

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

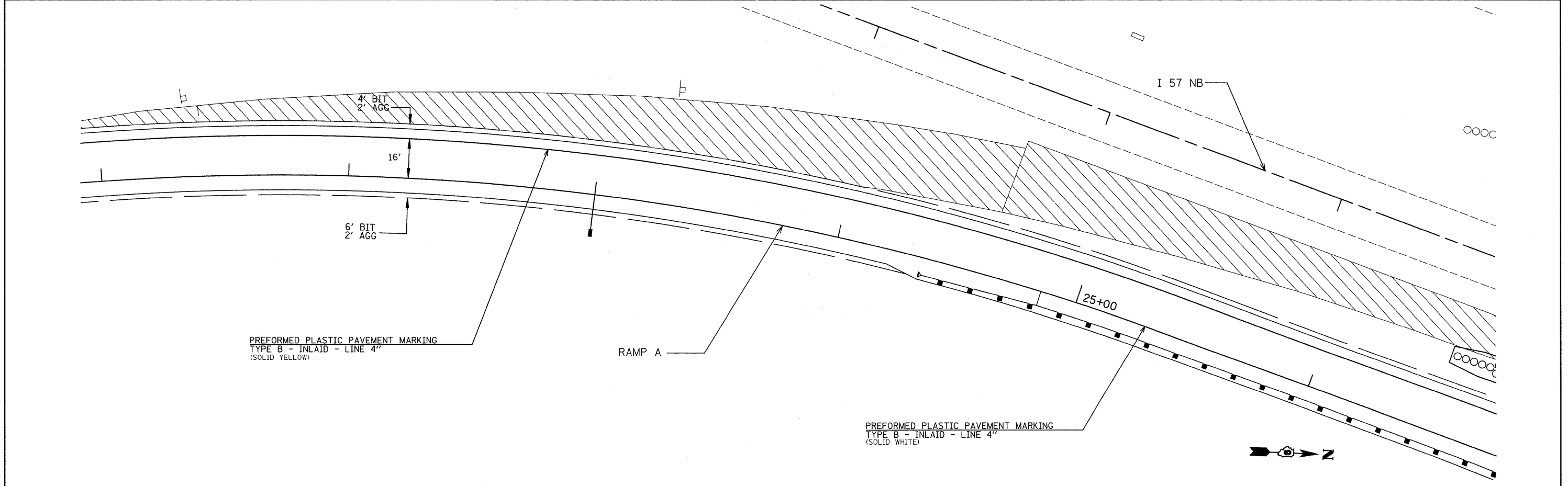
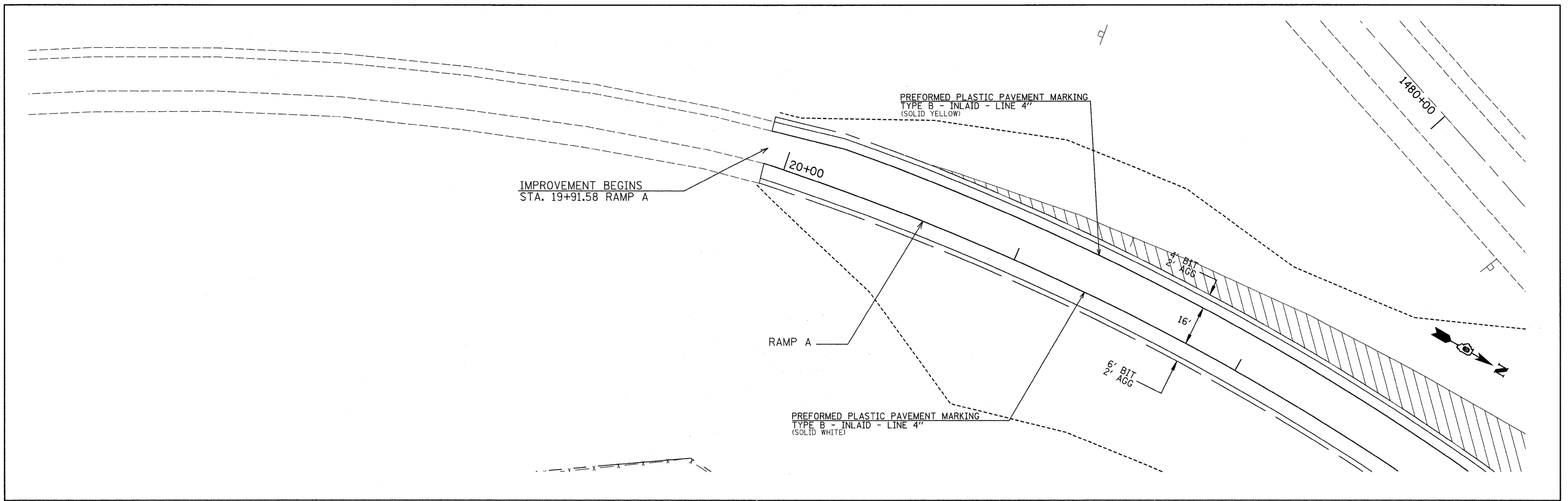
**PAVEMENT MARKINGS
HALFWAY ROAD**
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 401+50 TO STA. 407+50

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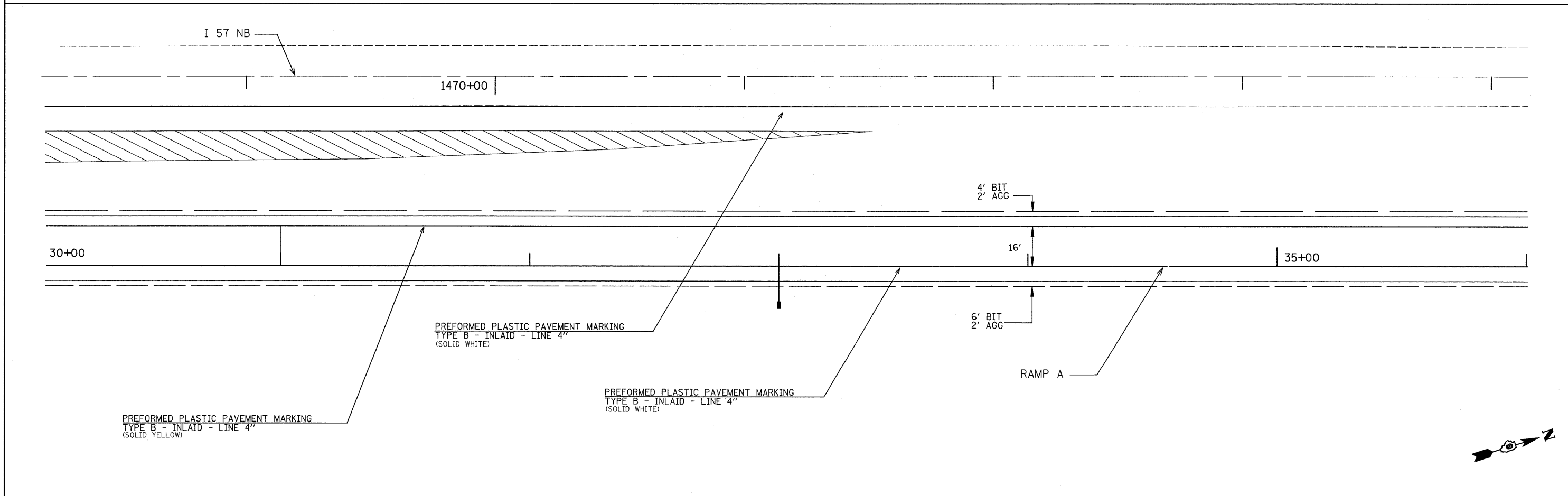
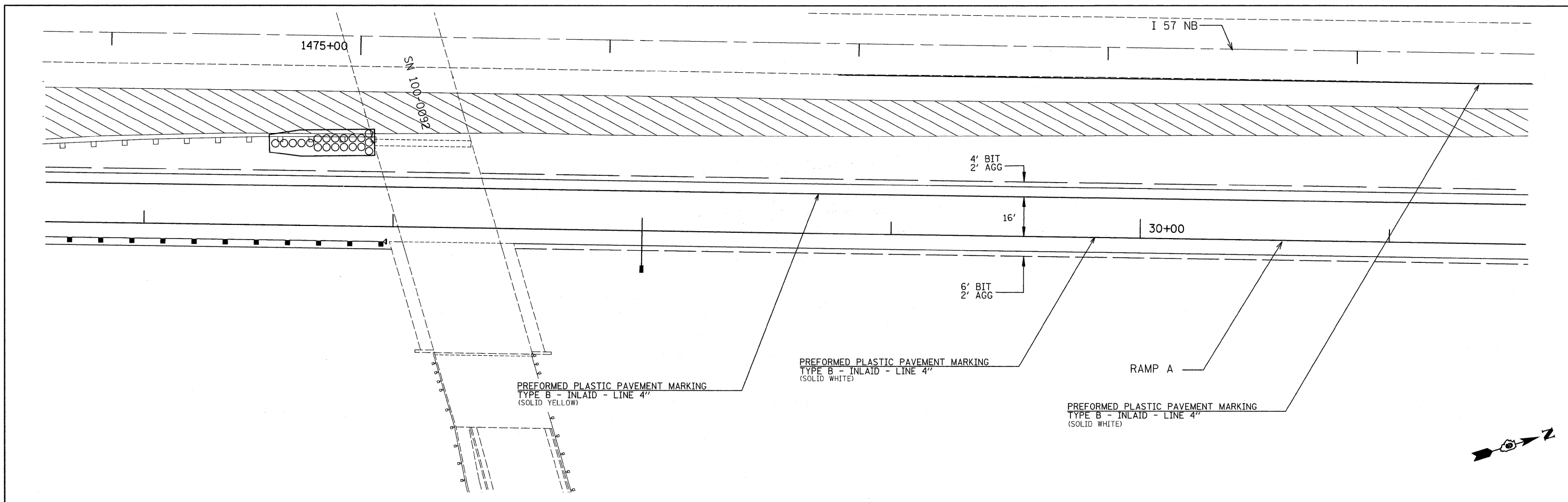
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1;(1X-1)R-4	WILLIAMSON	194	101
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
ILLINOIS FED. AID PROJECT				

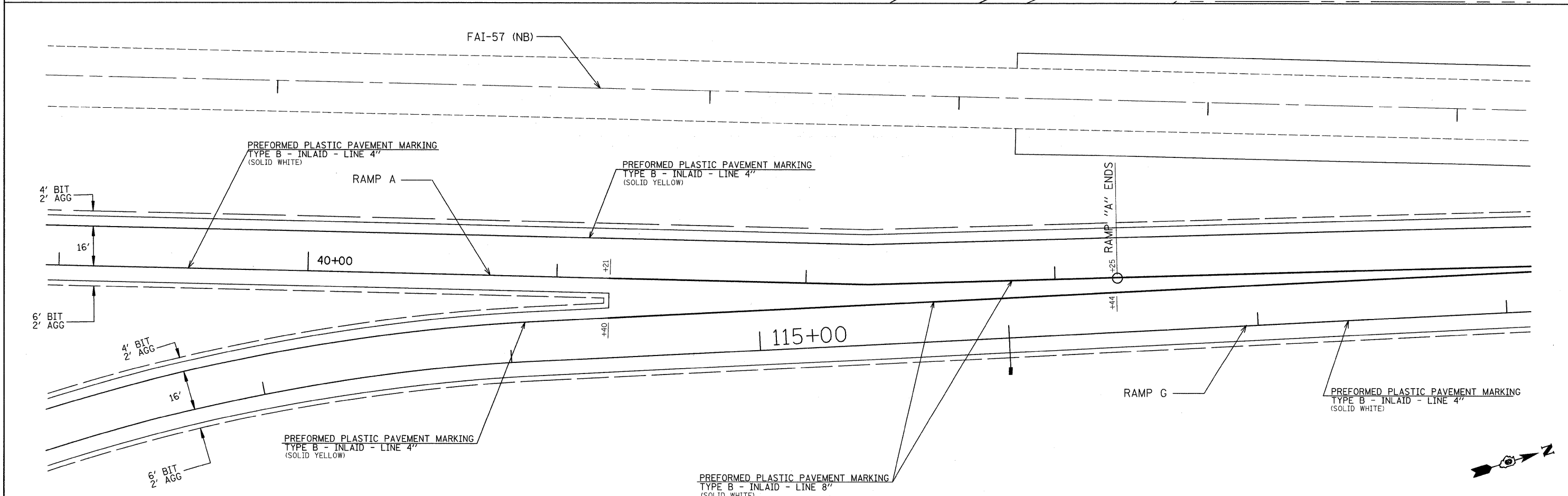
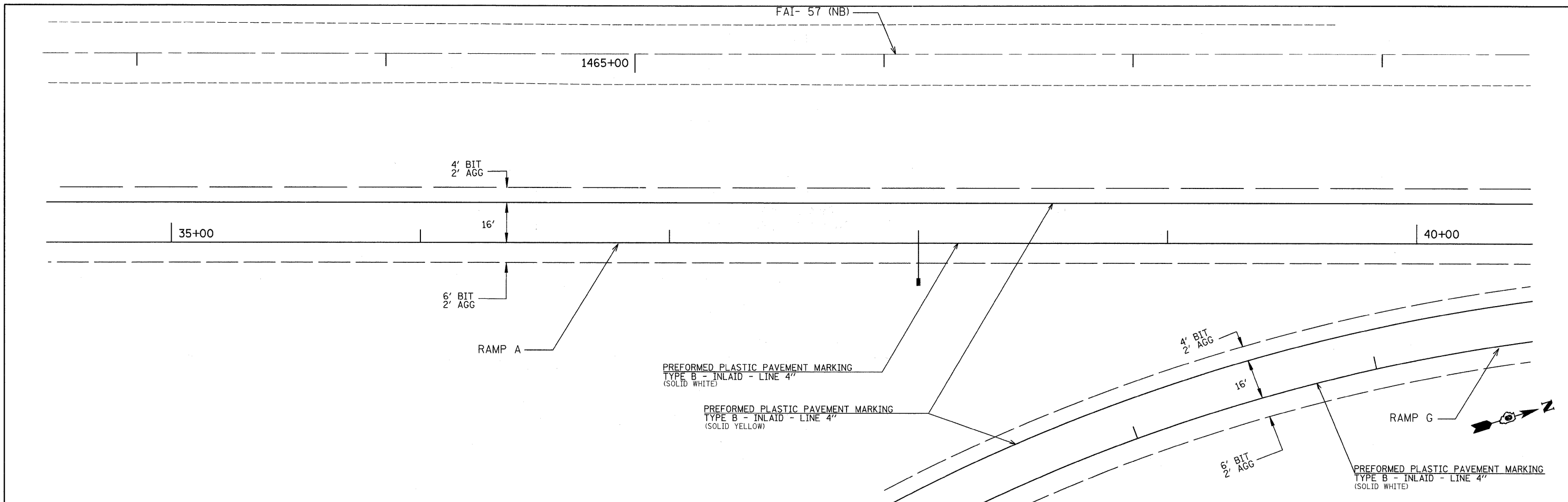
EXISTING SIGN TO BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.



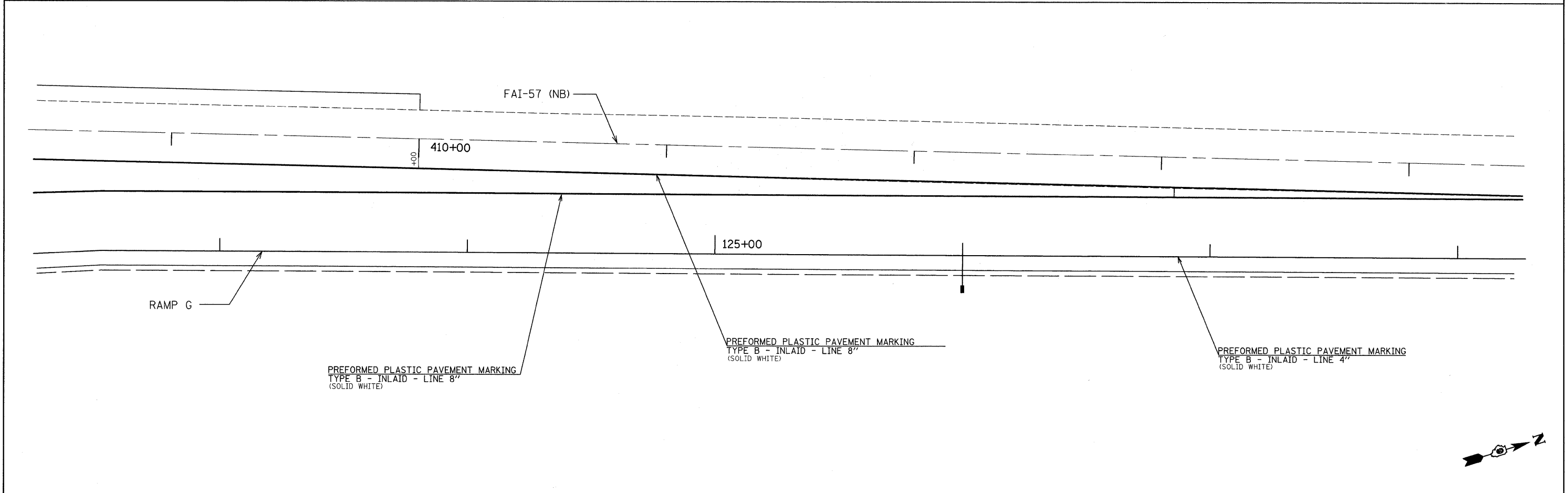
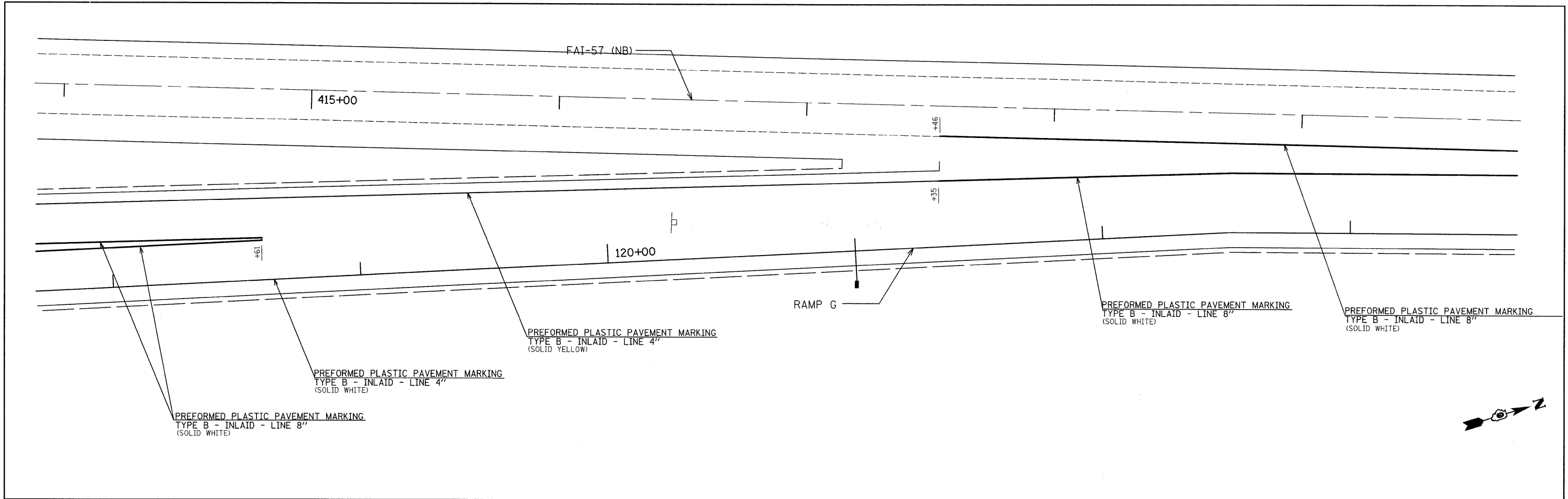
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	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 7 SHEETS	STA. 19+91.58 TO STA. 26+00.00	*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	102	
	PLOT DATE = #DATE#	CHECKED -	REVISED -					*	I-57/IL 13 (FAI 57/FAP 331)				
		DATE -	REVISED -										
											CONTRACT NO. 78194 ILLINOIS FED. AID PROJECT		



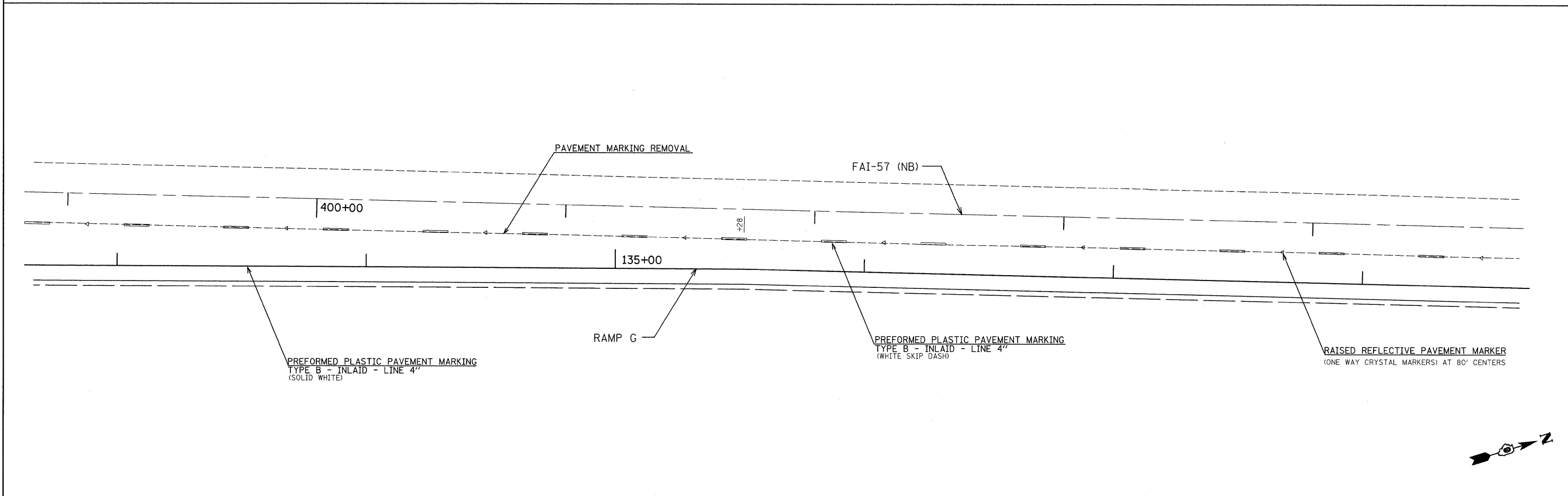
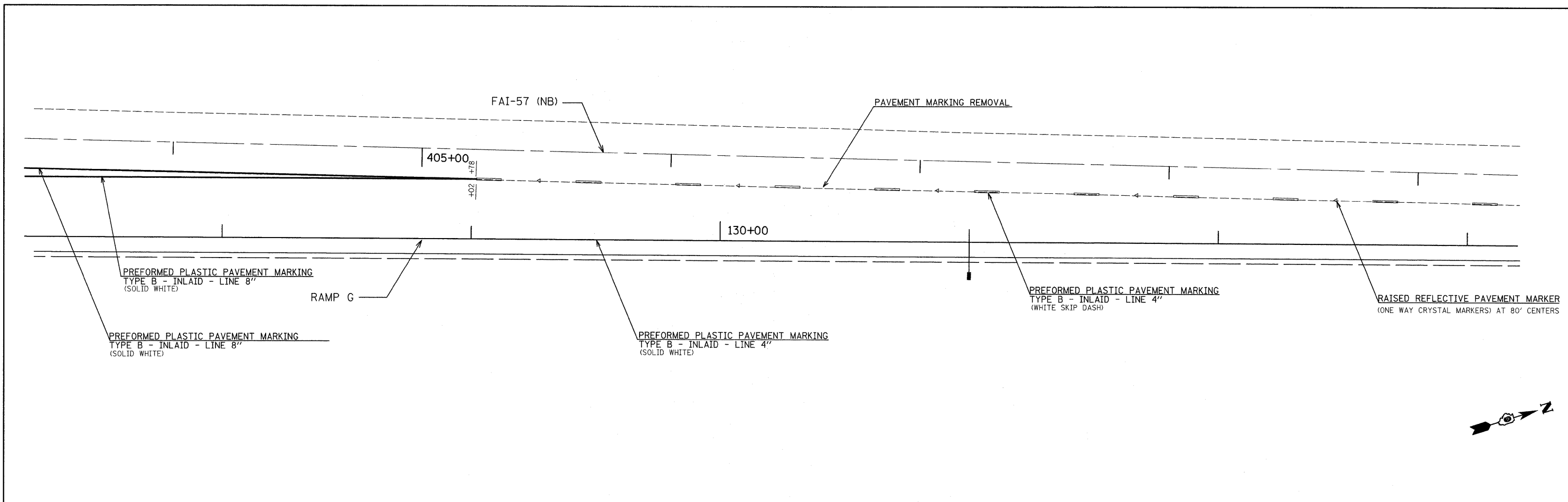
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	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 7 SHEETS	STA. 26+00.00 TO STA. 35+00.00	*	(X1-6-2)K-1j(1X-1)R-4	WILLIAMSON	194	103
	PLOT DATE = #DATE#	CHECKED -	REVISED -					*	I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT			



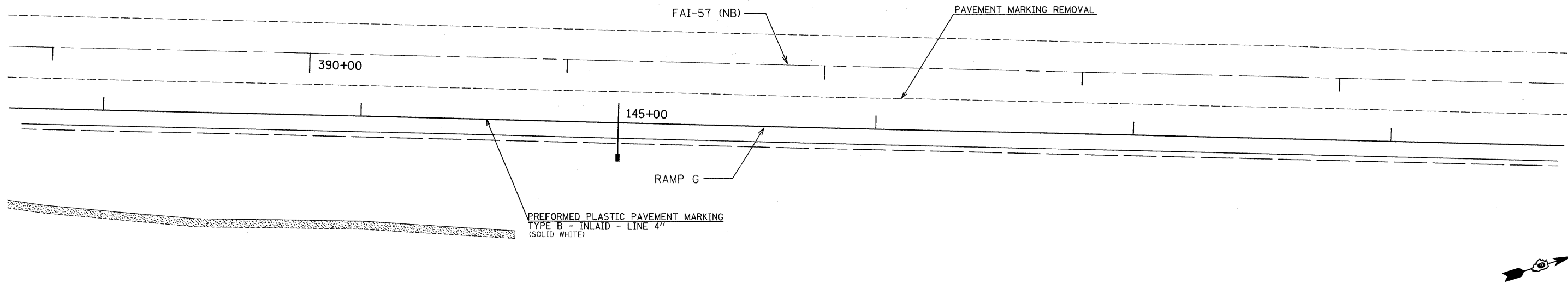
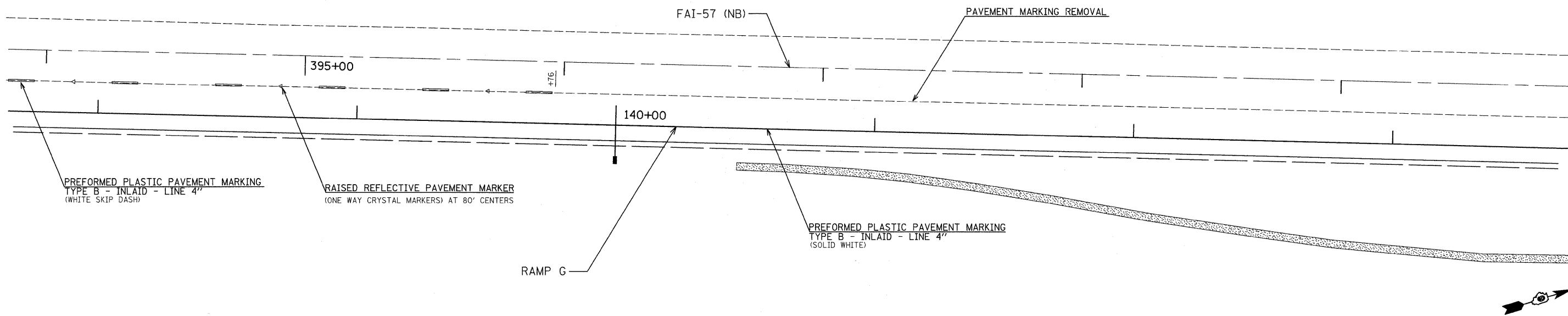
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#FILEL#		DRAWN -	REVISED -			* XI-6-2K-1;1X-1R-4	WILLIAMSON	194	104		
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	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



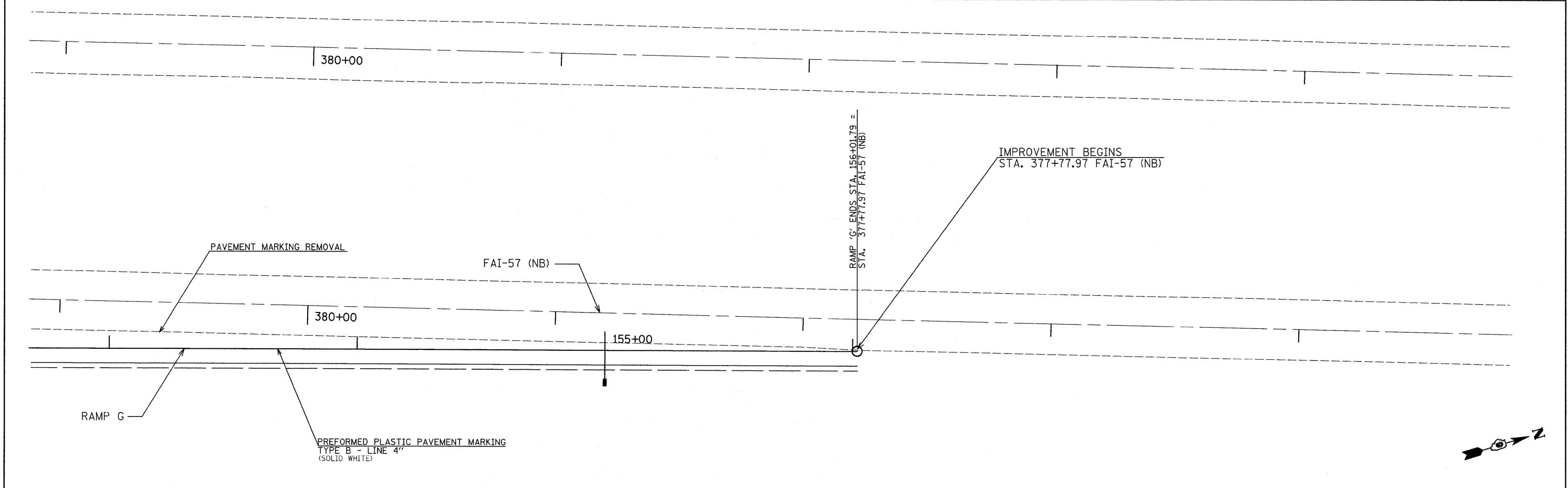
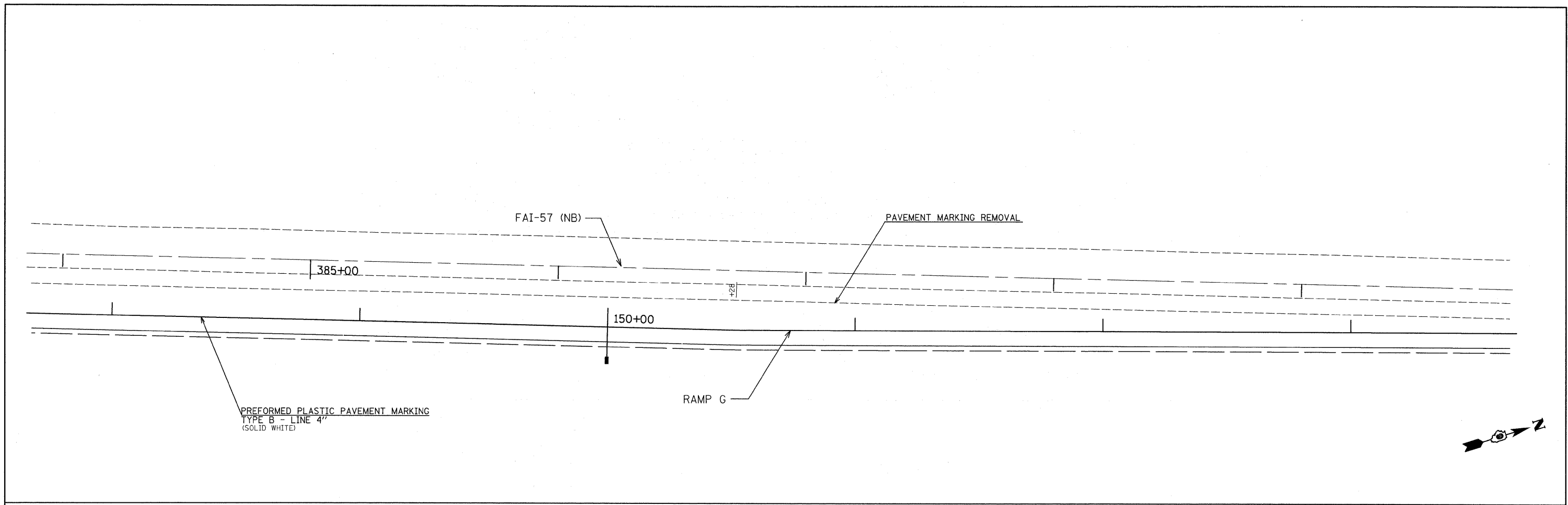
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\$FILEL*		DRAWN -	REVISED -			*	(X1-6-2K-1)(1X-1R-4)	WILLIAMSON	194	105
	PLOT SCALE = \$SCALE*	CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
	PLOT DATE = \$DATE*	DATE -	REVISED -			SCALE: 1" = 20'		SHEET NO. 4 OF 7 SHEETS		STA. 118+00.00 TO STA. 128+00.00



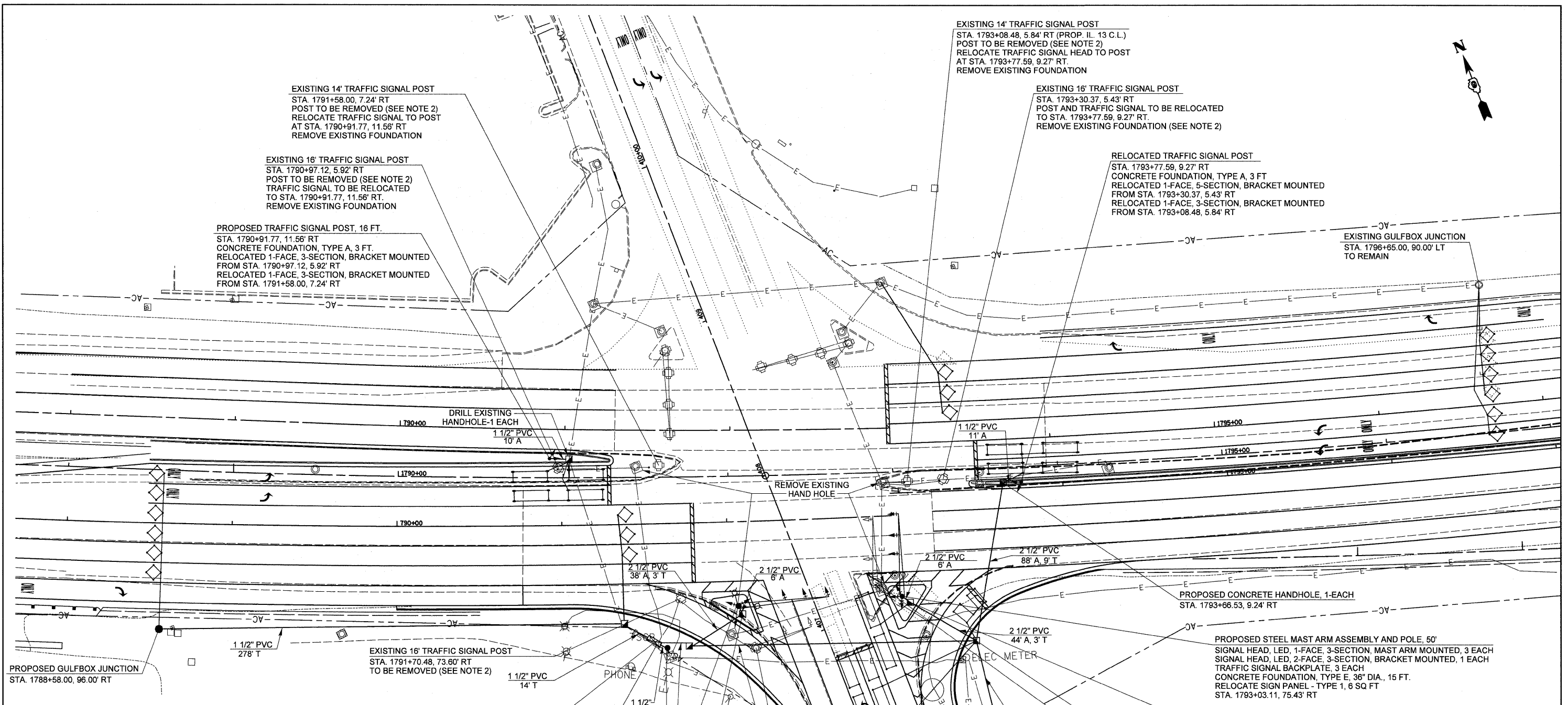
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#FILE#		DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 5 OF 7 SHEETS	STA. 128+00.00 TO STA. 138+00.00	*	(X1-6-2K-1;1X-1R-4)	WILLIAMSON	194	106	
		PLOT SCALE = #SCALE#	REVISED -					*	I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194
		PLOT DATE = #DATE#	REVISED -										ILLINOIS FED. AID PROJECT



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G PAVEMENT MARKING	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 1" = 20'	SHEET NO. 6 OF 7 SHEETS	STA. 138+00.00 TO STA. 148+00.00			



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	PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -			*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	108	
	PLOT DATE = \$DATE\$	CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 20'	SHEET NO. 7 OF 7 SHEETS		STA. 148+00.00 TO STA. 156+01.79			



- NOTES:**
- CONDUIT PAID FOR AS TRENCHED MAY, AT THE CONTRACTOR'S OPTION, BE AUGERED. THE CONDUIT WILL BE PAID FOR AT THE TRENCHED UNIT PRICE.
 - THE PAY ITEM FOR REMOVAL OF EXISTING SIGNAL SYSTEM SHALL INCLUDE ALL WORK NECESSARY FOR THE REMOVAL OF THE FOLLOWING ITEMS.
 - 1. FULL ACTUATED CONTROLLER IN TY. V CABINET.
 - 2. UNINTERRUPTABLE POWER SUPPLY
 - 3. DRILL EXISTING FOUNDATION (1 EA.)
 - 4. SERVICE INSTALLATION TY. A (MODIFIED)
 - 5. MASTER CONTROLLER (SPECIAL)
 - STATION OF IMPROVEMENTS ARE BASED ON THE CENTERLINE OF IL 13
- | | |
|--|--|
| MAST ARM ASSEMBLY AND POLE AND FOUNDATIONS | STA. 1792+14.91, 104.17' RT
STA. 1792+87.30, 66.29' RT |
| 14' TRAFFIC SIGNAL POST AND FOUNDATIONS | STA. 1791+58.00, 7.24' RT
STA. 1793+08.48, 5.84' RT |
| 16' TRAFFIC SIGNAL POST AND FOUNDATIONS | STA. 1790+97.12, 5.92' RT
STA. 1791+70.48, 73.60' RT |
| 3 SIGNAL HEADS | STA. 1792+14.91, 104.17' RT |
| 4 SIGNAL HEADS | STA. 1792+87.30, 66.29' RT
STA. 1793+30.37, 5.43' RT |
| HANDHOLES | STA. 1791+44.05, 6.70' LT
STA. 1792+00.77, 95.86' RT
STA. 1792+94.22, 6.28' RT
STA. 1792+90.84, 71.23' RT |
| FOUNDATION | STA. 1793+30.37, 5.43' RT |

- | | |
|--|--|
| MAST ARM ASSEMBLY AND POLE AND FOUNDATIONS | STA. 1792+14.91, 104.17' RT
STA. 1792+87.30, 66.29' RT |
| 14' TRAFFIC SIGNAL POST AND FOUNDATIONS | STA. 1791+58.00, 7.24' RT
STA. 1793+08.48, 5.84' RT |
| 16' TRAFFIC SIGNAL POST AND FOUNDATIONS | STA. 1790+97.12, 5.92' RT
STA. 1791+70.48, 73.60' RT |
| 3 SIGNAL HEADS | STA. 1792+14.91, 104.17' RT |
| 4 SIGNAL HEADS | STA. 1792+87.30, 66.29' RT
STA. 1793+30.37, 5.43' RT |
| HANDHOLES | STA. 1791+44.05, 6.70' LT
STA. 1792+00.77, 95.86' RT
STA. 1792+94.22, 6.28' RT
STA. 1792+90.84, 71.23' RT |
| FOUNDATION | STA. 1793+30.37, 5.43' RT |
- PROPOSED CONCRETE HANDHOLE, 1-EACH
 STA. 1792+07.27, 83.59' RT
- EXISTING MAST ARM AND POLE TO BE REMOVED
 (SEE NOTE 2) STA. 1792+14.91, 104.17' RT
 REMOVE EXISTING FOUNDATION

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

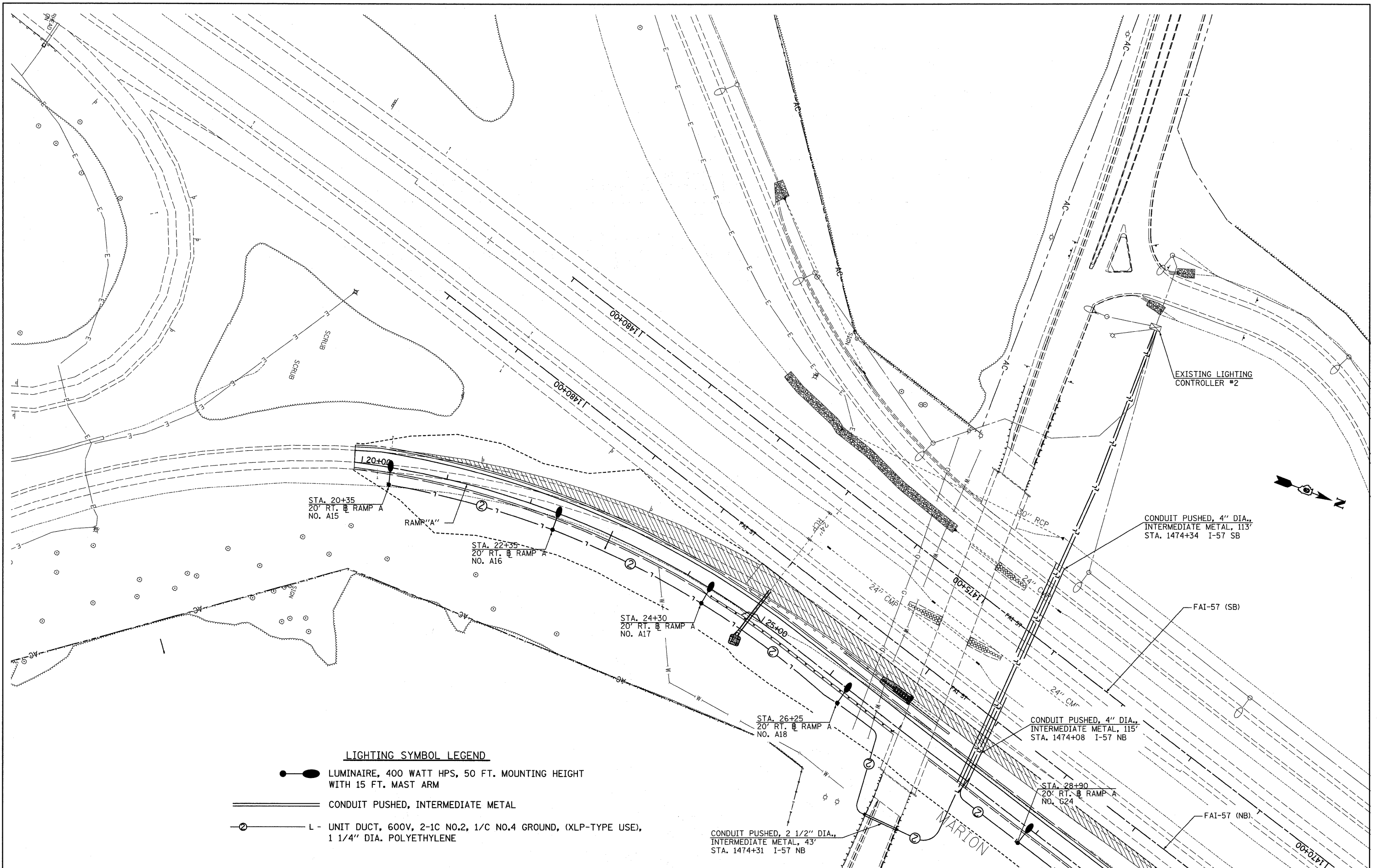
HALFWAY ROAD PROPOSED TRAFFIC SIGNALS			
SCALE: 1"=30'	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	109
* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS

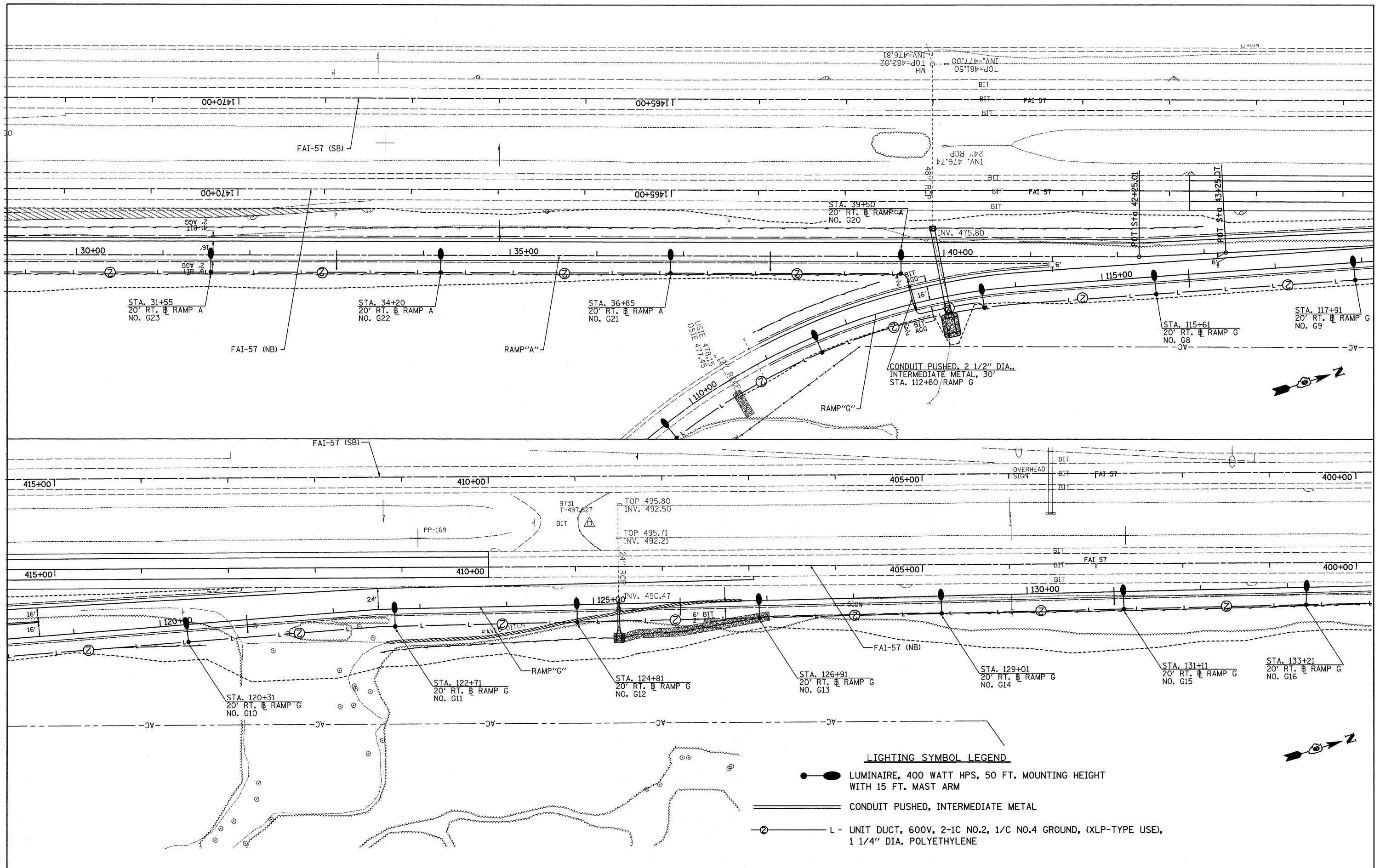
PAY ITEM	DESCRIPTION	UNIT	QUANTITY TOTALS
80300100	LOCATING UNDERGROUND CABLE	FOOT	390
81020600	CONDUIT PUSHED, 2 1/2" DIA., INTERMEDIATE METAL	FOOT	73
81020900	CONDUIT PUSHED, 4" DIA., INTERMEDIATE METAL	FOOT	228
81603070	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	7600
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6660
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT 400 WATT	EACH	28
83010600	LIGHT POLE, ALUMINUM, 50 FT. MH, 15 FT. MAST ARM	EACH	28
83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8"X8'	EACH	28
83800650	BREAKWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	112

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING BILL OF MATERIALS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = #DATE#	DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



- LIGHTING SYMBOL LEGEND**
- LUMINAIRE, 400 WATT HPS, 50 FT. MOUNTING HEIGHT WITH 15 FT. MAST ARM
 - CONDUIT PUSHED, INTERMEDIATE METAL
 - L - UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING PLAN RAMP G		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	* (X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	112
		PLOT SCALE = #SCALE#	REVISED -						* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
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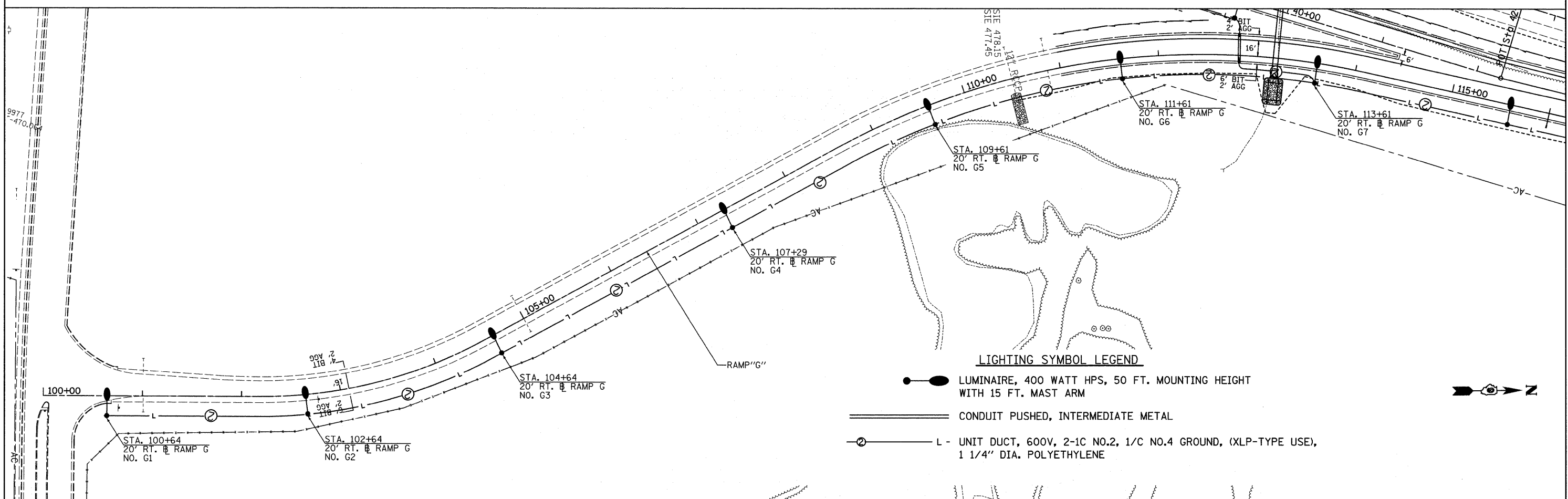
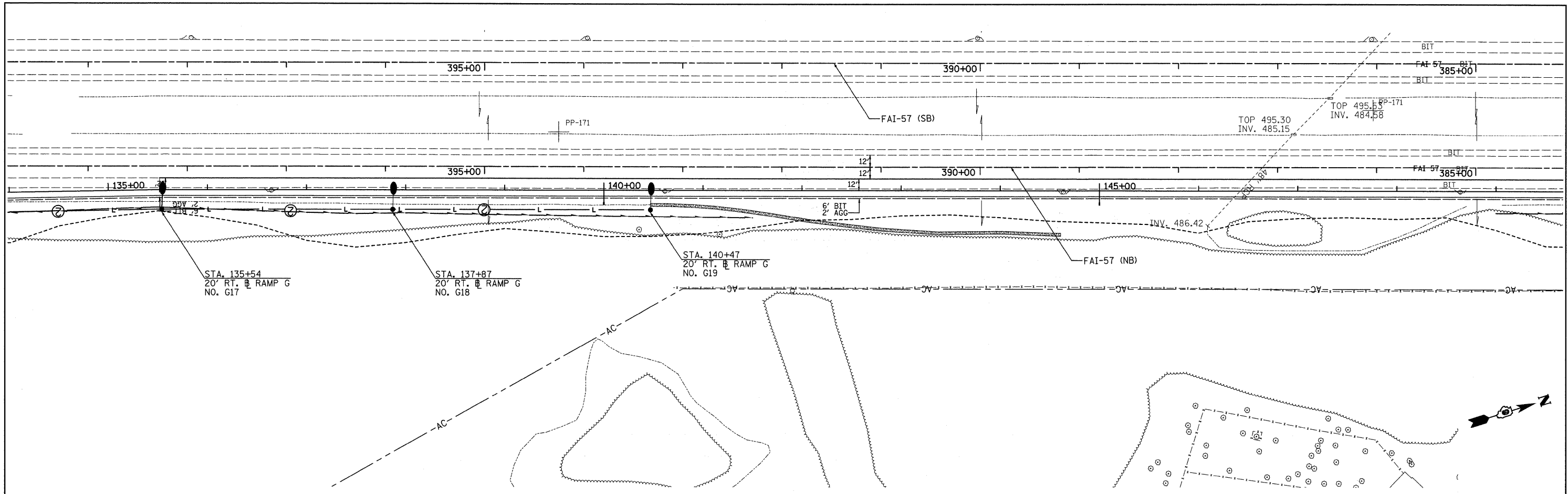
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN RAMP G

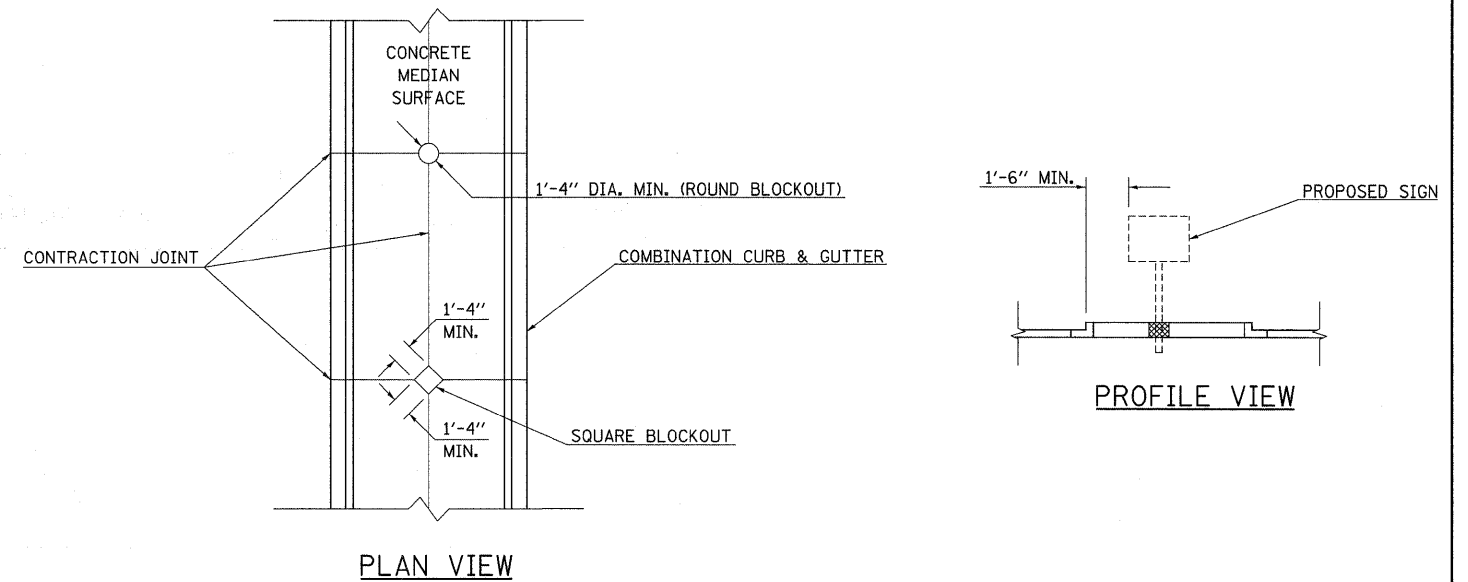
SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	113
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = #DATE#	CHECKED -	REVISED -						* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT			

SIGN POST BLOCKOUT



REVISIONS	
DRAWN	4-5-99
REVISED	
REVISED	
REVISED	

STD. 9-107

DETAIL OF DETECTOR LOOPS

NOTES

(APPLIES TO 6' x 6' LOOPS ONLY)

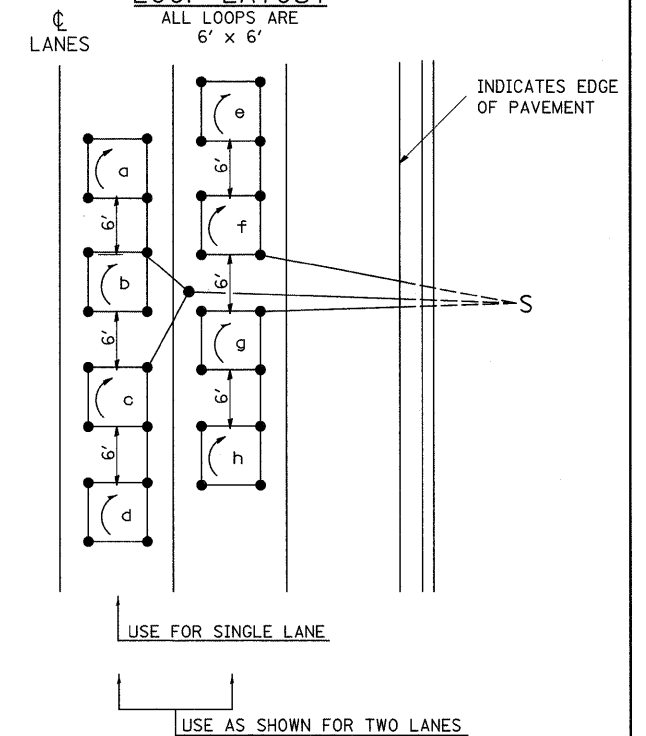
1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

LOOP LEGEND

- CLOCKWISE ROTATION FOR LOOP WIRES
- INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL

LOOP LAYOUT

ALL LOOPS ARE 6' x 6'



DETAIL 6' x 6' DETECTOR LOOPS

STD. 9-92

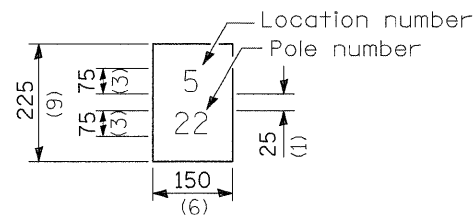
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REDRAWN	5-13-02
REVISED	10-26-05
REVISED	
REVISED	

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	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS:			
SIGN POST BLOCKOUT; DETECTOR LOOPS			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	115
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
ILLINOIS FED. AID PROJECT				



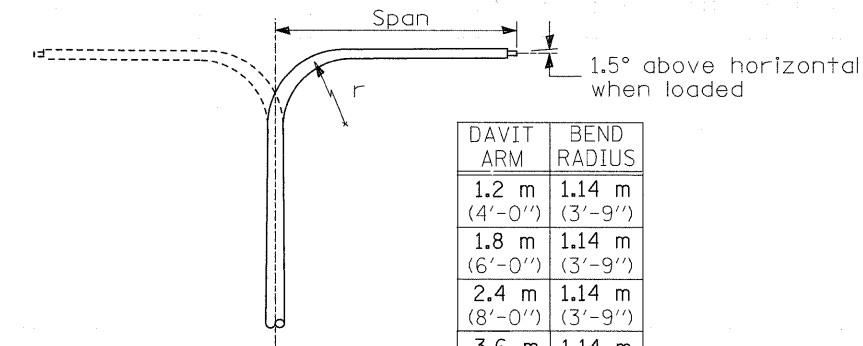
The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

The light pole identification shall be applied to sign base material as specified in section 1069.06 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 720001.

TWIN TENON

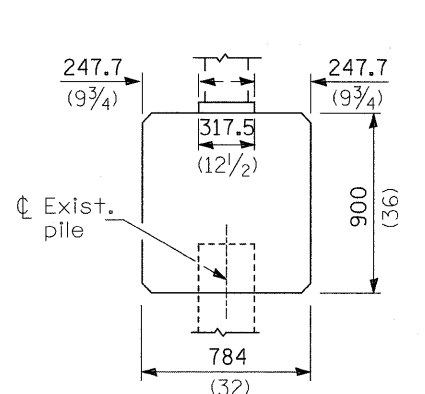
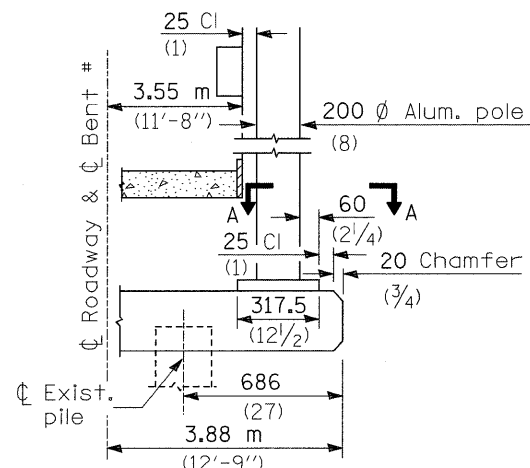
TENON MOUNT BRACKET ARM

NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.

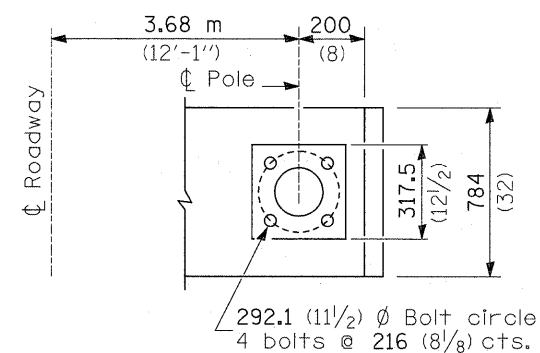


DAVIT ARM

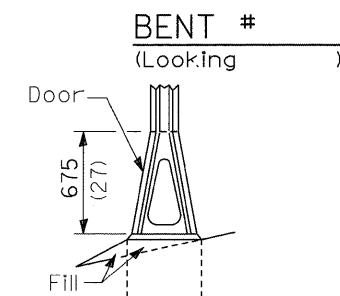
DAVIT ARM-TWIN



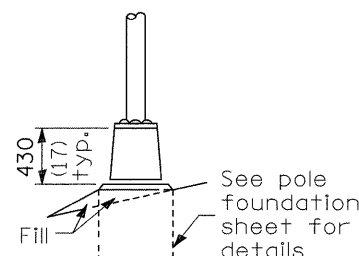
BRIDGE PIER MOUNT



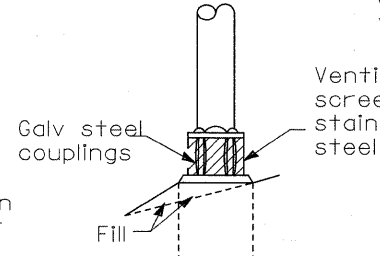
SECTION A-A



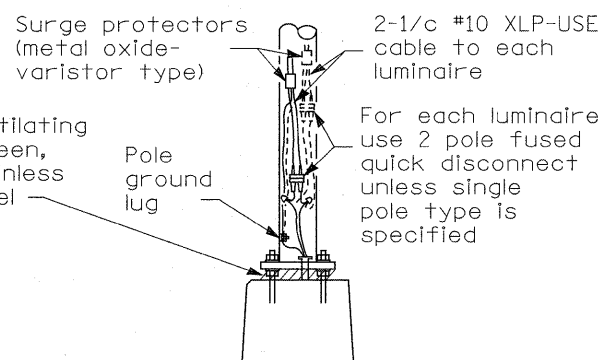
STAINLESS STEEL FLAIR BASE



TRANSFORMER BASE



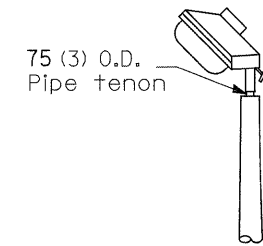
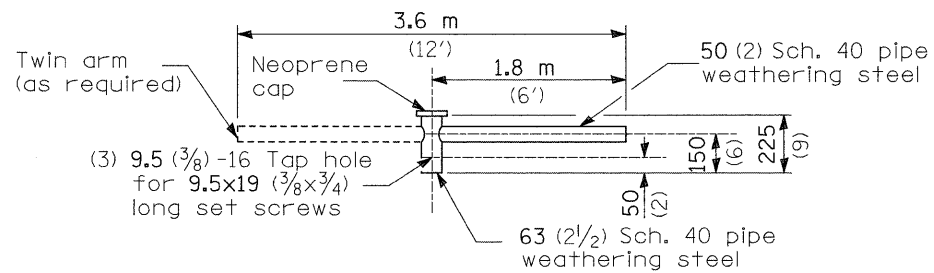
BREAKAWAY COUPLING



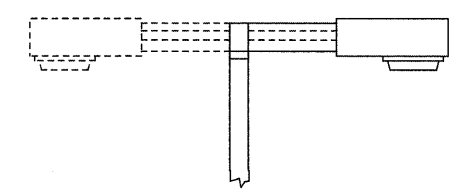
ANCHOR

METAL OR CONCRETE

Details for underground distribution if required

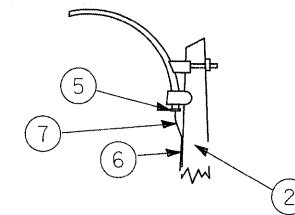


TENON

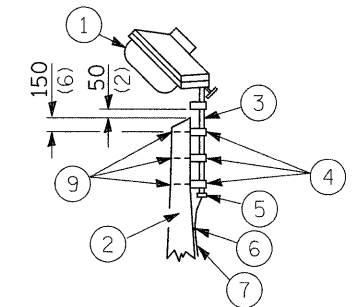


SHORT BRACKET

SHORT BRACKET - TWIN

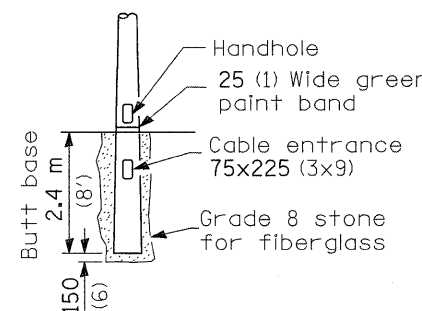


MAST ARM

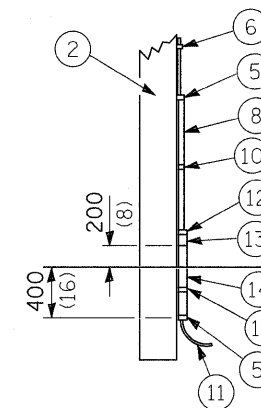


TENON

- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



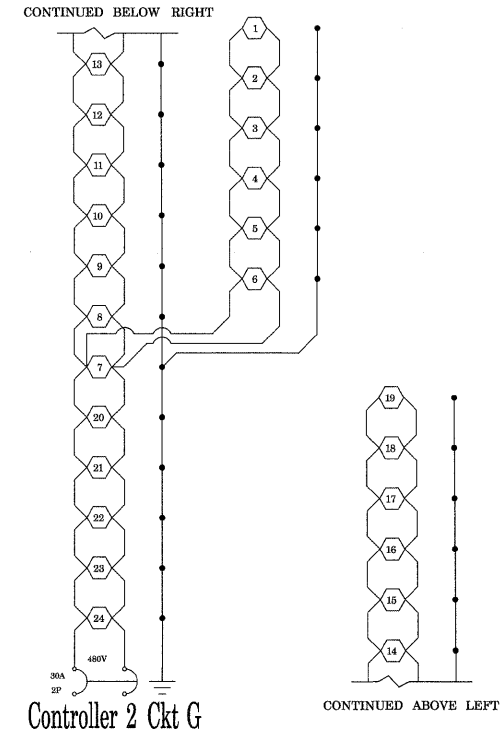
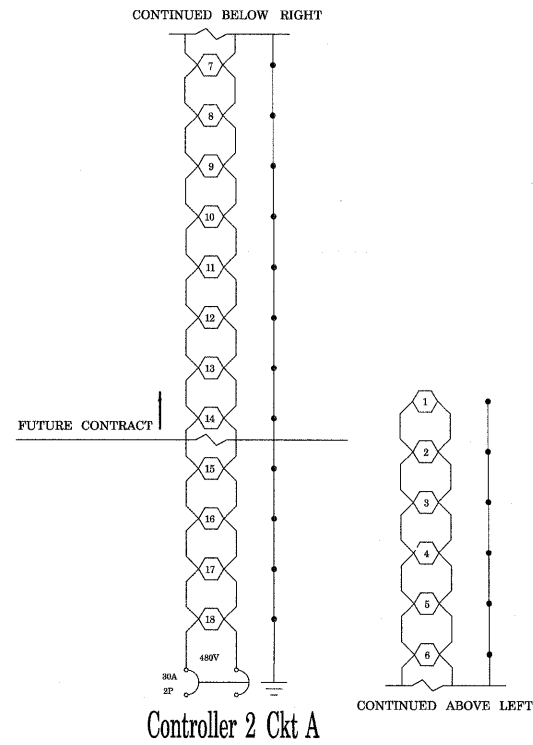
BUTT BASE



POLE, WOOD

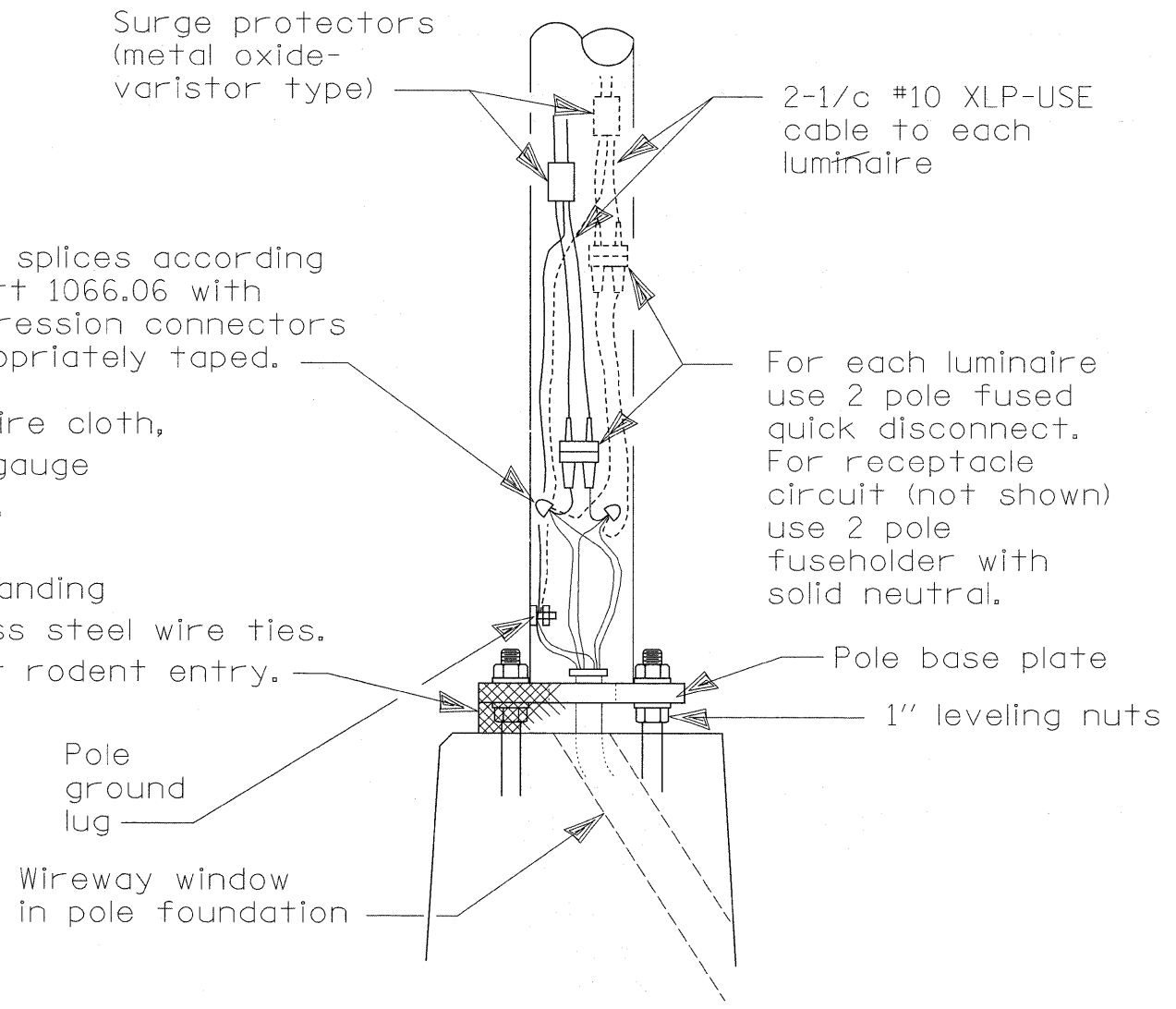
POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

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



 400W ROADWAY LUMINAIRE

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: CIRCUIT DIAGRAM			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: none	SHEET NO.	OF	SHEETS	STA.	TO STA.	* (X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	117
	PLOT DATE = #DATE#	CHECKED -	REVISED -								* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT			



Stainless steel standard grade wire cloth, 6x6 (1/4") mesh or less with #16 gauge (0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding or tie back on itself with stainless steel wire ties. Finished installation must prevent rodent entry.

Cable splices according to Art 1066.06 with compression connectors appropriately taped.

2-1/2 #10 XLP-USE cable to each luminaire

For each luminaire use 2 pole fused quick disconnect. For receptacle circuit (not shown) use 2 pole fuseholder with solid neutral.

Pole base plate

1" leveling nuts

Pole ground lug

Wireway window in pole foundation

WIRING DETAIL

GENERAL NOTES

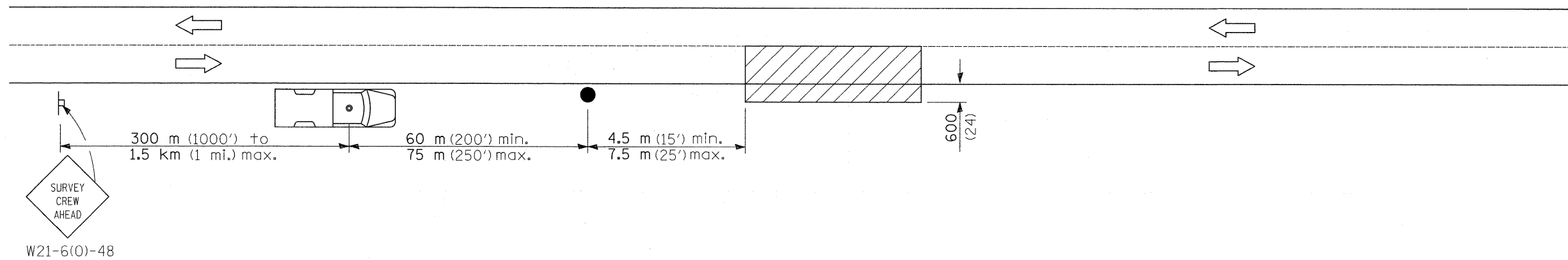
All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engineer.

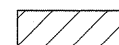
For example purposes the pole is shown on an anchor base. If the pole is required to be set on a breakaway base, consult the Standard Specifications.

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

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED - Updated 7/31/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: POLE HANDHOLE WIRING	F.A. RTE. * * I-57/IL 13 (FAI 57/FAP 331)	SECTION OX1-6-2K-1(K1X-1DR-4)	COUNTY WILLIAMSON	TOTAL SHEETS 194	SHEET NO. 118	CONTRACT NO. 78194
	PLOT SCALE = #SCALE#	CHECKED -	REVISIED -		SCALE: none	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE = #DATE#	DATE -	REVISIED -								



SYMBOLS



Work area



Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers



Flagger with traffic control sign

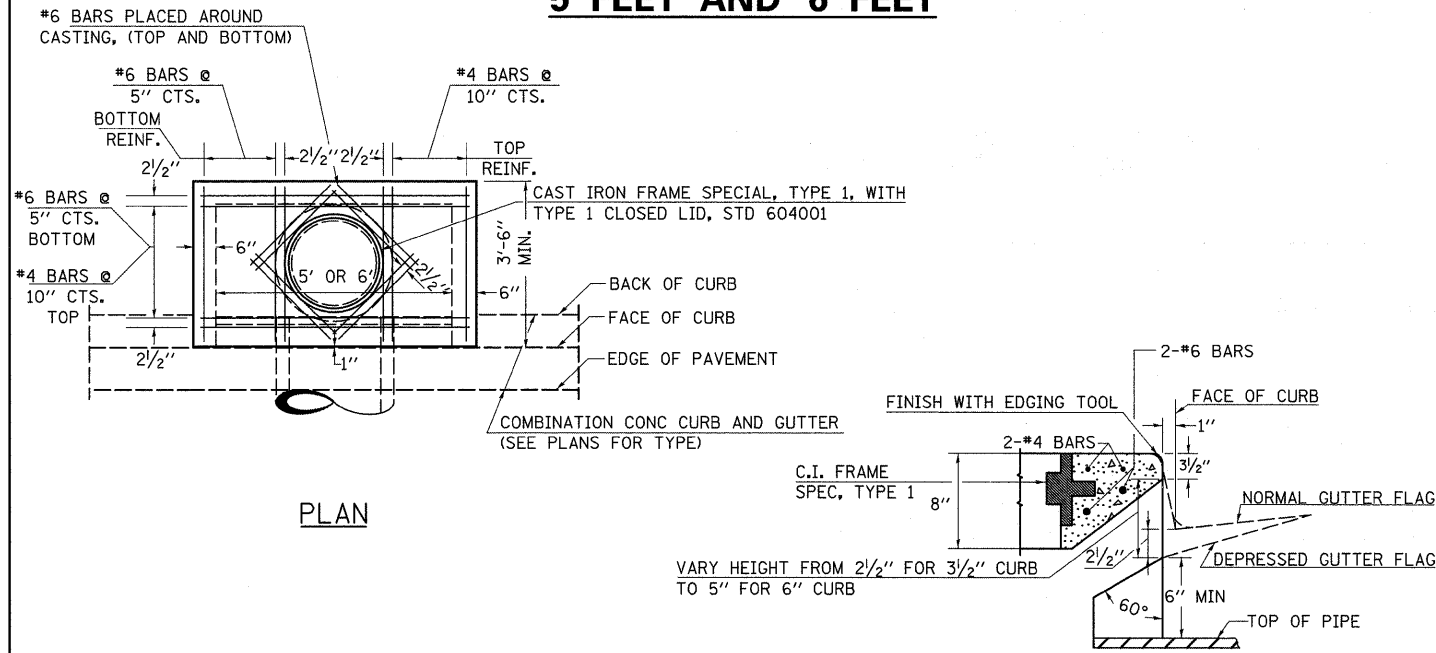
TYPICAL APPLICATIONS

Utility operations

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

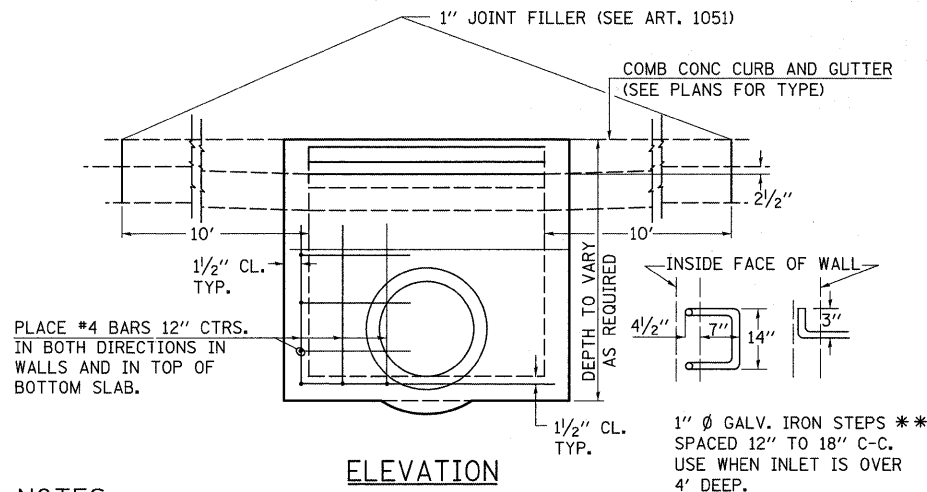
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: NIGHTTIME LIGHTING INSPECTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
#FILEL#		DRAWN -	REVISED -		SCALE: none	SHEET NO.	OF	SHEETS	STA.	TO STA.	*	(X1-6-2K-1(1X-1)R-4	WILLIAMSON	194	119
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -								*	I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
	PLOT DATE = #DATE#	DATE -	REVISED -									ILLINOIS	FED. AID PROJECT		

DETAILS OF INLET SPECIAL, TYPE 3, 5 FEET AND 6 FEET



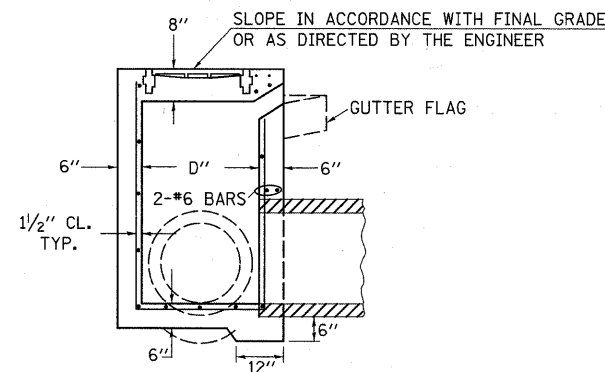
PLAN

SECTION AT WEIR



ELEVATION

DESIGN	PIPE DIA	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



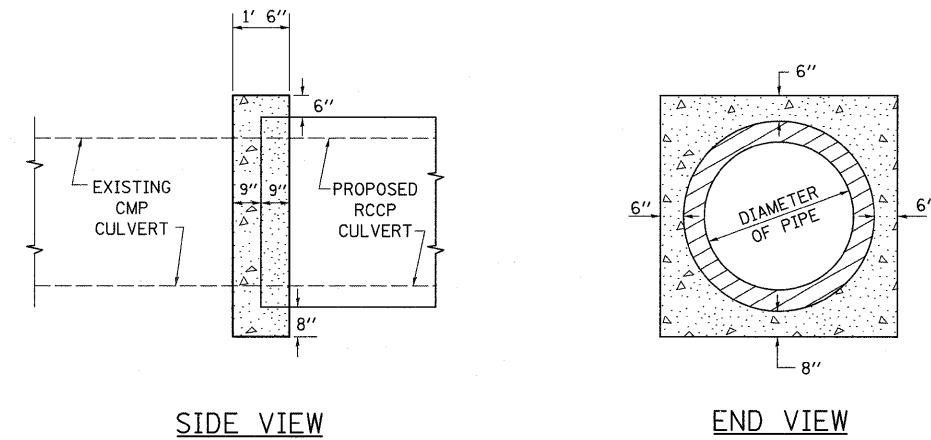
SECTION

NOTE TO DESIGNER:

WHEN USING THIS STANDARD THE DESIGNER SHOULD ALSO CHECK BDE SPECIAL PROVISION 419 "PRECAST CONCRETE PRODUCTS".

REVISIONS	
REDESIGNED	2-15-89
REVISED	8-15-94
REVISED	1-19-99
REVISED	5-6-04

DETAILS OF CONCRETE COLLAR FOR PIPE CULVERT



SIDE VIEW

END VIEW

QUANTITY ONE COLLAR

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

TO BE USED:

NOTES:

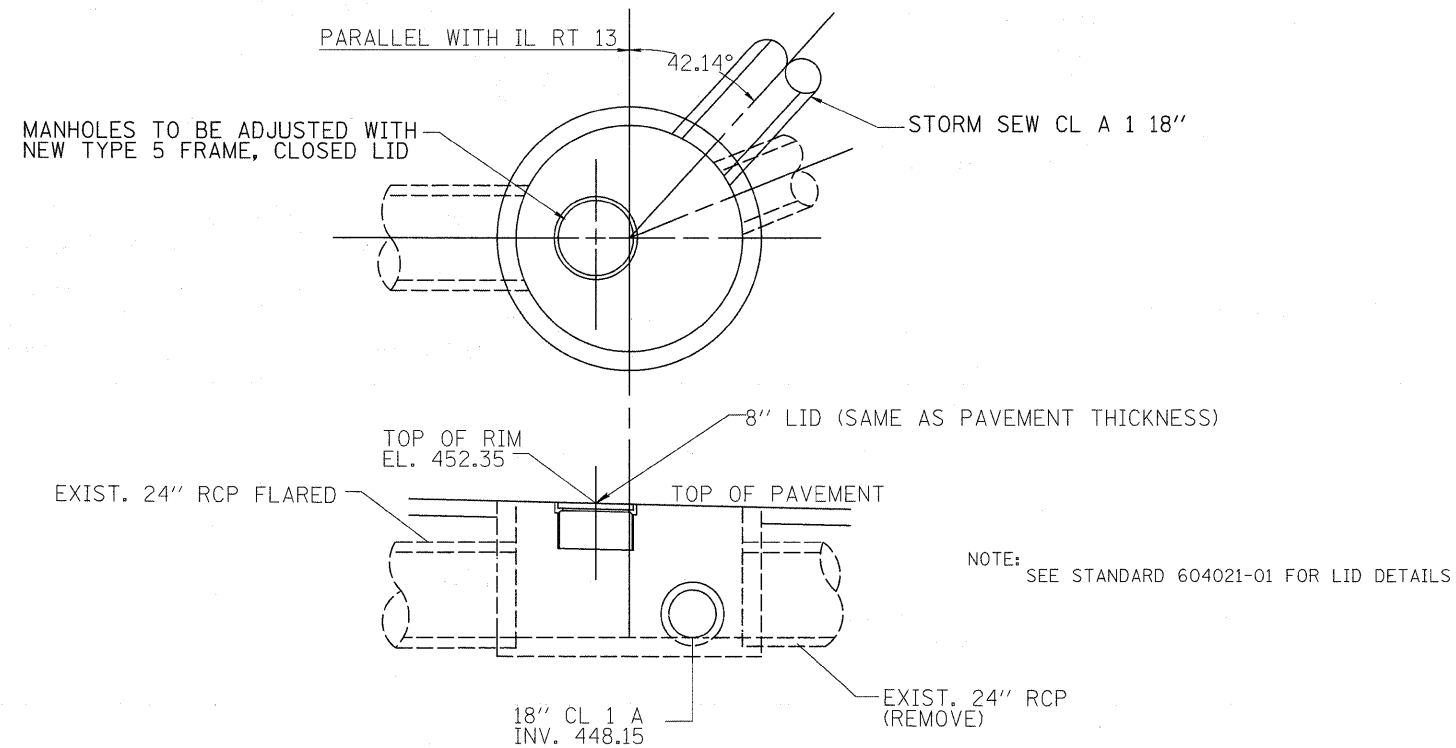
PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

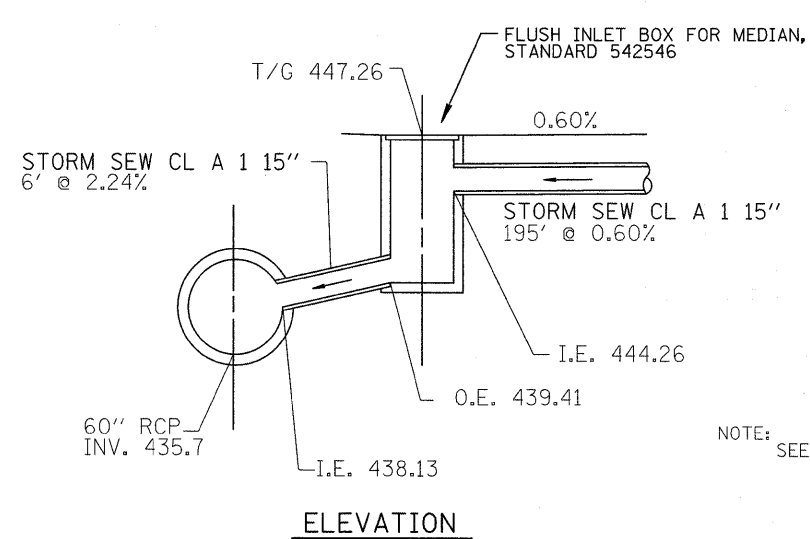
INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLET, SPECIAL, TYPE 3, 5 FEET OR INLET, SPECIAL, TYPE 3, 6 FEET WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

**THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN. MAY BE USED WHEN APPROVED BY THE ENGINEER.

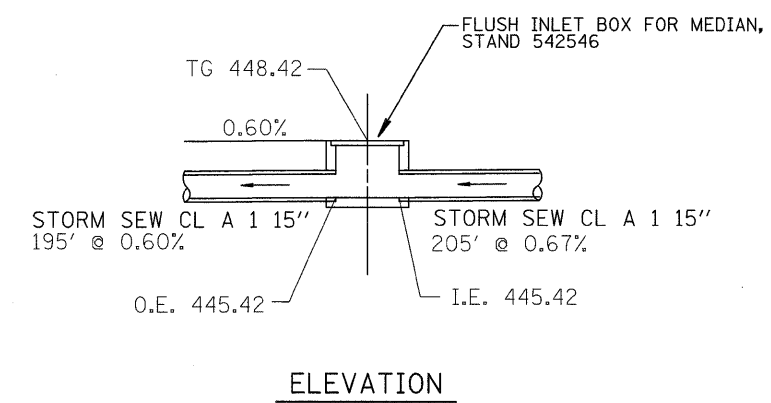
IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".



(51)
 DETAIL OF DRAINAGE STRUCTURE FOR
 RT. STA. 407+15 HALFWAY RD.

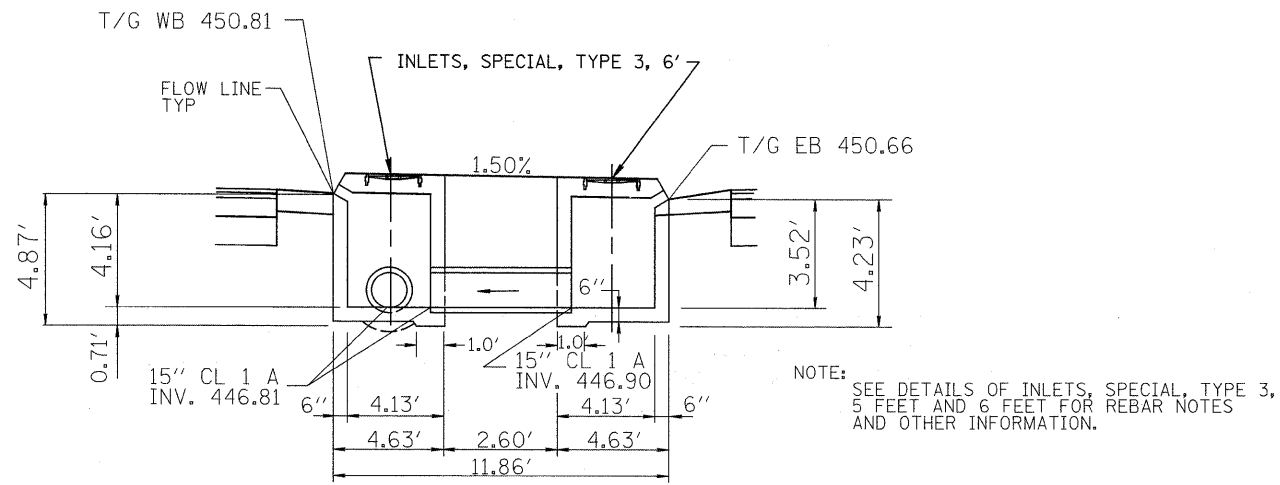


(18)
 DETAIL OF DRAINAGE STRUCTURE FOR
 LT. STA. 784+40.97 & LT. STA. 784+51.35 IL 13 (EB)

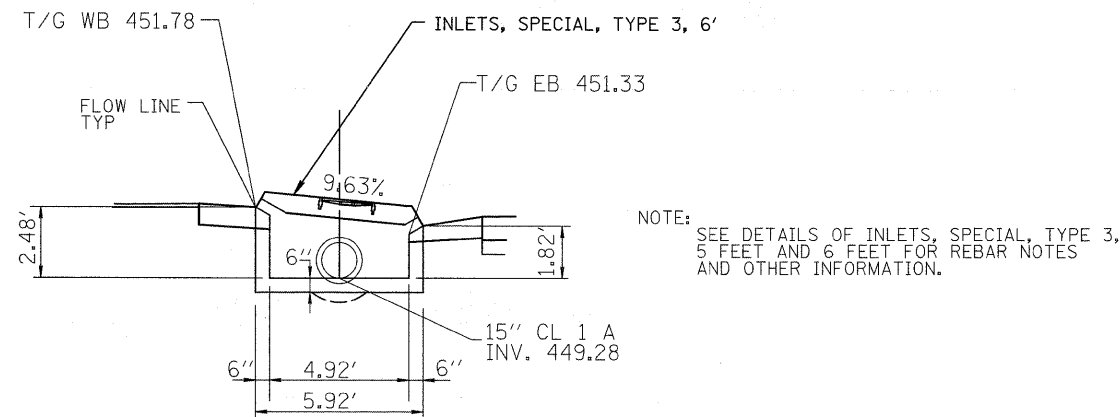


(19)
 DETAIL OF DRAINAGE STRUCTURE FOR
 LT. STA. 786+49.57 IL 13 (EB)

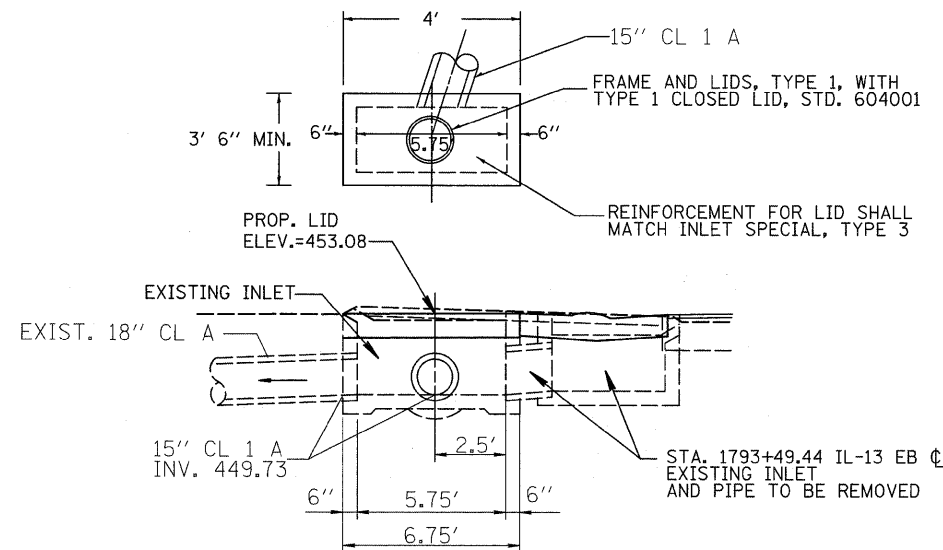
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: DRAINAGE STRUCTURE FOR 784 + 40.97 IL 13, 784 + 51.35 IL 13, 786 + 49.57 IL 13, 407 + 15.00 HALFWAY RD/IL 13 MEDIAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN -	REVISED -					*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	121
	PLOT DATE = #DATE#	CHECKED -	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.			* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



20 DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 788+55.05 IL 13 (EB)



21 DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 790+96.27 IL 13 (EB)



23 24 DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 1793+49.78 IL 13 (EB)

NOTES:

PROVIDE 1/2\"/>

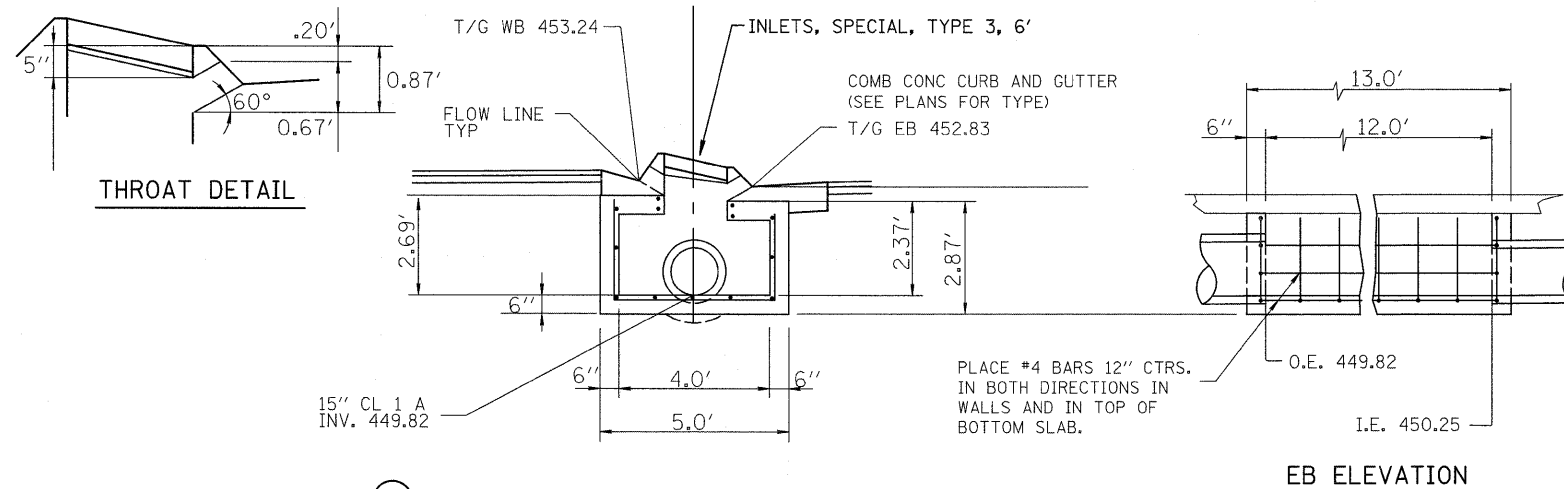
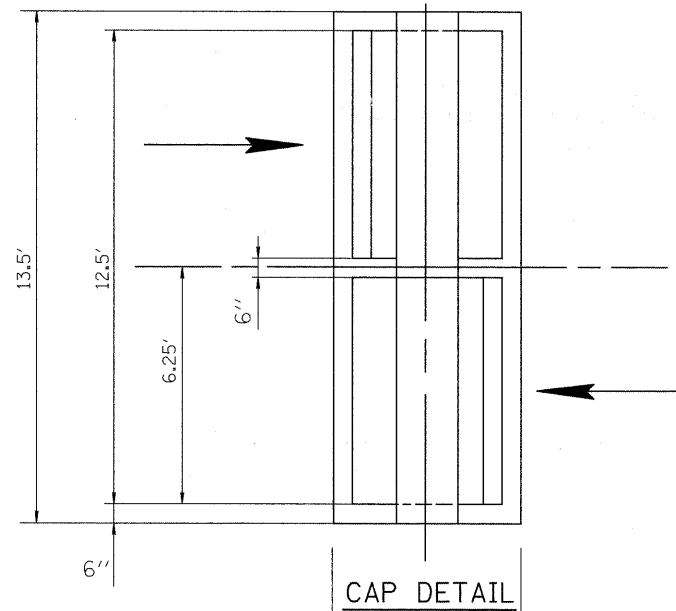
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

EXISTING INLETS TO BE MODIFIED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID.

PRECAST INLET LIDS MAY BE USED IN CONJUNCTION WITH CAST IN PLACE WALLS WHEN APPROVED BY THE ENGINEER.

REMOVAL ELEVATION SHALL BE DETERMINED BY THE ENGINEER ON AN INDIVIDUAL BASIS FOR EACH INLET TO BE MODIFIED GIVEN THE PROPOSED LID ELEVATIONS AND CONDITION OF EXISTING WALLS.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: DRAINAGE STRUCTURE FOR 1793+49.78 IL 13, 790+96.27 IL 13, 788+55.05 IL 13			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	122
	PLOT DATE = #DATE#	CHECKED -	REVISED -								*	I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO.	78194	
		DATE -	REVISED -									ILLINOIS	FED. AID PROJECT		



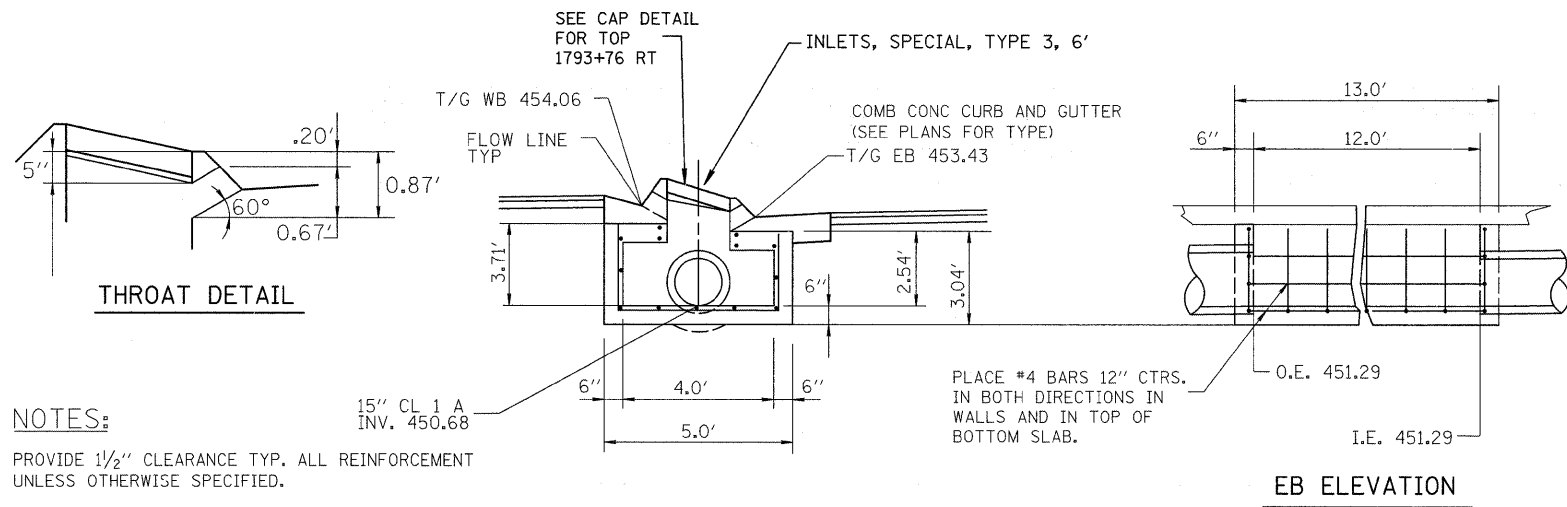
25 DETAIL OF DRAINAGE STRUCTURE FOR
LT. STA. 1793+73.20 IL 13 (EB)

NOTES:

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.
CLASS SI CONCRETE SHALL BE USED THROUGHOUT. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

NOTE: SEE DETAILS OF INLETS, SPECIAL, TYPE 3, 5 FEET AND 6 FEET FOR REBAR NOTES AND OTHER INFORMATION.

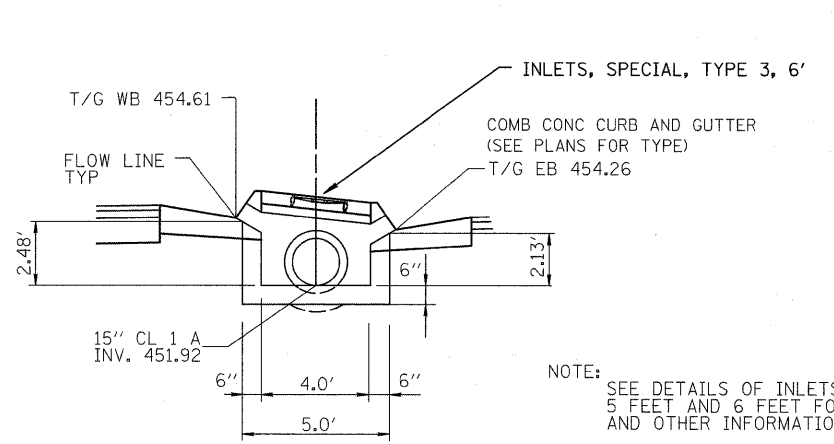
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: DRAINAGE STRUCTURE FOR 1793 + 73.20 IL 13			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					* (X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	123	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.			* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
	PLOT DATE = #DATE#	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



NOTES:
 PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.
 CLASS SI CONCRETE SHALL BE USED THROUGHOUT. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

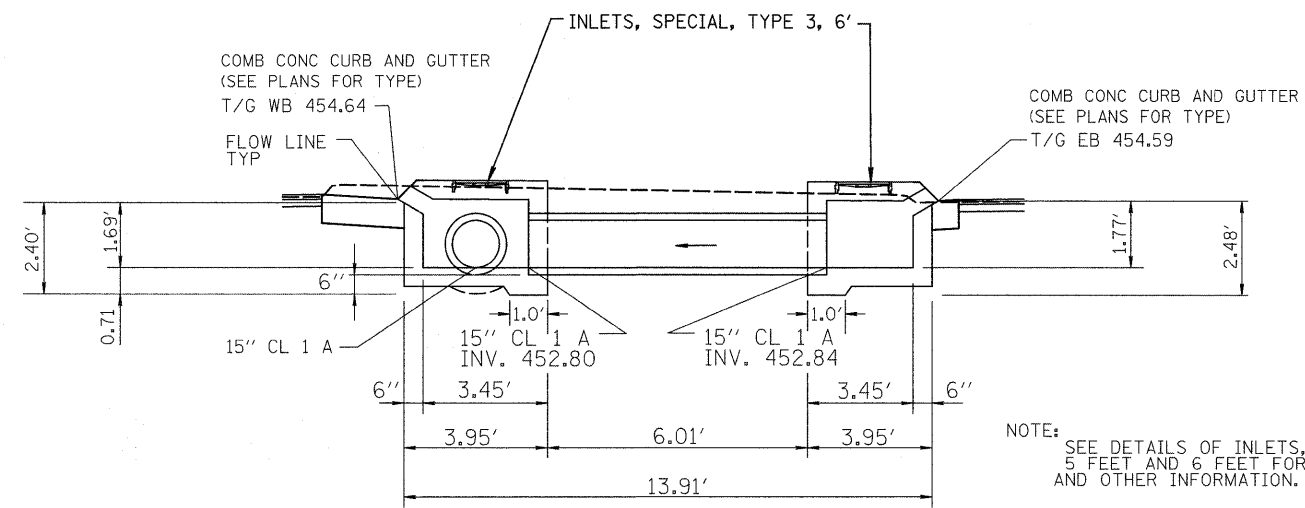
NOTE: SEE DETAILS OF INLETS, SPECIAL, TYPE 3, 5 FEET AND 6 FEET FOR REBAR NOTES AND OTHER INFORMATION.

26 DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 1795+44.83 IL 13 (EB)



NOTE: SEE DETAILS OF INLETS, SPECIAL, TYPE 3, 5 FEET AND 6 FEET FOR REBAR NOTES AND OTHER INFORMATION.

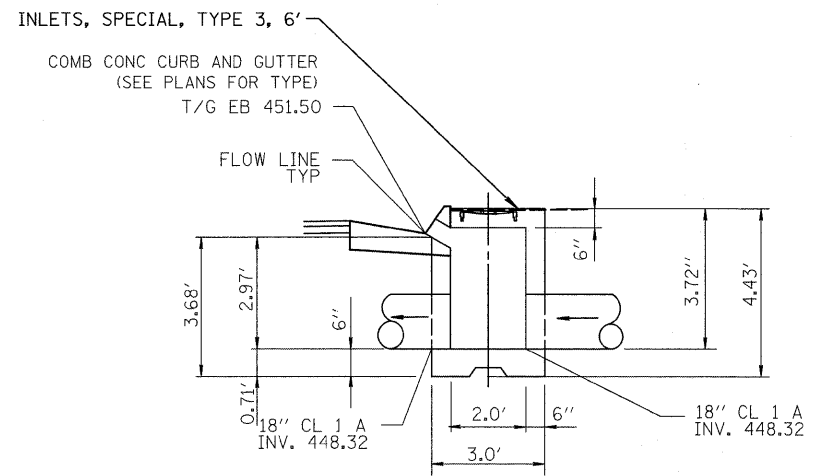
27 DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 1797+95.13 IL 13 (EB)



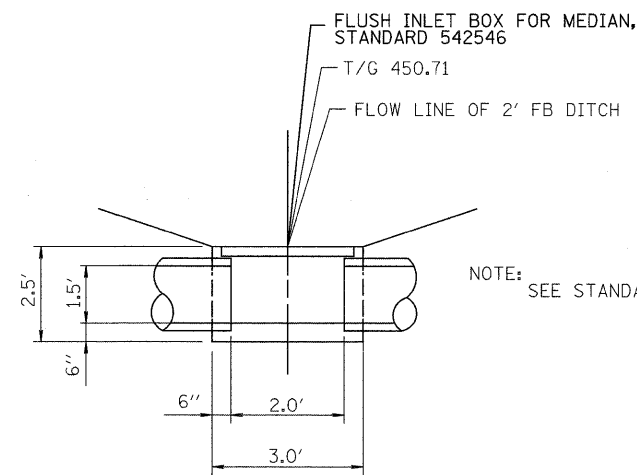
NOTE: SEE DETAILS OF INLETS, SPECIAL, TYPE 3, 5 FEET AND 6 FEET FOR REBAR NOTES AND OTHER INFORMATION.

28 DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 1799+04.82 IL 13 (EB)

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: DRAINAGE STRUCTURE FOR 1797 + 95.13 IL 13 1795 + 44.83 IL 13			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	* (X1-6-2K-1(1X-1)R-4	194	124
		CHECKED -	REVISED -								* I-57/IL 13 (FAI 57/FAP 331)		
		DATE -	REVISED -								WILLIAMSON		
											CONTRACT NO. 78194		
											[ILLINOIS] FED. AID PROJECT		

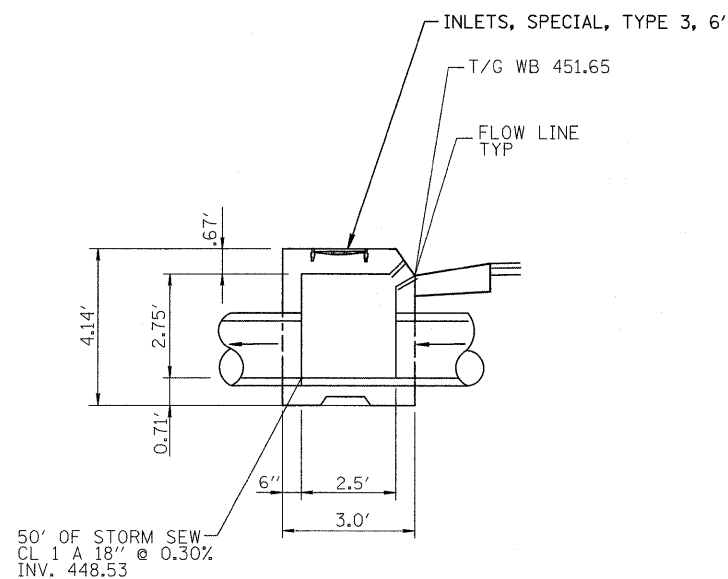


52) DETAIL OF DRAINAGE STRUCTURE FOR RT. STA. 406+63.79 HALFWAY RD.

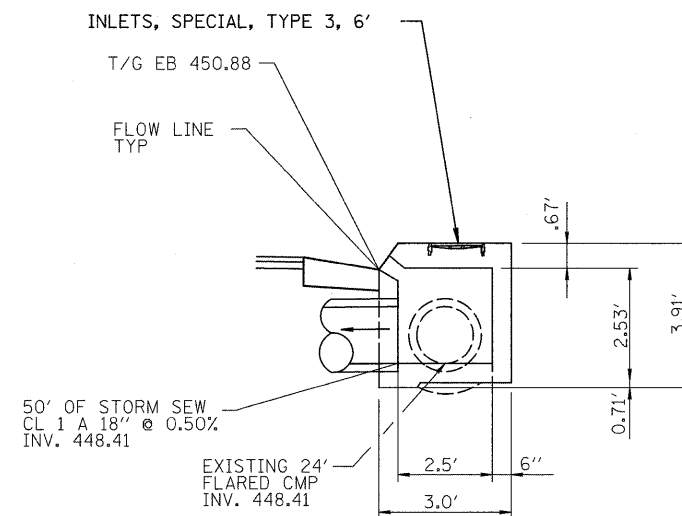


53) DETAIL OF DRAINAGE STRUCTURE FOR RT. STA. 406+45 HALFWAY RD.

NOTE: SEE DETAILS OF INLETS, SPECIAL, TYPE 3, 5 FEET AND 6 FEET FOR REBAR NOTES AND OTHER INFORMATION.

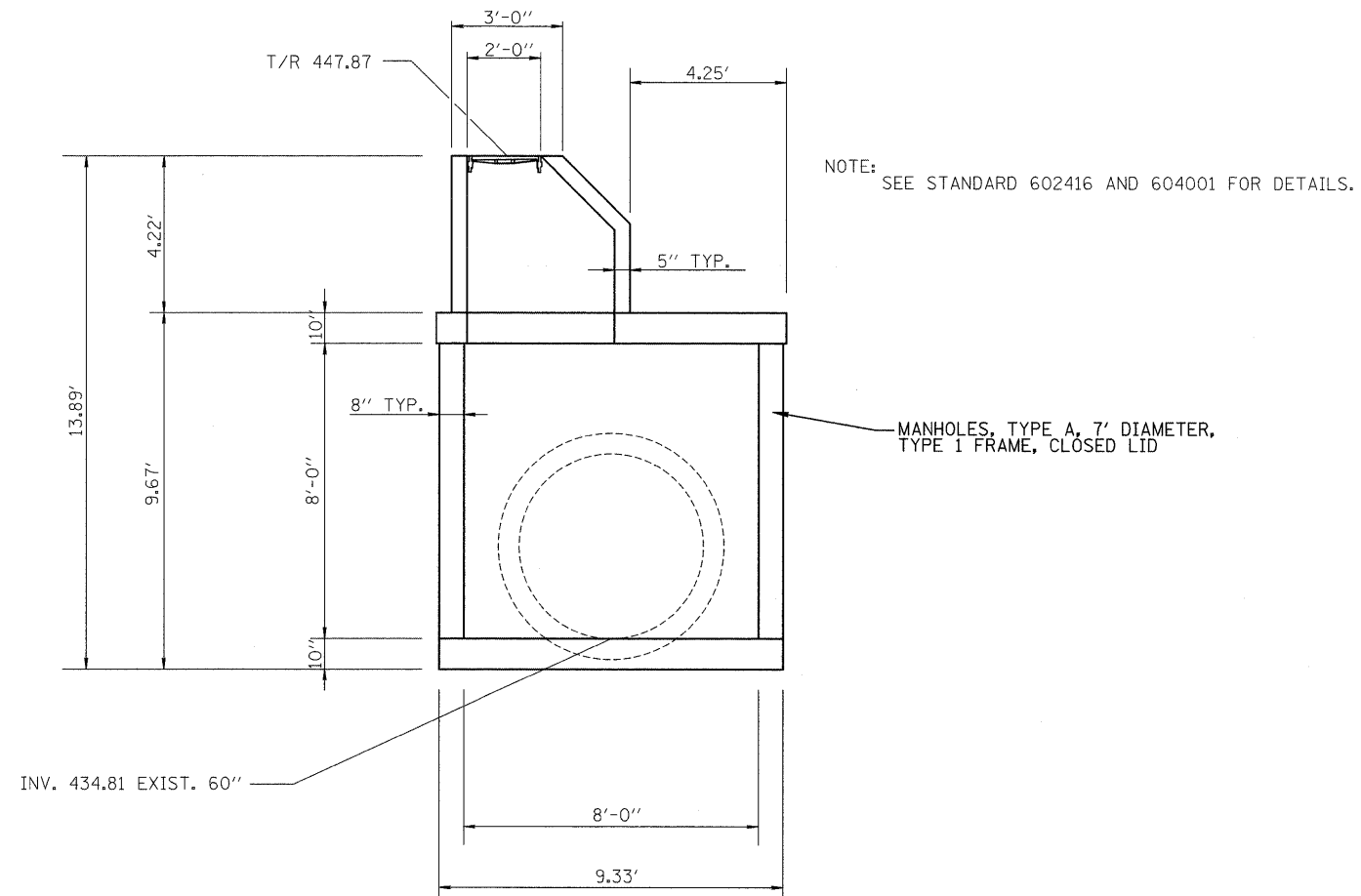


54) DETAIL OF DRAINAGE STRUCTURE FOR LT. STA. 00+74.95 FRONTAGE RD.

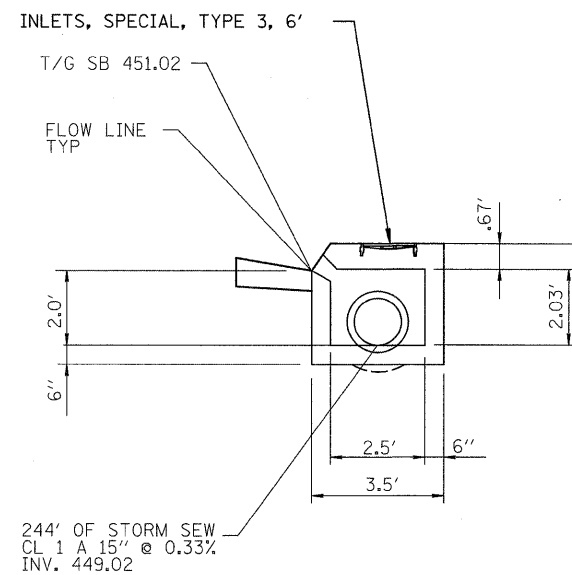


56) DETAIL OF DRAINAGE STRUCTURE FOR RT. STA. 00+66.52 FRONTAGE RD.

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: DRAINAGE STRUCTURE FOR 00+72.52 FRONTAGE RD., 00+65.15 FRONTAGE RD., 406+45.00 HALFWAY RD., 406+64.50 HALFWAY RD.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	PLOT SCALE = #SCALE#	DRAWN -	REVISED -			*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	125	
	PLOT DATE = #DATE#	CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.				



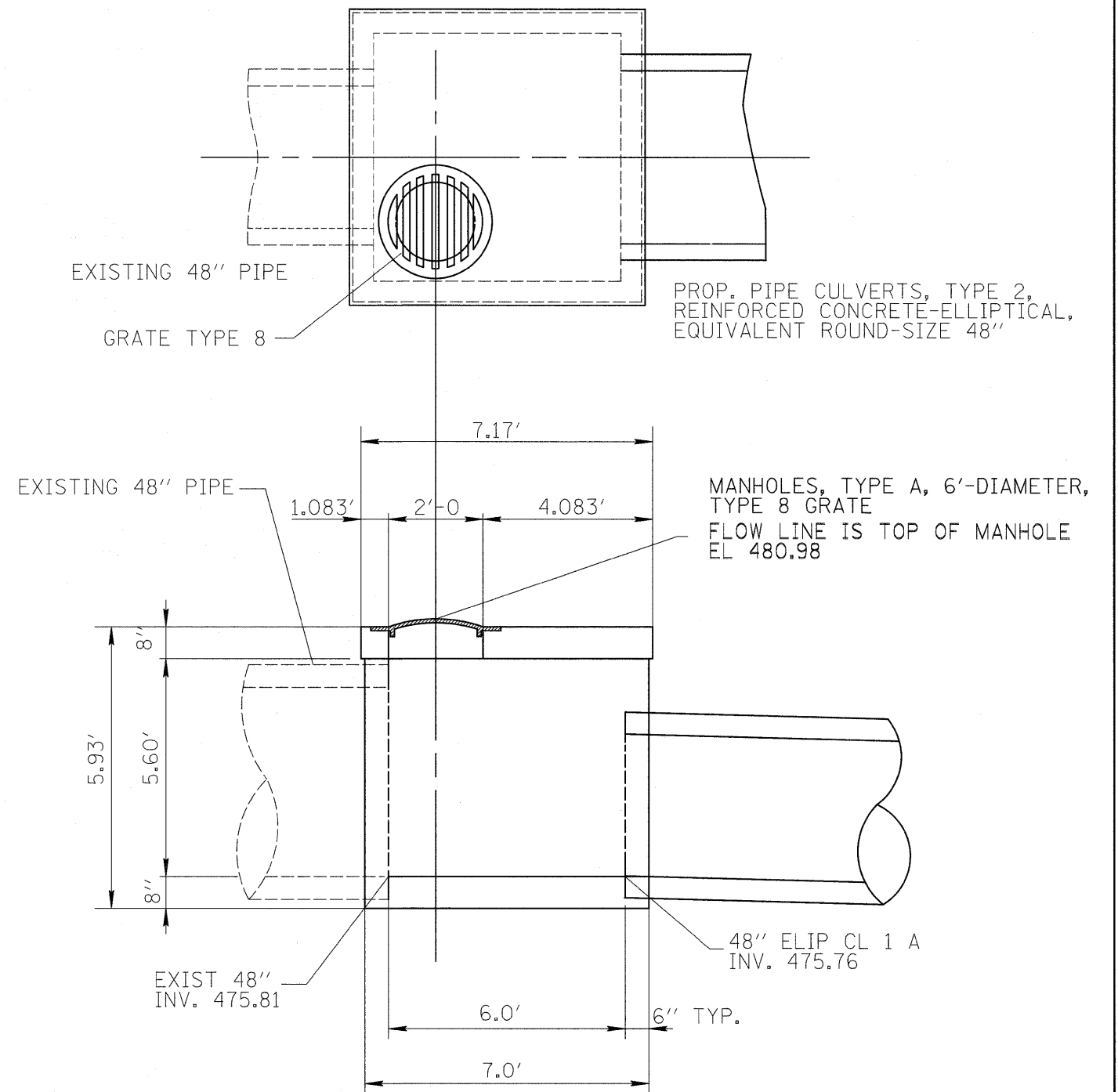
DETAIL OF DRAINAGE STRUCTURE FOR RT. STA. 1783+62.82 IL 13 (CENTER)



22 DETAIL OF DRAINAGE STRUCTURE FOR RT. STA. 791+48.84 IL 13 EB

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: DRAINAGE STRUCTURE FOR 791+48.84 IL 13 RT, 1783+62.82 IL 13			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILE#		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	* (X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	126
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -								* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
	PLOT DATE = #DATE#	DATE -	REVISED -								ILLINOIS FED. AID PROJECT			

NOTE: SEE STANDARDS 602406-02 & 604036-01 FOR MANHOLE AND GRATE DETAILS.



DETAIL OF DRAINAGE STRUCTURE FOR
LT. STA. 113+18.46 (RAMP G)

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILEL#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

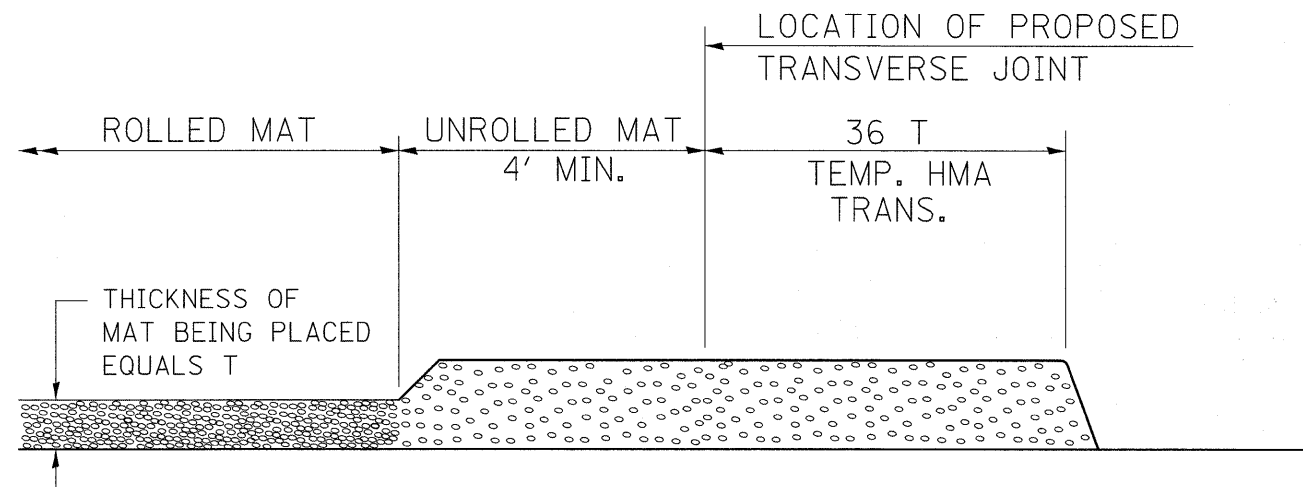
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: DRAINAGE STRUCTURE FOR 113+18.46 RAMP G LT.

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

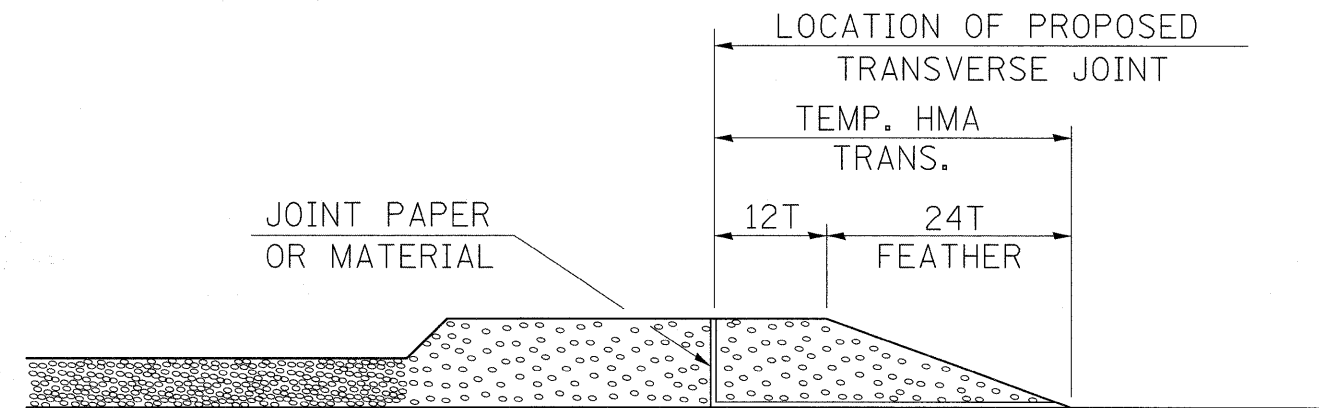
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	127
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



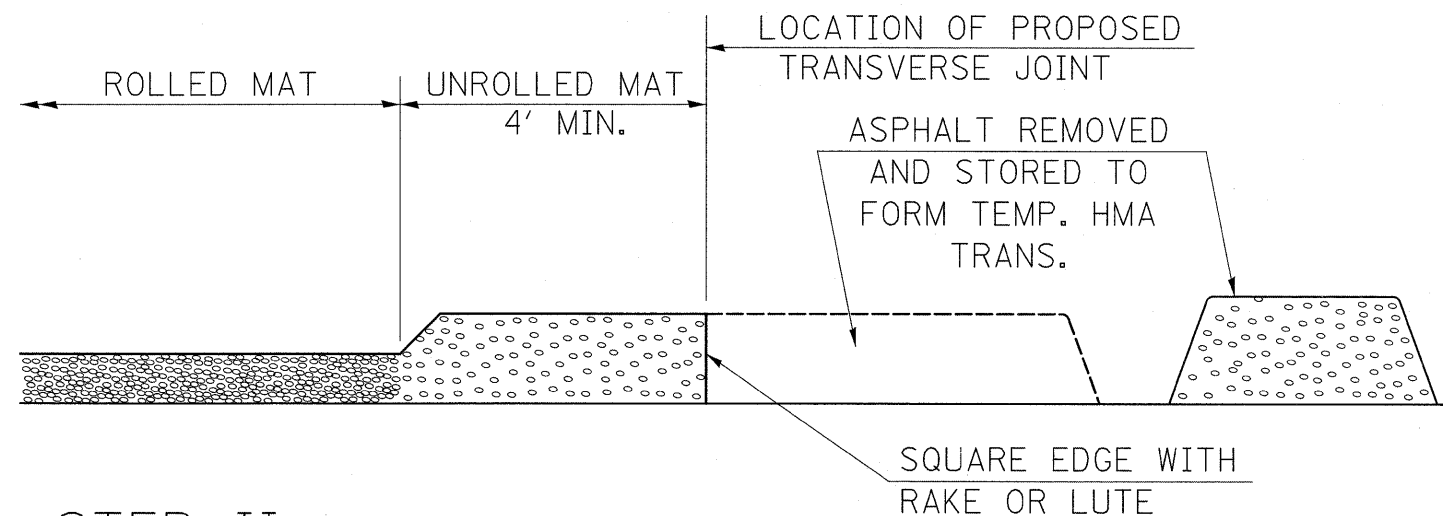
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



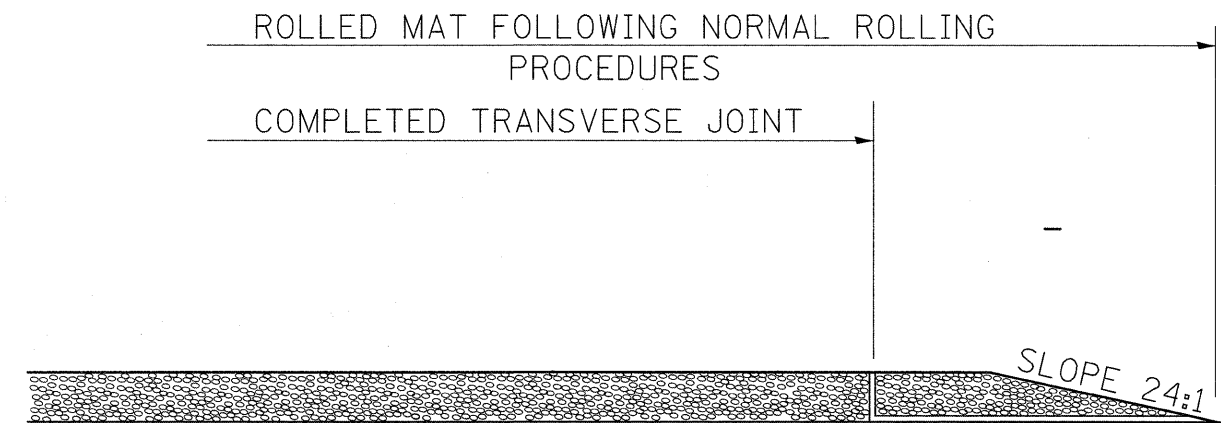
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



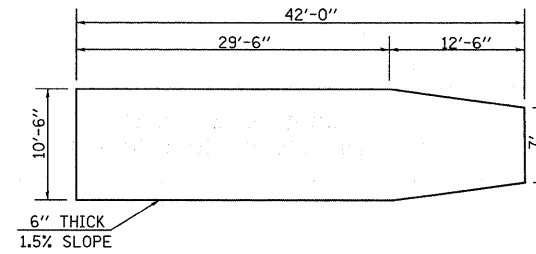
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
REVISED	

STD. 9-26

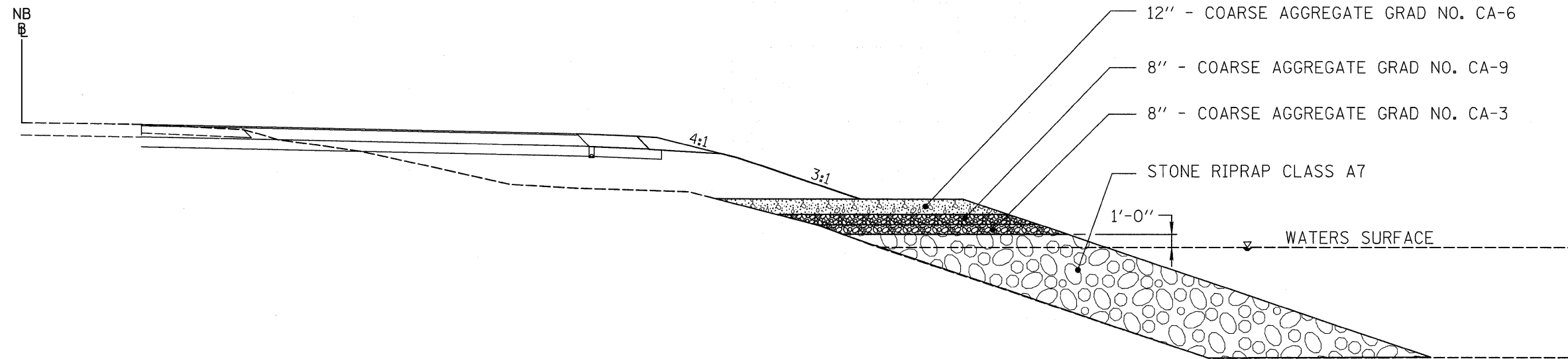
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#FILE#		DRAWN -	REVISED -			*	(X1-6-2K-1)(1X-1)R-4	WILLIAMSON	194	128
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194			
	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



BASE DETAIL

GENERAL NOTES

1. THE MATERIAL FOR THE BASE SHALL BE CLASS SI CONCRETE.

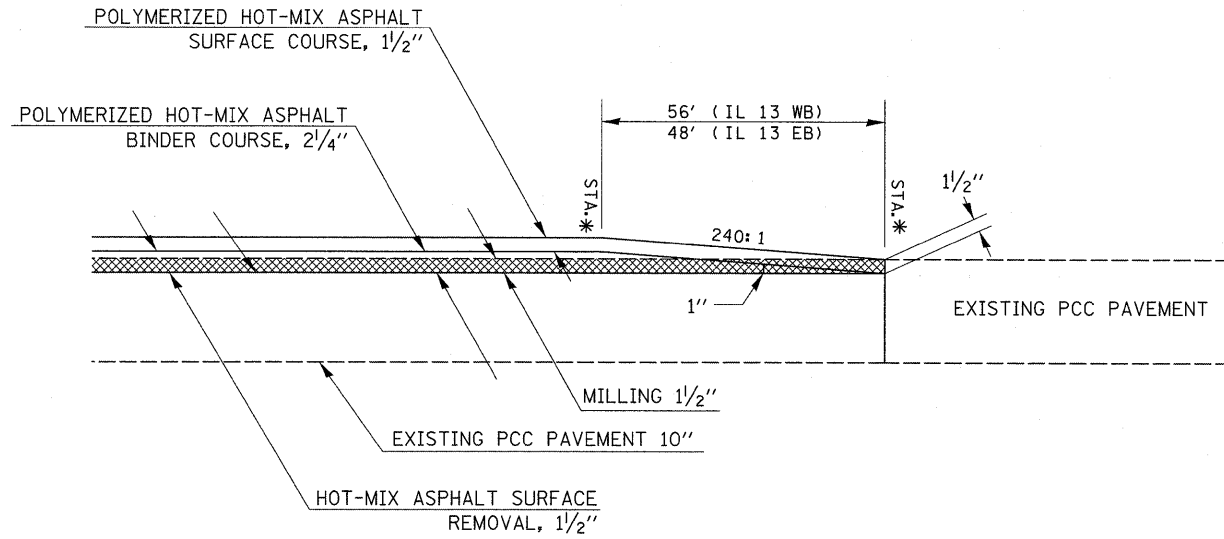


ROCK EMBANKMENT DETAIL FOR POND
STA. 120+88.60 TO STA. 122+60.82 (RAMP G)

THE CA-6, CA-9, AND CA-3 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR POROUS GRANULAR EMBANKMENT, SPECIAL, AS SHOWN ON THE PLANS.

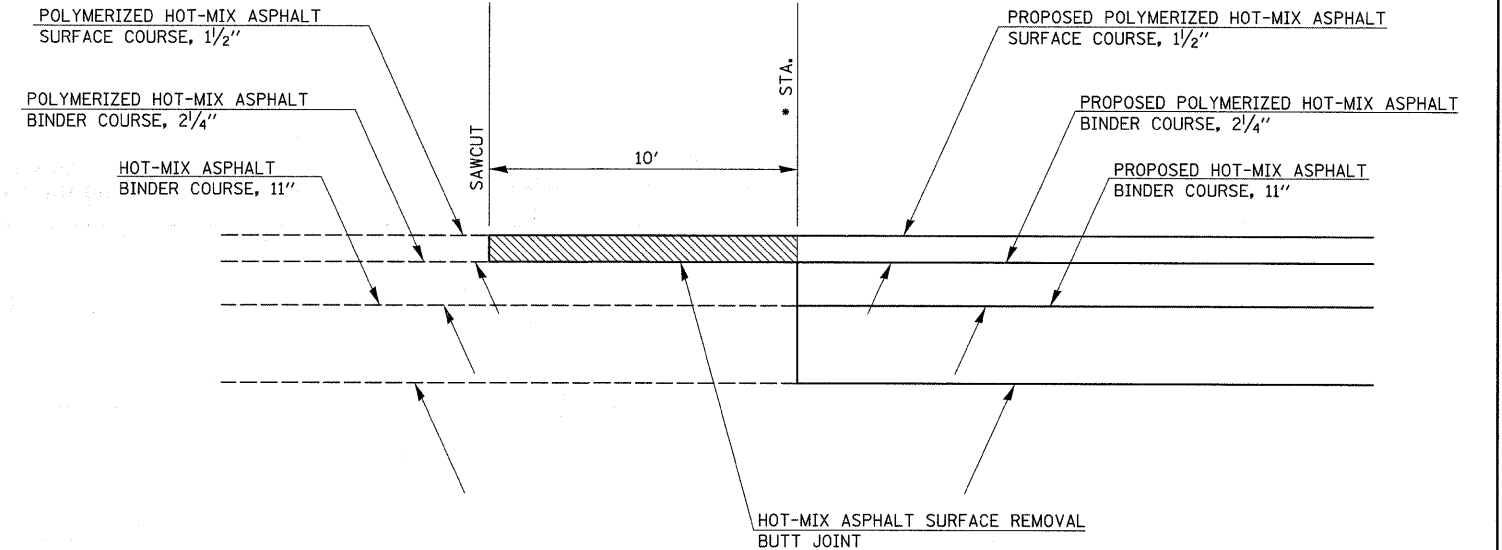
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: ATTENUATOR BASE; POROUS GRANULAR EMBANKMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	* (X1-6-2)K-1;(1X-1)R-4	WILLIAMSON	194	129
	PLOT DATE = #DATE#	DATE -	REVISED -								* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194		
ILLINOIS FED. AID PROJECT														

BUTT JOINT



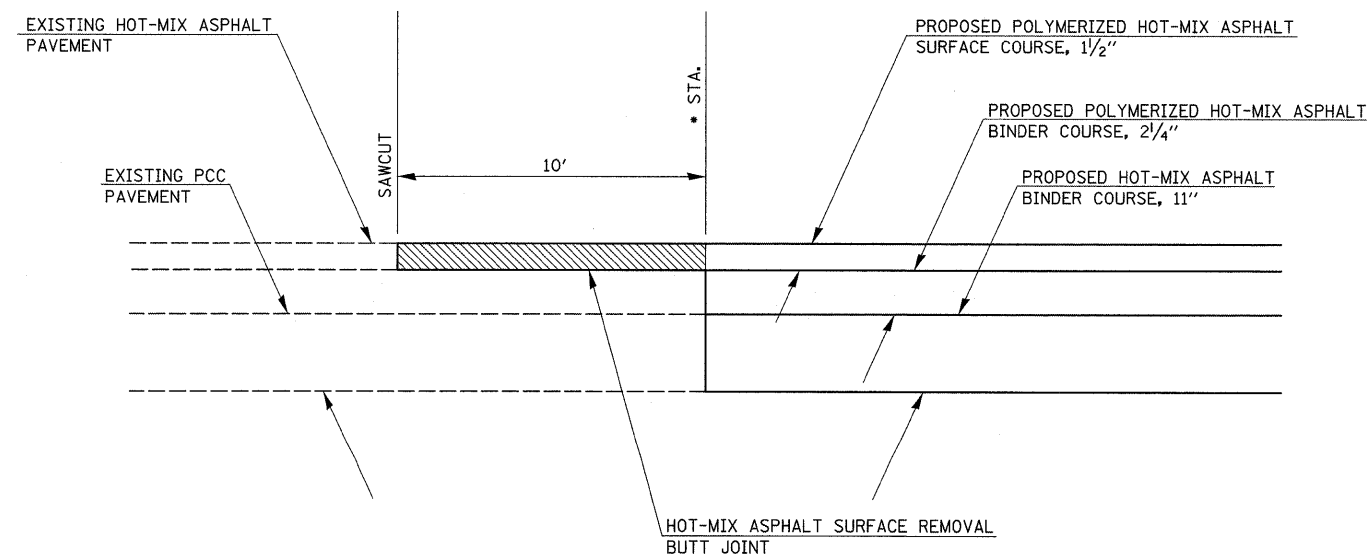
*** TO BE USED:**
 *STA. 1798+52.32 IL 13 EB TO STA. 1799+08.32 IL 13 (EB)
 *STA. 1798+63.84 IL 13 WB TO STA. 1799+11.84 IL 13 (WB)

BUTT JOINT



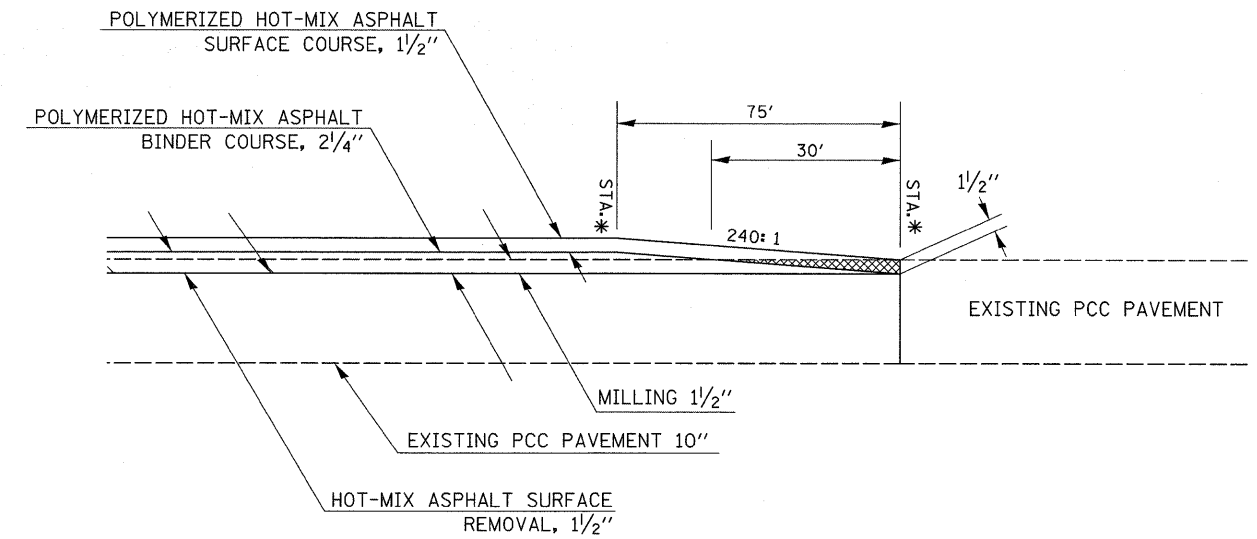
*** TO BE USED:**
 STA. 111+00.00 RAMP 'G'

BUTT JOINT



*** TO BE USED:**
 STA. 19+91.58 RAMP 'A'

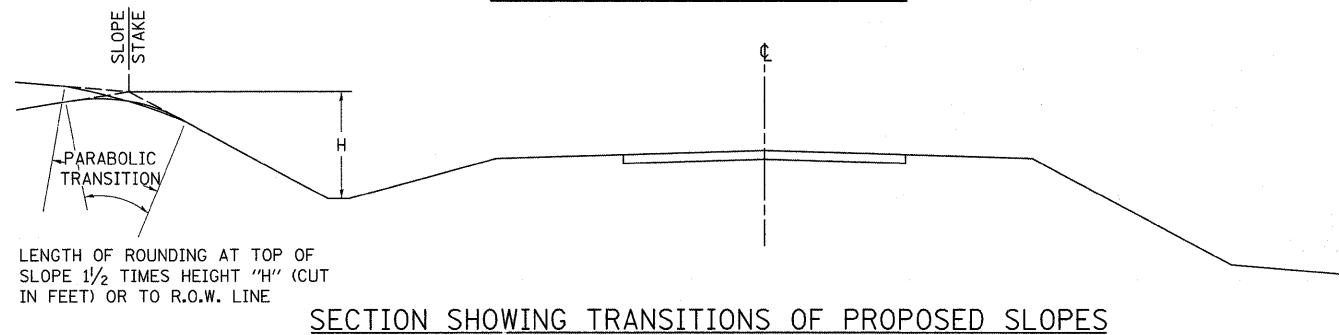
BUTT JOINT



*** TO BE USED:**
 *STA. 409+25 I-57 (NB) TO STA. 410+00 I-57 (NB)
 *STA. 417+17 I-57 (NB) TO STA. 418+52 I-57 (NB)

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS: BUTT JOINTS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	* (X1-6-2)K-1j(IX-1)R-4	WILLIAMSON	194	130	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -						* I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194
	PLOT DATE = #DATE#	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

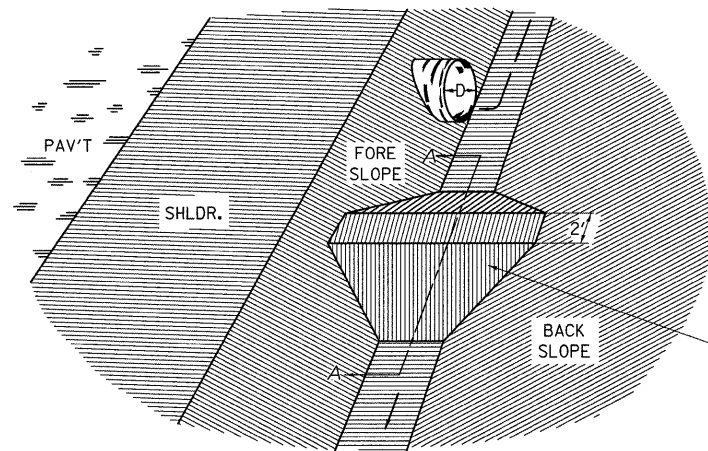
TYPICAL SECTIONS OF TRANSITIONS OF SLOPES AND INCIDENTAL GRADING



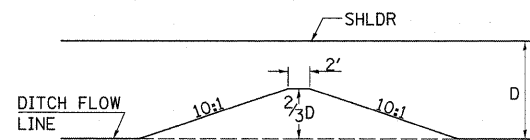
SECTION SHOWING TRANSITIONS OF PROPOSED SLOPES

NOTE:

DITCH PLUG TO BE CONSTRUCTED AS DIRECTED BY THE ENGINEER, INCLUDED IN THE EARTH EXCAVATION

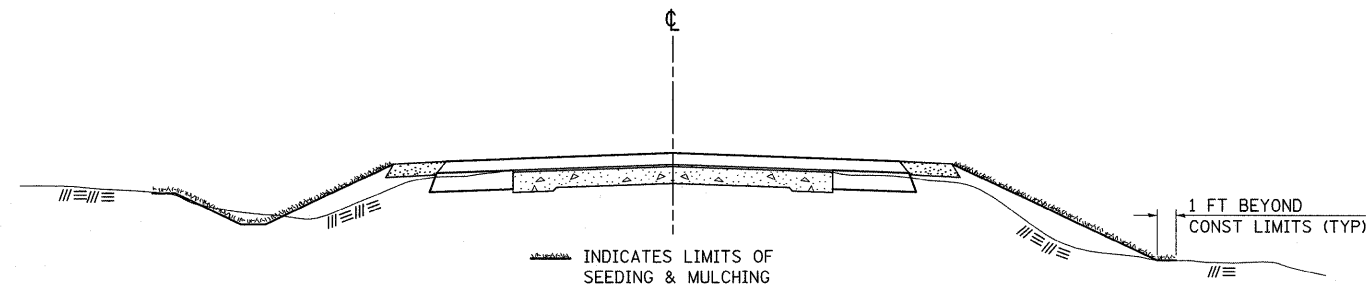


DITCH PLUG DETAIL



SECTION A-A

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

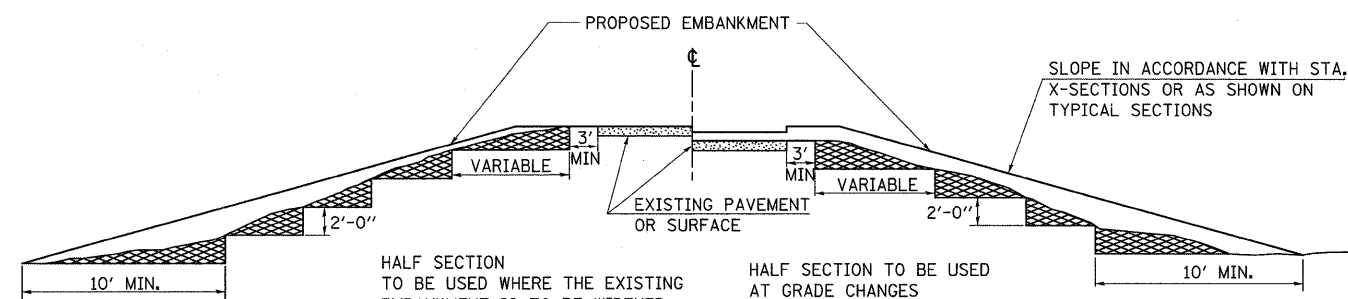
THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

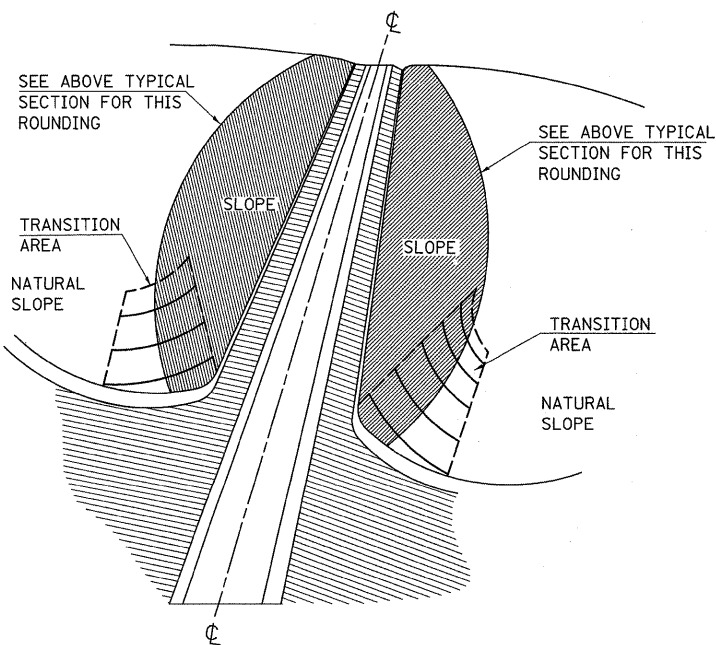
REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99

STD. 9-12

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.



TRANSITION GRADING

TRANSITION GRADING BETWEEN CUT AND FILL SLOPES AND BETWEEN CUT SLOPES AND NATURAL GROUND WILL BE REQUIRED ON THIS IMPROVEMENT. THE TRANSITION SHALL BE ROUNDED AND STREAMLINED IN ORDER TO BLEND THE CUT SLOPES AND THE FILL SLOPES INTO EACH OTHER AND INTO THE ADJACENT TERRAIN. THE SLOPES AS SHOWN ON THE CROSS SECTIONS IN THESE PLANS MAY BE VARIED SOMEWHAT IN THE TRANSITION AREAS AS DIRECTED BY THE ENGINEER IN ORDER TO MEET THIS GRADING REQUIREMENT. THE QUANTITIES OF EARTH EXCAVATION INVOLVED ARE INCLUDED IN THE BALANCE QUANTITIES SHOWN ON THE PLANS AND NO OTHER COMPENSATION WILL BE ALLOWED.

DETAIL OF SLOPE TO NATURAL GROUND TRANSITION

REVISIONS	
REDRAWN	2-15-89
REVISED	
REVISED	

STD. 9-17

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: TRANSITIONS OF SLOPES AND INCIDENTAL GRADING;
STEP CONSTRUCTION ON EXISTING FILL; SEEDING & MULCHING**

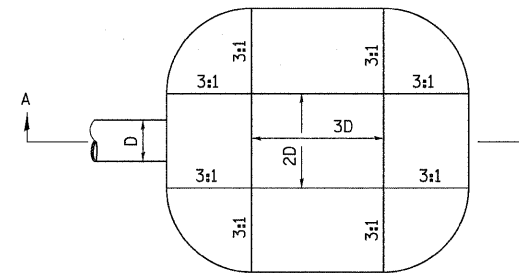
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

REVISIONS		REVISIONS	
REDRAWN	2-15-89	REDRAWN	2-15-89
REVISED	8-15-94	REVISED	8-15-94
REVISED	6-3-99	REVISED	6-3-99

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	132
* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
ILLINOIS FED. AID PROJECT				

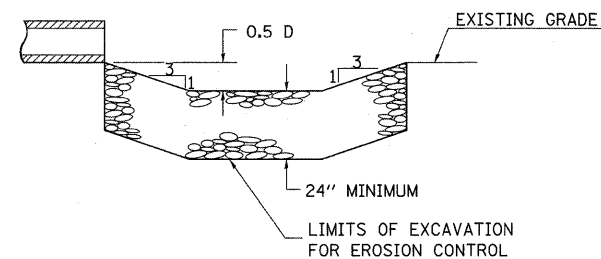
STD. 9-16

ENERGY DISSIPATOR



D= INSIDE DIAMETER OF PIPE CULVERT OR CLEAR HEIGHT OF BOX CULVERT

PLAN



SECTION A-A

EARTH EXCAVATION FOR ENERGY DISSIPATOR

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.

RIPRAP FOR ENERGY DISSIPATOR

RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS.

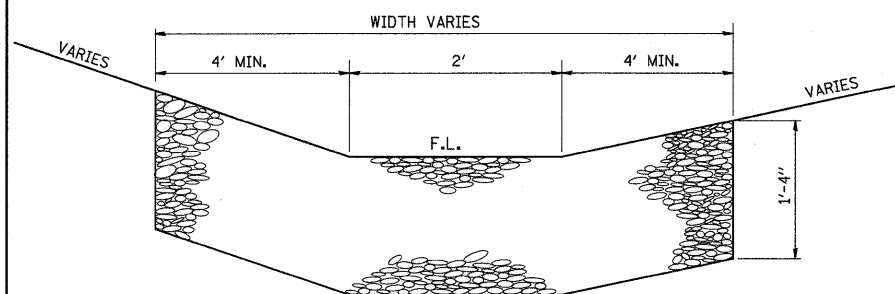
THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE DUMPED RIPRAP.

THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

BEDDING MATERIAL AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

REVISIONS
DESIGNED 9-01-99
DRAWN 9-01-99
CHECKED 10-3-01
REVISOR 10-3-01

TYPICAL DETAIL OF STONE RIPRAP DITCH LINING



NOTES

THIS WORK INCLUDES THE EARTH EXCAVATION REQUIRED TO PLACE THE RIPRAP AS SHOWN. THE MATERIAL RESULTING FROM THE EARTH EXCAVATION SHALL BE PLACED IN THE ROADWAY EMBANKMENT, OR WASTED AS DIRECTED BY THE ENGINEER. THE EARTHWORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DITCH.

THE RIPRAP DITCH SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. CONSTRUCTION OF THE STONE RIPRAP DITCH SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A4 RIPRAP AS INDICATED IN SECTION 281 OF STANDARD SPECIFICATIONS.

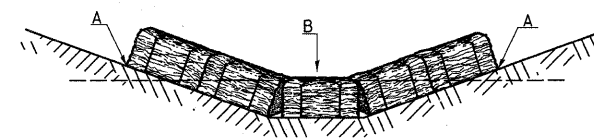
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A4, WHICH PRICE SHALL INCLUDE ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN.

BEDDING MATERIAL AND FILTER FABRIC AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

THE WIDTH OF THE RIPRAP DITCH WILL BE AS SPECIFIED IN THE RIPRAP SCHEDULE OR AS DIRECTED BY THE ENGINEER.

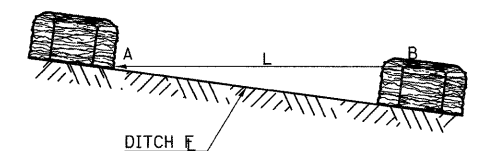
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGEWAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS



L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT IN CENTER OF CHECK

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISOR -
		DRAWN -	REVISOR -
	PLOT SCALE = #SCALE#	CHECKED -	REVISOR -
	PLOT DATE = #DATE#	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: ENERGY DISSIPATOR;
STONE RIPRAP DITCH LINING; TEMPORARY DITCH CHECKS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	133
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	

STD. 9-108

REVISIONS

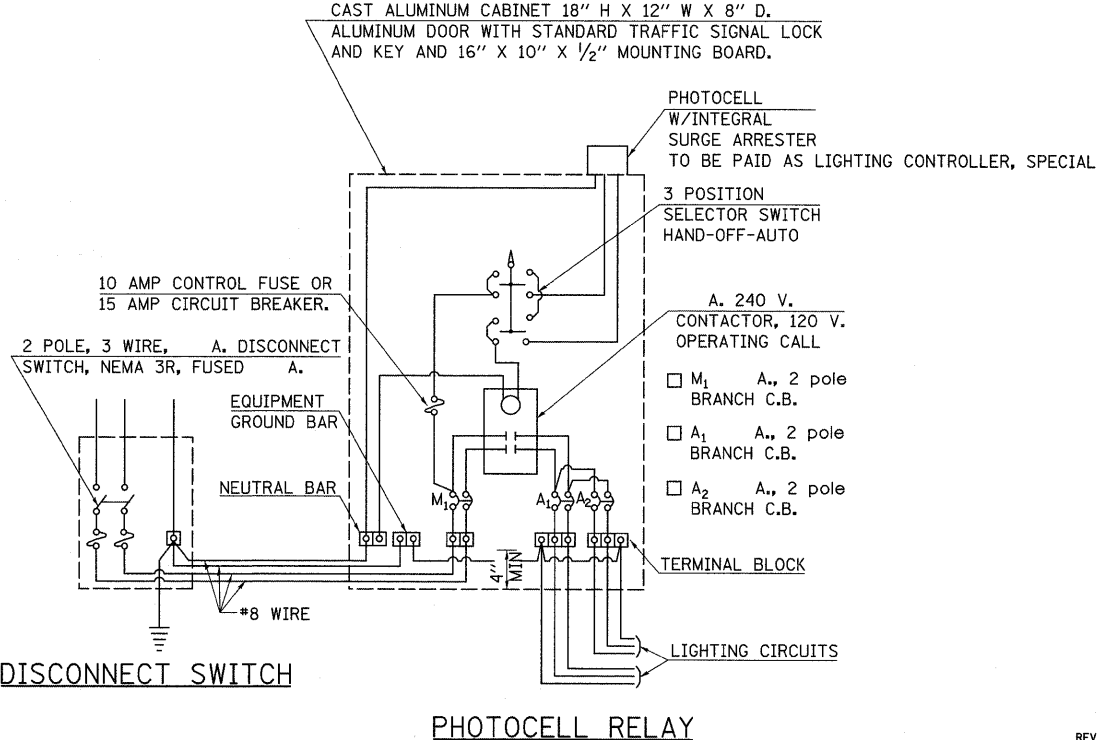
DRAWN 9-01-99

REVISOR 10-3-01

REVISOR 10-3-01

ILLINOIS FED. AID PROJECT

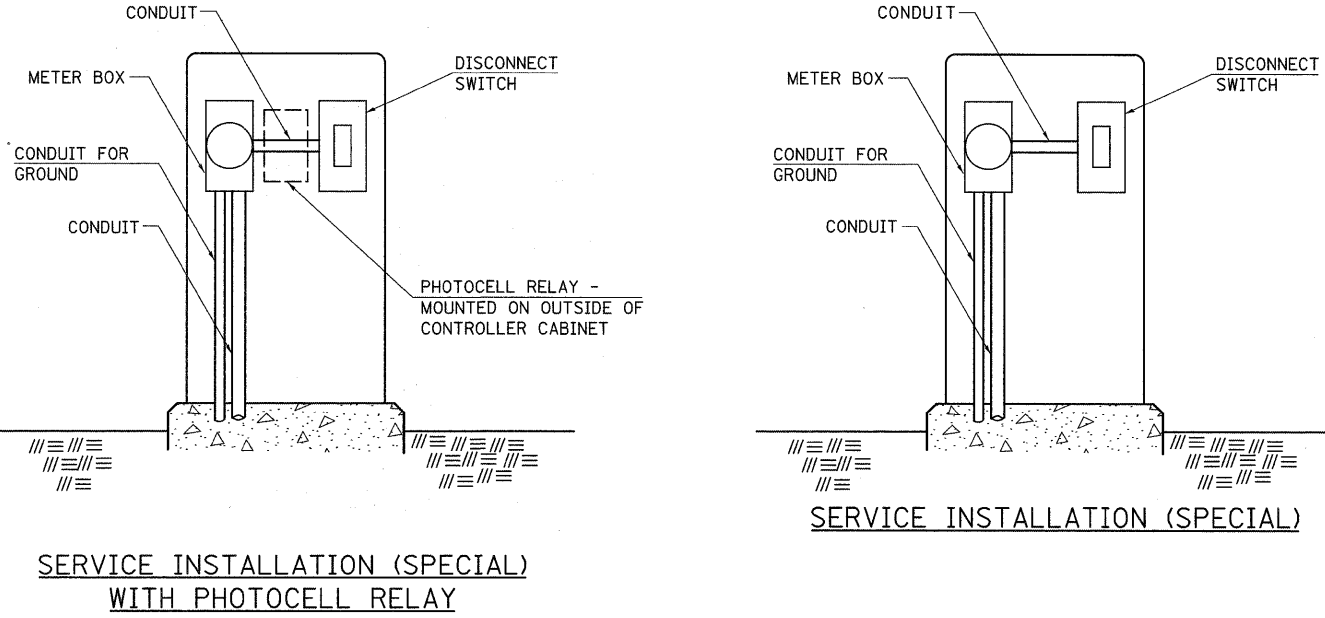
CONTROL INSTALLATION SIGNAL CABINET MOUNTED



REVISIONS	
DRAWN	5-13-02
REVISED	
REVISED	
REVISED	

STD. 9-113

SERVICE INSTALLATION DETAILS



NOTE:
MATERIAL AND SIZE OF CONDUIT AND CABLE AS REQUIRED BY UTILITY COMPANY

REVISIONS	
DRAWN	1-31-90
REVISED	2-24-92
REVISED	

STD. 9-68

FILE NAME = #FILEL*	USER NAME = #USER*	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS: CONTROL INSTALLATION SIGNAL CABINET MOUNTED; SERVICE INSTALLATION DETAILS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	134
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
ILLINOIS FED. AID PROJECT				

PHASE DESIGNATION DIAGRAM

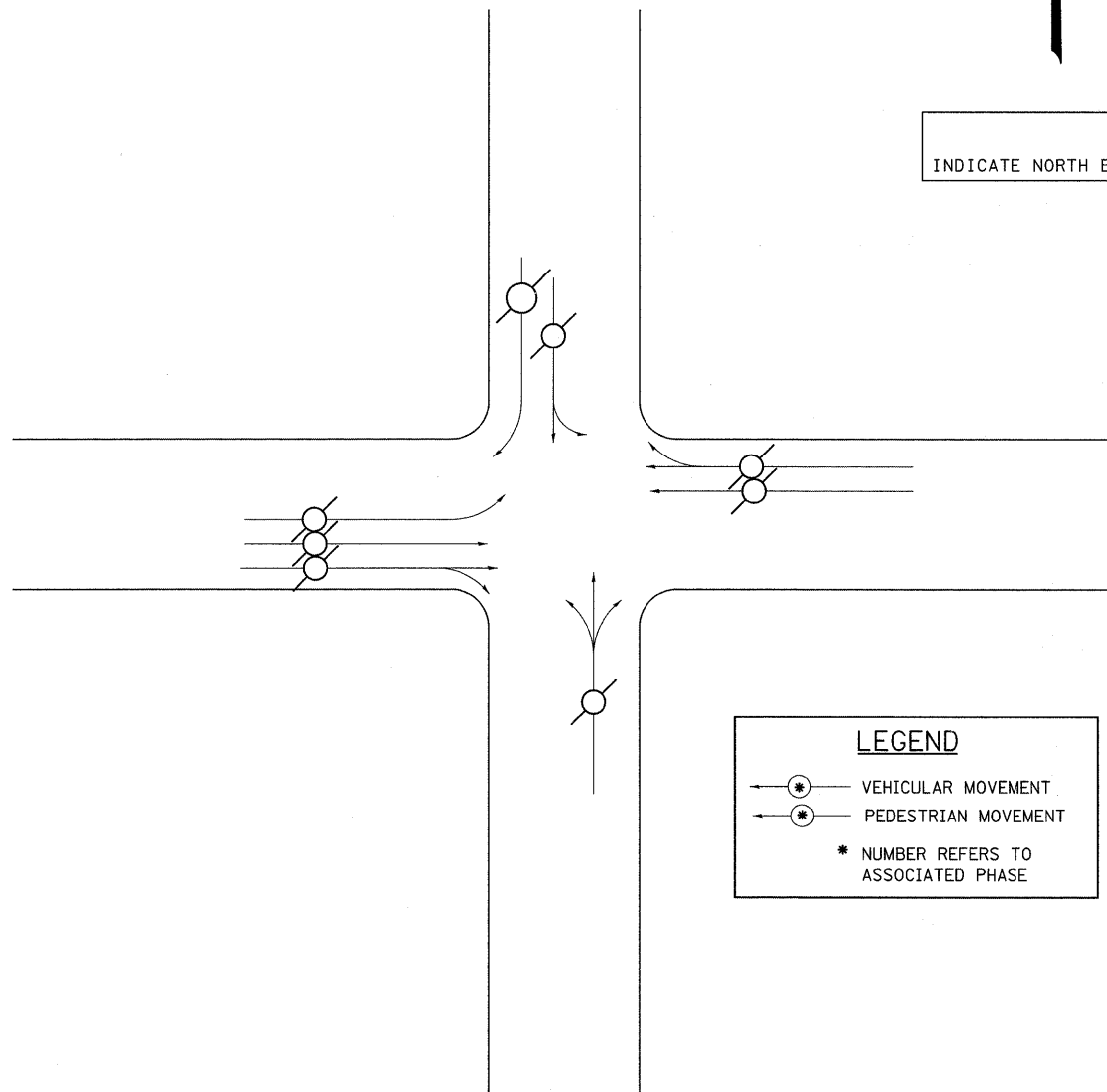
NAME OF INTERSECTION:

CONTROLLER SPECIFIED:

REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.



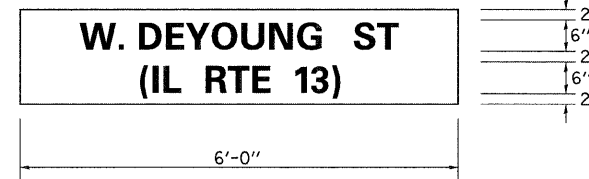
INDICATE NORTH BY ARROW



LEGEND

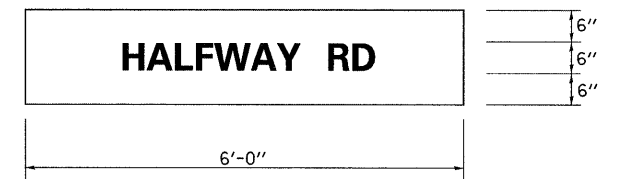
- → VEHICULAR MOVEMENT
- → PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE

SIGN PANEL - TYPE 1



TO BE USED:
RT. STA. 1793+03.11 (IL 13) MAST ARM

SIGN PANEL - TYPE 1



TO BE USED:
LT. STA. 407+25 (HALFWAY ROAD) MAST ARM

STD. 9-66

REVISIONS	
DRAWN	1-31-90
REVISED	5-30-90
REVISED	12-18-01

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	PLOT DATE = #DATE#	DATE -	REVISED -

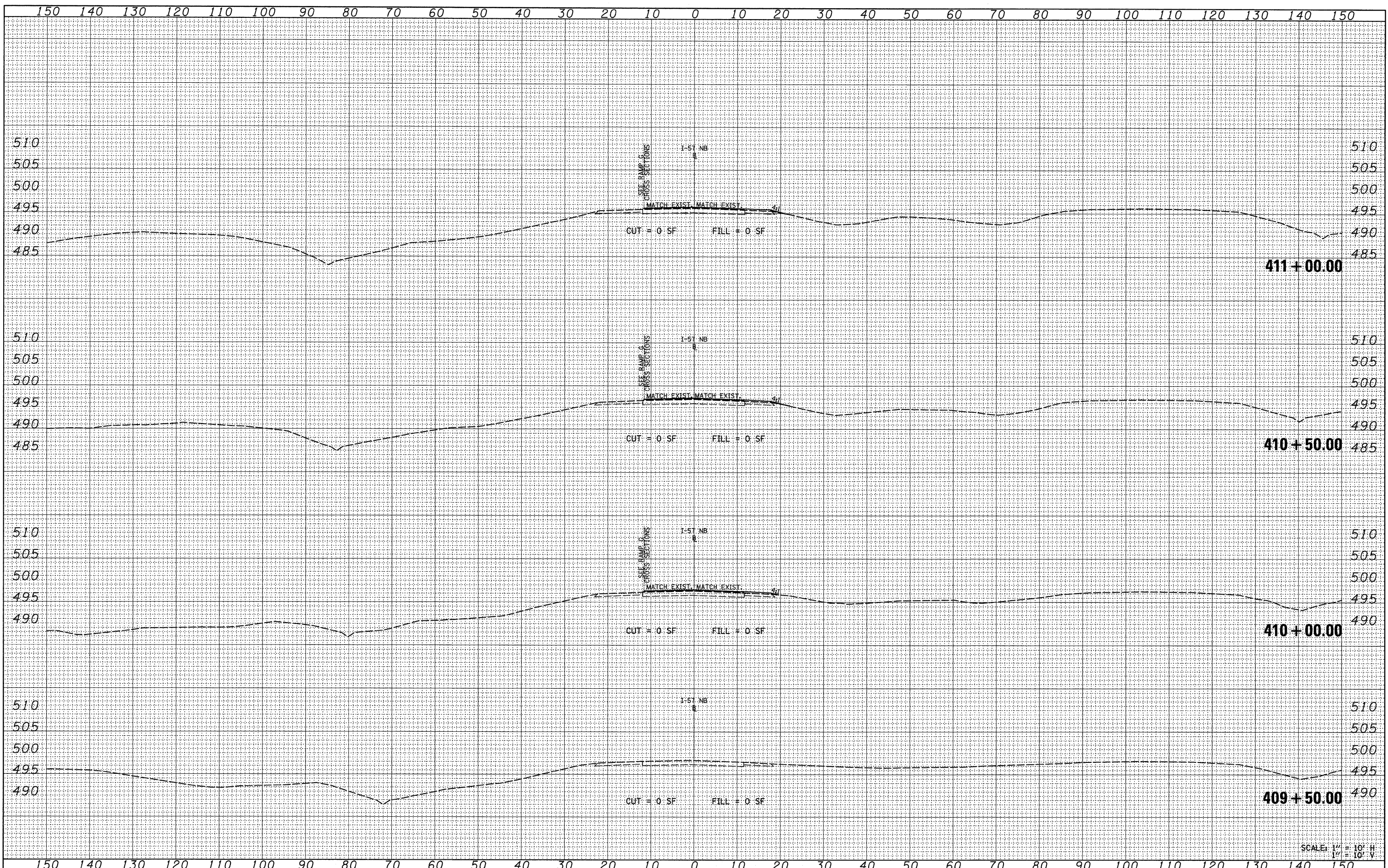
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: PHASE DESIGNATION DIAGRAM, SIGN PANEL TYPE 1			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2K-1)(1X-1)R-4	WILLIAMSON	194	136
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
(ILLINOIS) FED. AID PROJECT				

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

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



SCALE: 1" = 10' H
1" = 10' V

FILE NAME =
FILEL

USER NAME = *USER*	DESIGNED -	REVISED -
PLOT SCALE = *SCALE*	DRAWN -	REVISED -
PLOT DATE = *DATE*	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

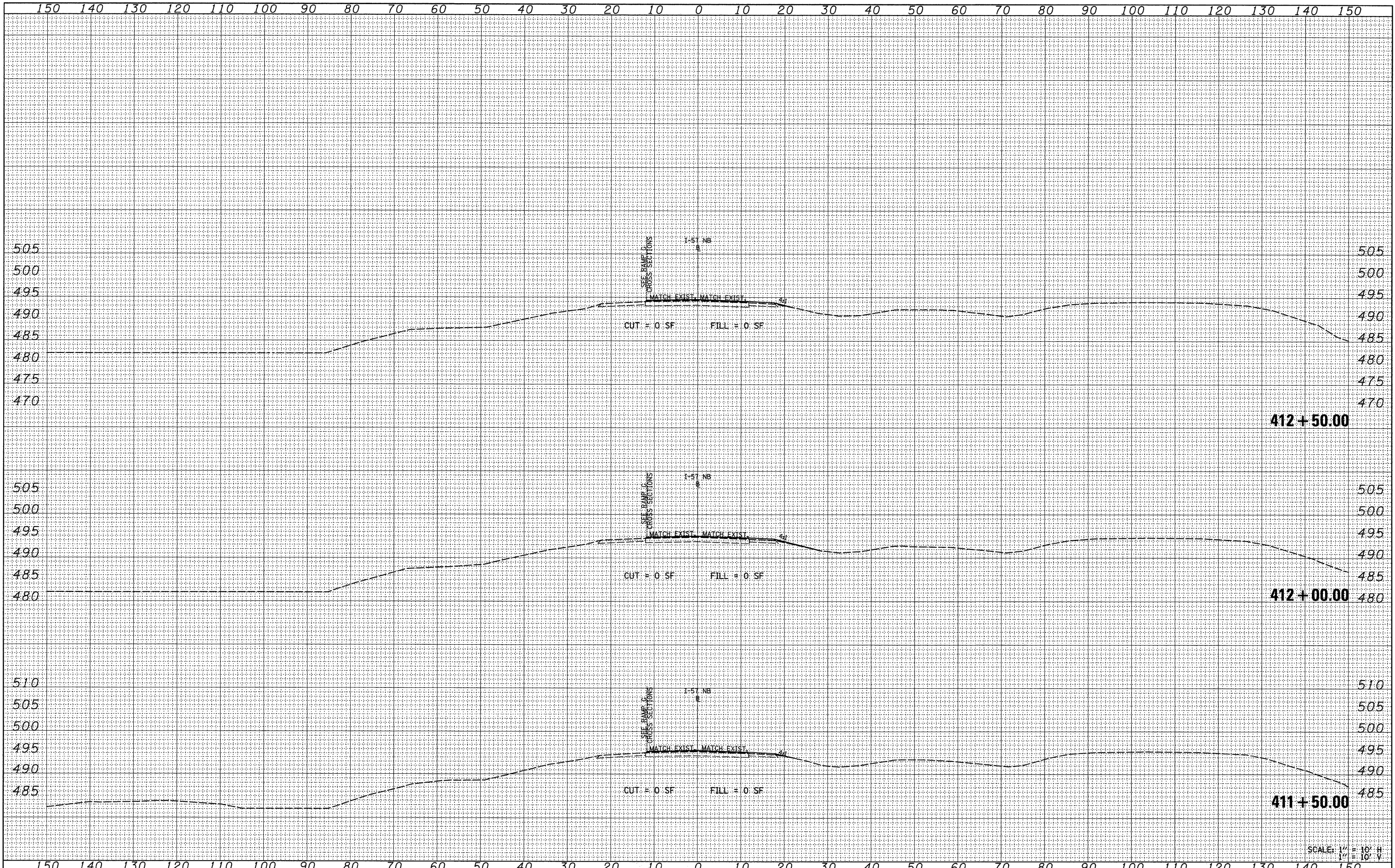
I-57 CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 1 OF 5 SHEETS STA. 409+50.00 TO STA. 411+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	01-6-2K-1(1X-1R-4)	WILLIAMSON	194	137
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
ILLINOIS FED. AID PROJECT				

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

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

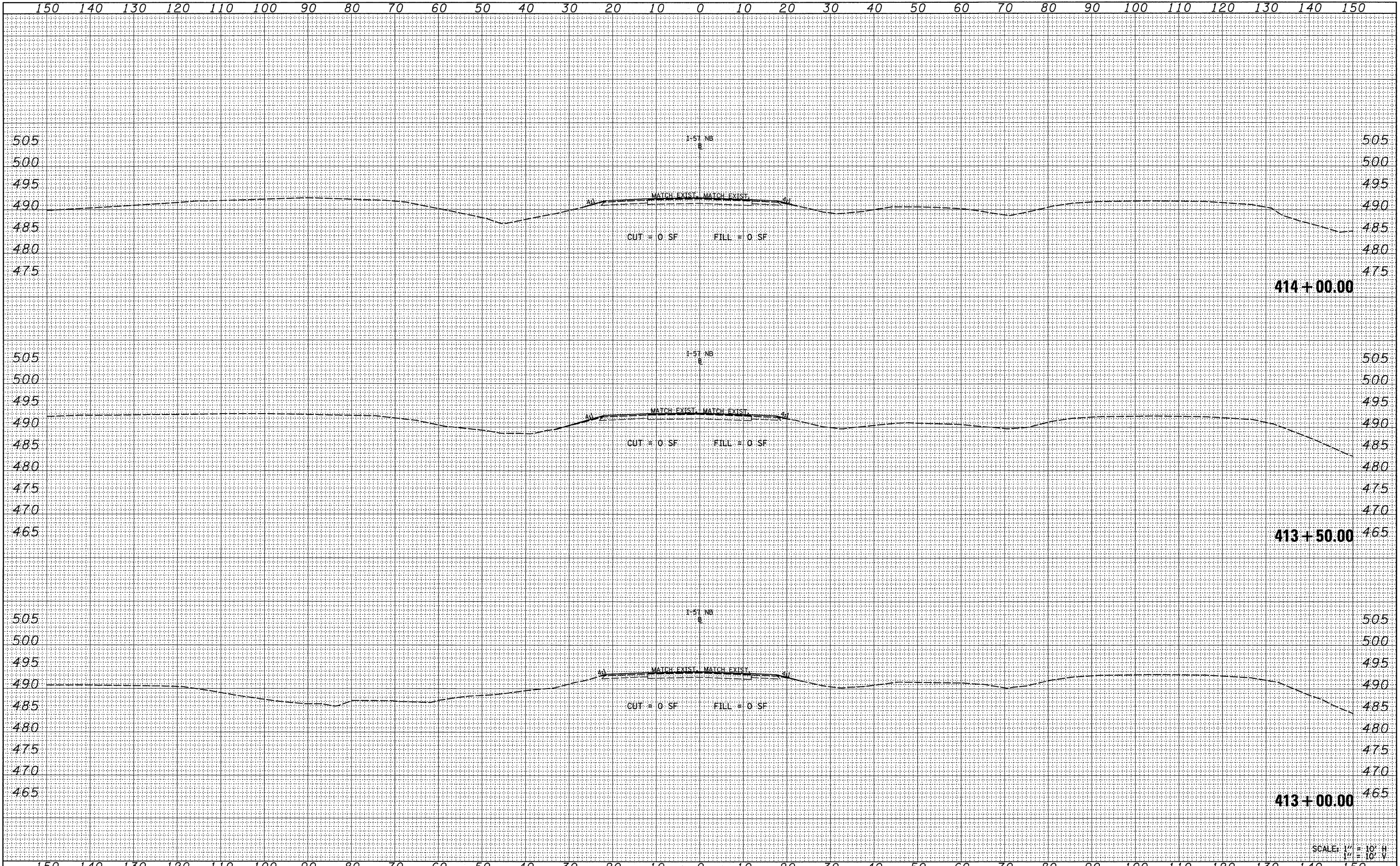


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -			*	01-6-2K-1;(1X-1R-4)	WILLIAMSON	194	138	
		CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1" = 10'		SHEET NO. 2 OF 5 SHEETS		STA. 411+50.00 TO STA. 412+50.00			

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

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

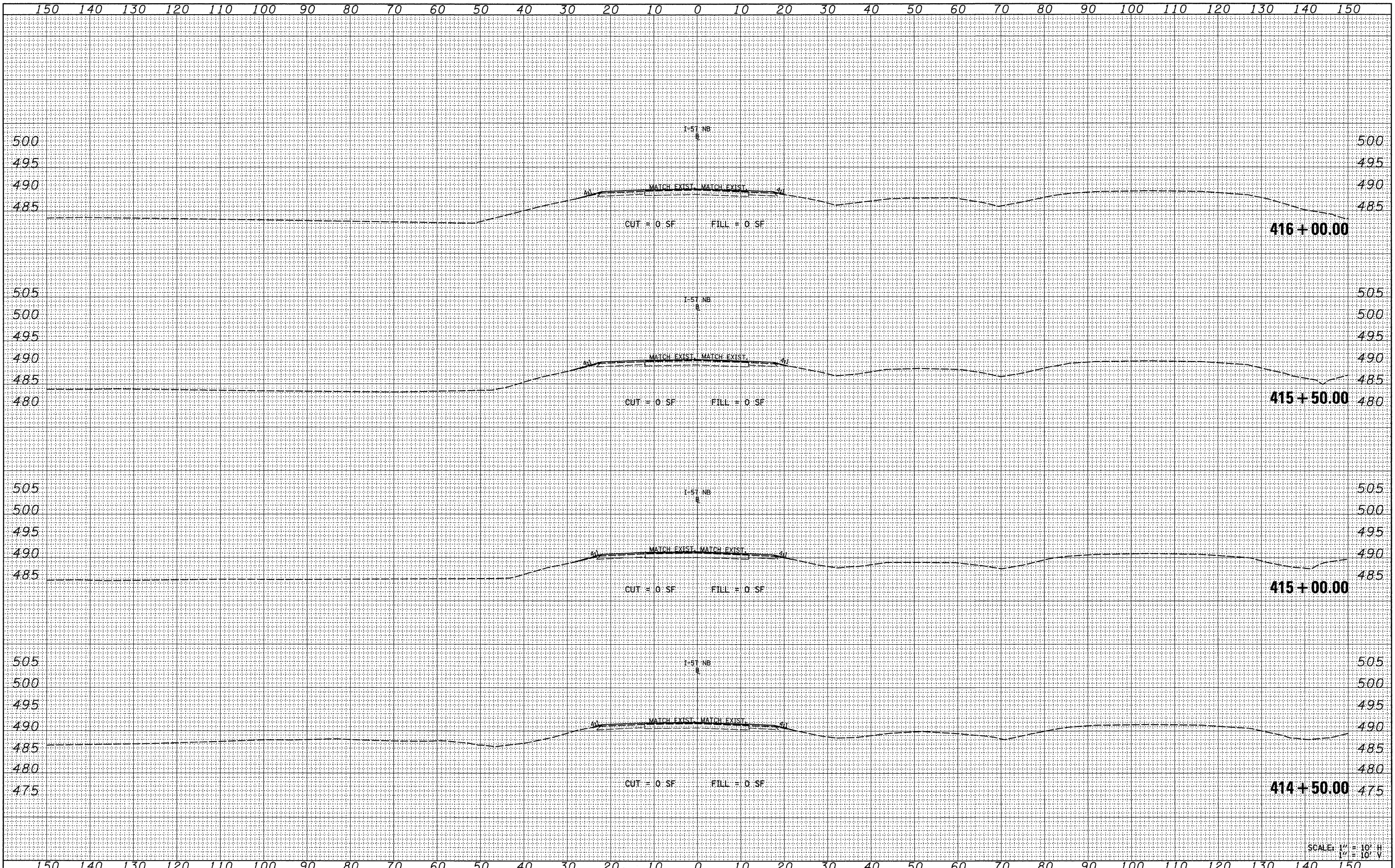


SCALE: 1" = 10' H
1" = 10' V

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FILE#		DRAWN -	REVISED -					*	(X1-6-2K-1)(1X-1R-4)	WILLIAMSON	194	139
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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

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

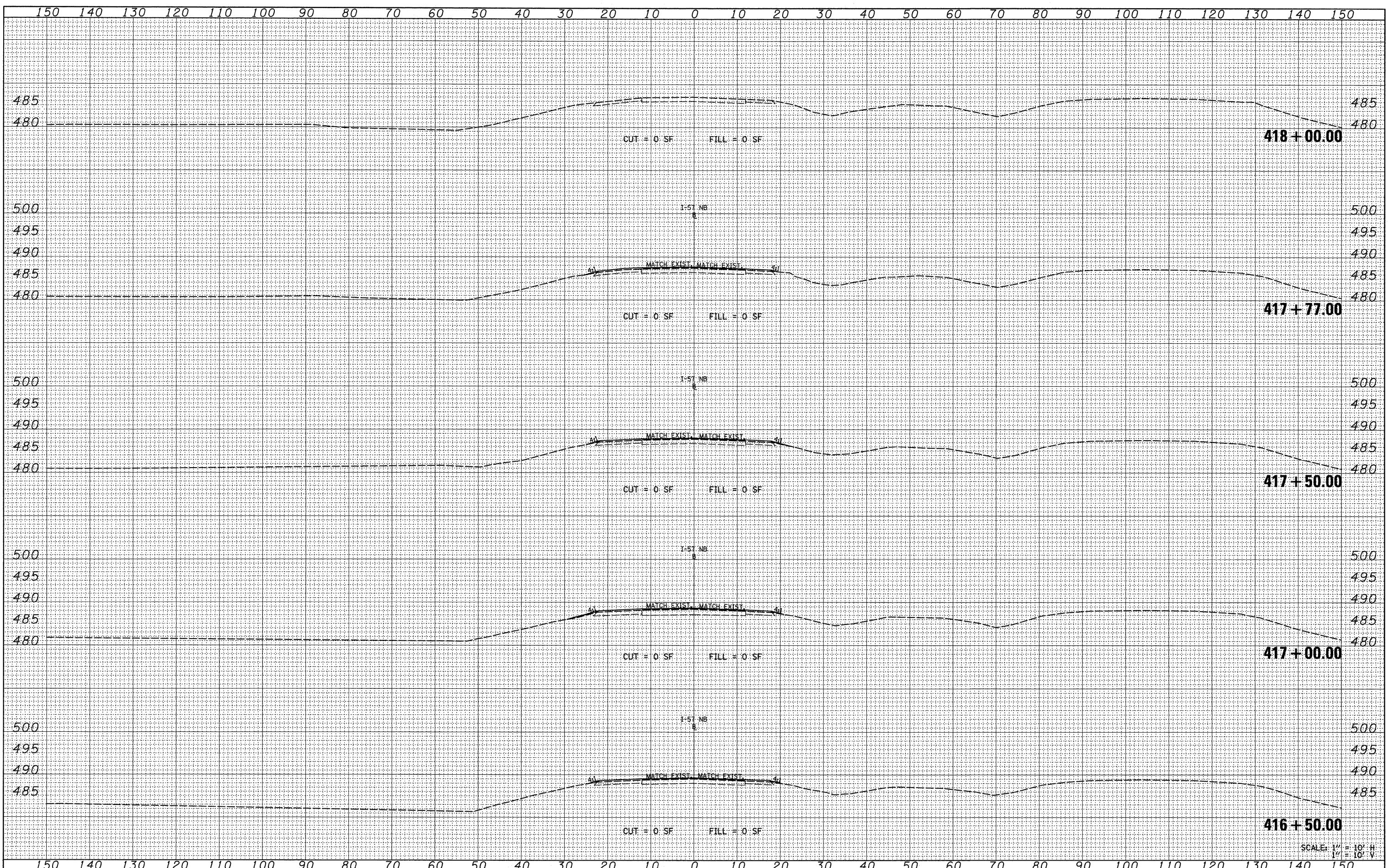


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 10'	SHEET NO. 4 OF 5 SHEETS	STA. 414+50.00 TO STA. 416+00.00				

DATE	
BY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

DATE	
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SCALE: 1" = 10' H.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

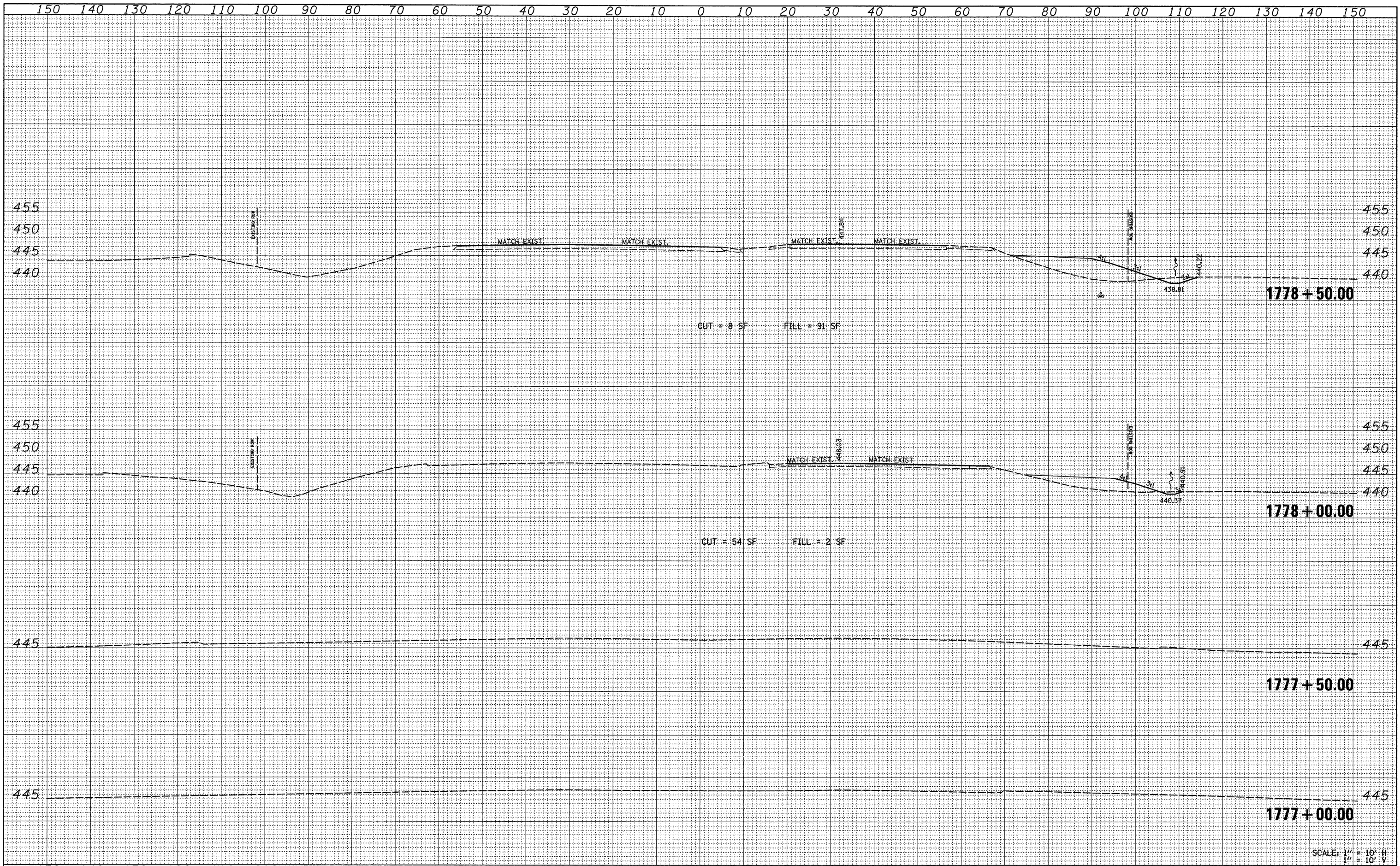
I-57 CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 5 OF 5 SHEETS STA. 416+50.00 TO STA. 418+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2K-1;(1X-1R-4)	WILLIAMSON	194	141
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
ILLINOIS FED. AID PROJECT				

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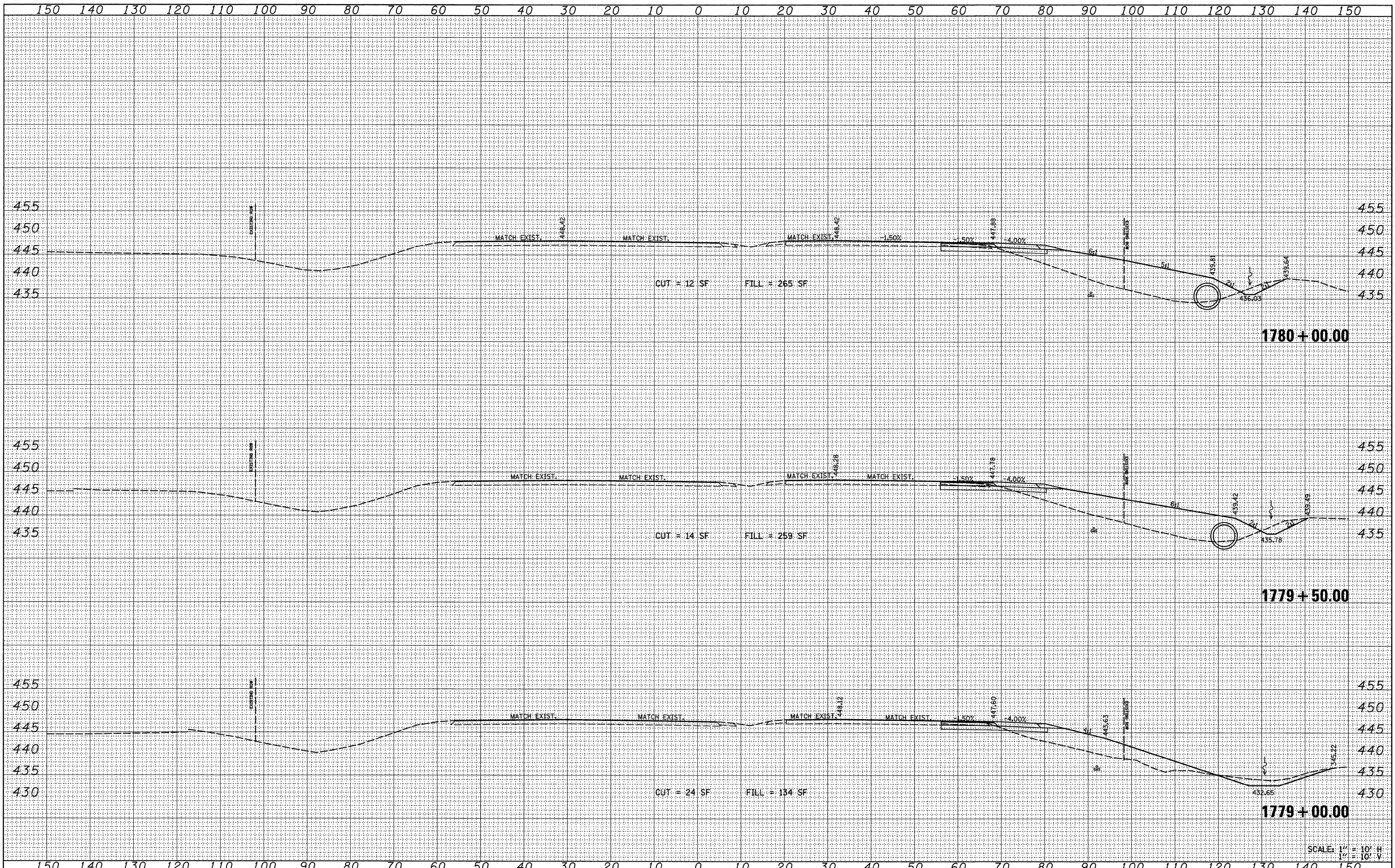


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE	PLLOT SCALE = *SCALE*	DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 1 OF 13 SHEETS	STA. 1777+00.00 TO STA. 1778+50.00	* (X1-6-2)HBK-2,(1X-1)R-1	WILLIAMSON	194	142		
	PLLOT DATE = *DATE*	CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 33)	CONTRACT NO. 78194				
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

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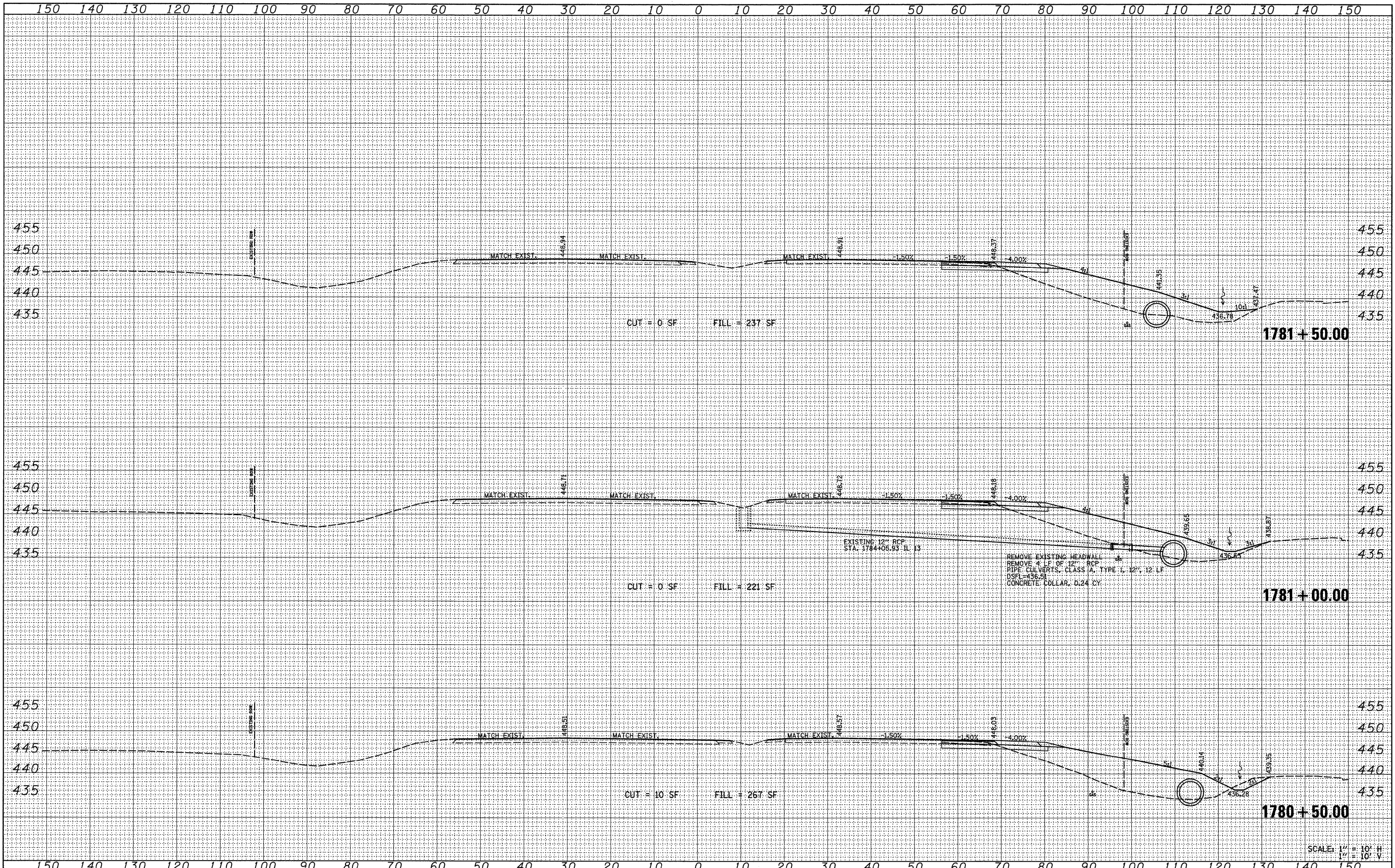


FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE#		DRAWN -	REVISED -				* I-57/IL 13 (FAI 57/FAP 331)	WILLIAMSON	194	143	
PLOT SCALE = *SCALE*		CHECKED -	REVISED -				CONTRACT NO. 78194				
PLOT DATE = *DATE*		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' H
1" = 10' V

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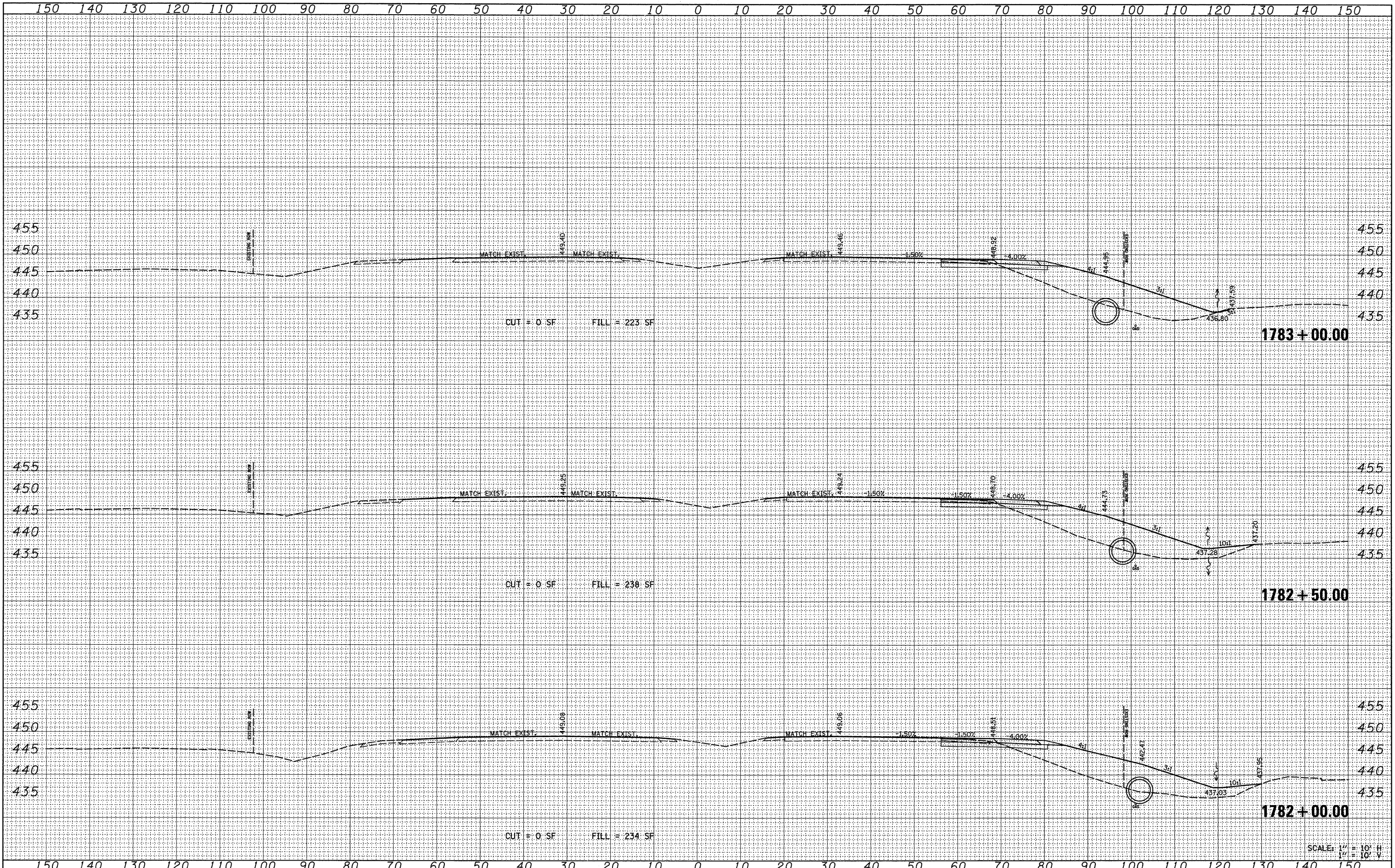


FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE#		DRAWN -	REVISED -				* I-57/IL 13 (FAI 57/FAP 331)	WILLIAMSON	194	144	
PLOT SCALE = *SCALE*		CHECKED -	REVISED -				CONTRACT NO. 78194				
PLOT DATE = *DATE*		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' H
1" = 10' V

FINAL SURVEY	DATE
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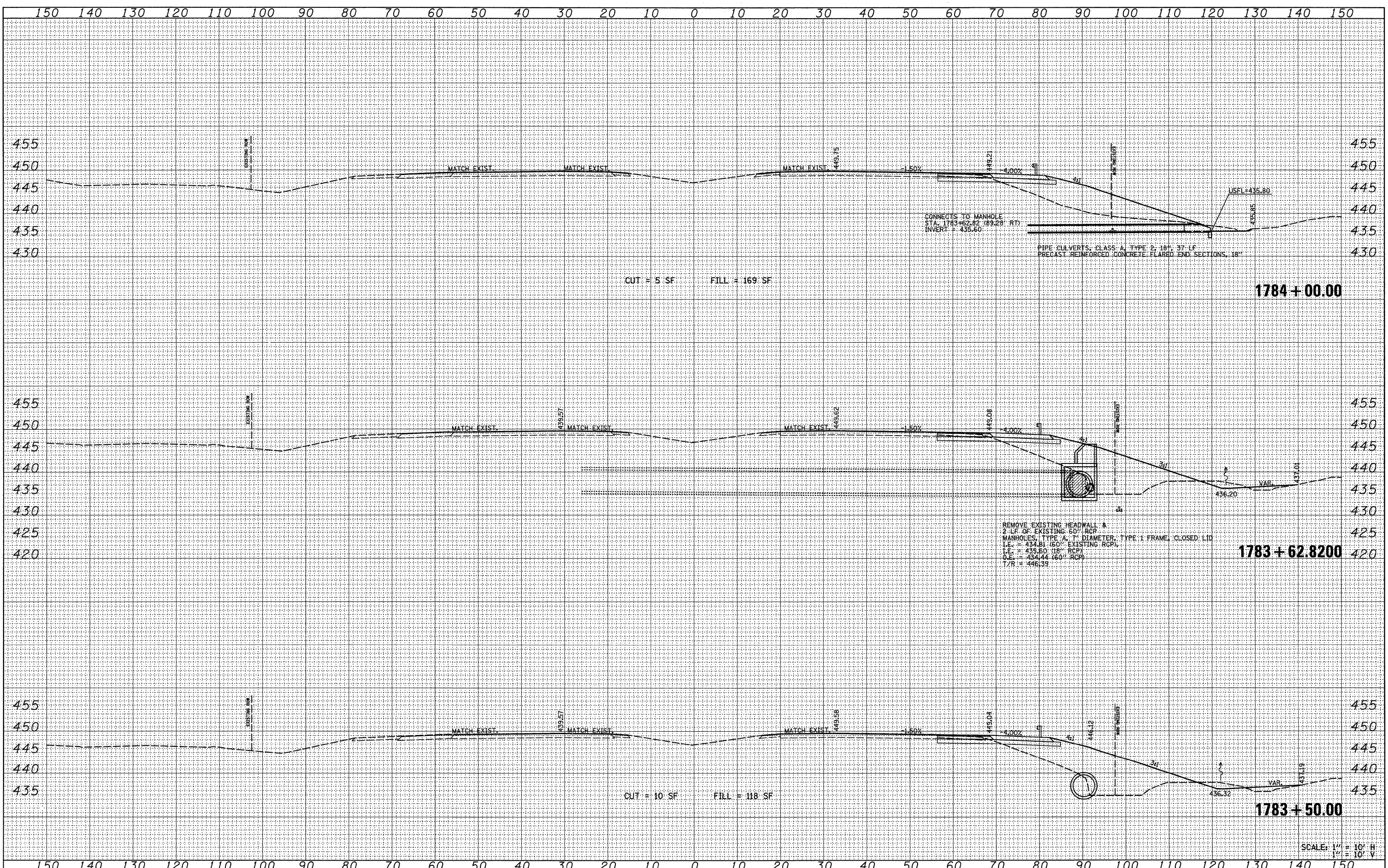
ORIGINAL SURVEY	DATE
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 4 OF 13 SHEETS	STA. 1782+00.00 TO STA. 1783+00.00	*	01-6-2K-1;(1X-1R-4	WILLIAMSON	194	145	
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)					
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

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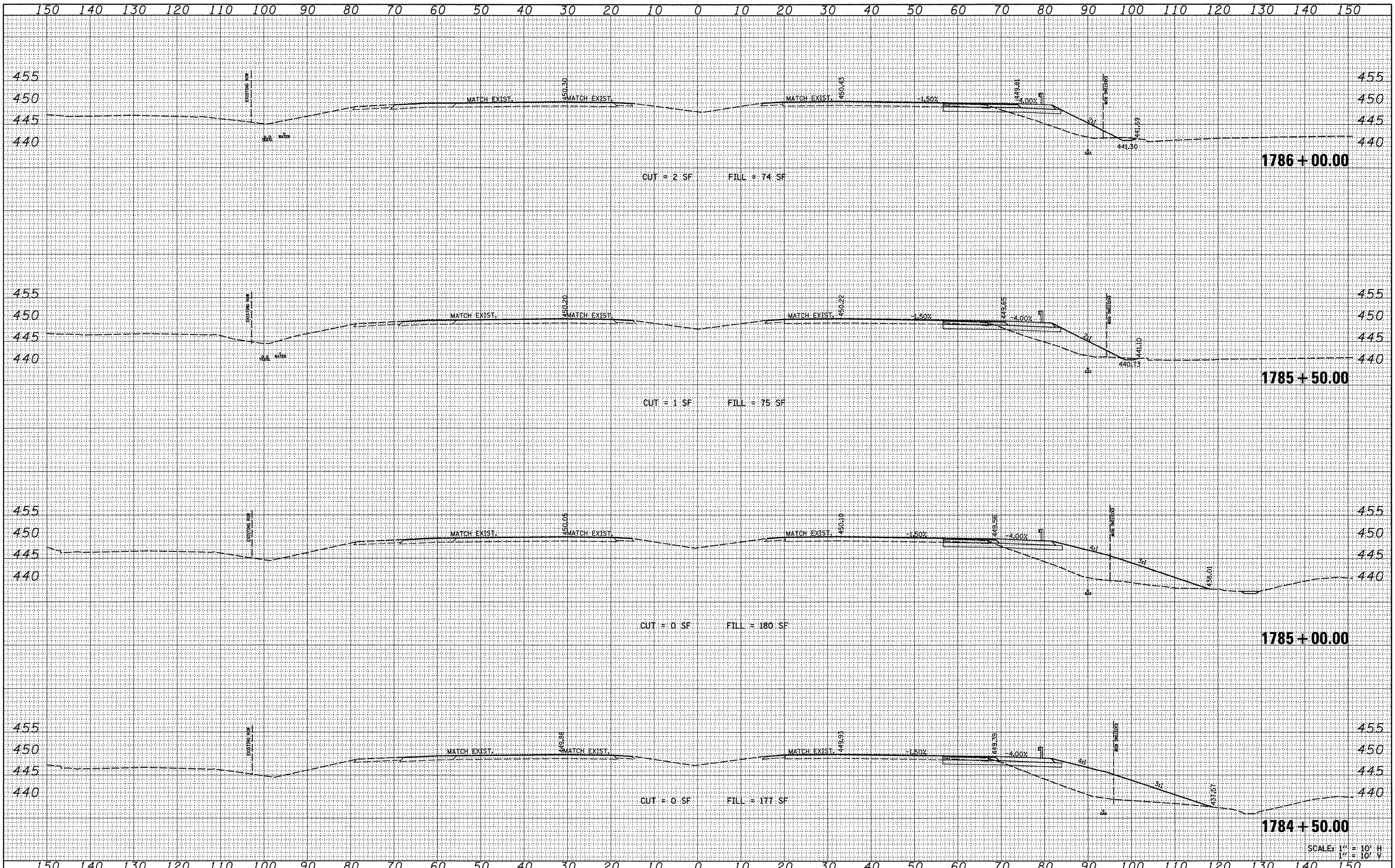


FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN -	REVISED -				*	(X1-6-2K-1)(1X-1R-4)	WILLIAMSON	194	146
PLOT SCALE = \$SCALE\$		CHECKED -	REVISED -				* I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194
PLOT DATE = \$DATE\$		DATE -	REVISED -				FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCALE: 1" = 10' H
1" = 10' V
SCALE: 1" = 10'
SHEET NO. 5 OF 13 SHEETS
STA. 1783+50.00 TO STA. 1784+00.00

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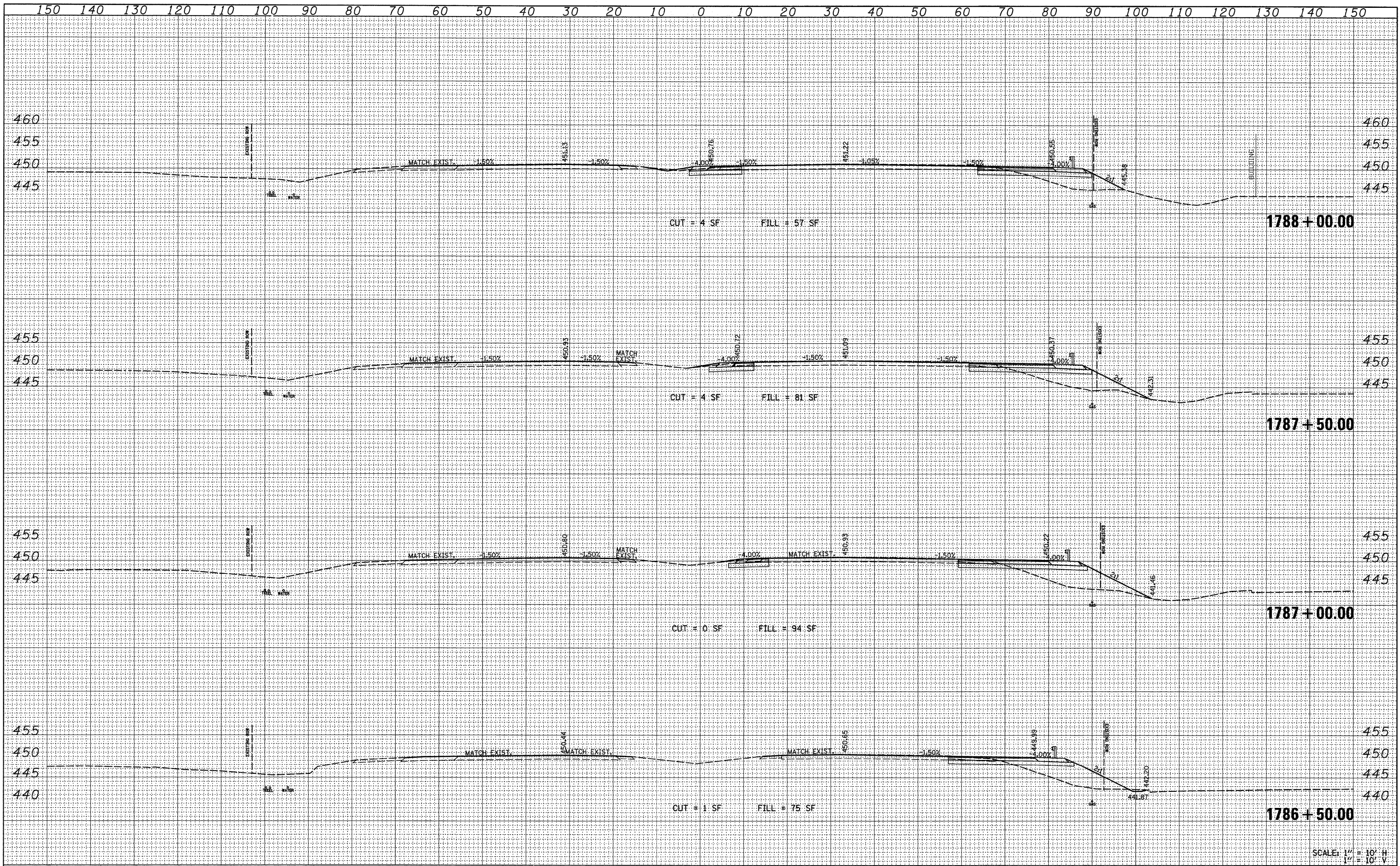


FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 6 OF 13 SHEETS	STA. 1784+50.00 TO STA. 1786+00.00	*	(X1-6-2)K-1;(1)X-1)R-4	WILLIAMSON	194	147	
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)					CONTRACT NO. 78194
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' H
1" = 10' V

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USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE = #SCALE#	DRAWN -	REVISED -
PLOT DATE = #DATE#	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL RT 13 CROSS SECTIONS

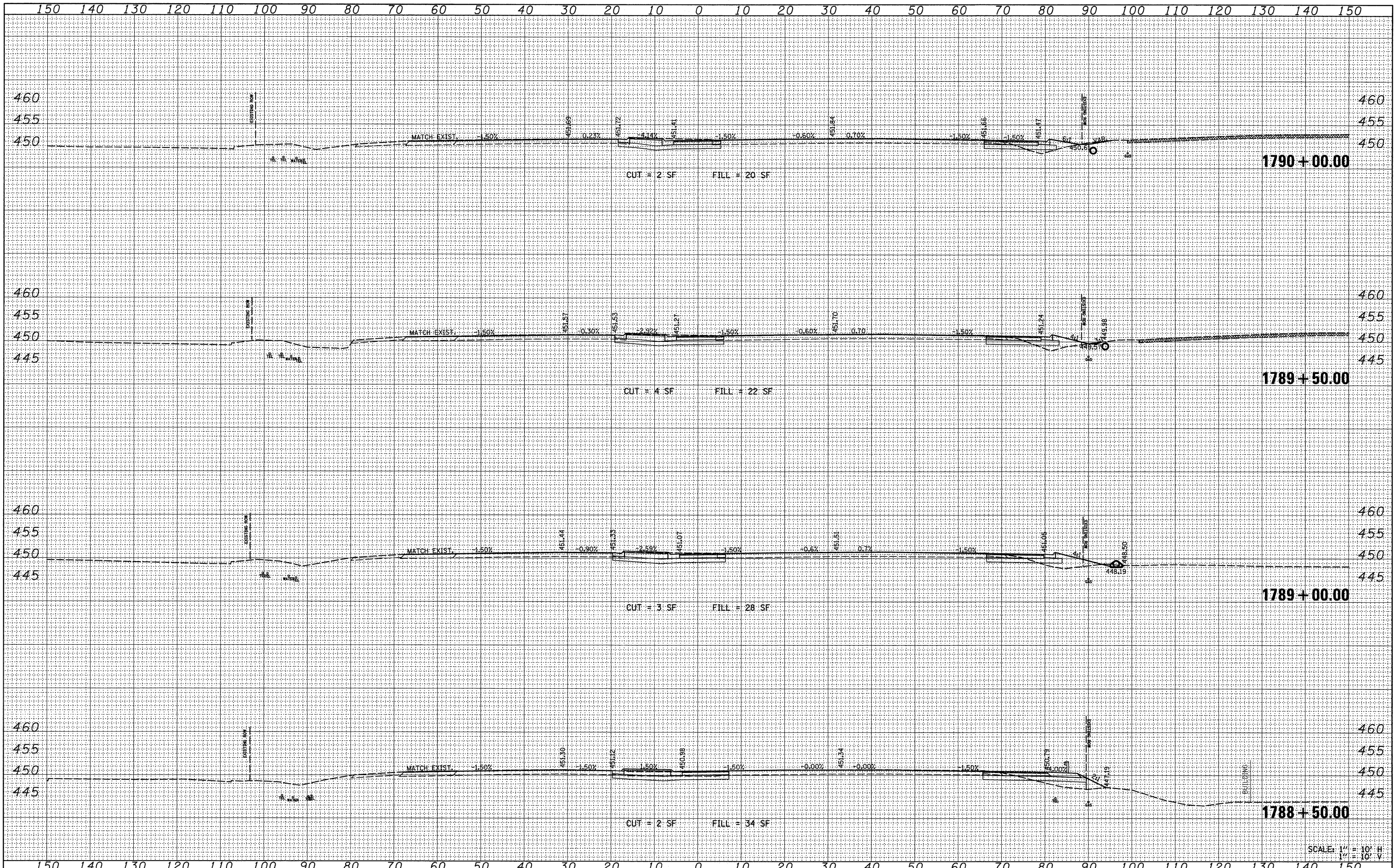
SCALE: 1" = 10'
 SHEET NO. 7 OF 13 SHEETS
 STA. 1786+50.00 TO STA. 1788+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	01-6-2K-1;(1X-1)R-4	WILLIAMSON	194	148
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCALE: 1" = 10' H
 1" = 10' V

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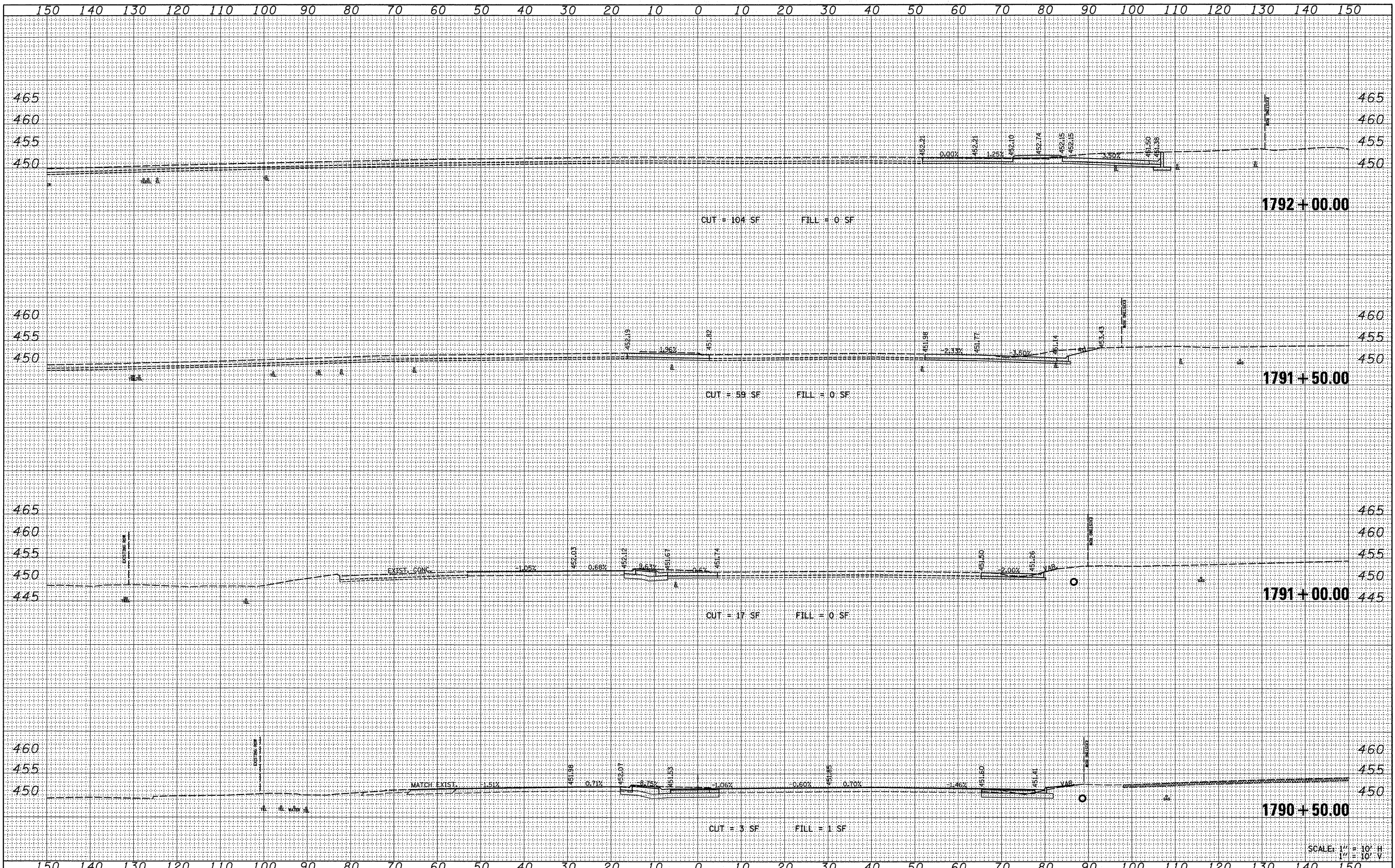


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331)	WILLIAMSON	194	149	
PLOT SCALE = *SCALE*		CHECKED -	REVISED -			CONTRACT NO. 78194				
PLOT DATE = *DATE*		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: 1" = 10'						SHEET NO. 8 OF 13 SHEETS		STA. 1788+50.00 TO STA. 1790+00.00		

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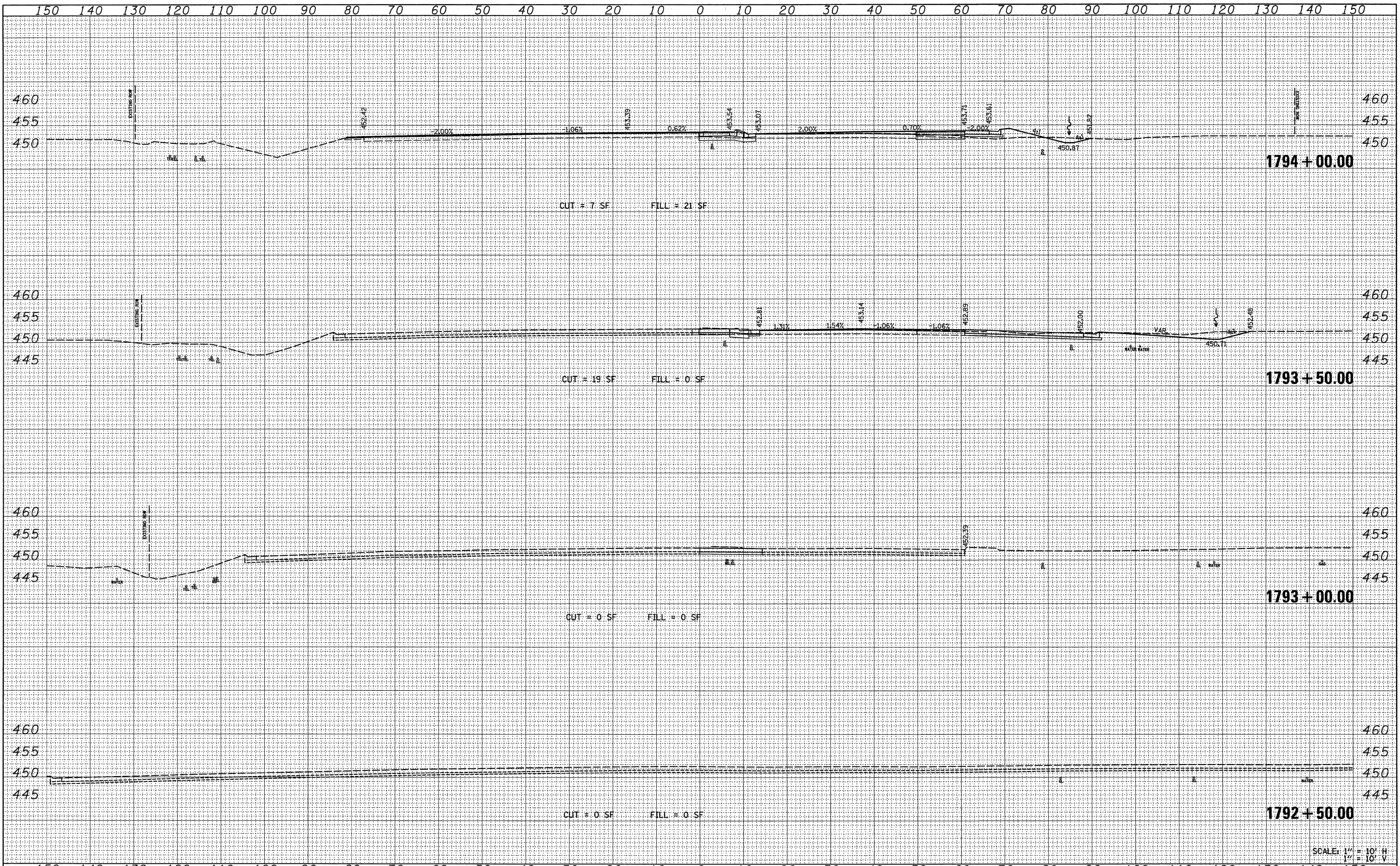


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE#		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 9 OF 13 SHEETS	STA. 1790+50.00 TO STA. 1792+00.00	*	01-6-2K-1(1X-1R-4)	WILLIAMSON	194	150
		CHECKED -	REVISED -		* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194							
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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SCALE: 1" = 10' H
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

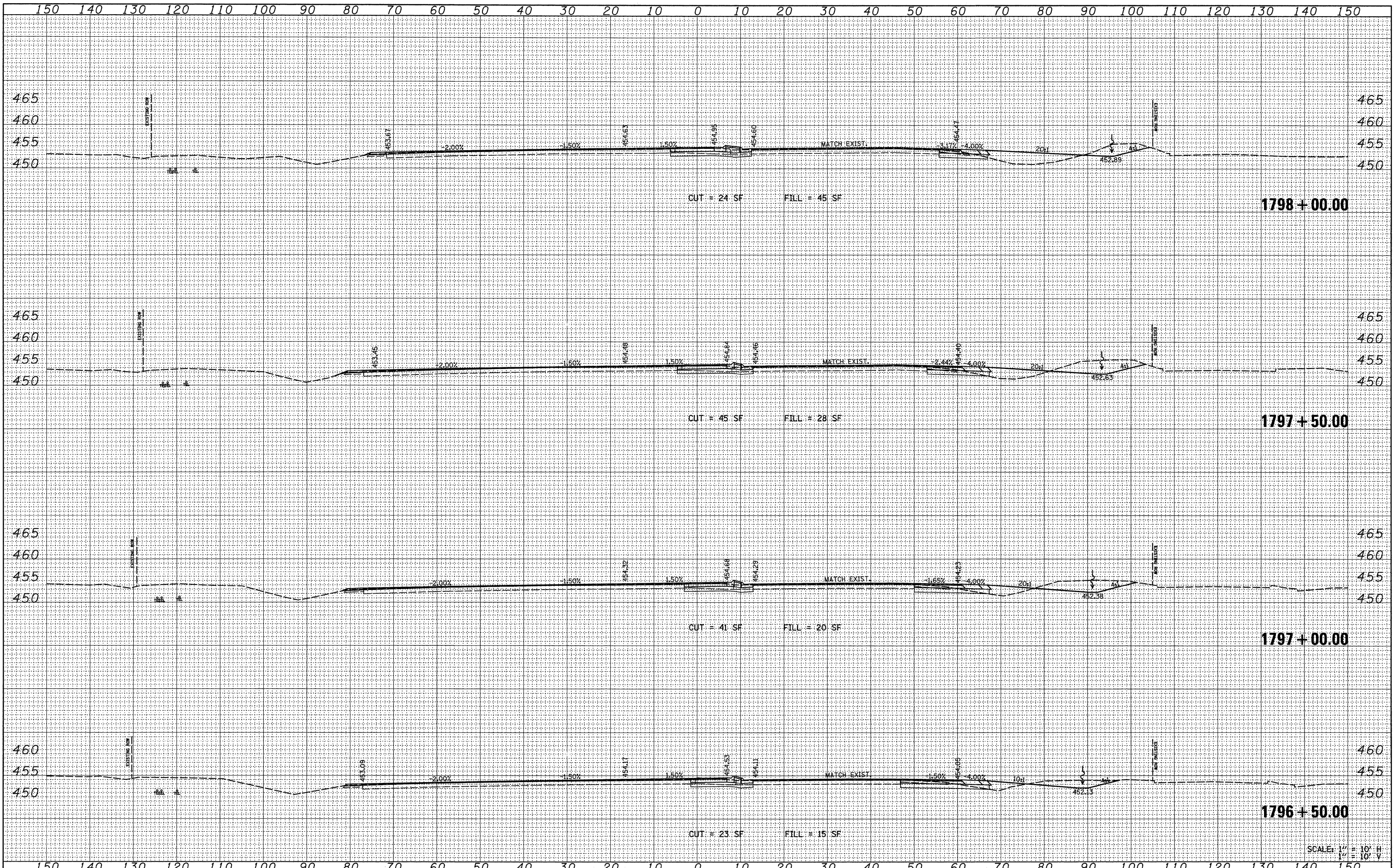
IL RT 13 CROSS SECTIONS

SCALE: 1" = 10'
SHEET NO. 10 OF 13 SHEETS
STA. 1792+50.00 TO STA. 1794+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	0X1-6-2K-1;(1X-1R-4	WILLIAMSON	194	151
* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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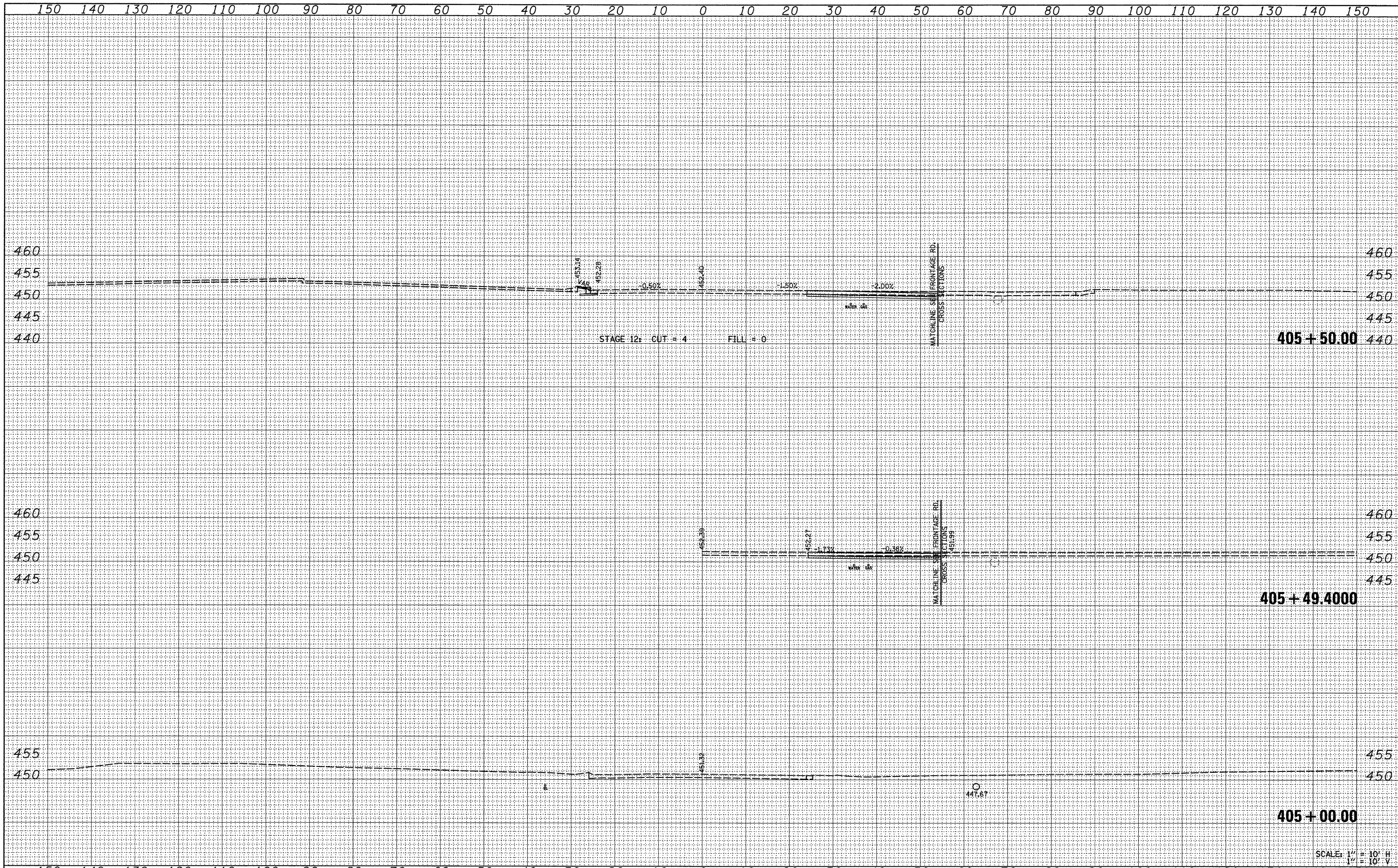


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 13 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -		SCALE: 1" = 10' SHEET NO. 12 OF 13 SHEETS STA. 1796+50.00 TO STA. 1798+00.00			*	(X1-6-2K-1)(1X-1R-4)	WILLIAMSON	194	153	
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)					CONTRACT NO. 78194
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

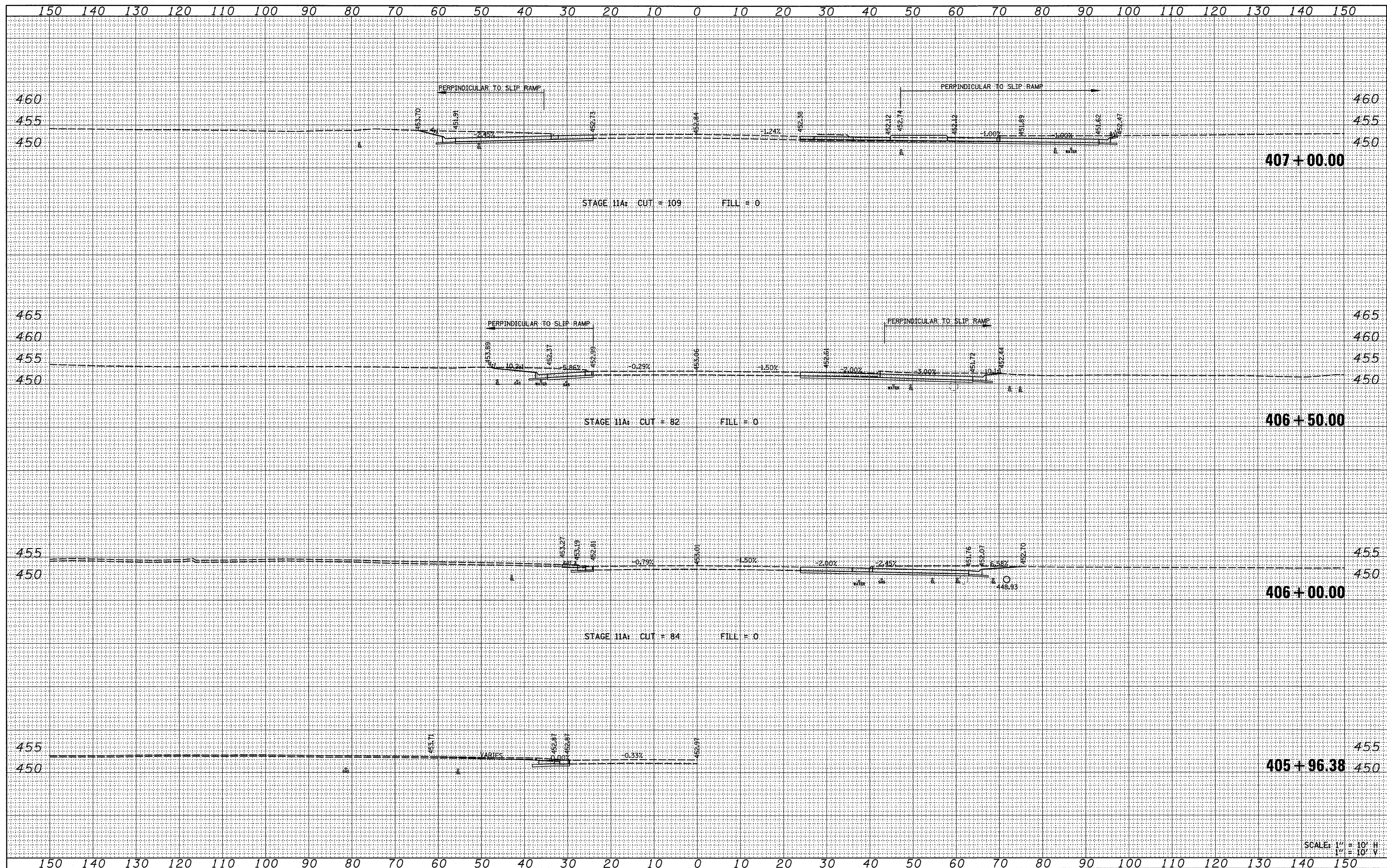
FINAL SURVEY	DATE
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ORIGINAL SURVEY	DATE
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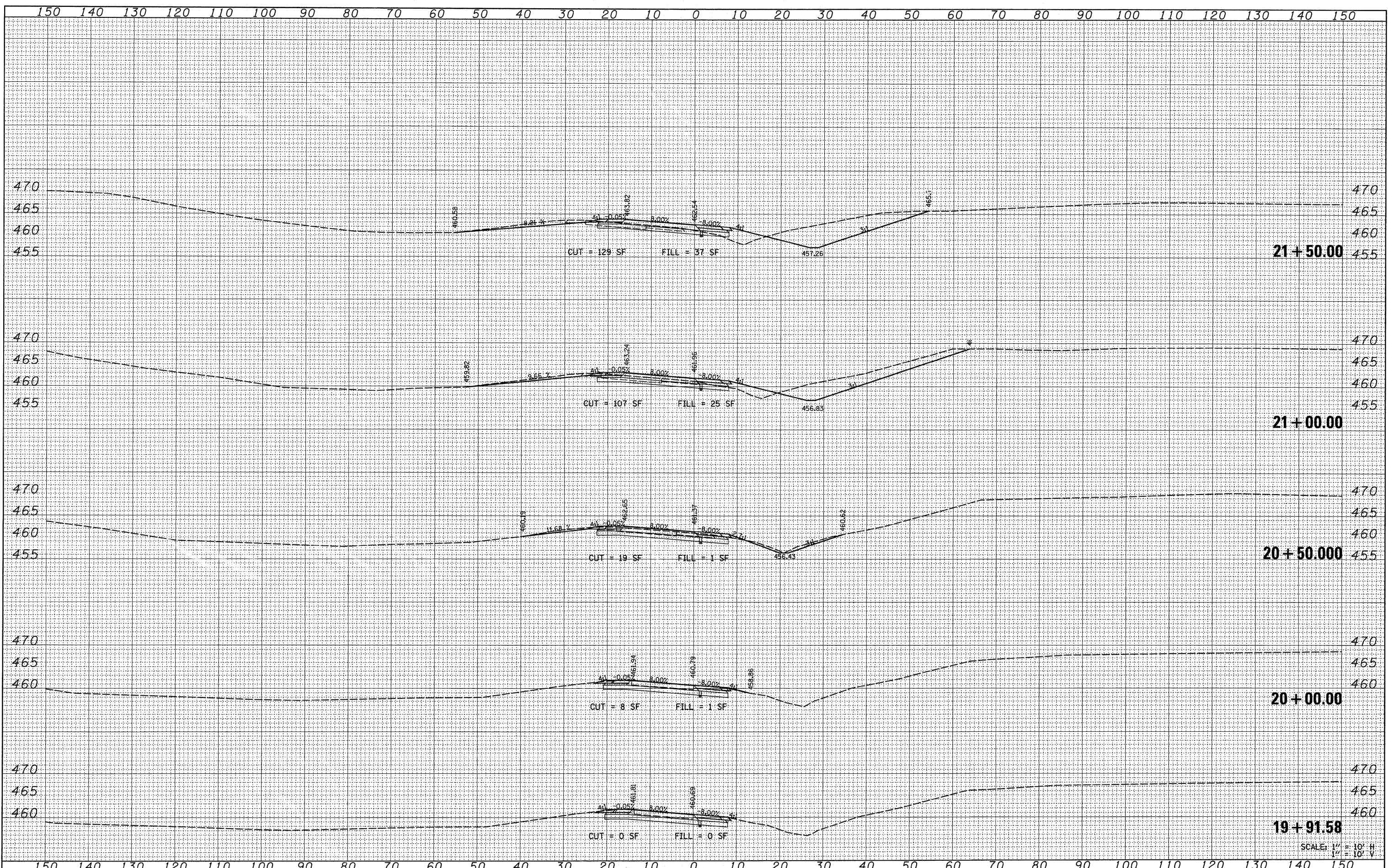


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HALFWAY ROAD CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN -	REVISED -			* (X1-6-2K-1)(X-1R-4	WILLIAMSON	194	156	
PLOT SCALE = #SCALE*		CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO.	78194		
PLOT DATE = #DATE*		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCALE: 1" = 10'						SHEET NO. 2 OF 2 SHEETS		STA. 405+96.38 TO STA. 407+00.00		

FINAL SURVEY	SURVEYED	BY	DATE
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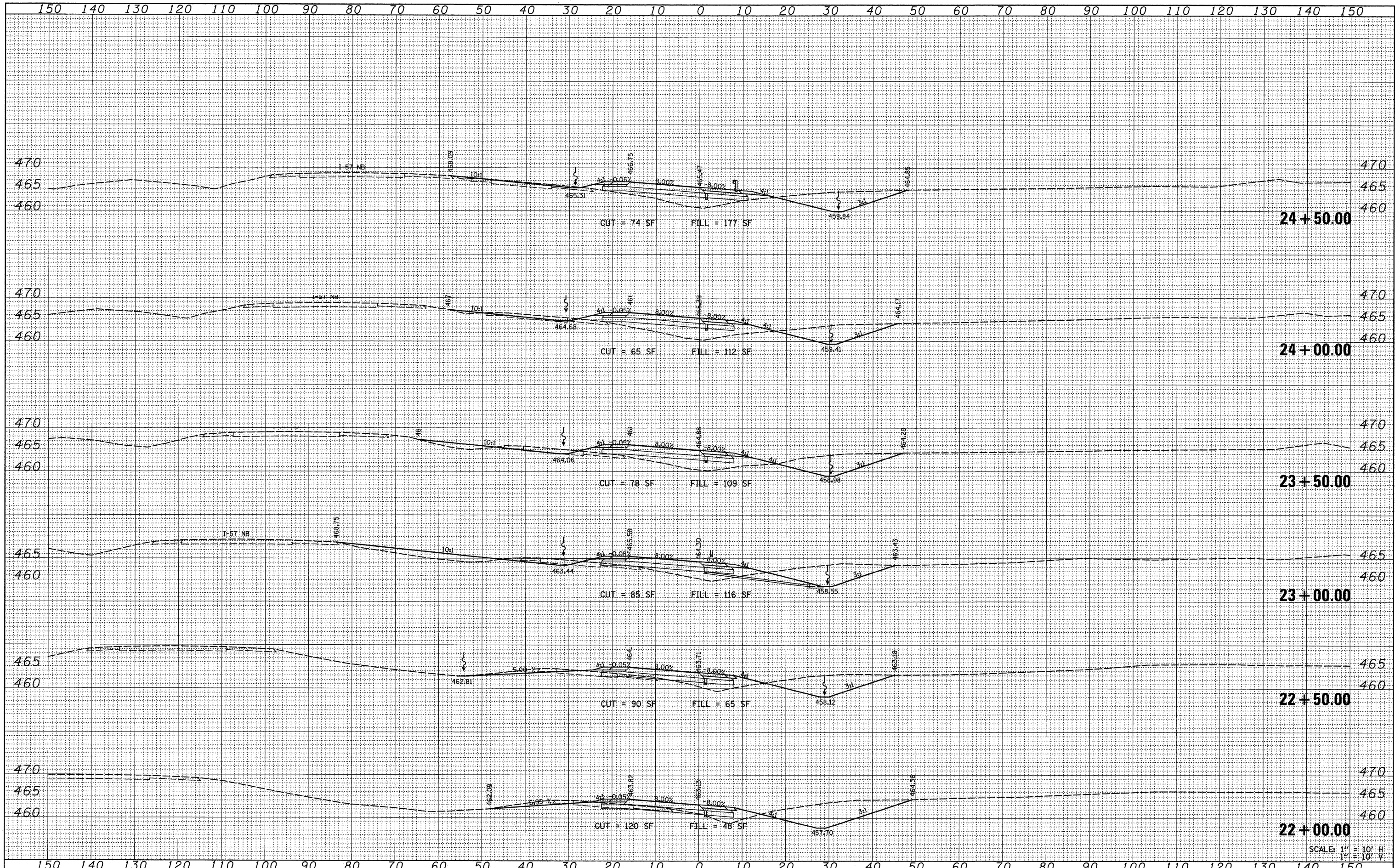
ORIGINAL SURVEY	SURVEYED	BY	DATE
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 1 OF 11 SHEETS	STA. 19+91.58 TO STA. 21+50.00	*	(X1-6-2K-1)(1X-1)R-4	WILLIAMSON	194	157
PLOT SCALE = *SCALE*		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO.	78194
PLOT DATE = *DATE*		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

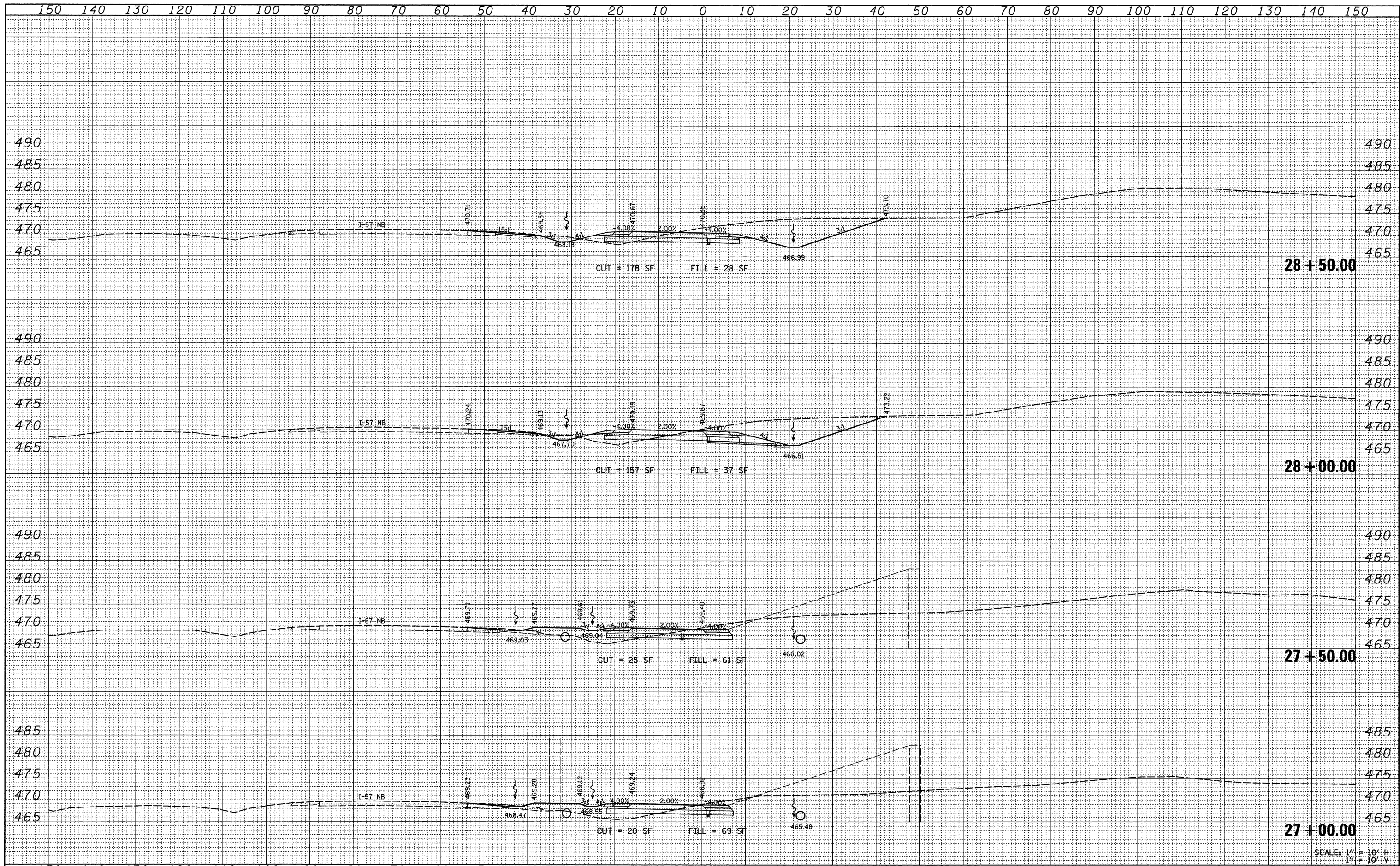
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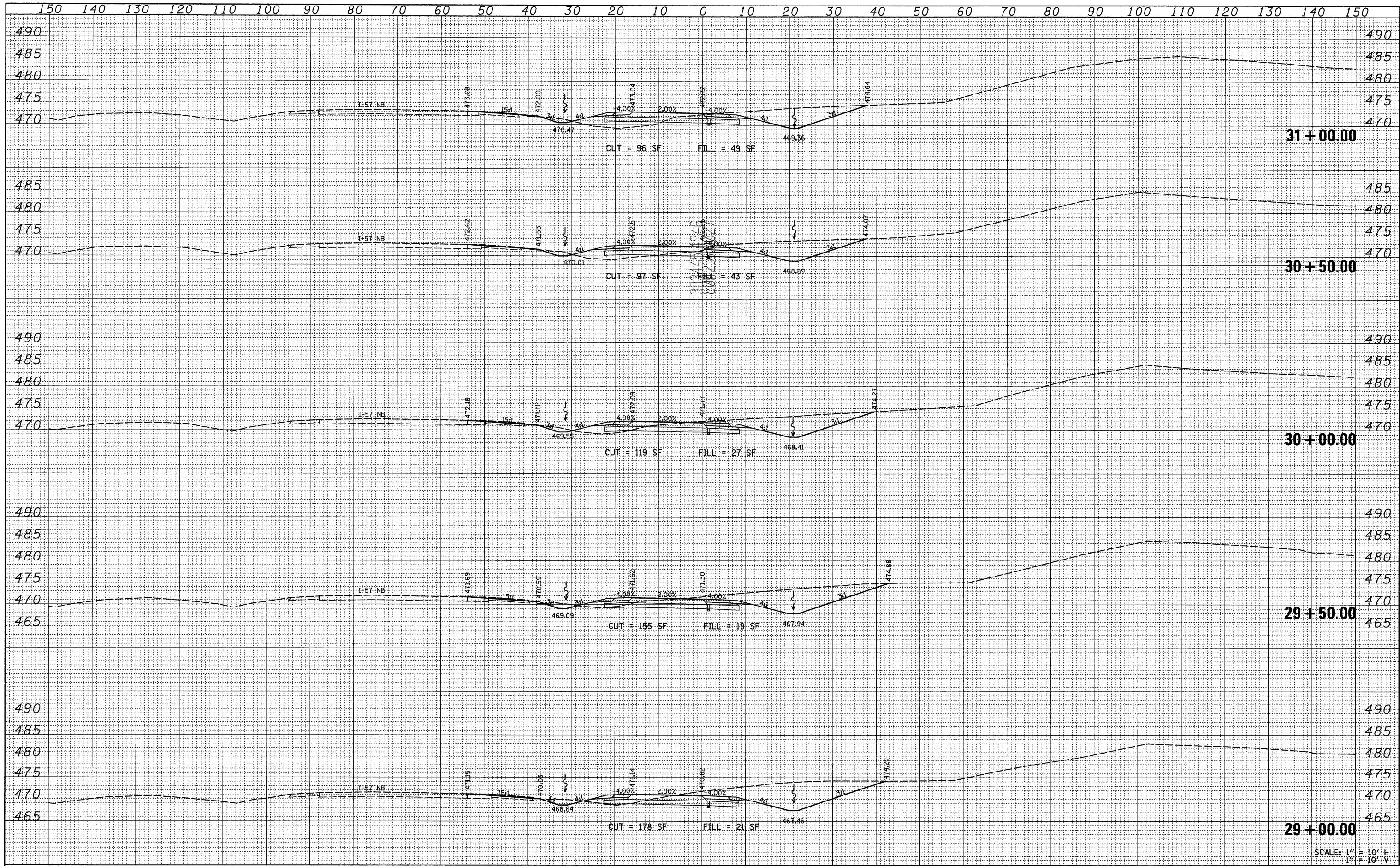


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 4 OF 11 SHEETS	STA. 27+00.00 TO STA. 28+50.00	*	(X1-6-2K-1(I)-IR-4	WILLIAMSON	194	160
		CHECKED -	REVISED -		* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194							
		DATE -	REVISED -		[ILLINOIS] FED. AID PROJECT							

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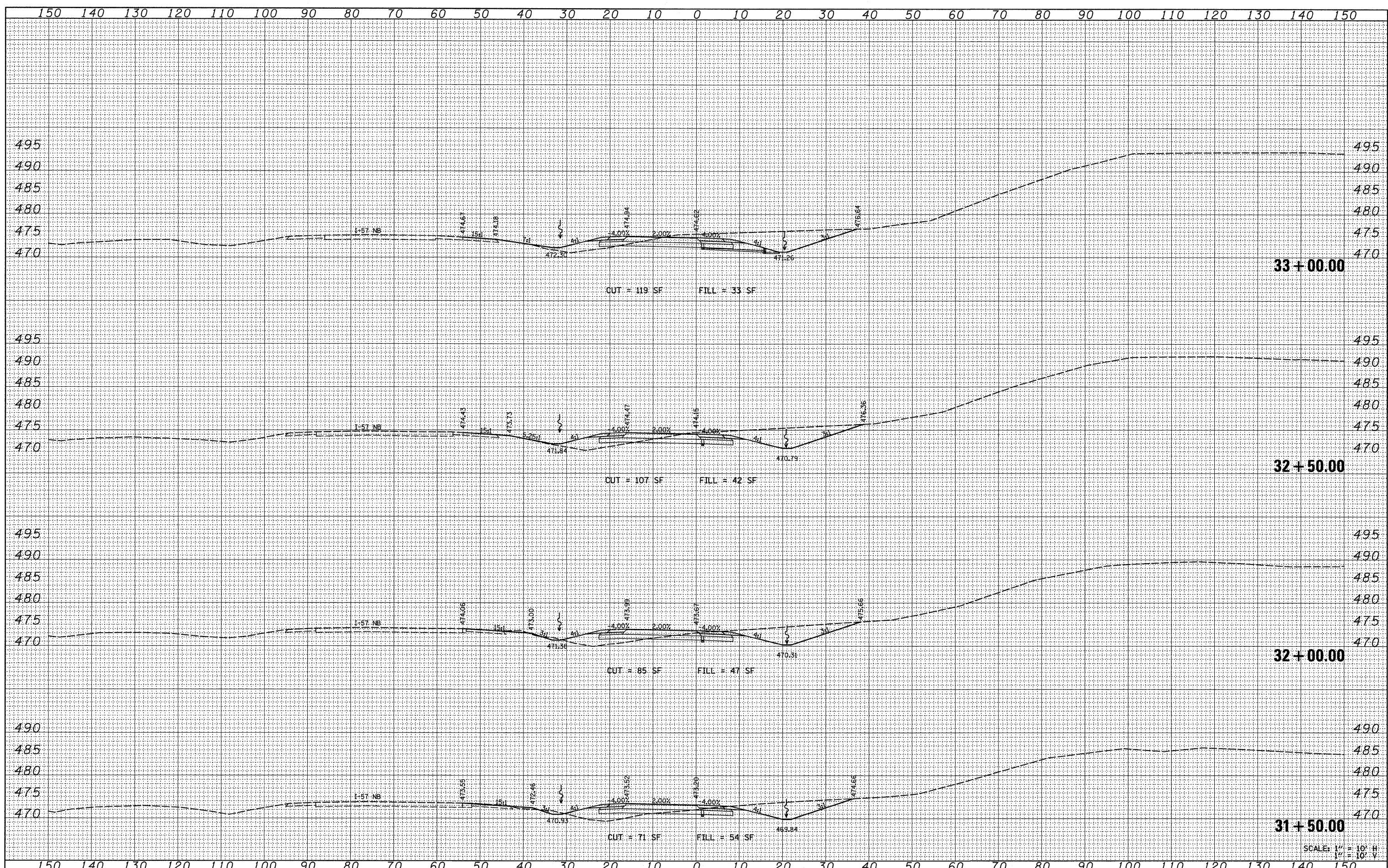


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN -	REVISED -					*	(X1-6-2K-1(1X-1)R-4	WILLIAMSON	194	161
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194			
	PLOT DATE = *DATE*	DATE -	REVISED -					[ILLINOIS] FED. AID PROJECT				
				SCALE: 1" = 10'			SHEET NO. 5 OF 11 SHEETS		STA. 29+00.00 TO STA. 31+00.00			

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SCALE: 1" = 10' H
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

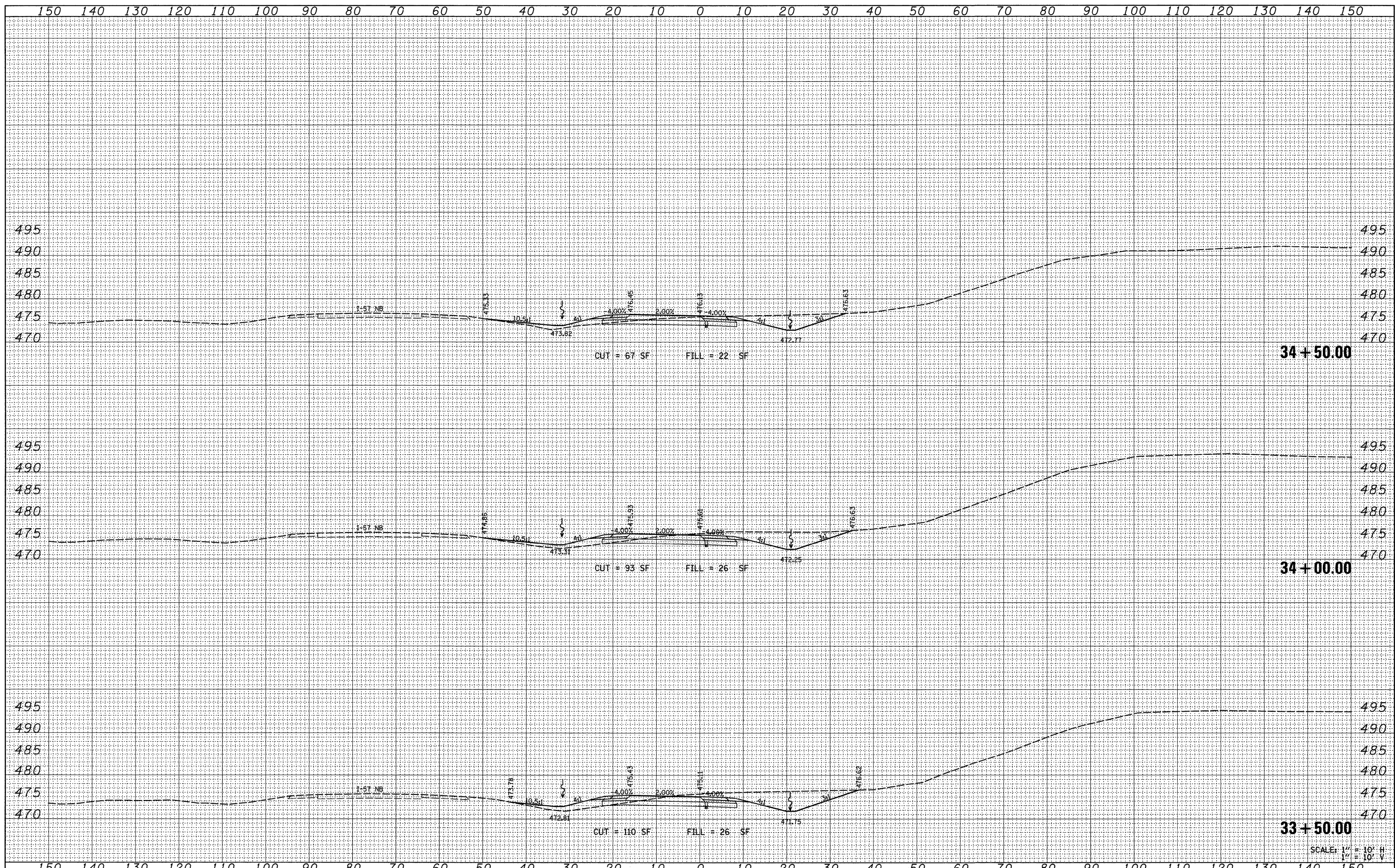
RAMP A CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 6 OF 11 SHEETS STA. 31+50.00 TO STA. 33+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)(X-1)(X-1)R-4	WILLIAMSON	194	162
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
[ILLINOIS] FED. AID PROJECT				

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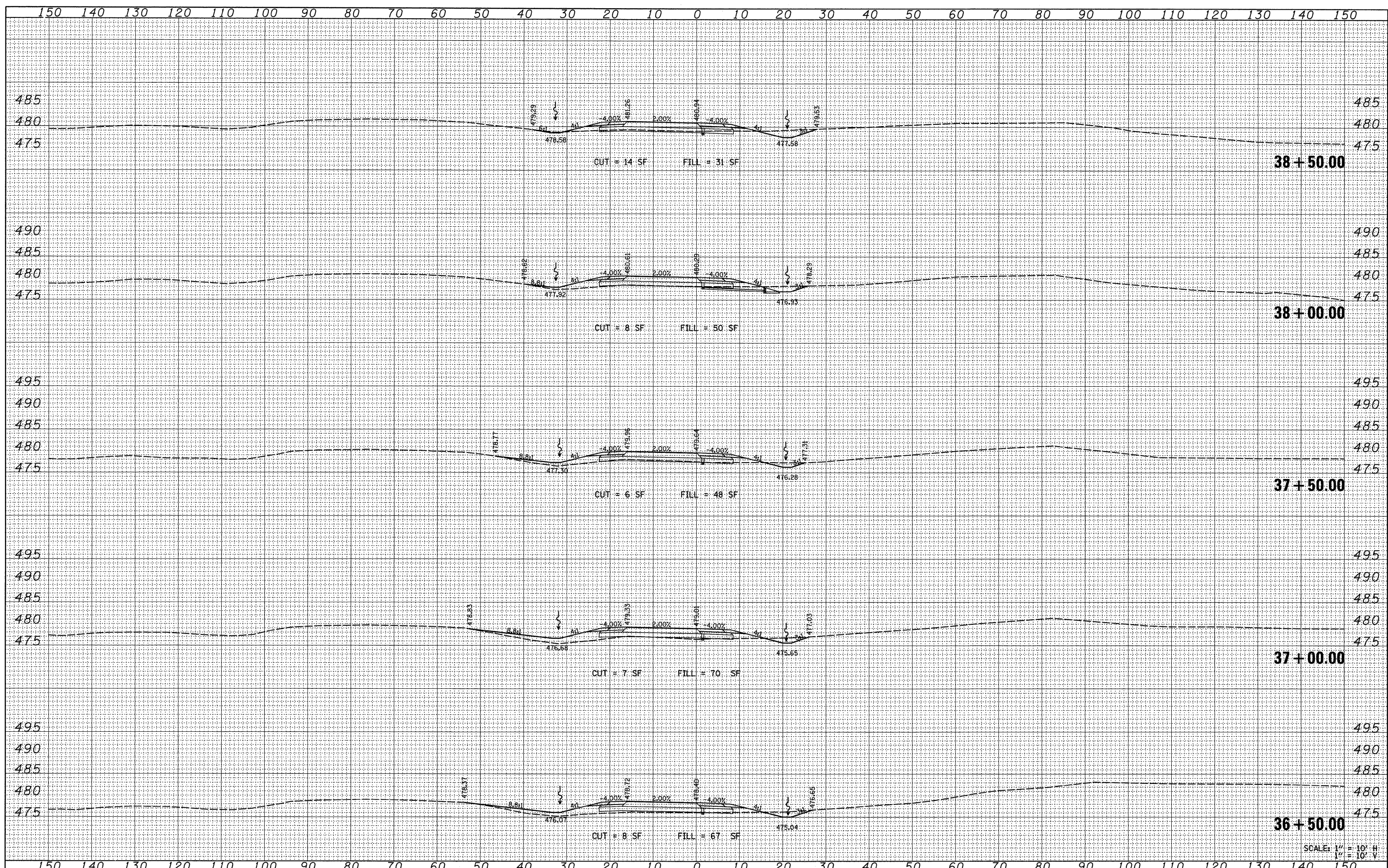
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FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -				*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	163
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -				* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO.	78194	
	PLOT DATE = #DATE#	DATE -	REVISED -				[ILLINOIS] FED. AID PROJECT				
				SCALE: 1" = 10' H 1" = 10' V		SHEET NO. 7 OF 11 SHEETS		STA. 33+50.00 TO STA. 34+50.00			

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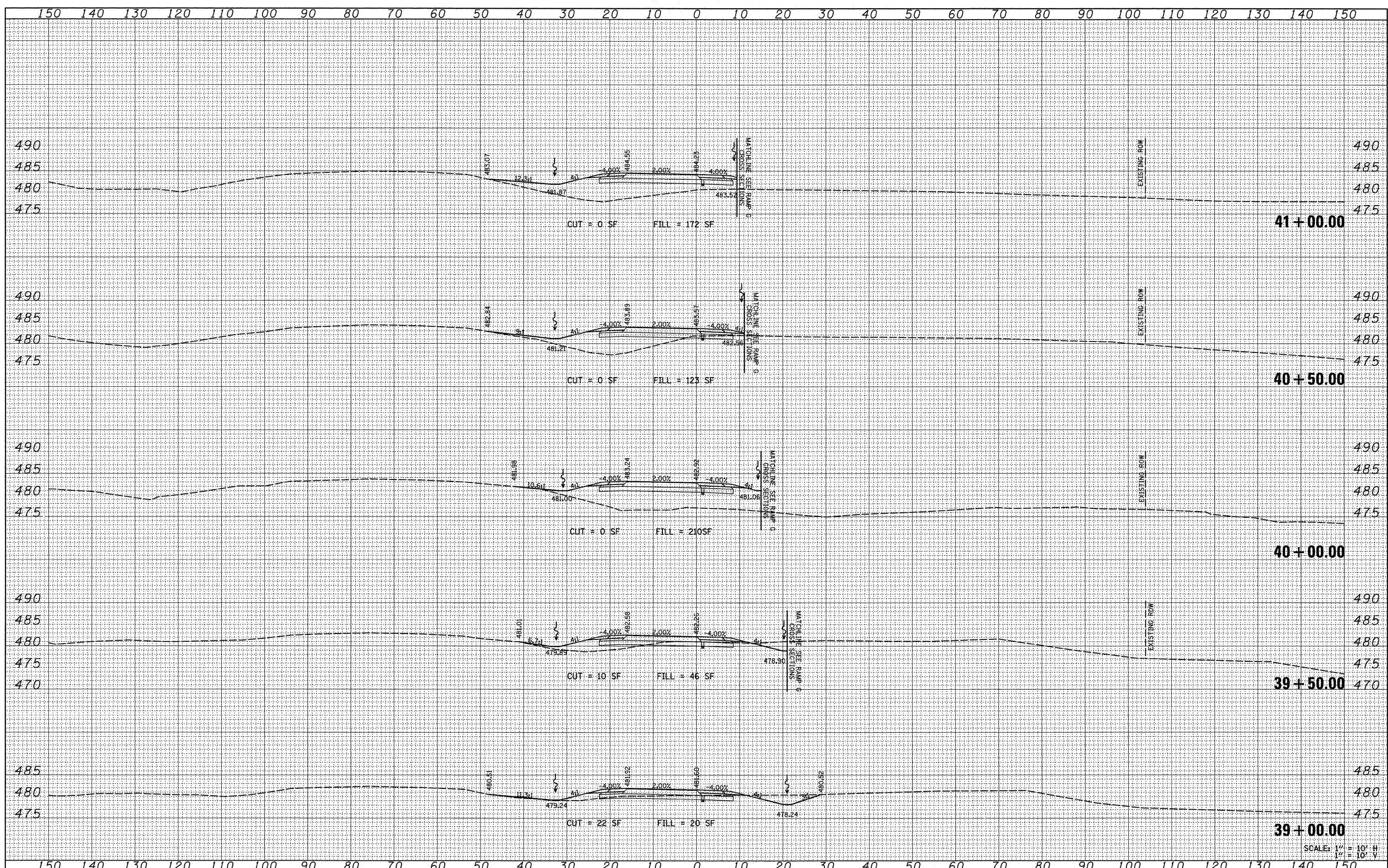


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					*	(X1-6-2K-1)(X-1R-4	WILLIAMSON	194	165
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194			
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 10'			SHEET NO. 9 OF 11 SHEETS		STA. 36+50.00 TO STA. 38+50.00			

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NOTE BOOK	
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SCALE: 1" = 10' H
1" = 10' V

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

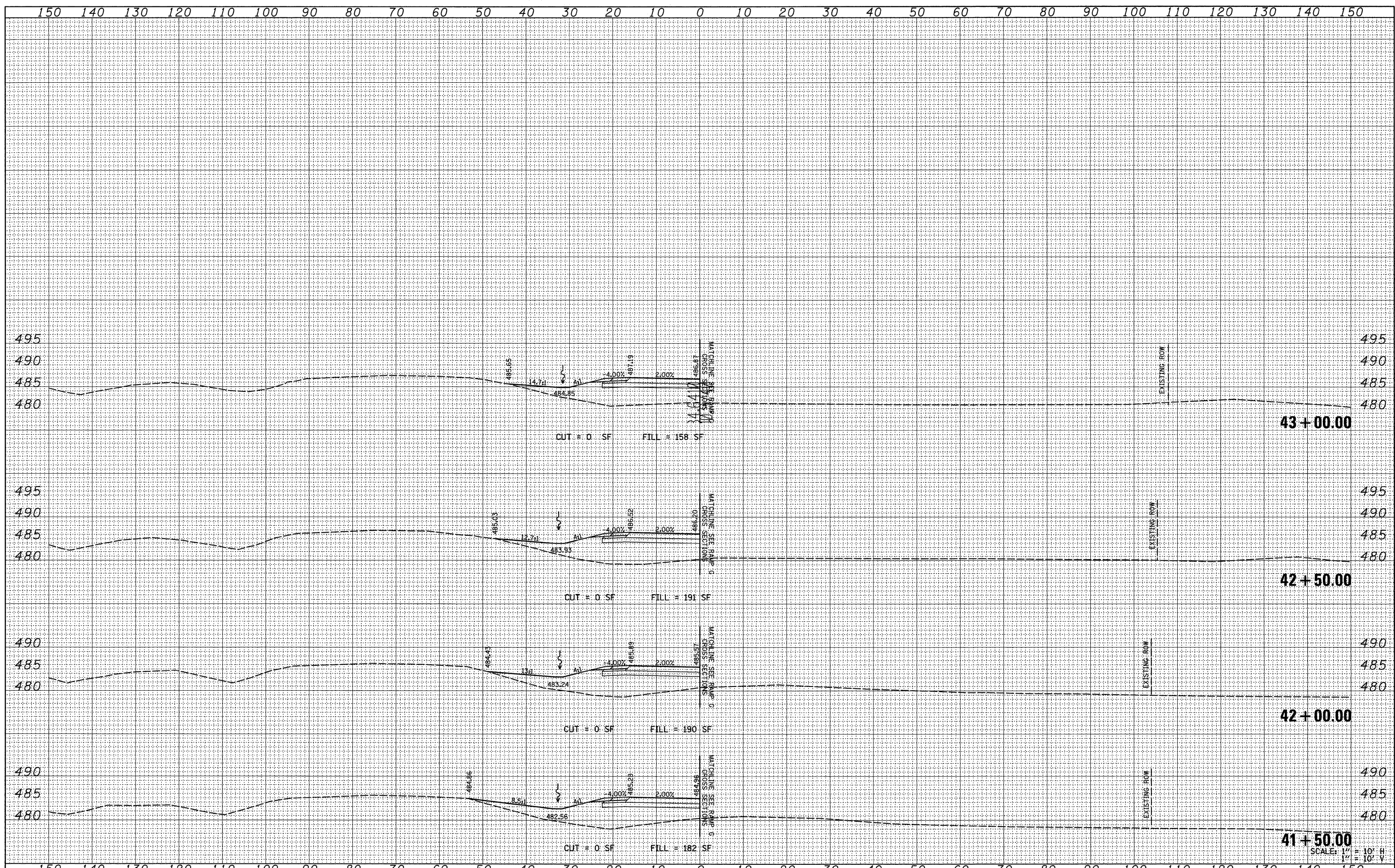
RAMP A CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 10 OF 11 SHEETS STA. 39+00.00 TO STA. 41+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	166
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
ILLINOIS FED. AID PROJECT				

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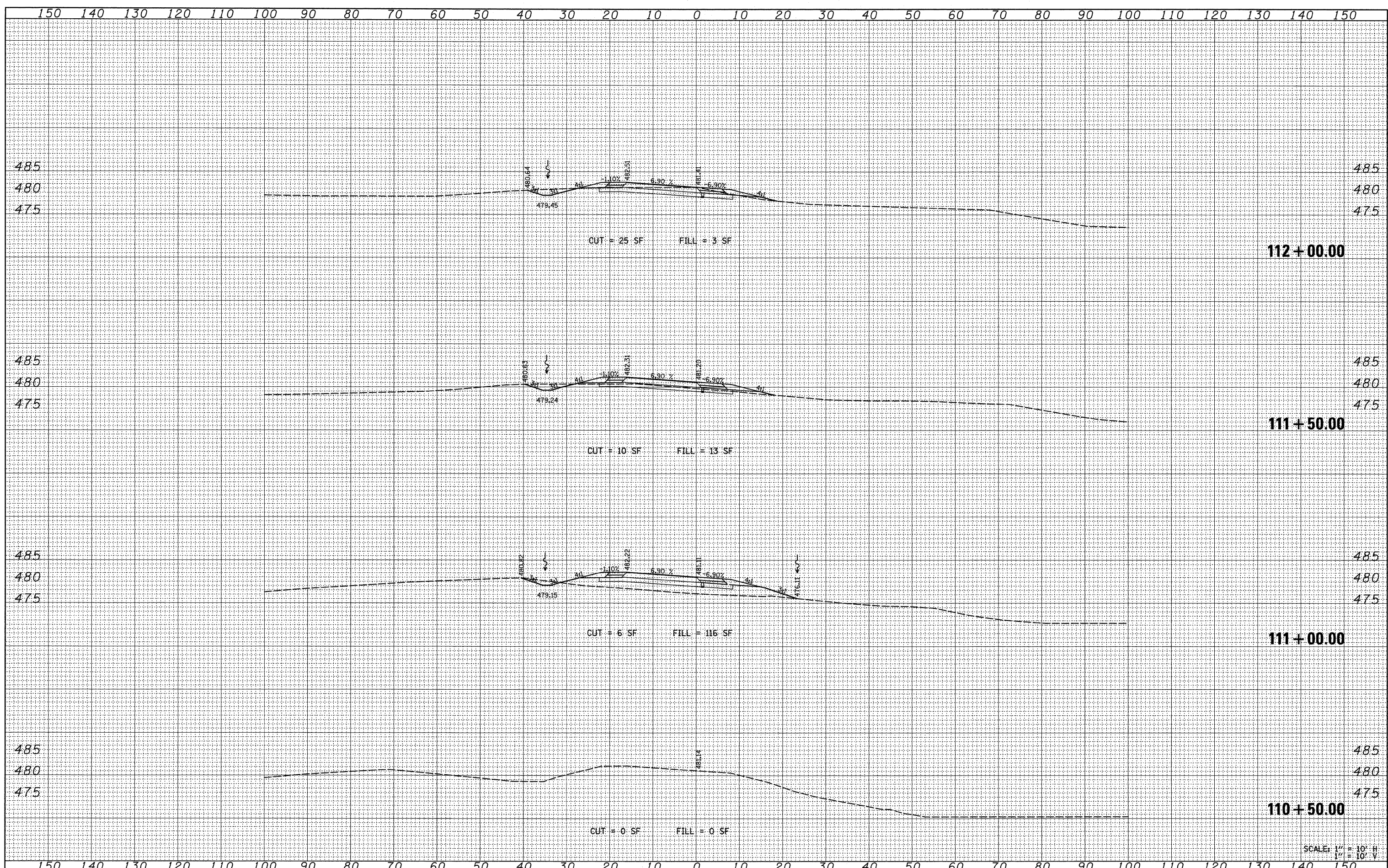
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 11 OF 11 SHEETS	STA. 41+50.00 TO STA. 43+25.07	*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	167	
		CHECKED -	REVISED -					*	I-57/IL 13 (FAI 57/FAP 331)	CONTRACT NO. 78194			
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

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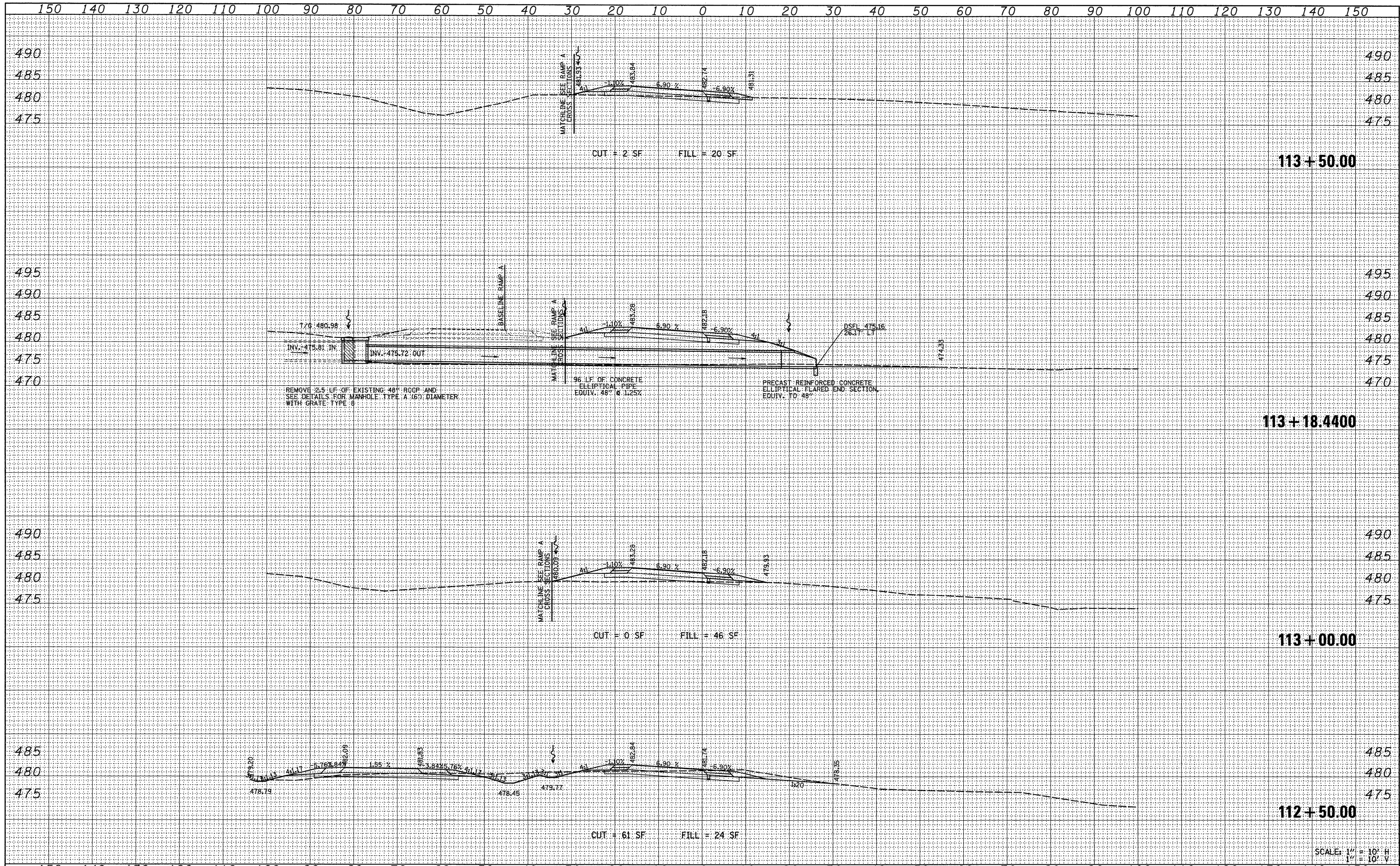
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SCALE: 1" = 10' H
 1" = 10' V

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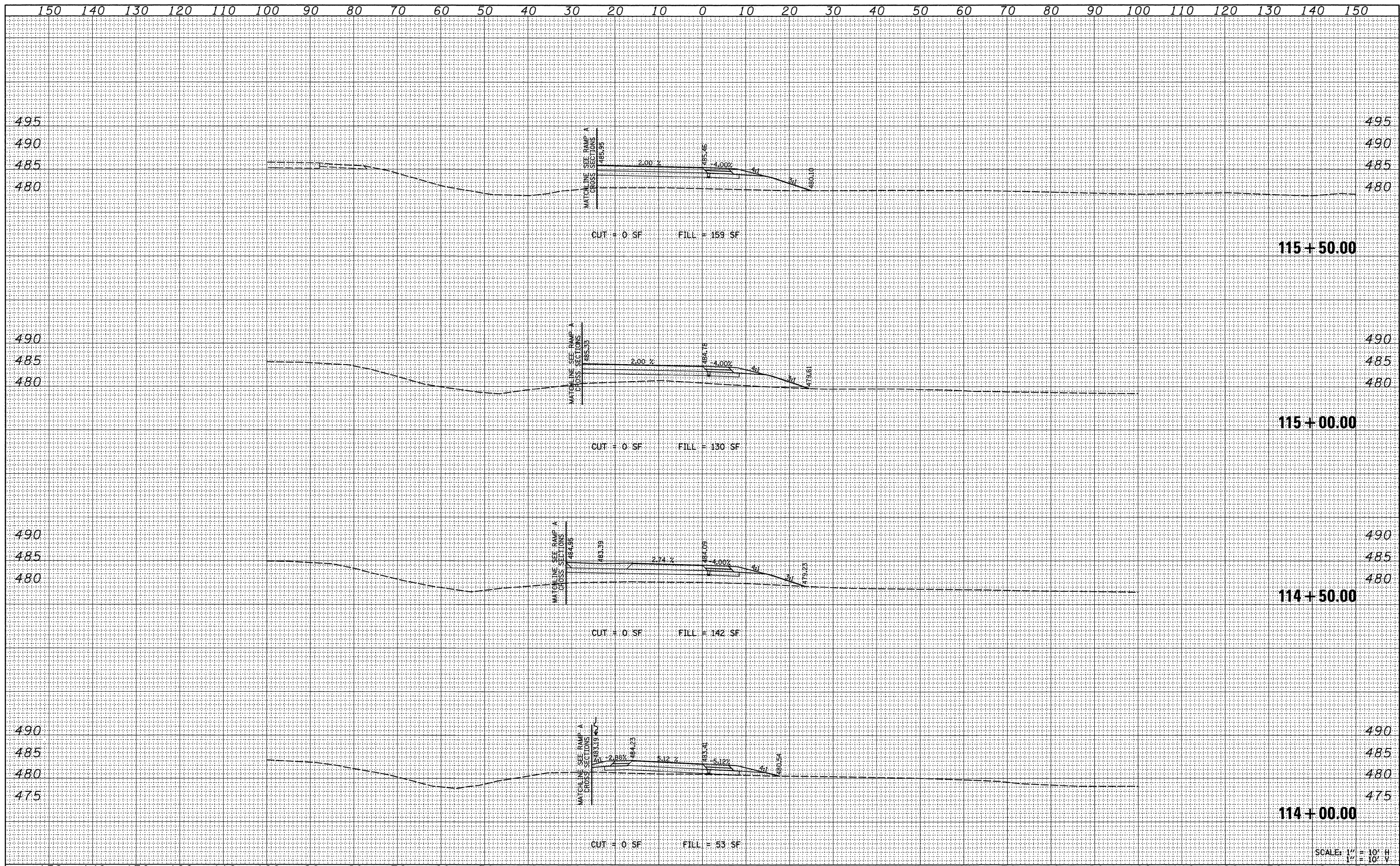


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -		SCALE: 1" = 10' SHEET NO. 2 OF 26 SHEETS STA. 112+50.00 TO STA. 113+50.00			*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	169	
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAF 331)					CONTRACT NO. 78194
		DATE -	REVISED -					FED. ROAD DIST. NO.	[ILLINOIS]	FED. AID PROJECT			

DATE	BY
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NOTE BOOK	TEMPLATE
NO.	AREAS CHECKED

DATE	BY
SURVETED	PLOTTED
NOTE BOOK	TEMPLATE
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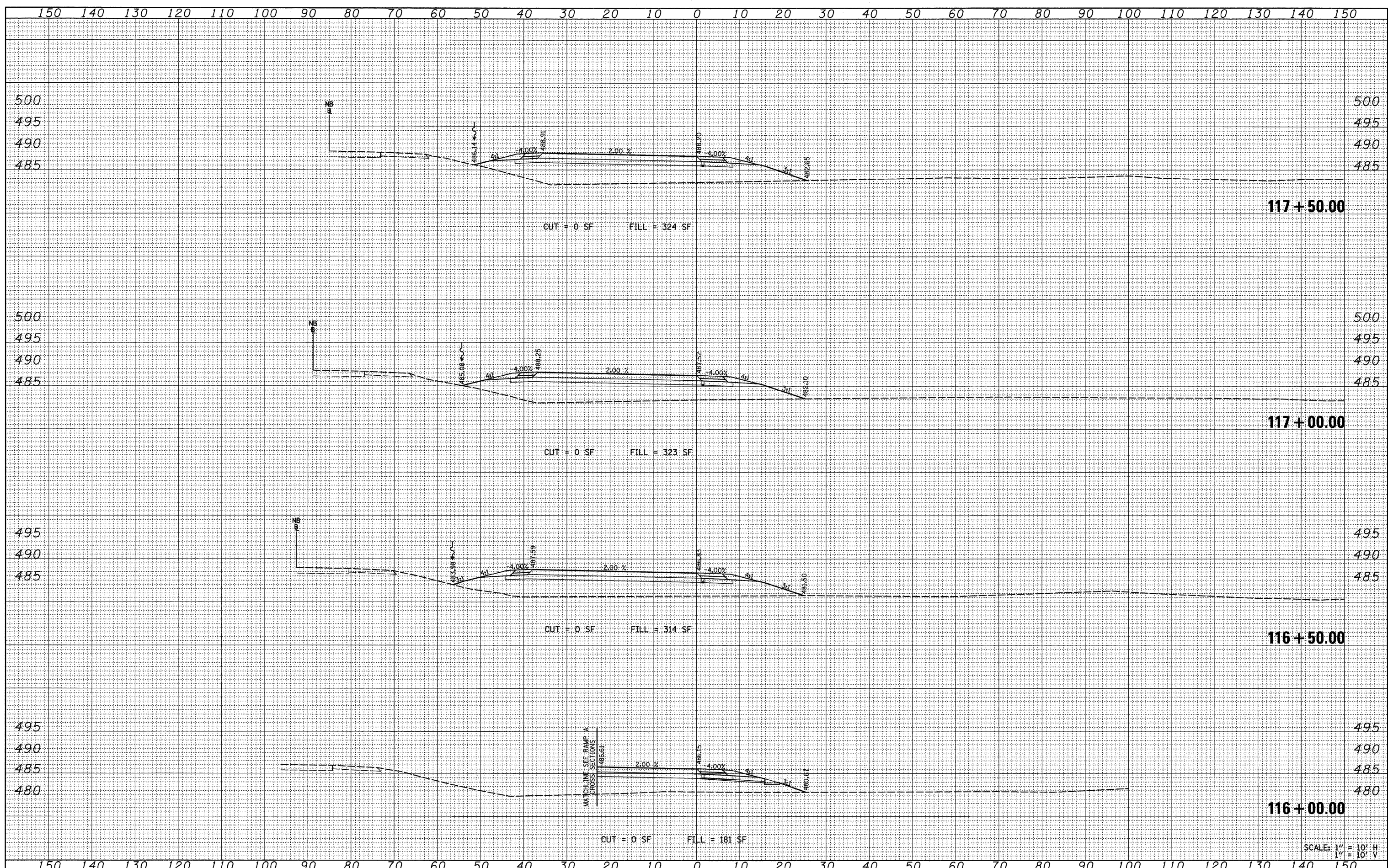


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 3 OF 26 SHEETS	STA. 114+00.00 TO STA. 115+50.00	*	(X1-6-2)K-1(1X-1R-4	WILLIAMSON	194	170
		CHECKED -	REVISED -		* I-57/IL 13 (FAI 57/FAP 331) CONTRACT NO. 78194							
		DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

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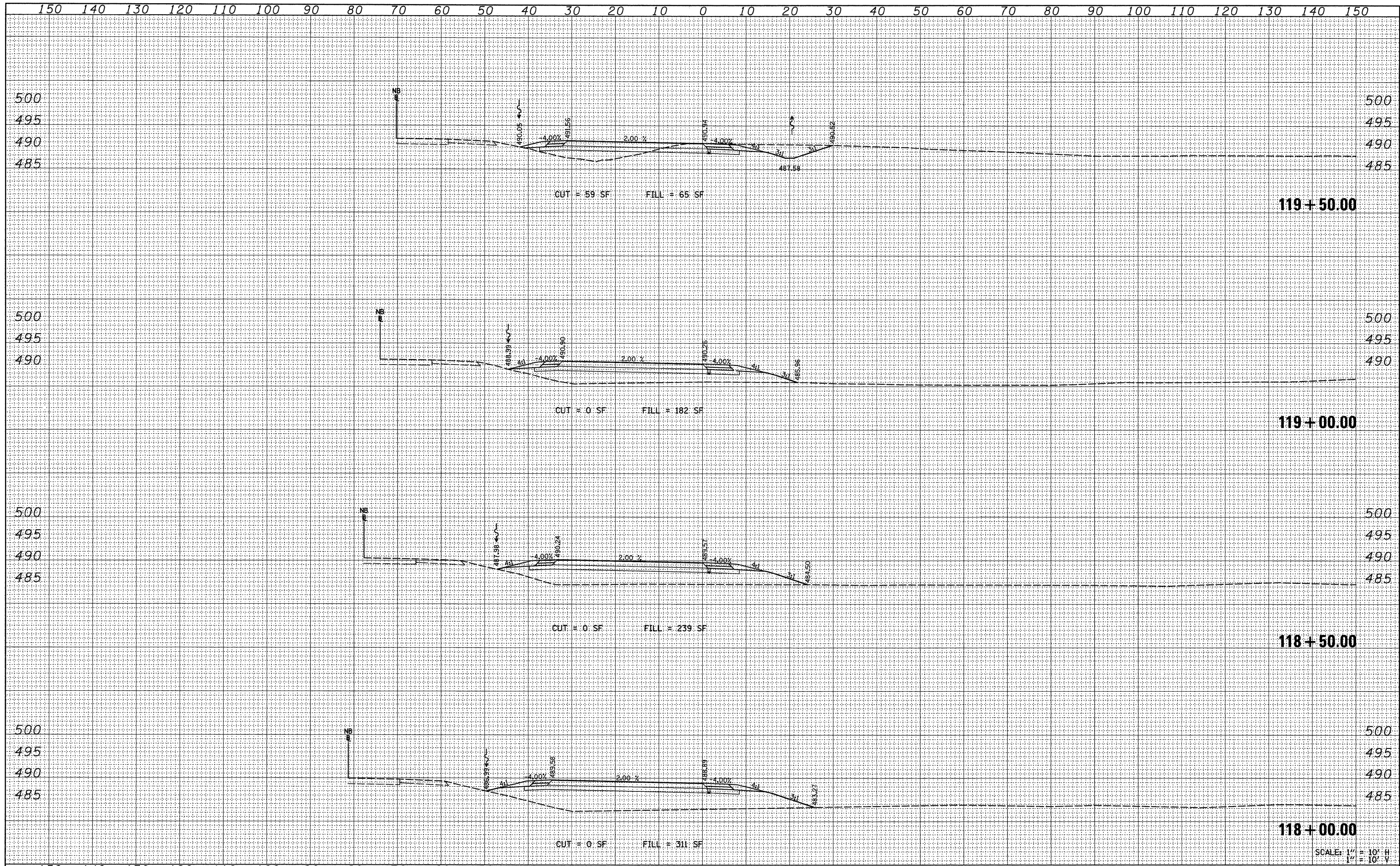
SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -			*	(X1-6-2)K-1/2(X-1)R-4	WILLIAMSON	194	171
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			* I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194
	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCALE: 1" = 10' SHEET NO. 4 OF 26 SHEETS STA. 116+00.00 TO STA. 117+50.00

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ORIGINAL SURVEY	
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TEMPLATE	
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SCALE: 1" = 10' H
1" = 10' V

FILE NAME =
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USER NAME = #USER#
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

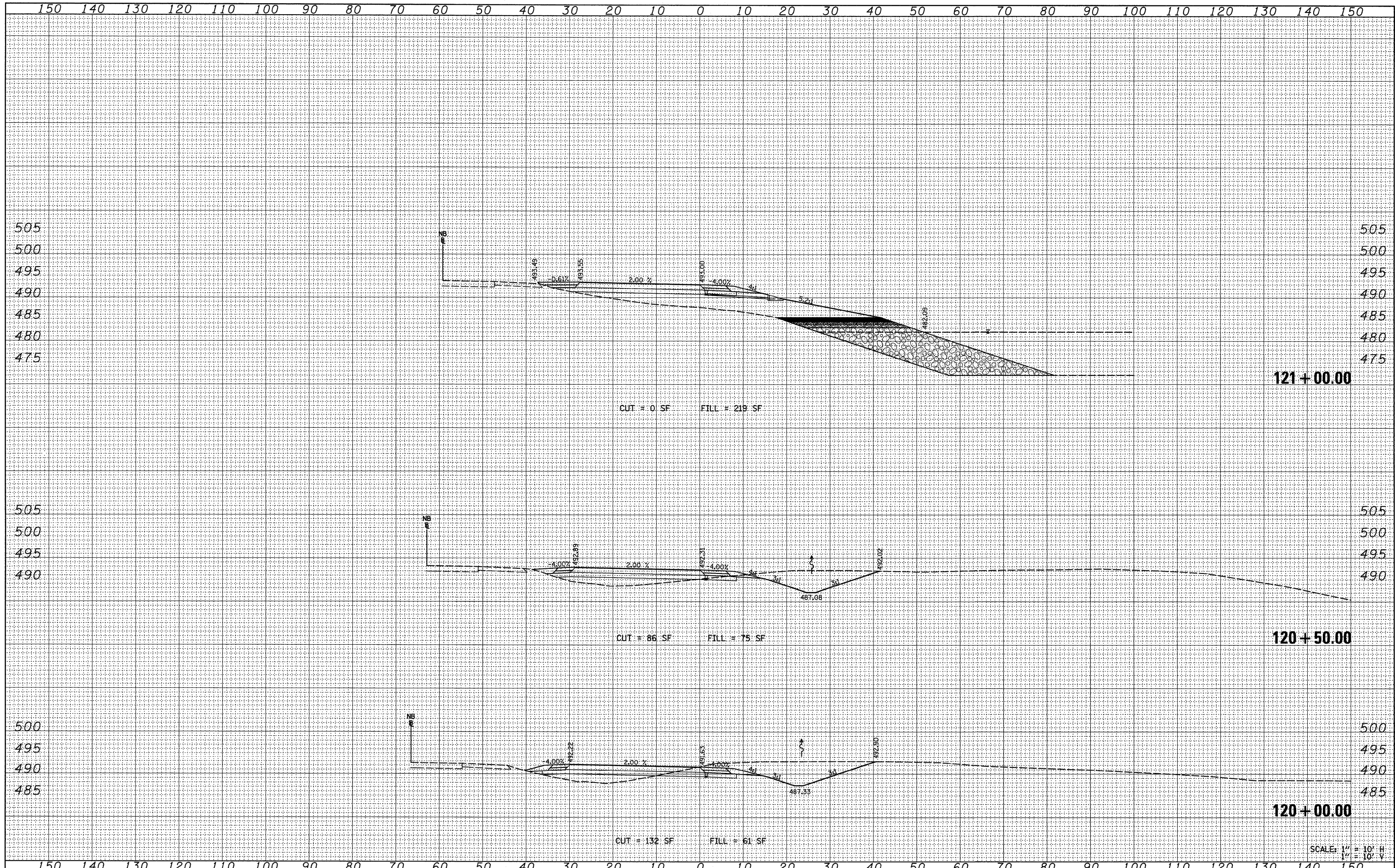
RAMP G CROSS SECTIONS

SCALE: 1" = 10'
SHEET NO. 5 OF 26 SHEETS
STA. 118+00.00 TO STA. 119+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)X-1r(1X-1R-4	WILLIAMSON	194	172
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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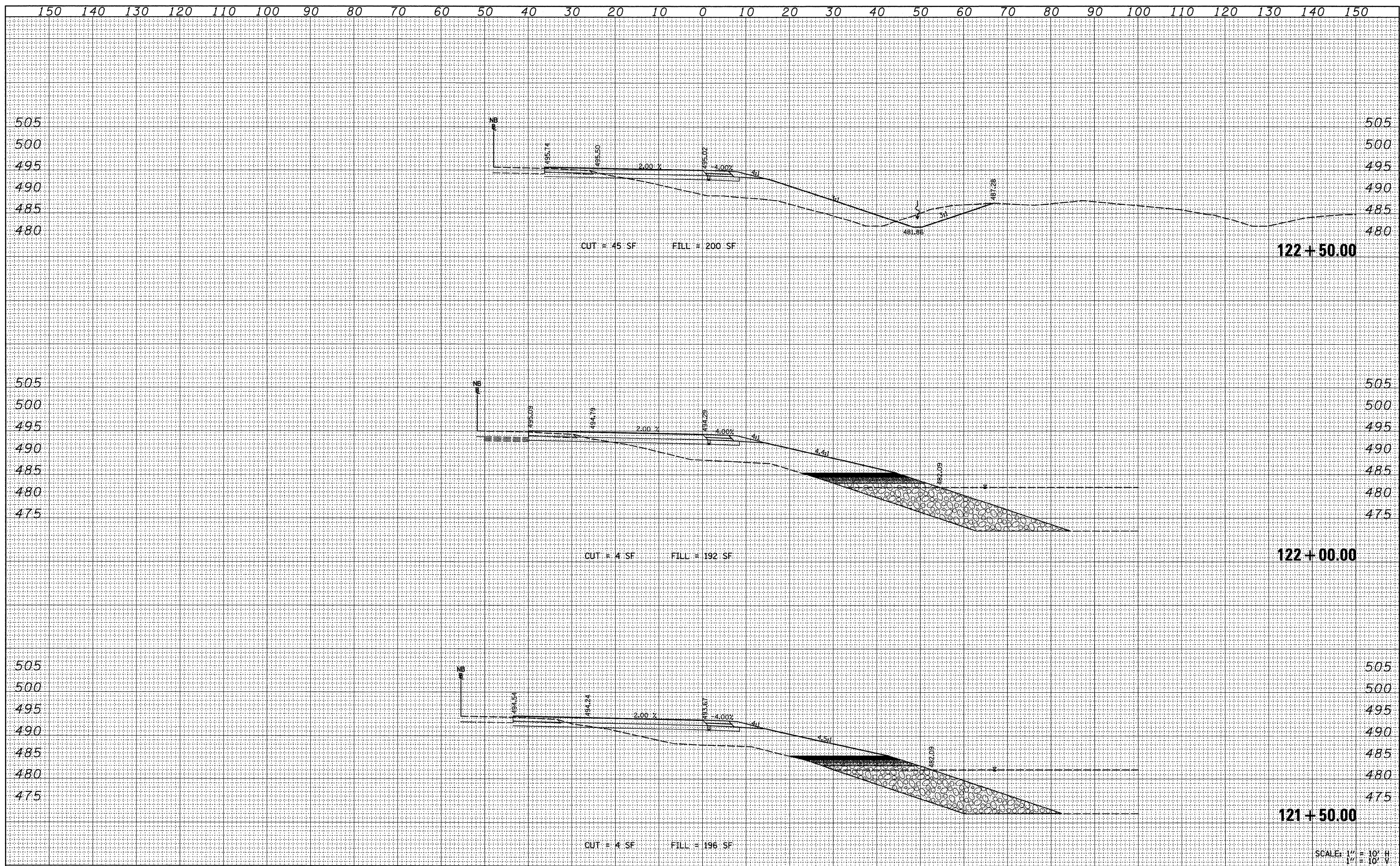


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	173
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAF 331)	CONTRACT NO. 78194			
	PLOT DATE = #DATE#	DATE -	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
				SCALE: 1" = 10'			SHEET NO. 6 OF 26 SHEETS		STA. 120+00.00 TO STA. 121+00.00			

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FINAL SURVEY	SURVEYED
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NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED



SCALE: 1" = 10' H
1" = 10' V

FILE NAME =
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

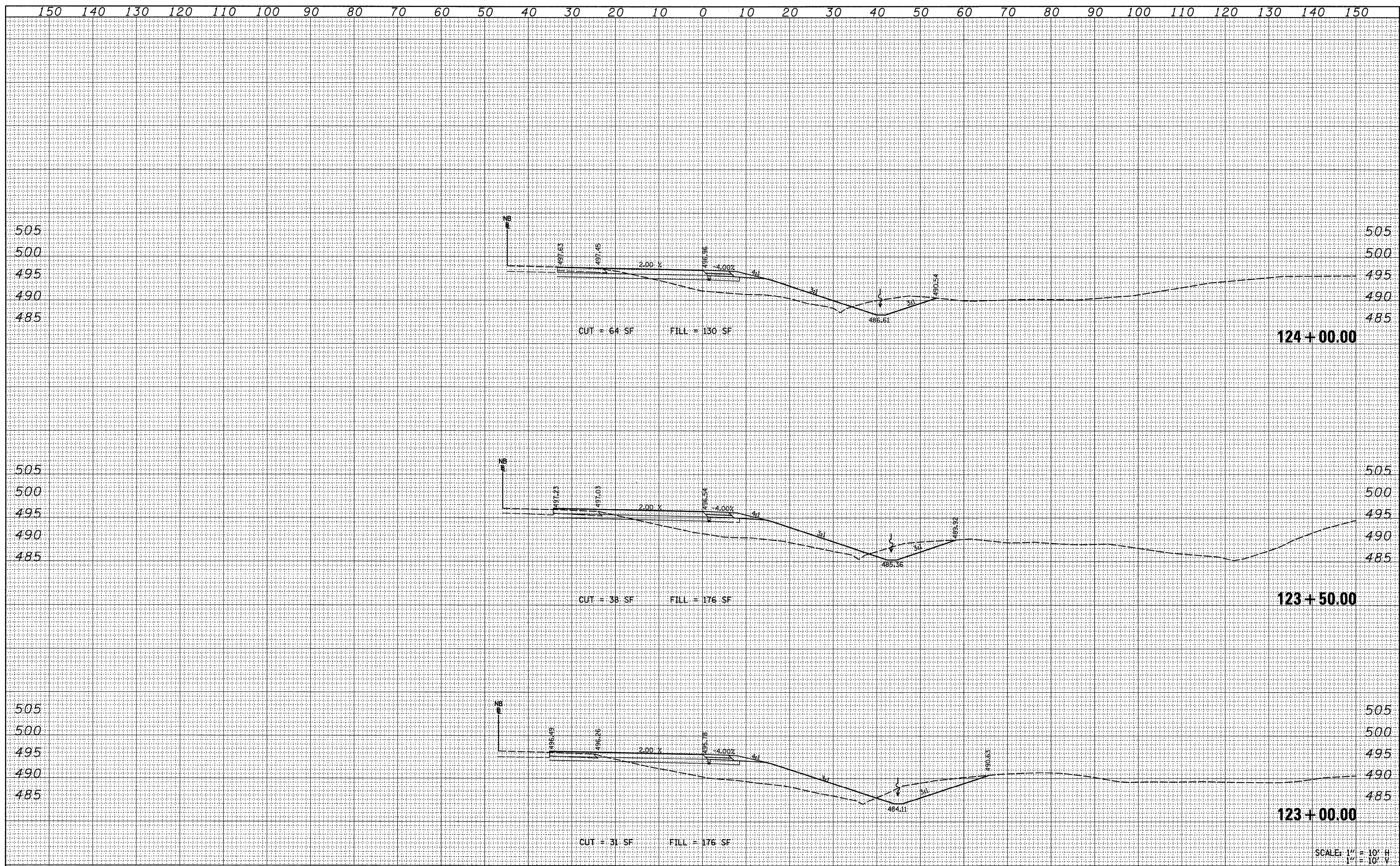
RAMP G CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 7 OF 26 SHEETS STA. 121+50.00 TO STA. 122+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)(X-1)(1X-1R-4)	WILLIAMSON	194	174
* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		

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FINAL SURVEY	SURVEYED
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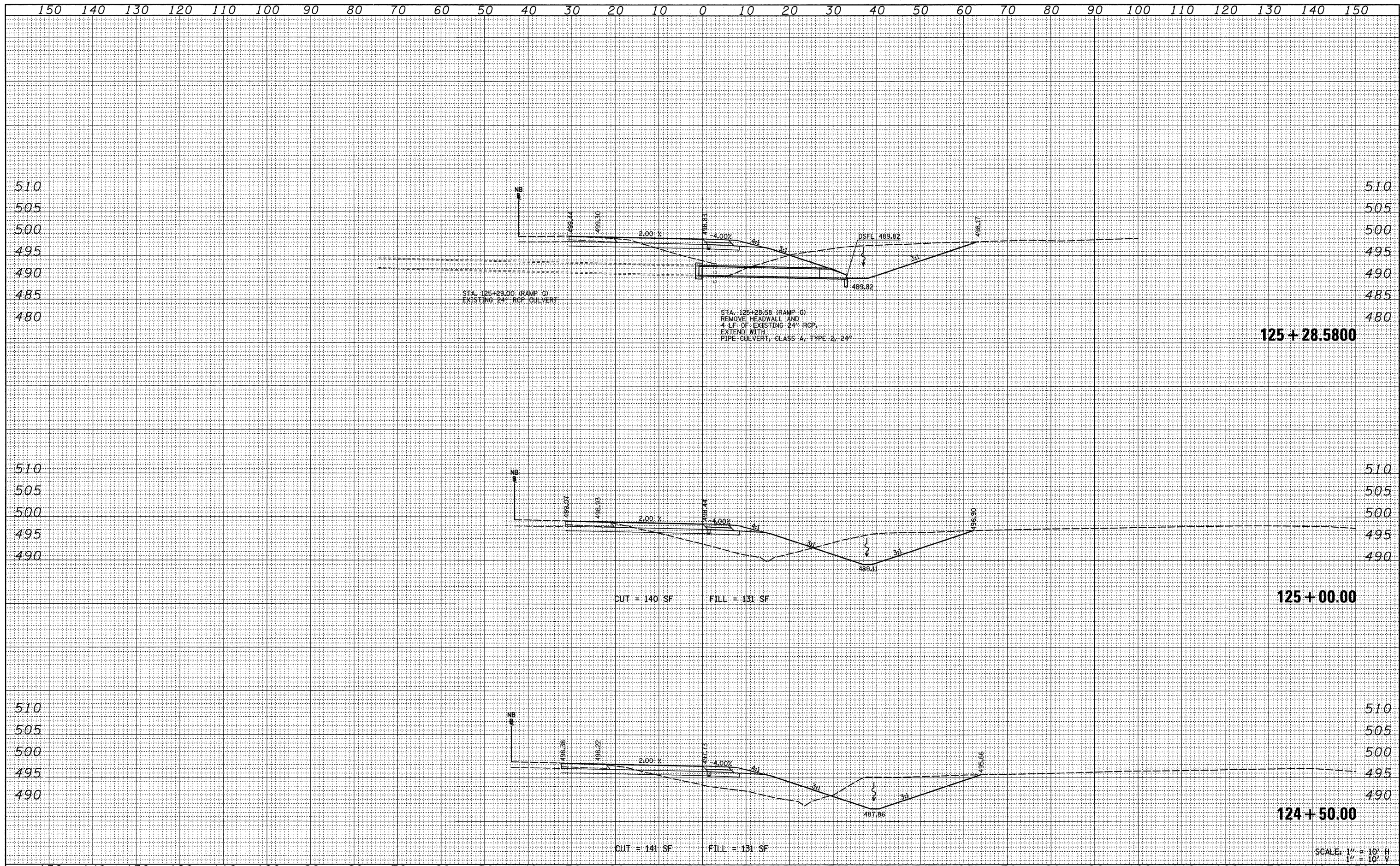


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
#FILE#		DRAWN -	REVISED -				*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	175			
		CHECKED -	REVISED -				SCALE: 1" = 10'		SHEET NO. 8 OF 26 SHEETS		STA. 123+00.00 TO STA. 124+00.00		CONTRACT NO. 78194	
		DATE -	REVISED -				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

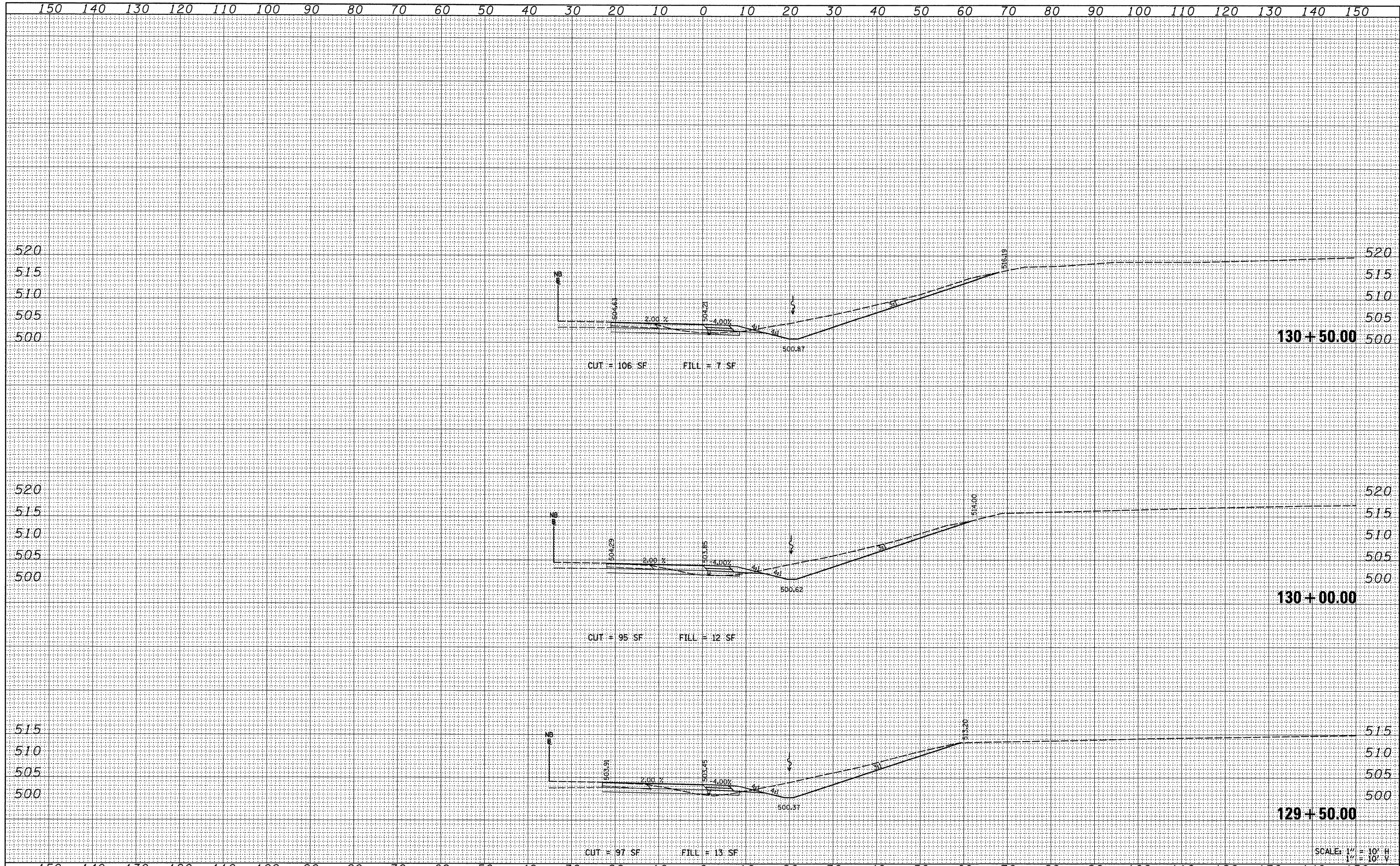
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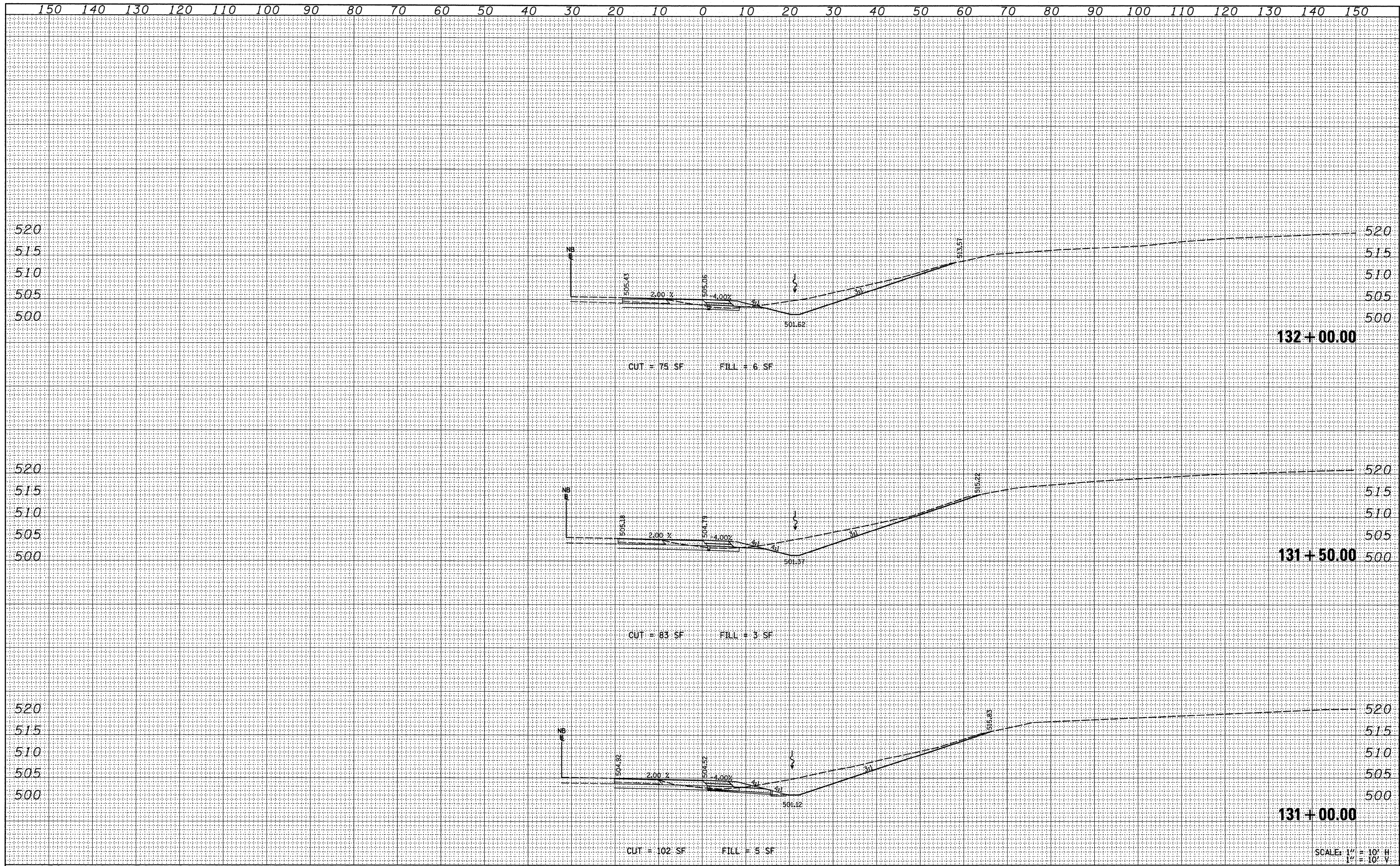


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 12 OF 26 SHEETS	STA. 129+50.00 TO STA. 130+50.00	*	(X1-6-2)(X-1)(X-1)R-4	WILLIAMSON	194	179
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)				CONTRACT NO. 78194
		DATE -	REVISED -					FED. ROAD DIST. NO.	[ILLINOIS]	FED. AID PROJECT		

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SCALE: 1" = 10' H
1" = 10' V

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

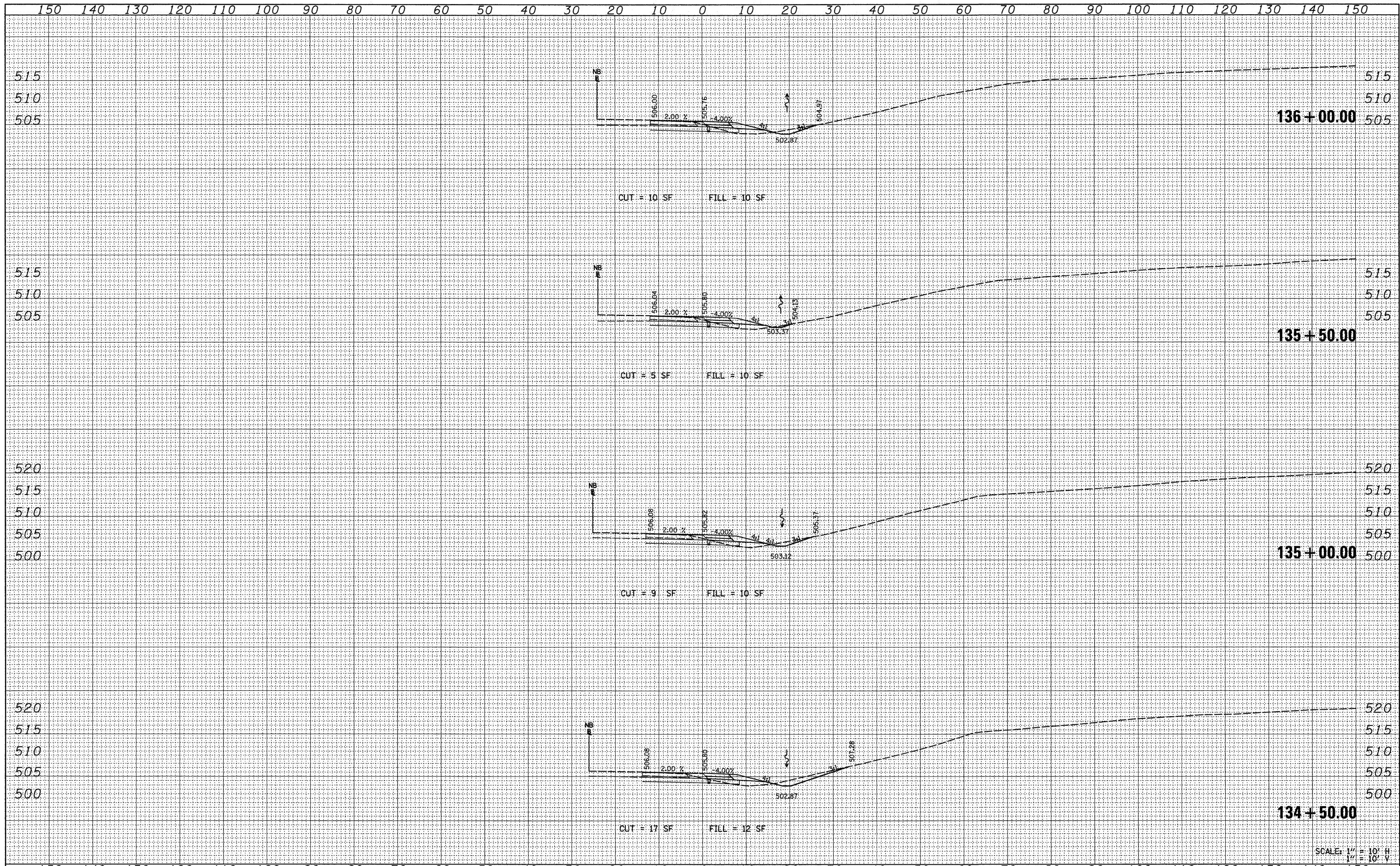
RAMP G CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 13 OF 26 SHEETS STA. 131+00.00 TO STA. 132+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)X-1(1X-1)R-4	WILLIAMSON	194	180
* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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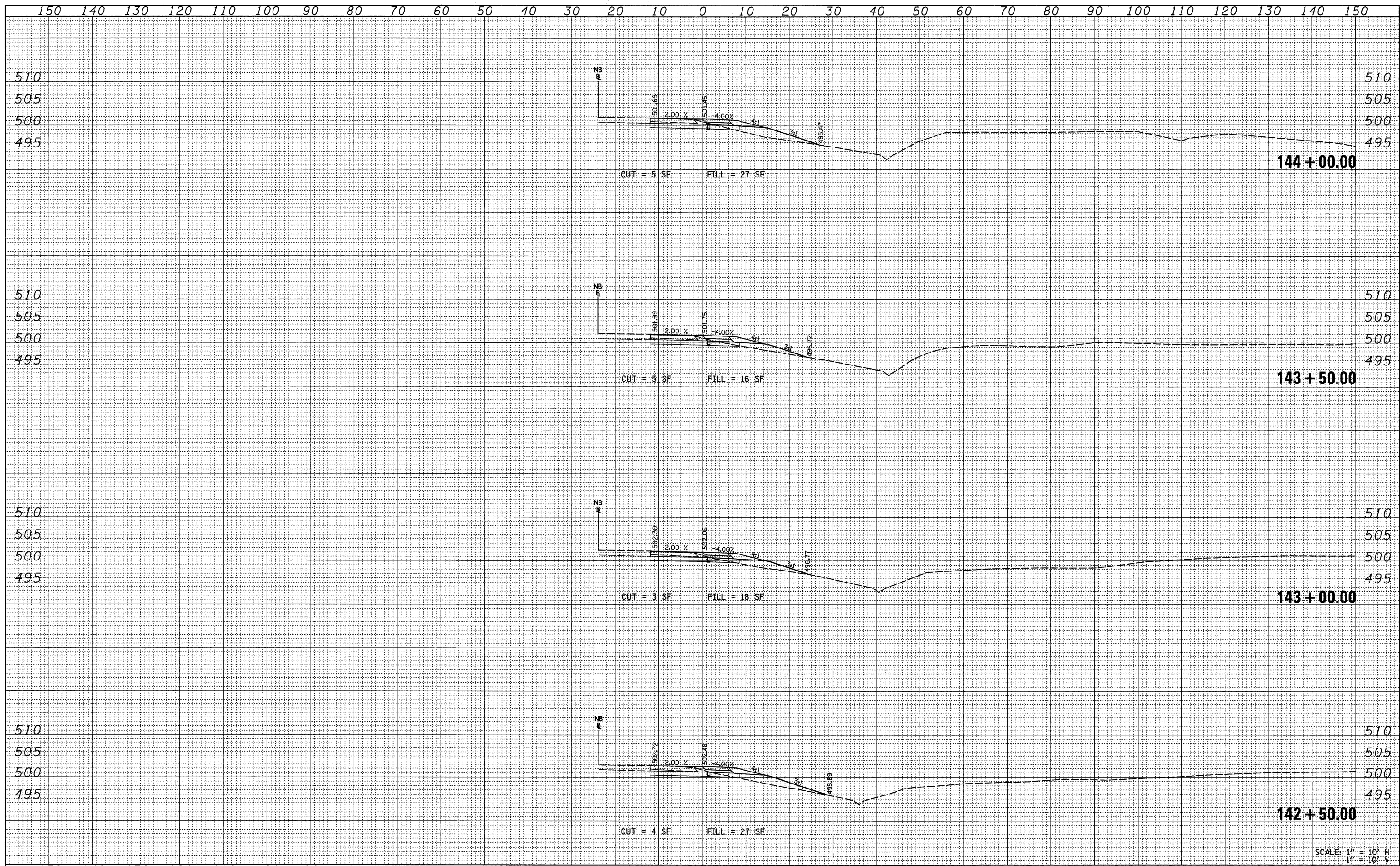


SCALE: 1" = 10' H
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP G CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 15 OF 26 SHEETS	STA. 134+50.00 TO STA. 136+00.00	*	(X1-6-2)K-1r(1X-1R-4)	WILLIAMSON	194	182
		CHECKED -	REVISED -					* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO.	78194
		DATE -	REVISED -					FED. ROAD DIST. NO.	(ILLINOIS)	FED. AID PROJECT		

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SCALE: 1" = 10' H
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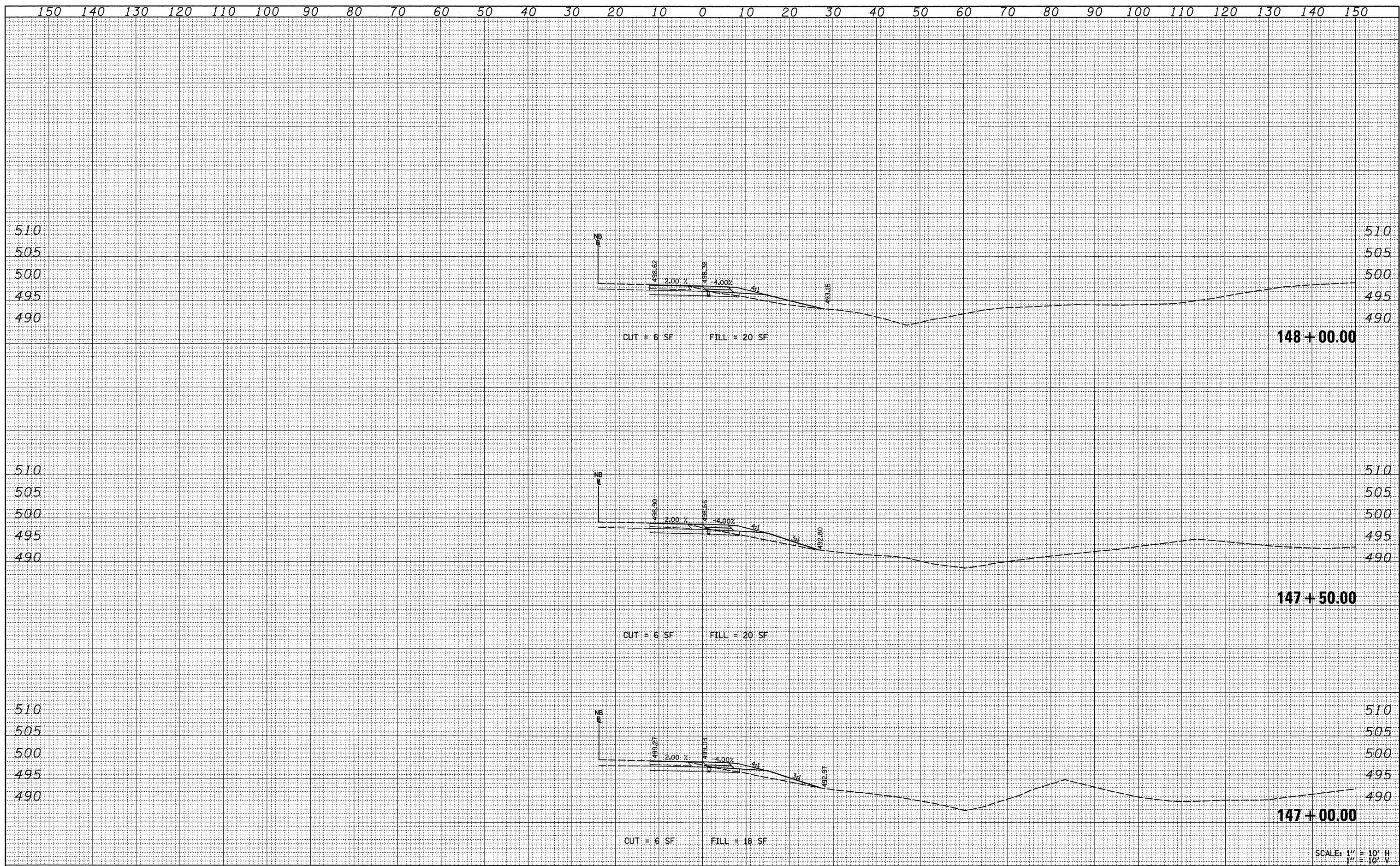
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP G CROSS SECTIONS
SCALE: 1" = 10'
SHEET NO. 19 OF 26 SHEETS
STA. 142+50.00 TO STA. 144+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1(1X-1)R-4	WILLIAMSON	194	186
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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SCALE: 1" = 10' H
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP G CROSS SECTIONS

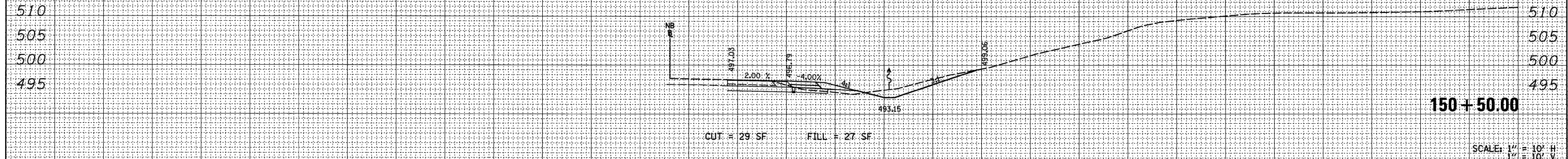
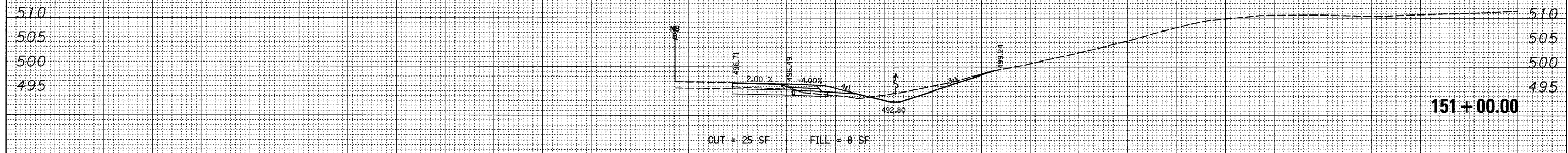
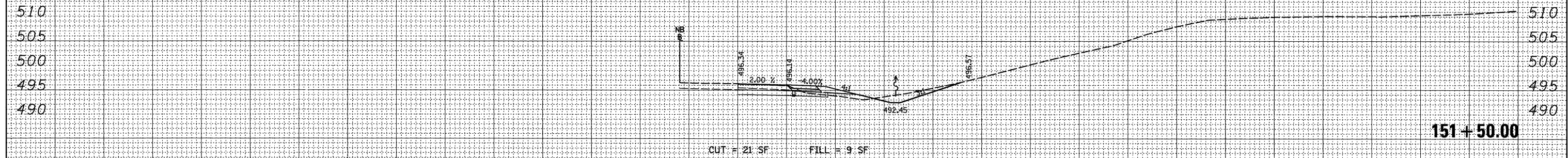
SCALE: 1" = 10' SHEET NO. 22 OF 26 SHEETS STA. 147+00.00 TO STA. 148+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)X-1(1X-1R-4	WILLIAMSON	194	189
* I-57/IL 13 (FAI 57/FAP 331)		CONTRACT NO. 78194		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



SCALE: 1" = 10' H
1" = 10' V

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

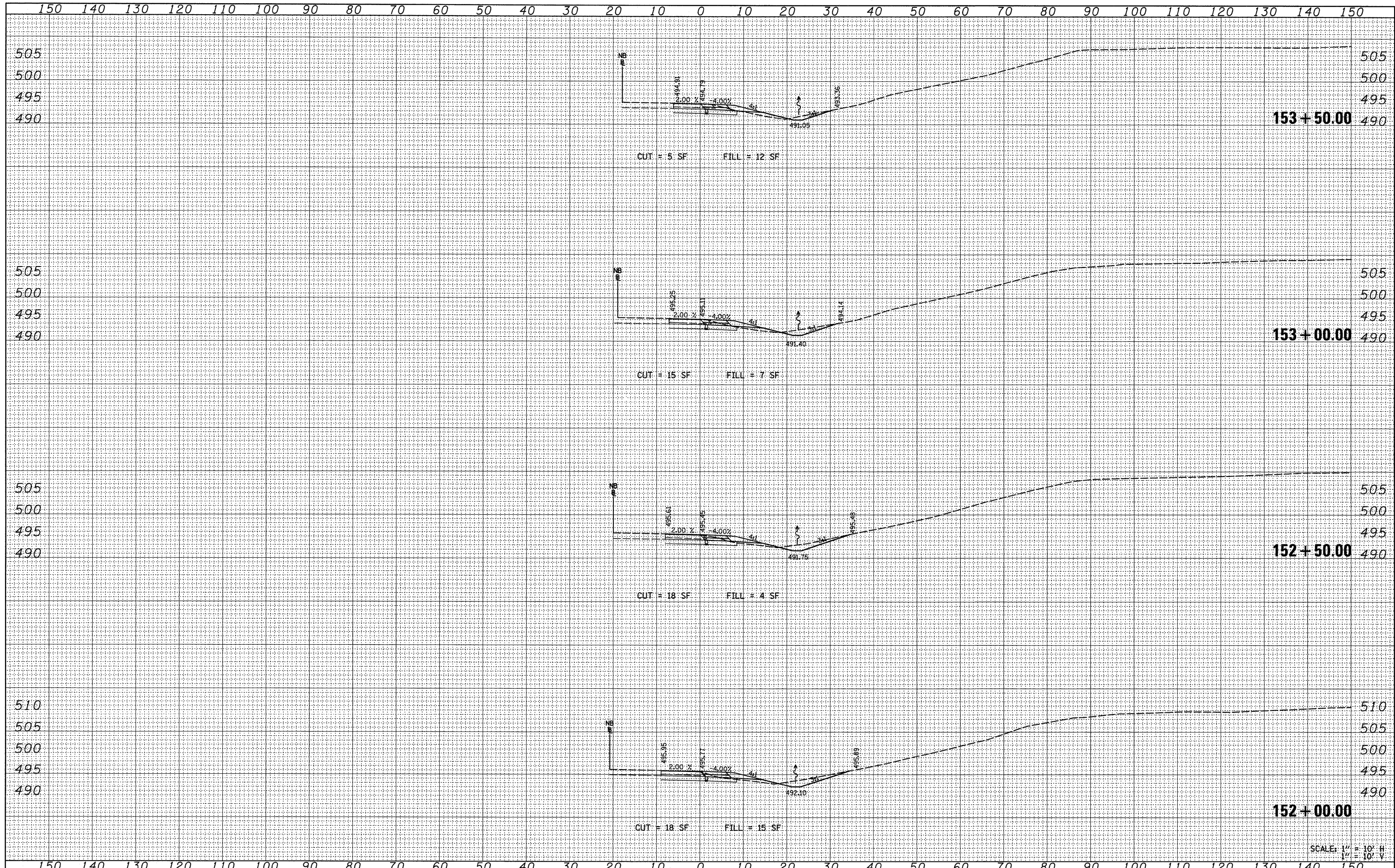
RAMP G CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 24 OF 26 SHEETS STA. 150+50.00 TO STA. 151+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)K-1j(IX-1)R-4	WILLIAMSON	194	191
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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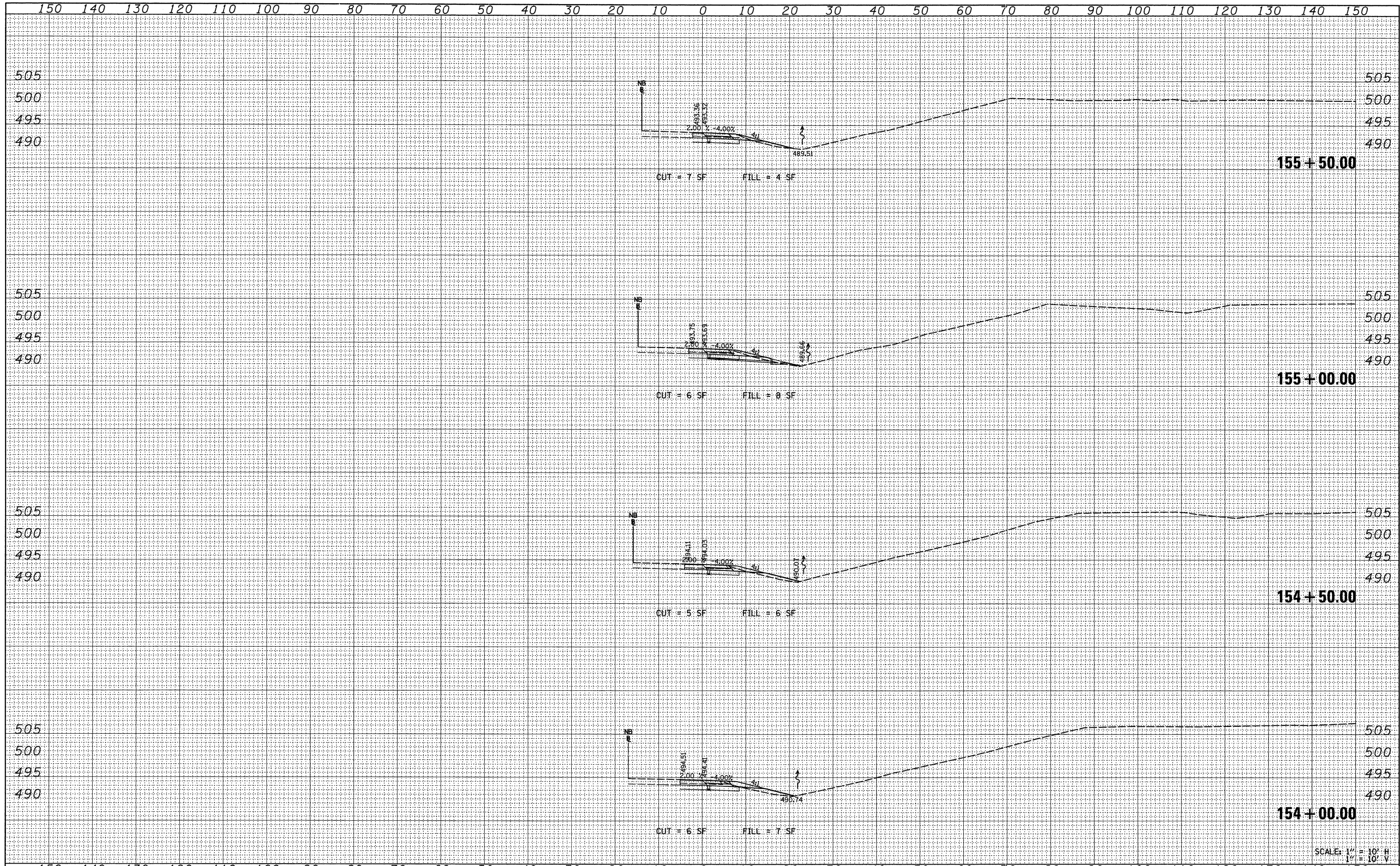
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SCALE: 1" = 10' H
1" = 10' V

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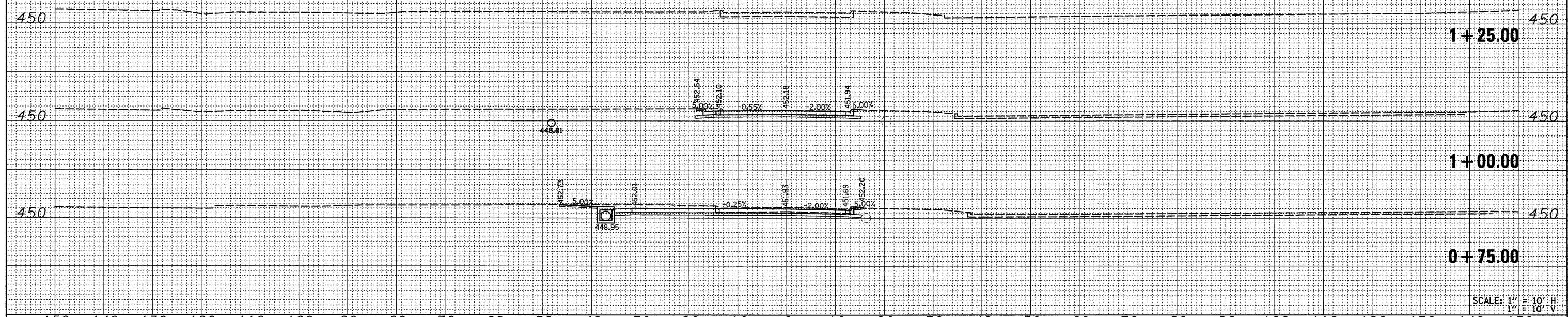


SCALE: 1" = 10' H
1" = 10' V

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME =
#FILE#

USER NAME = #USER#
PLOT SCALE = #SCALE#
PLOT DATE = #DATE#

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FRONTAGE ROAD CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 1 OF 1 SHEETS STA. 0+75.00 TO STA. 1+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)(X-1)(1X-1)R-4	WILLIAMSON	194	194
* I-57/IL 13 (FAI 57/FAP 331)			CONTRACT NO. 78194	
[ILLINOIS] FED. AID PROJECT				