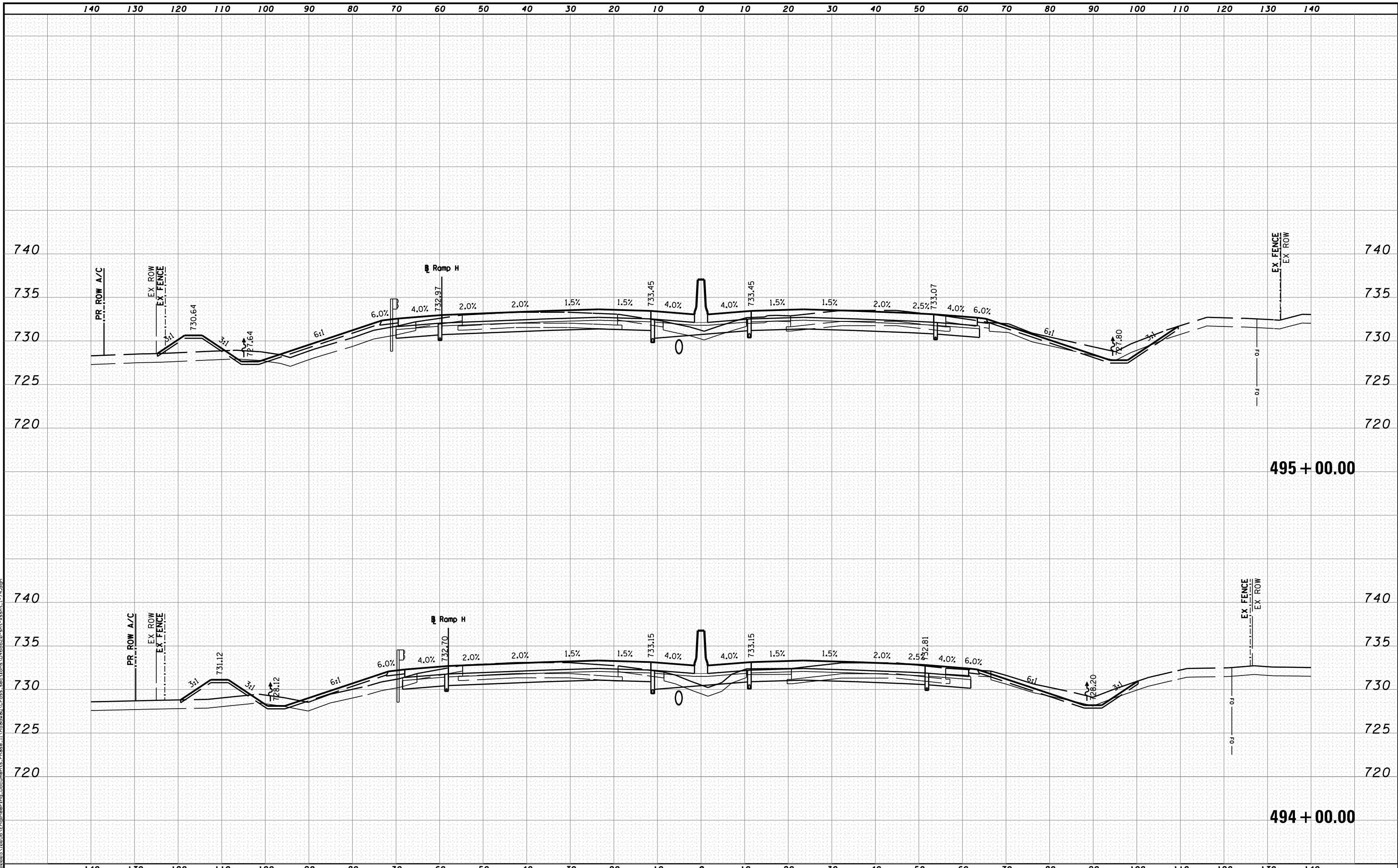


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CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 20 OF 144 SHEETS STA. 492+00.00 TO STA. 493+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2165
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_21
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 DATE - JULY 20, 2012

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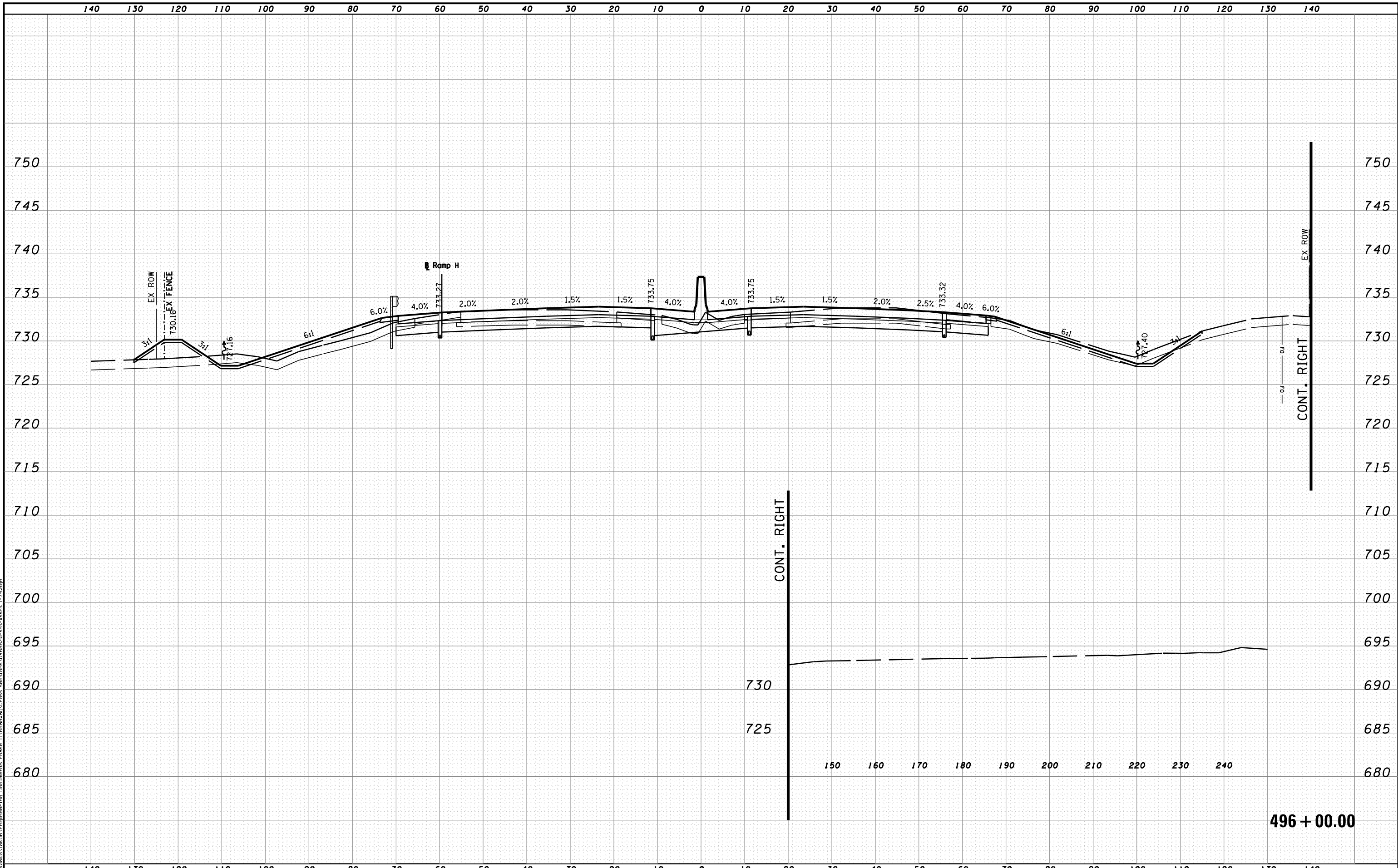


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 21 OF 144 SHEETS STA. 494+00.00 TO STA. 495+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,1,4,14HVB)BRJ	TAZEWELL	2433	2166
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS-SHEET_temporary_model_name.dgn
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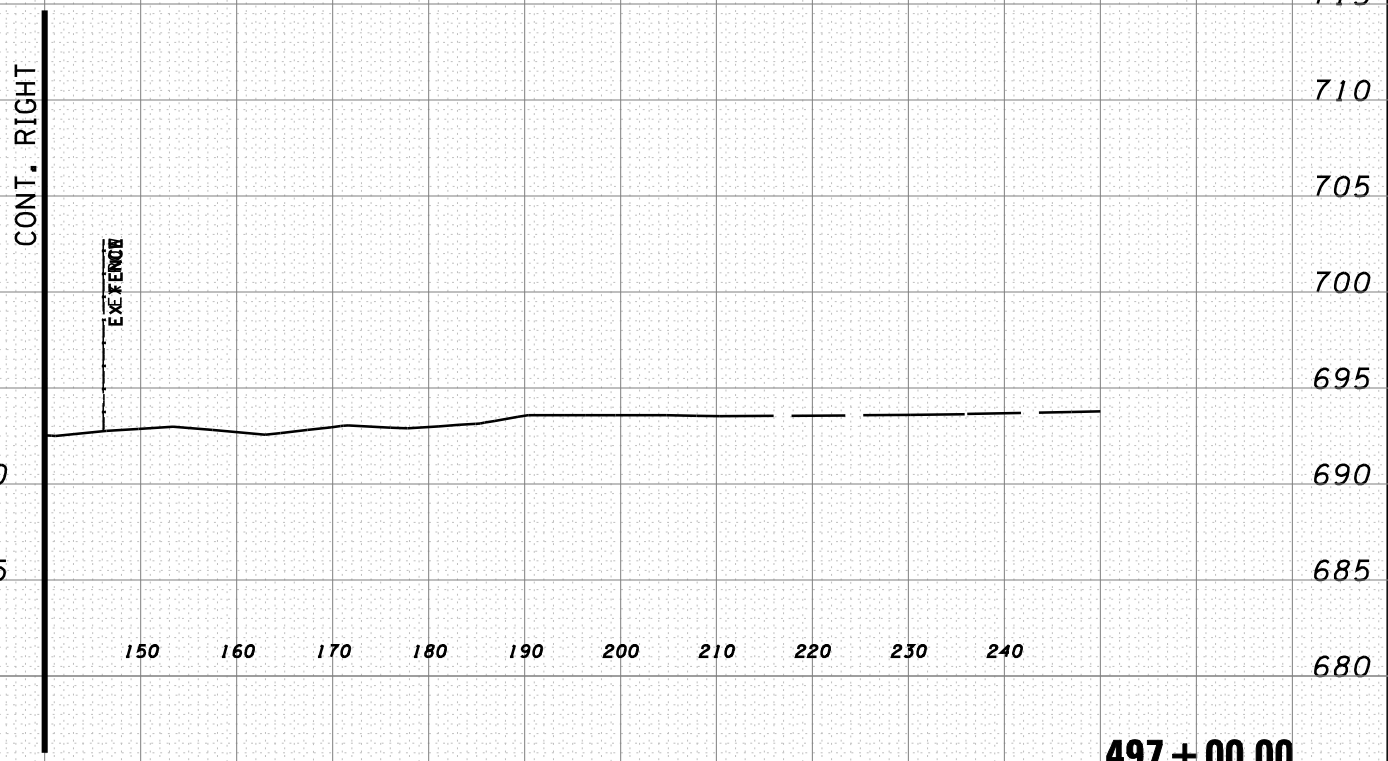
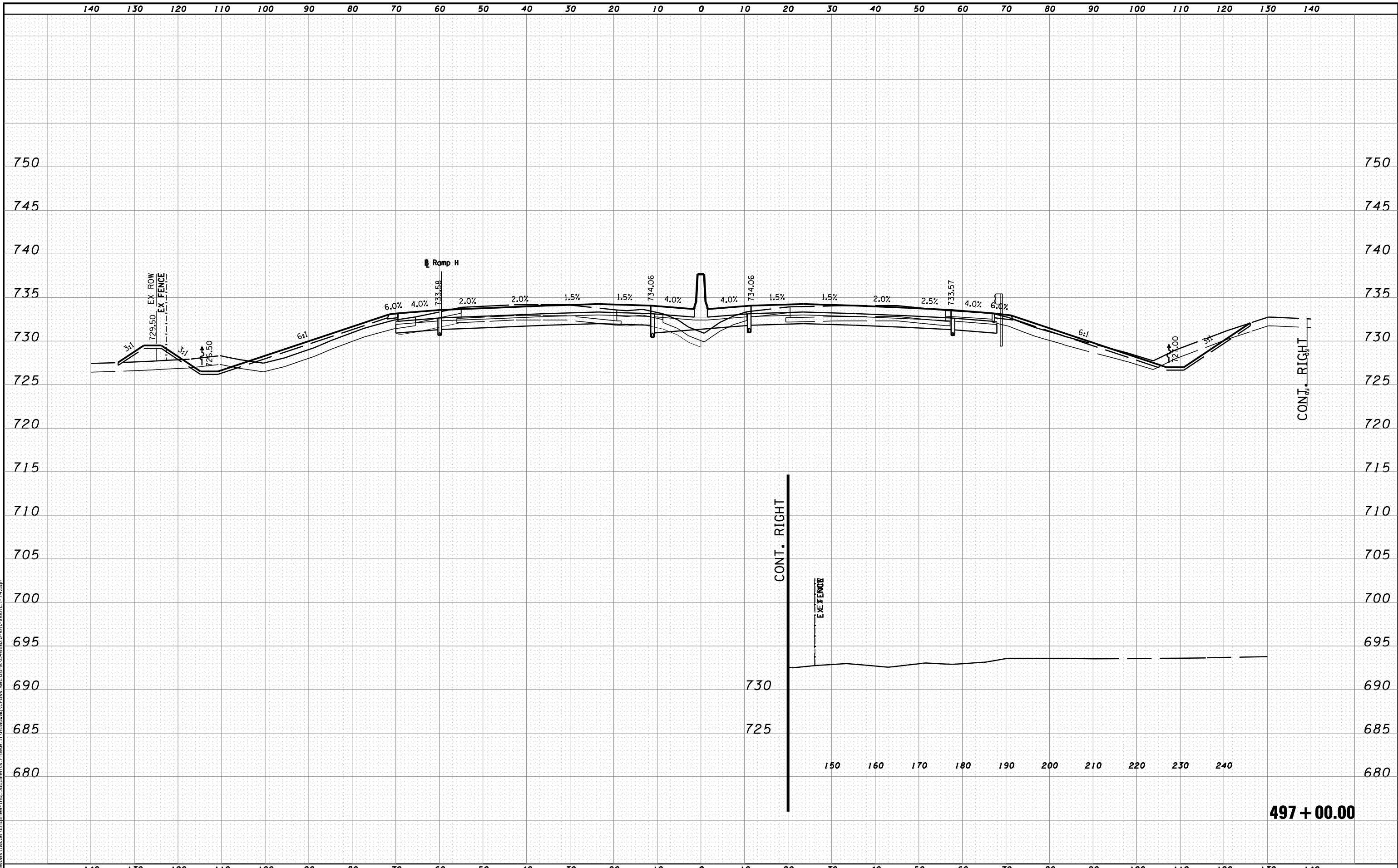
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 22 OF 144 SHEETS STA. 496+00.00 TO STA. 496+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2167	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

496 + 00.00



MODEL NAME: XS_SHEET_1_temporary_model_name_23
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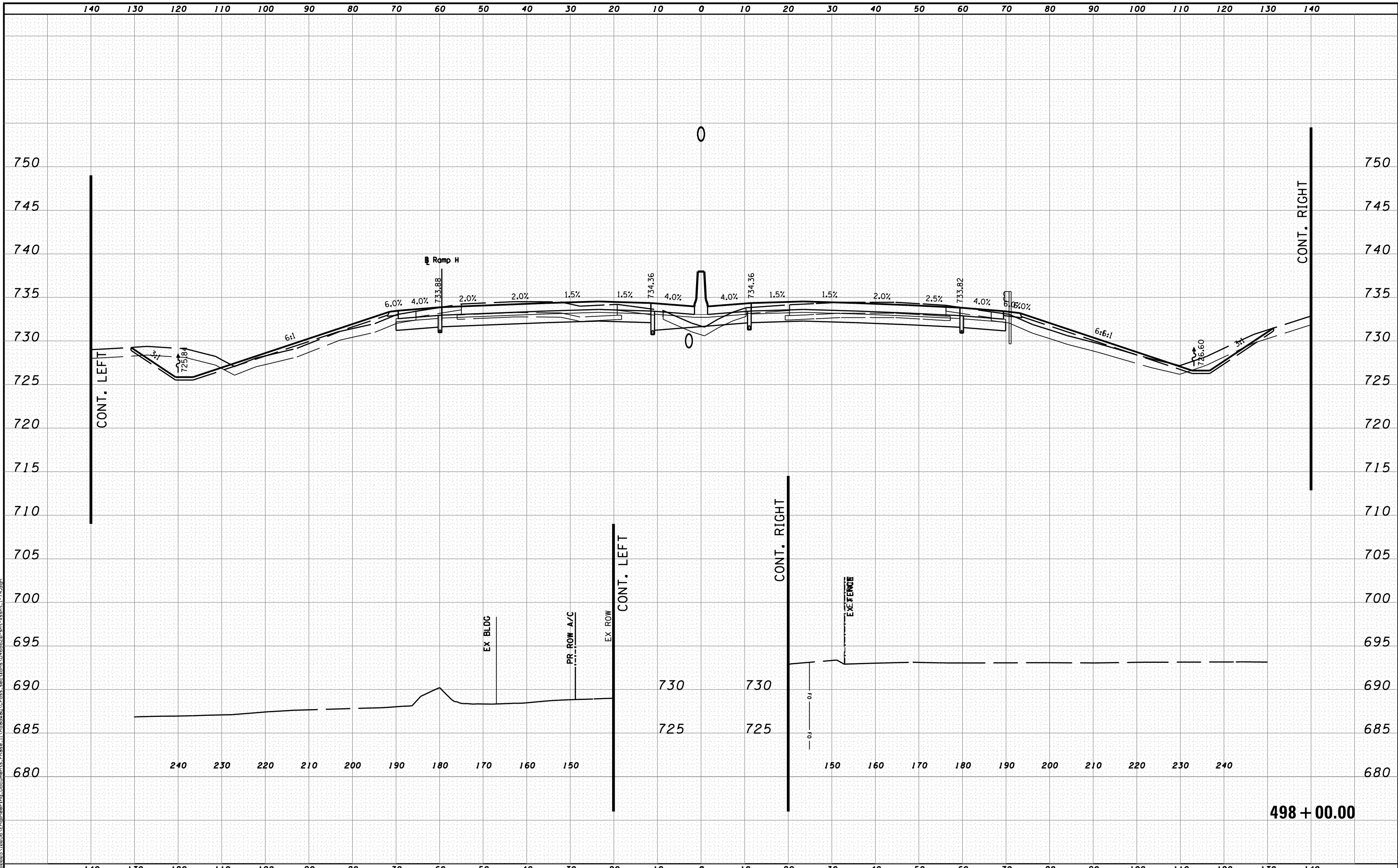


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 23 OF 144 SHEETS STA. 497+00.00 TO STA. 497+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2168
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_24
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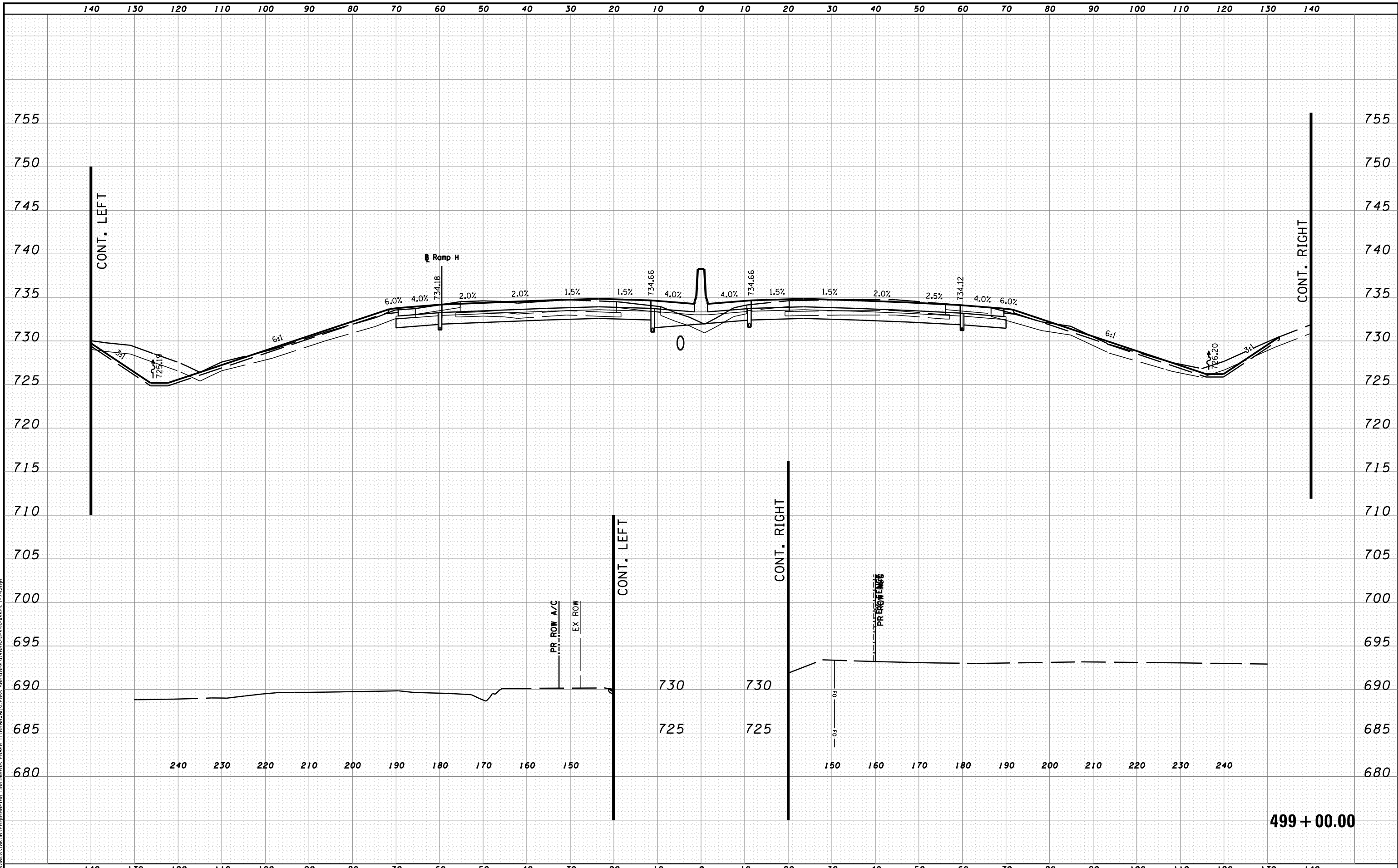
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 24 OF 144 SHEETS STA. 498+00.00 TO STA. 498+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2169	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

498 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name.dwg
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 PLOT DATE = 7/19/2012

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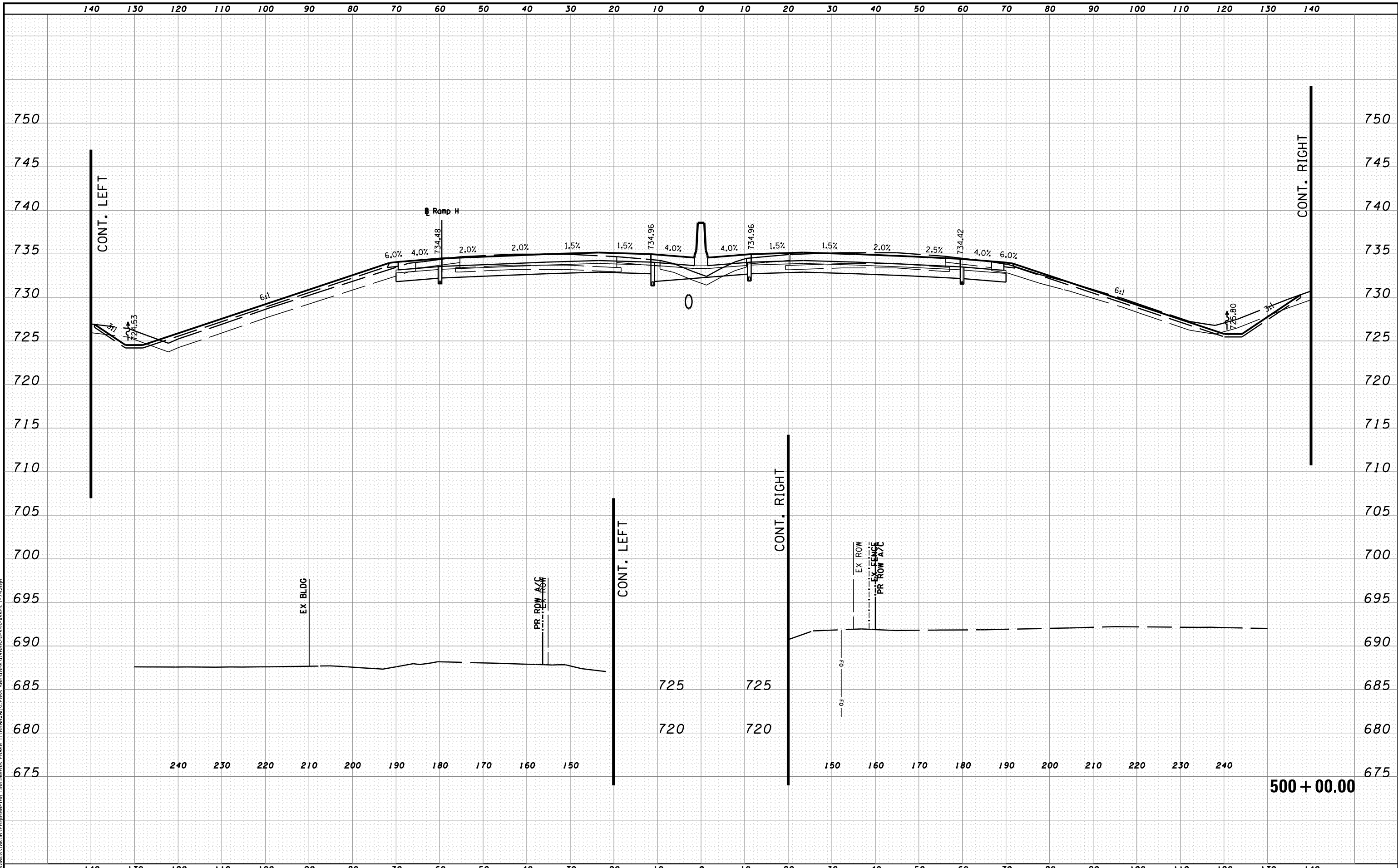


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74
 SCALE: H 1"=10', V 1"=5' SHEET NO. 25 OF 144 SHEETS STA. 499+00.00 TO STA. 499+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2170	
CONTRACT NO. 68620				
ILLINOIS FED. AID PROJECT				

499 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name.dwg
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 PLOT DATE = 7/19/2012

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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -

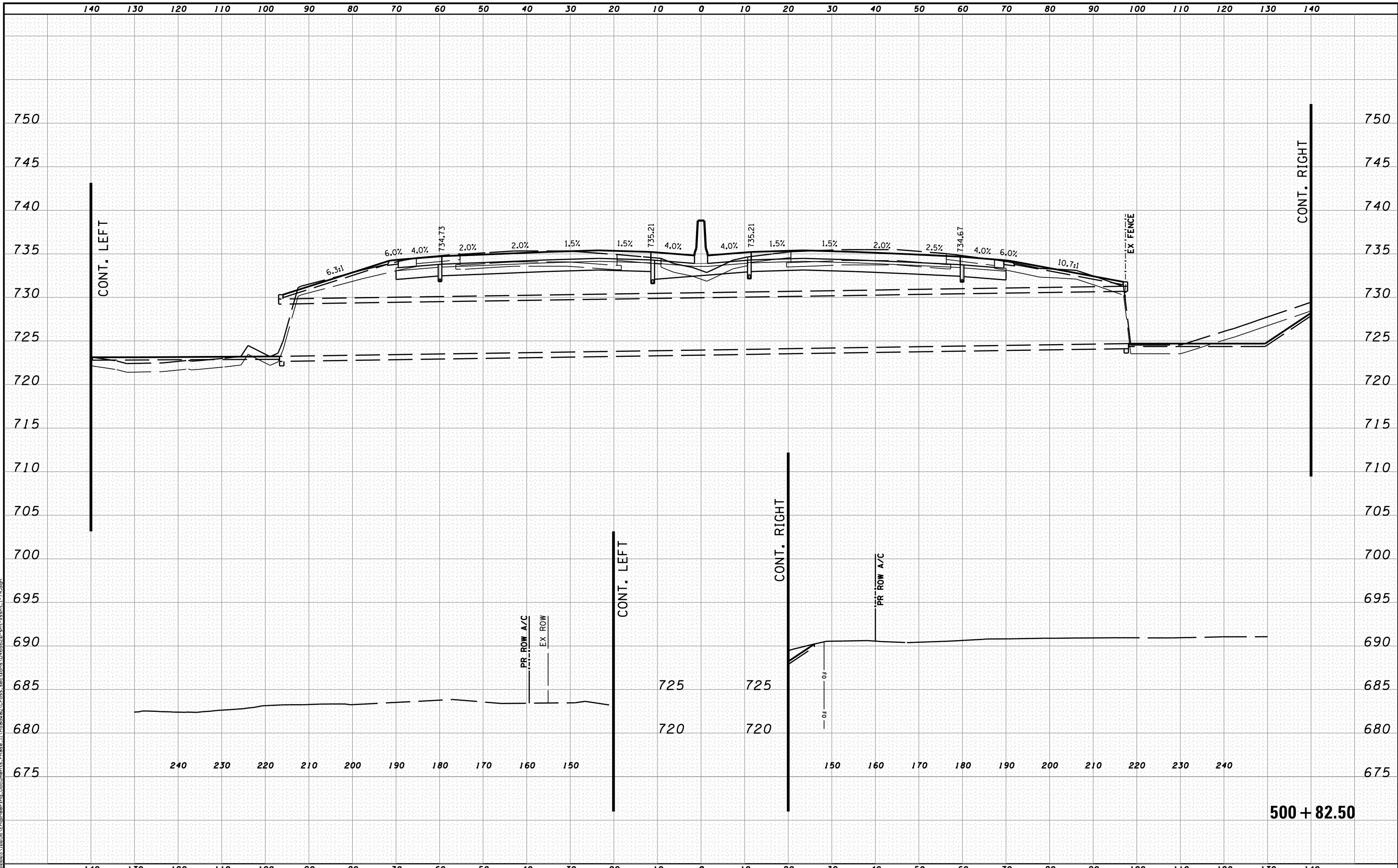


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 26 OF 144 SHEETS STA. 500+00.00 TO STA. 500+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2171
			CONTRACT NO. 68620	



500 + 82.50

MODEL NAME: XS_SHEET_temporary_model_name_27
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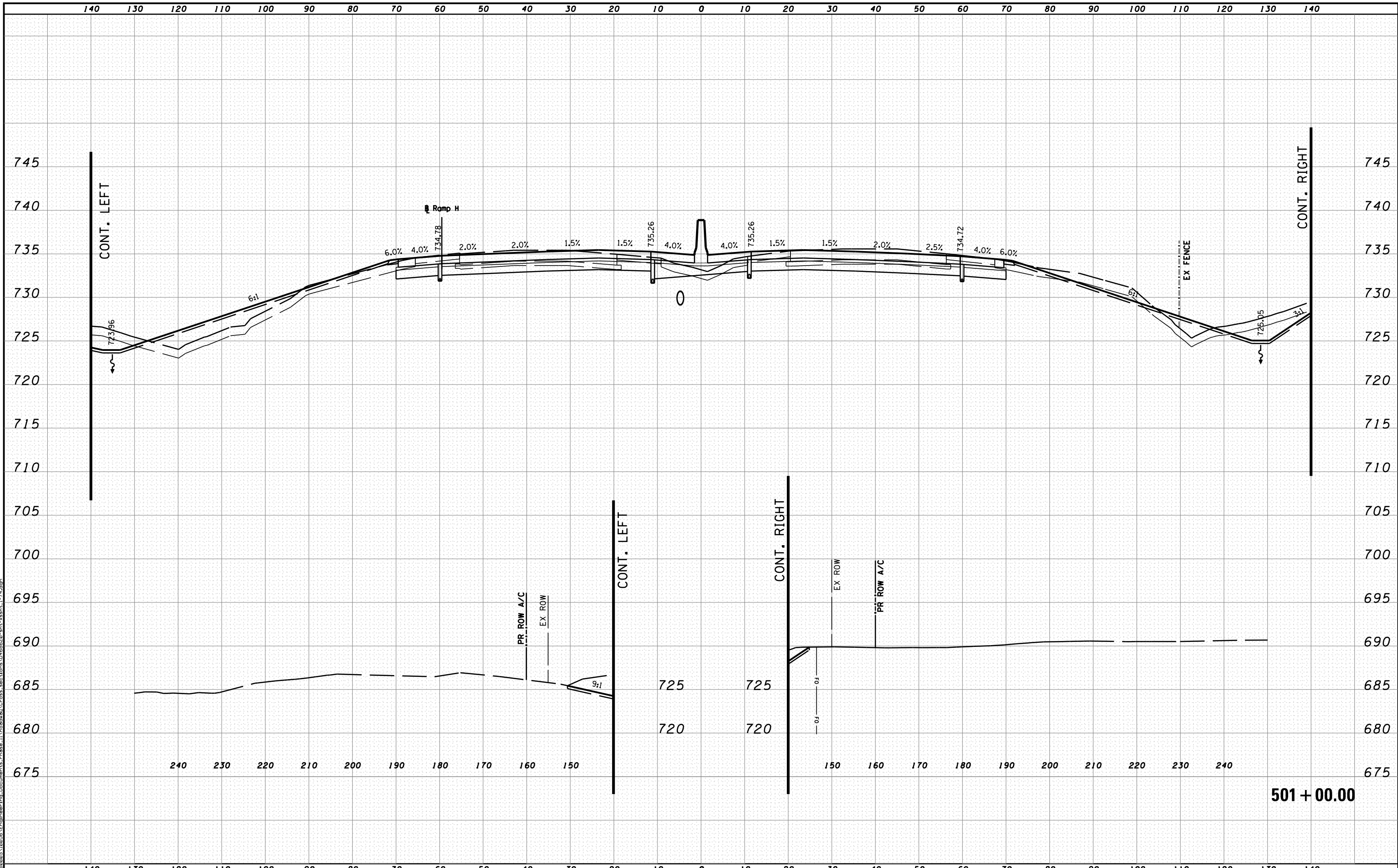


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 27 OF 144 SHEETS STA. 500+82.50 TO STA. 500+82.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2172
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS-SHEET_temporary_model_name_28
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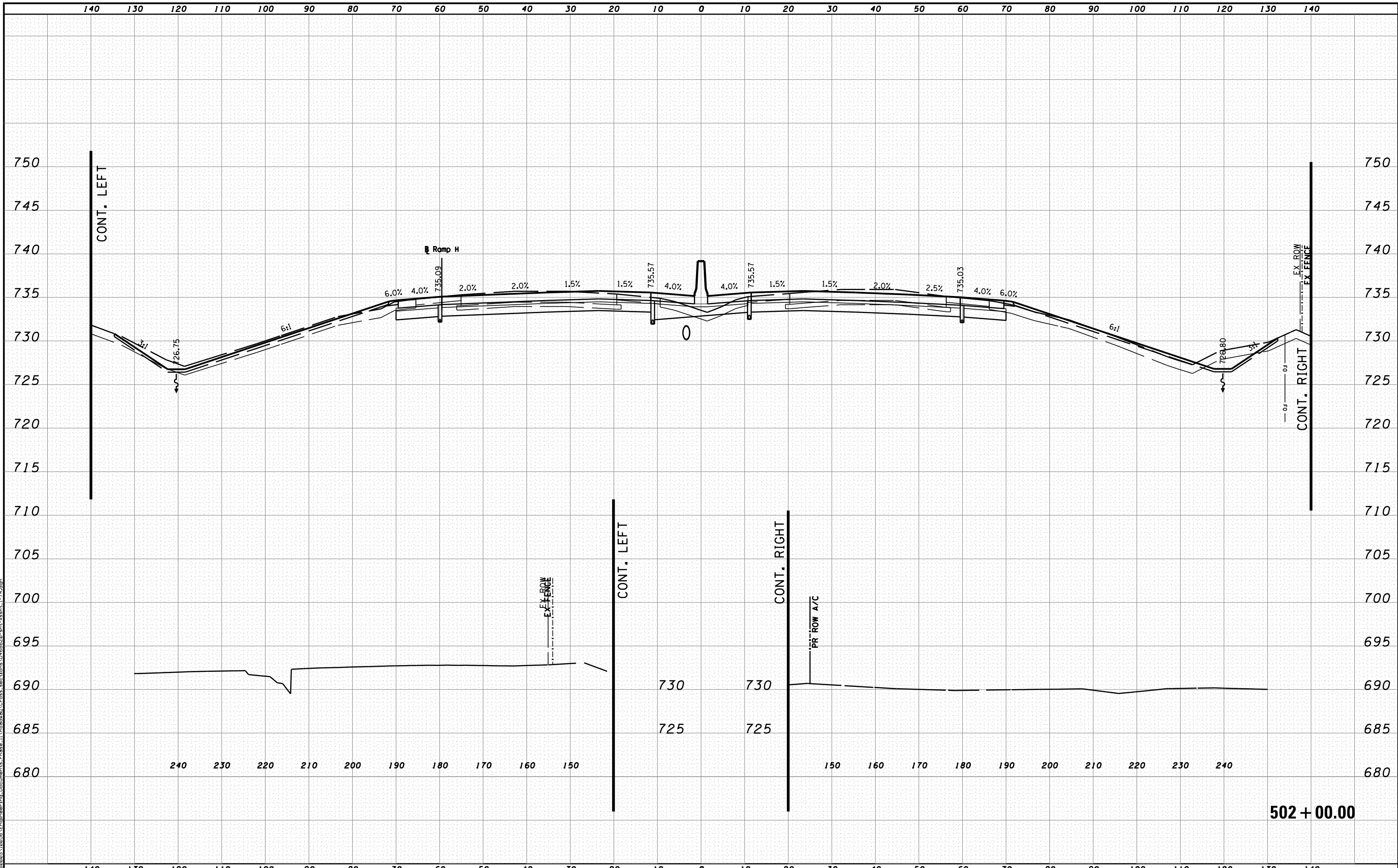


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 28 OF 144 SHEETS STA. 501+00.00 TO STA. 501+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2173	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name.dgn
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



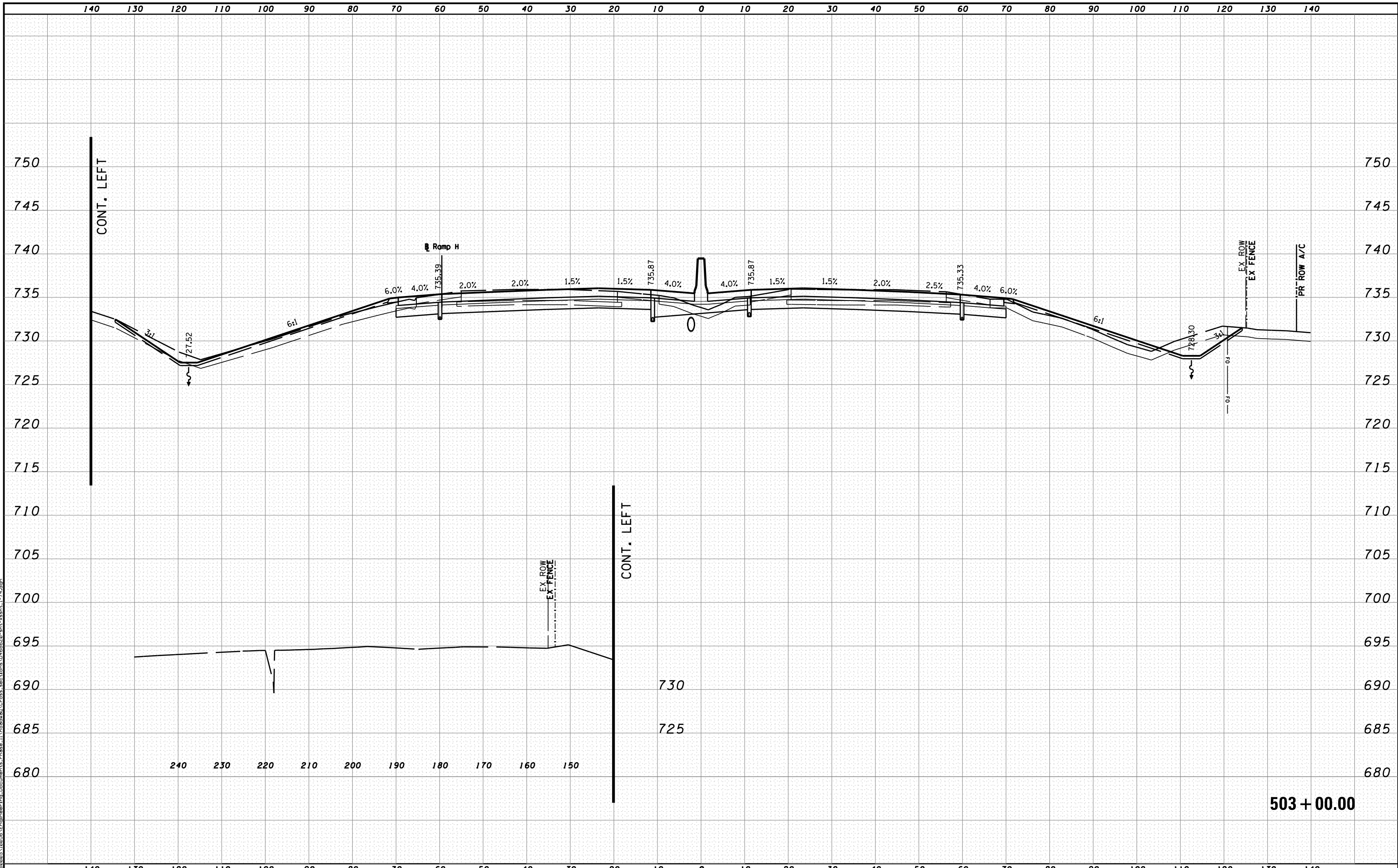
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 29 OF 144 SHEETS STA. 502+00.00 TO STA. 502+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2174	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

502 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_30
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



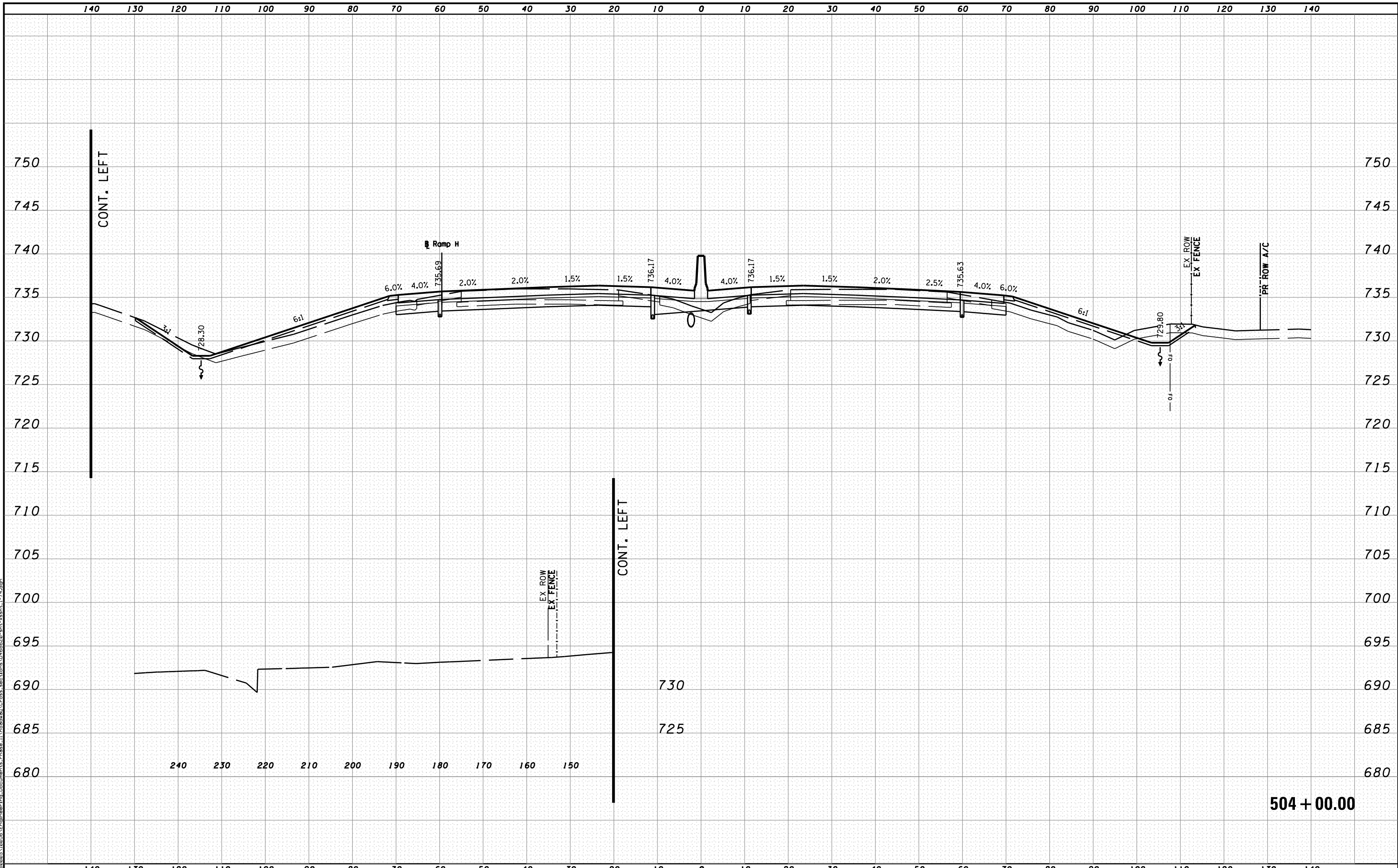
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 30 OF 144 SHEETS STA. 503+00.00 TO STA. 503+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2175	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

503 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_31
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



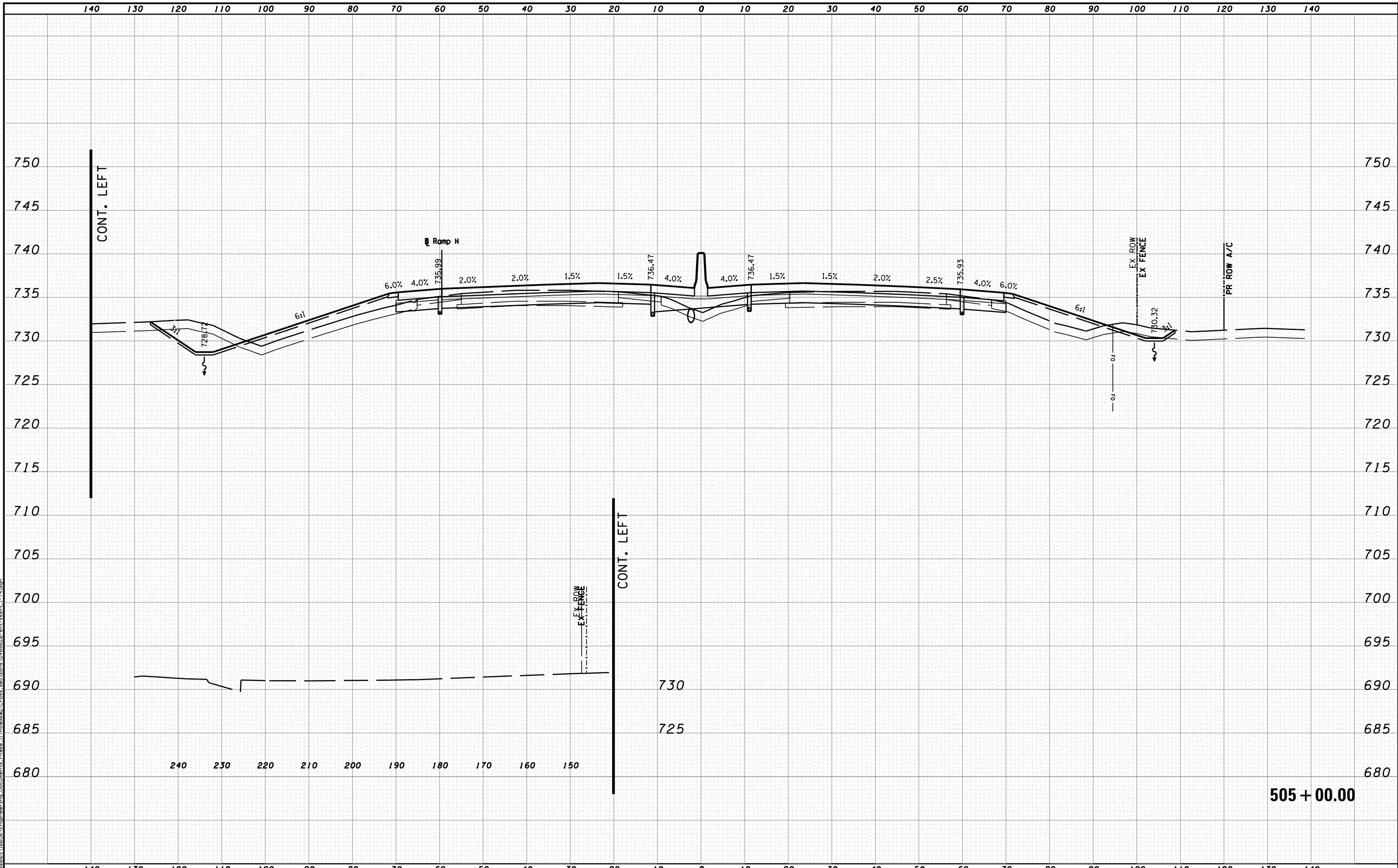
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 31 OF 144 SHEETS STA. 504+00.00 TO STA. 504+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2176
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				

504 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_32
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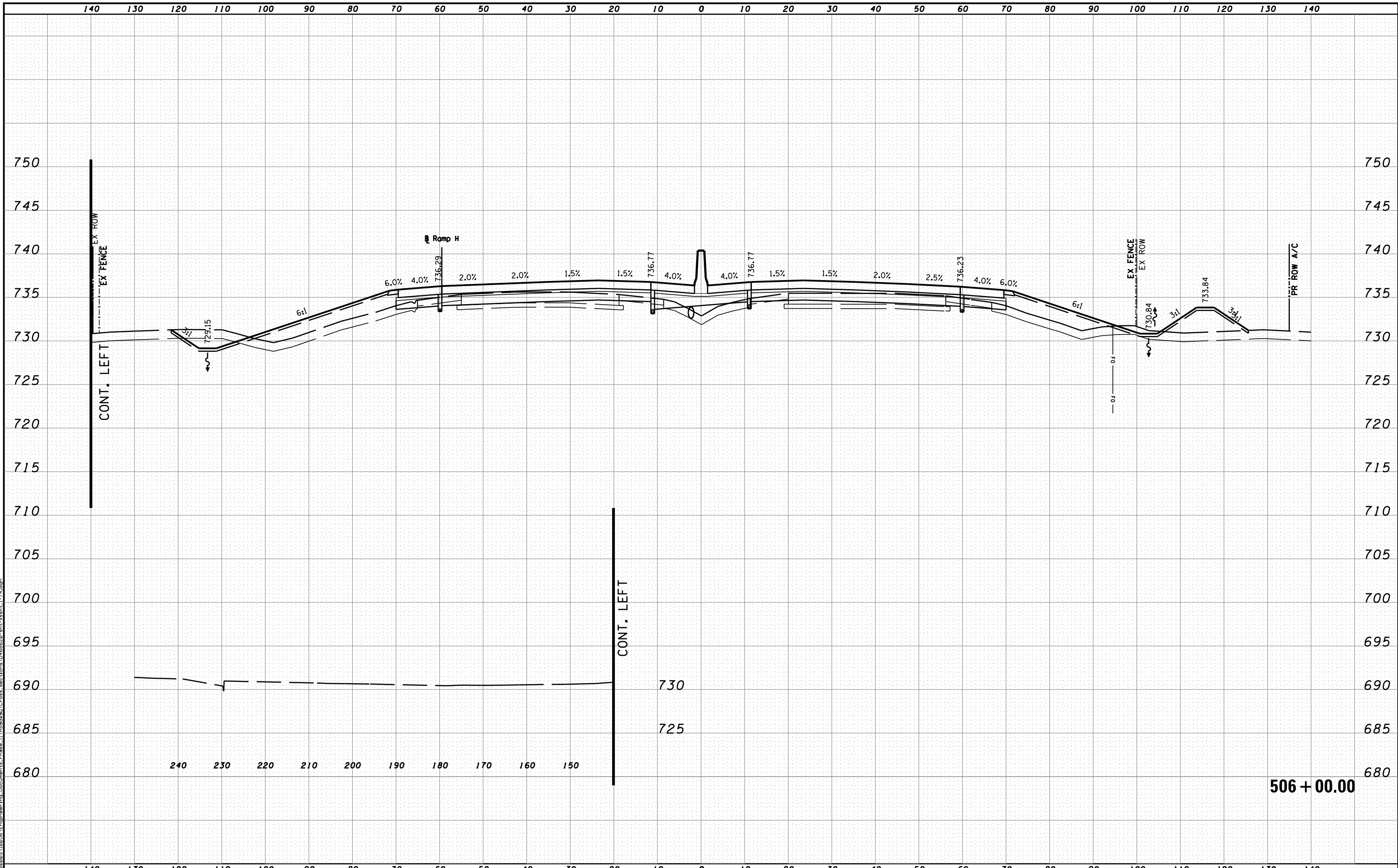
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 32 OF 144 SHEETS STA. 505+00.00 TO STA. 505+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2177
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				

505 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_33
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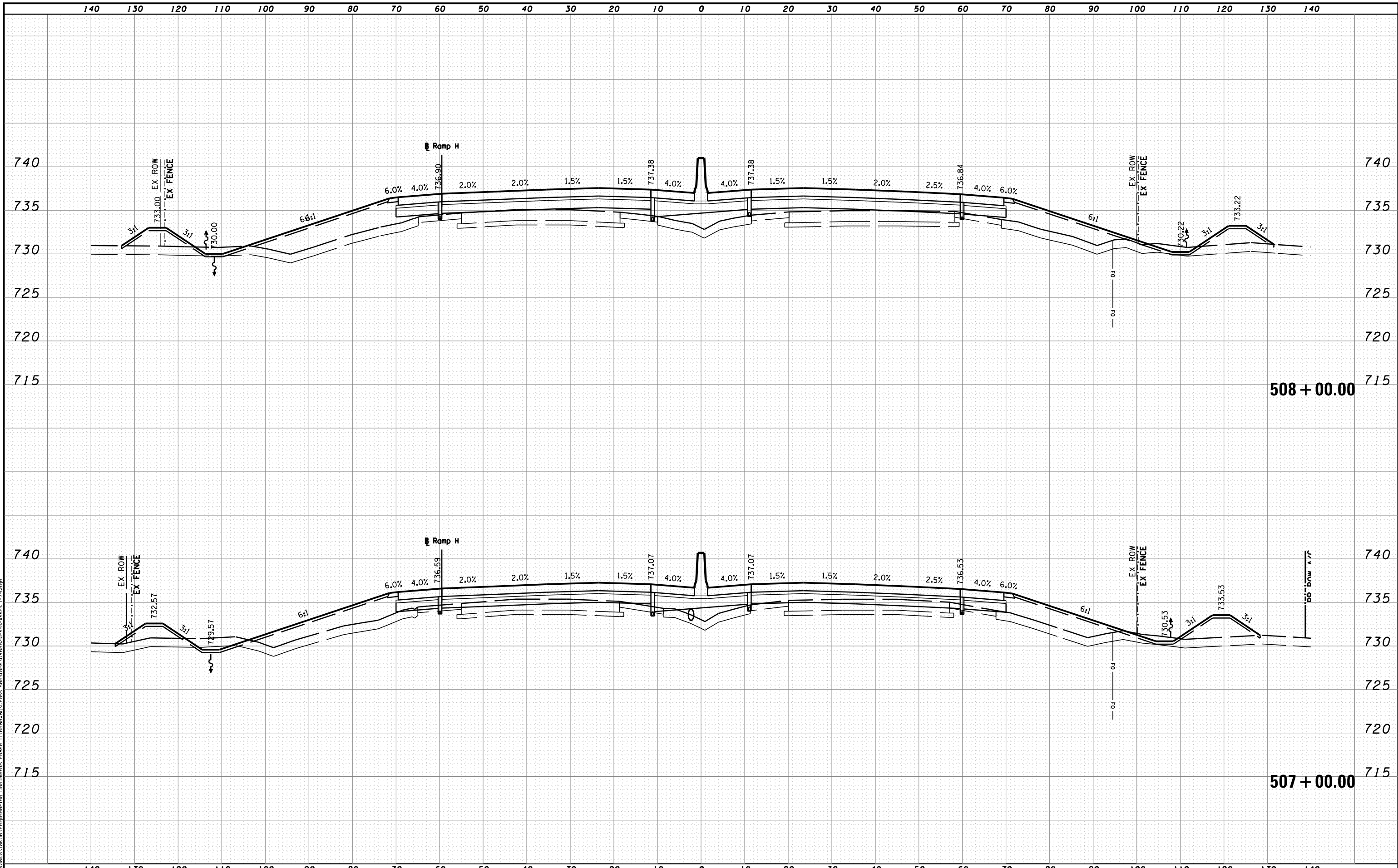


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 33 OF 144 SHEETS STA. 506+00.00 TO STA. 506+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2178	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



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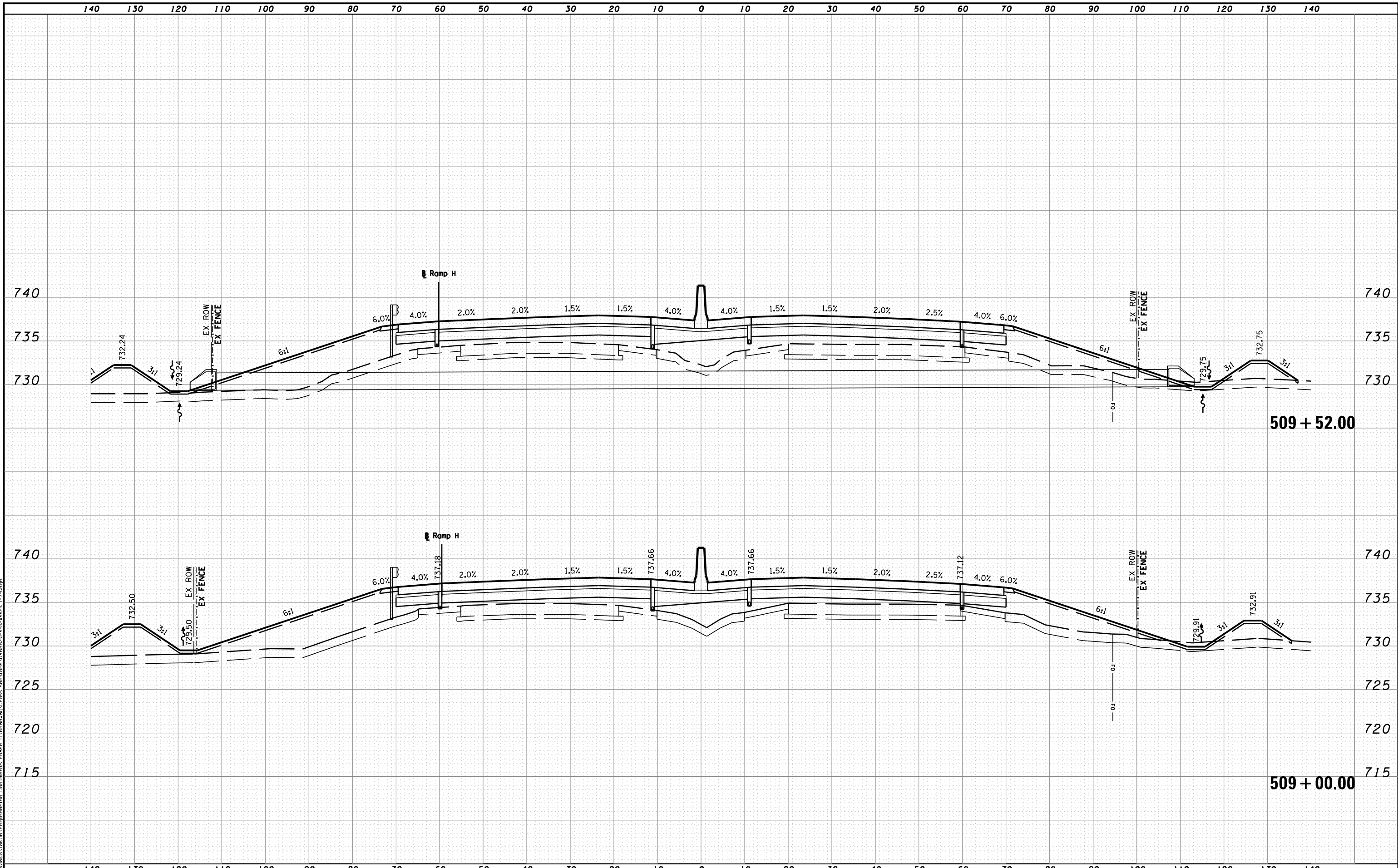


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 34 OF 144 SHEETS STA. 507+00.00 TO STA. 508+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2179
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_35
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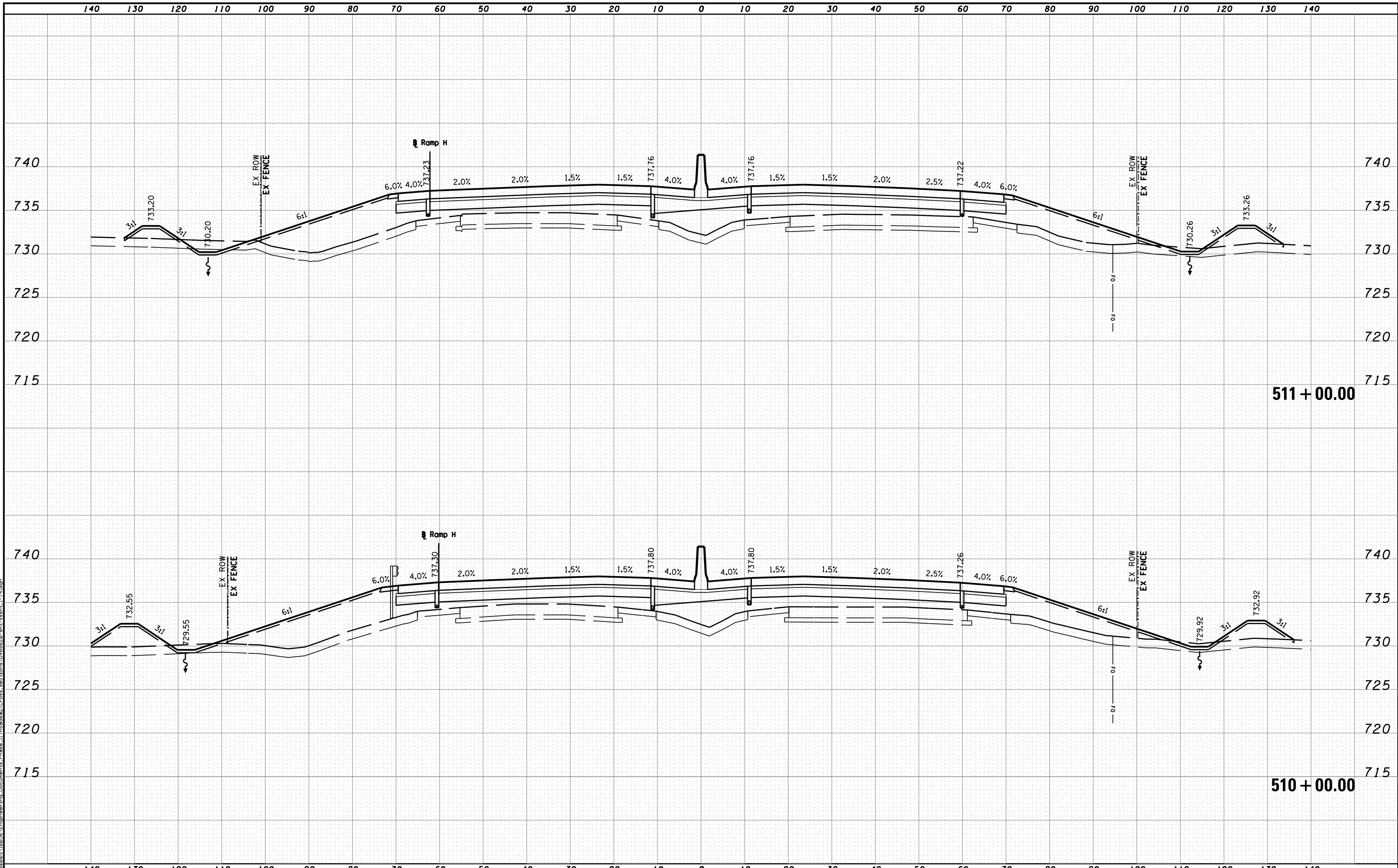
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PLOT DATE = 7/18/2012	DATE - JULY 20, 2012	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74
 SCALE: H 1"=10', V 1"=5' SHEET NO. 35 OF 144 SHEETS STA. 509+00.00 TO STA. 509+52.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HB)BR]	TAZEWELL	2433	2180	
CONTRACT NO. 68620				
ILLINOIS FED. AID PROJECT				



511 + 00.00

510 + 00.00

MODEL NAME: XS_SHEET_temporary_model_name_36
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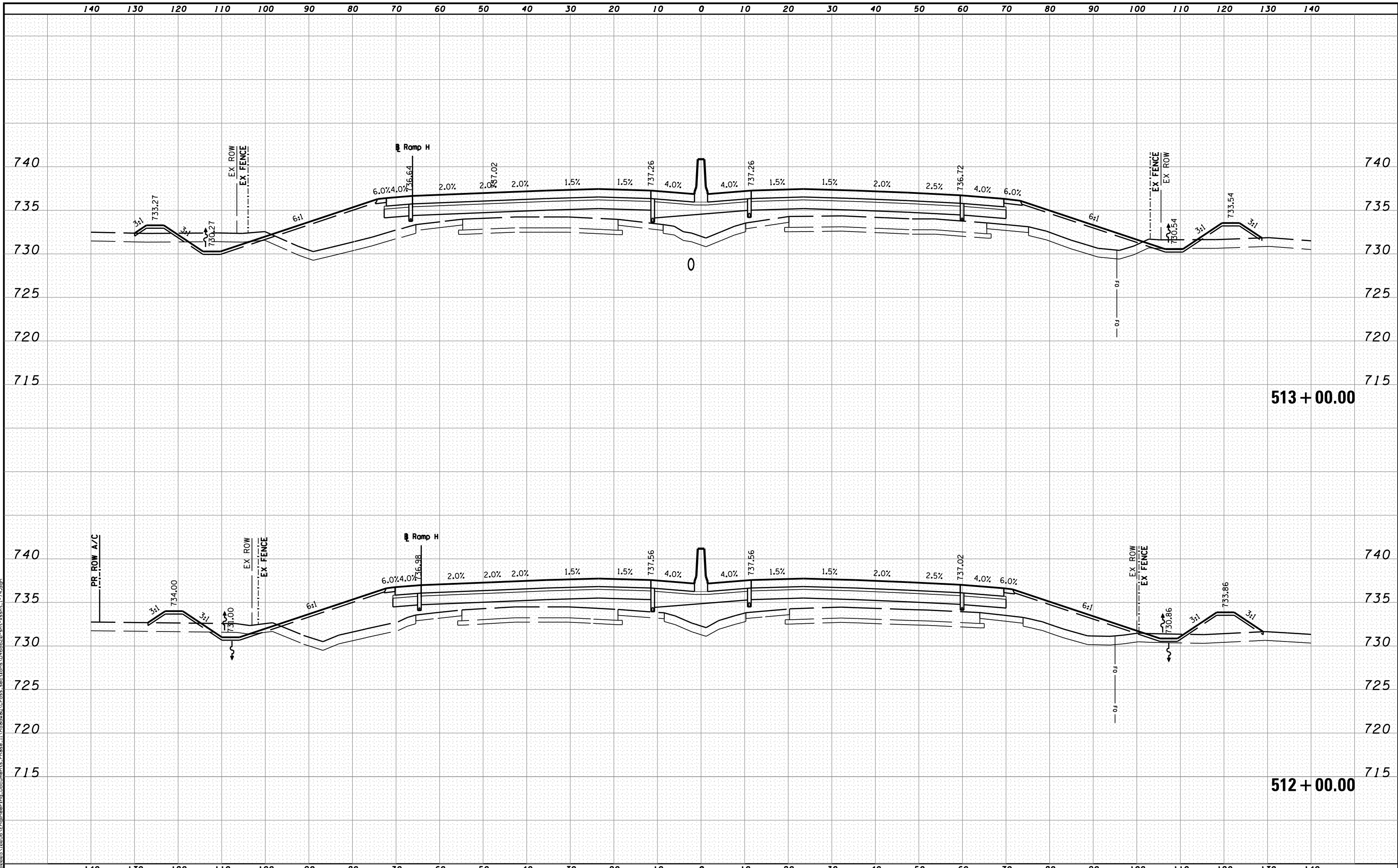
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 36 OF 144 SHEETS STA. 510+00.00 TO STA. 511+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2181
			CONTRACT NO. 68620	

ILLINOIS FED. AID PROJECT



MODEL NAME: XS_SHEET_temporary_model_name_37
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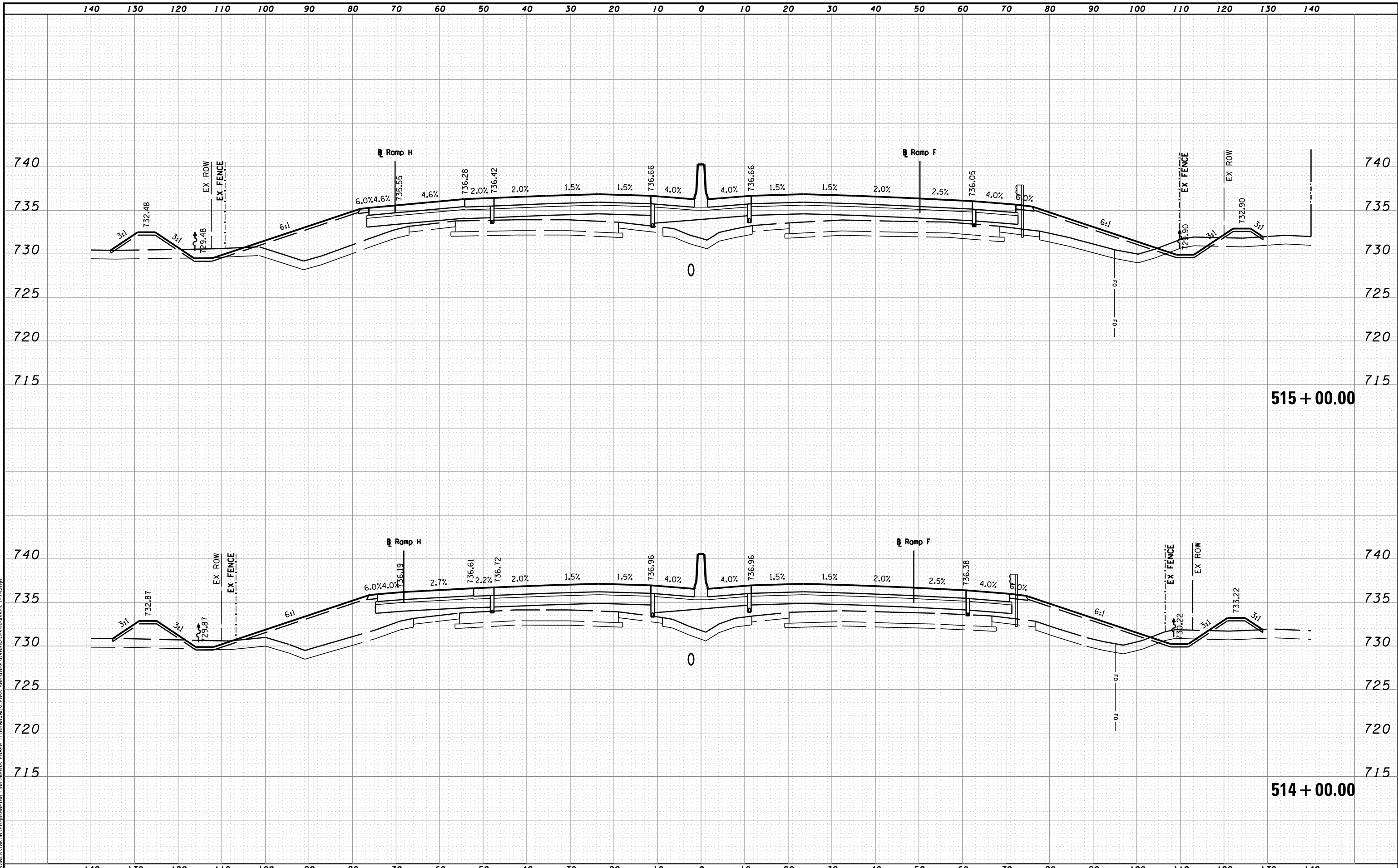


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 37 OF 144 SHEETS STA. 512+00.00 TO STA. 513+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2182
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_38
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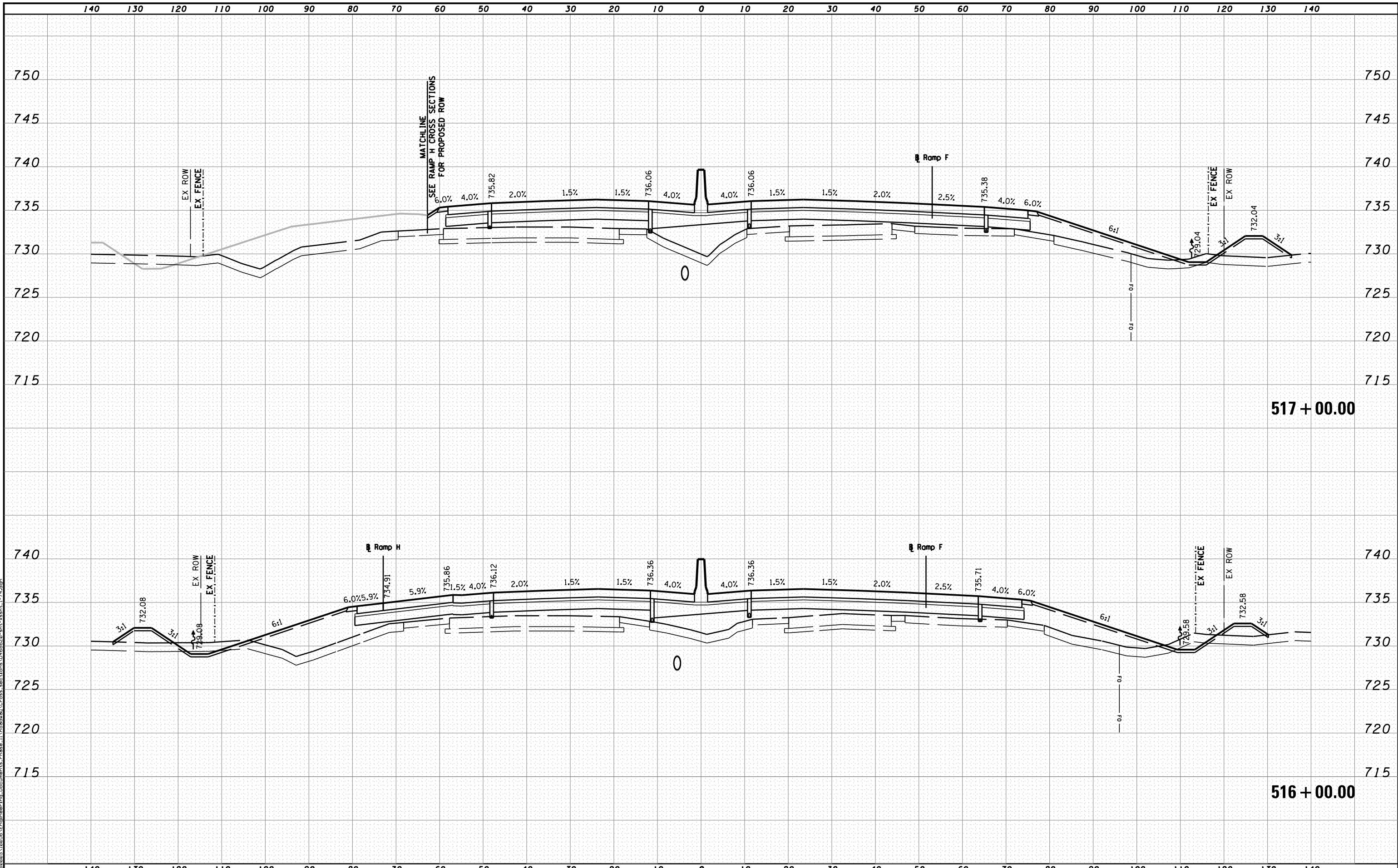


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 38 OF 144 SHEETS STA. 514+00.00 TO STA. 515+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2183
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS-SHEET_temporary_model_name_39
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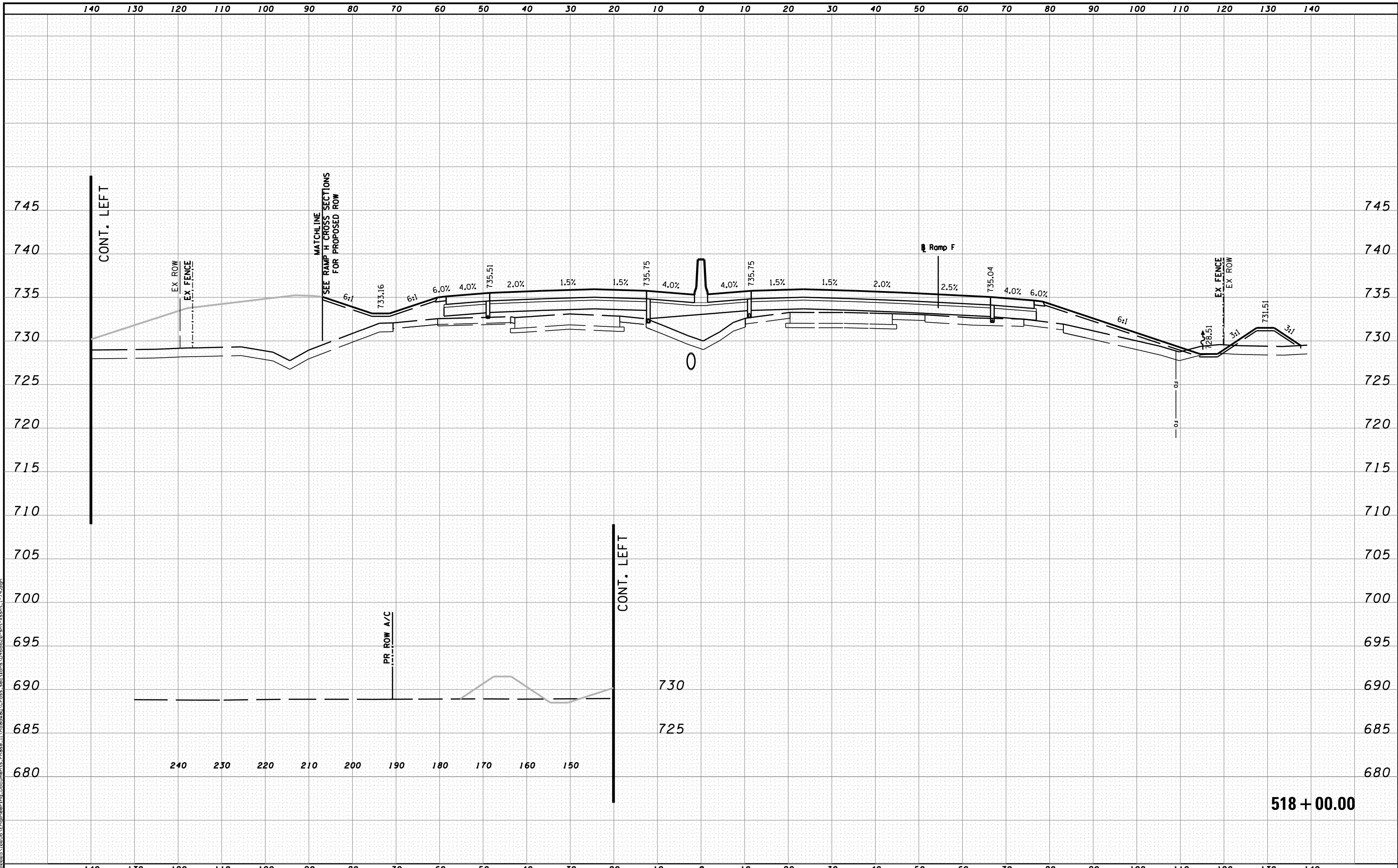


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 39 OF 144 SHEETS STA. 516+00.00 TO STA. 517+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2184
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_40
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



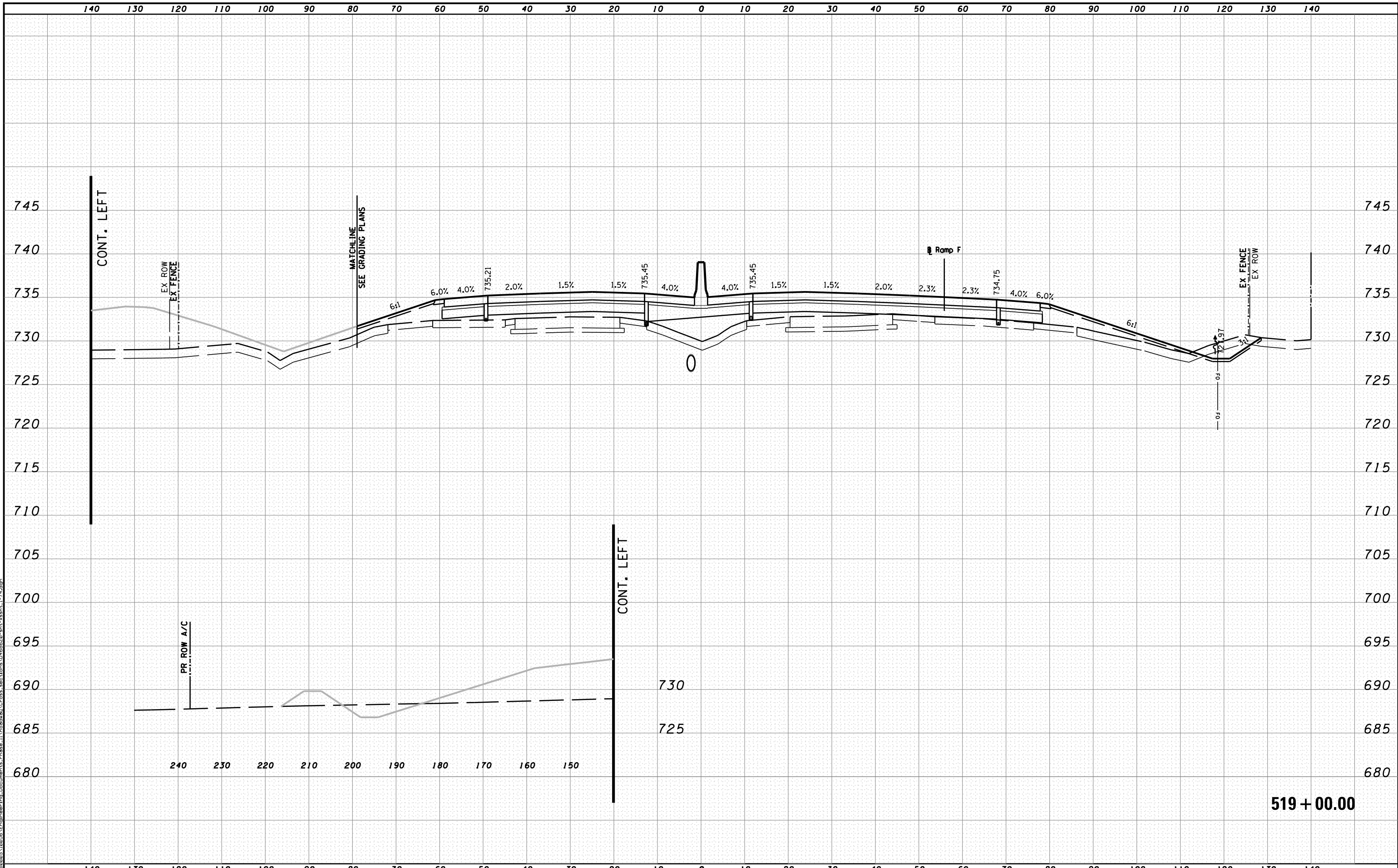
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 40 OF 144 SHEETS STA. 518+00.00 TO STA. 518+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2185	
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

518 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_41
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



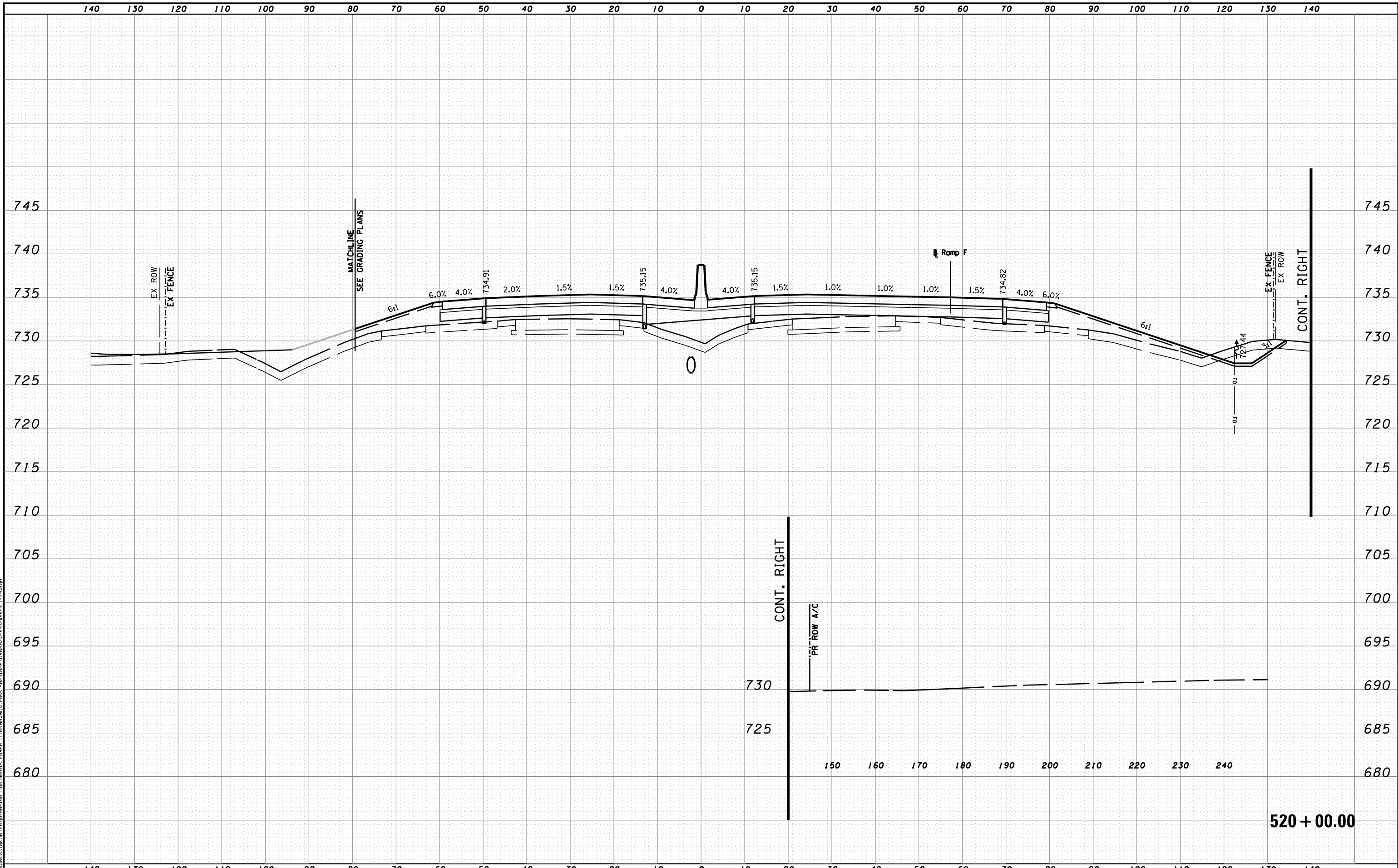
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 41 OF 144 SHEETS STA. 519+00.00 TO STA. 519+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2186
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				

519 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_42
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



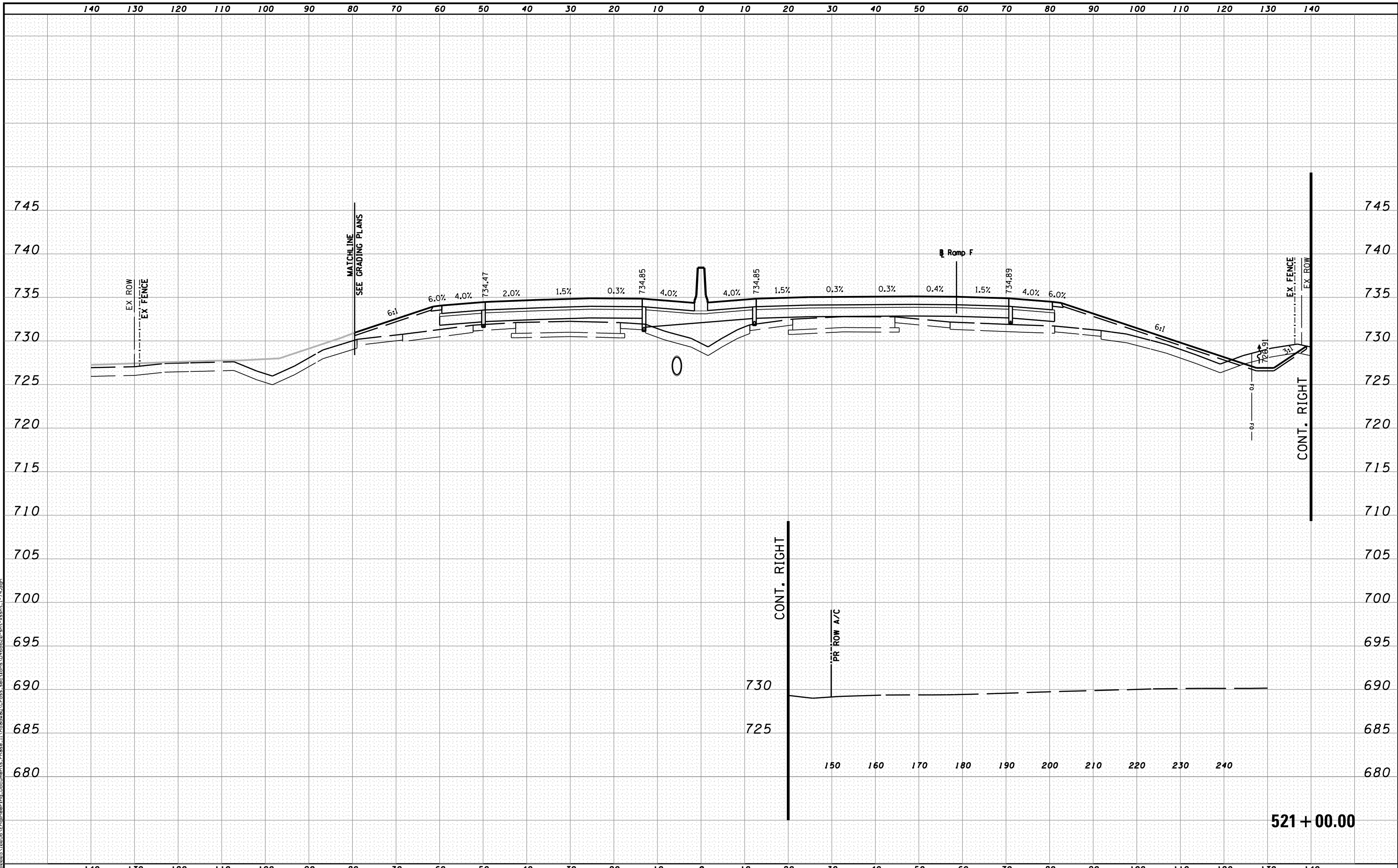
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 42 OF 144 SHEETS STA. 520+00.00 TO STA. 520+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2187
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	

520 + 00.00



MODEL NAME: XS-SHEET_temporary_model_name_43
 DESIGN FILE: \\10005\1005\Engineering\Documents\Phase II\Roadway\Cross-sections\0468620-sht-xssht-1-74.dgn

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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -

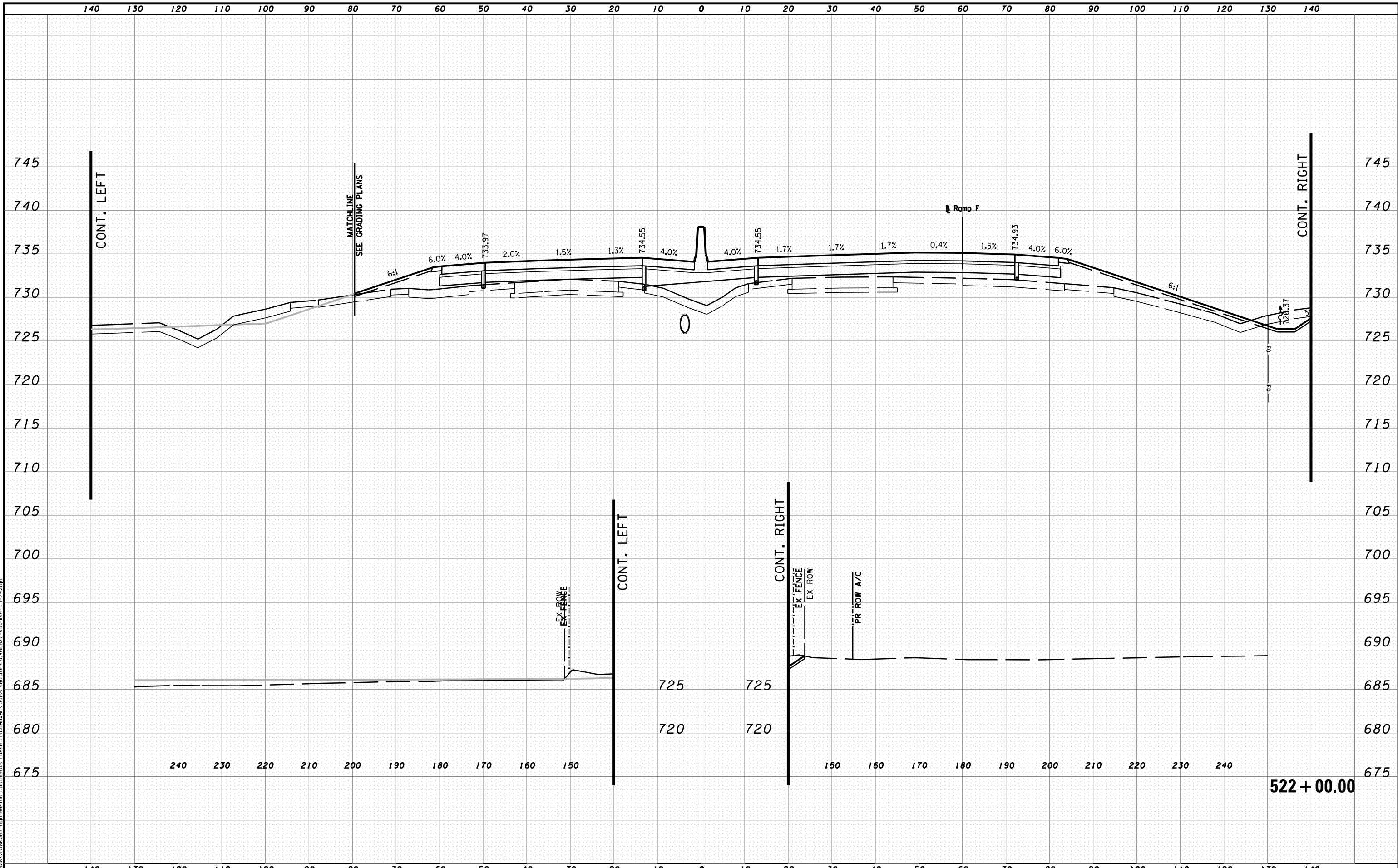


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 43 OF 144 SHEETS STA. 521+00.00 TO STA. 521+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2188
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



MODEL NAME: XS_SHEET_temporary_model_name_44
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -

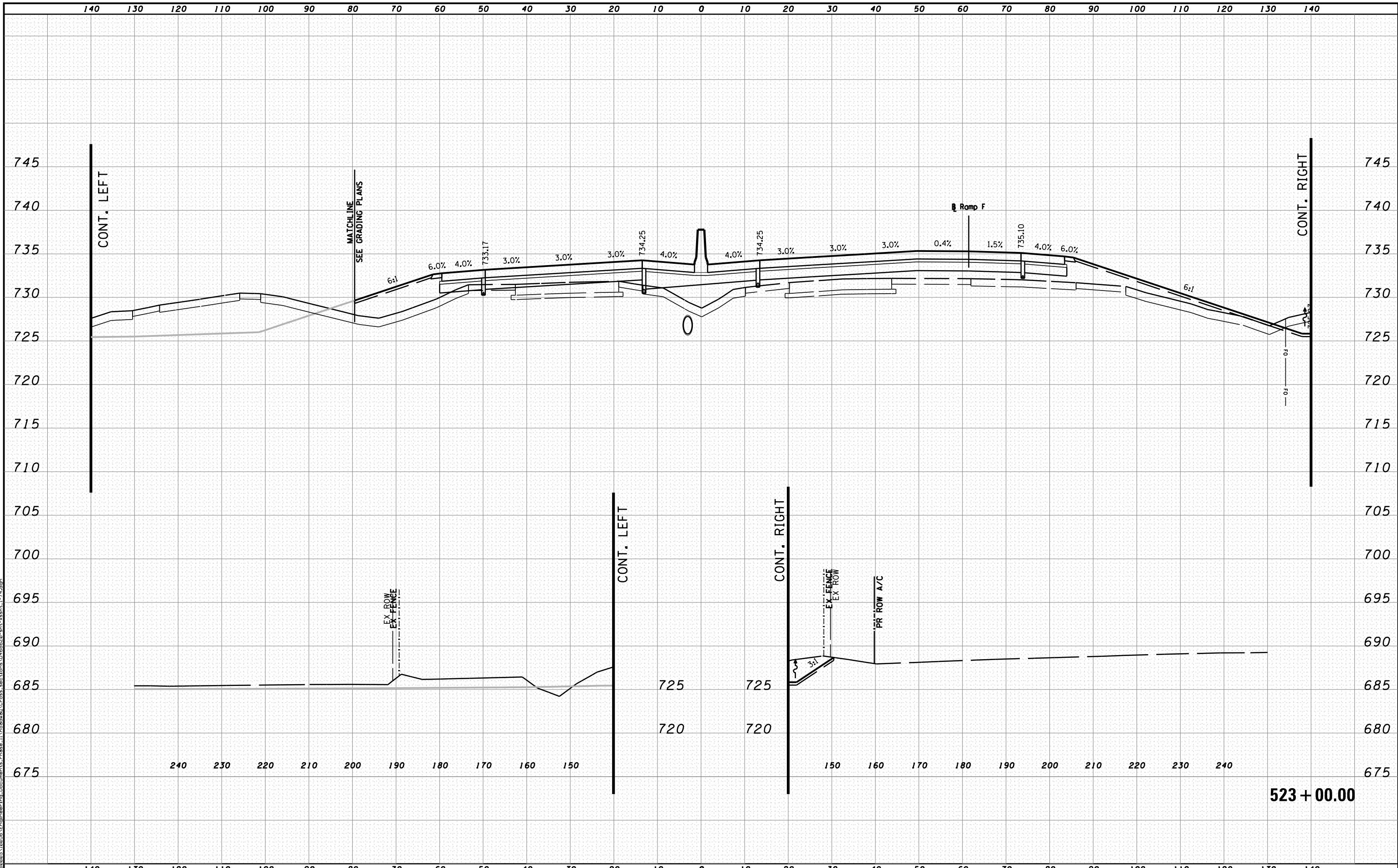


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 44 OF 144 SHEETS STA. 522+00.00 TO STA. 522+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2189
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_45
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -

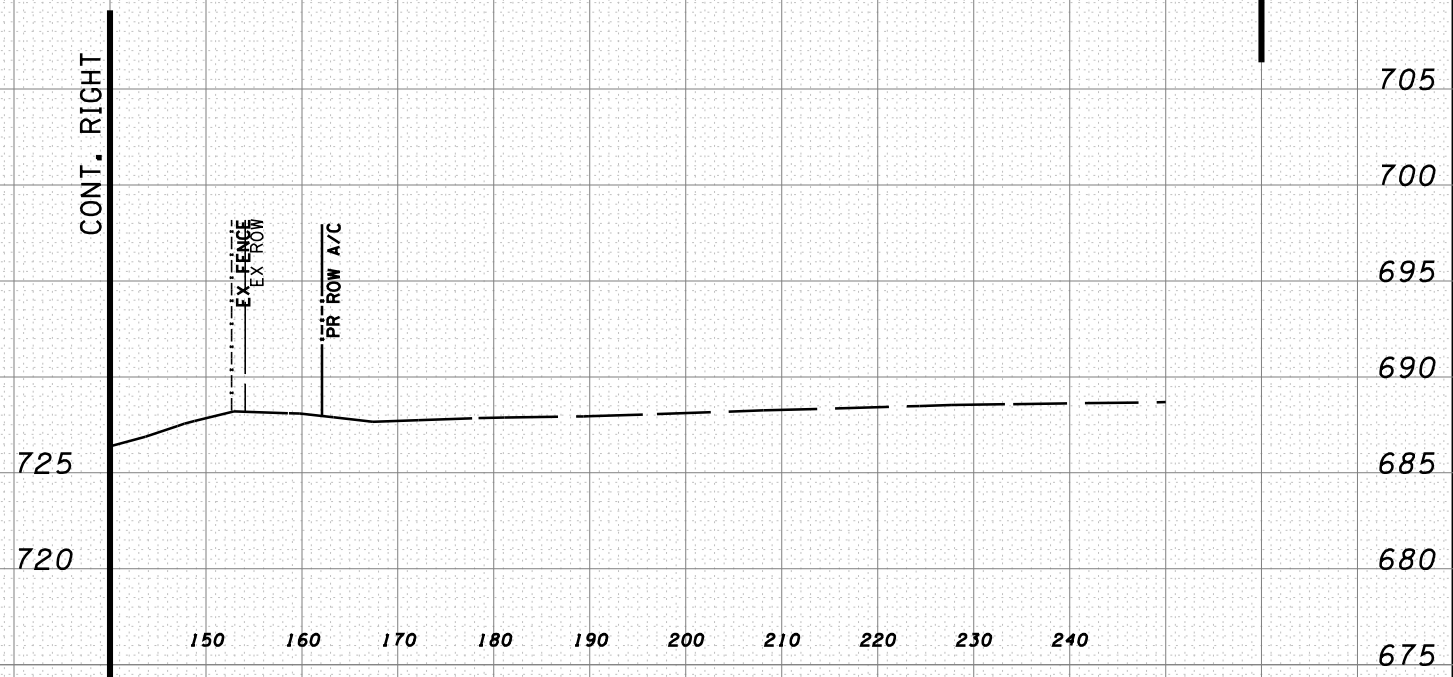
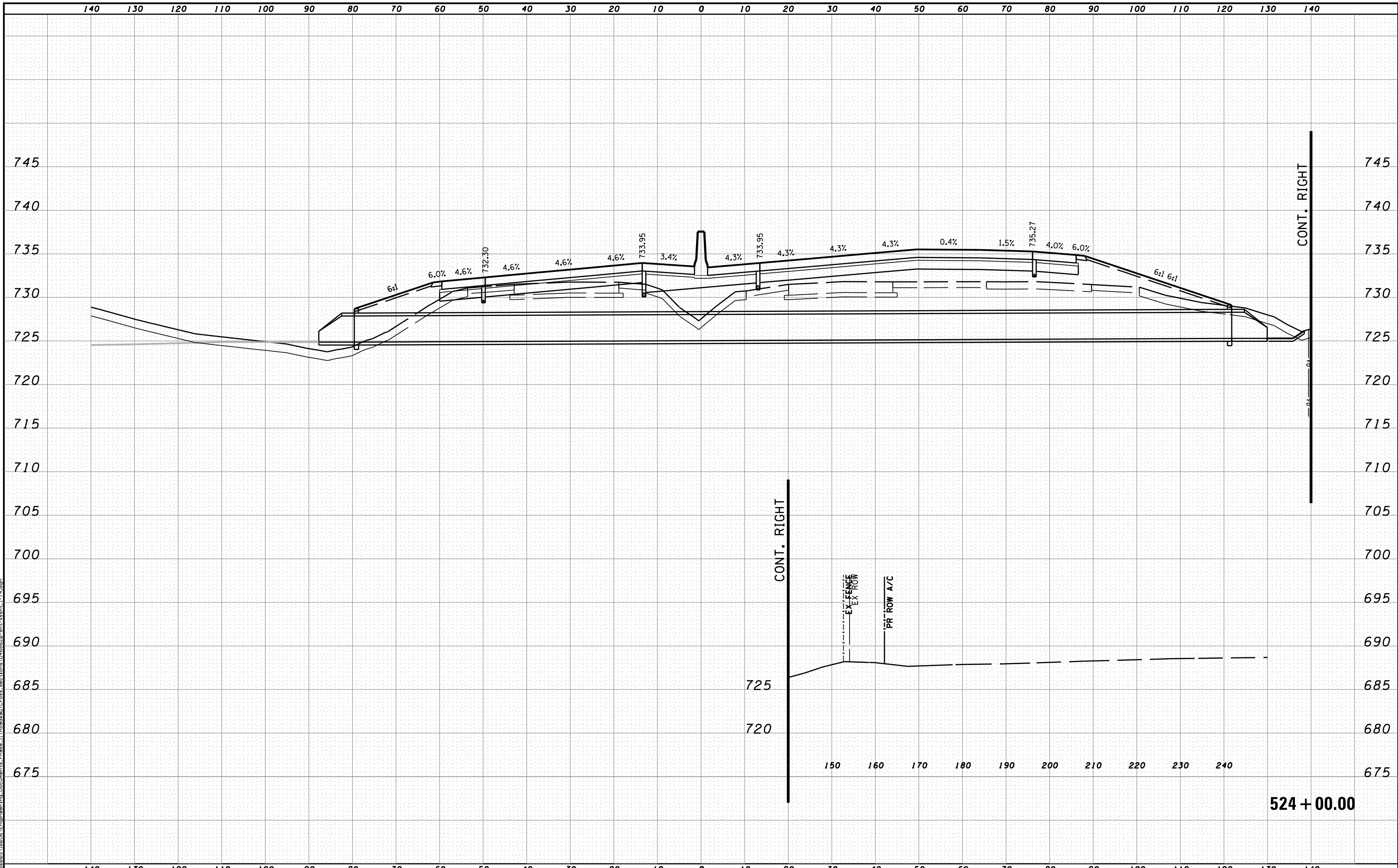


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 45 OF 144 SHEETS STA. 523+00.00 TO STA. 523+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2190
CONTRACT NO. 68620				



MODEL NAME: XS_SHEET_temporary_model_name_46
 DESIGN FILE: \\10000510055\Engineering\Documents\Phase II\Roadway\Cross-sections\0468620-sht-xsht-I-74.dgn

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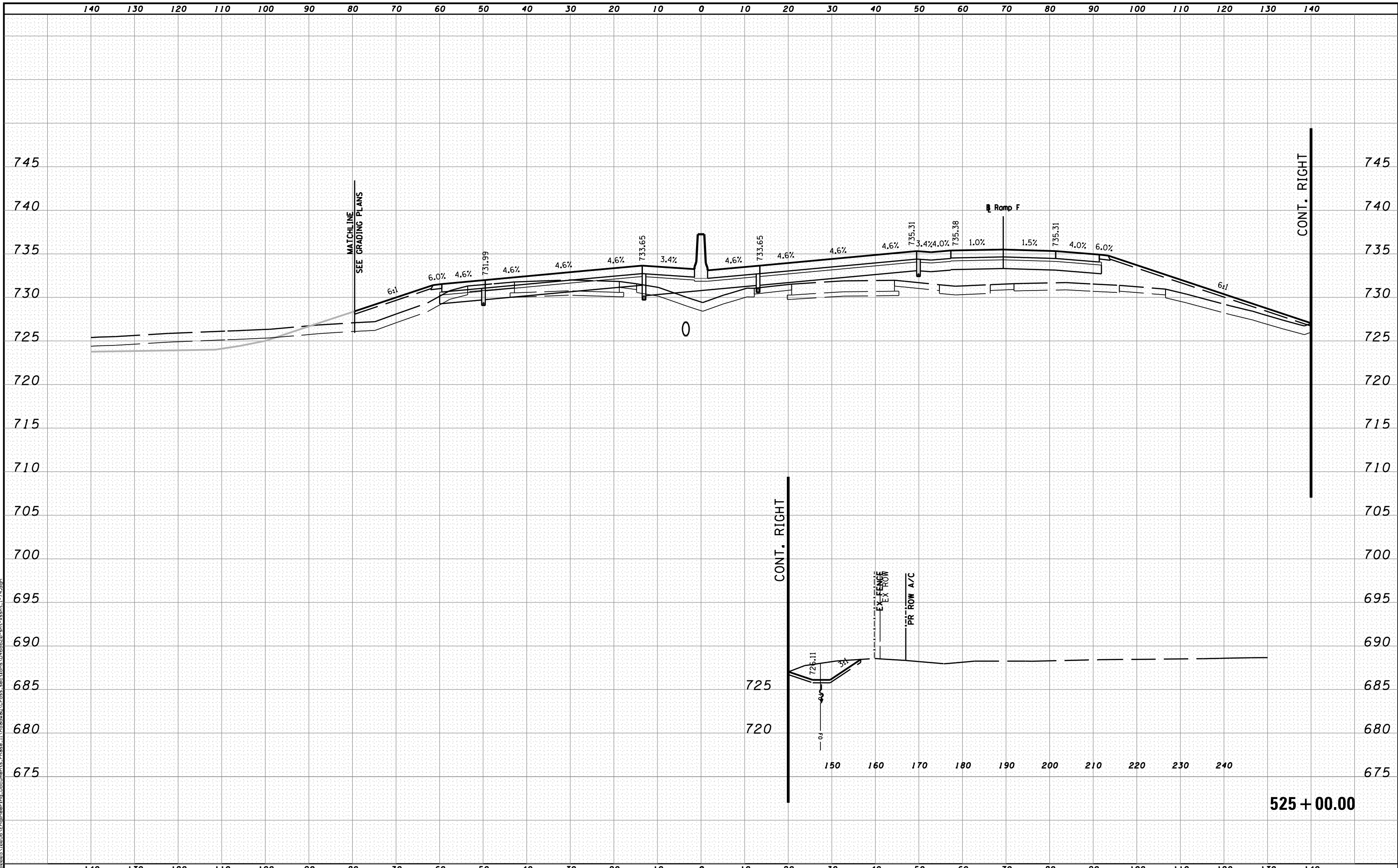


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 46 OF 144 SHEETS STA. 524+00.00 TO STA. 524+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BR	TAZEWELL	2433	2191
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS_SHEET_temporary_model_name_47
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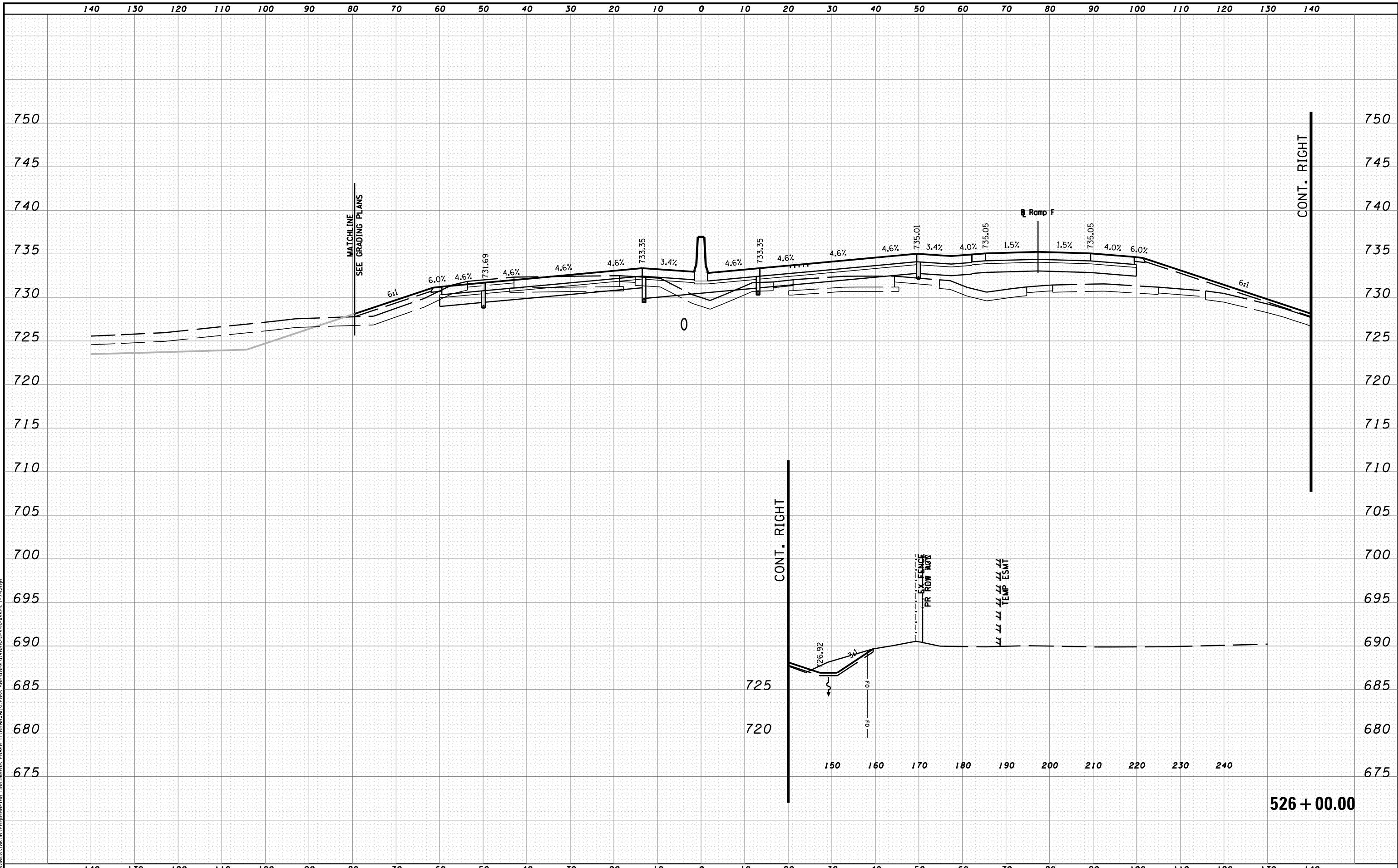


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 47 OF 144 SHEETS STA. 525+00.00 TO STA. 525+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,14,14HVB)BR	TAZEWELL	2433	2192
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_48
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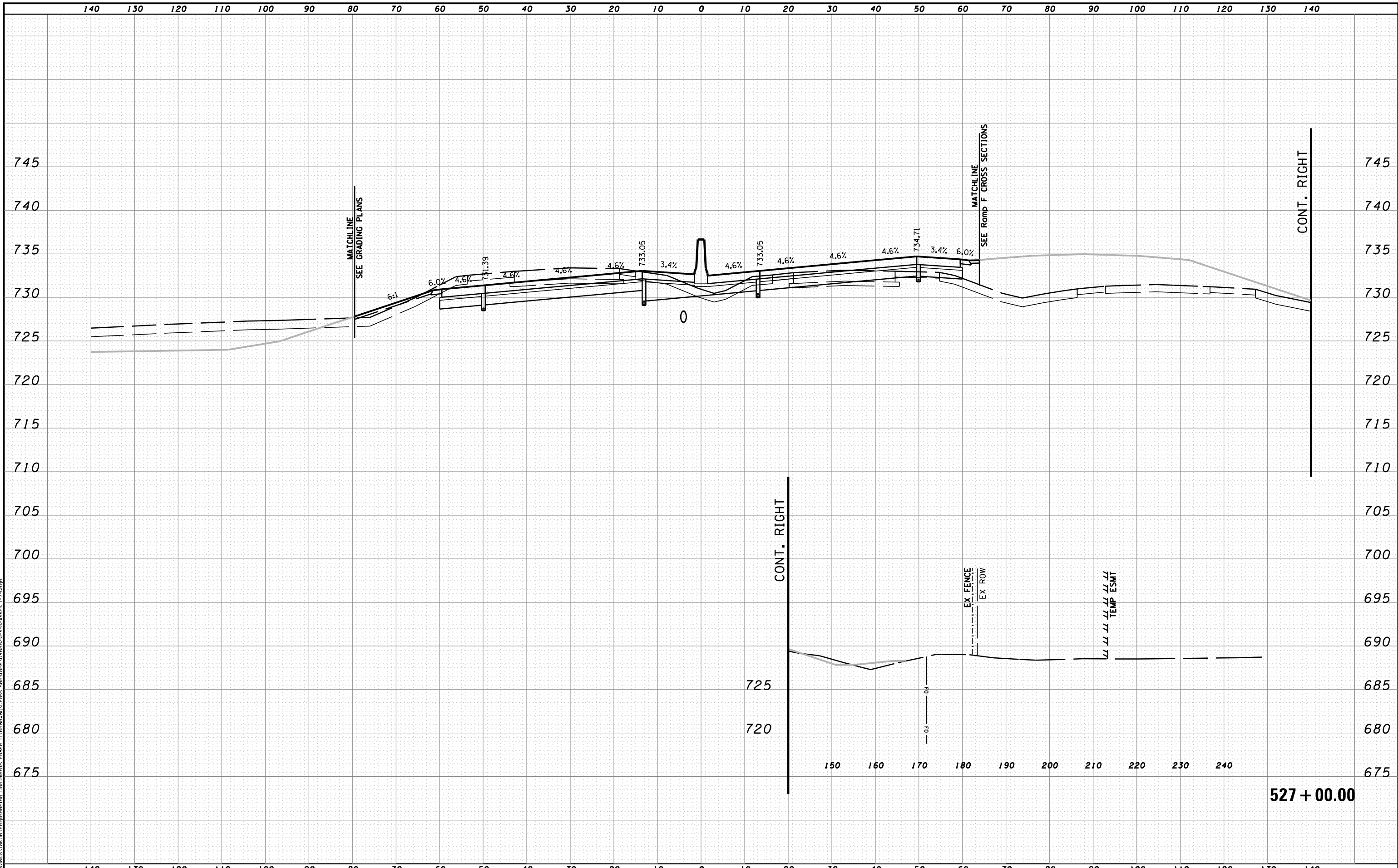


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 48 OF 144 SHEETS STA. 526+00.00 TO STA. 526+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2193
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				



MODEL NAME: XS_SHEET_temporary_model_name_49
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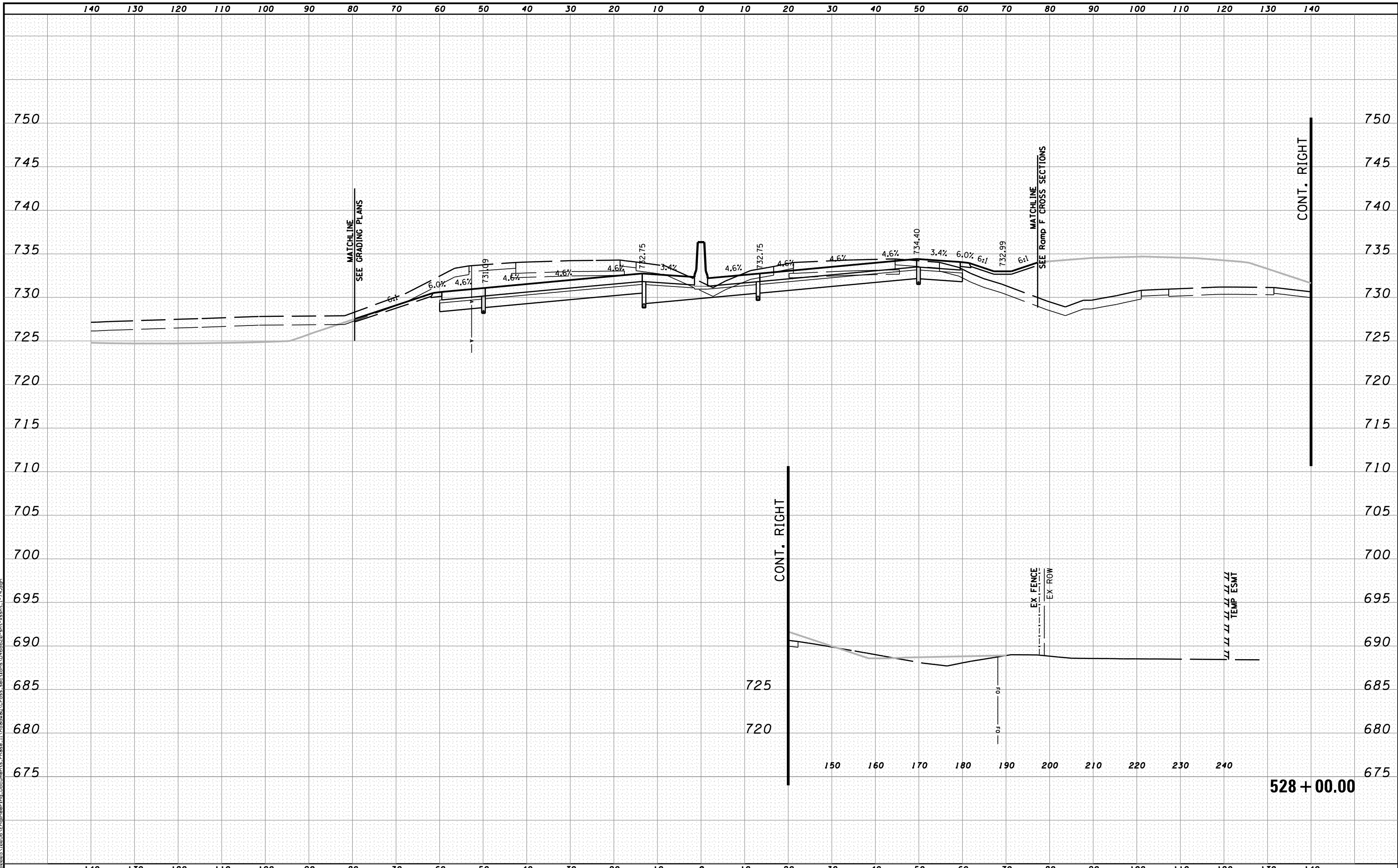
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PLOT DATE = 7/18/2012	DATE - JULY 20, 2012	REVISED -



STATE OF ILLINOIS
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CROSS SECTIONS I-74
 SCALE: H 1"=10', V 1"=5' SHEET NO. 49 OF 144 SHEETS STA. 527+00.00 TO STA. 527+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2194
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS-SHEET_temporary_model_name.dgn
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FILE NAME =	DESIGNED - BH	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

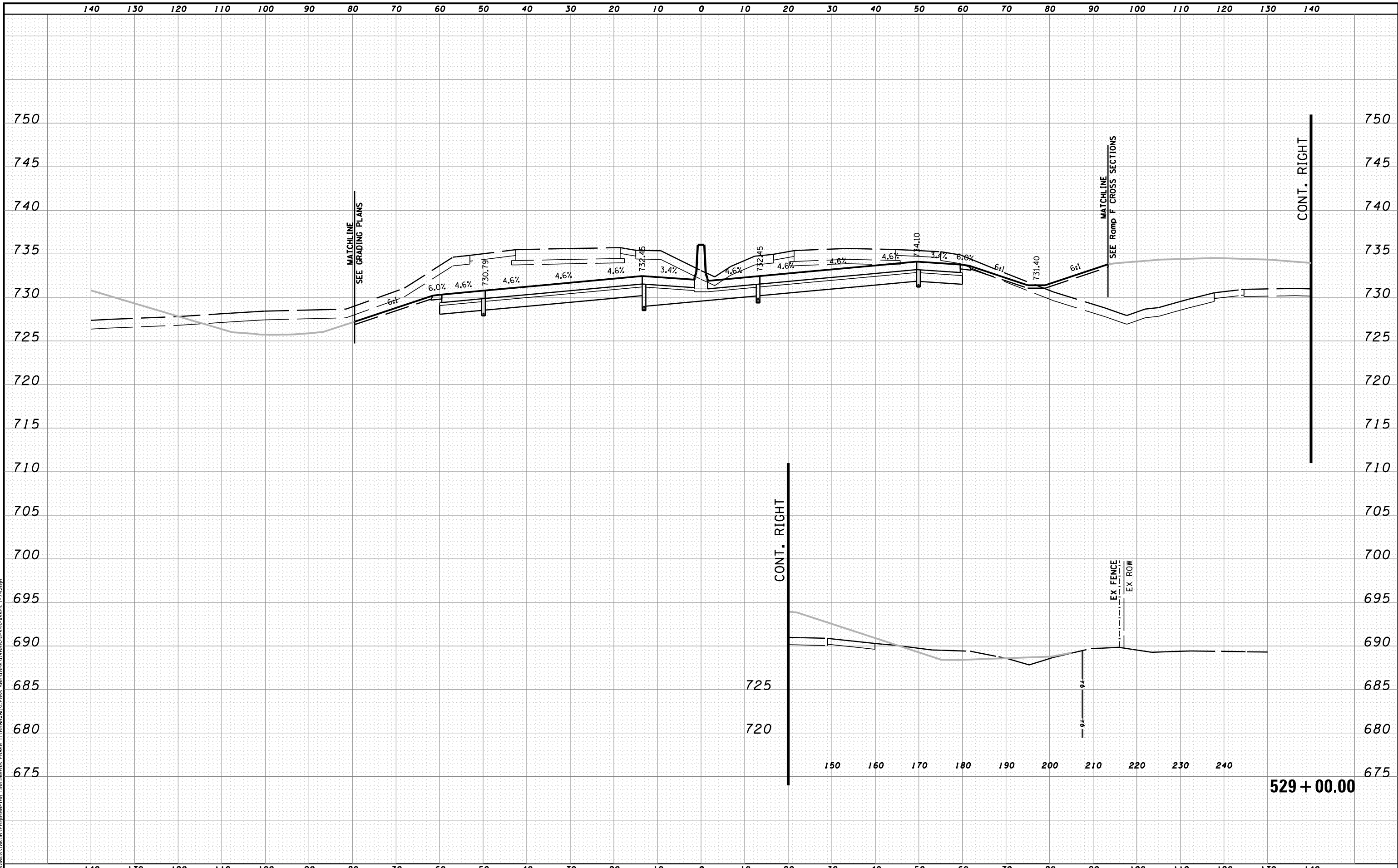
CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 50 OF 144 SHEETS STA. 528+00.00 TO STA. 528+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2195
CONTRACT NO. 68620				

ILLINOIS FED. AID PROJECT

528 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name_51
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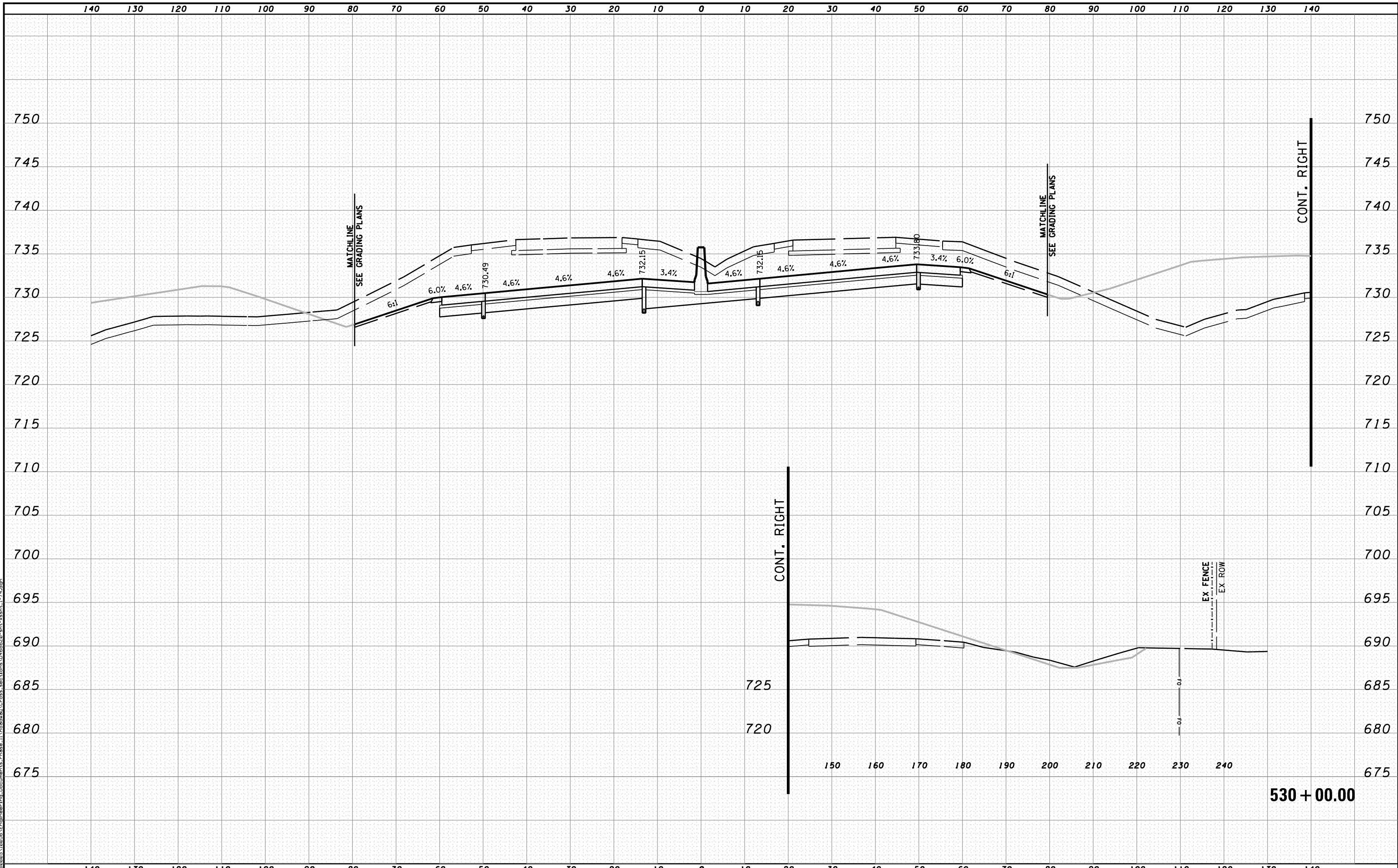


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 51 OF 144 SHEETS STA. 529+00.00 TO STA. 529+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-114R(14HB-4,14,14HVB)BR		TAZEWELL	2433	2196
CONTRACT NO. 68620				



MODEL NAME: XS_SHEET_temporary_model_name.dgn
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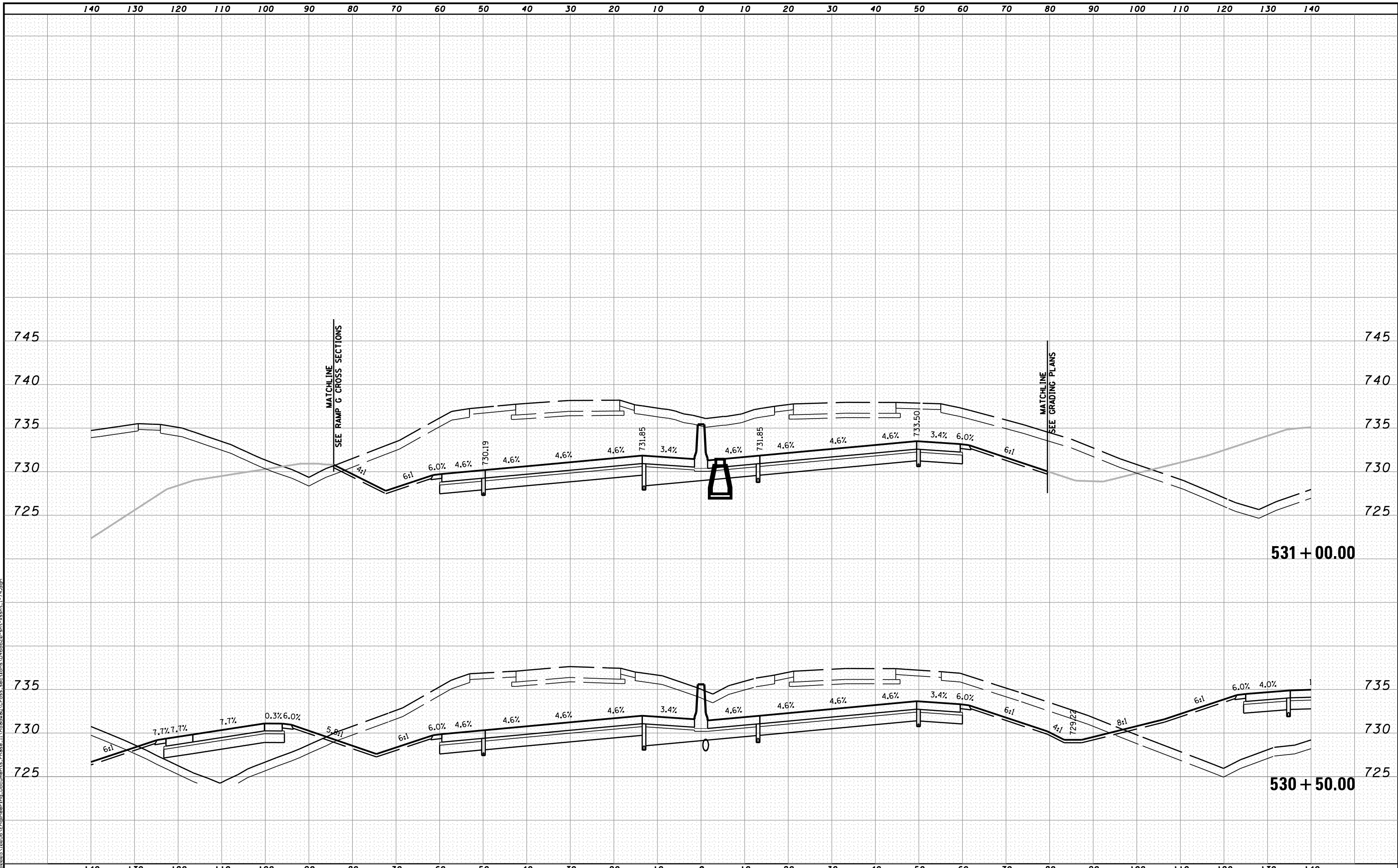
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 52 OF 144 SHEETS STA. 530+00.00 TO STA. 530+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-[14R(14HB-4,14,14HVB)BR]		TAZEWELL	2433	2197
CONTRACT NO. 68620				

530 + 00.00



MODEL NAME: XS_SHEET_temporary_model_name.d3
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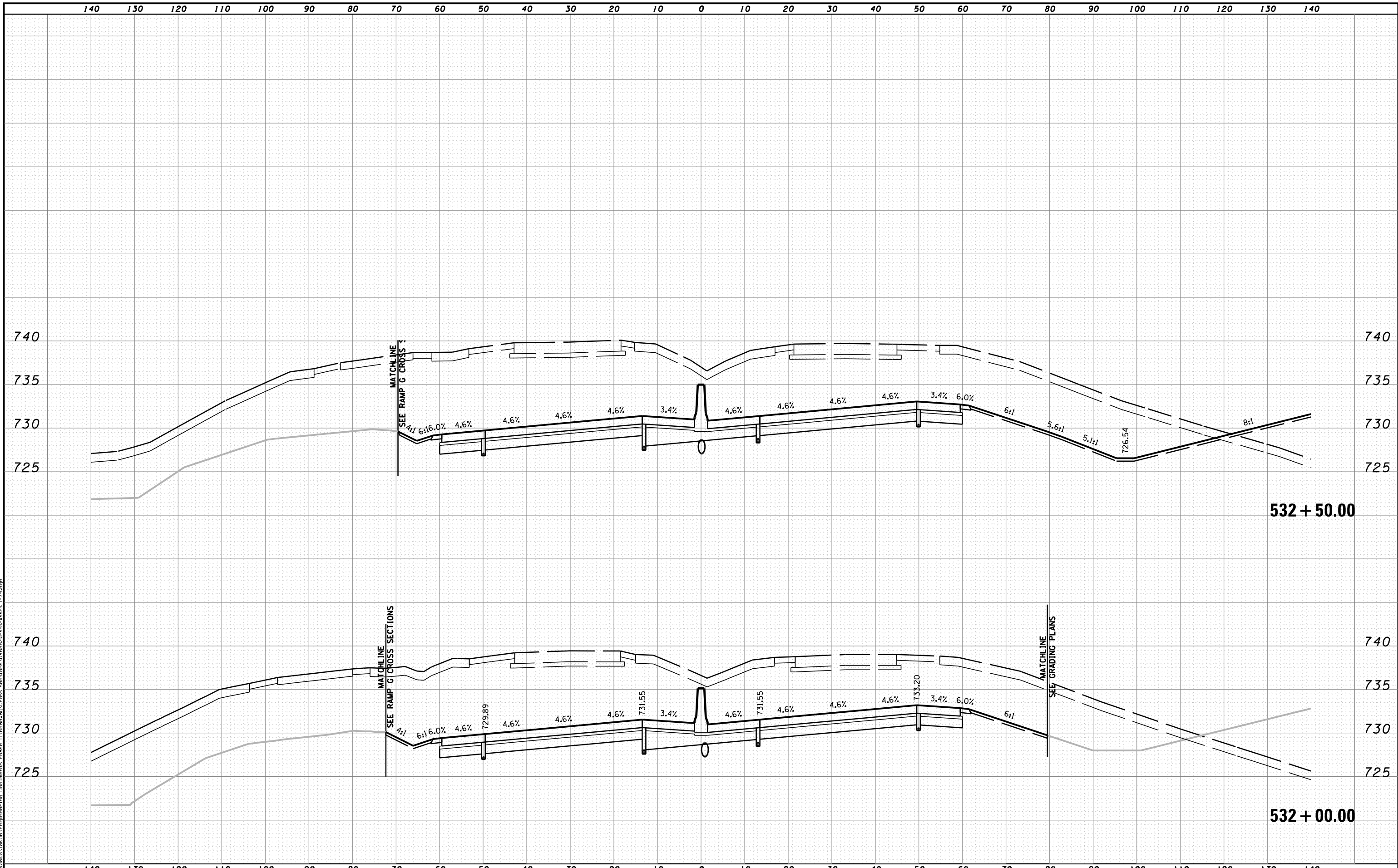


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74

SCALE: H 1"=10', V 1"=5' SHEET NO. 53 OF 144 SHEETS STA. 530+50.00 TO STA. 531+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2198
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68620	



MODEL NAME: XS_SHEET_temporary_model_name.dgn
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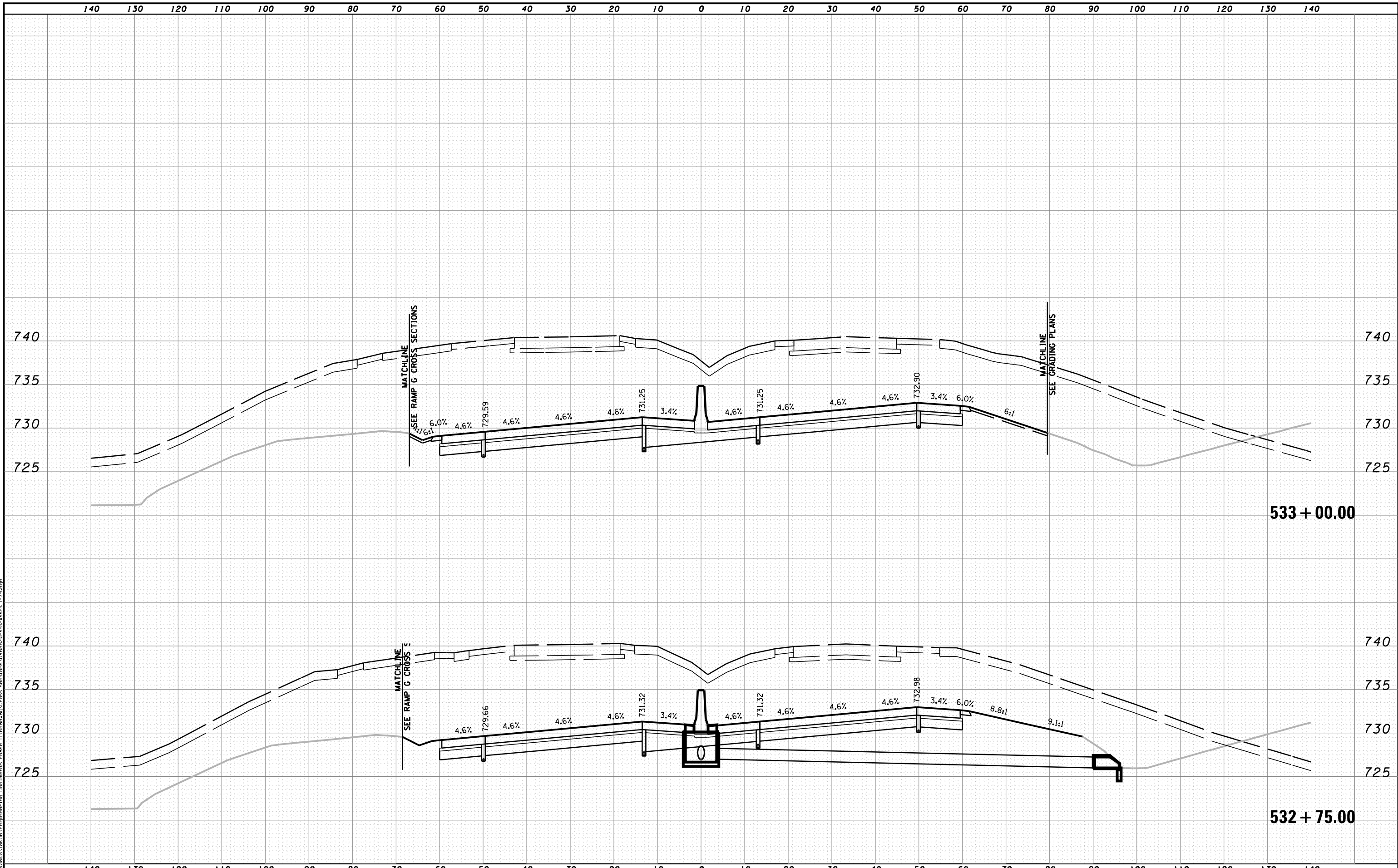
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



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CROSS SECTIONS I-74
 SCALE: H 1"=10', V 1"=5' SHEET NO. 54 OF 144 SHEETS STA. 532+00.00 TO STA. 532+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,1,4,14HVB)BRJ	TAZEWELL	2433	2199
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	



MODEL NAME: XS-SHEET - temporary_model_name.dgn
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PLOT DATE = 7/19/2012	DATE - JULY 20, 2012	REVISED -



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DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS I-74
SCALE: H 1"=10', V 1"=5' SHEET NO. 55 OF 144 SHEETS STA. 532+75.00 TO STA. 533+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	I14R(I14HB-4,14,14HVB)BR	TAZEWELL	2433	2200
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	