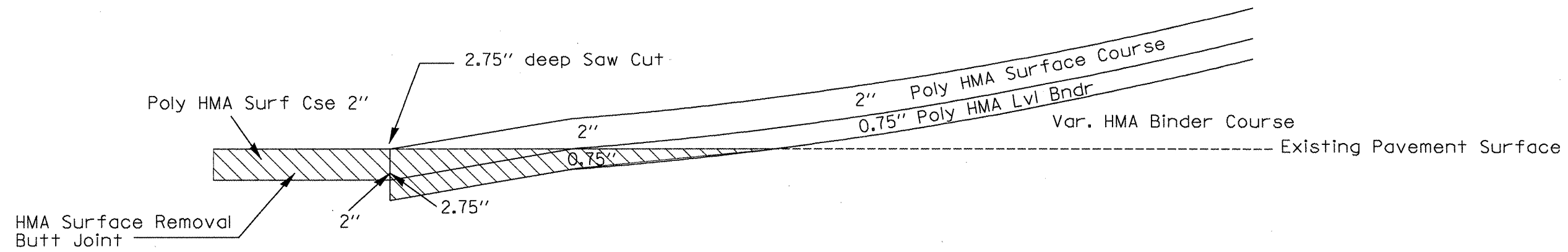
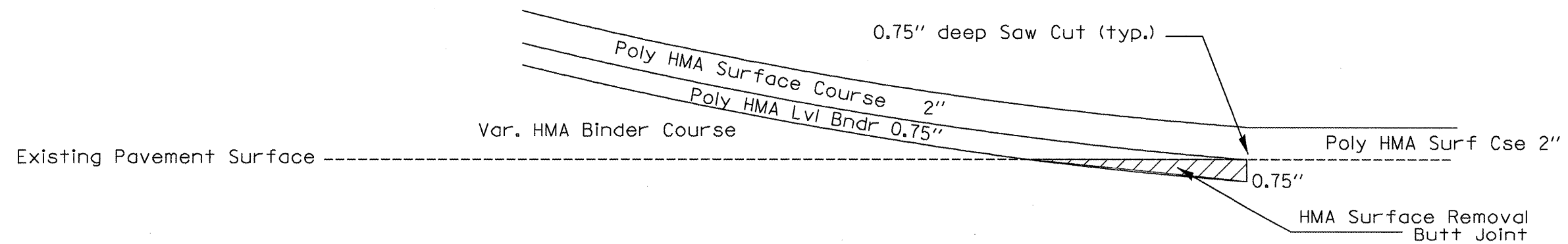


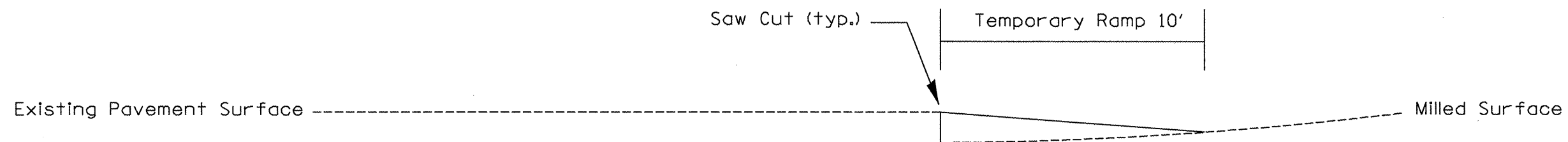
South Butt Joint



North Butt Joint



Temporary Ramp (Typ.)



FILE NAME =	ct\projects\harmhwy\misc\dgn
USER NAME =	everacl
PLOT SCALE =	100.0000' / IN.
PLOT DATE =	10/20/2008

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

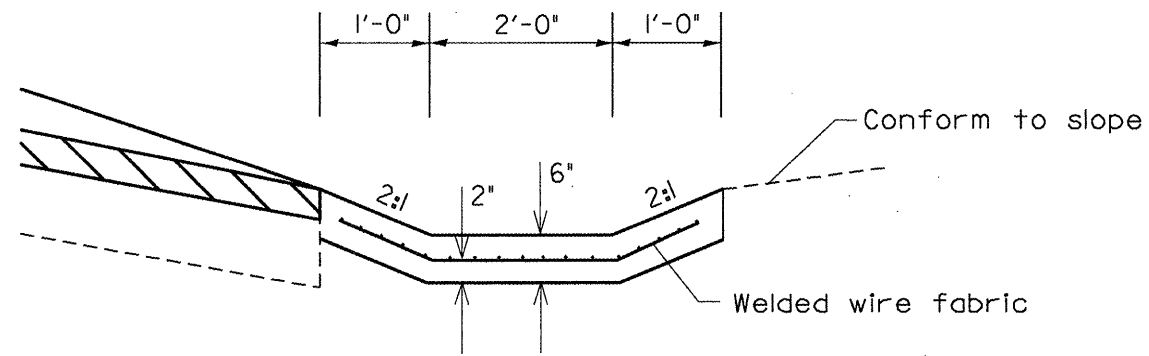
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**Kickapoo Creek Road Spur Butt Joints**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

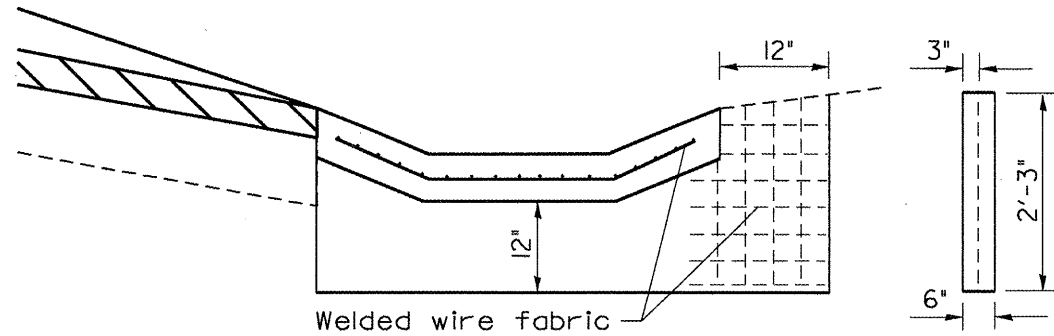
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6758	(1-R),(1-VC)BR	PEORIA	172	101
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092	

PAVED DITCH DETAIL  
 Rt. Sta. 227+00 to 227+16  
 Rt. Sta. 227+58 to 227+78



NOTE:  
 ANCHOR WALL AND WIRE MESH SHALL BE INCLUDED IN THE  
 CONTRACT UNIT PRICE FOR PAVED DITCH AND NO EXTRA  
 COMPENSATION WILL BE ALLOWED.

WELDED WIRE FABRIC SHALL CONFORM TO ARTICLES 1006.10(c)(1)  
 AND SHALL NOT BE LESS THAN 58 POUNDS PER 100 SQ FEET.



ANCHOR WALL

FILE NAME =  
 c:\projects\harmhw\m130.dgn

USER NAME = everocl

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / IN.

CHECKED -

REVISED -

PLOT DATE = 10/20/2008

DATE -

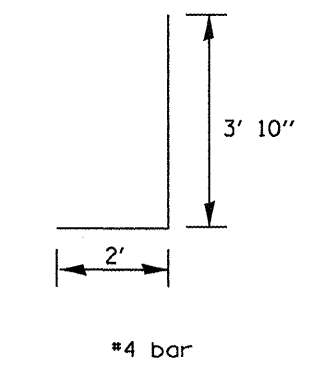
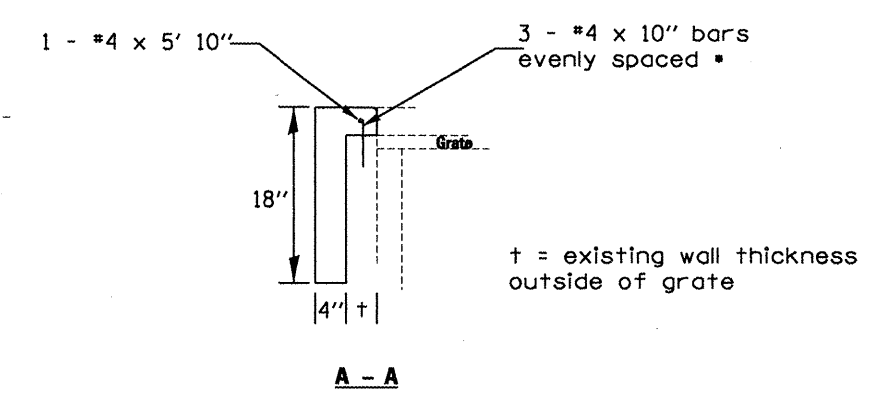
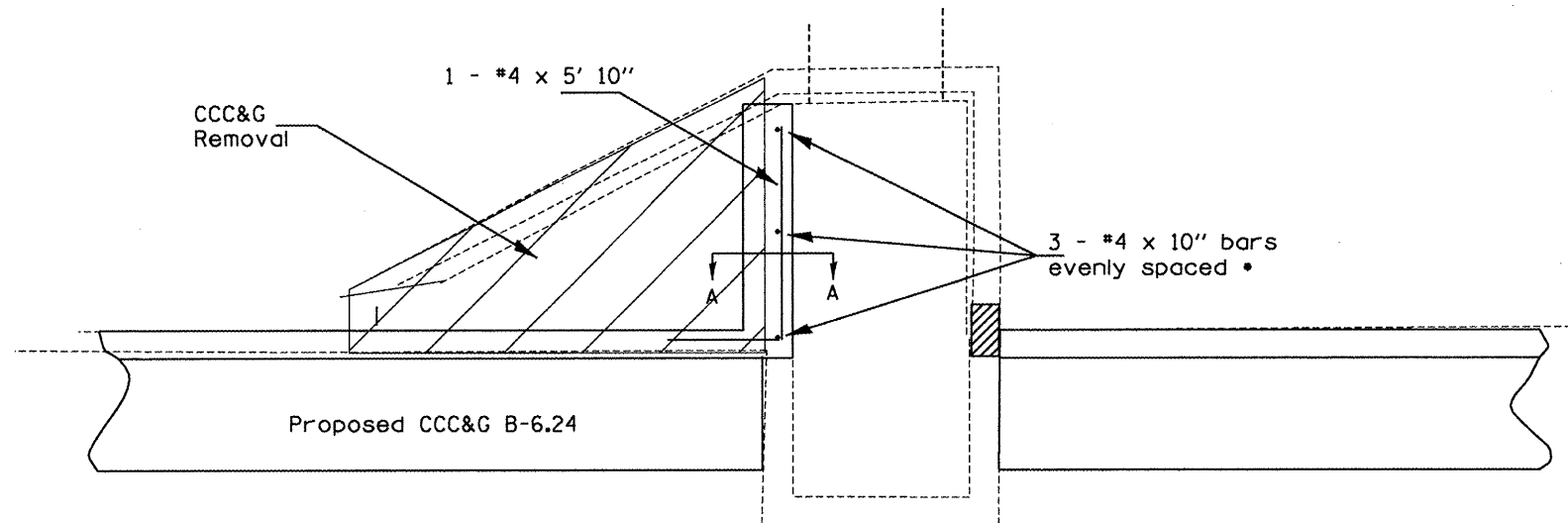
REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**Paved Ditch Detail**

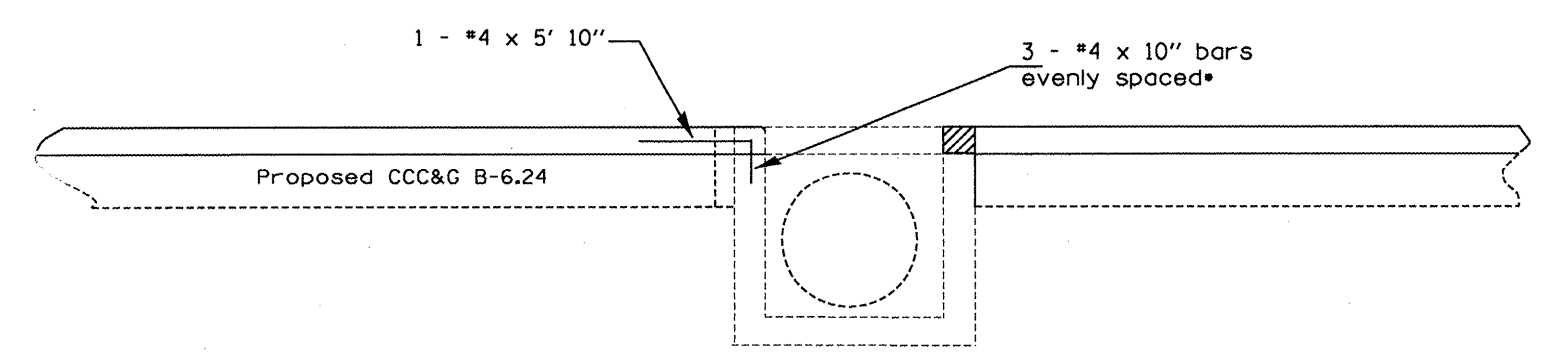
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1)-RIRS, (1)-VCIBR	PEORIA	192	102
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092	



**TOP**

Remove curb portion as directed by the Engineer



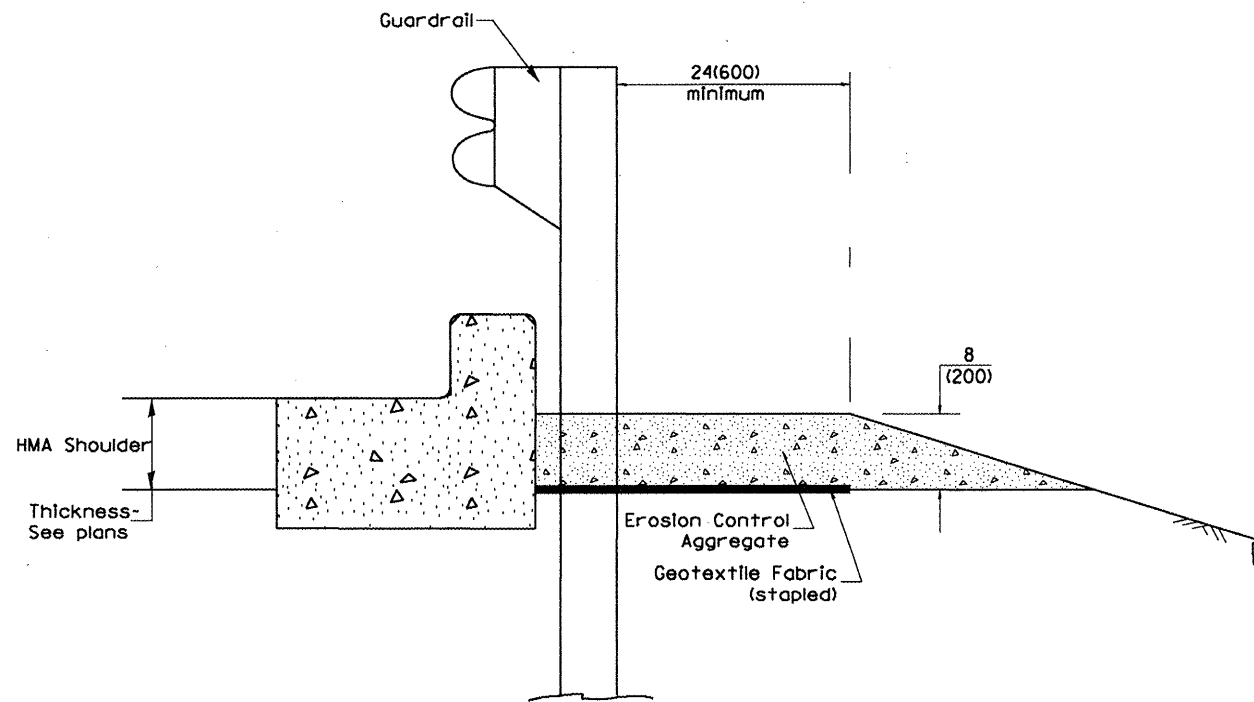
**FRONT**

• The proposed #4 bars are to be grouted into holes drilled into the existing inlet and approximately 6" in depth or as directed by the Engineer.

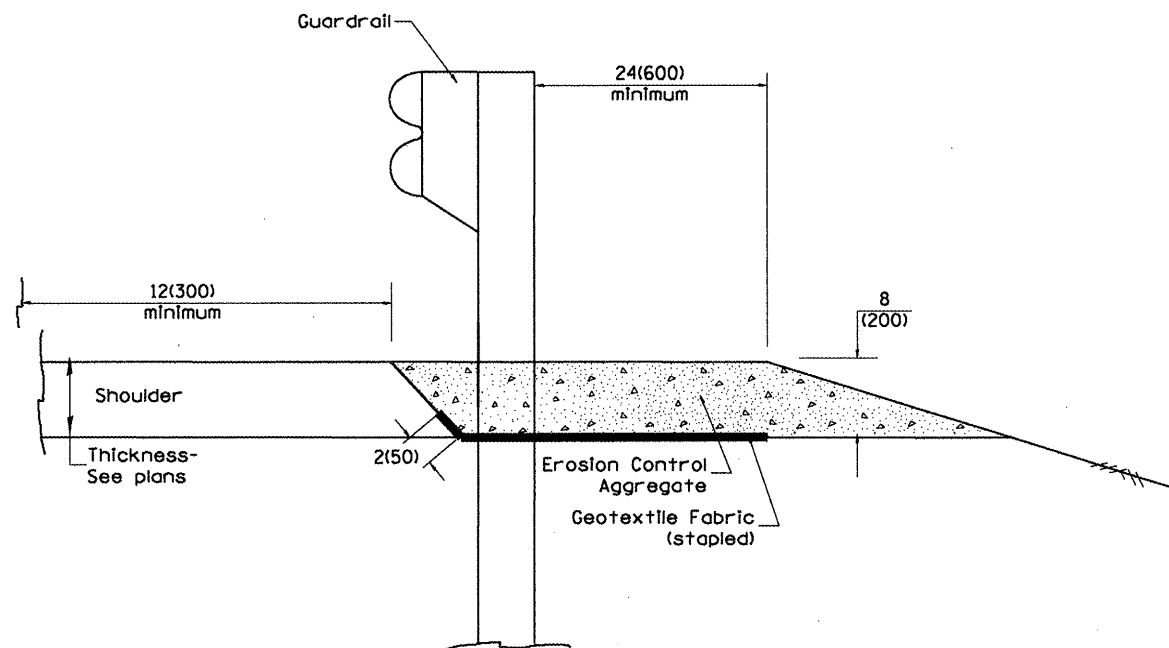
The proposed curb removal shall be paid for as Combination Curb and Gutter Removal.

All labor and materials required for the transition from the proposed Curb and Gutter to the existing inlet as shown will not be paid for separately but will be considered included in the Agreed Unit Price bid for COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.24.

FILE NAME =	USER NAME = lajnadm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LT. STA. 202 + 41 COMBINATION CURB AND GUTTER TRANSITION</b>			F.A.U. RTE. 6578	SECTION (1-RIRS (1-VCIBR	COUNTY Peoria	TOTAL SHEETS 142	SHEET NO. 103
SAGEN\DRIFT\STD&PLNS\Squad\68092 Ar	ort Road\plan01.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 1/8" = 1' / IN.	CHECKED -	REVISED -									
	PLOT DATE = 10/17/2008	DATE -	REVISED -									



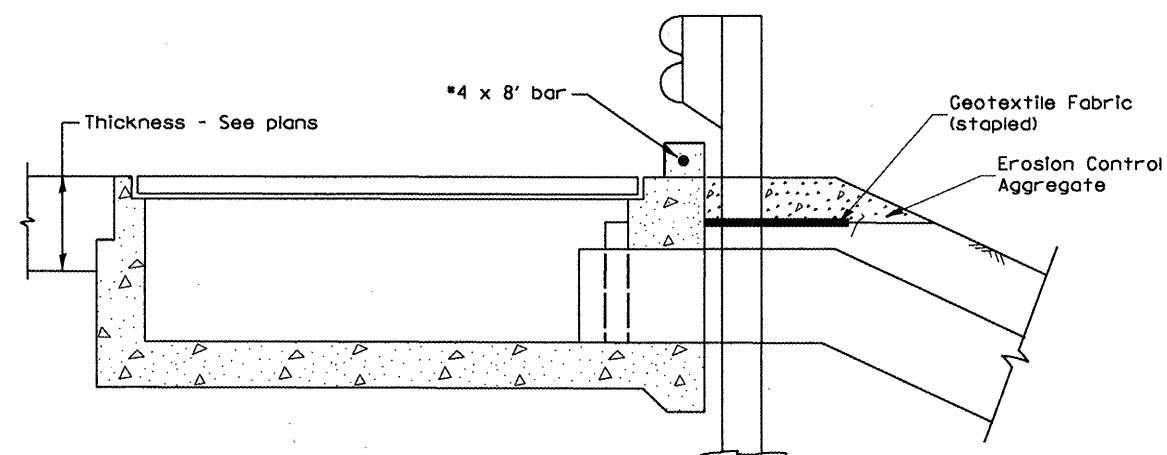
TYPICAL SECTION WITH B-6.24 CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

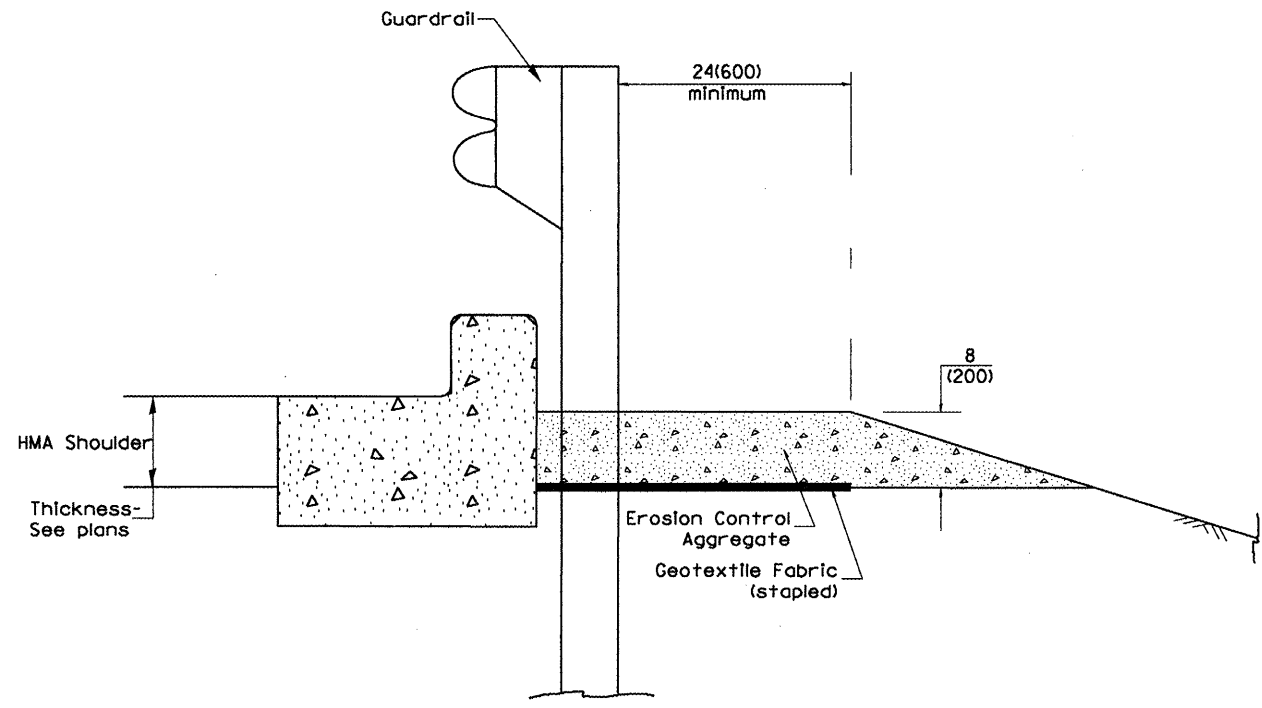
**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

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

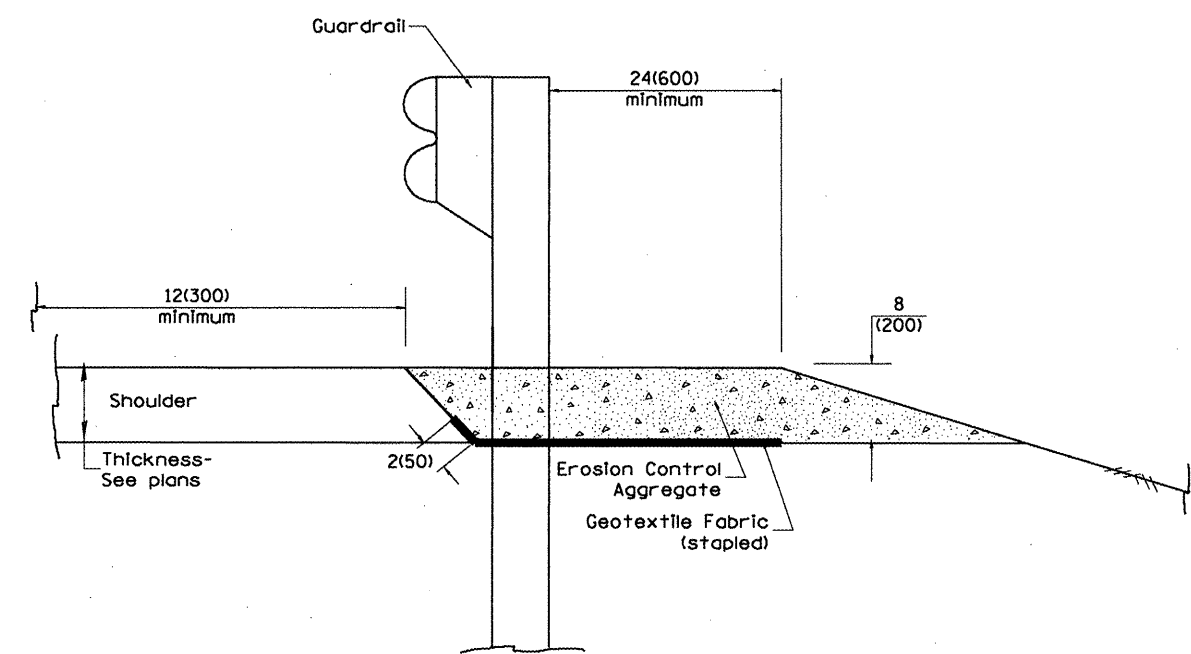


TYPICAL SECTION WITH B-6.24 CURB  
AT INLETS TYPE E & F (STANDARD 610001)

FILE NAME *	USER NAME = loynedm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRIFT\STD&PLNS\Squad1\68092 Airport Road\plan21.dgn	DRAWN -	REVISED -	6578			(1-R)RS (1-VC)BR	Peoria	122	104	
PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISED -	CONTRACT NO. 68092							
PLOT DATE = 10/17/2008	DATE -	REVISED -	FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF SHEETS		STA. TO STA.		



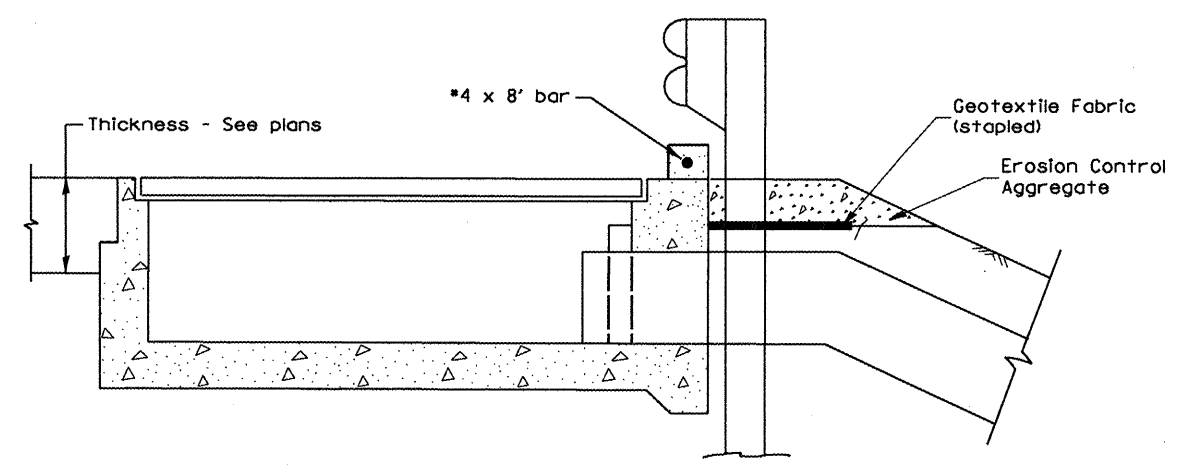
TYPICAL SECTION WITH B-6.24 CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

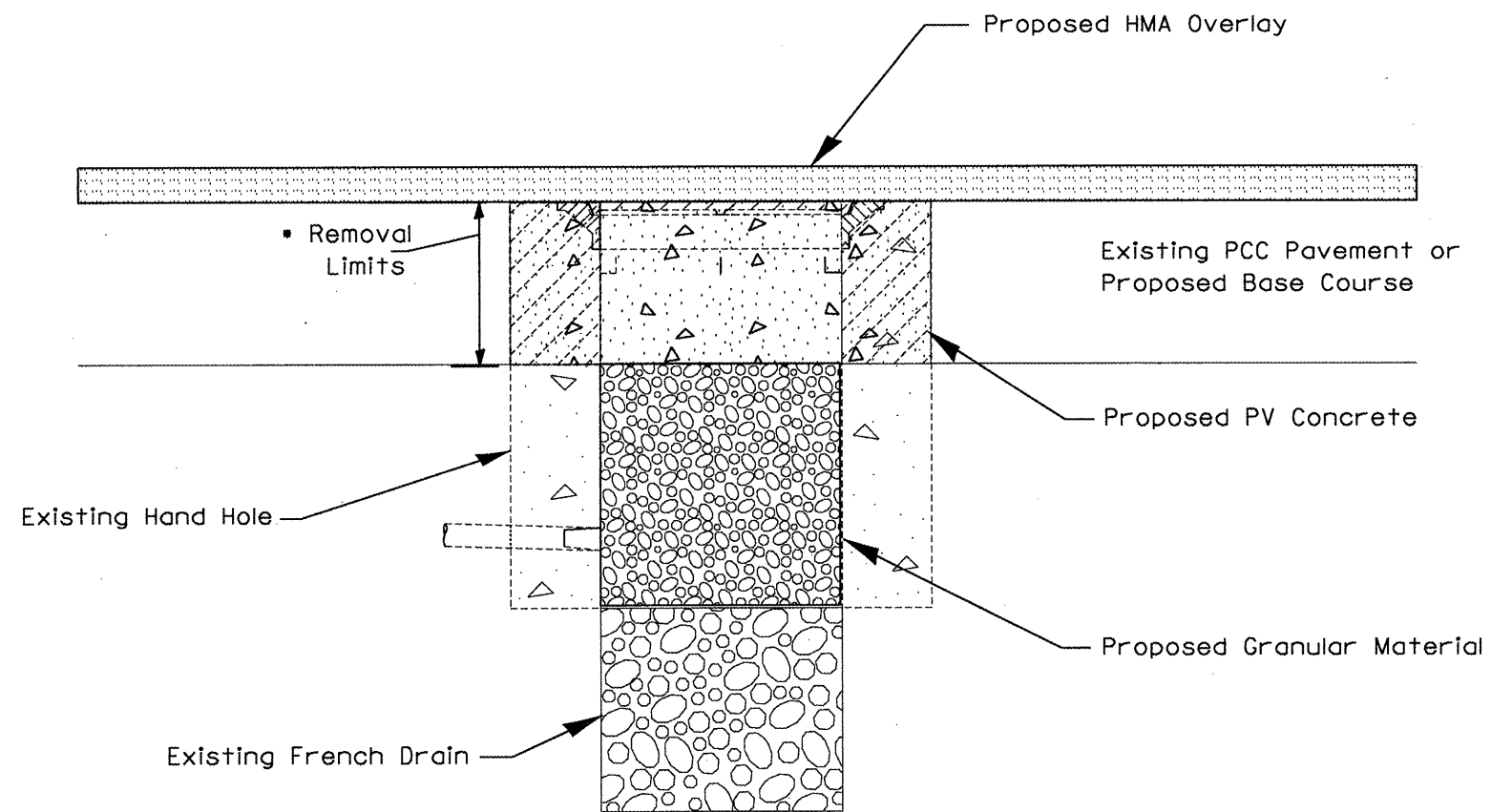
**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

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



TYPICAL SECTION WITH B-6.24 CURB AT INLETS TYPE E & F (STANDARD 610001)

FILE NAME =	USER NAME = lsgnedm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRAF\STD&PLNS\Squad1\68092	Port Road\plan01.dgn	DRAWN -	REVISED -			6578	(1-R)RS (1-VC)BR	Peoria	142	105
	PLOT SCALE = 1/8" = 1' / IN.	CHECKED -	REVISED -			CONTRACT NO. 68092				
	PLOT DATE = 10/17/2008	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT



General Notes

After removal the handhole shall be filled to the bottom of the existing pavement, or proposed base course, in accordance with applicable portions of Article 207 of the Standard Specifications.

The remainder of the handhole shall be filled with class PV concrete to bottom of the proposed overlay or as directed by the Engineer.

Materials resulting from the removal of portions of the existing hand holes shall be disposed of in accordance with Article 202.03 of the Standard Specifications.

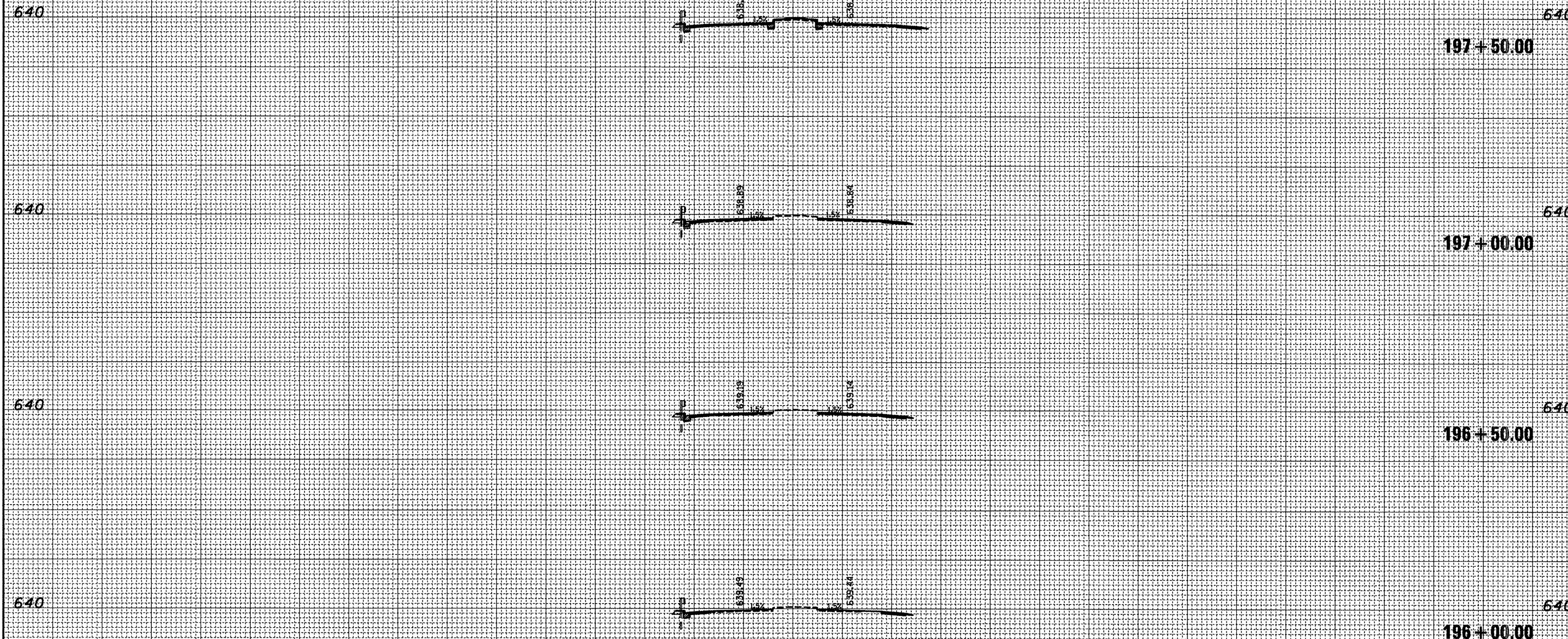
This work shall be paid for at the contract unit price per each for REMOVE EXISTING HANDHOLE and shall include all labor and materials necessary to complete the work.

FILE NAME =	USER NAME = laynedn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVE EXISTING HANDHOLE</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRIFT\ST0&PLNS\Squad\68092 Airport Road\Lighting\airportroadlighting.dgn	DRAWN -	REVISED -	389			(1-R/R)S (1-V/C)BR	Peoria	142	106	
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT							
PLOT DATE = 10/17/2009	DATE -	REVISED -	SCALE: _____			SHEET NO. _ OF _ SHEETS	STA. _____ TO STA. _____			

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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



300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

FILE NAME = c:\projects\hwy\sheet.dgn  
 USER NAME = evrrecl  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

Cross Sections - Airport Rd (Dip Location)  
 SCALE: SHEET NO. OF SHEETS STA. 196+00.00 TO STA. 197+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
6578	(I-RIRS, (I-VCIBR	PEORIA	12107
FED. ROAD DIST. NO.			CONTRACT NO. 68092
ILLINOIS FED. AID PROJECT			

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

FINAL SURVEY	SURVEYED	PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

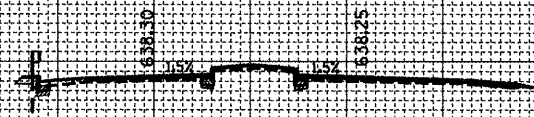
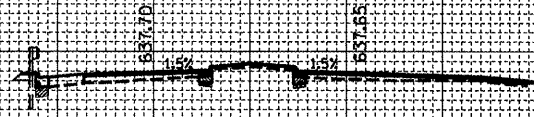
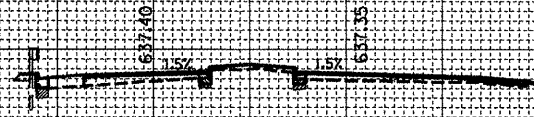
ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

640

640

640

640



199+50.00

199+00.00

198+50.00

198+00.00

640

640

640

640

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

FILE NAME = c:\projects\harmhy\sheet.dgn  
 USER NAME = everscl  
 PLOT SCALE = 48.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

Cross Sections - Airport Rd (Dip Location)  
 SCALE: SHEET NO. OF SHEETS STA. 198+00.00 TO STA. 199+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-RIRS, (1-VC)BR	PEORIA	172	108
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68092			



300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

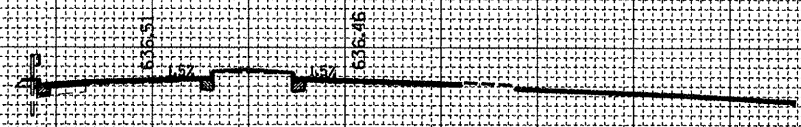
FINAL SURVEY	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

640

630

640

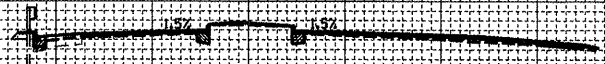
201+00.00 630



640

640

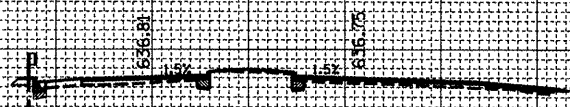
200+75.00



640

640

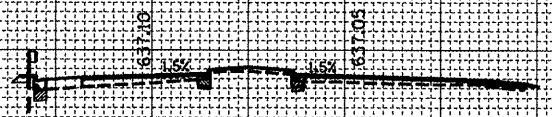
200+50.00



640

640

200+00.00



300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

ORIGINAL SURVEY	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

FILE NAME = c:\pro\pact\harmhwy\xsheets.dgn  
 USER NAME = everacl  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

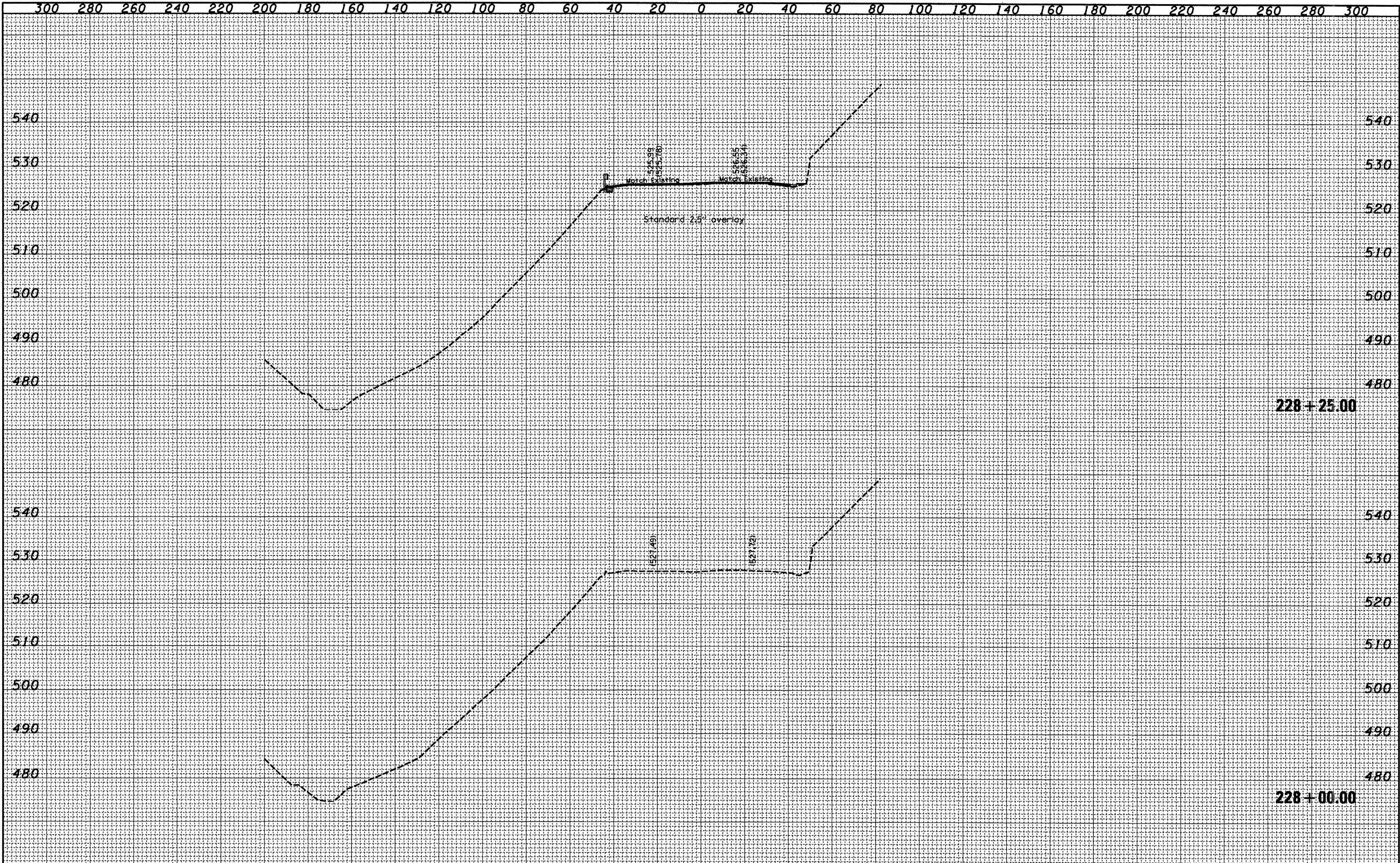
Cross Sections - Airport Rd (Dip Location)

SCALE: SHEET NO. OF SHEETS STA. 200+00.00 TO STA. 201+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-RIRS, (1-VICBR	PEORIA	142	109
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 68092	

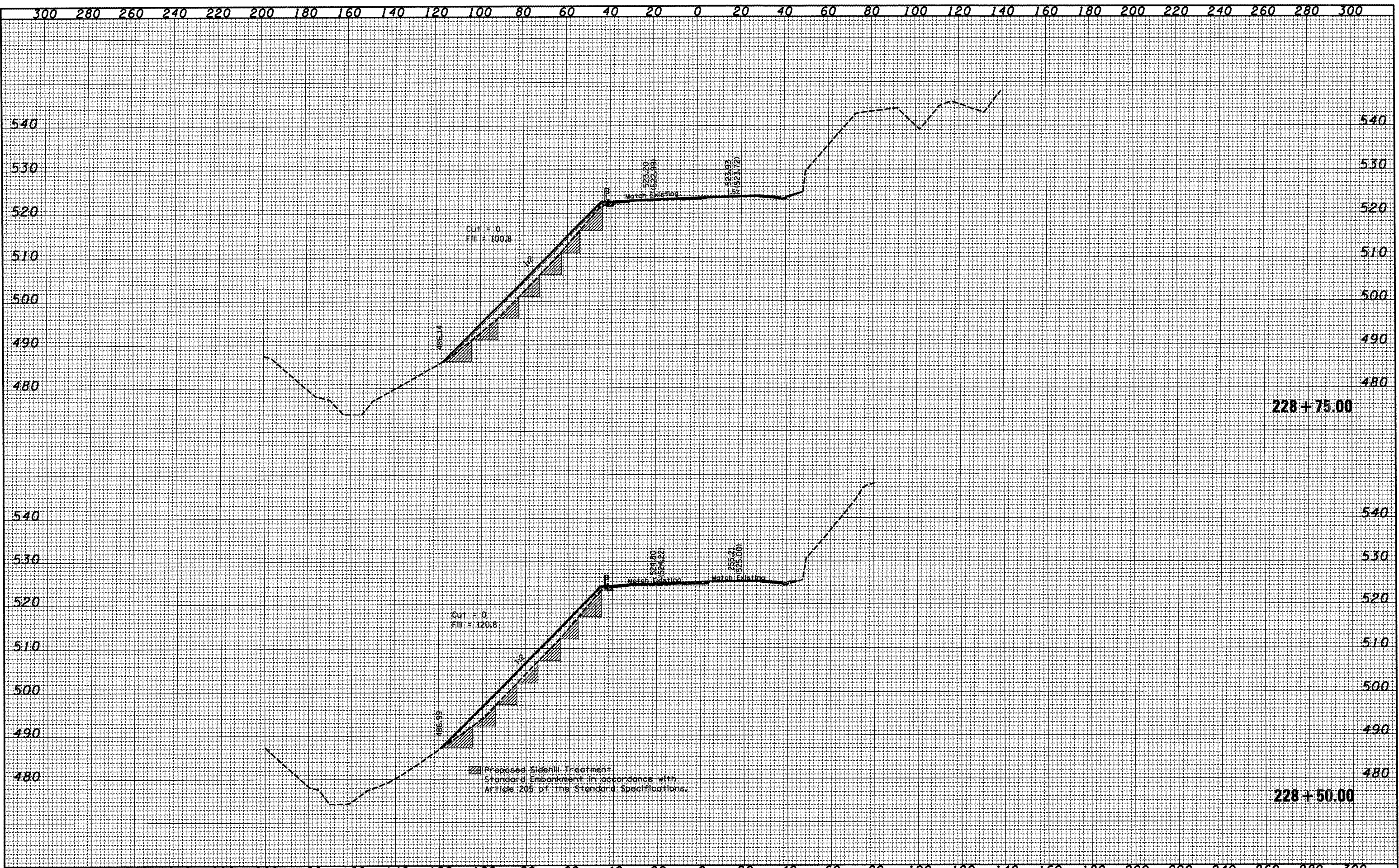
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CREATED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CREATED		



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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



FILE NAME = c:\projects\harmhwy\ksheets.dgn  
 USER NAME = ever-sc1

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

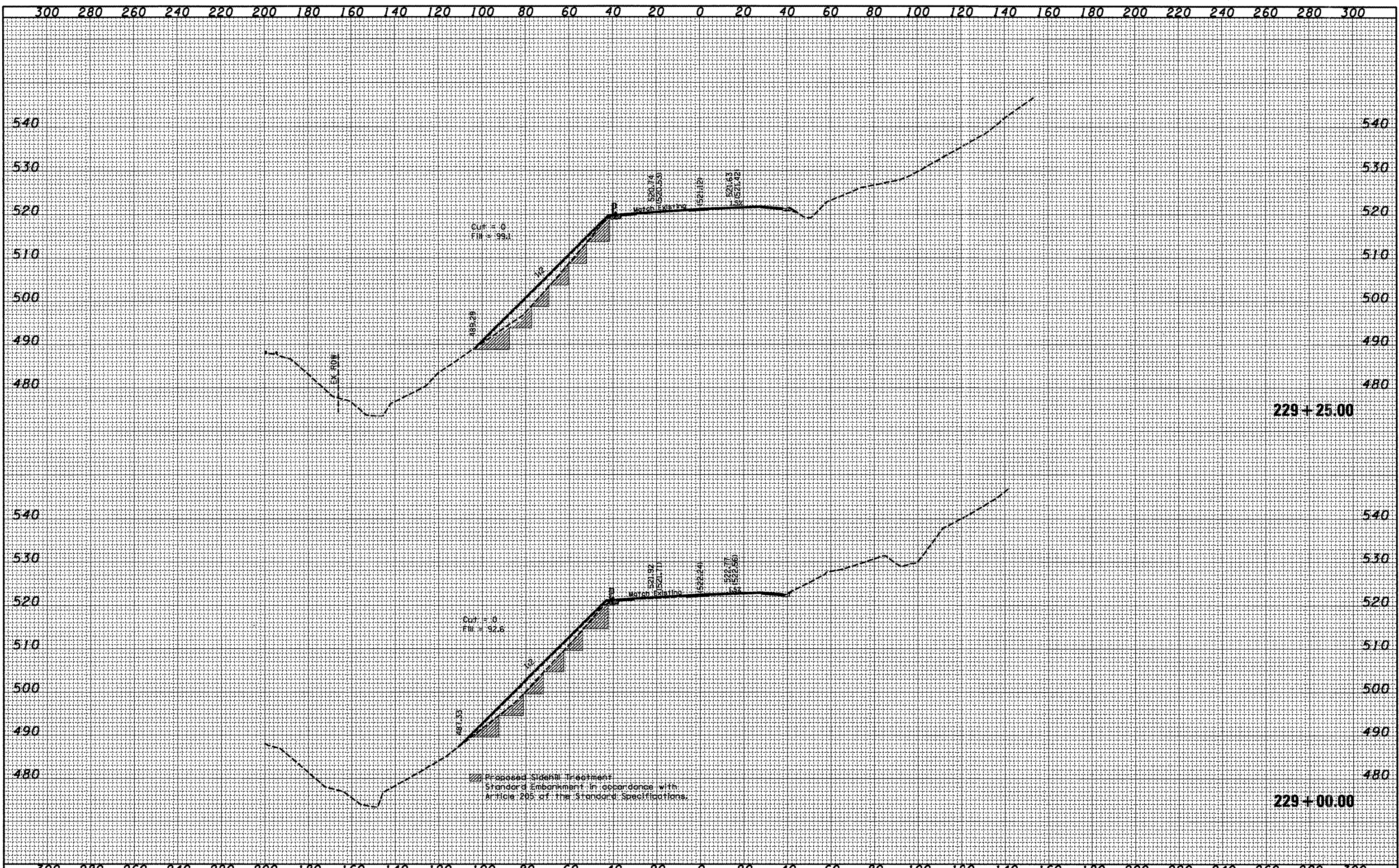
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

Cross Sections - Airport Rd (Transition)  
 SCALE: SHEET NO. OF SHEETS STA. 228+50.00 TO STA. 228+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(I-RIRS, (I-VCIBR	PEORIA	142	111
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 68092				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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



FILE NAME = c:\projects\harshy\ssheets.dgn  
 USER NAME = overcol  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

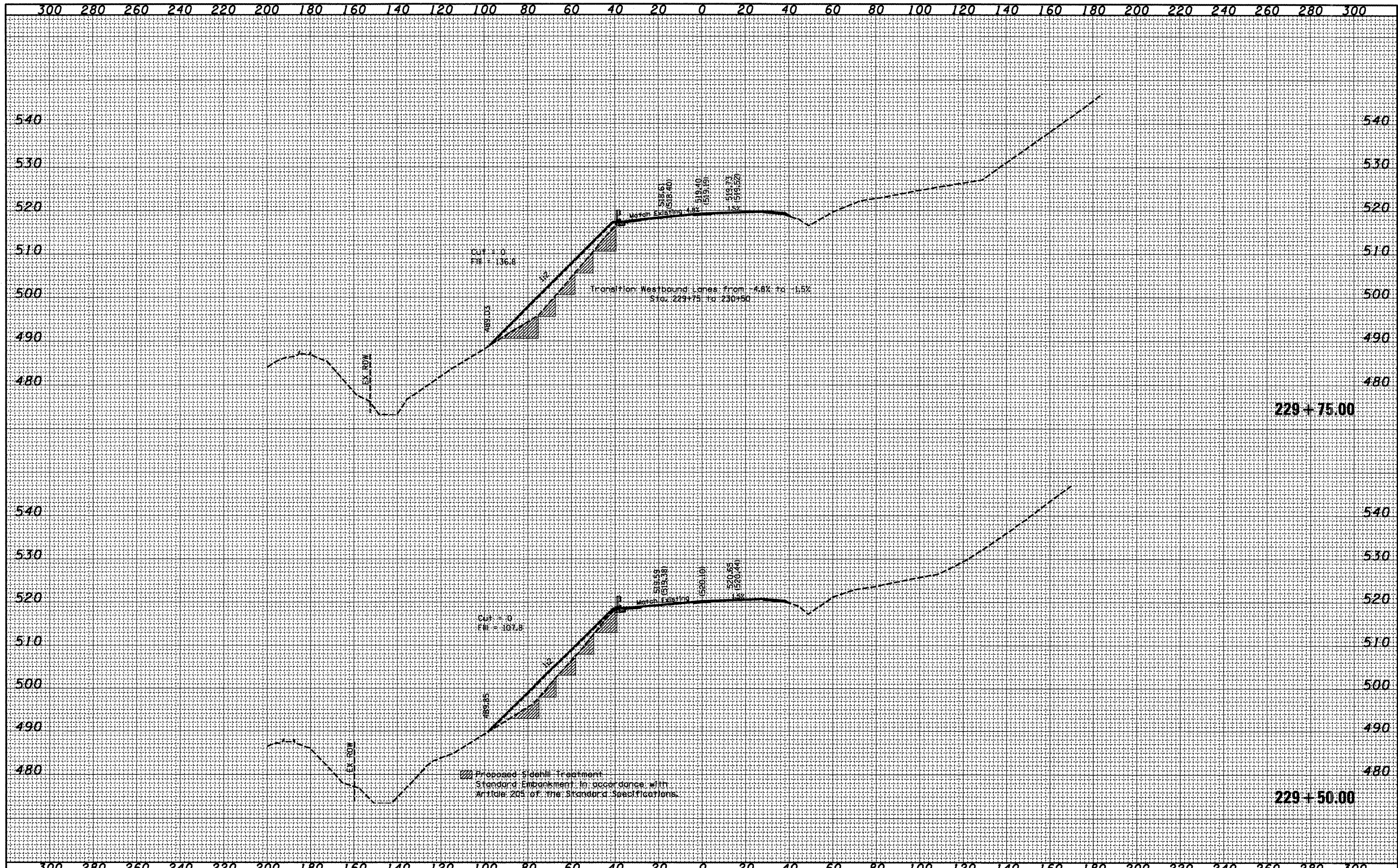
**Cross Sections - Airport Rd (Transition)**

SCALE: SHEET NO. OF SHEETS STA. 229+00.00 TO STA. 229+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(I-R/R, I-VC/BR	PEORIA	192	112
CONTRACT NO. 68092				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

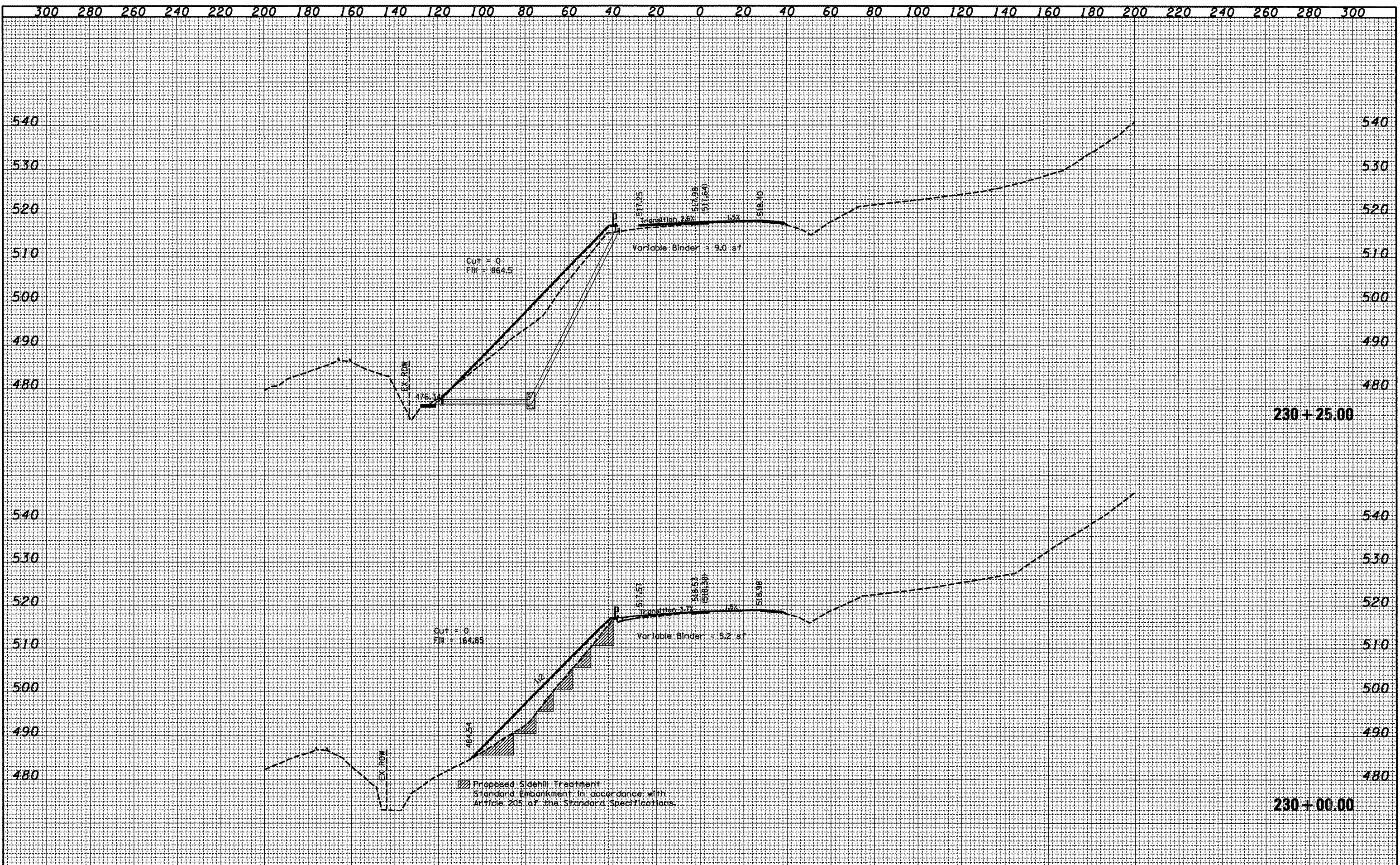


FILE NAME =	USER NAME = eversci	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>Cross Sections - Airport Rd (Transition)</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
ca:\projects\harmhwy\ssheets.dgn		DRAWN -	REVISED -			6578	(1-RIRS, (1-VCIBR	PEORIA	142/113
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 68092			
PLOT DATE = 10/20/2008		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

SCALE: SHEET NO. OF SHEETS STA. 229+50.00 TO STA. 229+75.00

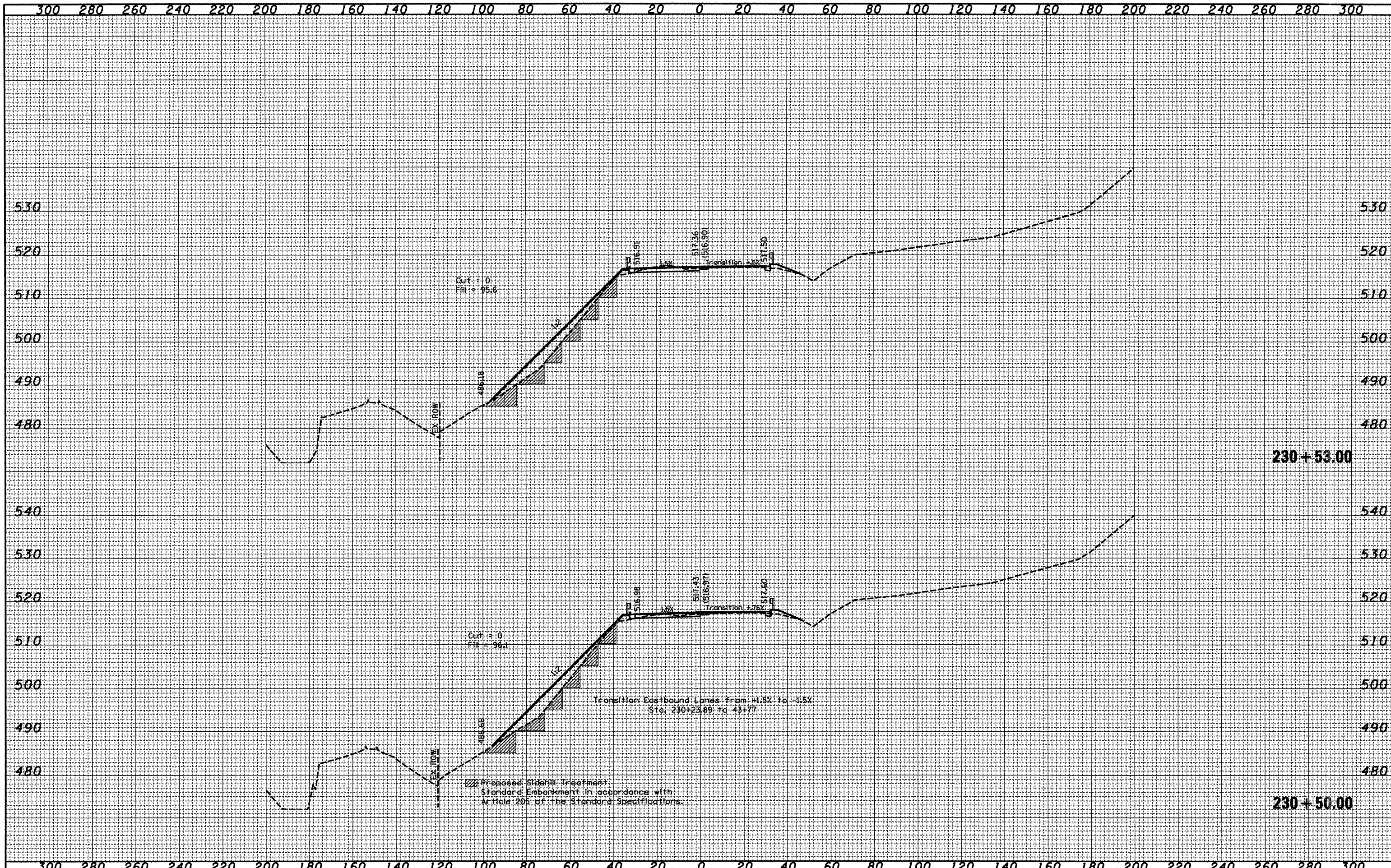
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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



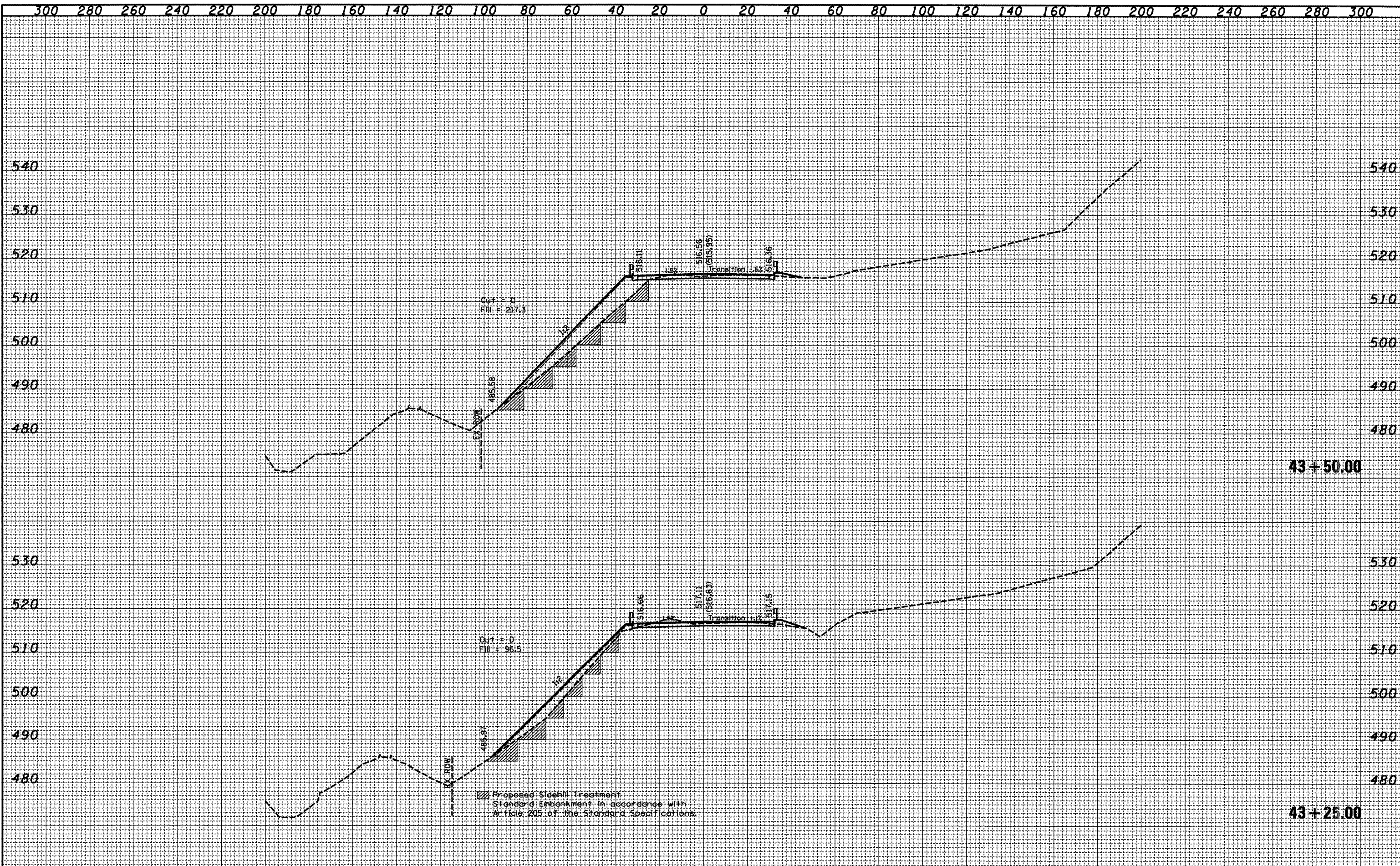
230+53.00

230+50.00

FILE NAME =	USER NAME = averacl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>Cross Sections - Airport Rd (Transition)</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pro\joc\ta\har\hwy\shoeta.dgn		DRAWN -	REVISED -			6578	(1-RIRS, (1-VCIBR	PEORIA	142	115
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 68092				
PLOT DATE = 10/28/2008		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA. 230+50.00 TO STA. 230+53.00

BY	DATE

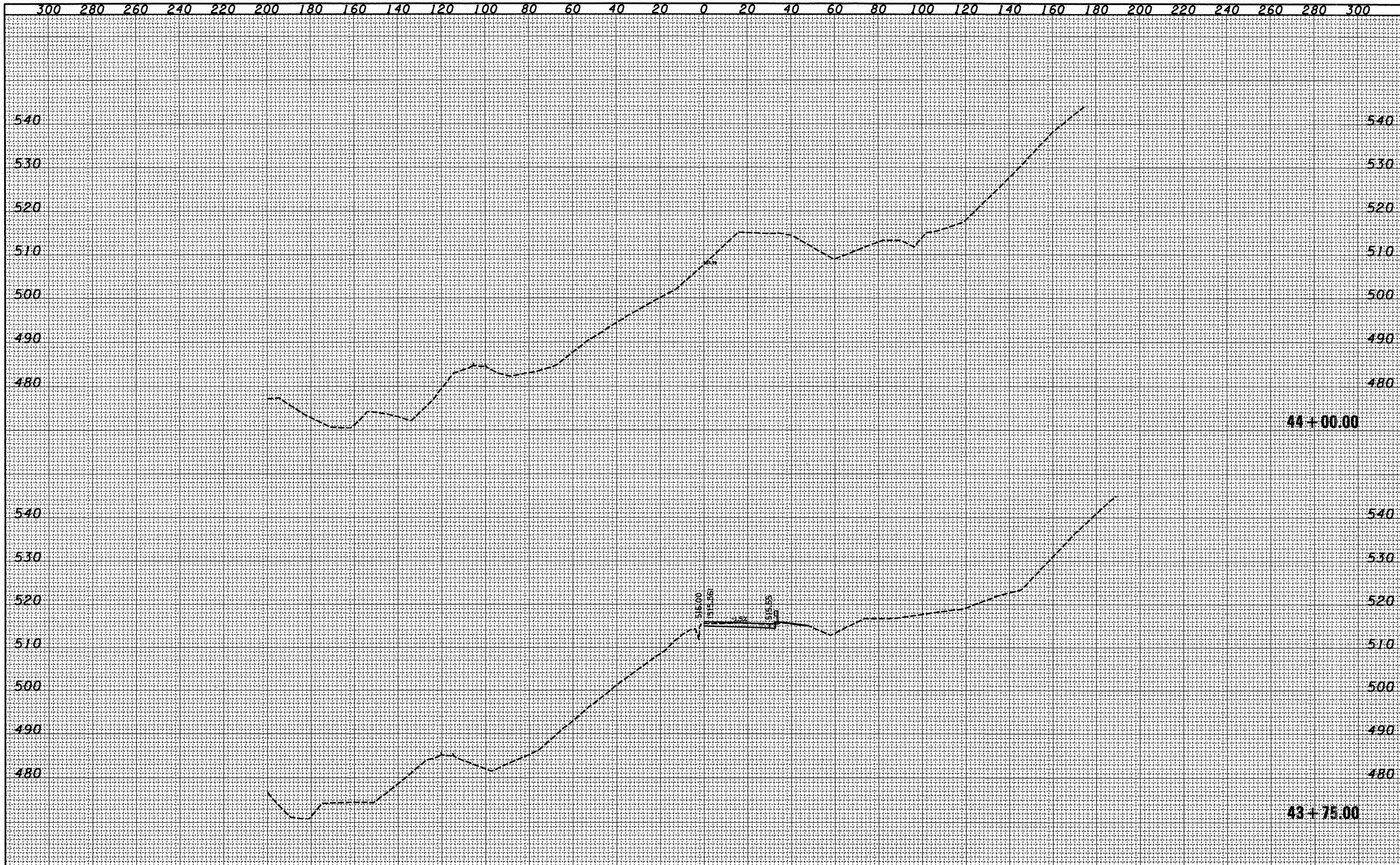
BY	DATE





BY	DATE

BY	DATE



FILE NAME = c:\projects\hwy\sheet.dgn  
 USER NAME = everac1  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED -	REVISIONS
DRAWN -	REVISIONS
CHECKED -	REVISIONS
DATE -	REVISIONS

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

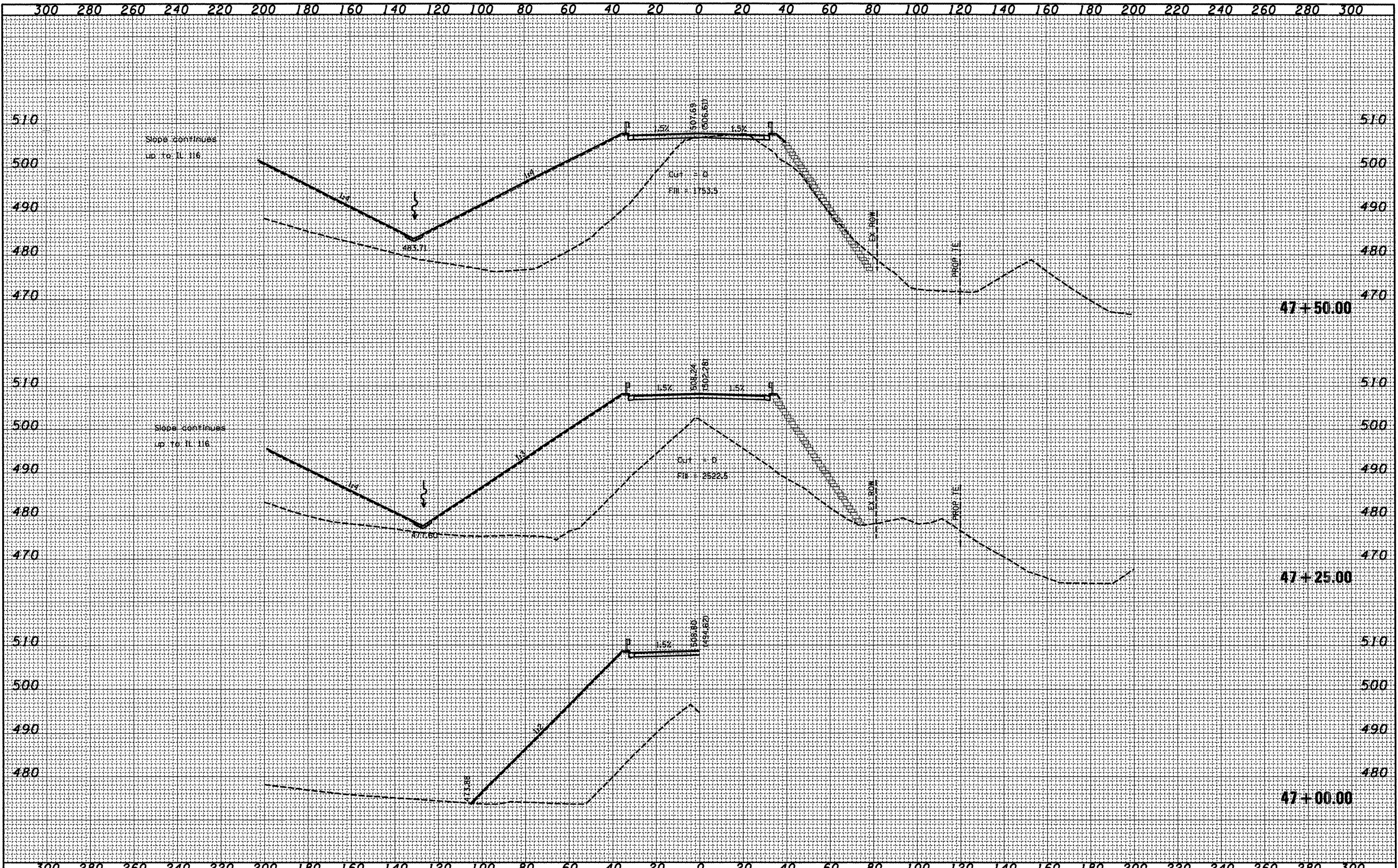
**Cross Sections - Airport Rd (Transition)**

SCALE: SHEET NO. OF SHEETS STA. 43+75.00 TO STA. 44+00.00

F.A.U. RTE. 6578	SECTION (I-RIRS, (I-VCIBR)	COUNTY PEORIA	TOTAL SHEETS 142	SHEET NO. 117
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 68092				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED
	AREAS
	DESIGNED

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



FILE NAME = c:\projects\harmhwy\vsheets.dgn  
 USER NAME = ever-scl  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

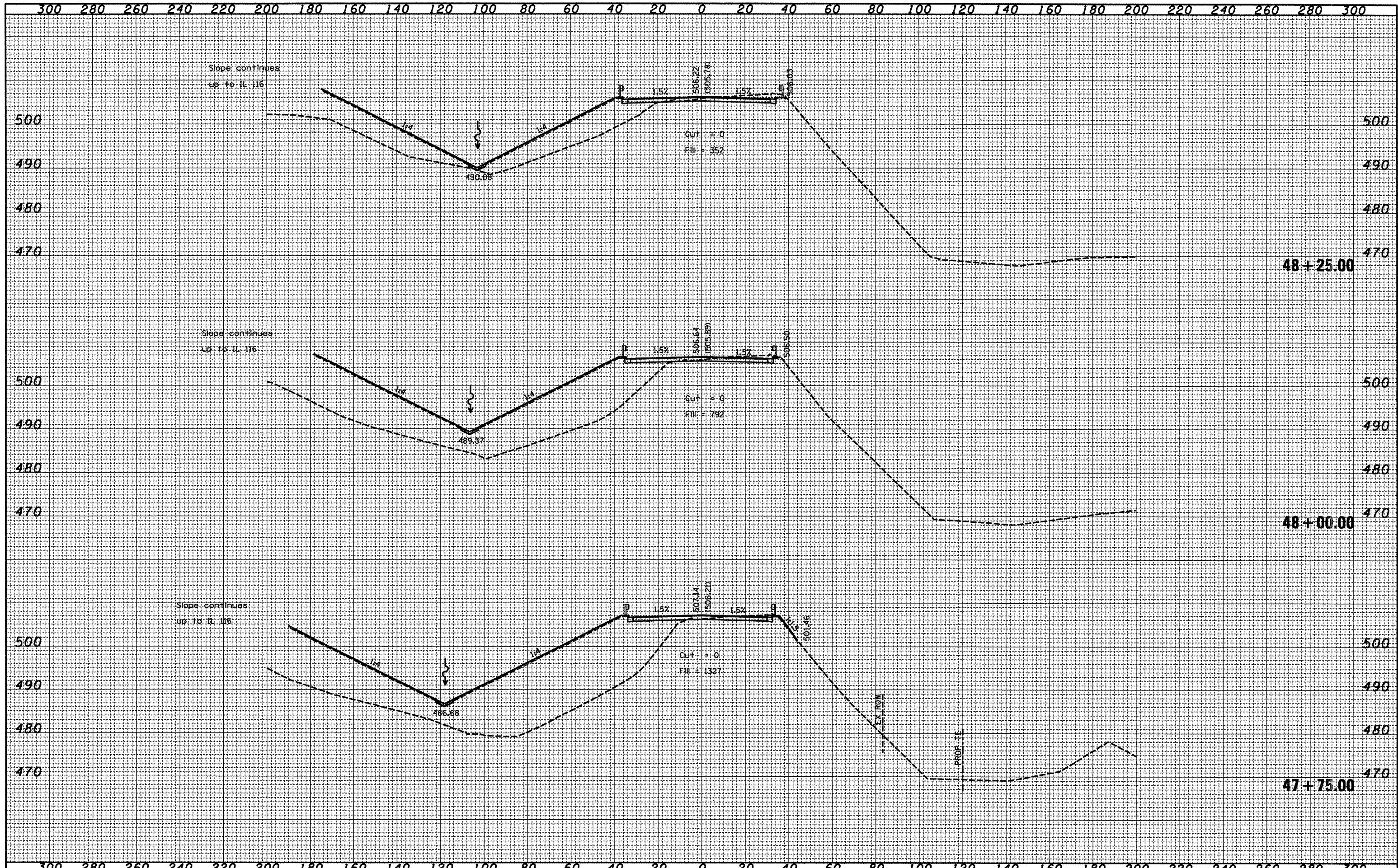
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

Cross Sections - Airport Road  
 SCALE: SHEET NO. OF SHEETS STA. 47+00.00 TO STA. 47+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6758	(1-R),(1-VC)BR	PEORIA	142	118
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			CONTRACT NO. 68092	

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 FINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

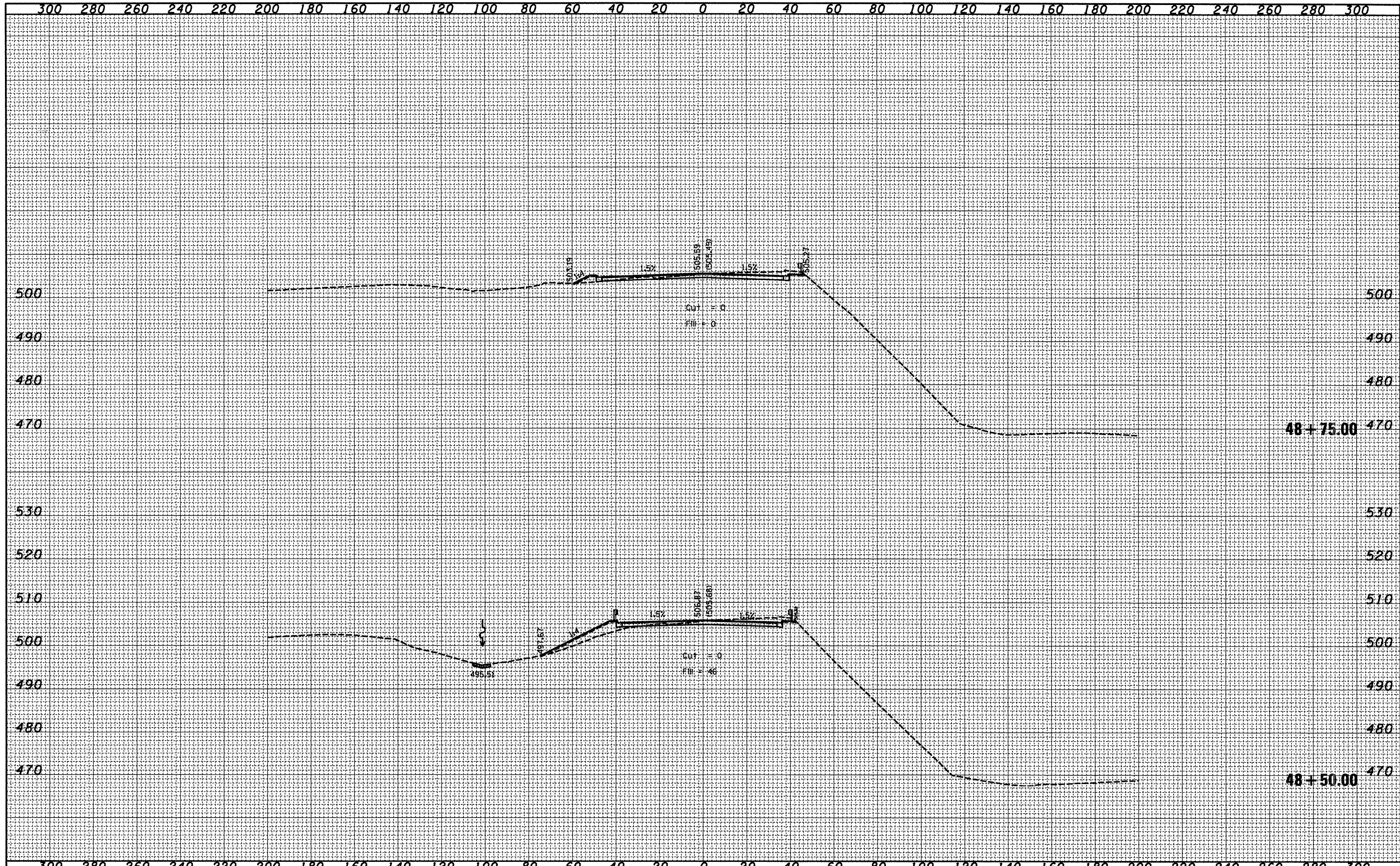
DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



FILE NAME = c:\projects\harmhwy\sheet.dgn	USER NAME = eversal	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>Cross Sections - Airport Road</b> SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. 47+75.00 TO STA. 48+25.00	F.A.U. RTE. 6758	SECTION (1-R),(1-VC)BR	COUNTY PEORIA	TOTAL SHEETS 172	SHEET NO. 119
PLOT SCALE = 48.0000' / IN. PLOT DATE = 10/28/2008						FED. ROAD DIST. NO. _____	[ILLINOIS] FED. AID PROJECT	CONTRACT NO. 68092		

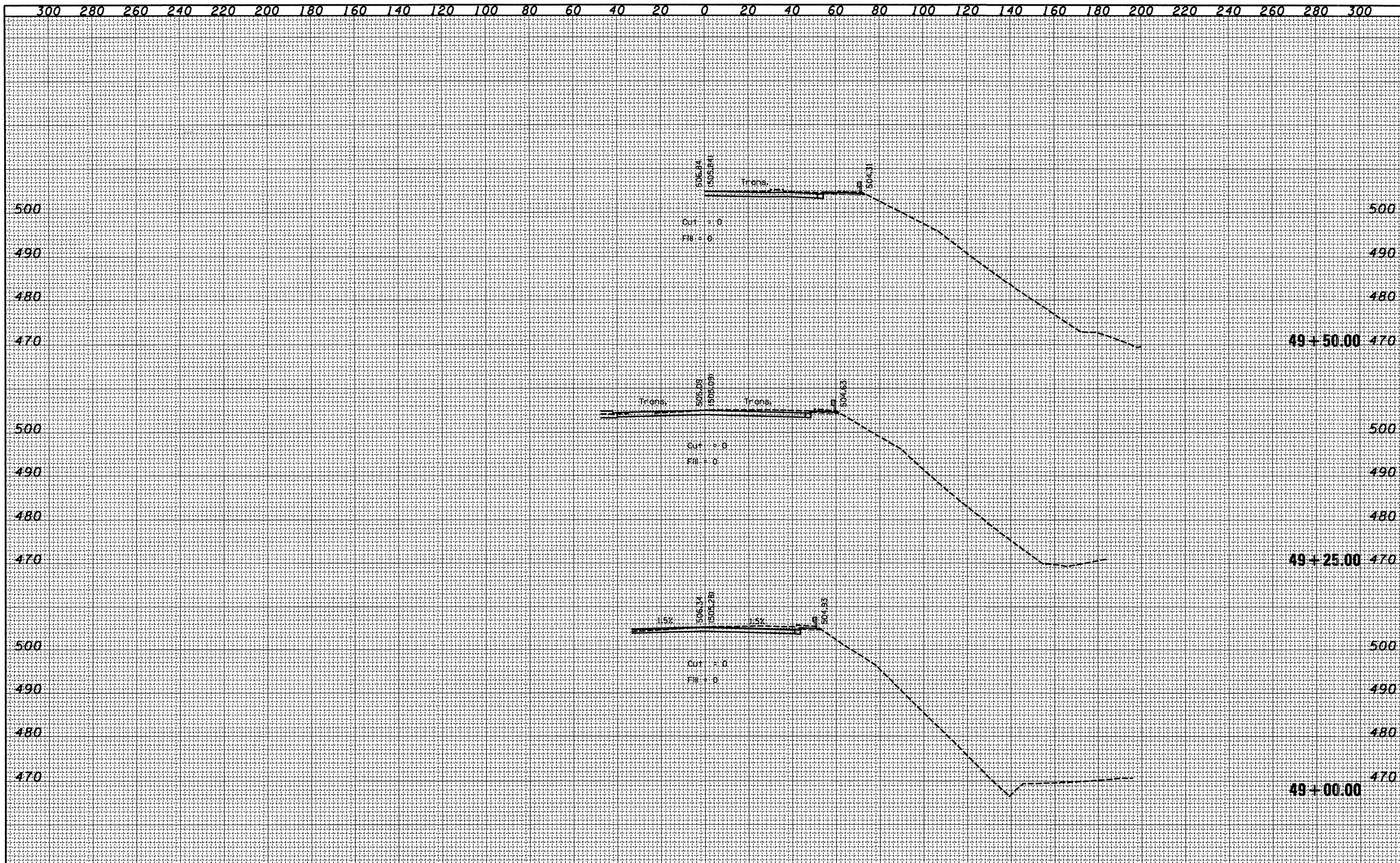
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

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



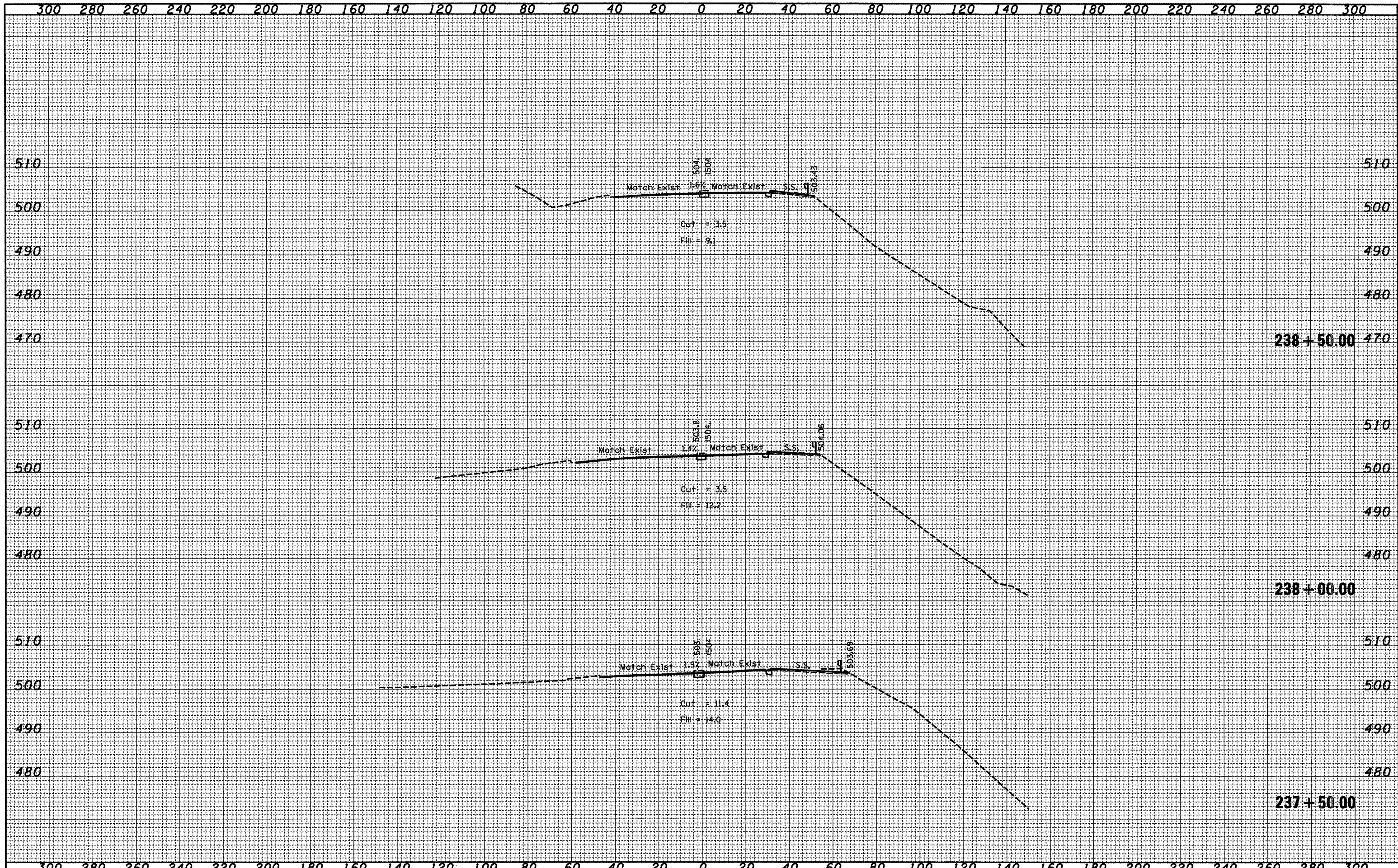
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
AREA CHECKED	TEMPLATE
	AREAS CHECKED

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



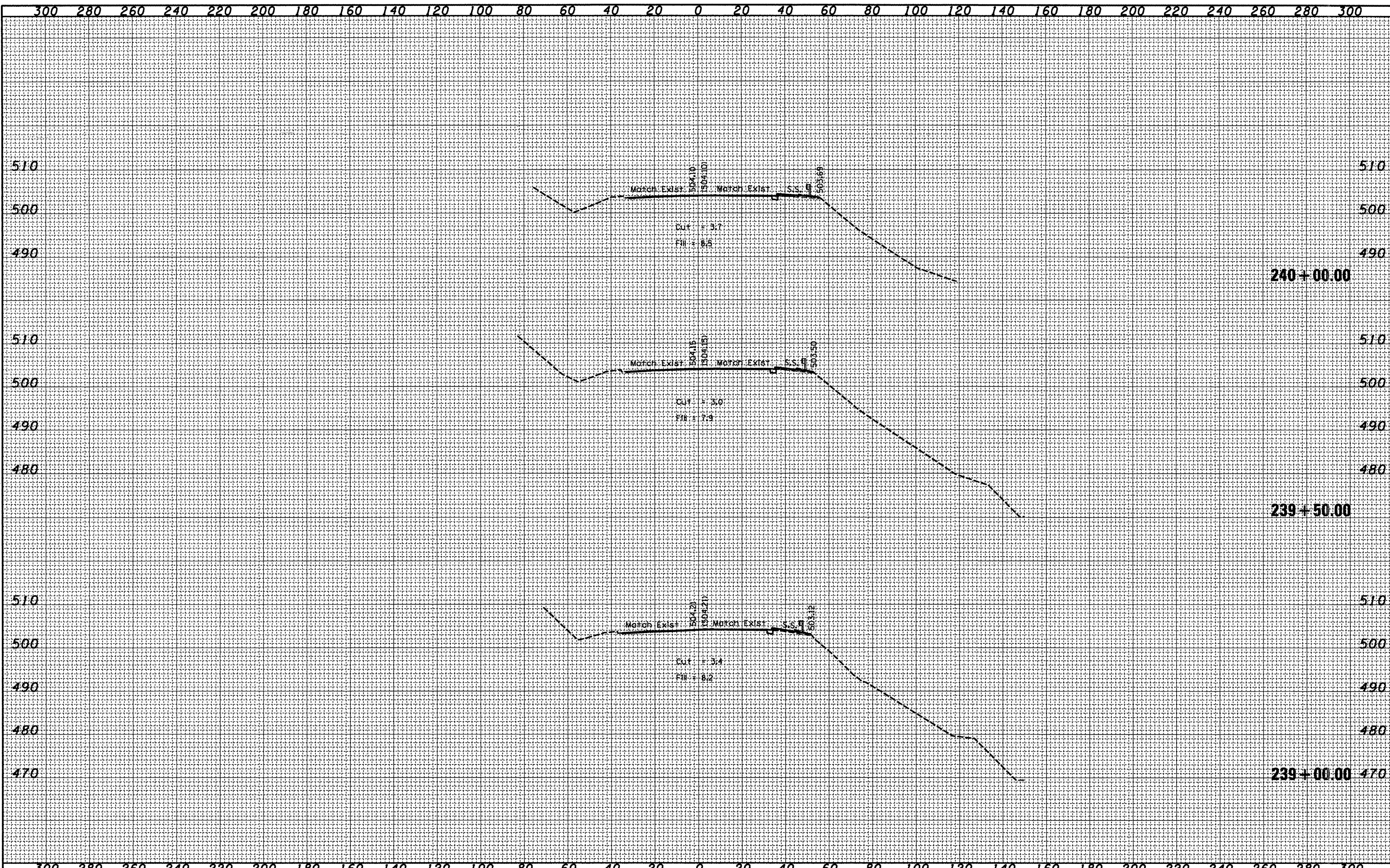
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

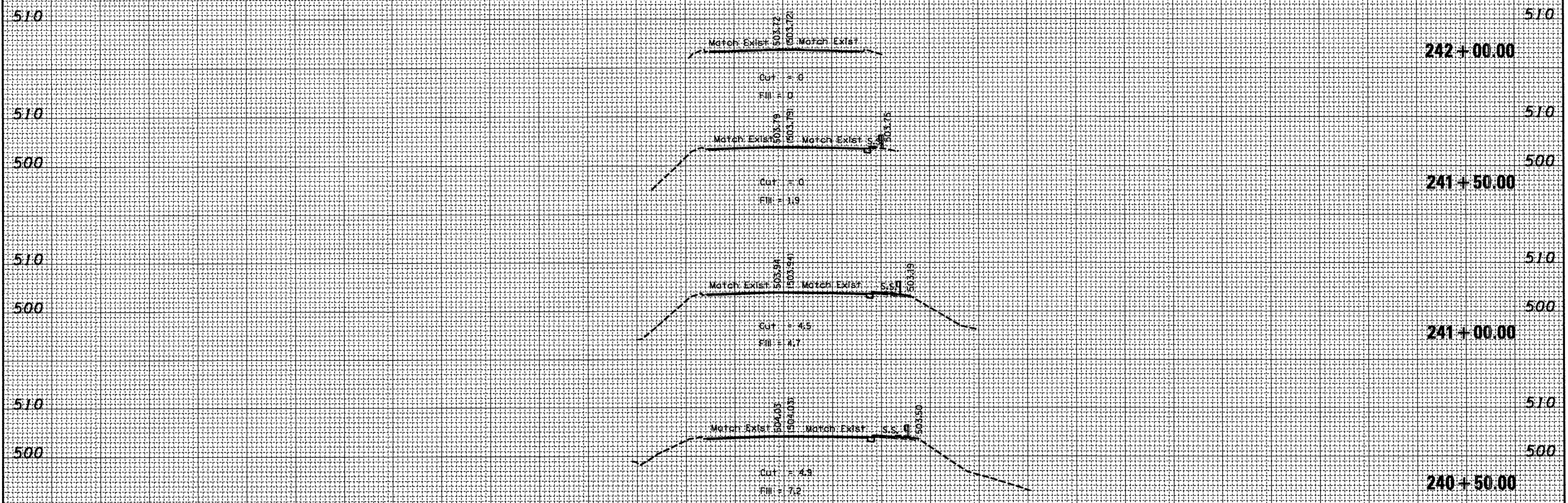
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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



300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

FILE NAME = c:\p\projects\harmhwy\sheet.dgn  
 USER NAME = eversci  
 PLOT SCALE = 48.0000' / IN.  
 PLOT DATE = 10/20/2008

DESIGNED -	REVISIONS
DRAWN -	REVISIONS
CHECKED -	REVISIONS
DATE -	REVISIONS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

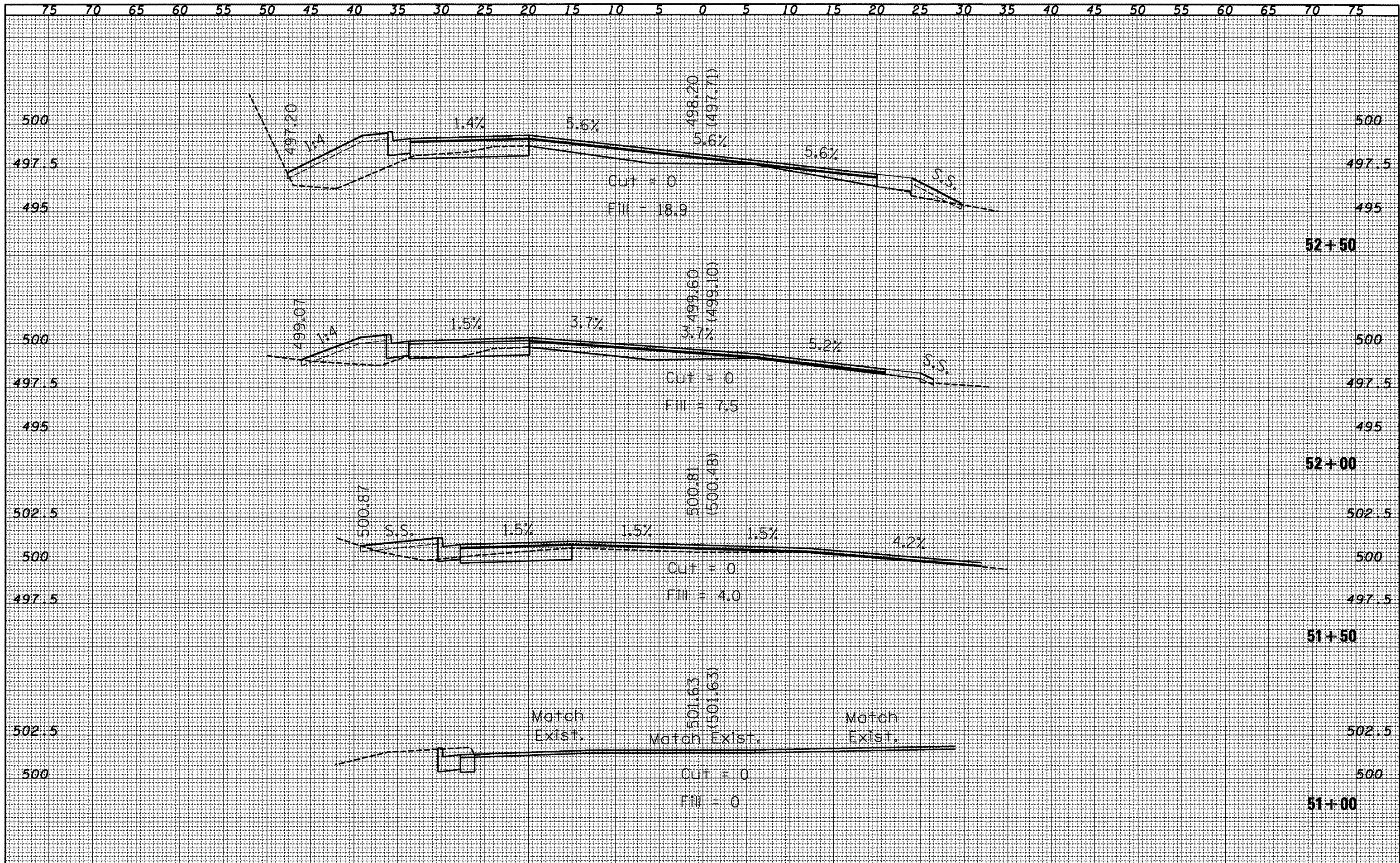
Cross Sections - IL 116  
 SCALE: SHEET NO. OF SHEETS STA. 240+50.00 TO STA. 242+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
6758	(1-R),(1-VC)BR	PEORIA	192/124
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT
			CONTRACT NO. 68092



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMP. PLATE		
	AS		
	ANS. CHECKED		

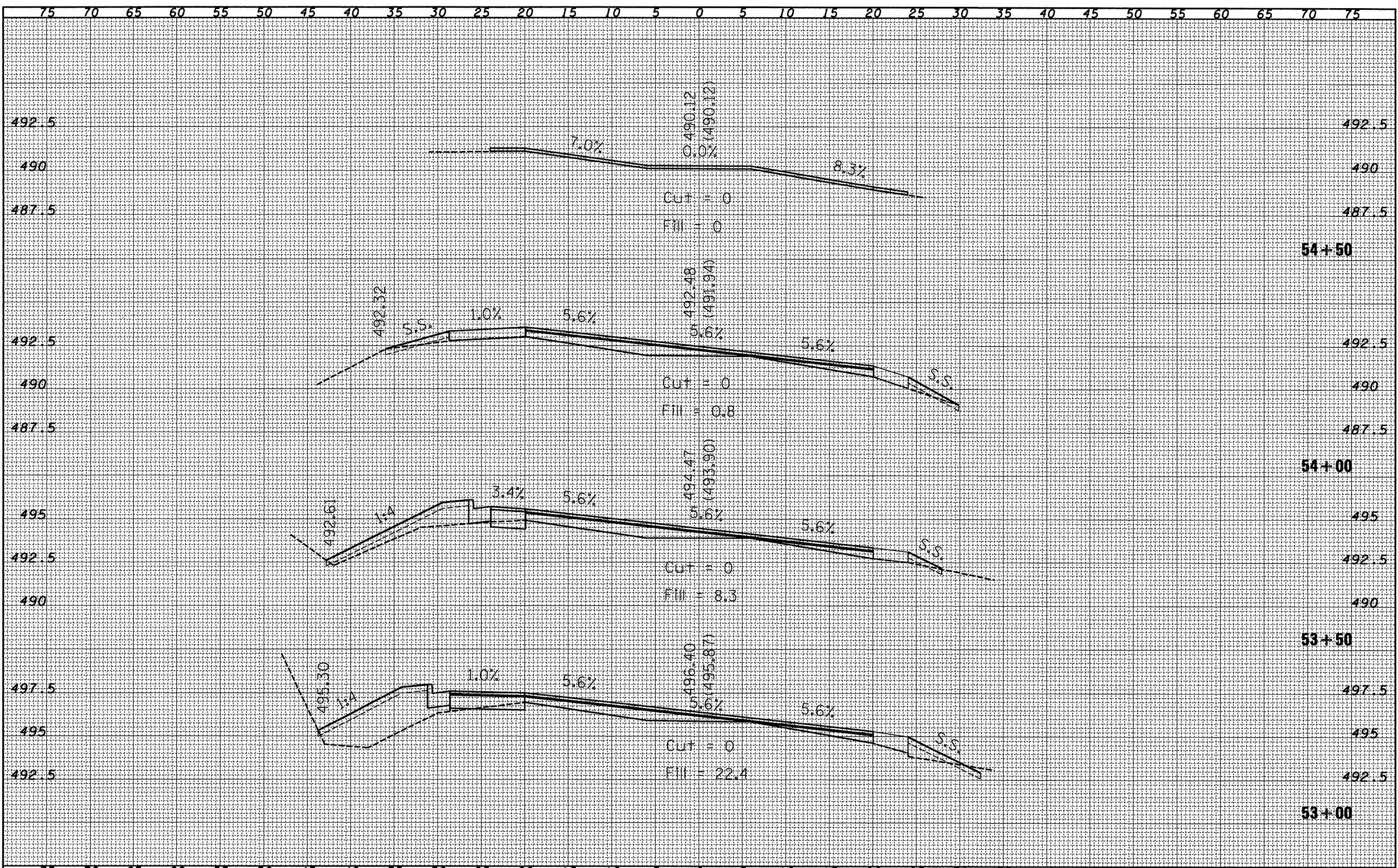
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMP. PLATE		
	AS		
	ANS. CHECKED		



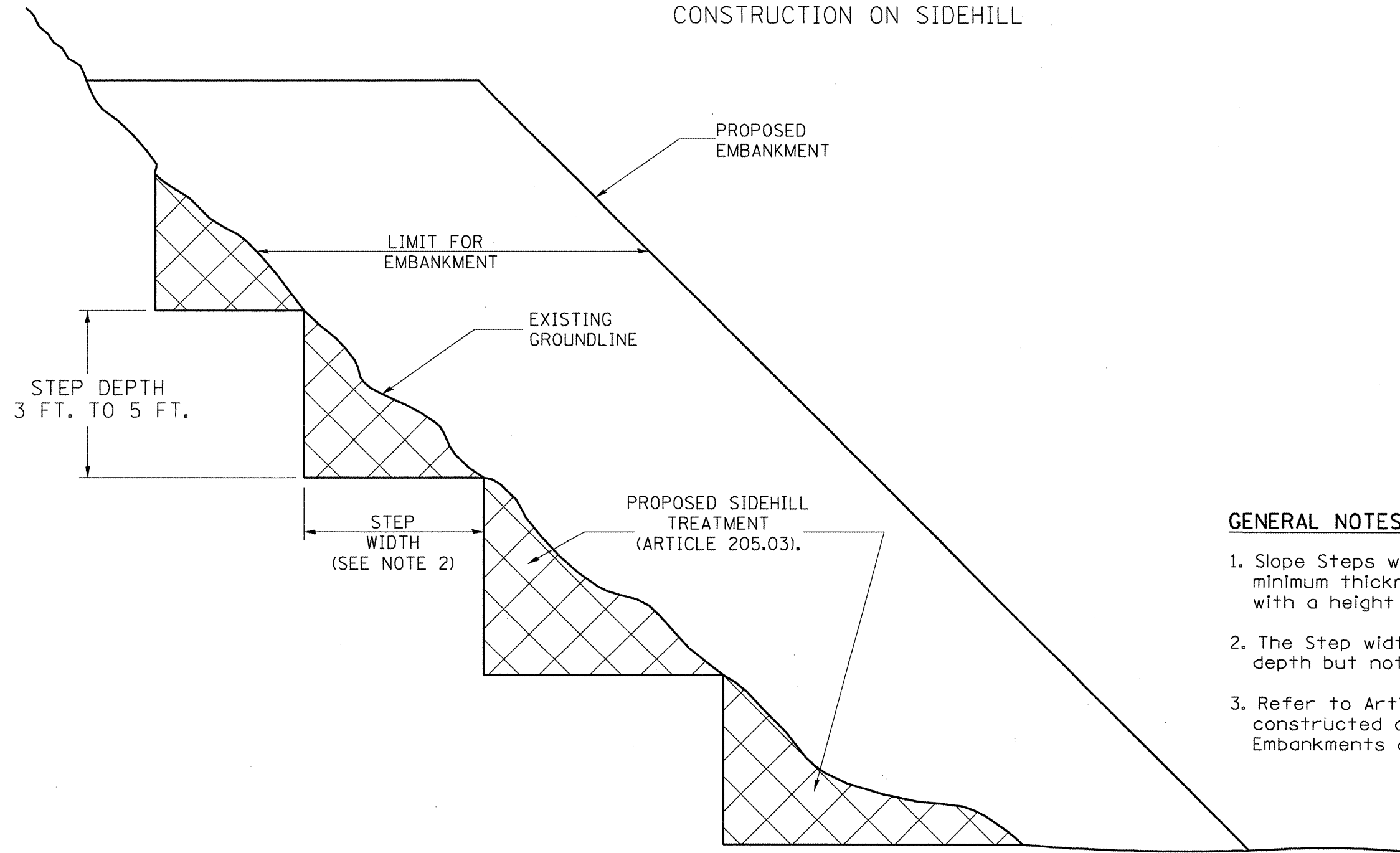
FILE NAME = c:\projects\h-mhwj\ssheets.dgn	USER NAME = eversal	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>Cross Sections - Kickapoo Cr. Rd. Spur</b>	F.A.U. RTE. 6758	SECTION (1-R),(1-VC)BR	COUNTY PEORIA	TOTAL SHEETS 192	SHEET NO. 125	
PLOT SCALE = 10.0000' / IN.	DESIGNED -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA. 51+00	TO STA. 53+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = 10/28/2008	CHECKED -	REVISED -								
	DATE -	REVISED -								

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



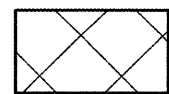
**SLOPE STEPS DETAIL**  
 TYPICAL CROSS-SECTION EMBANKMENT  
 CONSTRUCTION ON SIDEHILL



**GENERAL NOTES:**

1. Slope Steps will be required for all 12(300) minimum thickness "silver fills" and on a fills with a height of 10'(3.0m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

**REPLACEMENT MATERIAL:**



STANDARD EMBANKMENT  
 (IN ACCORDANCE WITH  
 205 OF THE STANDARD SPECIFICATION).

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

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE BOX, REVISED GENERAL NOTES.	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

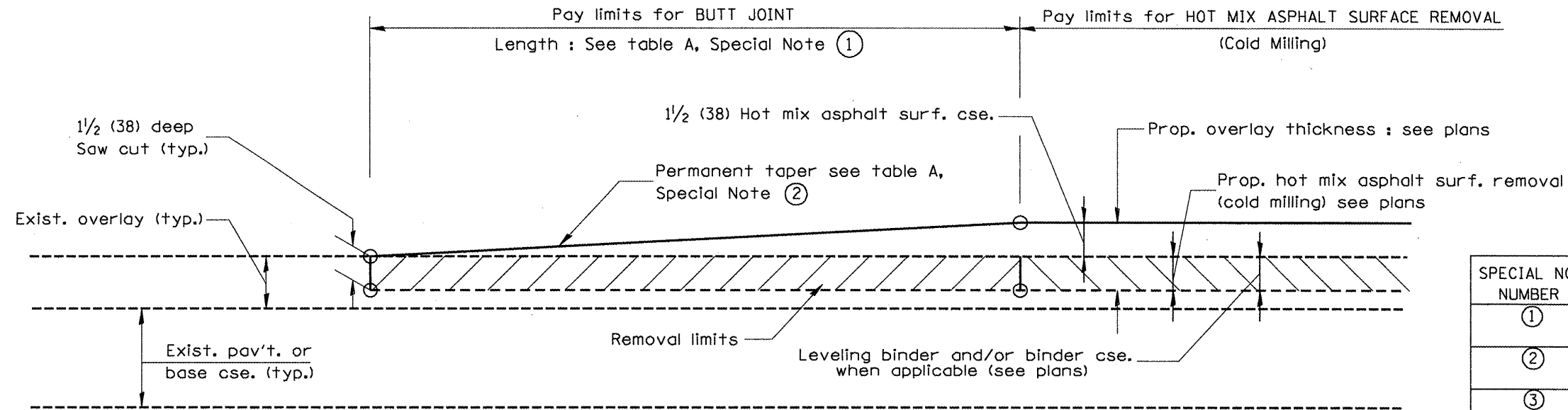
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SLOPE STEPS DETAIL**

NOT TO SCALE

CADD STD. 205001-D4

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-R/R, 1-V/C)BR	PEORIA	142	127
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092	



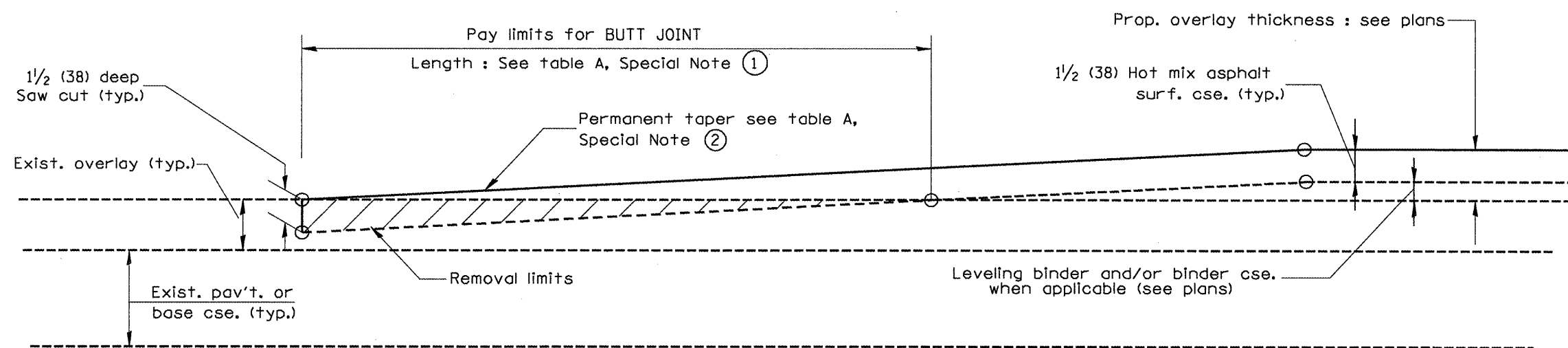
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A**  
(LENGTHS AND TAPER RATES)

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

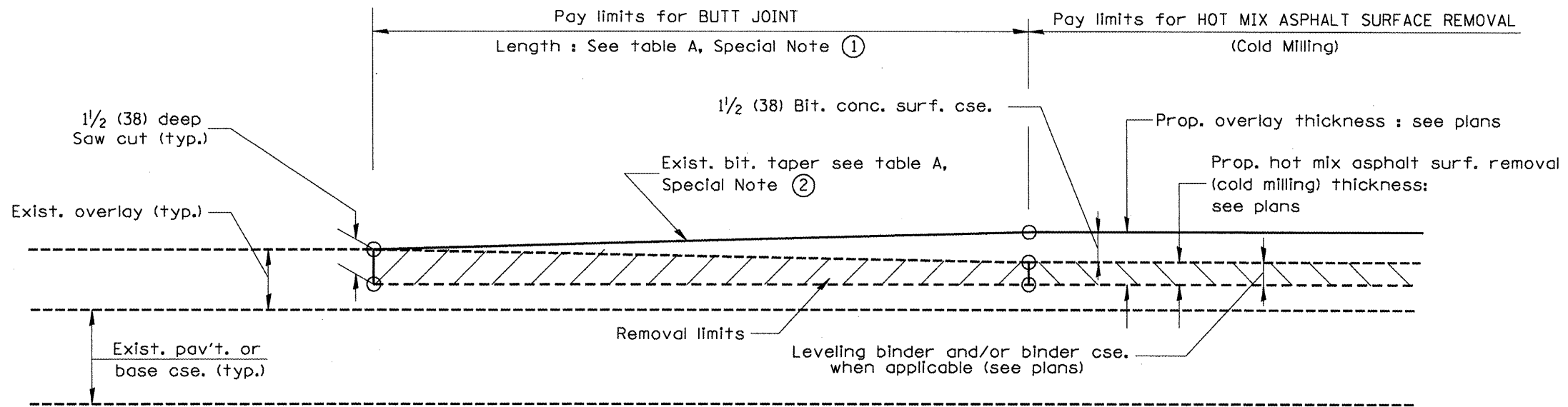
**GENERAL NOTES**

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

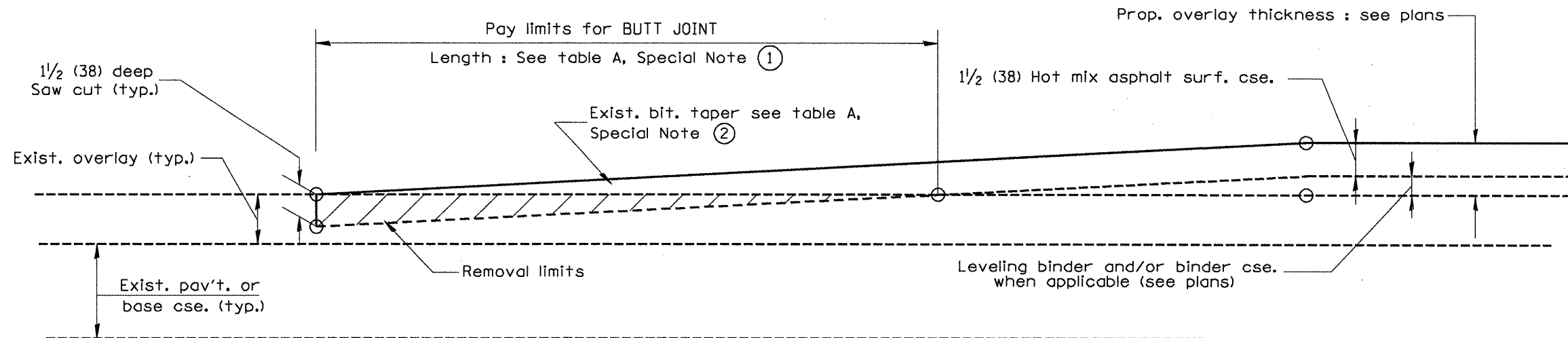


**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

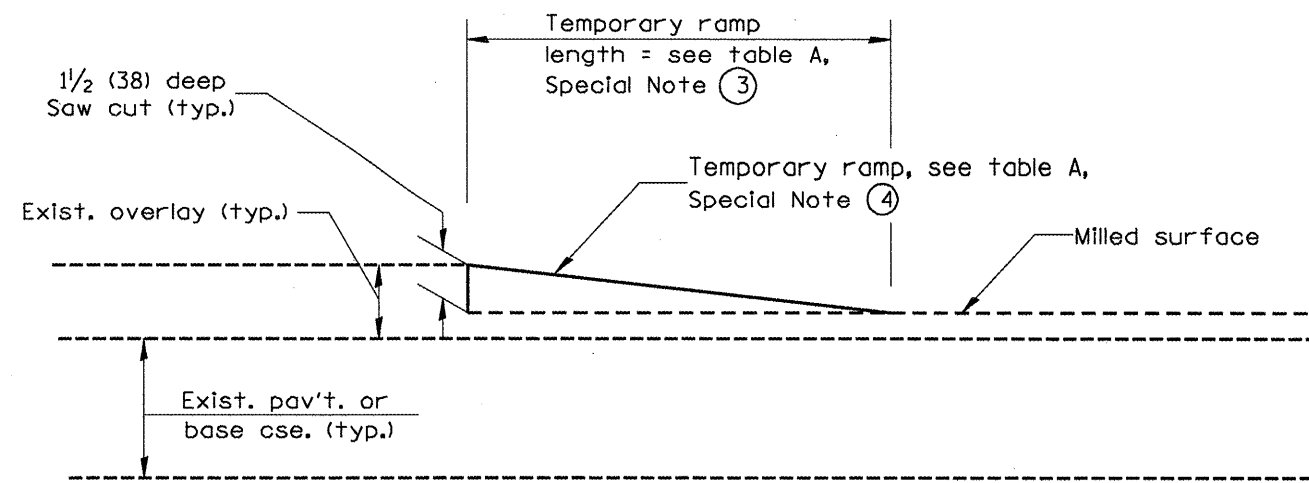
All dimensions are in inches (millimeters) unless otherwise noted.



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



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

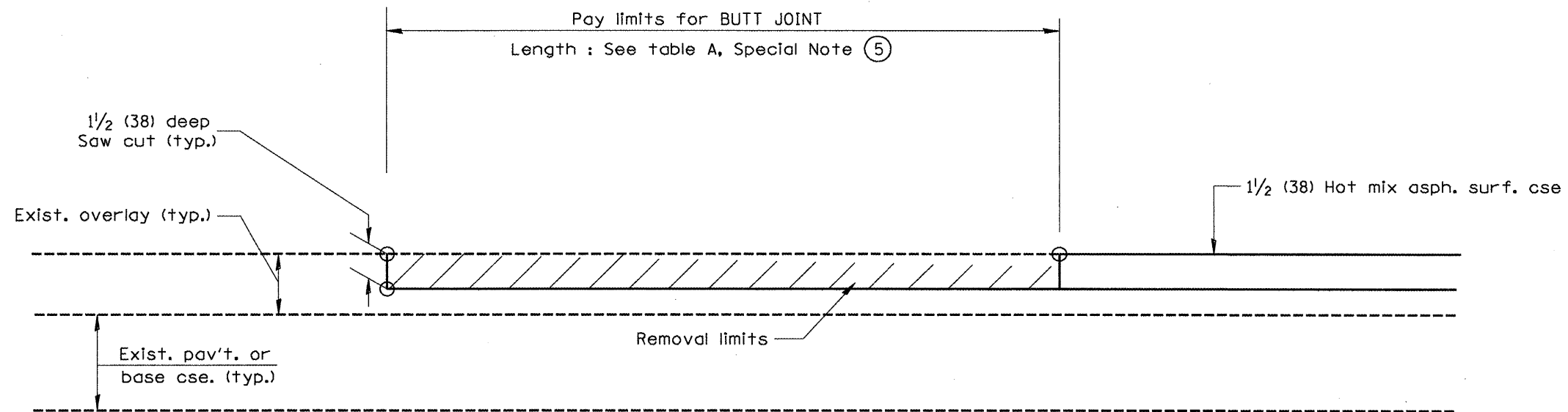


**DETAIL TEMPORARY RAMP**

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

				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>BUTT JOINTS</b>		SHT. 2 OF 3 CADD STD. 406101-04		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS							
6578	(1)-RIRS, (1)-VCIBR	PEORIA	142/129							
			CONTRACT NO. 68092							
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT								

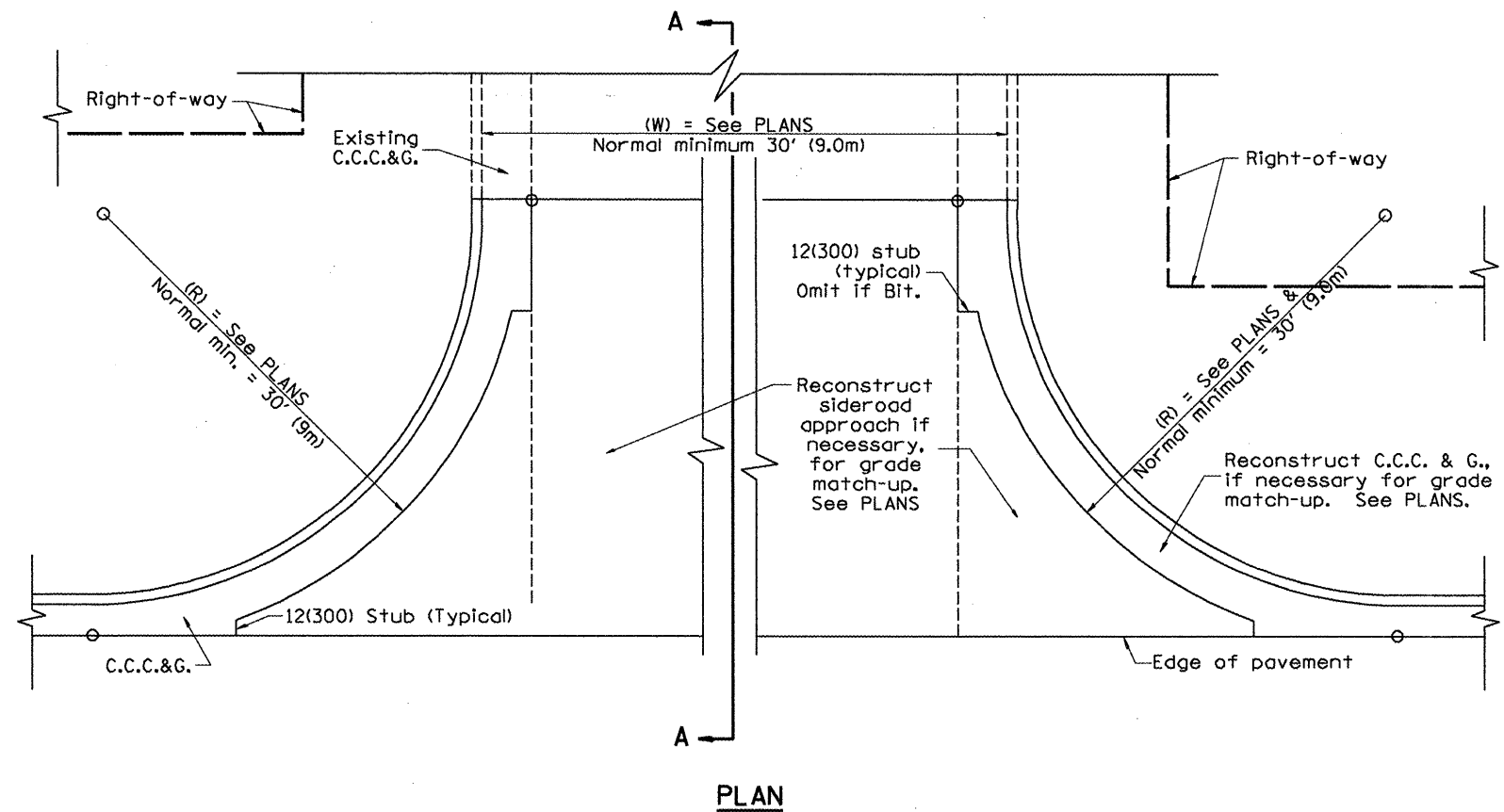
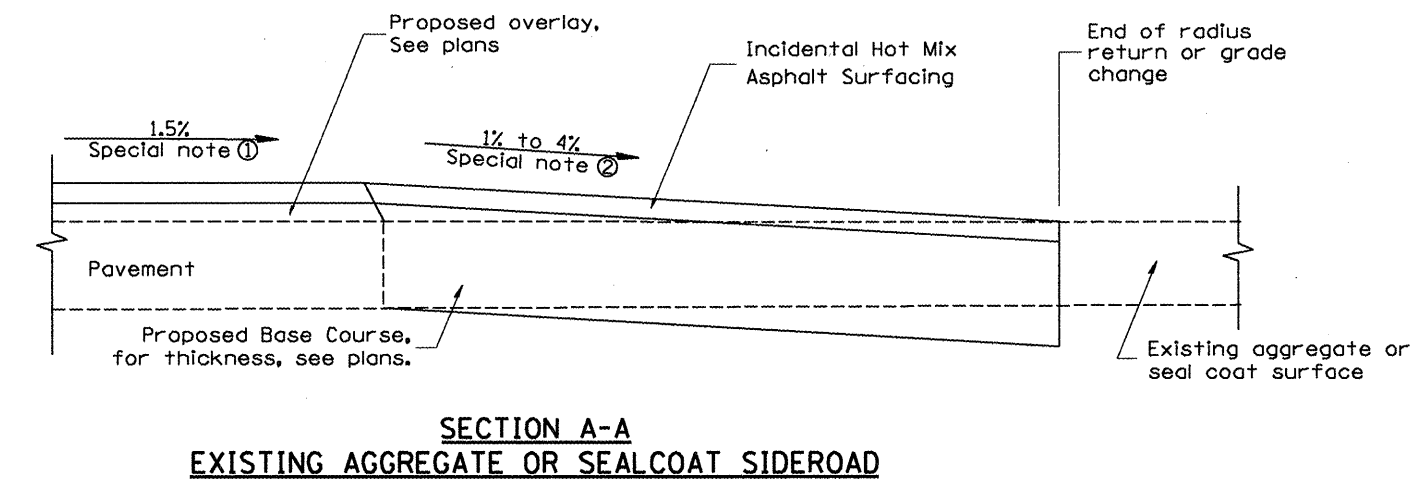
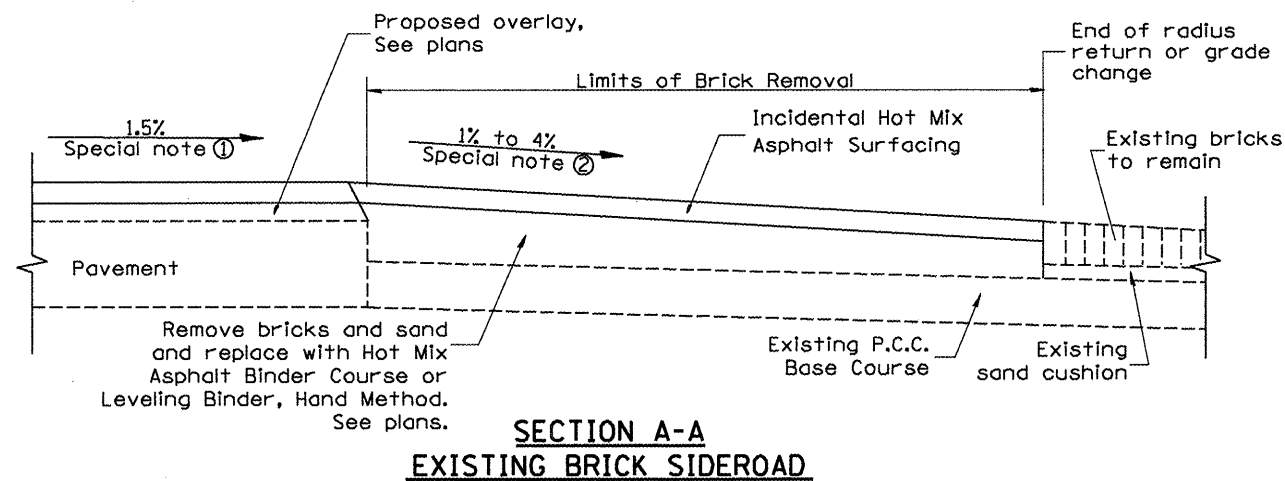
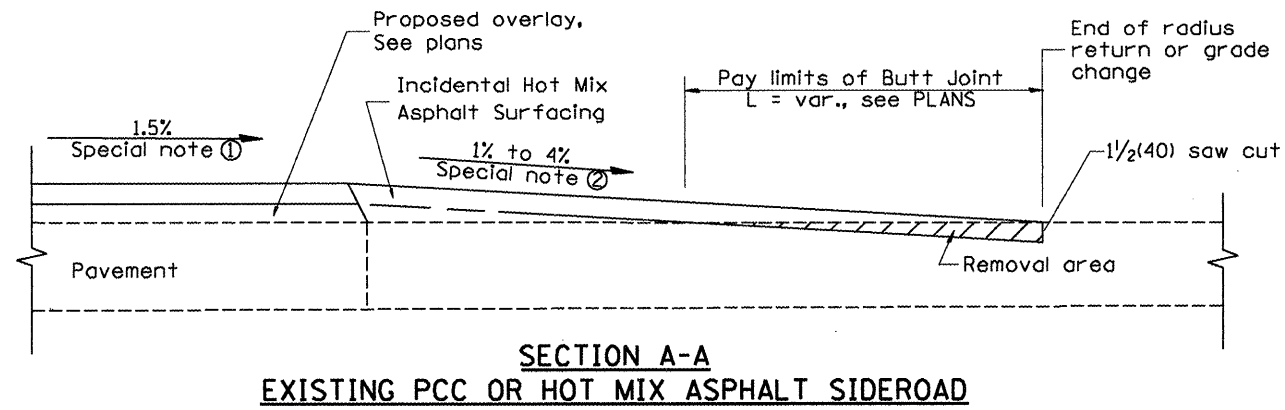
NOT TO SCALE



**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.

				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>BUTT JOINTS</b>		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.U. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>6578</td> <td>(1-RIRS, (1-VCIBR</td> <td>PEORIA</td> <td>142</td> <td>130</td> </tr> <tr> <td colspan="3"></td> <td colspan="2" style="text-align: center;">CONTRACT NO. 68092</td> </tr> <tr> <td colspan="2">FED. ROAD DIST. NO.</td> <td colspan="3">ILLINOIS FED. AID PROJECT</td> </tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	6578	(1-RIRS, (1-VCIBR	PEORIA	142	130				CONTRACT NO. 68092		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																											
6578	(1-RIRS, (1-VCIBR	PEORIA	142	130																											
			CONTRACT NO. 68092																												
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT																													



**SPECIAL NOTES**

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

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

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

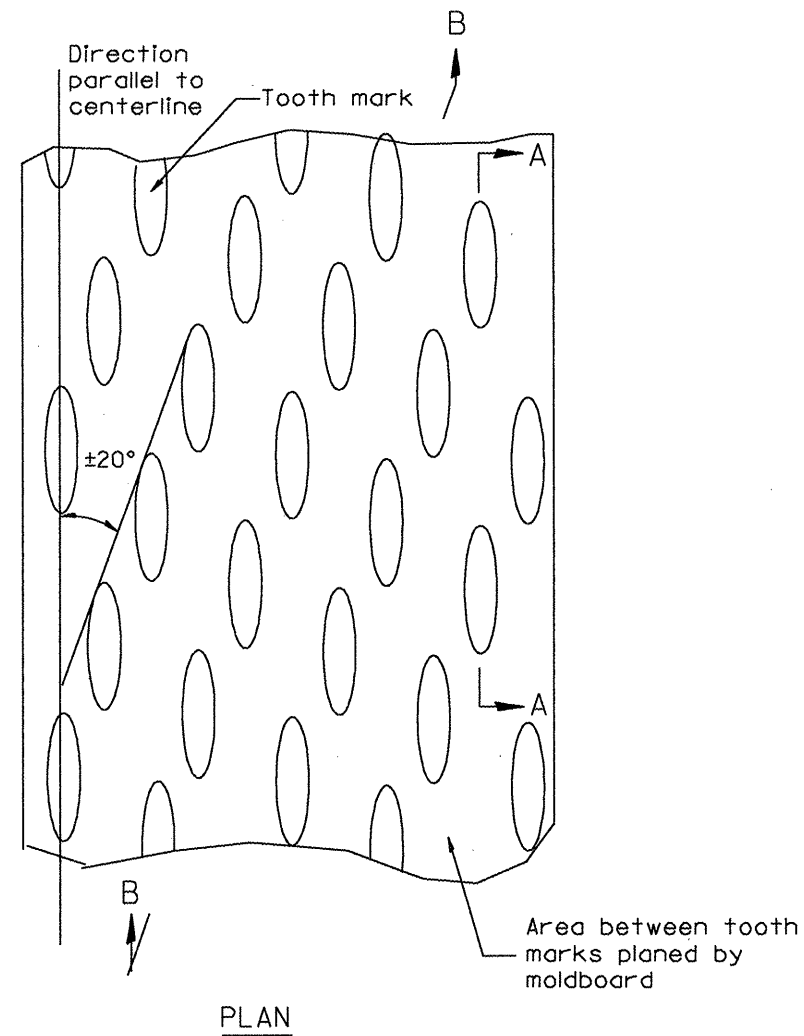
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

URBAN SIDEROADS FOR "3R" PROJECTS

NOT TO SCALE

CADD STD. 406501-D4

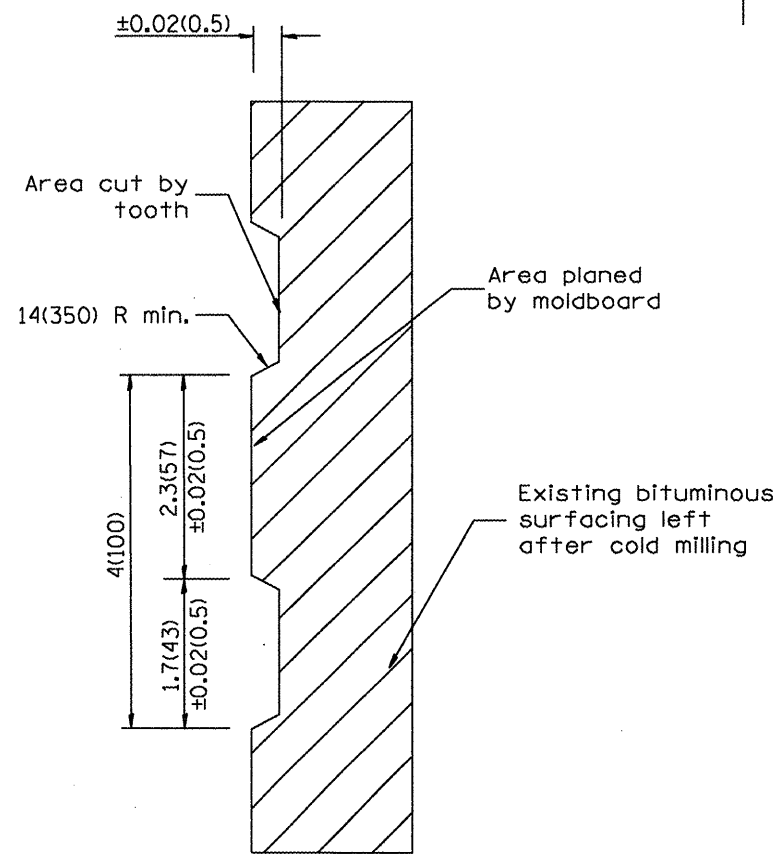
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
6578	(1-RIRS, (1-VC)BR	PEORIA	142/131
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092



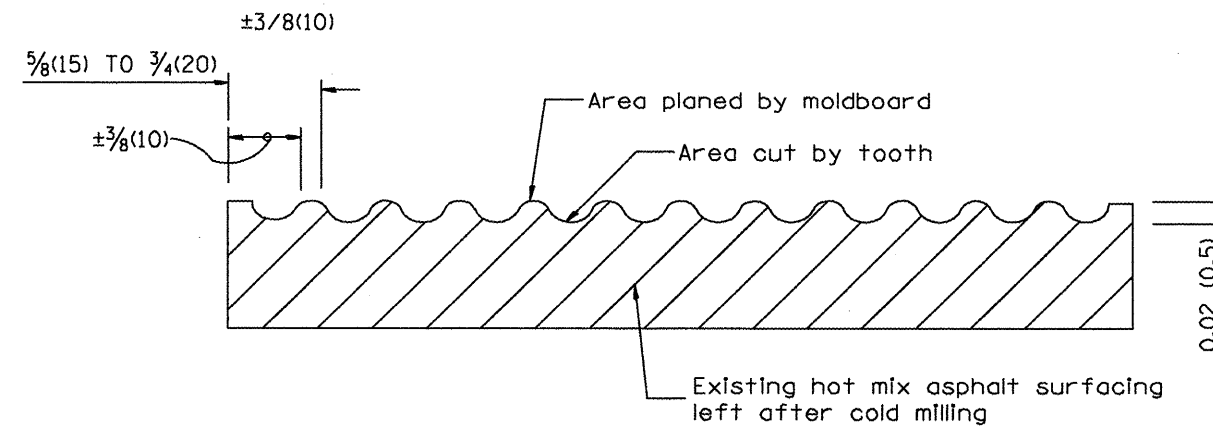
PLAN

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

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

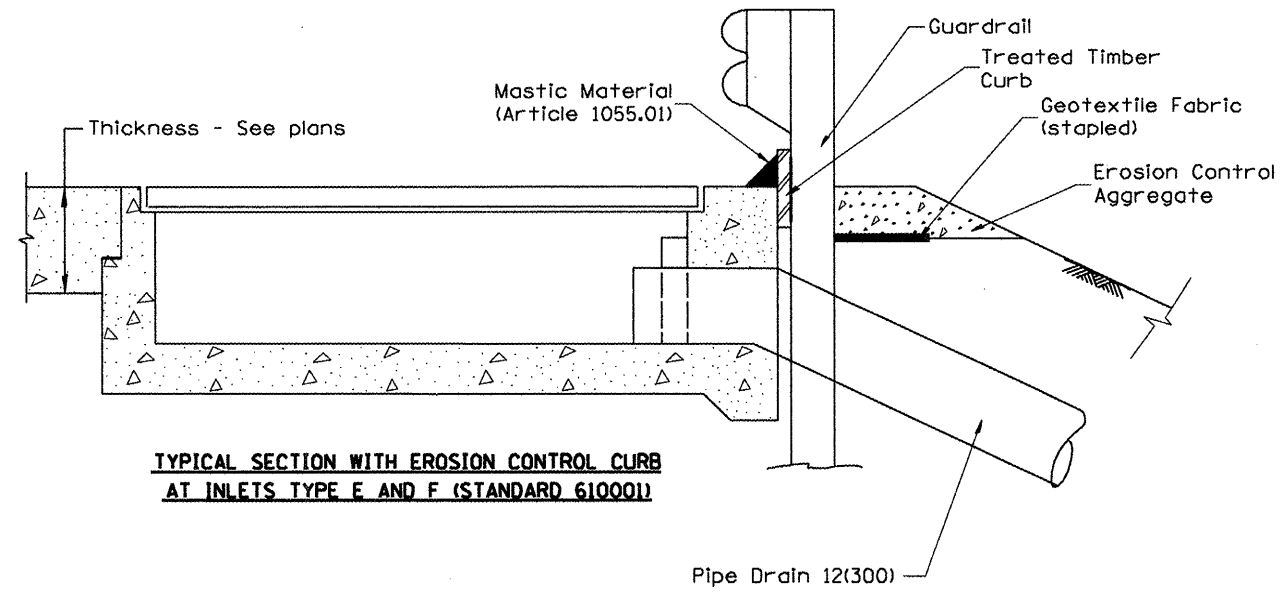
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

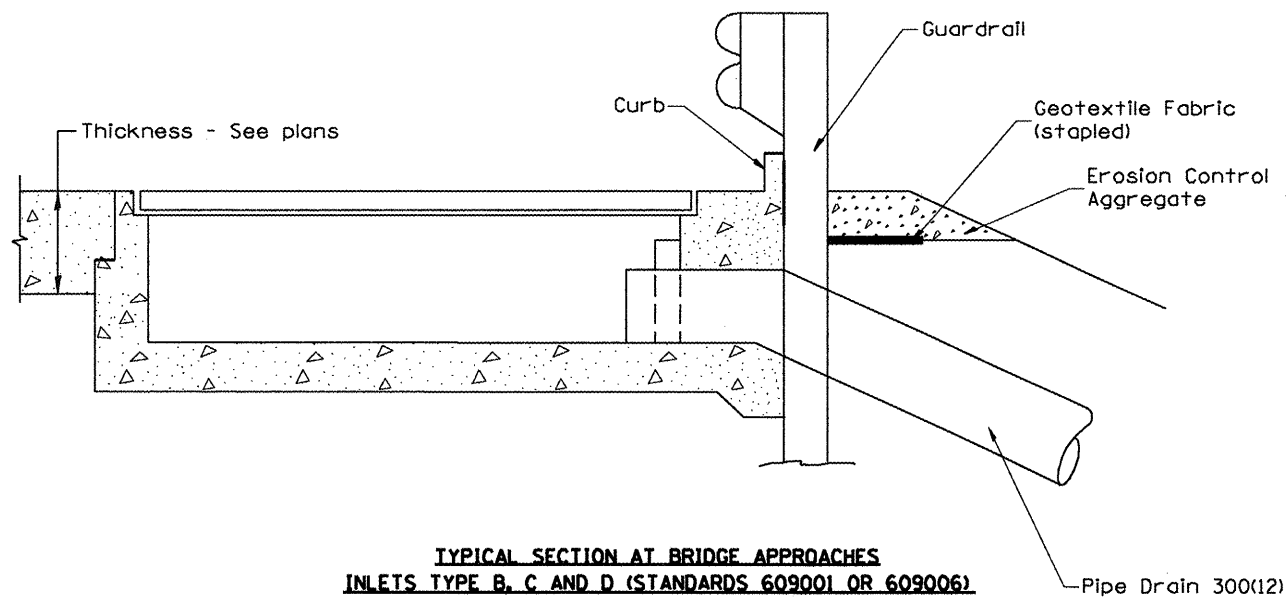
CADD STD. 440001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
6578	(1)-RIRS, (1)-VSBLE	PEORIA	172/132
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092

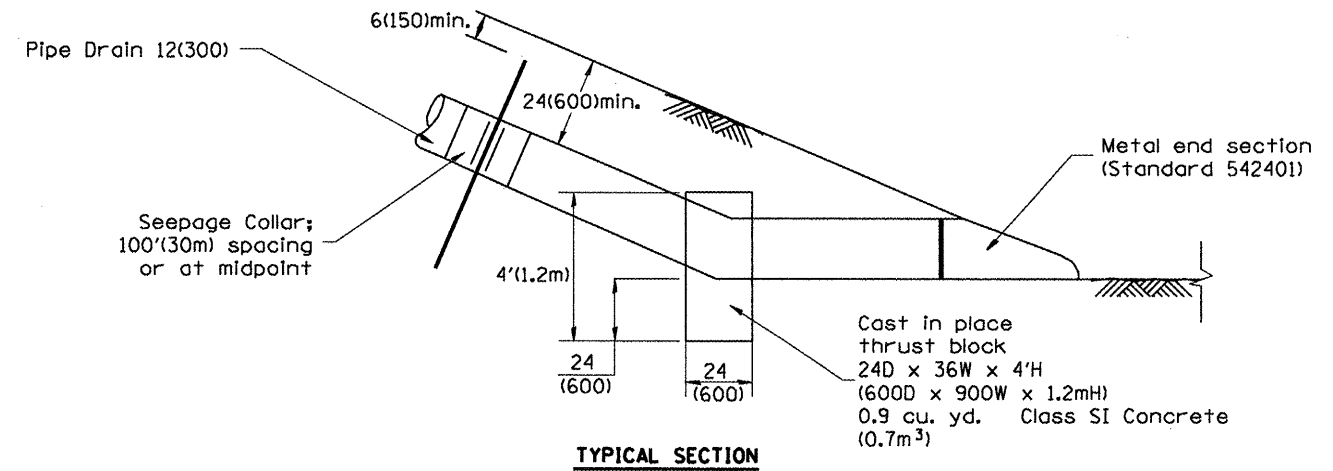




**TYPICAL SECTION WITH EROSION CONTROL CURB  
AT INLETS TYPE E AND F (STANDARD 610001)**



**TYPICAL SECTION AT BRIDGE APPROACHES  
INLETS TYPE B, C AND D (STANDARDS 609001 OR 609006)**



**TYPICAL SECTION**

**GENERAL NOTES**

1. The material for Pipe Drains shall be bituminous coated galvanized corrugated steel culvert pipe or bituminous coated corrugated aluminum alloy pipe in accordance with Article 601.02(f) or 601.02(i).
2. An approved mastic material (Article 1055.01) shall be applied to the inside of the connecting bands.

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

NO.	REVISION	T.P.
01-01-97	RENUM. H-1.04, NEW REVISION BOX, REVISED TITLE BOX, REVISED DESIGNER NOTES, ADDED QUANTITY CALCULATION BOX	
10-16-06	REVISED TO 2007 SPEC.	M.A.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SLOPE DRAIN DETAILS FOR BURIED PIPES**  
NOT TO SCALE  
CADD STD. 601101-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-R)RS, (1-V)IBR	PEORIA	142	133
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092	

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

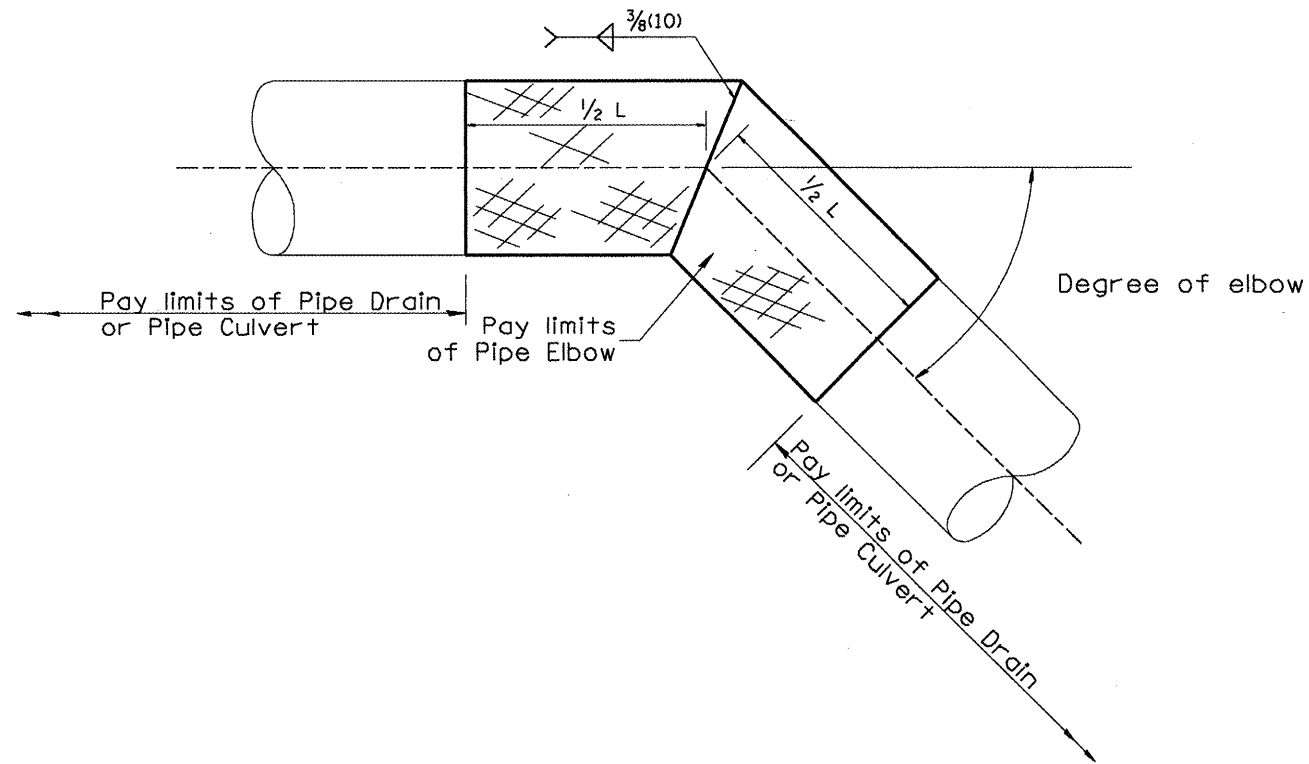
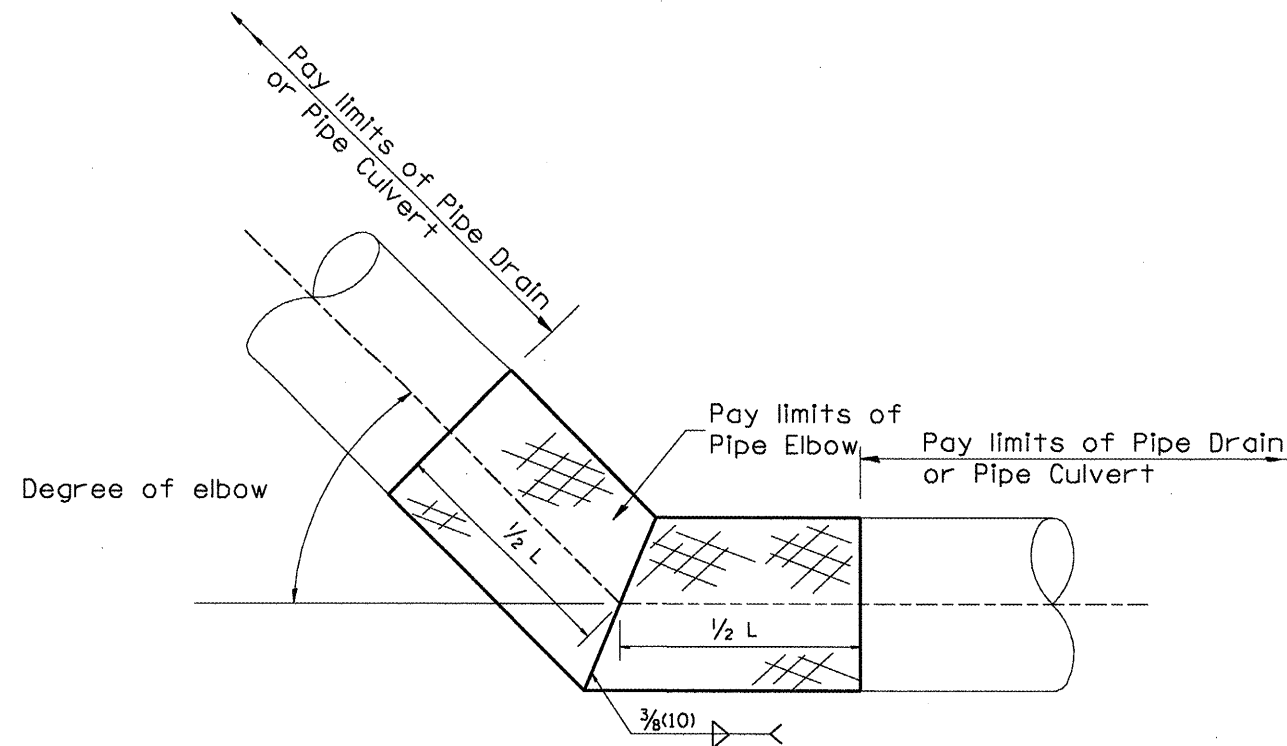


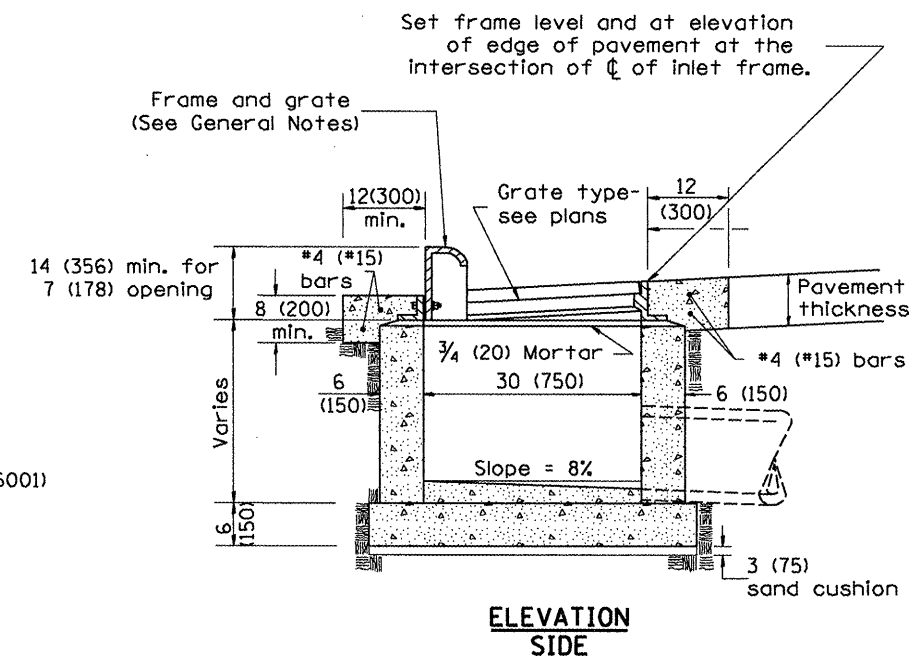
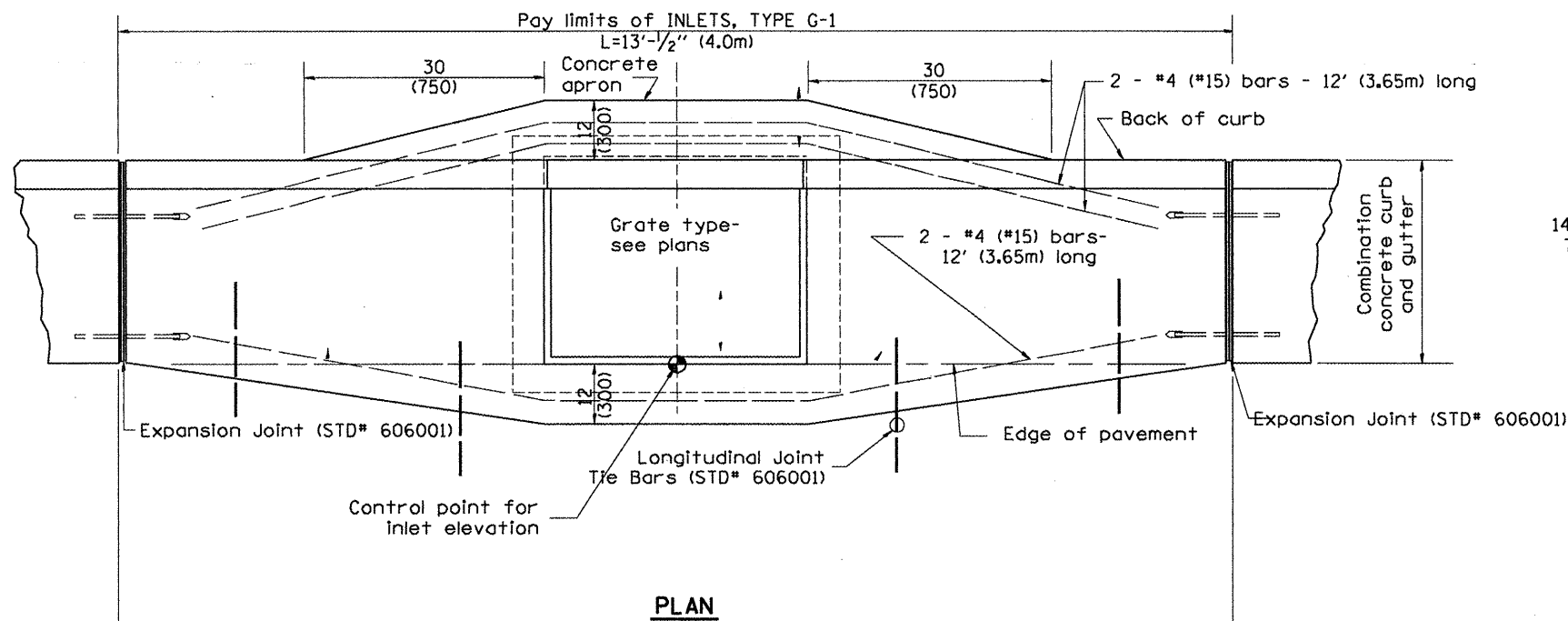
TABLE A		
ELBOW DESIGN CONTROLS		
PIPE DIAMETER	L = Pay limits of Pipe Elbow and minimum length of pipe required for fabrication	
	DEGREE OF ELBOW < 45°	DEGREE OF ELBOW ≥ 46°
12(300)	24(600)	4'(1.22M)
15(375)	24(600)	4'(1.22M)
18(450)	24(600)	4'(1.22M)
21(525)	24(600)	4'(1.22M)
24(600)	4'(1.22M)	4'(1.22M)
30(750)	4'(1.22M)	6'(1.83M)
36(900)	4'(1.22M)	6'(1.83M)

TABLE B	
ELBOW DESIGN CONTROLS	
EARTH SLOPE (V:H)	DEGREE OF ELBOW •
1:6	9°
1:4	14°
1:3	18°
1:2	26°
1:1 1/2	33°

• Approximate - based upon 0.5% inlet and outlet flowlines.

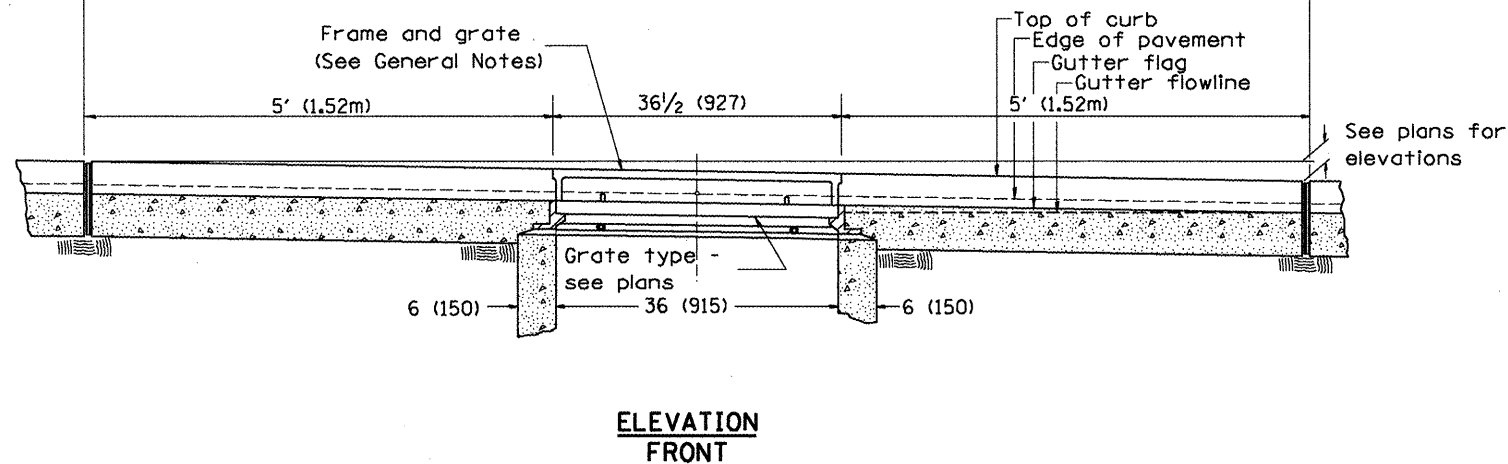


All dimensions are in inches (millimeters) unless otherwise noted.



**GENERAL NOTES**

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



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

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1

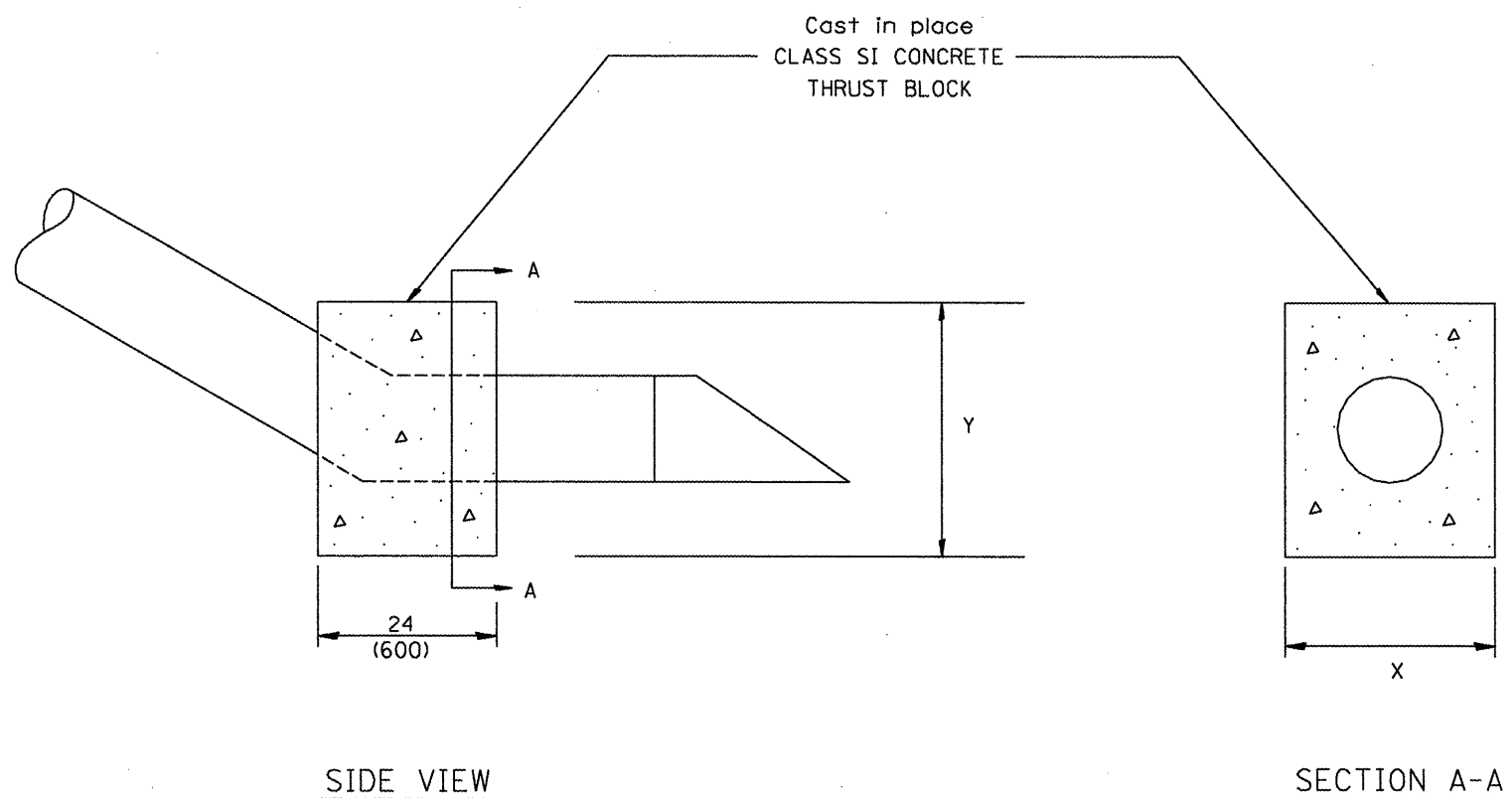
NOT TO SCALE

CADD STD. 602001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-RIRS, (1-VCIBR	PEORIA	192	135
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092	

## CONCRETE THRUST BLOCK BILL OF MATERIALS

PIPE SIZE	X	Y	CLASS SI CONCRETE cu. yd. (m <sup>3</sup> )
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.

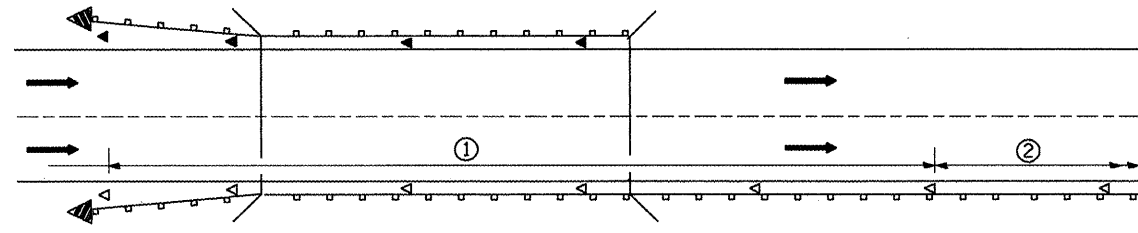
QUANTITIES	
CALC. BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

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

01-01-97	RENUM. J-10.04, NEW REVISION BOX, ADDED QUANTITY	T.P.				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONCRETE THRUST BLOCKS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-16-06	REVISED TO 2007 SPEC.	M.A.						6578	(1-RIRS, (1-VC)BR	PEORIA	142	136
CONTRACT NO. 68092												
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												

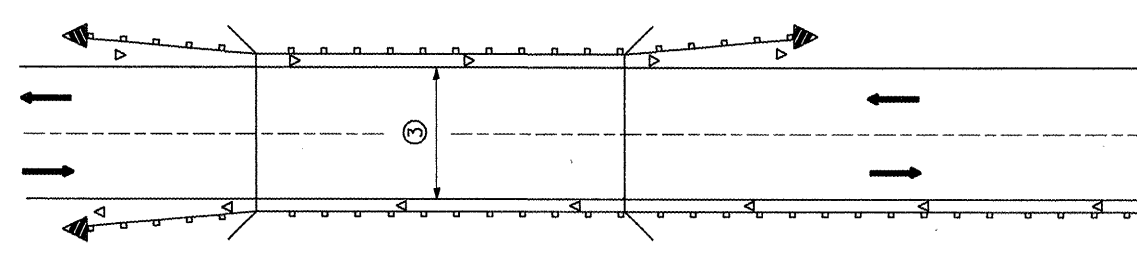
NOT TO SCALE

CADD STD. 609001-D4



- 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**



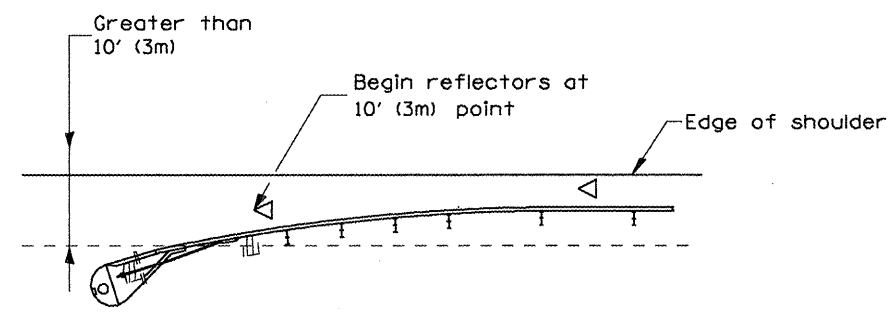
- ③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

**TWO-WAY TRAFFIC**

**GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS**

**LEGEND**

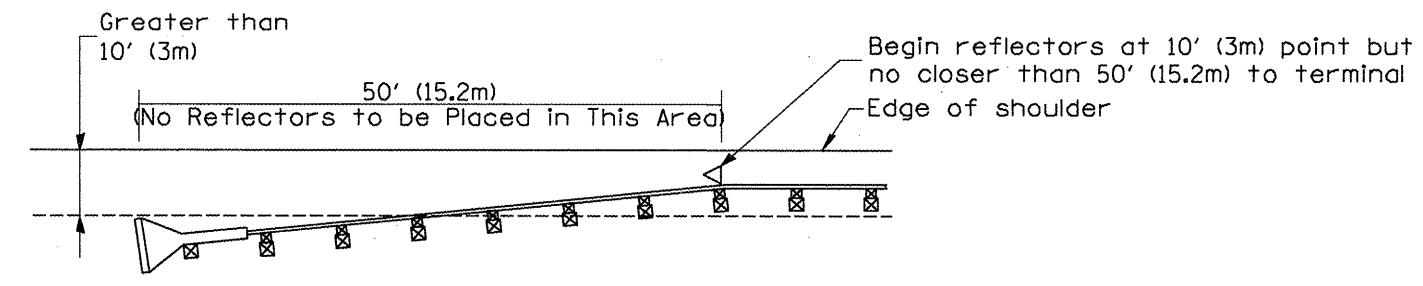
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ◄ Terminal Marker - Black/Yellow  
Left or Right as appropriate



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.

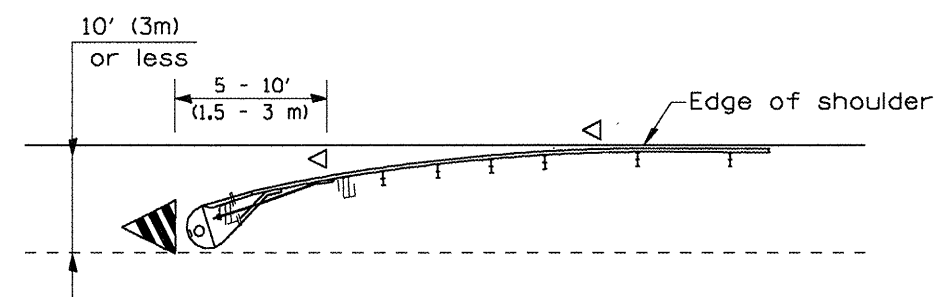
**Traffic Barrier Terminal Type(\*) and/or Turned-Down Terminal**

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



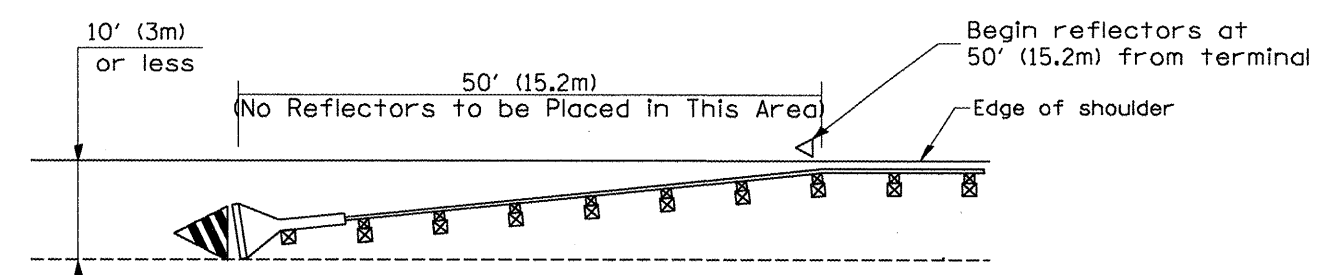
NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

**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



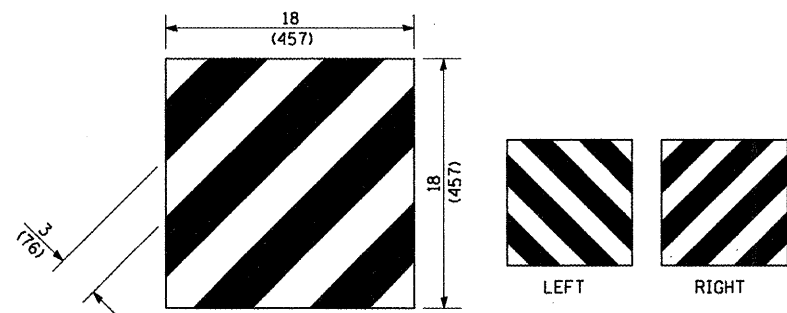
**Traffic Barrier Terminal Type 1(Special)**  
[Terminal 10' (3m) or less from edge of shoulder]

**TERMINAL MARKER PLACEMENT**

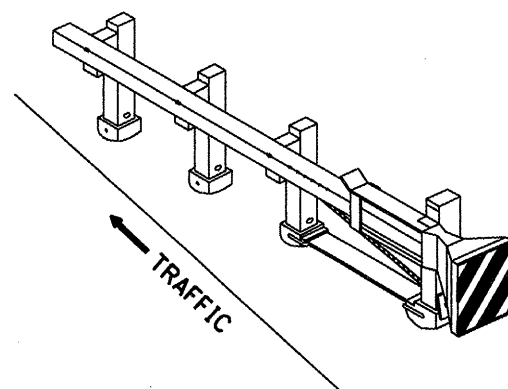
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. E-10.02, NEW REVISION BOX	T.P.			<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL AND BARRIER WALL DELINEATION</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
03-01-97	CORRECT STD. SPEC. "	J.A.					6578	(1)-RIRS, (1)-VCIBR	PEORIA	142/137
10-16-06	REVISED TO 2007 SPEC.	M.A.								CONTRACT NO. 68092
							SHT. 1 OF 3 CADD STD. 635101-D4		ILLINOIS FED. AID PROJECT	

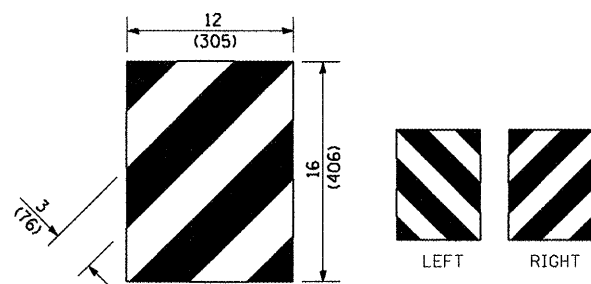
NOT TO SCALE



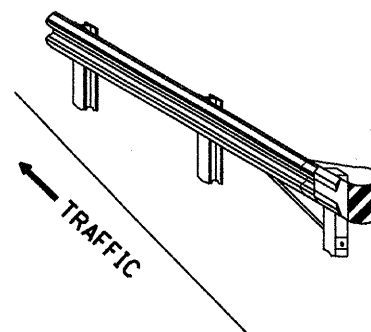
For Traffic Barrier Terminal Type 1 (Special)



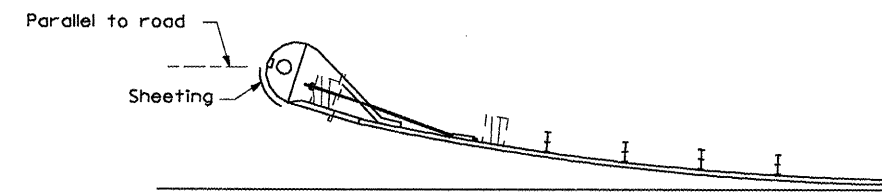
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type 1 (Special)



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



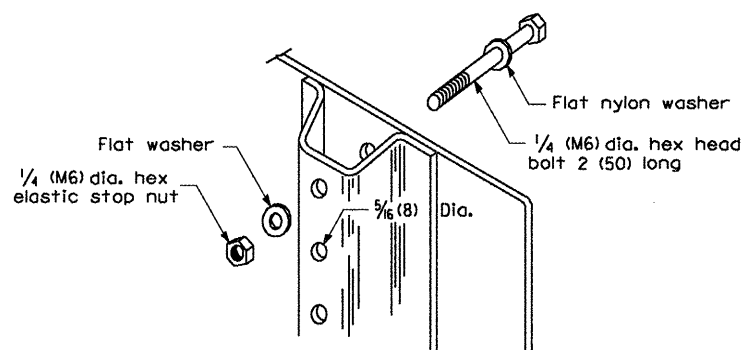
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type (\*)  
• See Plans for Type



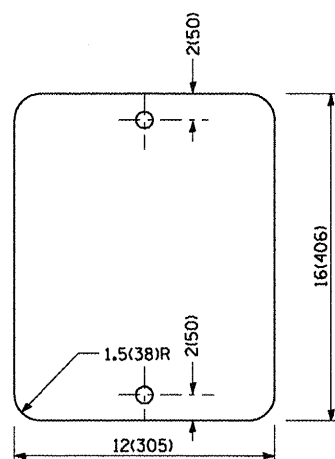
Sheeting Position for  
Traffic Barrier Terminal Type (\*)  
• See Plans for Type

**TERMINAL MARKER DETAILS**

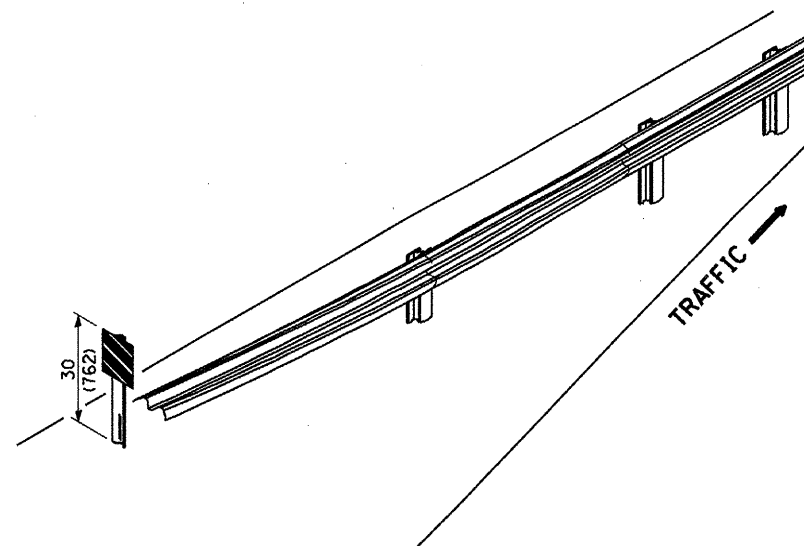
- Color: Black / Yellow reflectorized
- OM - 1100 (L or R) Direct applied reflective sheeting
- OM - 1200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



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

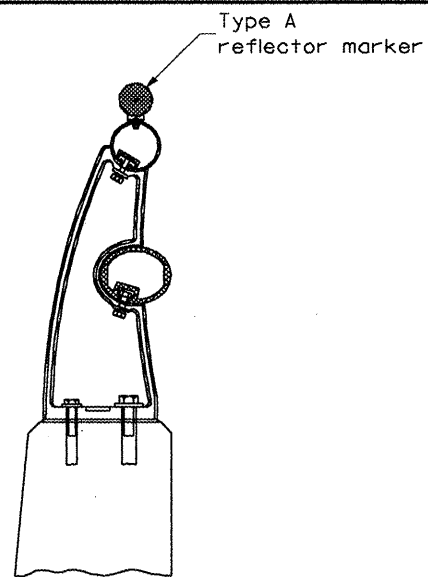
**POST MOUNTED TERMINAL MARKER ASSEMBLY**

**TERMINAL MARKER TREATMENTS**

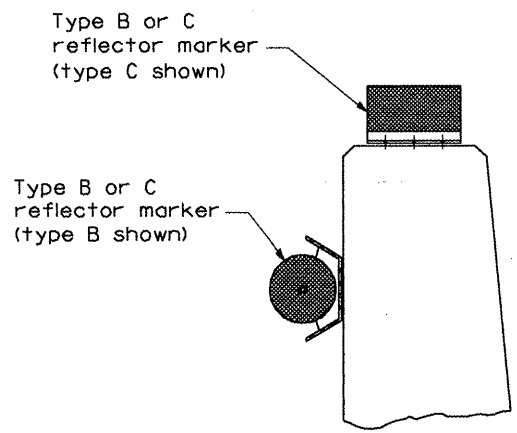
**GENERAL NOTES**

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

				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>GUARDRAIL AND BARRIER WALL DELINEATION</b>		SHT. 2 OF 3 CADD STD. 635101-D4		<table border="1"> <tr> <th>F.A.U. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>6578</td> <td>(1-R)RS, (1-VC)BR</td> <td>PEORIA</td> <td>142</td> <td>138</td> </tr> <tr> <td colspan="3">FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT</td> <td colspan="2">CONTRACT NO. 68092</td> </tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	6578	(1-R)RS, (1-VC)BR	PEORIA	142	138	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68092	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
6578	(1-R)RS, (1-VC)BR	PEORIA	142	138																						
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68092																							

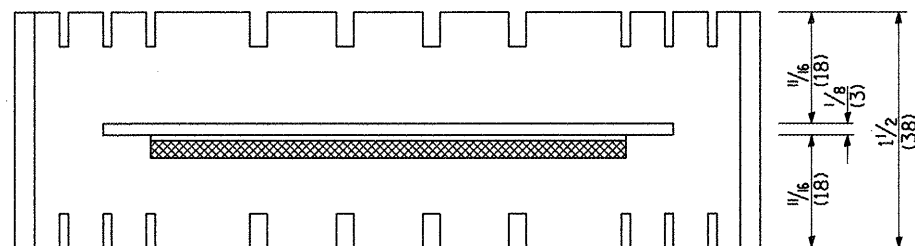


**TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR**

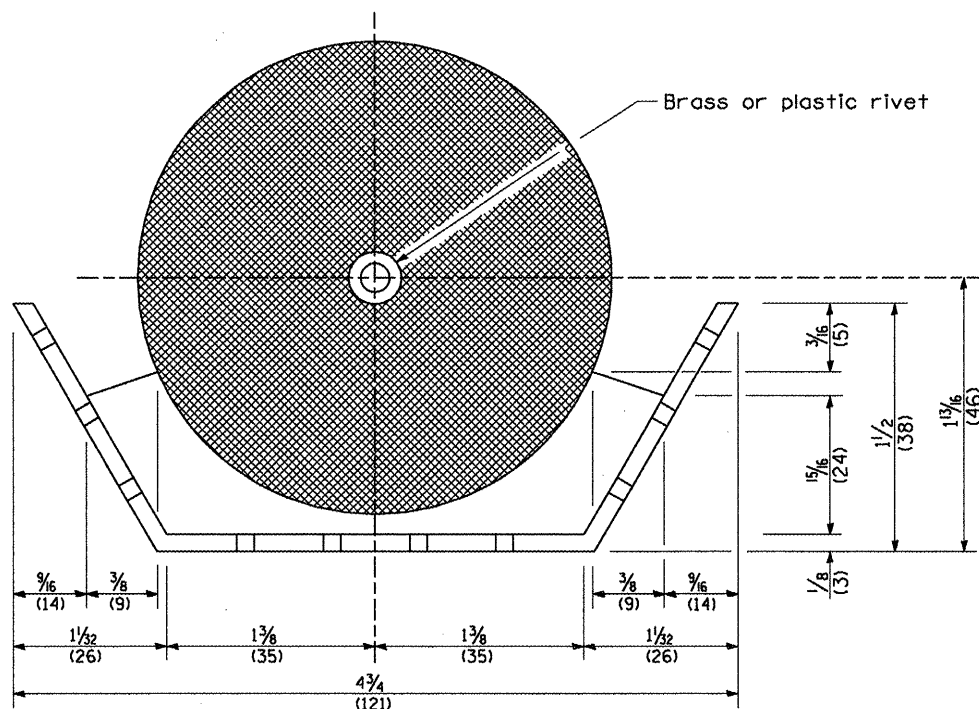


**TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR**

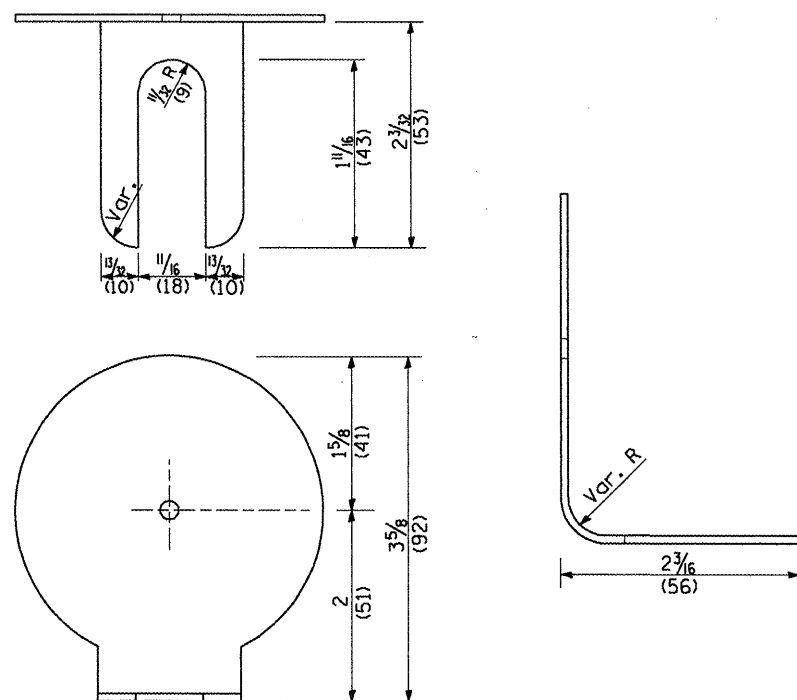
**REFLECTOR MOUNTING**



Adhesive weep slots or holes equally spaced on both sides

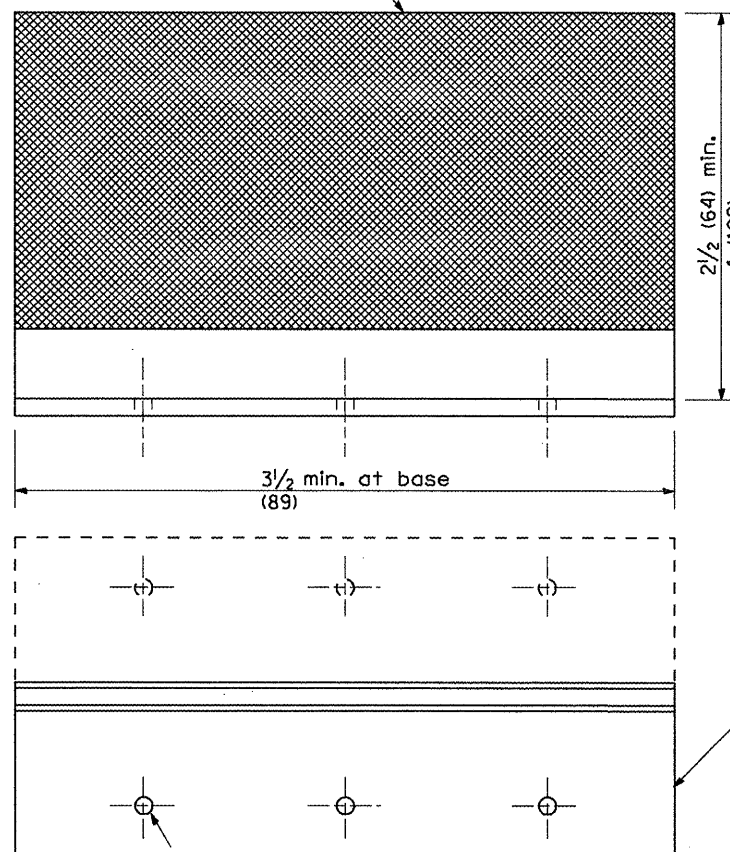


**REFLECTOR MARKER TYPE B**



**REFLECTOR MARKER TYPE A**

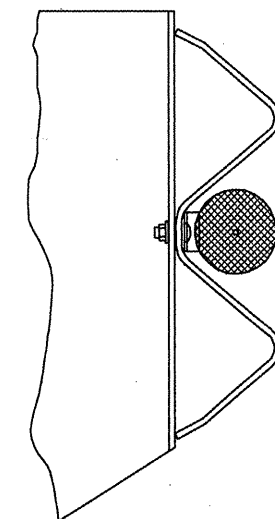
Min. reflective area 6 1/2 sq. in. (4,194 mm<sup>2</sup>) each side. May be rectangular or slight trapezoid.



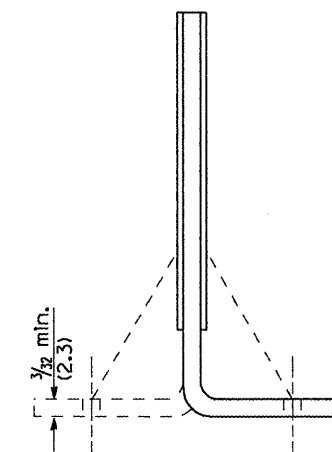
**REFLECTOR MARKER TYPE C**

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

Minimum total area of base 7.0 Sq. in. (4,516 mm<sup>2</sup>)



**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

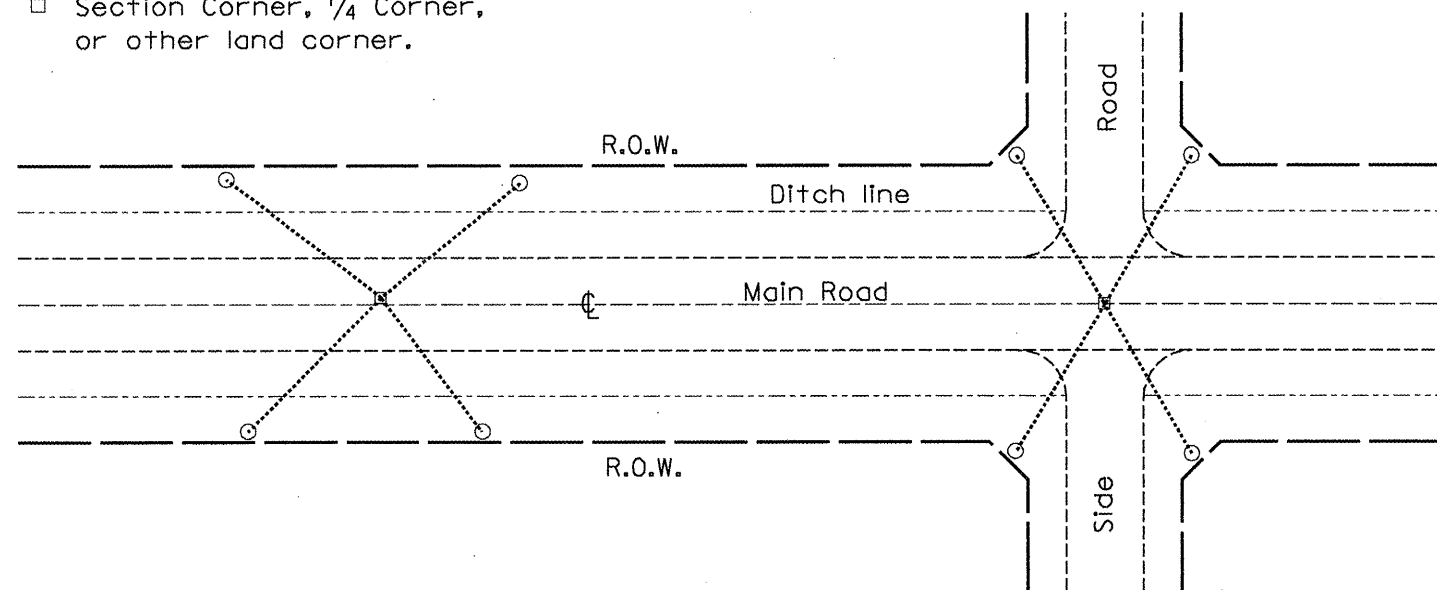
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-RIRS, 1-VCIBR)	PEORIA	172	139
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHT. 3 OF 3  
CADD STD. 635101-D4

CONTRACT NO. 68092

**PERMANENT SURVEY TIES**

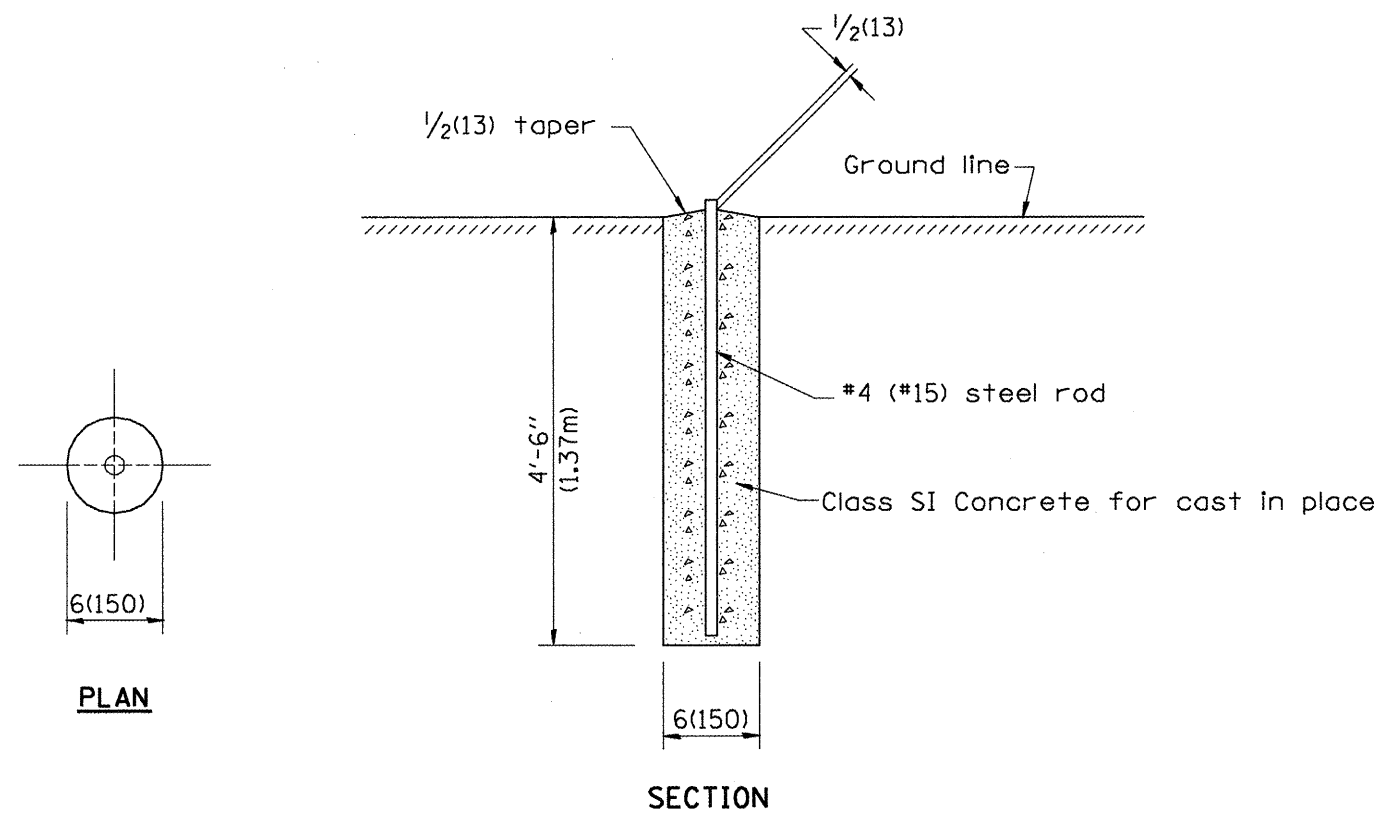
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



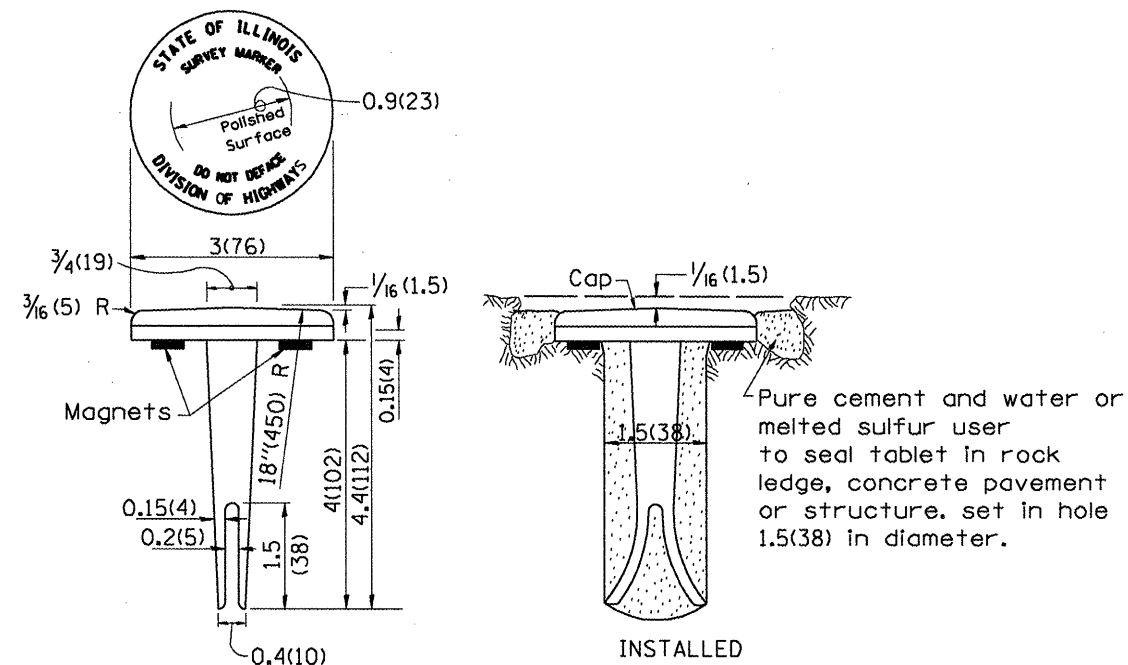
**TYPICAL APPLICATION**

**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.



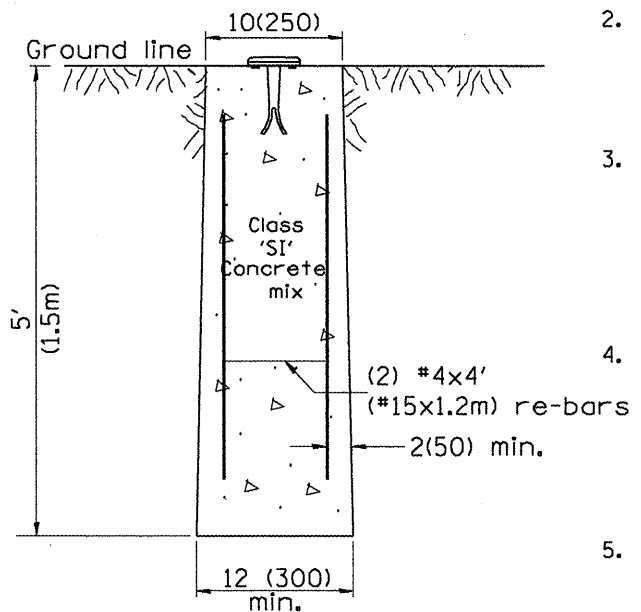
**PERMANENT SURVEY MARKERS**



**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.

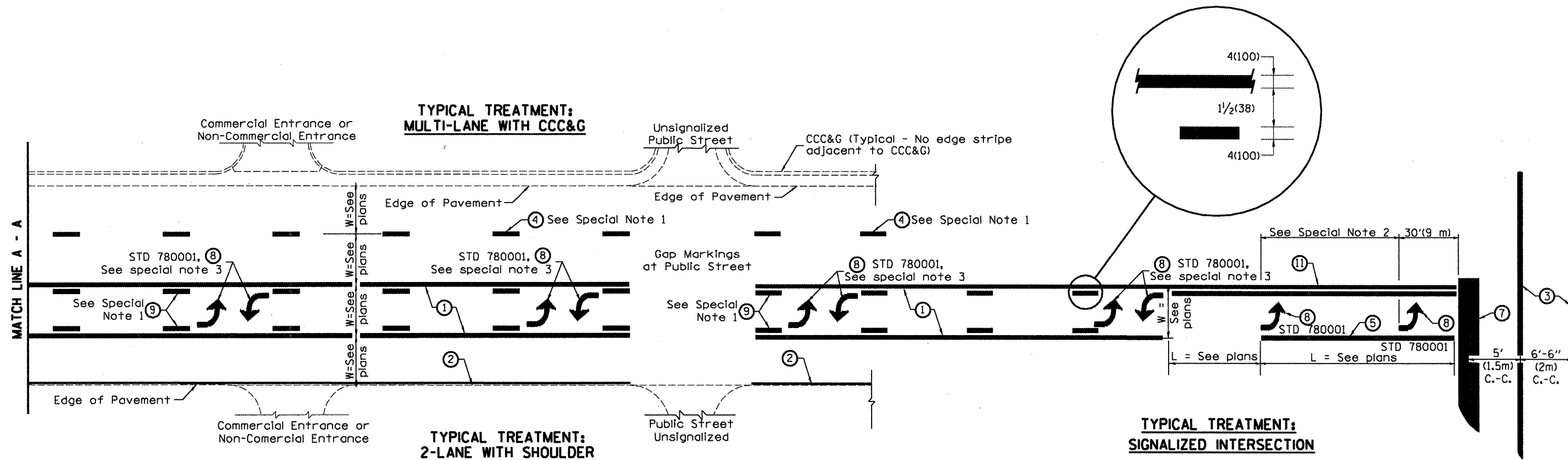
01-01-97	RENUM, D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PERMANENT SURVEY TIE &amp; PERMANENT SURVEY MARKERS TY.I - TY.II</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
07-07-98	TITLE BOX, ADD DESIGNER NOTE	J.A.						6578	(1-RIRS, (1-VC)BR	PEORIA	142	140		
05-24-06	ADD DESIGNER NOTE	M.A.												
	REMOVED GEN. NOTE UNDER TIES													

NOT TO SCALE

CADD STD. 667101-D4

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





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

**TYPICAL PAVEMENT MARKING LEGEND**

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

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

**SPECIAL NOTES**

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

**GENERAL NOTES**

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

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

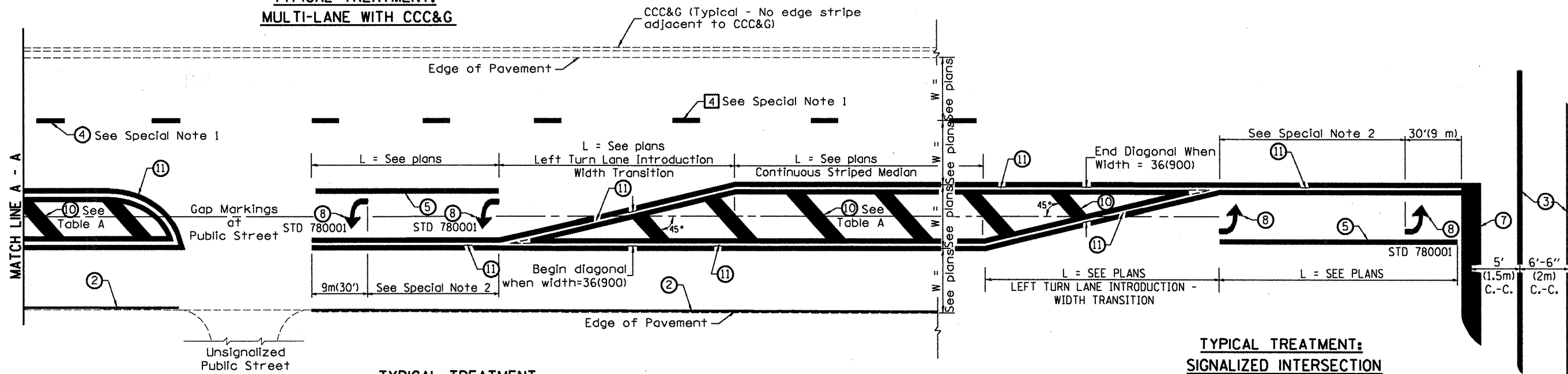
**TYPICAL PAVEMENT MARKINGS**

NOT TO SCALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-RIRS, (1-VC)BR	PEORIA	12	14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68092	

SHT. 1 OF 2  
CADD STD. 780001-D4

**TYPICAL TREATMENT:  
MULTI-LANE WITH CCC&G**



**TYPICAL TREATMENT:  
2-LANE WITH SHOULDER**

**TYPICAL TREATMENT:  
SIGNALIZED INTERSECTION**

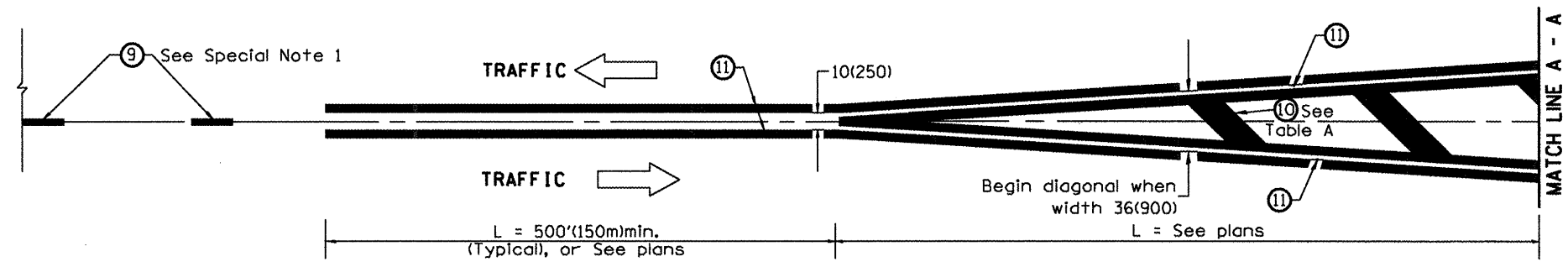
**TYPICAL MEDIAN TRANSITIONS**

**FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE**

**TABLE A**

**RECOMMENDED SPACING BETWEEN DIAGONAL LINES**

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION
		(Includes Width Transitions for Median and Left Turn Lane Introductions)
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)



**MEDIAN INTRODUCTION - WIDTH TRANSITIONS**

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

--	--	--	--	--	--	--	--	--	--

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

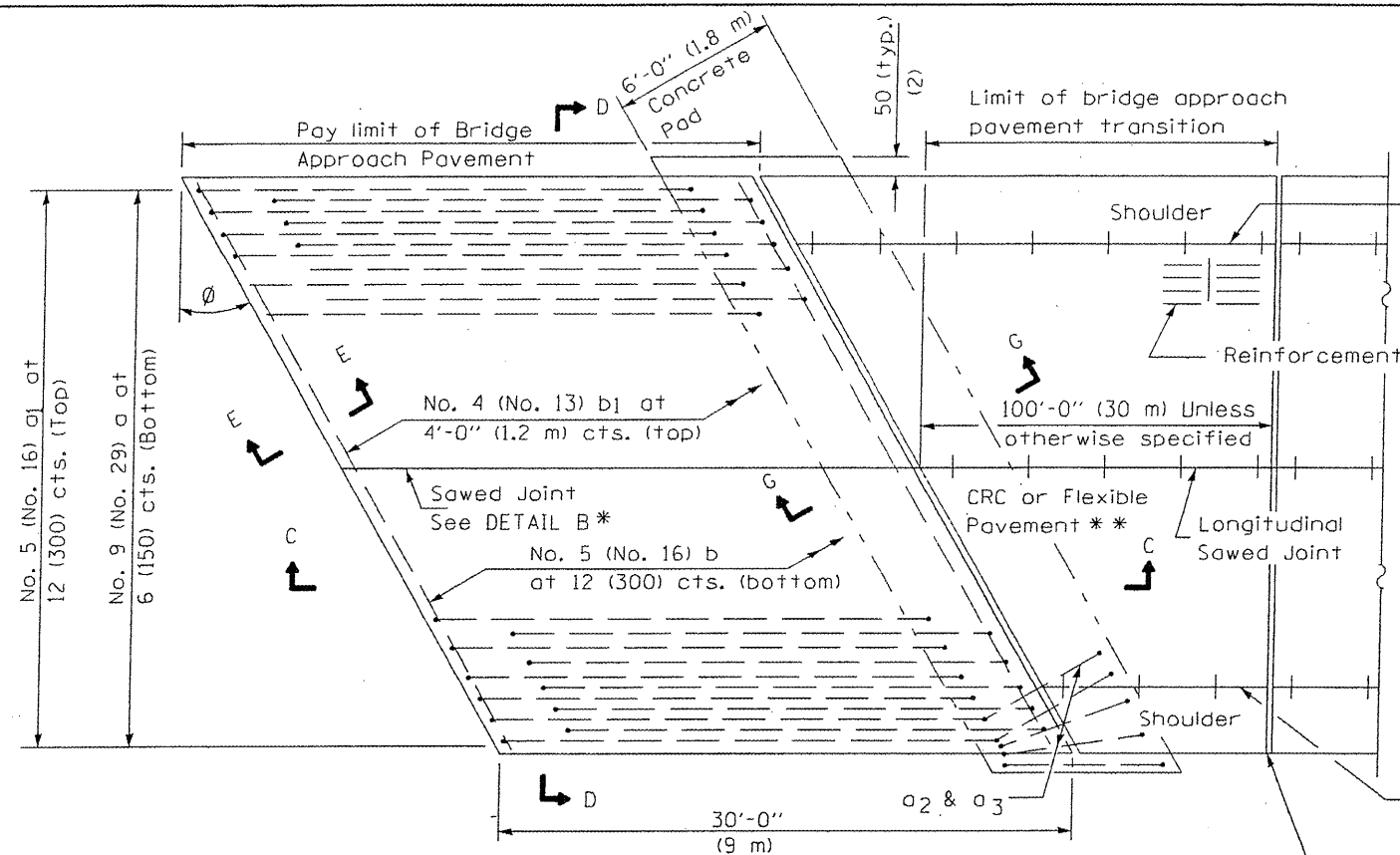
TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

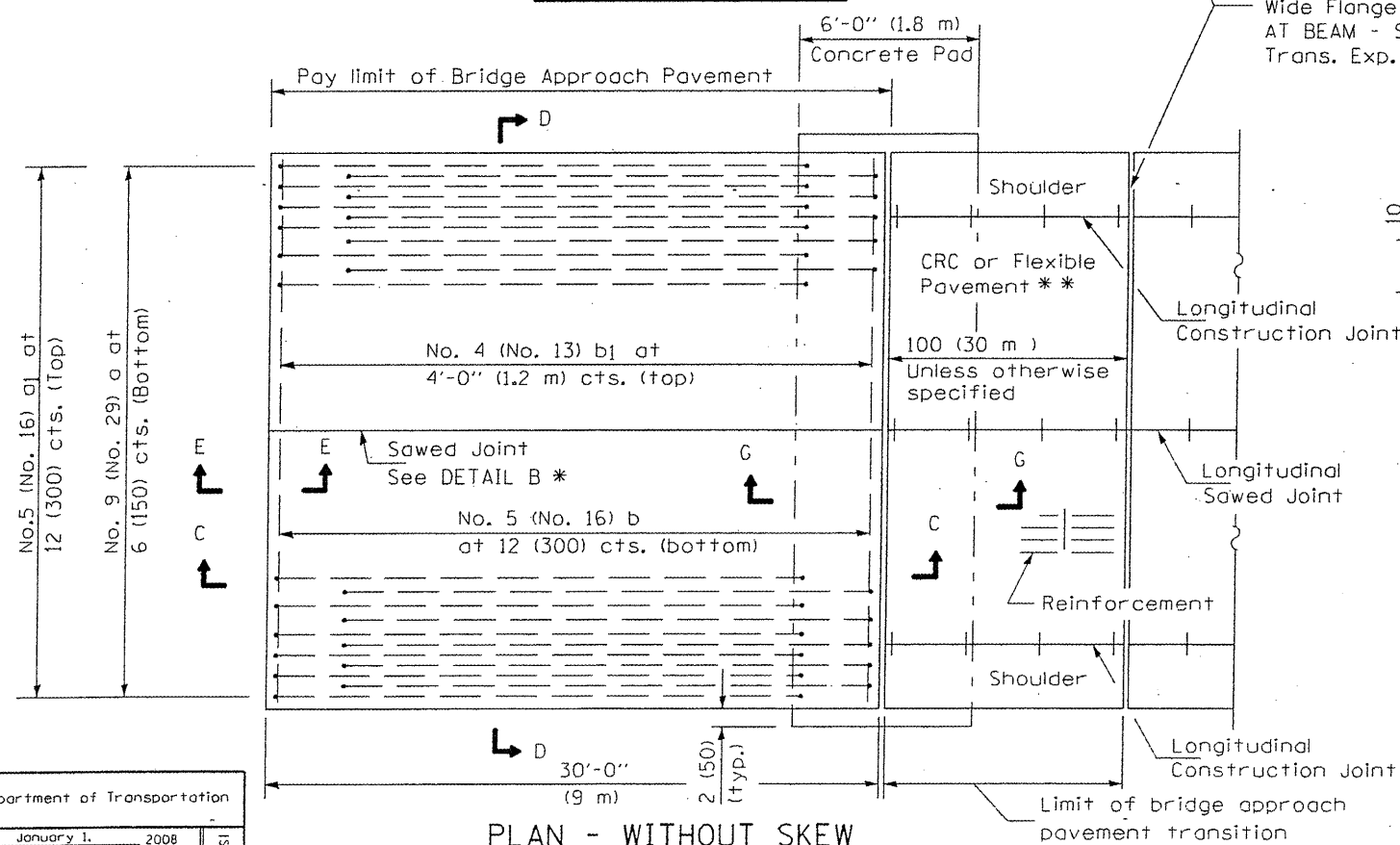
SHT. 2 OF 2  
CADD STD. 780001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-RIRS, (1-VCIBR	PEORIA	142	142
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 68092				

**NEW CONSTRUCTION**



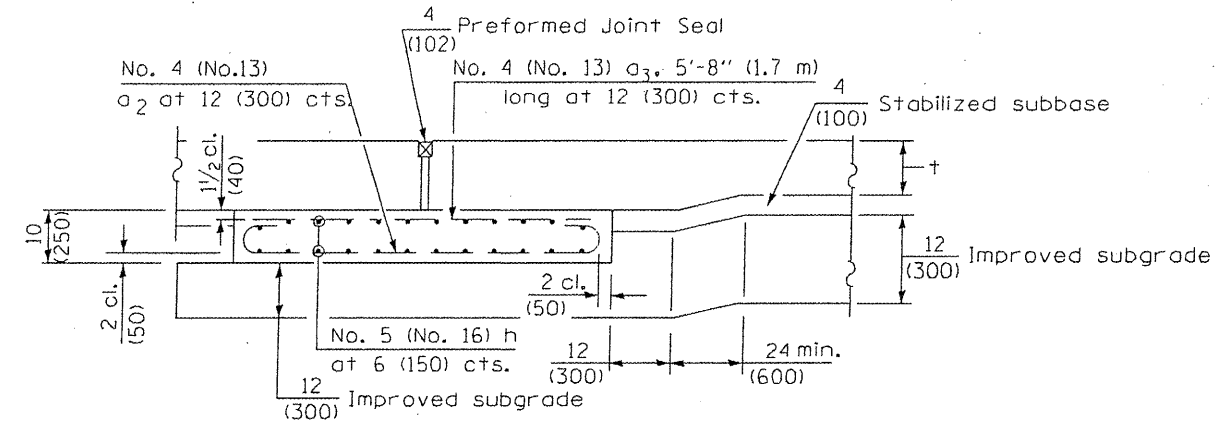
**PLAN - WITH SKEW**



**PLAN - WITHOUT SKEW**

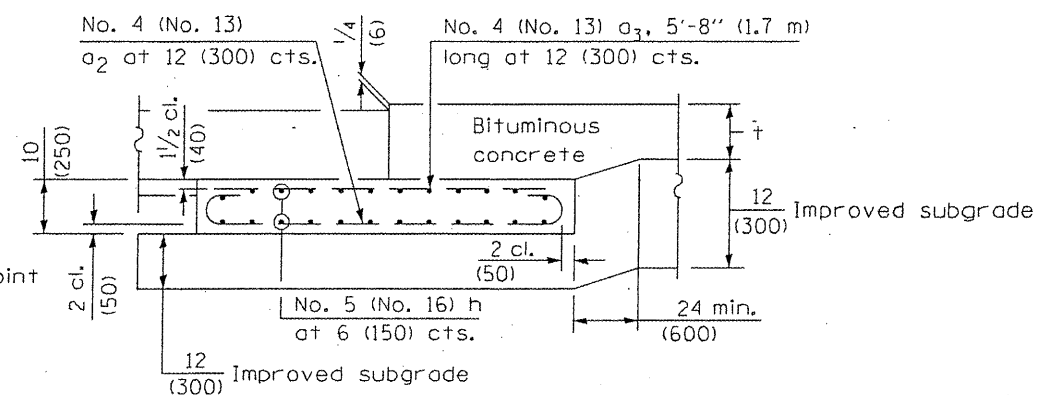
**Rigid Pavement only:**

Wide Flange Beam Terminal Joint (See DETAIL AT BEAM - Standard 421101 or 421106) or 2 (50) Trans. Exp. Joint as detailed on Standard 420001.



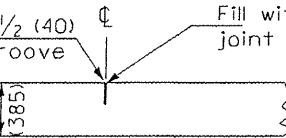
**SECTION G-G - RIGID PAVEMENT**

(Showing reinforcement)



**SECTION G-G - FLEXIBLE PAVEMENT**

(Showing reinforcement)



**DETAIL B\***

(Reinforcement Not Shown)

**GENERAL NOTES**

- THICKNESS-"t"=Thickness of Pavement.
- See Standard 421001 for reinforcement details not shown.
- See Standard 420001 for joint details not shown.
- All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2008  
*Walsh E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

APPROVED January 1, 2008  
*Ken E. Ka...*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

\* Saw  $\text{\textcircled{C}}$  or lane edge if poured two or more lane widths at a time.  
 \*\* Omit Reinforcement, tie bars and Long. sawed Jt. for Flexible Pavement.

DATE	REVISIONS
1-1-08	Switched units to English (metric). Moved rebar epoxy coat note to Standard Spec.
1-1-04	Rev. size of Trans. Exp. Jt. and soft converted metric reinf.

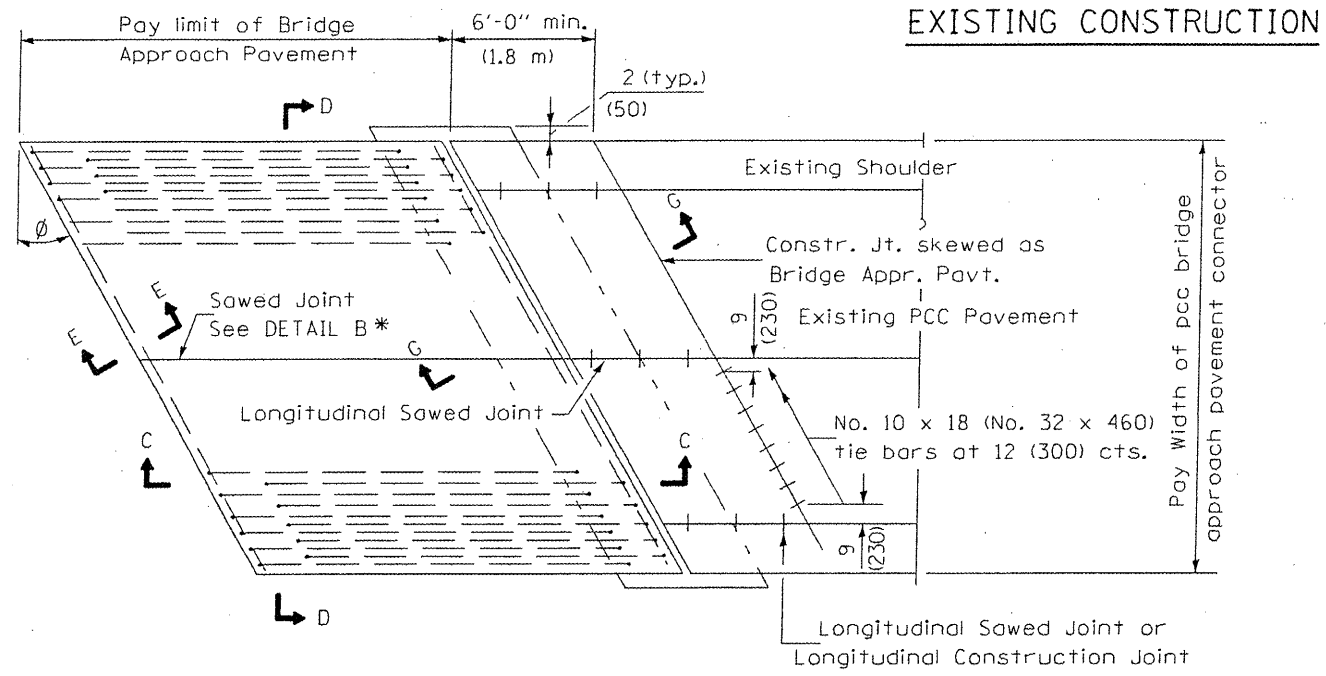
**BRIDGE APPROACH PAVEMENT**

(Sheet 1 of 4)

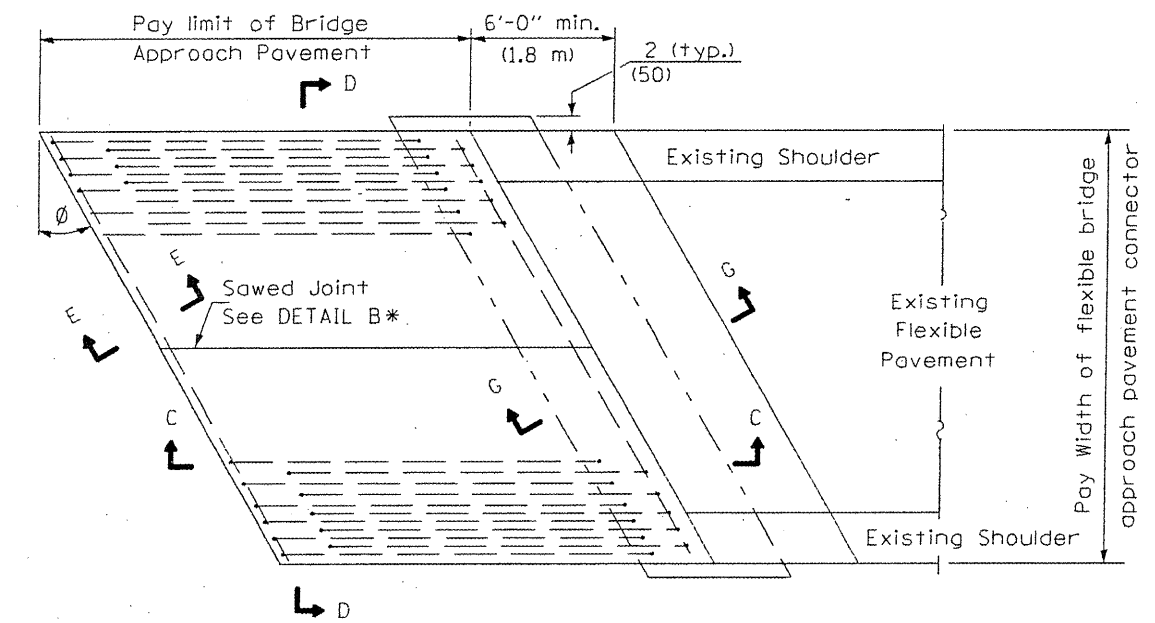
**SHEET 142A**

**CONTRACT # 68092**



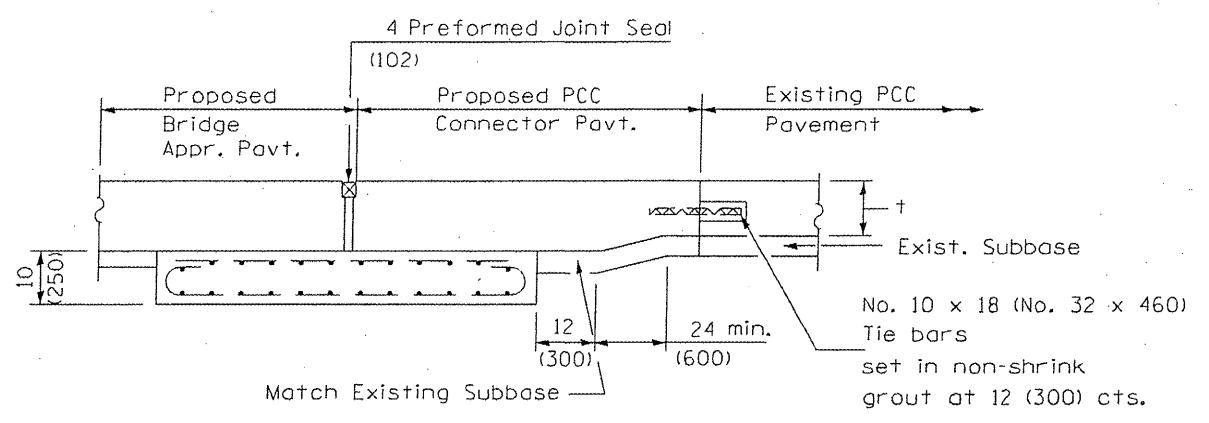


**BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)**

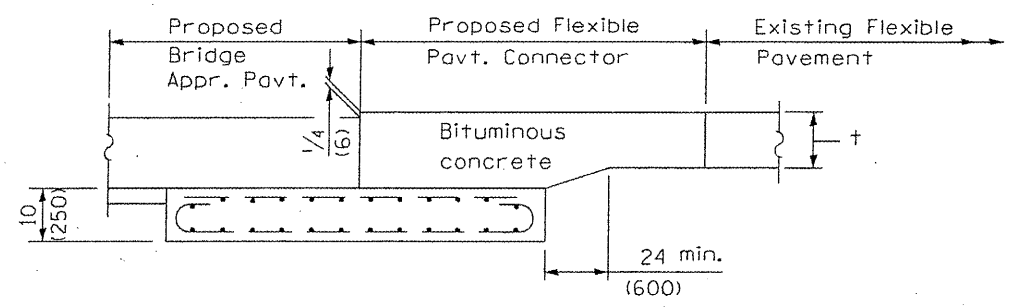


**BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)**

**EXISTING CONSTRUCTION**



**SECTION G-G - RIGID PAVEMENT**

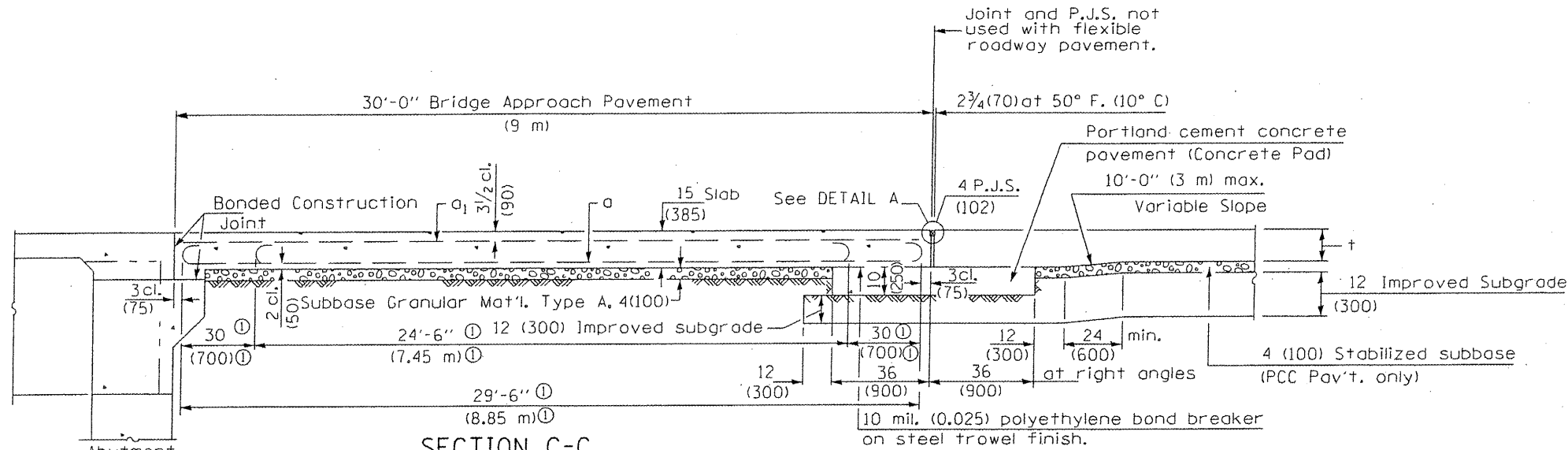


**SECTION G-G - FLEXIBLE PAVEMENT**

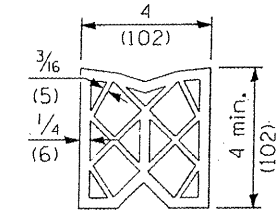
Illinois Department of Transportation  
 APPROVED January 1, 2008  
*Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES  
 APPROVED January 1, 2008  
*Ken E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT  
 ISSUED 1-1-97

**BRIDGE APPROACH PAVEMENT**  
 (Sheet 2 of 4)  
**SHEET 142B**  
**CONTRACT # 6809Z**

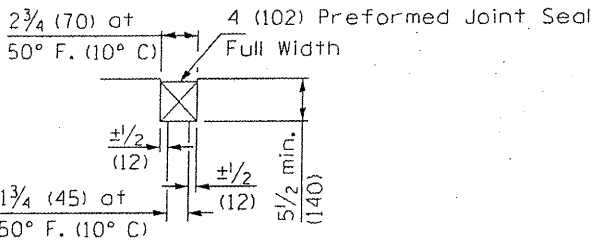
142B



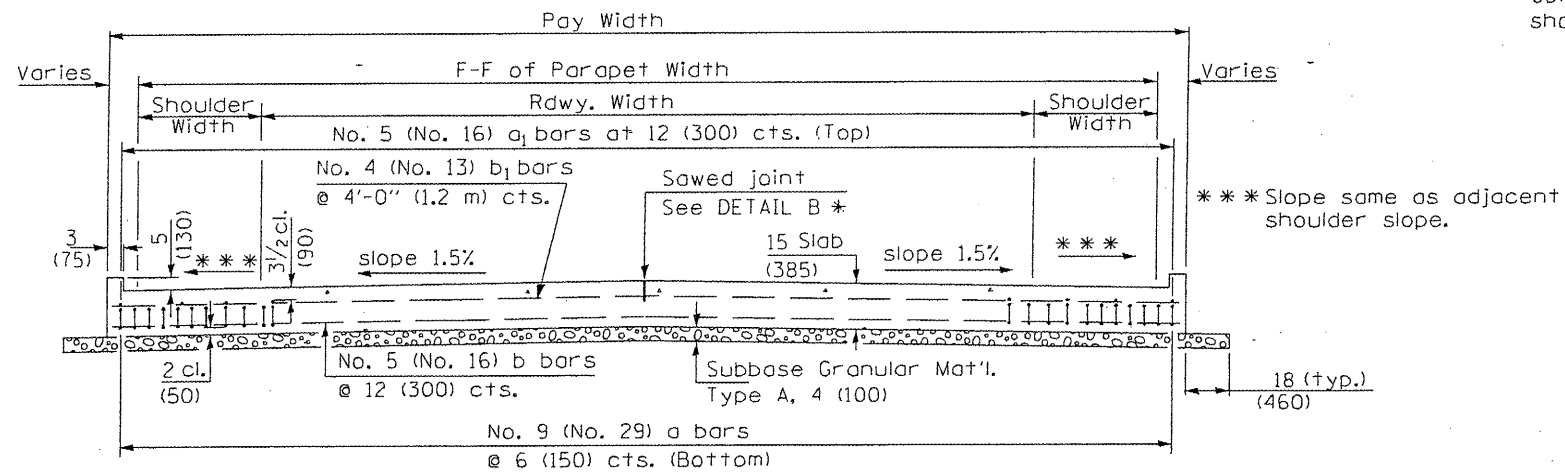
⓪ Stagger No. 9 (No. 29) a bars as shown on plan - full width



PREFORMED JOINT SEAL



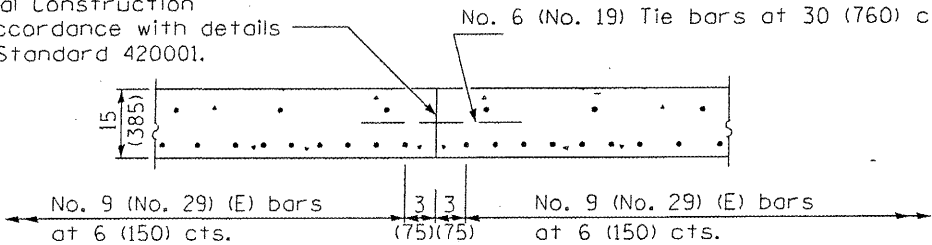
DETAIL A



SECTION D-D

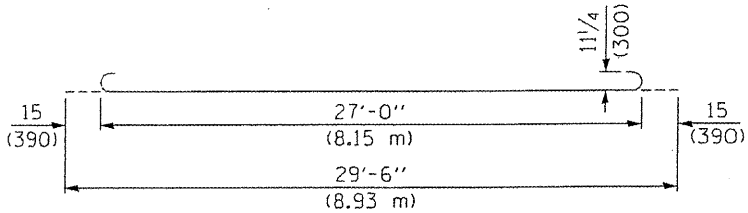
(See Plan for Dimensions not shown)

Longitudinal Construction Joint in accordance with details shown on Standard 420001.

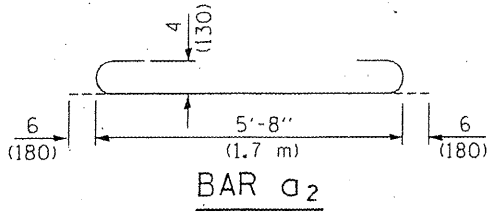


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT

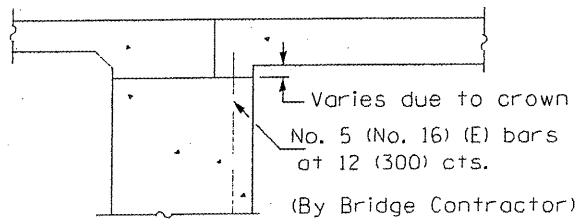
As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.



BAR a

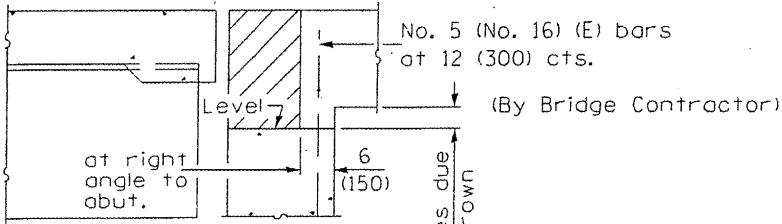


BAR a2



SECTION E-E

(Integral Abutments)



SECTION E-E

(Jointed Abutments)

DESIGN STRESSES  
 $f_y = 60,000$  p.s.i. (400 MPa)  
 $f'_c = 3,500$  p.s.i. (24 MPa)  
 $n = 8.5$

BRIDGE APPROACH PAVEMENT

(Sheet 3 of 4)

SHEET 142C

CONTRACT # 68092

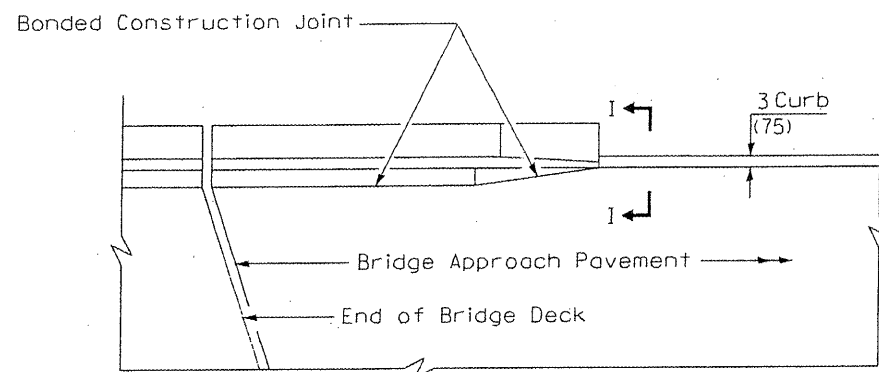
Illinois Department of Transportation

APPROVED January 1, 2008  
*Walsh E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

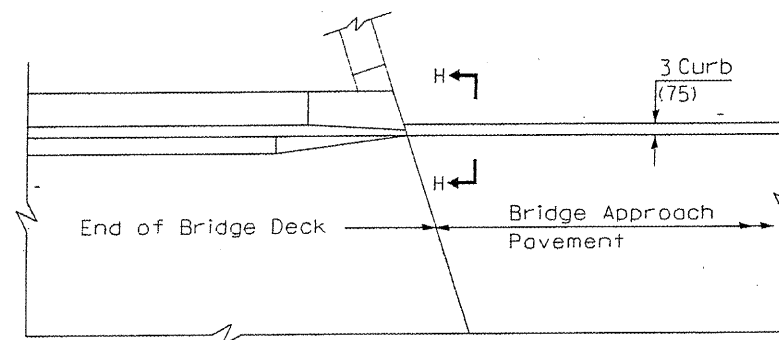
APPROVED January 1, 2008  
*Ken E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-08

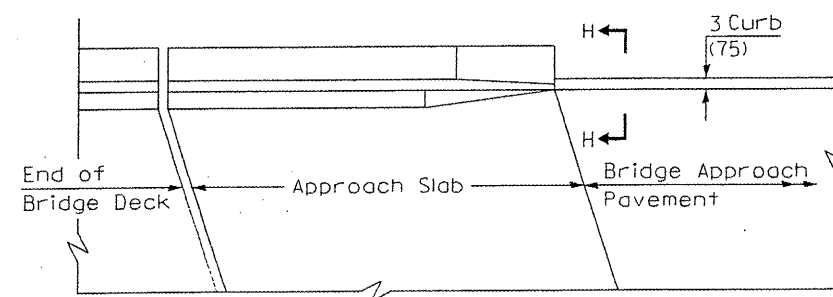




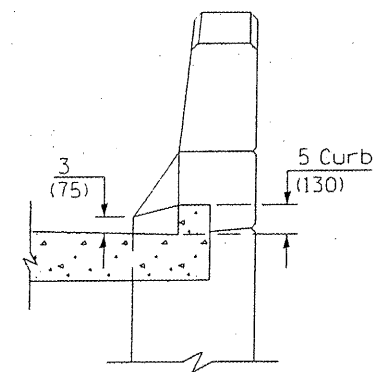
PARAPET TO CURB TRANSITION  
PILE BENT ABUTMENT



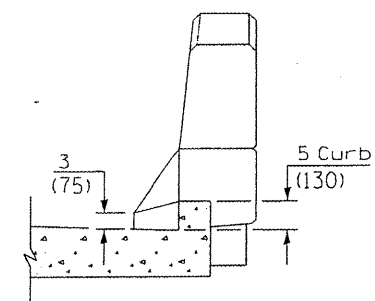
PARAPET TO CURB TRANSITION  
INTEGRAL ABUTMENT



PARAPET TO CURB TRANSITION  
VAULTED ABUTMENT



SECTION I - I



SECTION H - H

Illinois Department of Transportation  
 APPROVED January 1, 2008  
*Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES  
 APPROVED January 1, 2008  
*Ken S. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT  
 ISSUED 1-1-97

BRIDGE APPROACH PAVEMENT  
 (Sheet 4 of 4)  
 SHEET 142D  
 CONTRACT # 68092

142D