

MARCH 11, 2011 LETTING

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROPOSED  
HIGHWAY PLANS

FAI 57 (I-57)  
SECTION: (1X-1)A-1,R-6,N-6,TS-5  
PROJECT NO. IM-057-2(154)053  
WILLIAMSON COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	1
		ILLINOIS	CONTRACT NO. 78223	

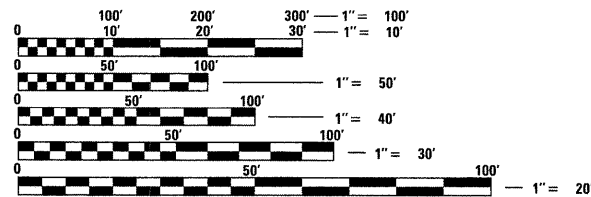
FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 5-6

STATION EQUATION:  
NONE

OMISSIONS:  
NONE

TRAFFIC DATA:  
2009 ADT FOR RAMP D (LARGEST RAMP ADT)  
3,890 WITH 14 % TRUCKS  
2009 ADT FOR FAP 331 (IL 13)  
30,700 WITH 7 % TRUCKS

TOWNSHIPS:  
W. MARION



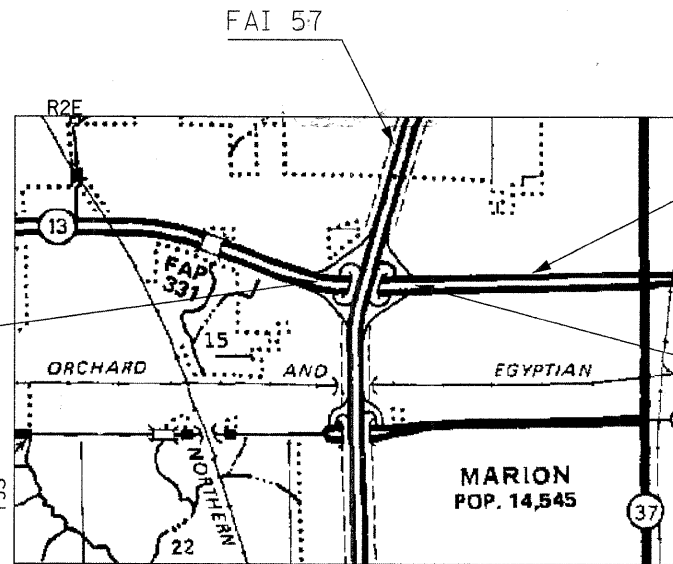
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: CHARLES STEIN  
PROJECT MANAGER: RICHARD BRASEL

CONTRACT NO. 78223

C-99-001-11



PROJECT BEGINS  
STA. 1802+97 IL 13

FAP 331 (IL 13)

Marion

PROJECT ENDS  
STA. 1822+50 IL 13

FAP 331 (IL13)

GROSS LENGTH OF PROJECT: 903.00 FT. = 0.171 MILES  
NET LENGTH OF PROJECT: 903.00 FT. = 0.171 MILES



LOCATION OF SECTION INDICATED THUS: -

**GEOTECH**  
ENGINEERING & TESTING, INC.

601 NORTH 4TH STREET MURRAY, KENTUCKY 42071  
500 SOUTH 17th STREET PADUCAH, KENTUCKY 42003  
403 NORTH COURT STREET MARION, ILLINOIS 62969  
PHONE - 270.753.7307 PHONE - 270.443.1995 PHONE - 618.997.9190  
WWW.GEOTECHENGINEERS.NET COPYRIGHT © 2005 GEOTECH ENGINEERING & TESTING, INC.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Jan 25 20 11  
My C. Ham  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 25 20 11  
Scott E. Stitt, P.E.  
acting ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 11  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

Prepared By: Joe Zdaniewicz  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: James Travis Emery  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Art Wiley  
DISTRICT OPERATIONS ENGINEER

Examined By: K.P.S.  
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. Pichler  
DISTRICT MATERIALS ENGINEER

Examined By: Dan Clayton  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dan Clayton  
ASSISTANT REGIONAL ENGINEER

Approved By: My Chami  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 25 20 11  
DATE

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNATURE SHEET</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	2
	PLOT DATE = #DATE#	DATE -	REVISED -						CONTRACT NO. 78223				
ILLINOIS FED. AID PROJECT													

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS
4	GENERAL NOTES, COMMITMENTS, MIXTURE REQUIREMENTS, & HIGHWAY STANDARDS
5-6	SUMMARY OF QUANTITIES
7-9	TYPICAL SECTIONS
10-16	SCHEDULE OF QUANTITIES
17	TIE POINTS
18	BENCH MARKS
19-23	IL 13 PLAN SHEETS & TRAFFIC CONTROL
24	TEMPORARY RAMP A PLAN & PROFILE
25	TEMPORARY RAMP B PLAN & PROFILE
26	TEMPORARY RAMP C PLAN & PROFILE
27	TEMPORARY RAMP D PLAN & PROFILE
28-29	TEMPORARY EROSION CONTROL PLAN
30-31	PAVEMENT MARKING
32	DETAIL: NIGHTTIME LIGHTING INSPECTION
33	DETAIL: ILLINOIS STANDARD W21-II116; SIGN POST BLACKOUT; TEMPORARY DITCH CHECKS
34	DETAIL: TRENCH BACKFILL
35	DETAIL: SECTIONS OF TRANSITIONS OF SLOPES AND INCIDENTAL GRADING, CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL, SEEDING AND MULCHING
36-42	IL ROUTE 13 CROSS SECTIONS
43-45	TEMPORARY RAMP A CROSS SECTIONS
46-47	TEMPORARY RAMP B CROSS SECTIONS
48-50	TEMPORARY RAMP C CROSS SECTIONS
51-52	TEMPORARY RAMP D CROSS SECTIONS

FILE NAME = *FILEL*	USER NAME = *USER* DRAWN - PLOT SCALE = *SCALE* CHECKED - PLOT DATE = *DATE* DATE -	DESIGNED - REVISIONS: REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS</b>	F.A.P. RTE. 331 SECTION (1X-1A-1,R-6,N-6,TS-5) COUNTY WILLIAMSON TOTAL SHEETS 52 SHEET NO. 3 CONTRACT NO. 78223 ILLINOIS FED. AID PROJECT
			SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

# GENERAL NOTES

ALL OBSTRUCTIONS WHICH ARE WITHIN THE CLEAR ZONE SHOWN ON THE CLEAR ZONE SHEET, AND ARE NOT SHIELDED BY THE PROPOSED GUARDRAIL, SHALL BE REMOVED. TYPICAL OBSTRUCTIONS ARE HEADWALLS, FOUNDATIONS, ETC. WHICH PROJECT 4 IN. OR MORE ABOVE THE GROUND LINE; AND TREES WHICH WILL MATURE TO A DIAMETER OF 4 IN. OR GREATER.

IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT	-----2.016 TONS/CU. YD.
ALL AGGREGATE	-----2.05 TONS/CU. YD.
AGGREGATE PRIME COAT	-----0.0015 TONS/SQ. YD.
BITUMINOUS MATERIALS (PRIME COAT):	
ON PAVEMENT	-----0.09 GAL./SQ. YD.
ON AGGREGATE SURFACE	-----0.32 GAL./SQ. YD.
STONE RIP RAP	-----1.50 TONS/CU. YD.
PROCESSING LIME MODIFIED SOILS:	
LIME	-----6% OF WEIGHT OF EARTH
EARTH	-----110 LBS./CU. FT.
WATER	-----500 GALS./TONS OF LIME (1000 GALS./UNIT)

THE QUANTITY FOR BITUMINOUS MATERIALS PRIME COAT INCLUDED IN THE PLANS IS BASED ON AN ANTICIPATED SEQUENCE OF CONSTRUCTION, AND 4" MAXIMUM LIFTS. THE ACTUAL QUANTITY MAY VARY DEPENDENT ON THE CONTRACTOR'S SEQUENCE OF OPERATIONS.

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT BINDER COURSE.

THERE ARE NO WASTE SITES AVAILABLE FOR USE BY THE CONTRACTOR WITHIN THIS CONTRACT. THE SURPLUS MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION AND AS DIRECTED BY THE ENGINEER.

REPLACEMENT AND EXTENSION OF ALL CULVERTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS.

THE ENTIRE LENGTH OF ALL EXISTING CULVERTS, EITHER BEING EXTENDED OR NOT BEING EXTENDED, SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

TRIM EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW BASE COURSE WIDENING.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

ONLY HOT MIX ASPHALT WILL BE ALLOWED FOR CONSTRUCTION OF TEMPORARY RAMPS.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL EXISTING CABLE RUNS PRIOR TO THE START OF CONSTRUCTION. CABLE LOCATIONS SHALL BE SPRAY PAINTED AND/OR STAKED AS DIRECTED BY THE ENGINEER IN ORDER TO MINIMIZE DAMAGE TO THE EXISTING CABLES DURING GRADING OPERATIONS. THE CONTRACTOR SHALL MARK UP AND MAINTAIN AN AS-BUILT DRAWING OF THE CABLE RUNS THROUGHOUT THE INTERCHANGE. THE CONTRACTOR SHALL REPAINT AND REESTABLISH UNDERGROUND CABLE MARKINGS THROUGHOUT THE INTERCHANGE AS DIRECTED BY THE ENGINEER TO MINIMIZE DAMAGE TO CABLES THROUGHOUT THE DURATION OF THE PROJECT.

# MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT CONCRETE BINDER COURSE, IL-19.0, N90
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 mm
FRICTION AGGREGATE:	NONE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS (RAMPS ONLY), AND STABILIZED SUB-BASE 4"
MIXTURE USE(S):	HOT-MIX ASPHALT SHOULDERS
AC/PG:	PG58-22
RAP % (MAX):	50
DESIGN AIR VOIDS:	2.0%, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	HOT-MIX ASPHALT AGGREGATE MIXTURE
FRICTION AGGREGATE:	NONE

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 mm OR IL-12.5 mm
FRICTION AGGREGATE:	D SURFACE

# COMMITMENTS

NONE.

# IDOT HIGHWAY STANDARDS

- 000001-06 - 701106-02
- 001006 - 701421-03
- 280001-05 - 701422-03
- 482001-02 - 701426-04
- 542301-03 - 701901-01
- 606001-04 - 780001-02
- 701101-02

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, COMMITMENTS, MIXTURE REQUIREMENTS, &amp; HIGHWAY STANDARDS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	4			
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		CONTRACT NO. 78223							
	PLOT DATE = #DATE#	DATE -	REVISED -		[ILLINOIS] FED. AID PROJECT							
				SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

# SUMMARY OF QUANTITIES

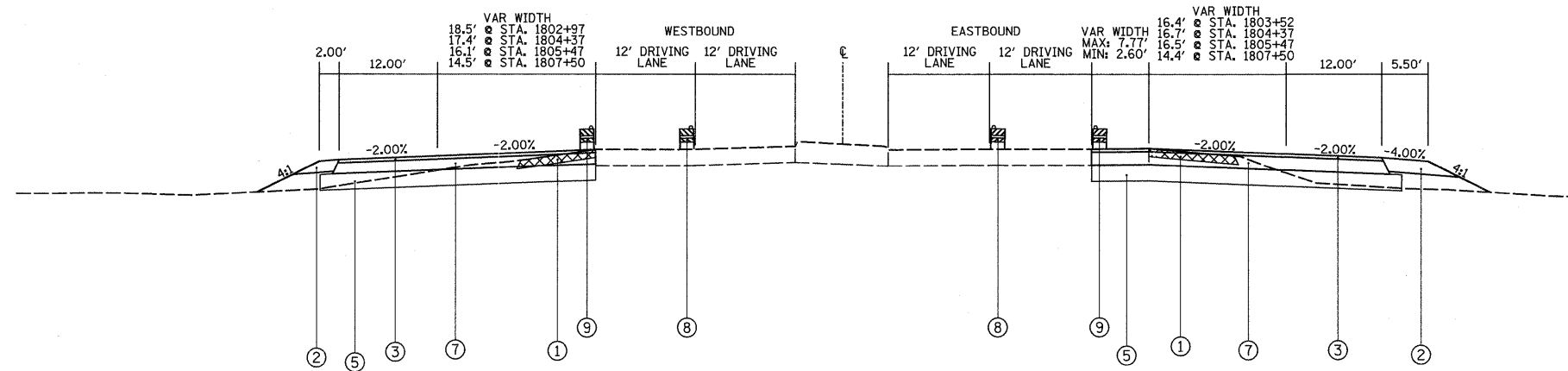
COUNTY:	WILLIAMSON
LOCATION:	URBAN
ROUTE:	FAT 57 (I-57)
FUNDING:	90% FEDERAL 10% STATE
WORK TYPE:	ROADWAY

CODE NUMBER	ITEM DESCRIPTION	CONSTRUCTION TYPE CODE:	
		UNIT	QUANTITY
			0001
X0327230	SURFACE MOUNT LANE SEPARATOR (STATE OWNED)	FOOT	200
20013798	CONSTRUCTION LAYOUT	L SUM	1
20026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14
20200100	EARTH EXCAVATION	CU YD	596
20400800	FURNISHED EXCAVATION	CU YD	6836
20800150	TRENCH BACKFILL	CU YD	135
* 25000115	SEEDING, CLASS 1B	ACRE	1.1
* 25000350	SEEDING, CLASS 7	ACRE	1.1
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	134
* 25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	93
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	93
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	2
* 25100115	MULCH, METHOD 2	ACRE	1.1
* 25100630	EROSION CONTROL BLANKET	SQ YD	5746
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	103
28000305	TEMPORARY DITCH CHECKS	FOOT	84
28000400	PERIMETER EROSION BARRIER	FOOT	2240
28000500	INLET AND PIPE PROTECTION	EACH	4
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	7294
30201500	LIME	TON	217
31100300	SUB BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	37
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,171
40600300	AGGREGATE (PRIME COAT)	TON	35
40600895	CONSTRUCTING TEST STRIP	EACH	3
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	4,727
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	670
42001300	PROTECTIVE COAT	SQ YD	50
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	221
44003100	MEDIAN REMOVAL	SQ FT	1445
44004250	PAVED SHOULDER REMOVAL	SQ YD	1844
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	346
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1053
48203100	HOT-MIX ASPHALT SHOULDERS	TON	21

\*SPECIALTY ITEM

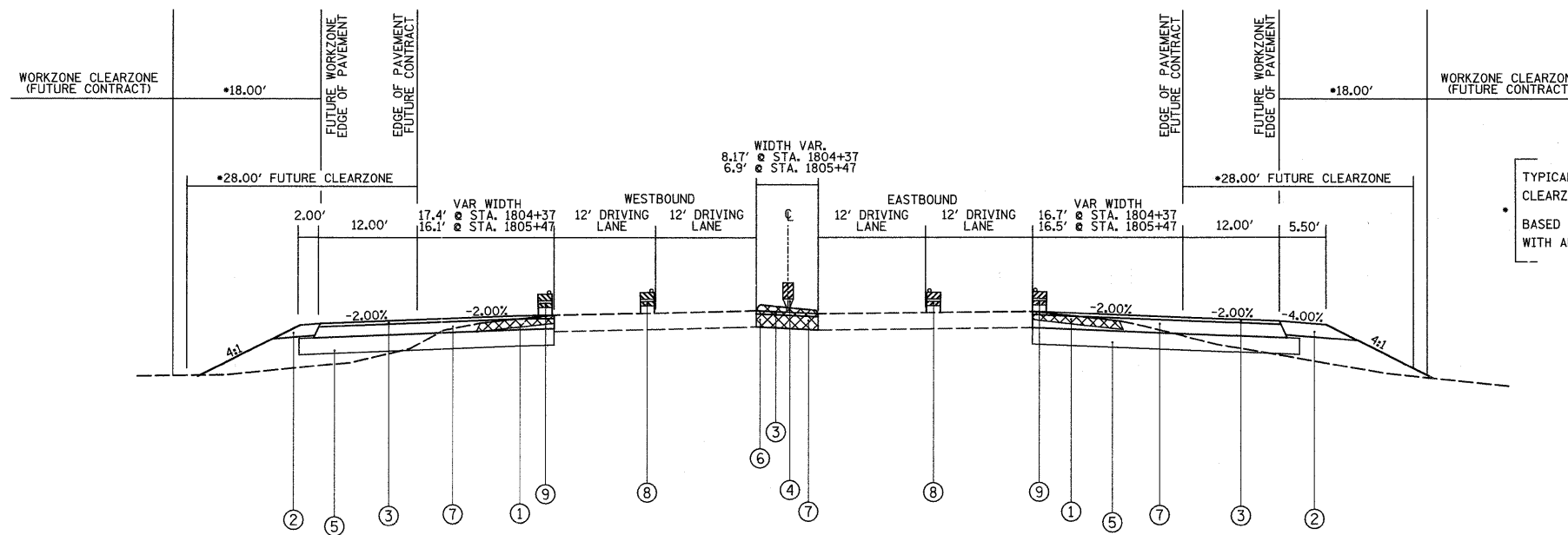
FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	331	(IX-1A-1,R-6,N-6,TS-5)	WILLIAMSON	52	5
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -						CONTRACT NO. 78223				
	PLOT DATE = *DATE*	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				





TO BE USED

STA. 1802+97 TO STA. 1804+37 (WESTBOUND RT-13)  
 STA. 1805+47 TO STA. 1807+50 (WESTBOUND RT-13)  
 STA. 1803+52 TO STA. 1804+37 (EASTBOUND RT-13)  
 STA. 1805+47 TO STA. 1807+50 (EASTBOUND RT-13)  
 ALL STATIONING OFF OF RT-13 CENTERLINE



TYPICAL FOR IL 13  
 CLEARZONE REQUIREMENTS  
 BASED ON 45 MPH DESIGN SPEED  
 WITH ADT > 6,000

- ① EXISTING SHOULDER REMOVAL
- ② AGGREGATE SHOULDERS, TYPE A, 8"
- ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- ④ SURFACE MOUNT LANE SEPARATOR (STATE OWNED)
- ⑤ PROCESSING LIME MODIFIED SOILS, 12"
- ⑥ MEDIAN REMOVAL
- ⑦ HOT-MIX ASPHALT BINDER, 10 1/2"
- ⑧ NIGHTTIME BARRICADE LOCATION
- ⑨ DAYTIME BARRICADE LOCATION

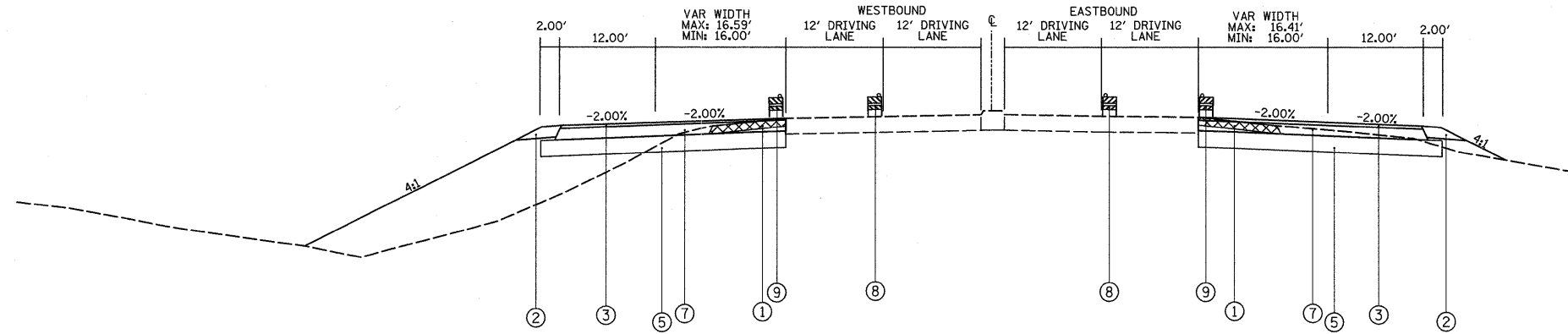
TO BE USED

STA. 1804+37 TO STA. 1805+47 (WESTBOUND RT-13)  
 STA. 1804+37 TO STA. 1805+47 (EASTBOUND RT-13)  
 ALL STATIONING OFF OF RT-13 CENTERLINE

PAVEMENT STRUCTURE DESIGN

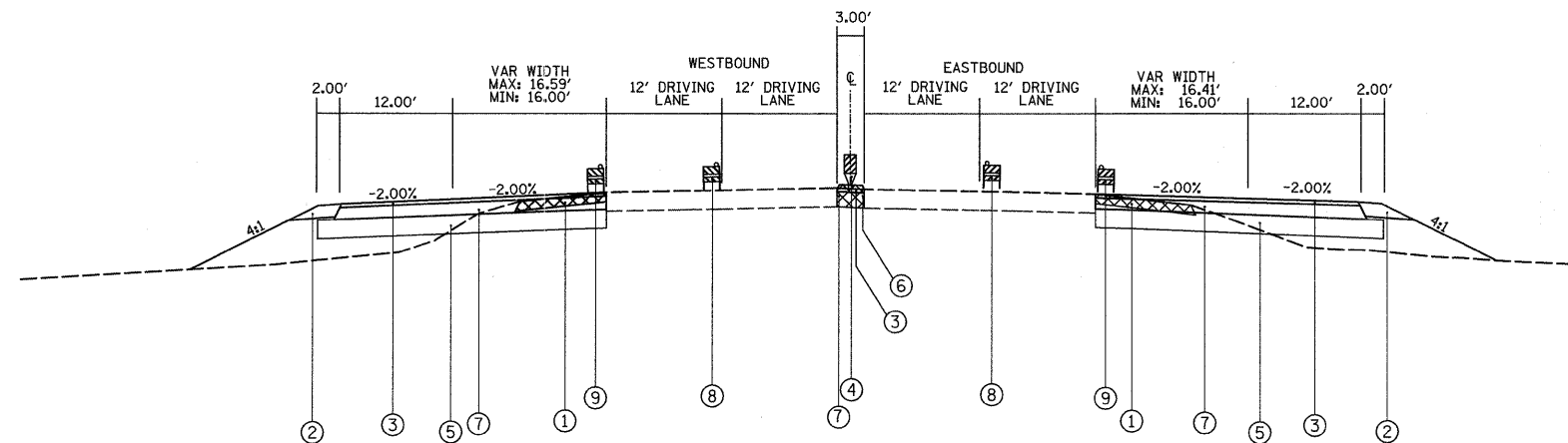
STRUCTURAL DESIGN TRAFFIC:		YEAR 2019
PV = 31,510	SU = 850	MU = 70
ROAD/STREET CLASSIFICATION:		CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 8%	S = 37%	M = 37%
TRAFFIC FACTOR:		AC TYPE = 20
MINIMAL TF = 3.51		
PG GRADE:	BINDER = PG64-22	SURFACE = SBS PG76-22

FILE NAME = #FILEL*	USER NAME = #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS ILLINOIS ROUTE 13</b>			F.A.P. RTE. 331	SECTION (1X-1A-1,R-6,N-6,TS-5)	COUNTY WILLIAMSON	TOTAL SHEETS 52	SHEET NO. 7
	PLOT SCALE = #SCALE*	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 78223				
	PLOT DATE = #DATE*	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



TO BE USED

STA. 1818+50 TO STA. 1820+00 (WESTBOUND RT-13)  
 STA. 1821+10 TO STA. 1822+06.50 (WESTBOUND RT-13)  
 STA. 1818+00 TO STA. 1820+00 (EASTBOUND RT-13)  
 STA. 1821+10 TO STA. 1822+50 (EASTBOUND RT-13)  
 ALL STATIONING OFF OF RT-13 CENTERLINE



TO BE USED

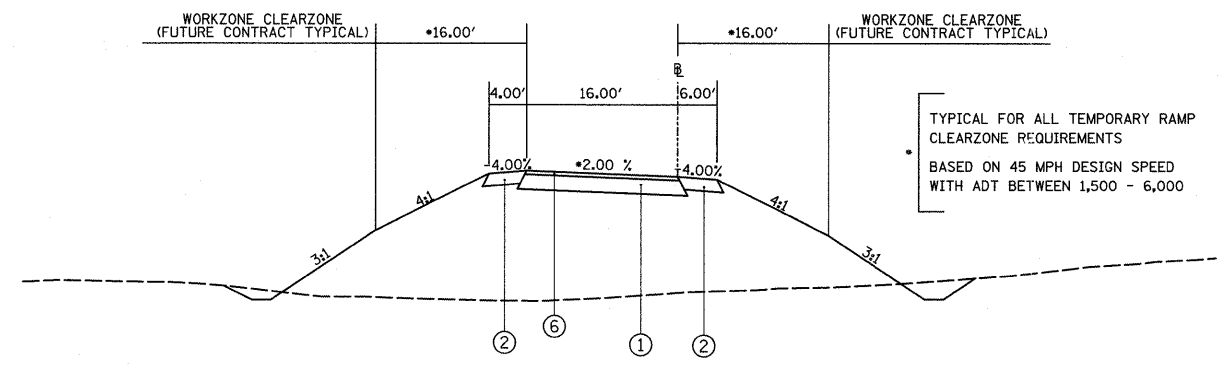
STA. 1820+00 TO STA. 1821+10 (WESTBOUND RT-13)  
 STA. 1820+00 TO STA. 1821+10 (EASTBOUND RT-13)  
 ALL STATIONING OFF OF RT-13 CENTERLINE

- ① EXISTING SHOULDER REMOVAL
- ② AGGREGATE SHOULDERS, TYPE A, 8"
- ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- ④ SURFACE MOUNT LANE SEPARATOR (STATE OWNED)
- ⑤ PROCESSING LIME MODIFIED SOILS, 12"
- ⑥ MEDIAN REMOVAL
- ⑦ HOT-MIX ASPHALT BINDER, 10 1/2"
- ⑧ NIGHTTIME BARRICADE LOCATION
- ⑨ DAYTIME BARRICADE LOCATION

FOR CLEARZONE REQUIREMENTS  
 SEE SHEET NO. 7

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS ILLINOIS ROUTE 13</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	8
		PLOT SCALE = #SCALE#	REVISED -								CONTRACT NO. 78223		
		PLOT DATE = #DATE#	REVISED -								ILLINOIS FED. AID PROJECT		

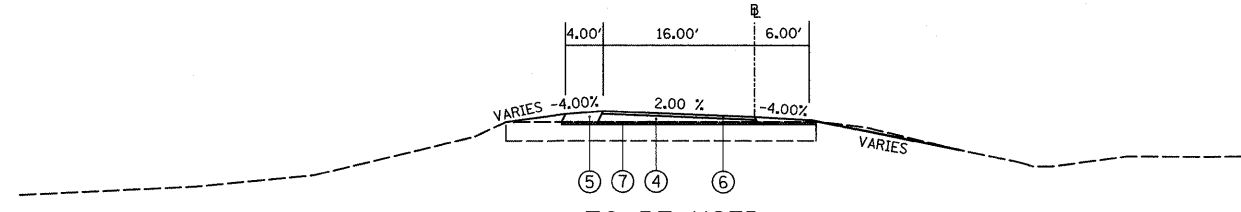




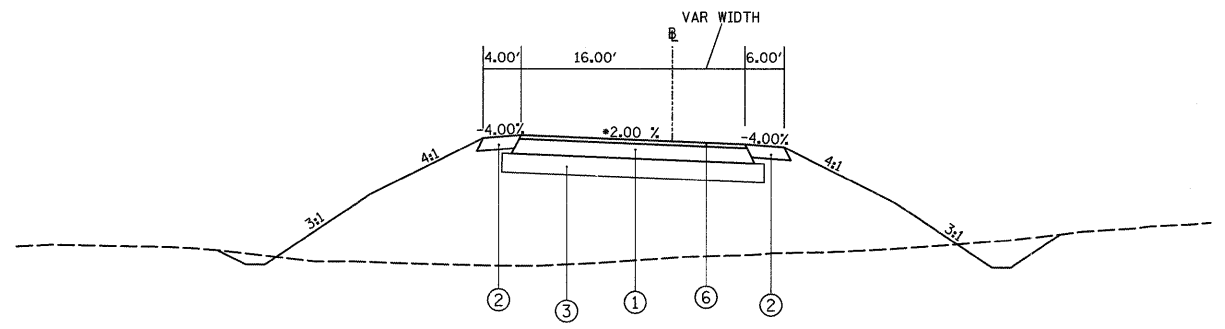
TYPICAL FOR ALL TEMPORARY RAMP CLEARZONE REQUIREMENTS  
 BASED ON 45 MPH DESIGN SPEED  
 WITH ADT BETWEEN 1,500 - 6,000

TO BE USED

STA. 12+86.21 TO STA. 13+94.97 (TEMPORARY RAMP A)  
 STA. 20+26.16 TO STA. 20+78.39 (TEMPORARY RAMP B)  
 STA. 8+82.20 TO STA. 9+99.81 (TEMPORARY RAMP C) (\* USE 1.50%)  
 STA. 126+66.22 TO STA. 127+92.71 (TEMPORARY RAMP D)

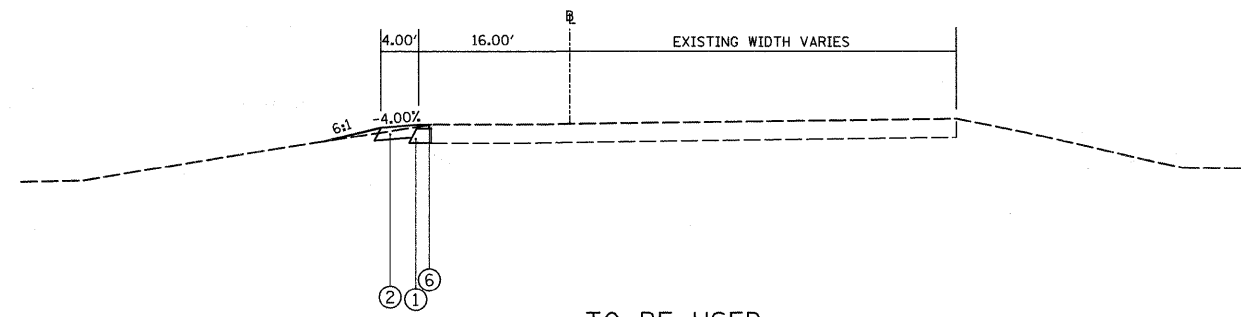


TO BE USED  
 STA. 127+92.71 TO STA. 128+45.00 (TEMPORARY RAMP D)



TO BE USED

STA. 11+33.78 TO STA. 12+86.21 (TEMPORARY RAMP A)  
 STA. 20+78.39 TO 21+80.91 (TEMPORARY RAMP B)  
 STA. 7+49.25 TO STA. 8+82.20 (TEMPORARY RAMP C) (\* USE 1.50%)



TO BE USED

STA. 128+45.00 TO STA. 129+13.34 (TEMPORARY RAMP D)

- ① HOT-MIX ASPHALT BINDER, 10 1/2"
- ② HOT-MIX ASPHALT SHOULDER, 8"
- ③ PROCESSING LIME MODIFIED SOILS, 12"
- ④ HOT-MIX ASPHALT BINDER, OVERLAY 1 1/2" MIN.
- ⑤ HOT-MIX ASPHALT SHOULDER, OVERLAY 1 1/2" MIN.
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS TEMPORARY RAMPS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	331	(IX-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	9
		CHECKED -	REVISED -										
		DATE -	REVISED -										
ILLINOIS FED. AID PROJECT													



## HOT-MIX ASPHALT PAVEMENT

LOCATION STATION TO STATION	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N90	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE MIX "D", N90	AGGREGATE (PRIME COAT)
	TON	GALLON	TON	TON
IL 13 (EB)				
STA 1803+52 TO STA 1807+50	743	744	105	6
STA 1818+00 TO STA 1822+50	839	841	118	6
IL 13 (WB)				
STA 1802+97 TO STA 1807+50	846	847	119	6
STA 1818+50 TO STA 1822+06.50	665	666	94	5
IL 13 (MEDIAN REMOVAL LOCATION)				
STA 1804+23 TO STA 1805+61	55	55	8	0.5
STA 1819+86 TO STA 1821+24	21	21	3	0.2
TEMPORARY RAMP A				
STA 11+33.78 TO STA 13+94.97	529	529	74	4
TEMPORARY RAMP B				
STA 20+26.16 TO STA 21+80.91	393	393	55	3
TEMPORARY RAMP C				
STA 7+49.25 TO STA 9+99.81	455	455	63	3
TEMPORARY RAMP D				
STA 126+66.22 TO STA 127+82.04	110	97	4	0.9
STA 127+54 TO STA 128+45	42	13	12	0.5
STA 128+45 TO STA 129+09.24	29	41	15	0.2
TOTAL FROM SHOULDER SCHEDULE		469		
PROJECT TOTAL	4727	5171	670	35

## SHOULDERS

LOCATION STATION TO STATION	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SHOULDERS 8"	AGGREGATE SHOULDERS, TYPE A 8"	BITUMINOUS MATERIALS (PRIME COAT)*
	TON	SQ YD	SQ YD	GALLON
IL 13 (EB)				
STA 1804+69 TO STA 1807+50			173	
STA 1818+00 TO STA 1820+74			61	
IL 13 (WB)				
STA 1804+72 TO STA 1807+50			62	
STA 1818+50 TO STA 1820+74			50	
TEMPORARY RAMP A				
STA 11+33.78 TO STA 13+94.97		320		131
TEMPORARY RAMP B				
STA 20+26.16 TO STA 21+80.91		234		96
TEMPORARY RAMP C				
STA 7+49.25 TO STA 9+99.81		305		125
TEMPORARY RAMP D				
STA 127+46.83 TO STA 128+45	21			10
STA 126+66.22 TO STA 129+13.34		194		80
STA 127+54 TO STA 128+45				27
PROJECT TOTAL	21	1053	346	469

\* SEE HOT-MIX ASPHALT PAVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

## LIME MODIFIED SOILS

LOCATION STATION TO STATION	PROCESSING MODIFIED SOILS 12"	LIME	FOR INFO. ONLY WATER
	SQ YD	TON	UNIT
IL 13 (EB)			
STA 1803+52 TO STA 1807+50	1292	38	19
STA 1818+00 TO STA 1822+50	1451	43	22
IL 13 (WB)			
STA 1802+97 TO STA 1807+50	1463	44	22
STA 1818+50 TO STA 1822+06.50	1151	34	17
TEMPORARY RAMP A			
STA 11+33.78 TO STA 12+86.21	739	22	11
TEMPORARY RAMP B			
STA 20+78.39 TO STA 21+80.91	605	18	9
TEMPORARY RAMP C			
STA 7+49.25 TO STA 8+82.20	593	18	9
PROJECT TOTAL	7294	217	109



## TEMPORARY PIPE CULVERTS

LOCATION STATION TO STATION	TRENCH BACKFILL	PIPE CULVERTS, CLASS A, (TEMPORARY)			PRECAST REINFORCED CONCRETE FLARED END SECTIONS		
		TYPE 1			15" EACH	18" EACH	24" EACH
		15" FOOT	18" FOOT	24" FOOT			
	CU YD						
IL 13 STA 1803+99.72 RT.	11.2	59			1		
TEMPORARY RAMP A STA 12+41.36	92.0			95			2
TEMPORARY RAMP B STA 21+00.00	13.7	45			2		
TEMPORARY RAMP C STA 8+32.97	17.8		58			2	
PROJECT TOTAL	135	104	58	95	3	2	2

## DRAINAGE REMOVAL

LOCATION STATION	CONCRETE HEADWALL REMOVAL EACH
IL 13 RT. STA 1803+99.72	1
PROJECT TOTAL	1

## SURFACE MOUNT LANE SEPARATOR (STATE OWNED)

LOCATION STATION TO STATION	SURFACE MOUNT LANE SEPARATOR (STATE OWNED) FOOT
IL 13 STA 1804+42 TO STA 1805+42	100
STA 1820+05 TO STA 1821+05	100
PROJECT TOTAL	200



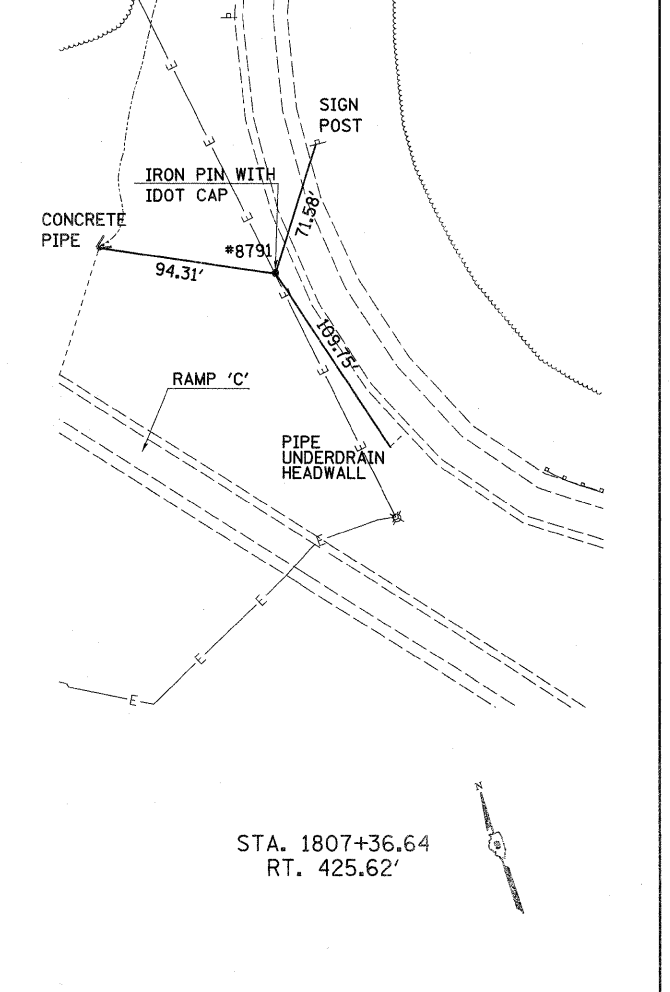
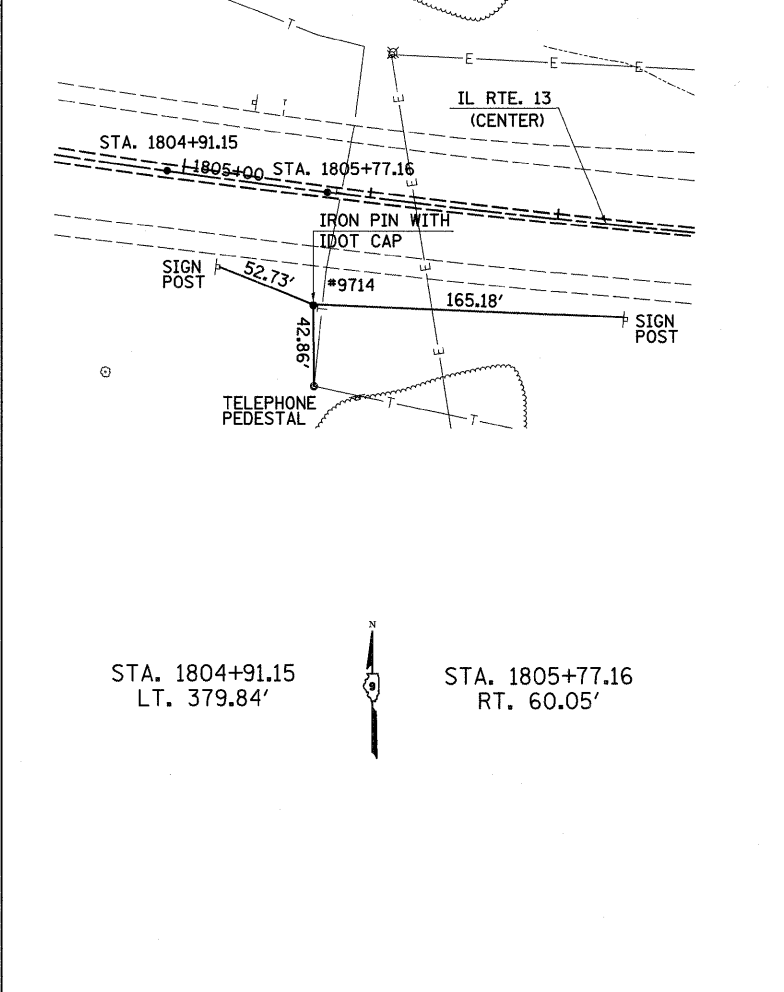
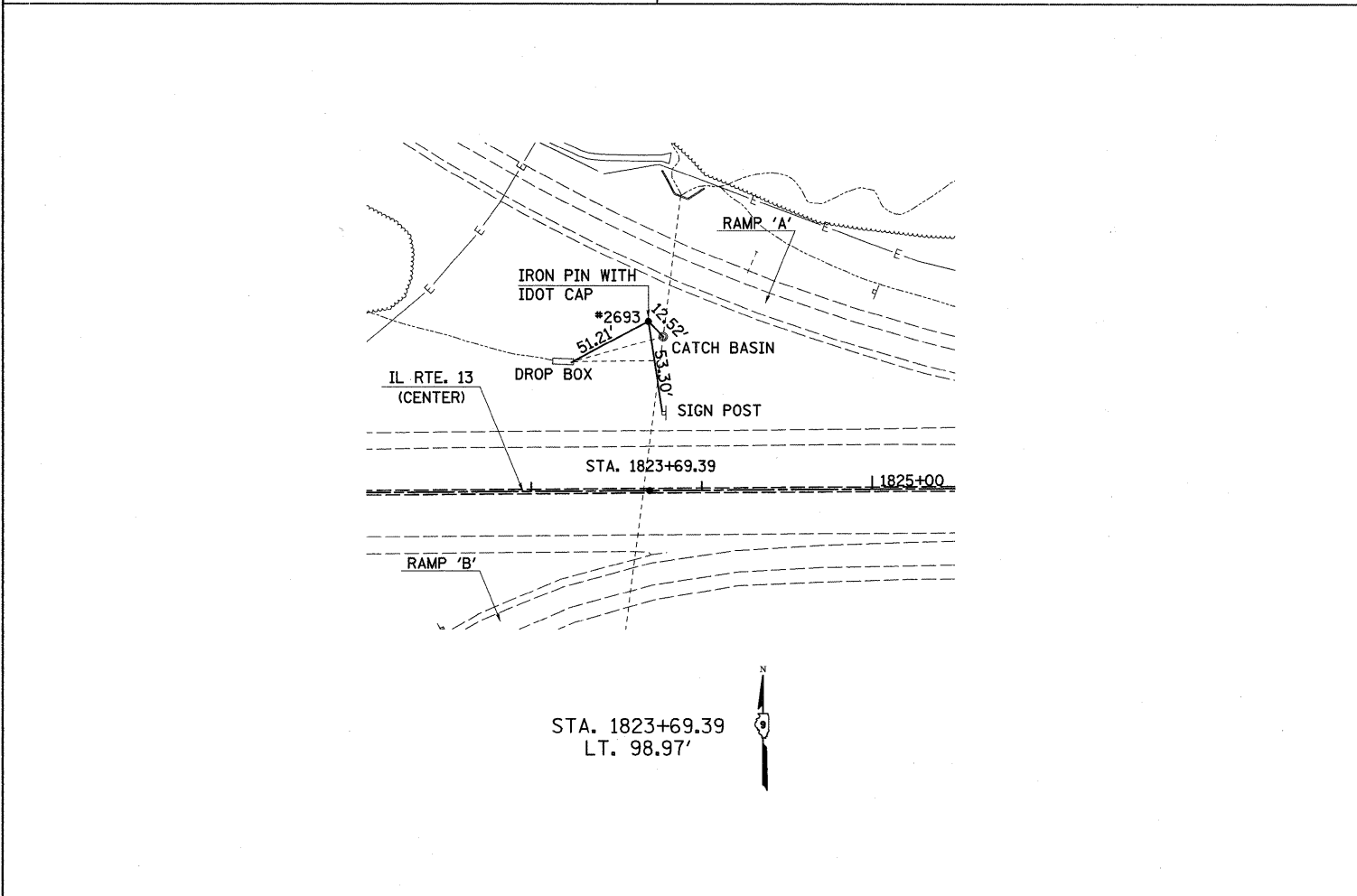
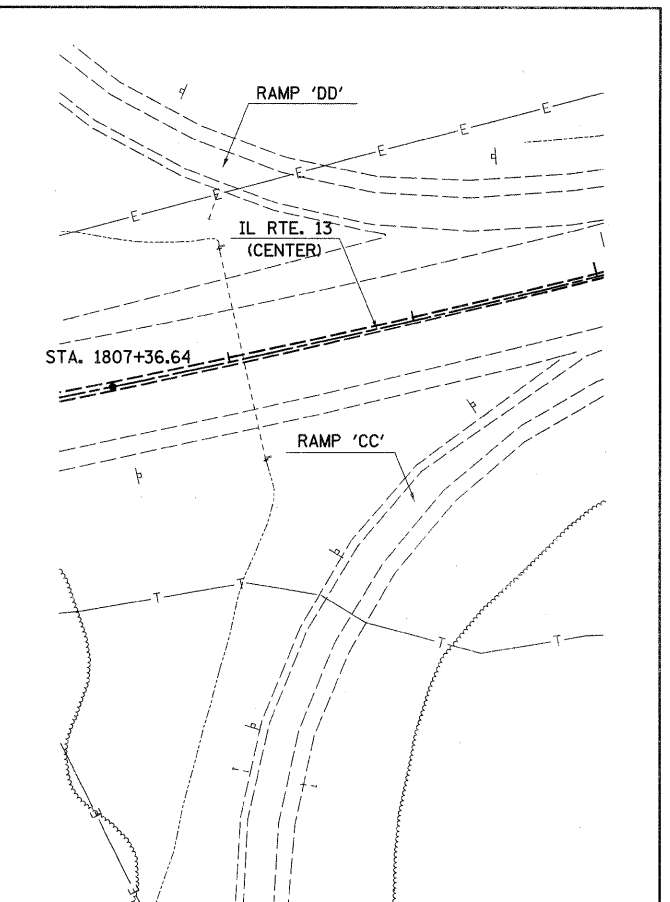
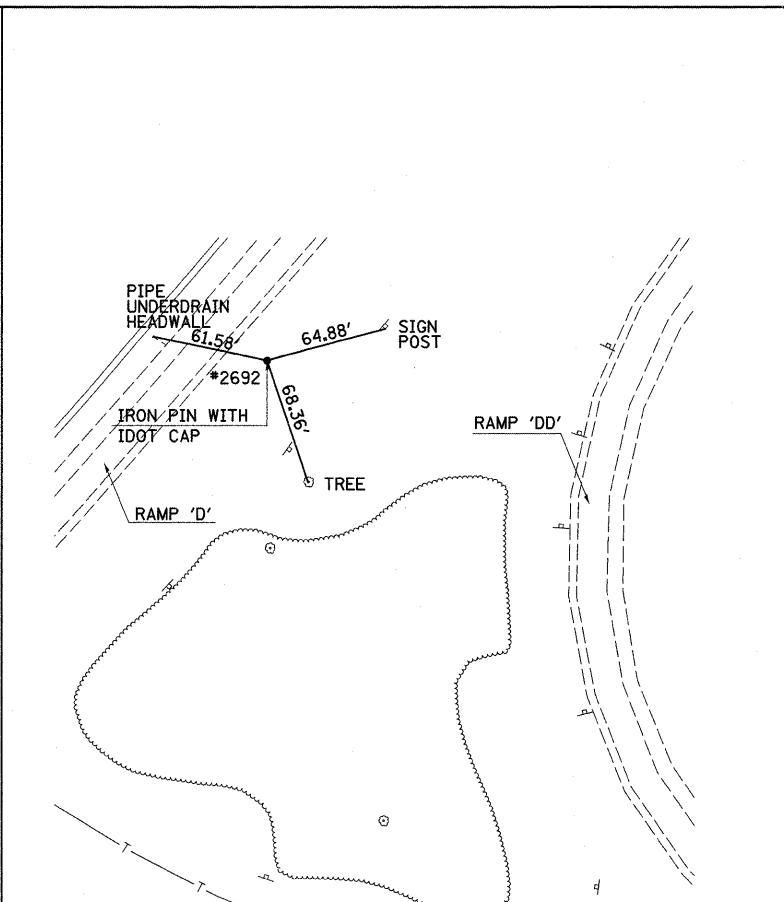
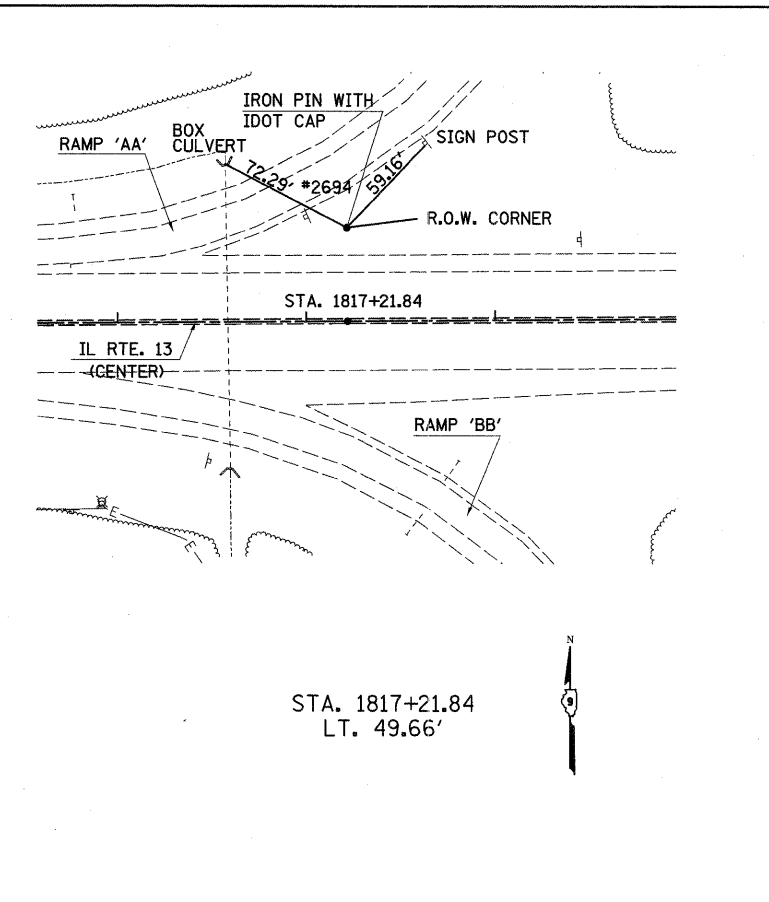
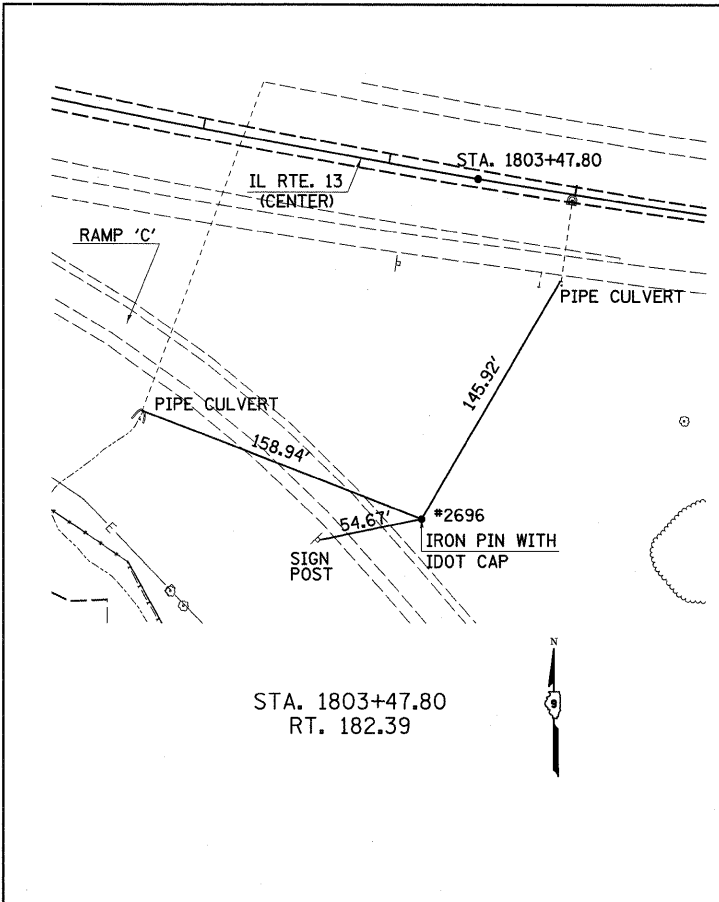


## PAVEMENT MARKINGS

LOCATION STATION TO STATION	THERMOPLASTIC PAVEMENT MARKING	
	LINE 4" SOLID WHITE FOOT	LINE 4" SOLID YELLOW FOOT
	IL 13 EB	
STA 1803+52 TO STA 1807+50	400	
STA 1804+23 TO STA 1805+61		138
STA 1818+00 TO STA 1822+50	450	
STA 1819+86 TO STA 1821+24		138
IL 13 WB		
STA 1802+97 TO STA 1807+50	451	
STA 1804+23 TO STA 1805+61		138
STA 1818+50 TO STA 1822+06.50	357	
STA 1819+86 TO STA 1821+24		138
PROJECT TOTAL		2210

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY PAVEMENT MARKING SCHEDULE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	16
		PLOT SCALE = *SCALE*	REVISED -			CONTRACT NO. 78223				
		PLOT DATE = *DATE*	DATE -	REVISED -	SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	





FILE NAME =  
#FILEL#

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

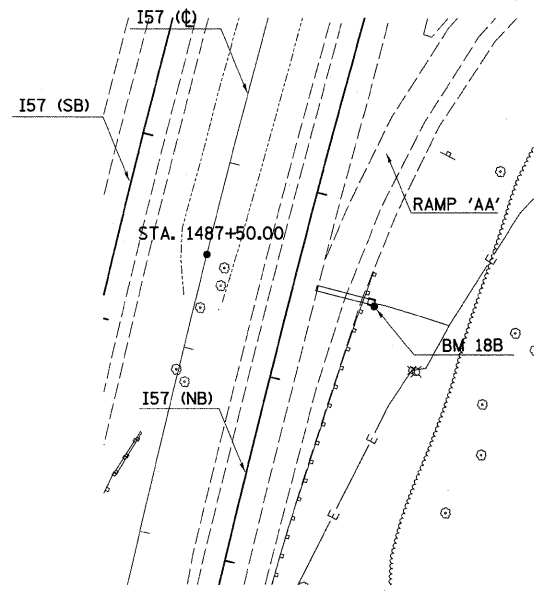
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

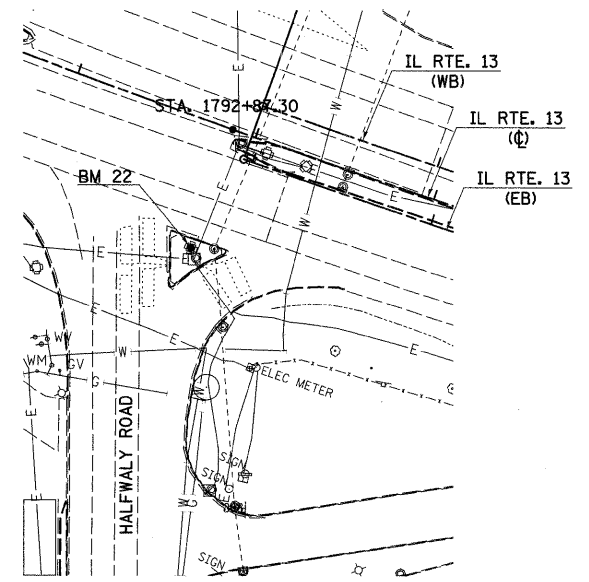
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TIE POINTS  
SCALE: 1" = 50'  
SHEET NO. 1 OF 1 SHEETS  
STA. TO STA.

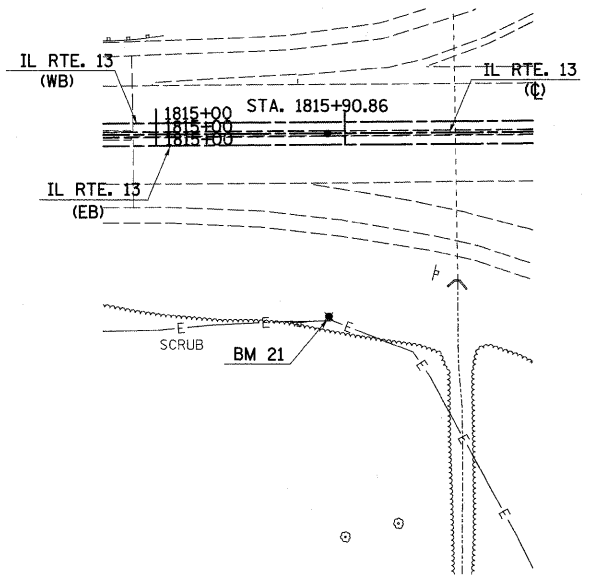
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1A)-1,R-6,N-6,TS-5	WILLIAMSON	52	17
				CONTRACT NO. 78223
ILLINOIS FED. AID PROJECT				



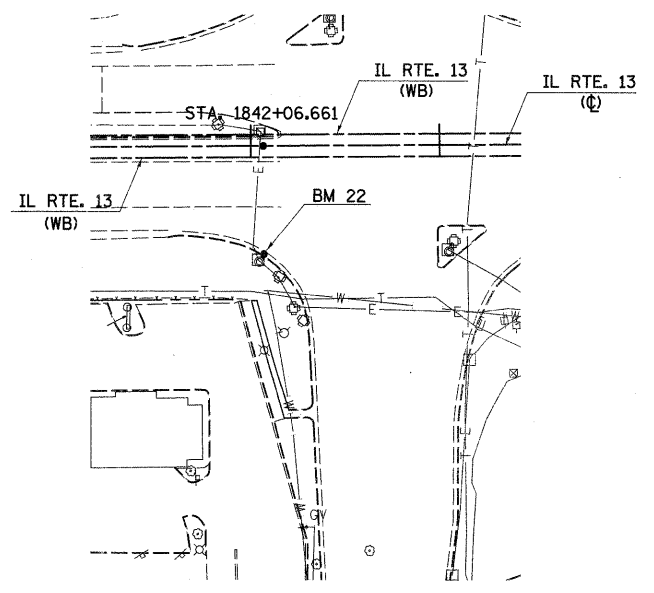
STA. 1487+50.00  
LT. 93.30'



STA. 1792+87.30  
RT. 66.29'



STA. 1815+90.86  
RT. 96.24'

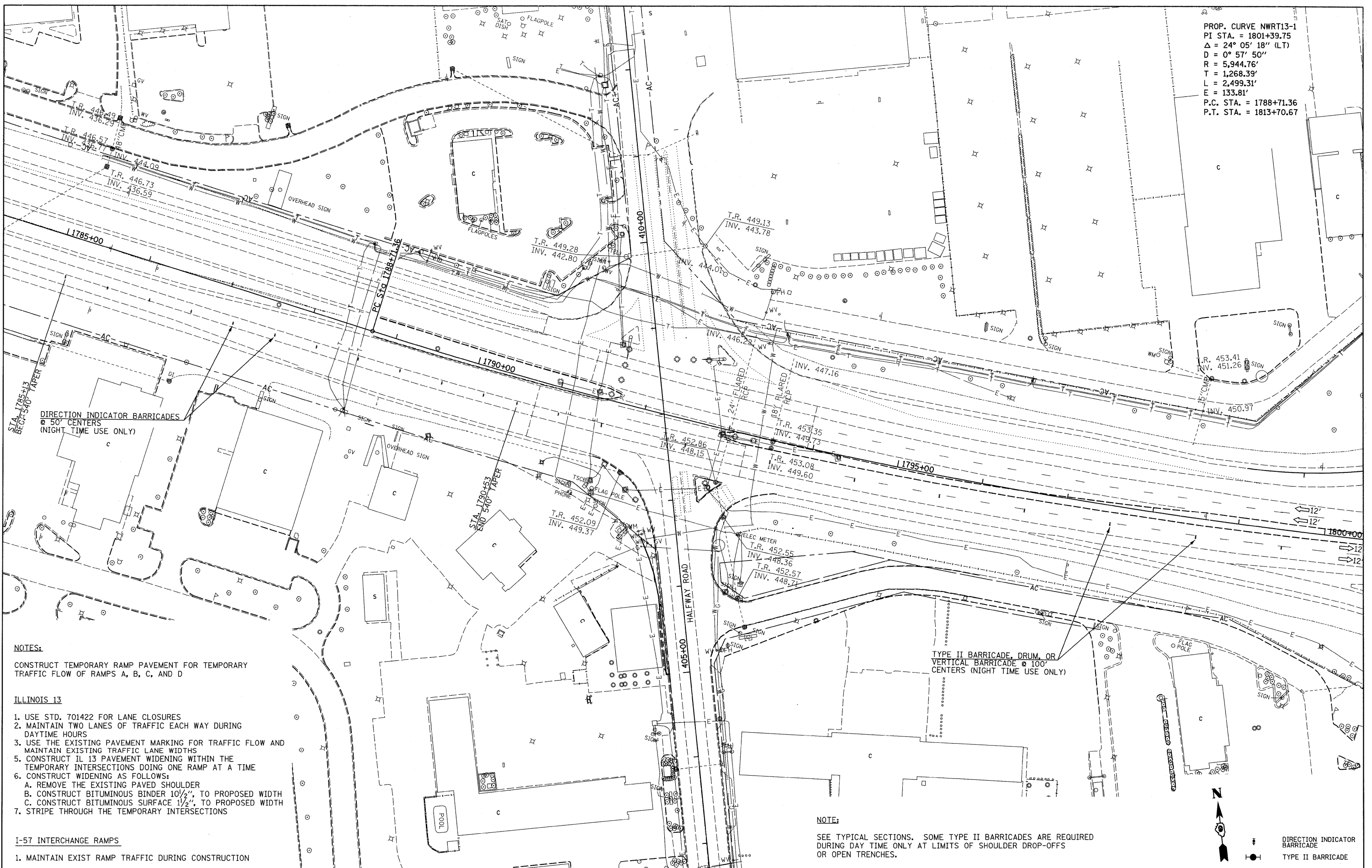


STA. 1842+06.661  
RT. 56.96'

### BENCHMARKS

POINT	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
BM 18B	472.458	I-57 ☐	1487+50.00	93.30' LT	BOLT ON THE SE CORNER OF AN "EXIT 54B" SIGN BASE, LOCATED ON I-57 NBL, SOUTH OF THE RAMP TO WB NEW ROUTE 13.
BM 20	452.763	RTE 13 ☐	1792+87.30	66.29' RT	CUT SQUARE IN BASE OF LIGHT POLE, LOCATED IN SE ISLAND, AT THE INTERSECTION OF HALFWAY ROAD AND NEW ROUTE 13.
BM 21	444.126	RTE 13 ☐	1815+90.86	96.24' RT	CUT SQUARE IN BASE OF LIGHT POLE (#11), LOCATED IN SE CLOVERLEAF INFIELD, AT THE I-57 AND NEW ROUTE 13 INTERCHANGE
BM 22	460.455	RTE 13 ☐	1842+06.61	56.96' RT	CUT SQUARE IN BASE OF TRAFFIC SIGNAL HANDHOLE, LOCATED IN SW QUADRANT OF THE INTERSECTION OF CARBON STREET AND NEW ROUTE 13.

PROP. CURVE NWRT13-1  
 PI STA. = 1801+39.75  
 $\Delta = 24^\circ 05' 18''$  (LT)  
 $D = 0^\circ 57' 50''$   
 $R = 5,944.76'$   
 $T = 1,268.39'$   
 $L = 2,499.31'$   
 $E = 133.81'$   
 P.C. STA. = 1788+71.36  
 P.T. STA. = 1813+70.67



DIRECTION INDICATOR BARRICADES  
 @ 50' CENTERS  
 (NIGHT TIME USE ONLY)

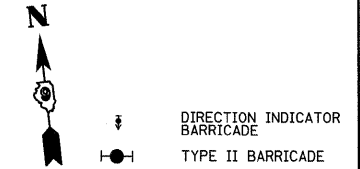
TYPE II BARRICADE, DRUM, OR  
 VERTICAL BARRICADE @ 100'  
 CENTERS (NIGHT TIME USE ONLY)

NOTES:  
 CONSTRUCT TEMPORARY RAMP PAVEMENT FOR TEMPORARY  
 TRAFFIC FLOW OF RAMPS A, B, C, AND D

- ILLINOIS 13**
- USE STD. 701422 FOR LANE CLOSURES
  - MAINTAIN TWO LANES OF TRAFFIC EACH WAY DURING DAYTIME HOURS
  - USE THE EXISTING PAVEMENT MARKING FOR TRAFFIC FLOW AND MAINTAIN EXISTING TRAFFIC LANE WIDTHS
  - CONSTRUCT IL 13 PAVEMENT WIDENING WITHIN THE TEMPORARY INTERSECTIONS FOLLOWING ONE RAMP AT A TIME
  - CONSTRUCT WIDENING AS FOLLOWS:
    - REMOVE THE EXISTING PAVED SHOULDER
    - CONSTRUCT BITUMINOUS BINDER 10 1/2", TO PROPOSED WIDTH
    - CONSTRUCT BITUMINOUS SURFACE 1 1/2", TO PROPOSED WIDTH
  - STRIPE THROUGH THE TEMPORARY INTERSECTIONS

- I-57 INTERCHANGE RAMPS**
- MAINTAIN EXIST RAMP TRAFFIC DURING CONSTRUCTION

NOTE:  
 SEE TYPICAL SECTIONS. SOME TYPE II BARRICADES ARE REQUIRED DURING DAY TIME ONLY AT LIMITS OF SHOULDER DROP-OFFS OR OPEN TRENCHES.



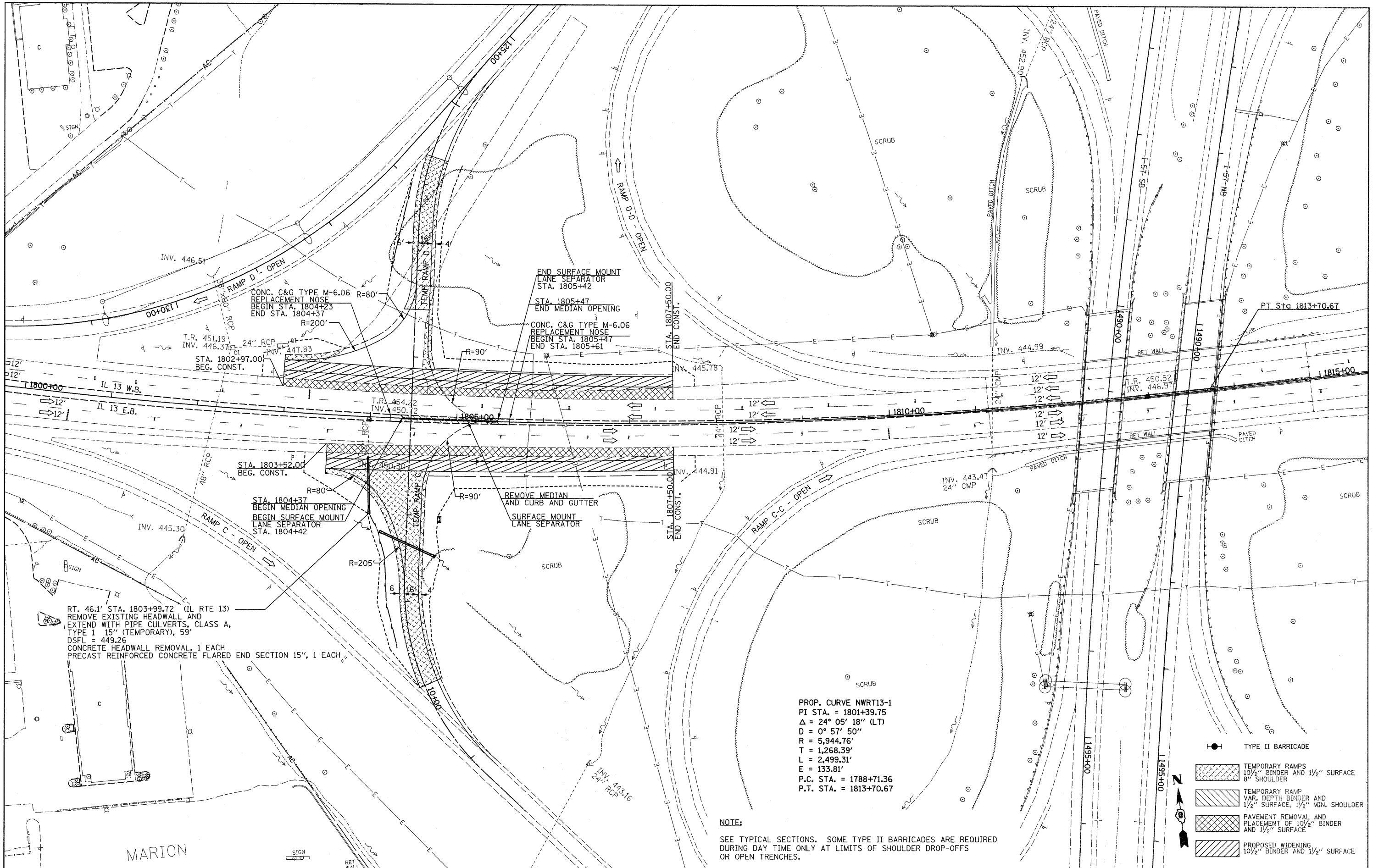
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW & TRAFFIC CONTROL  
 ILLINOIS ROUTE 13**

SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. 1785+00 TO STA. 1800+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	19
CONTRACT NO. 78223			ILLINOIS FED. AID PROJECT	



RT. 46.1' STA. 1803+99.72 (IL RTE 13)  
 REMOVE EXISTING HEADWALL AND  
 EXTEND WITH PIPE CULVERTS, CLASS A,  
 TYPE 1 15" (TEMPORARY), 59'  
 DSFL = 449.26  
 CONCRETE HEADWALL REMOVAL, 1 EACH  
 PRECAST REINFORCED CONCRETE FLARED END SECTION 15', 1 EACH

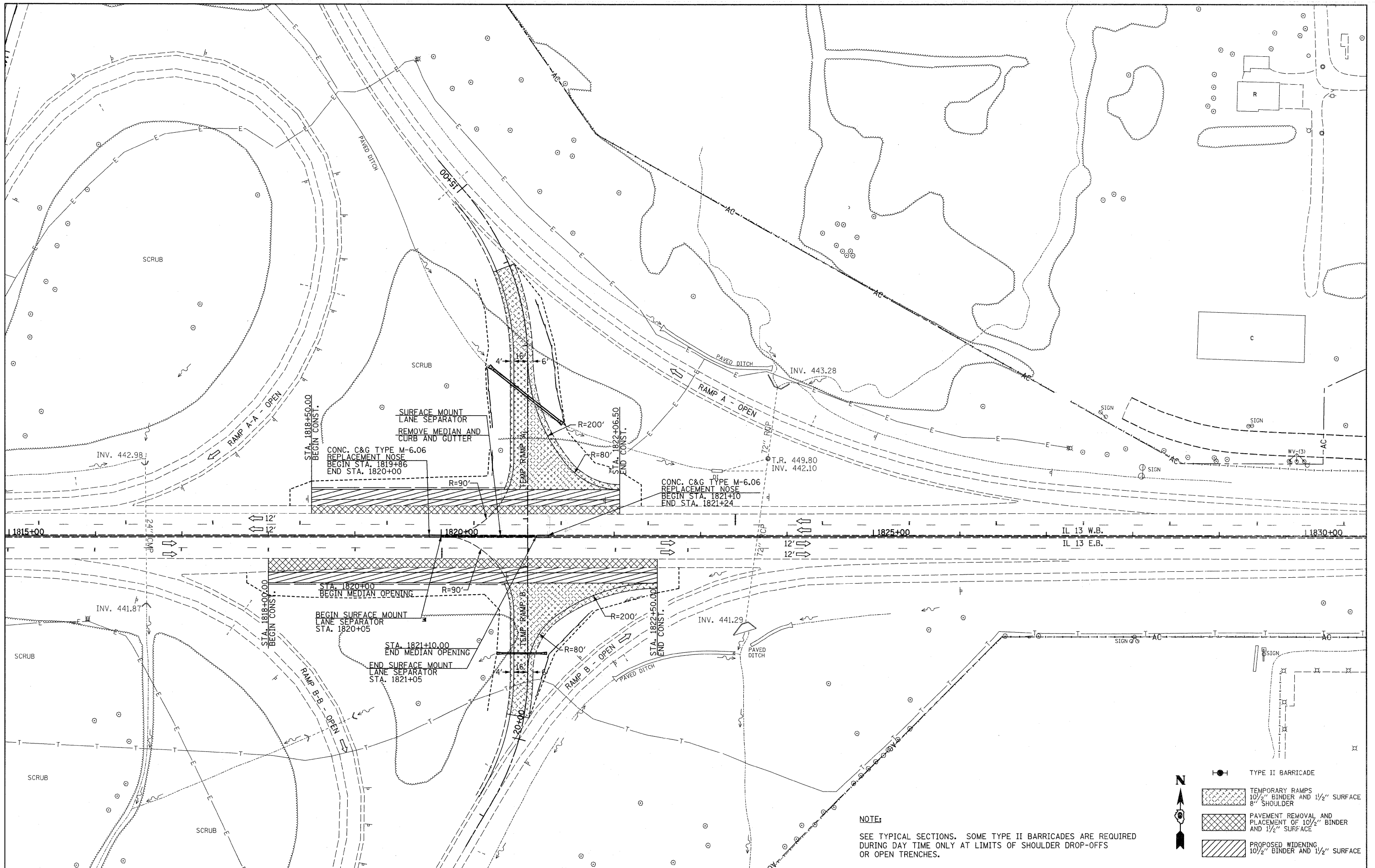
PROP. CURVE NWRT13-1  
 PI STA. = 1801+39.75  
 $\Delta = 24^\circ 05' 18''$  (LT)  
 $D = 0^\circ 57' 50''$   
 $R = 5,944.76'$   
 $T = 1,268.39'$   
 $L = 2,499.31'$   
 $E = 133.81'$   
 P.C. STA. = 1788+71.36  
 P.T. STA. = 1813+70.67

NOTE:  
 SEE TYPICAL SECTIONS. SOME TYPE II BARRICADES ARE REQUIRED  
 DURING DAY TIME ONLY AT LIMITS OF SHOULDER DROP-OFFS  
 OR OPEN TRENCHES.





- TYPE II BARRICADE
- TEMPORARY RAMP  
10 1/2" BINDER AND 1/2" SURFACE  
8" SHOULDER
- TEMPORARY RAMP  
VAR. DEPTH BINDER AND  
1/2" SURFACE, 1/2" MIN. SHOULDER
- PAVEMENT REMOVAL AND  
PLACEMENT OF 10 1/2" BINDER  
AND 1/2" SURFACE
- PROPOSED WIDENING  
10 1/2" BINDER AND 1/2" SURFACE

MARION

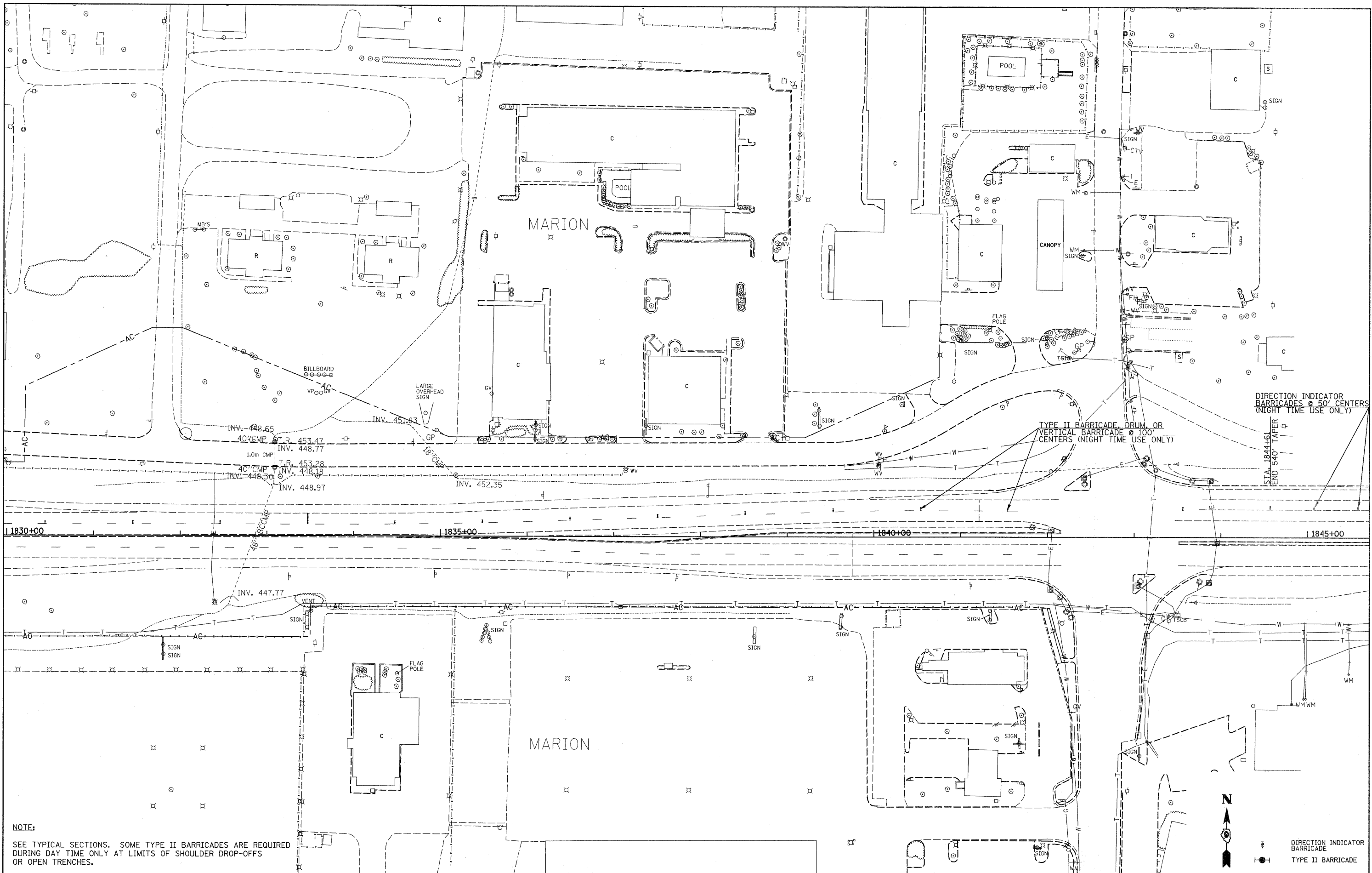
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW &amp; TRAFFIC CONTROL ILLINOIS ROUTE 13</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL#		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS	STA. 1800+00 TO STA. 1815+00	331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	20
		CHECKED -	REVISED -									
		DATE -	REVISED -									
											CONTRACT NO. 78223	
											ILLINOIS FED. AID PROJECT	



**NOTE:**  
 SEE TYPICAL SECTIONS. SOME TYPE II BARRICADES ARE REQUIRED DURING DAY TIME ONLY AT LIMITS OF SHOULDER DROP-OFFS OR OPEN TRENCHES.

-  TYPE II BARRICADE
-  TEMPORARY RAMPS  
10 1/2" BINDER AND 1 1/2" SURFACE  
8" SHOULDER
-  PAVEMENT REMOVAL AND  
PLACEMENT OF 10 1/2" BINDER  
AND 1 1/2" SURFACE
-  PROPOSED WIDENING  
10 1/2" BINDER AND 1 1/2" SURFACE

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW &amp; TRAFFIC CONTROL ILLINOIS ROUTE 13</b>		F.A.P. RTE. 331	SECTION (1X-1)A-1,R-6,N-6,TS-5	COUNTY WILLIAMSON	TOTAL SHEETS 52	SHEET NO. 21	
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 3 OF 5 SHEETS	STA. 1815+00 TO STA. 1830+00	CONTRACT NO. 78223		ILLINOIS FED. AID PROJECT		
	PLOT DATE = #DATE#	CHECKED -	REVISED -									
		DATE -	REVISED -									



**NOTE:**  
SEE TYPICAL SECTIONS. SOME TYPE II BARRICADES ARE REQUIRED DURING DAY TIME ONLY AT LIMITS OF SHOULDER DROP-OFFS OR OPEN TRENCHES.

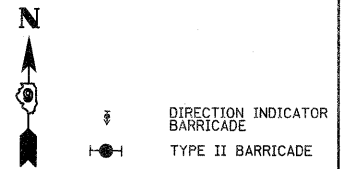
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW & TRAFFIC CONTROL  
ILLINOIS ROUTE 13**

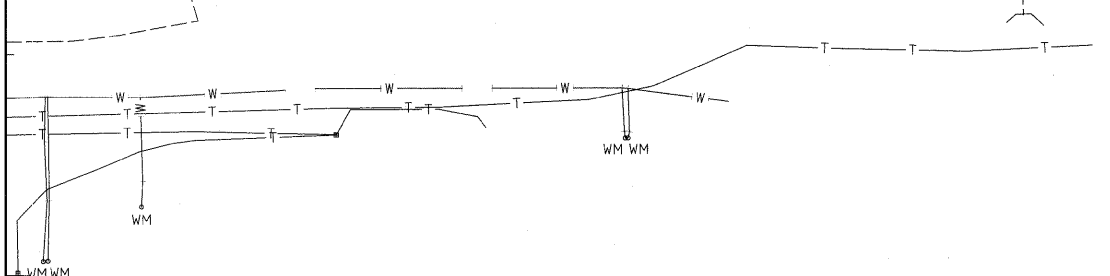
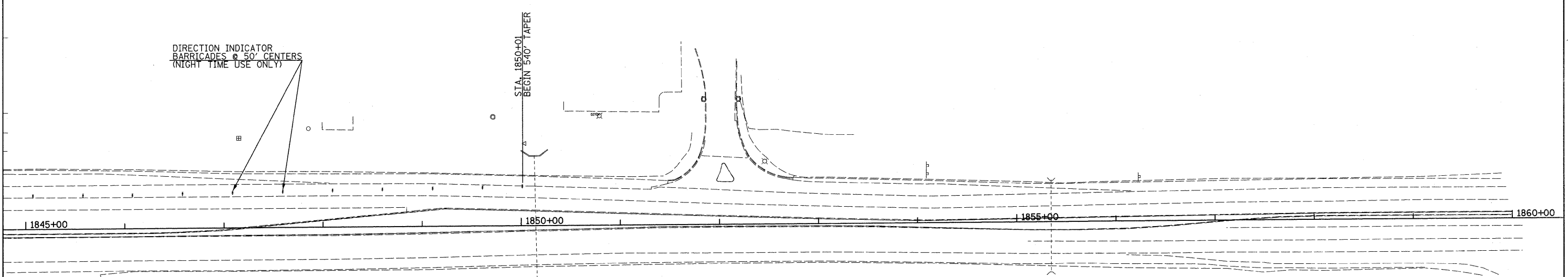
SCALE: 1" = 50'    SHEET NO. 4 OF 5 SHEETS    STA. 1830+00 TO STA. 1845+00

F.A.P. RTE. 331	SECTION (1X-1)A-1,R-6,N-6,TS-5	COUNTY WILLIAMSON	TOTAL SHEETS 52	SHEET NO. 22
CONTRACT NO. 78223				
ILLINOIS FED. AID PROJECT				



DIRECTION INDICATOR  
BARRICADES @ 50' CENTERS  
(NIGHT TIME USE ONLY)

STA. 1850+01  
BEGIN 540' TAPER



↑ DIRECTION INDICATOR  
BARRICADE  
●-| TYPE II BARRICADE

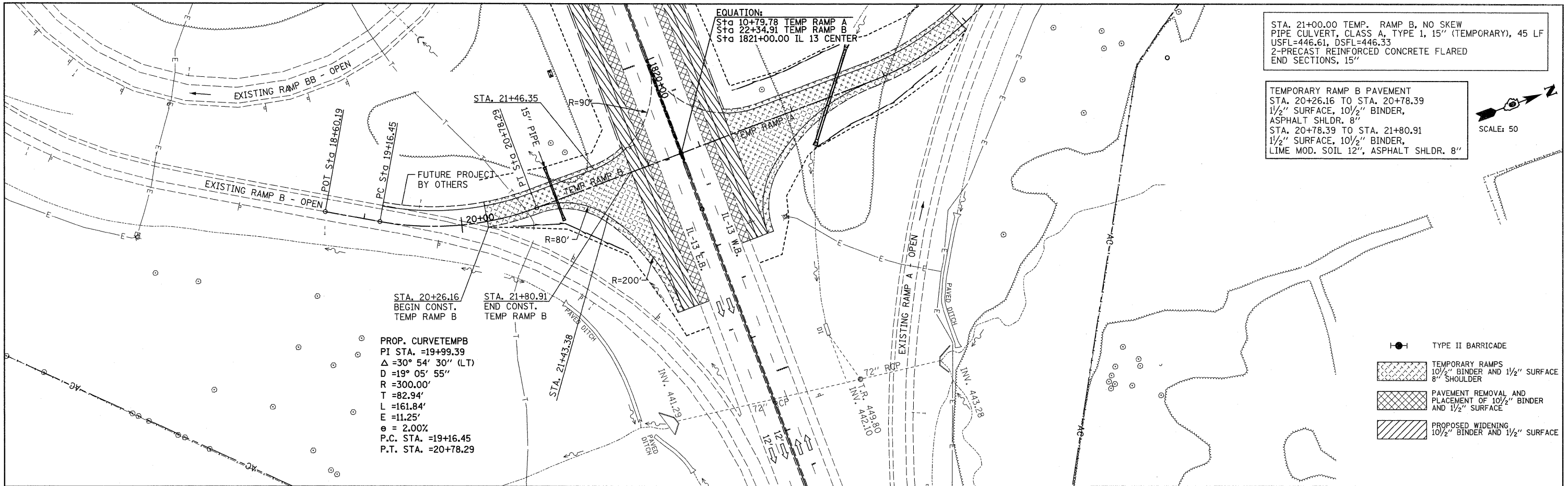
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN VIEW &amp; TRAFFIC CONTROL ILLINOIS ROUTE 13</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS	STA. 1845+00 TO STA. 1860+00	331	(IX-11A-1,R-6,N-6,TS-5	WILLIAMSON	52	23
		CHECKED -	REVISED -		CONTRACT NO. 78223							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							





PLAN  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ALIGNED BY: \_\_\_\_\_  
 RT. OF WAY CHECKED BY: \_\_\_\_\_  
 ROAD FILE NAME: \_\_\_\_\_

PROFILE  
 GRADES CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 S.M. NOTED BY: \_\_\_\_\_  
 STRUCTURE NOTATIONS CHD: \_\_\_\_\_



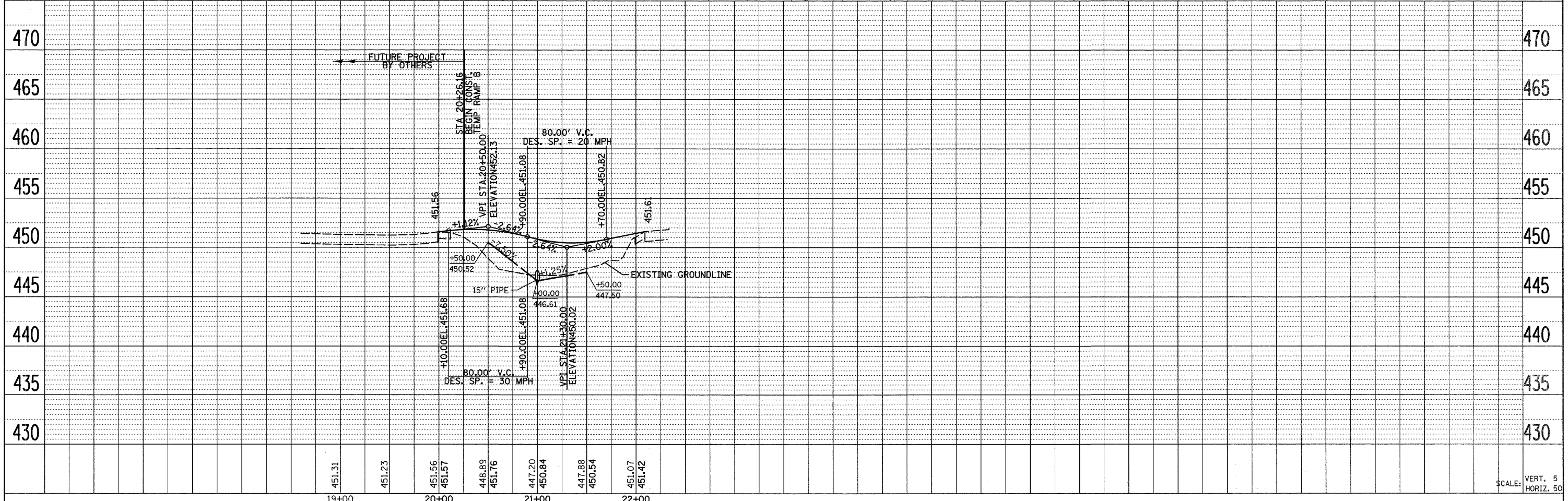
EQUATION:  
 Sta 10+79.78 TEMP RAMP A  
 Sta 22+34.91 TEMP RAMP B  
 Sta 1821+00.00 IL 13 CENTER

STA. 21+00.00 TEMP. RAMP B, NO SKEW  
 PIPE CULVERT, CLASS A, TYPE 1, 15" (TEMPORARY), 45 LF  
 USFL=446.61, DSFL=446.33  
 2-PRECAST REINFORCED CONCRETE FLARED  
 END SECTIONS, 15"

TEMPORARY RAMP B PAVEMENT  
 STA. 20+26.16 TO STA. 20+78.39  
 1 1/2" SURFACE, 10 1/2" BINDER,  
 ASPHALT SHLDR. 8"  
 STA. 20+78.39 TO STA. 21+80.91  
 1 1/2" SURFACE, 10 1/2" BINDER,  
 LIME MOD. SOIL 12", ASPHALT SHLDR. 8"

PROP. CURVETEMP B  
 PI STA. =19+99.39  
 $\Delta = 30^\circ 54' 30''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 82.94'$   
 $L = 161.84'$   
 $E = 11.25'$   
 $e = 2.00\%$   
 P.C. STA. =19+16.45  
 P.T. STA. =20+78.29

- TYPE II BARRICADE
- TEMPORARY RAMPS  
10 1/2" BINDER AND 1 1/2" SURFACE  
8" SHOULDER
- PAVEMENT REMOVAL AND  
PLACEMENT OF 10 1/2" BINDER  
AND 1 1/2" SURFACE
- PROPOSED WIDENING  
10 1/2" BINDER AND 1 1/2" SURFACE

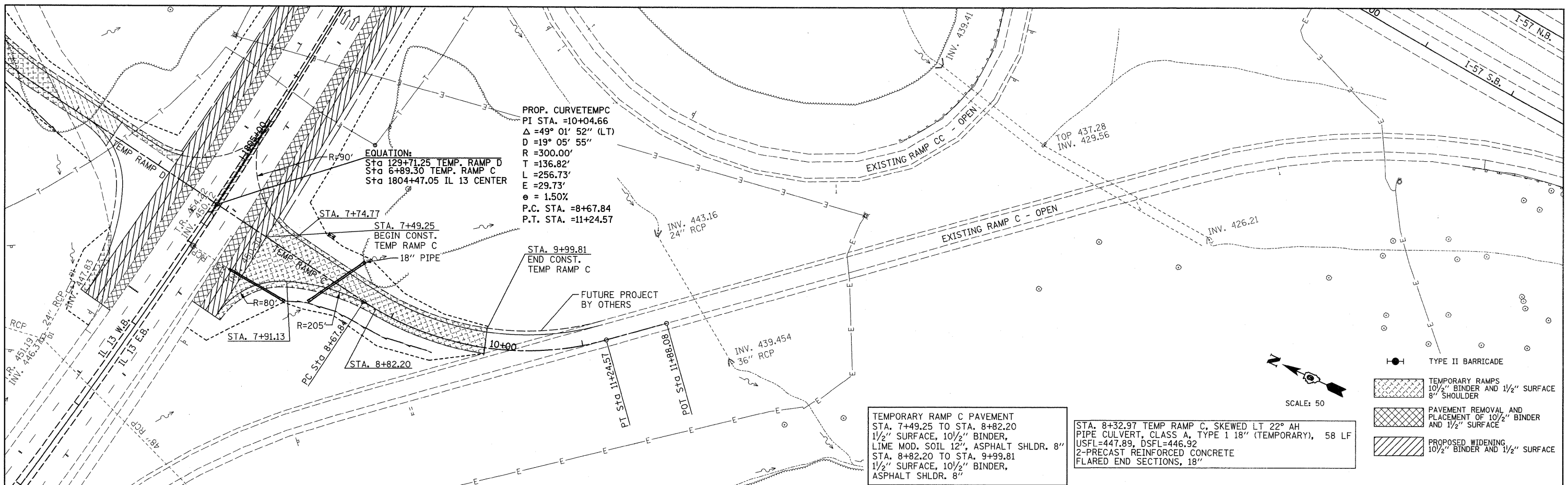


SCALE: VERT. 5  
 HORIZ. 50

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY RAMP B PLAN &amp; PROFILE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	DESIGNED BY	DRAWN -	REVISED -			331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	25	
	PLLOT SCALE = *SCALE*	CHECKED -	REVISED -			CONTRACT NO. 78223					
	PLLOT DATE = *DATE*	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
		19+00	20+00	21+00	22+00	SCALE:		SHEET NO. 1 OF 1 SHEETS		STA. 18+60.19 TO STA. 22+34.91	

PLAN SURVEYED BY DATE  
 ALIGNMENT CHECKED BY  
 RT. OF WAY CHECKED BY  
 NOTE BOOK NO. FILE NAME

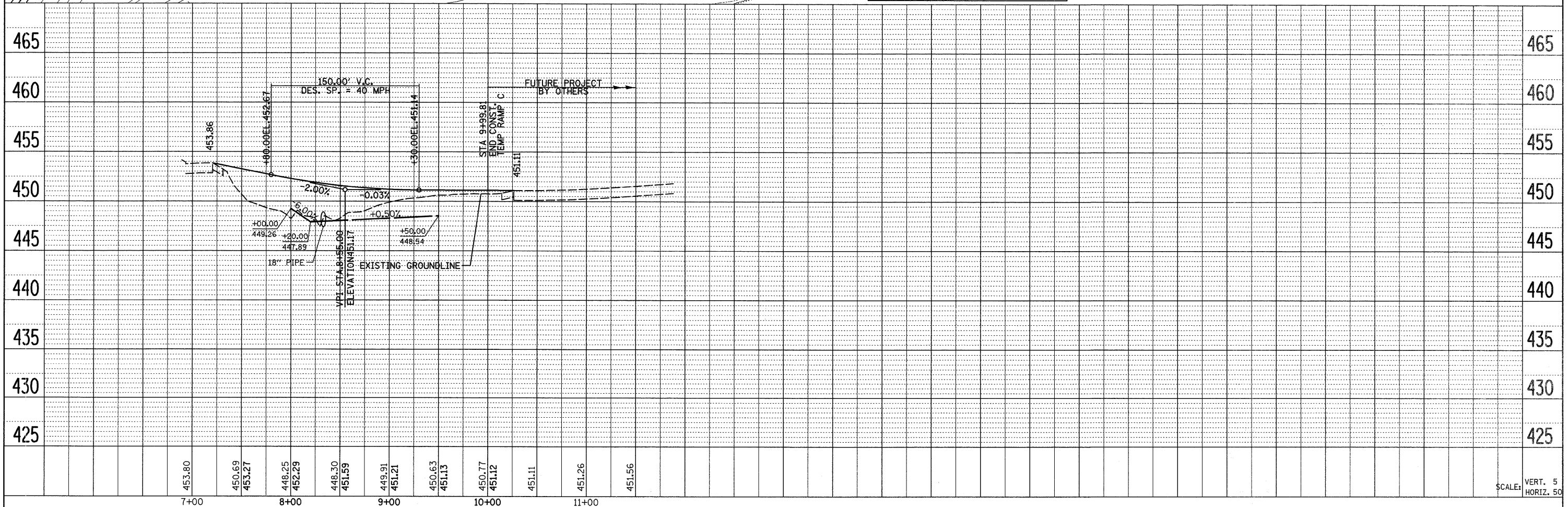
PROFILE SURVEYED BY DATE  
 GRADES CHECKED BY  
 NOTE BOOK NO. NOTED BY  
 STRUCTURE NOTATIONS CHECKED BY



TEMPORARY RAMP C PAVEMENT  
 STA. 7+49.25 TO STA. 8+82.20  
 1 1/2" SURFACE, 10 1/2" BINDER,  
 LIME MOD. SOIL 12", ASPHALT SHLDR. 8"

STA. 8+82.20 TO STA. 9+99.81  
 1 1/2" SURFACE, 10 1/2" BINDER,  
 ASPHALT SHLDR. 8"

STA. 8+32.97 TEMP RAMP C, SKEWED LT 22° AH  
 PIPE CULVERT, CLASS A, TYPE 1 18" (TEMPORARY), 58 LF  
 USFL=447.89, DSFL=446.92  
 2-PRECAST REINFORCED CONCRETE  
 FLARED END SECTIONS, 18"



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**

**TEMPORARY RAMP C**  
**PLAN & PROFILE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	26
CONTRACT NO. 78223				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 6+89.30 TO STA. 11+88.08

PLAN  
 SURVEYED \_\_\_\_\_  
 ALIGNED CHECKED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 DAD FILE NAME \_\_\_\_\_

PROFILE  
 SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 B.M. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHFD \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 NO. \_\_\_\_\_

FILE NAME = \_\_\_\_\_  
 \$FILE.\$ \_\_\_\_\_

USER NAME = \*USER\*  
 DESIGNED - \_\_\_\_\_  
 DRAWN - \_\_\_\_\_  
 CHECKED - \_\_\_\_\_  
 DATE - \_\_\_\_\_

REVISOR - \_\_\_\_\_  
 REVISION - \_\_\_\_\_  
 REVISION - \_\_\_\_\_  
 REVISION - \_\_\_\_\_

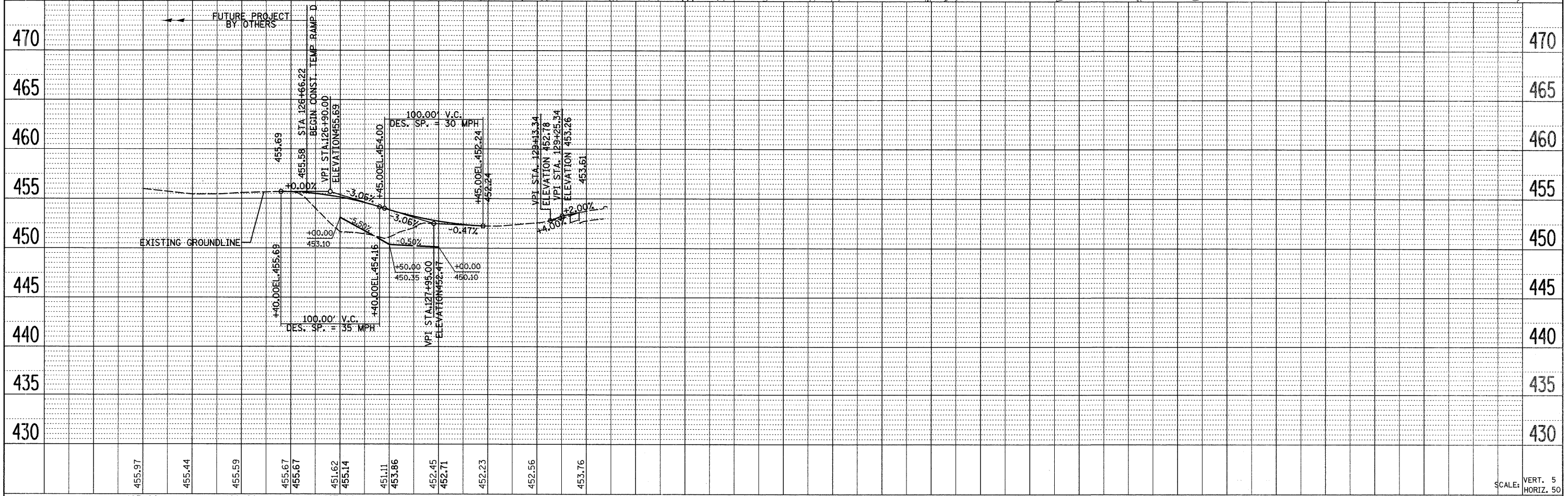
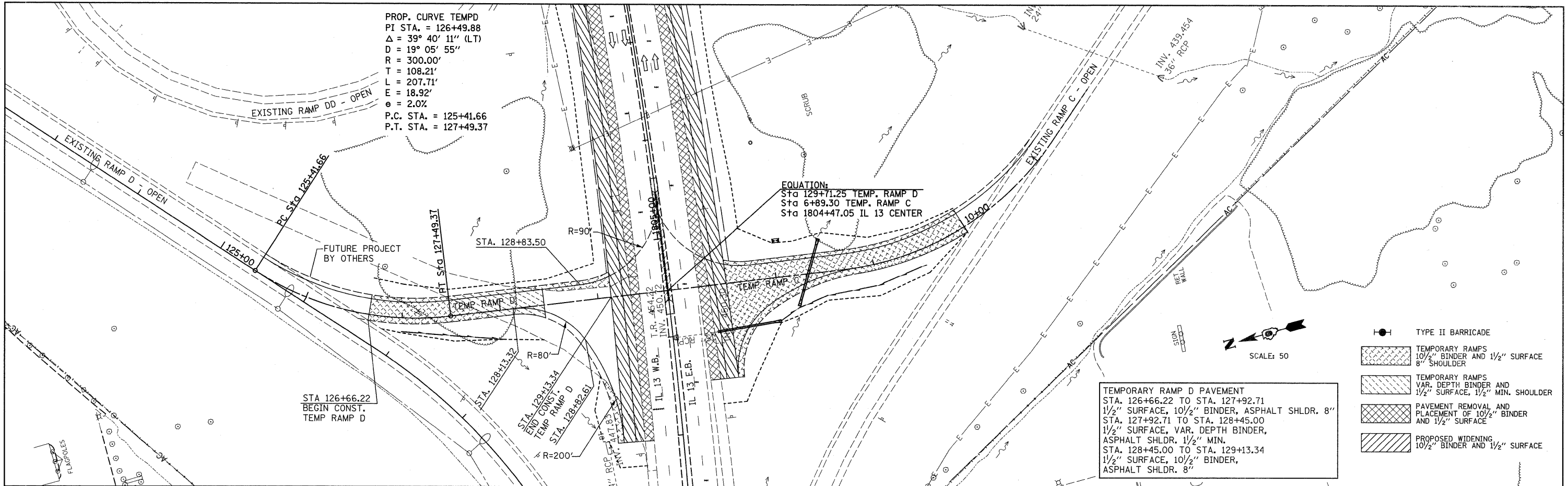
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY RAMP D  
 PLAN & PROFILE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	27
CONTRACT NO. 78223				

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 125+41.66 TO STA. 129+71.25

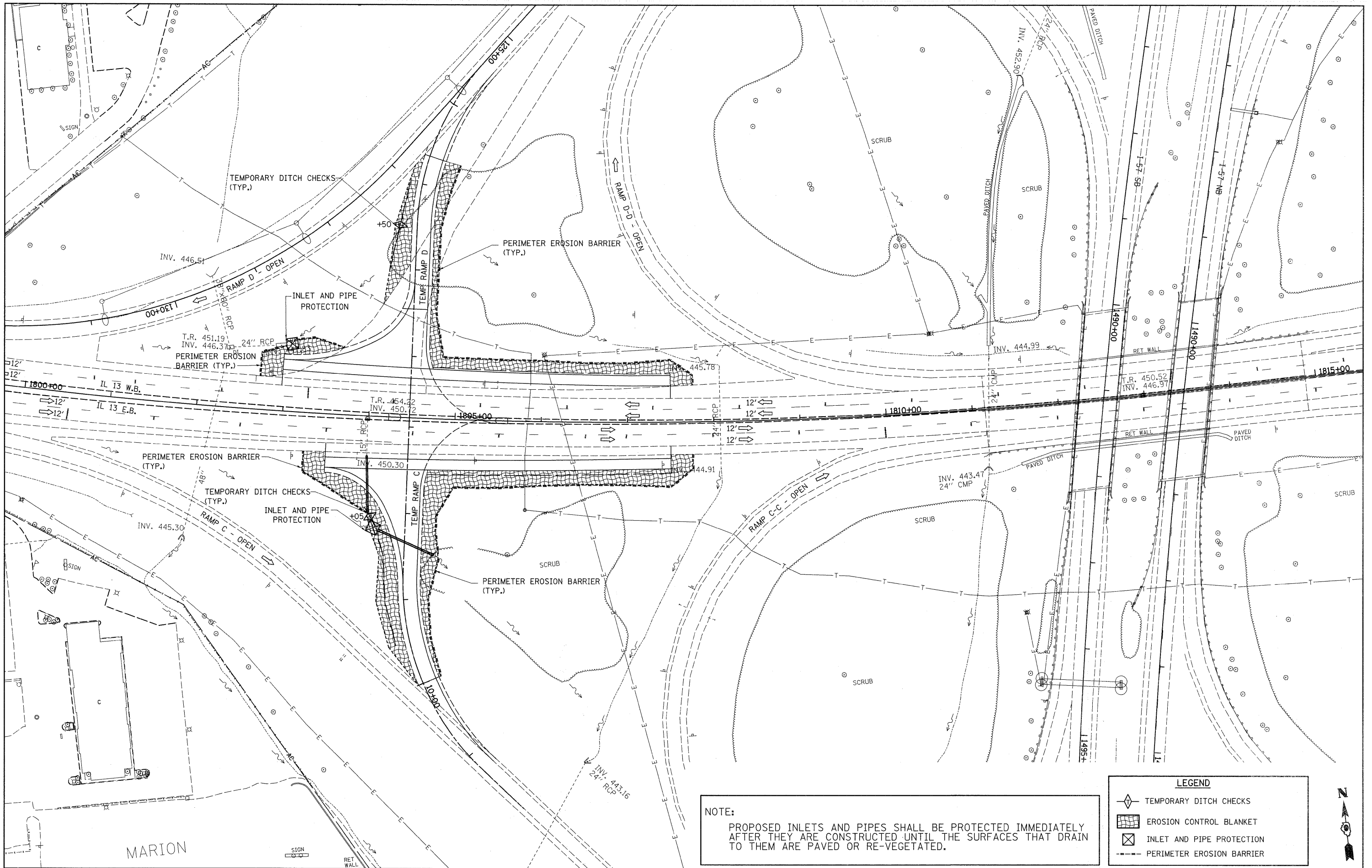
ILLINOIS FED. AID PROJECT



- TYPE II BARRICADE
- TEMPORARY RAMPS  
10 1/2" BINDER AND 1 1/2" SURFACE  
8" SHOULDER
- TEMPORARY RAMPS  
VAR. DEPTH BINDER AND  
1 1/2" SURFACE, 1 1/2" MIN. SHOULDER
- PAVEMENT REMOVAL AND  
PLACEMENT OF 10 1/2" BINDER  
AND 1 1/2" SURFACE
- PROPOSED WIDENING  
10 1/2" BINDER AND 1 1/2" SURFACE

SCALE: 50

SCALE: VERT. 5  
 HORIZ. 50



**NOTE:**  
 PROPOSED INLETS AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE PAVED OR RE-VEGETATED.

LEGEND	
	TEMPORARY DITCH CHECKS
	EROSION CONTROL BLANKET
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER



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

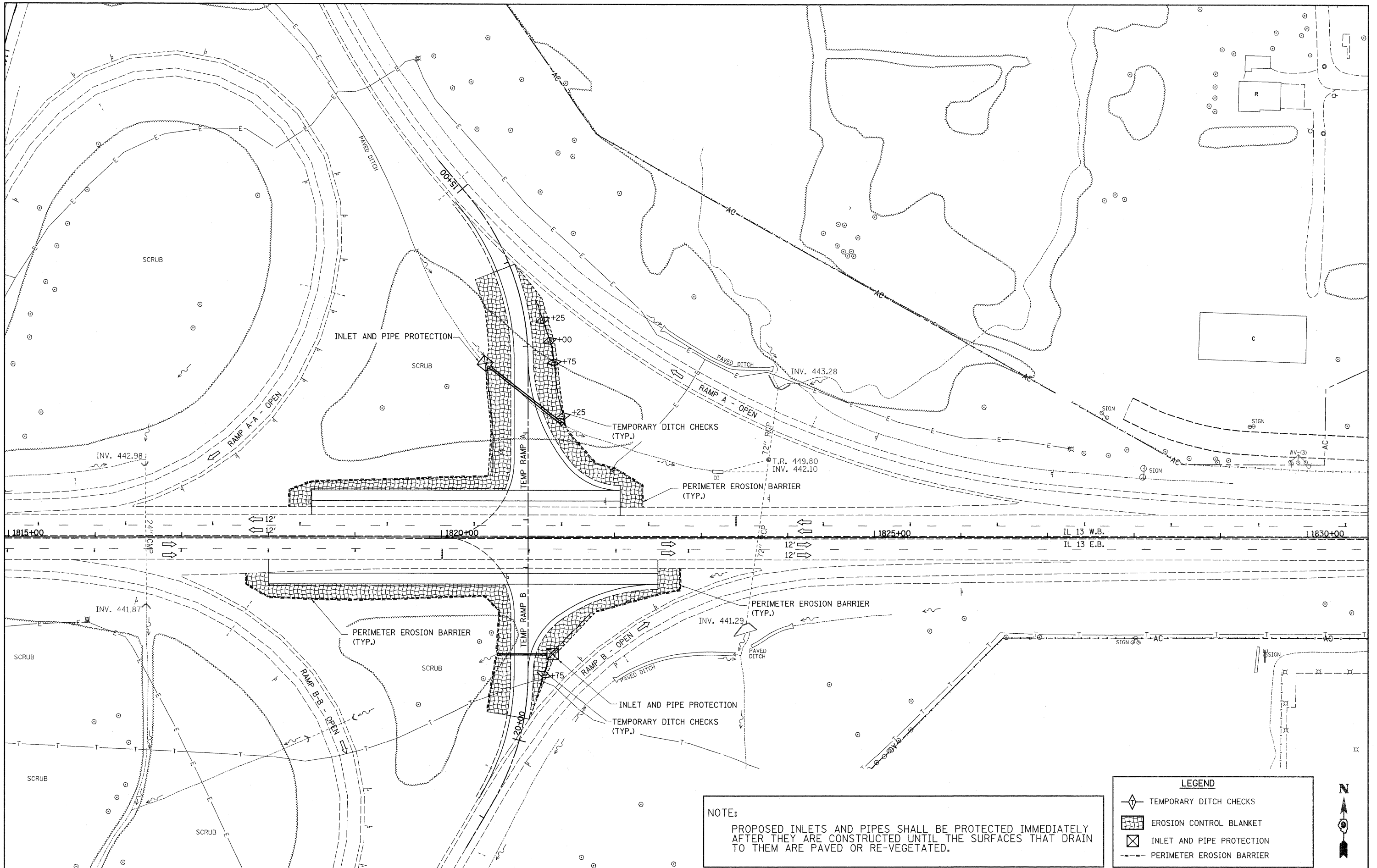
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY EROSION CONTROL PLAN**

SCALE: 1" = 50'    SHEET NO. 1 OF 2 SHEETS    STA. 1800+00 TO STA. 1815+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	28
CONTRACT NO. 78223			ILLINOIS FED. AID PROJECT	

MARION



**NOTE:**  
 PROPOSED INLETS AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE PAVED OR RE-VEGETATED.

LEGEND				
	TEMPORARY DITCH CHECKS			
	EROSION CONTROL BLANKET			
	INLET AND PIPE PROTECTION			
	PERIMETER EROSION BARRIER			

FILE NAME =  
 #FILEL#

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

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

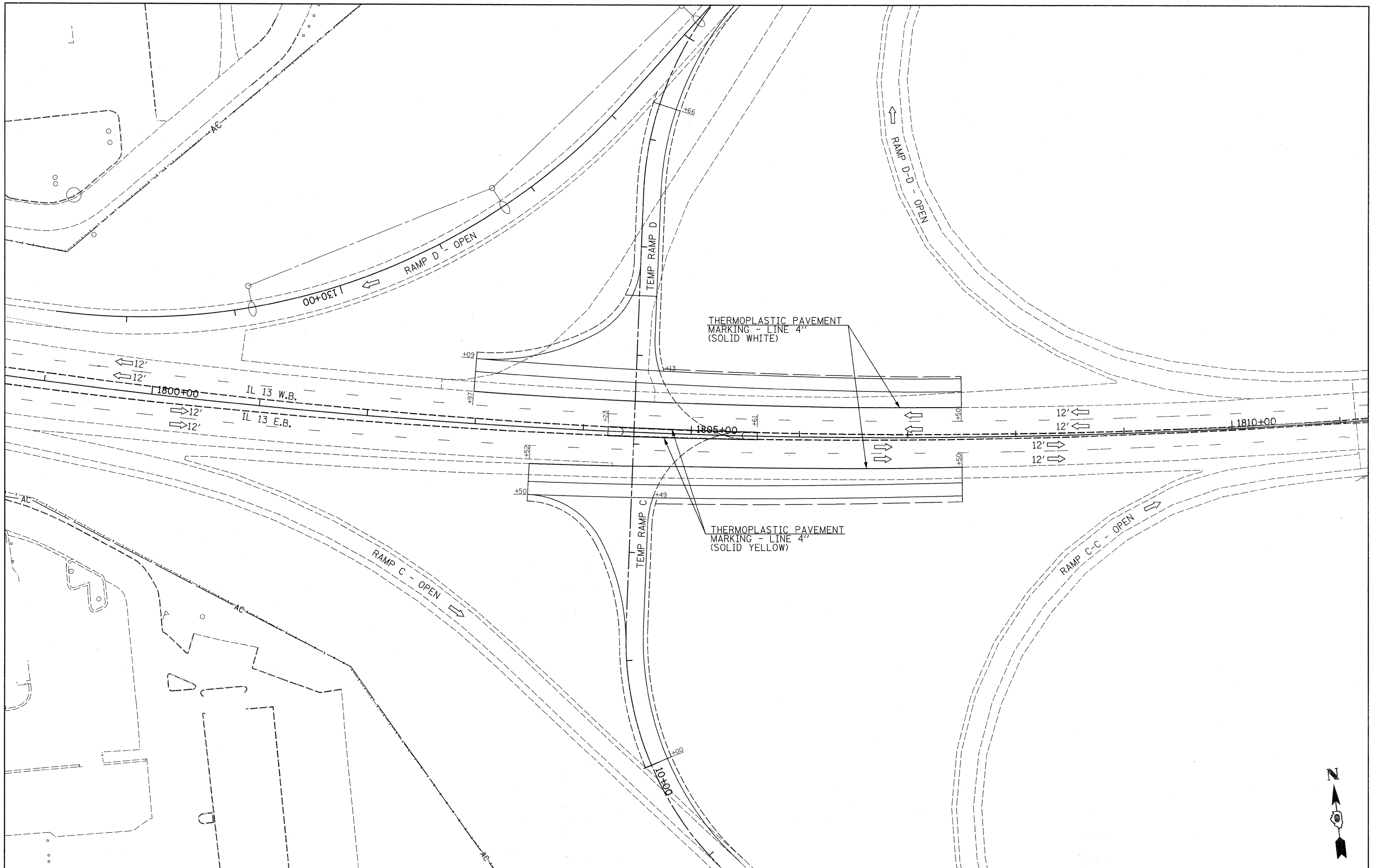
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY EROSION CONTROL PLAN**

SCALE: 1" = 50'    SHEET NO. 2 OF 2 SHEETS    STA. 1815+00 TO STA. 1830+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	29
CONTRACT NO. 78223			ILLINOIS FED. AID PROJECT	



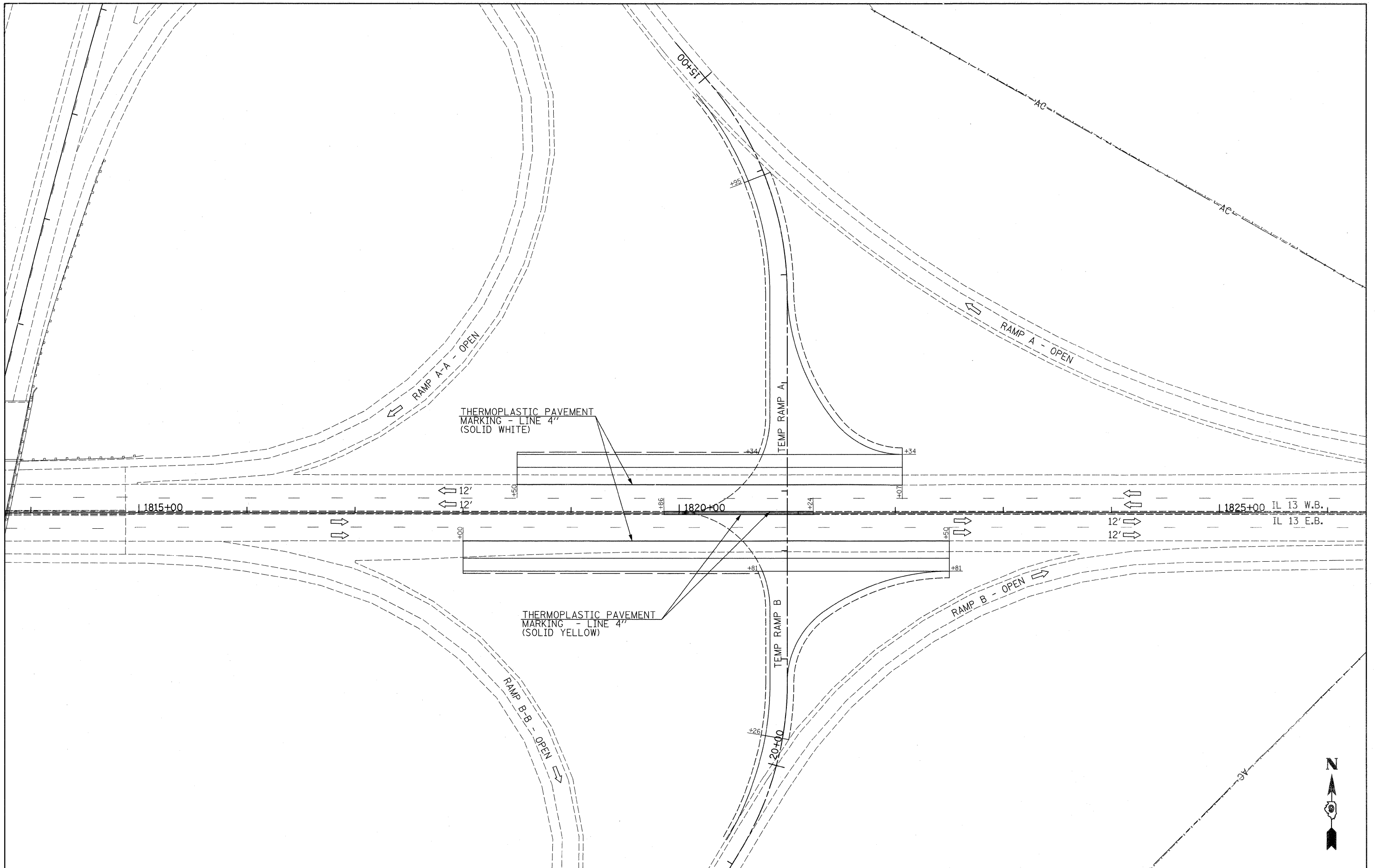
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

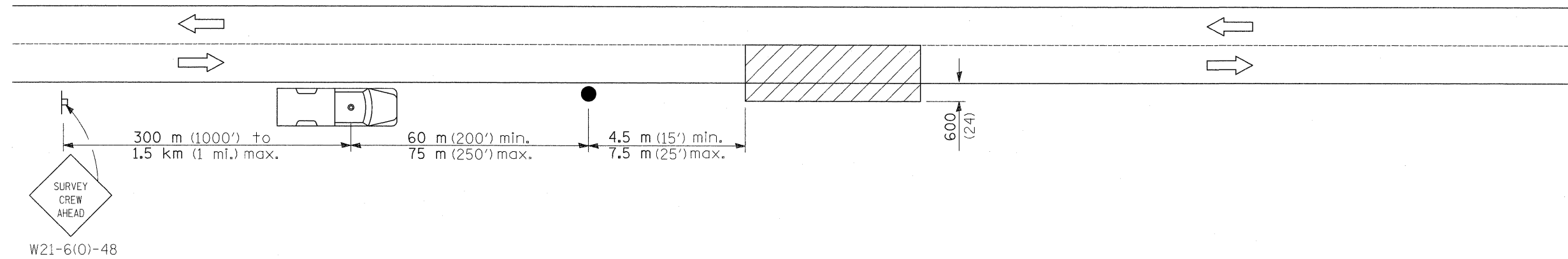
**PAVEMENT MARKING**

SCALE: 1" = 40'      SHEET NO. 1 OF 2 SHEETS      STA. 1799+00 TO STA. 1811+00

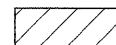
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	30
CONTRACT NO. 78223				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET NO. 2 OF 2 SHEETS	331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	31
		CHECKED -	REVISED -		STA. 1814+00 TO STA. 1826+00	CONTRACT NO. 78223					
		DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



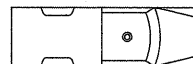
### SYMBOLS



Work area



Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers



Flagger with traffic control sign

### TYPICAL APPLICATIONS

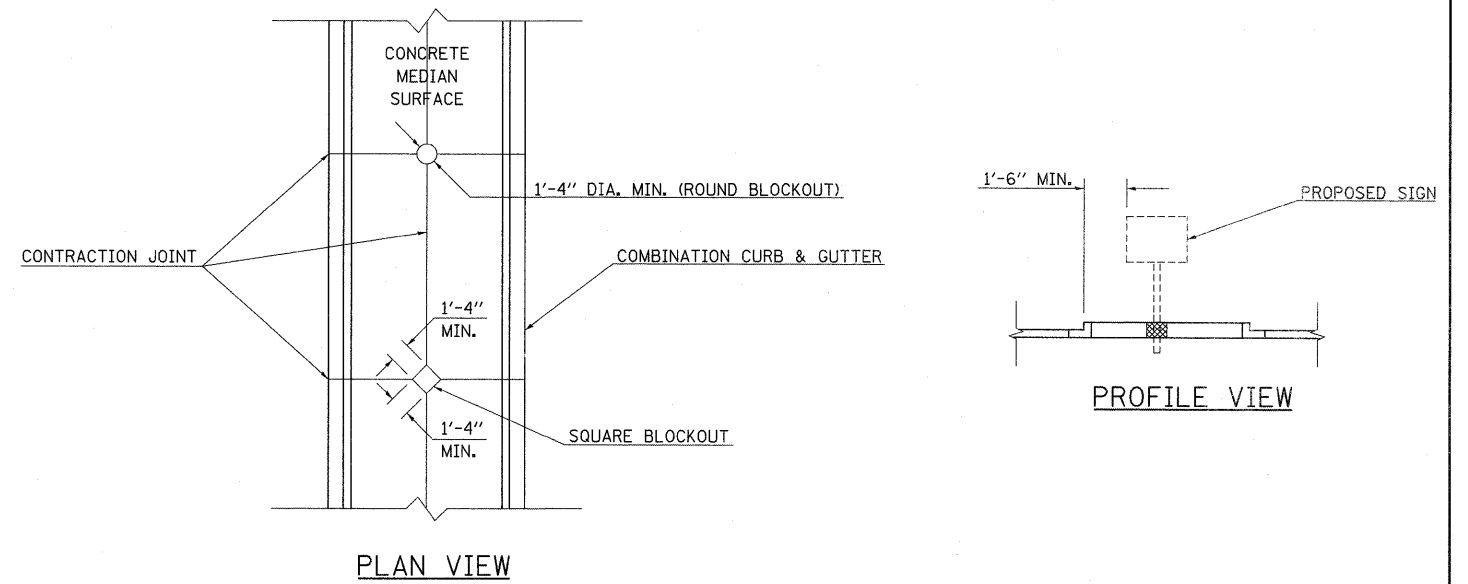
Utility operations

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

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL: NIGHTTIME LIGHTING INSPECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -					331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	32
	PLOT DATE = *DATE*	DATE -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78223 ILLINOIS FED. AID PROJECT	



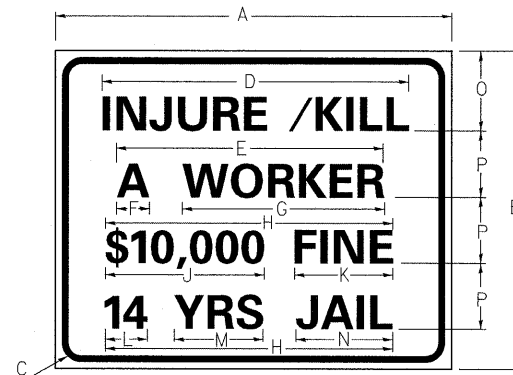
## SIGN POST BLOCKOUT



REVISIONS	
DRAWN	4-5-99
REVISED	
REVISED	
REVISED	

STD. 9-107

## ILLINOIS STANDARD W21-I116



COLOR      LEGEND AND BORDER      BLACK      NON-REFLECTORIZED  
 BACKGROUND      ORANGE      REFLECTORIZED

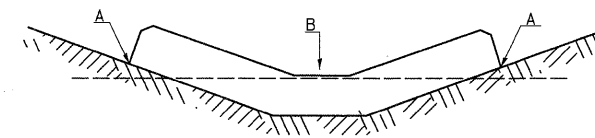
SIGN SIZE	DIMENSIONS															
	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	
60x48	60.00	48.00	3.00	48.80	42.60	5.10	31.50	50.00	28.90	15.80	6.90	15.20	16.80	12.00	10.00	

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
60x48	6D	6D	6D	6D	0.75	1.25

ALL DIMENSIONS IN INCHES.      SIGN NOT TO SCALE.

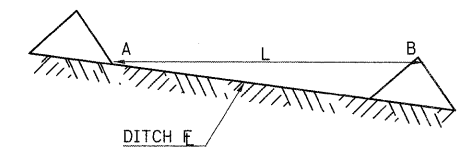
## TEMPORARY DITCH CHECKS

### PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

### SPACING BETWEEN TEMPORARY DITCH CHECKS

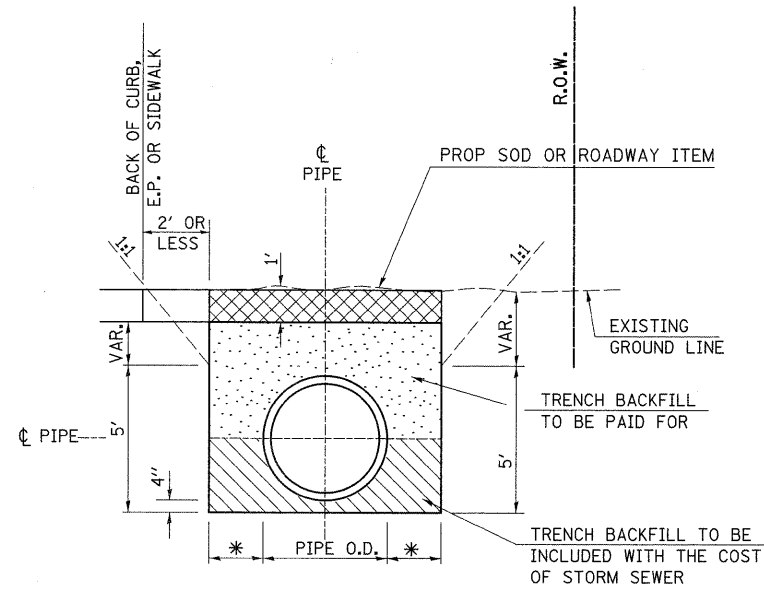


L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION  
 B = THE LOW POINT IN CENTER OF CHECK

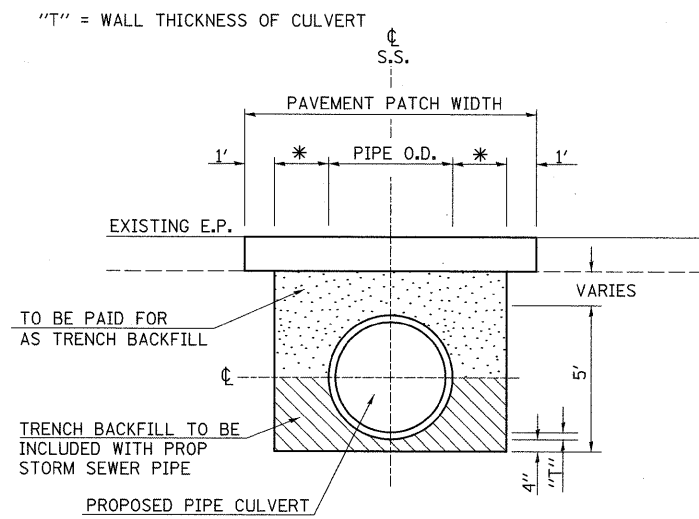
REVISIONS				
DRAWN	9-01-99			
REVISED	10-3-01			
RESIZED	5-8-08			
REVISED	05-04-10			

STD. 9-108

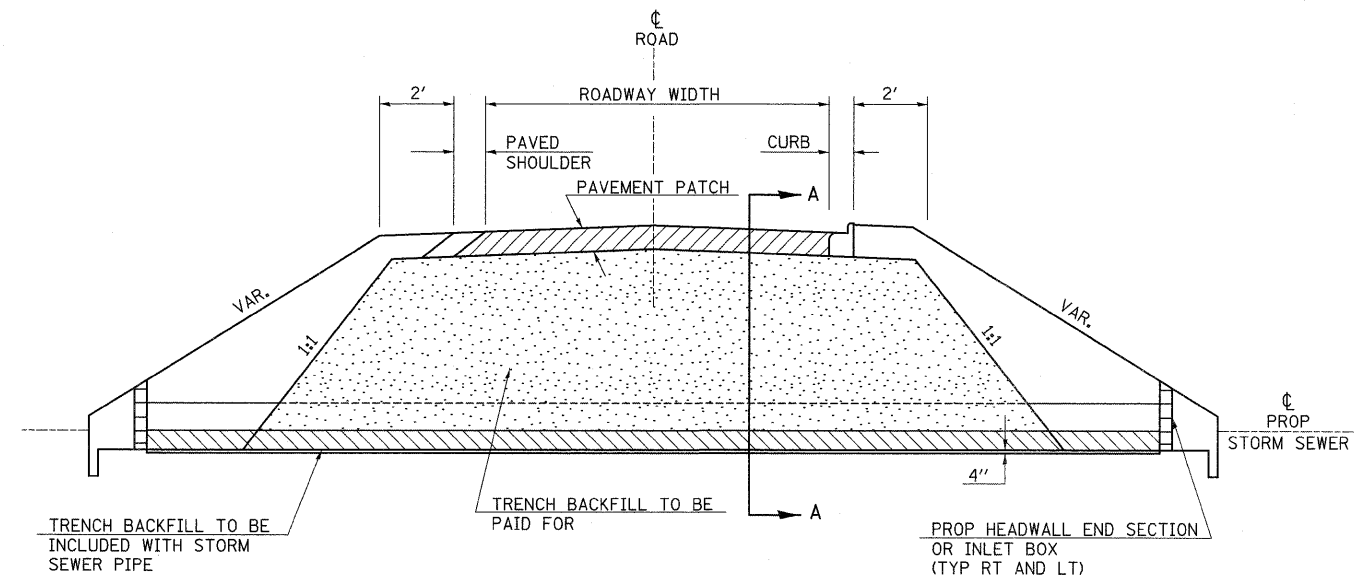
FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS: ILLINOIS STANDARD W21-I116; SIGN POST BLOCKOUT; TEMPORARY DITCH CHECKS</b>	F.A.P. RTE. 331	SECTION (X1-1)A-1,R-6,N-6,TS-5	COUNTY WILLIAMSON	TOTAL SHEETS 52	SHEET NO. 33
*FILEL#		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 78223		
PLOT SCALE = #SCALE*		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT		
PLOT DATE = #DATE*		DATE -	REVISED -							



**SECTION OF TRENCHES NEAR EDGE OF PAVEMENT**



**SECTION A-A: PROPOSED STORM SEWER CROSSES EXISTING ROAD  
TRENCH DEPTH GREATER THAN 5'  
SHORING REQUIRED**



**PROFILE SECTION THRU STORM SEWER ACROSS ROADWAY**

\* 9" + PIPE OD + 9" WHEN TRENCH DEPTH < 5'.  
18" + PIPE OD + 18" WHEN TRENCH DEPTH > 5'.

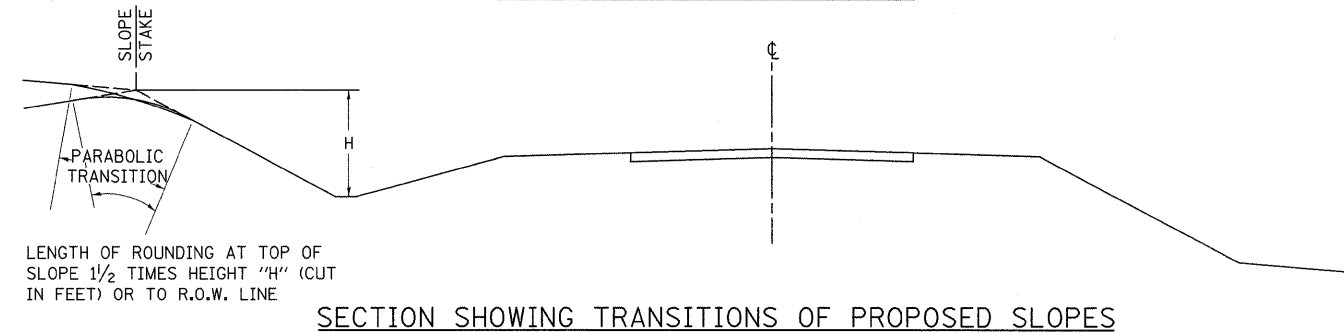
**NOTES:**

THE CONSTRUCTION REQUIREMENTS OF THE TRENCHES FOR STORM SEWER SHALL BE IN ACCORDANCE WITH ARTICLE 550.04 AND 550.07 OF THE STANDARD SPECIFICATIONS.

TRENCH BACKFILL WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 208.03 AND 208.04 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS: TRENCH BACKFILL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN -	REVISED -					331	(X1-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	34
	PLOT DATE = #DATE#	CHECKED -	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78223				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

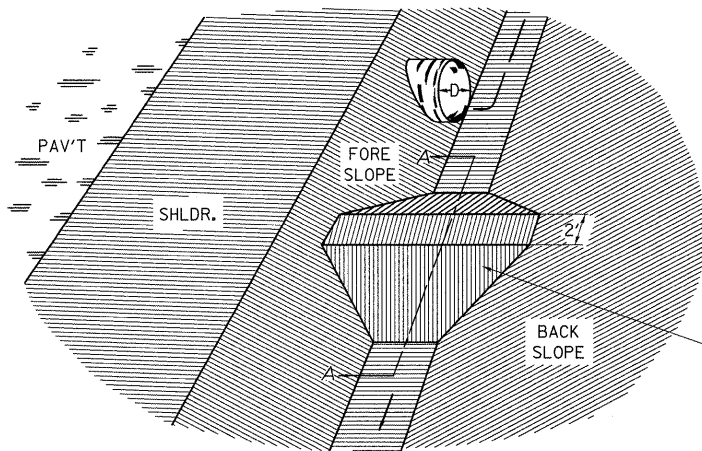
# TYPICAL SECTIONS OF TRANSITIONS OF SLOPES AND INCIDENTAL GRADING



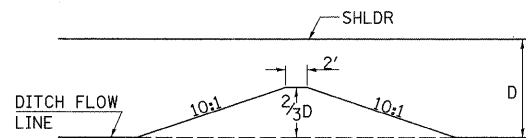
SECTION SHOWING TRANSITIONS OF PROPOSED SLOPES

**NOTE:**

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

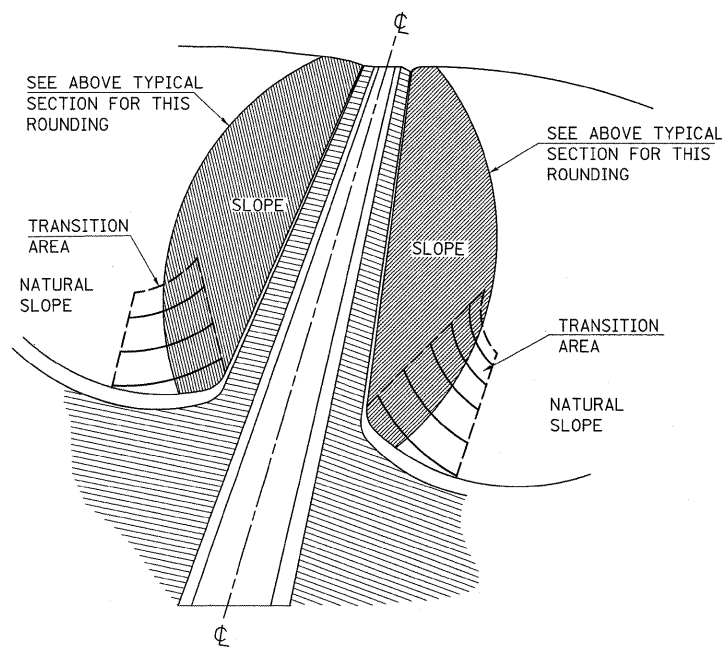


DITCH PLUG DETAIL



SECTION A-A

EARTH DITCH PLUG TO BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND TO BE CONSIDERED INCLUDED IN THE EARTH EXCAVATION.



DETAIL OF SLOPE TO NATURAL GROUND TRANSITION

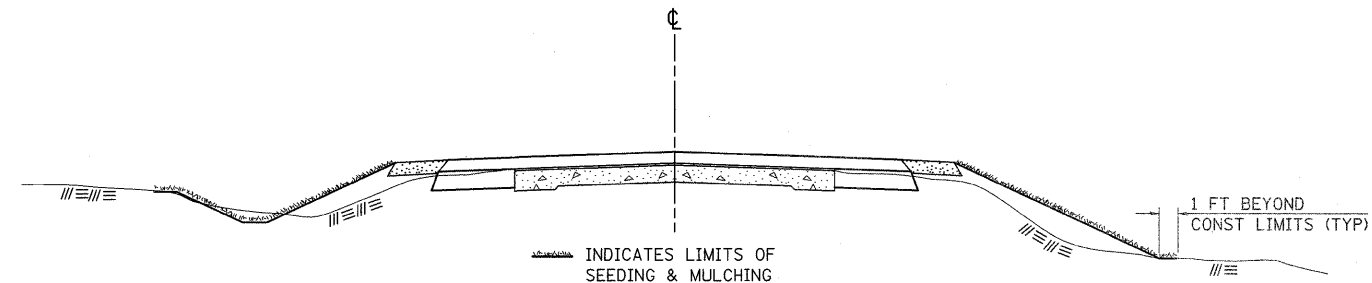
**TRANSITION GRADING**

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.

REVISIONS
REDRAWN 2-15-89
REVISED
REVISED
REVISED

STD. 9-17

# SEEDING & MULCHING



**GENERAL NOTES**

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

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

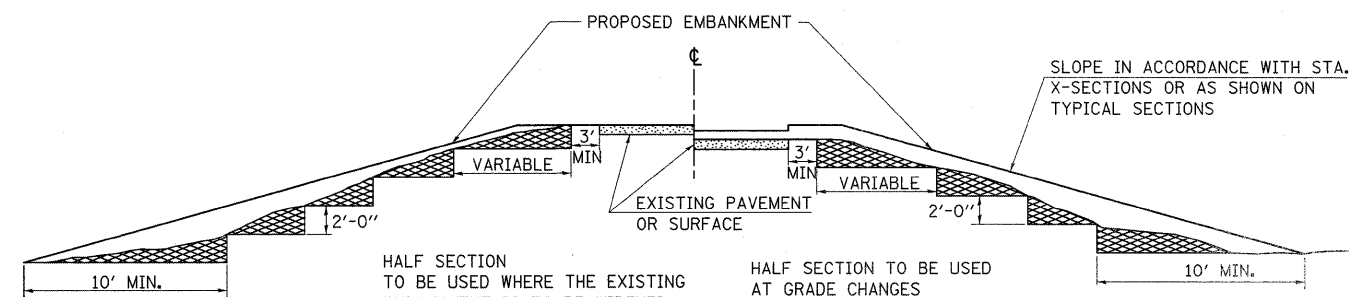
THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

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
REVISED

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.

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

STD. 9-16

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

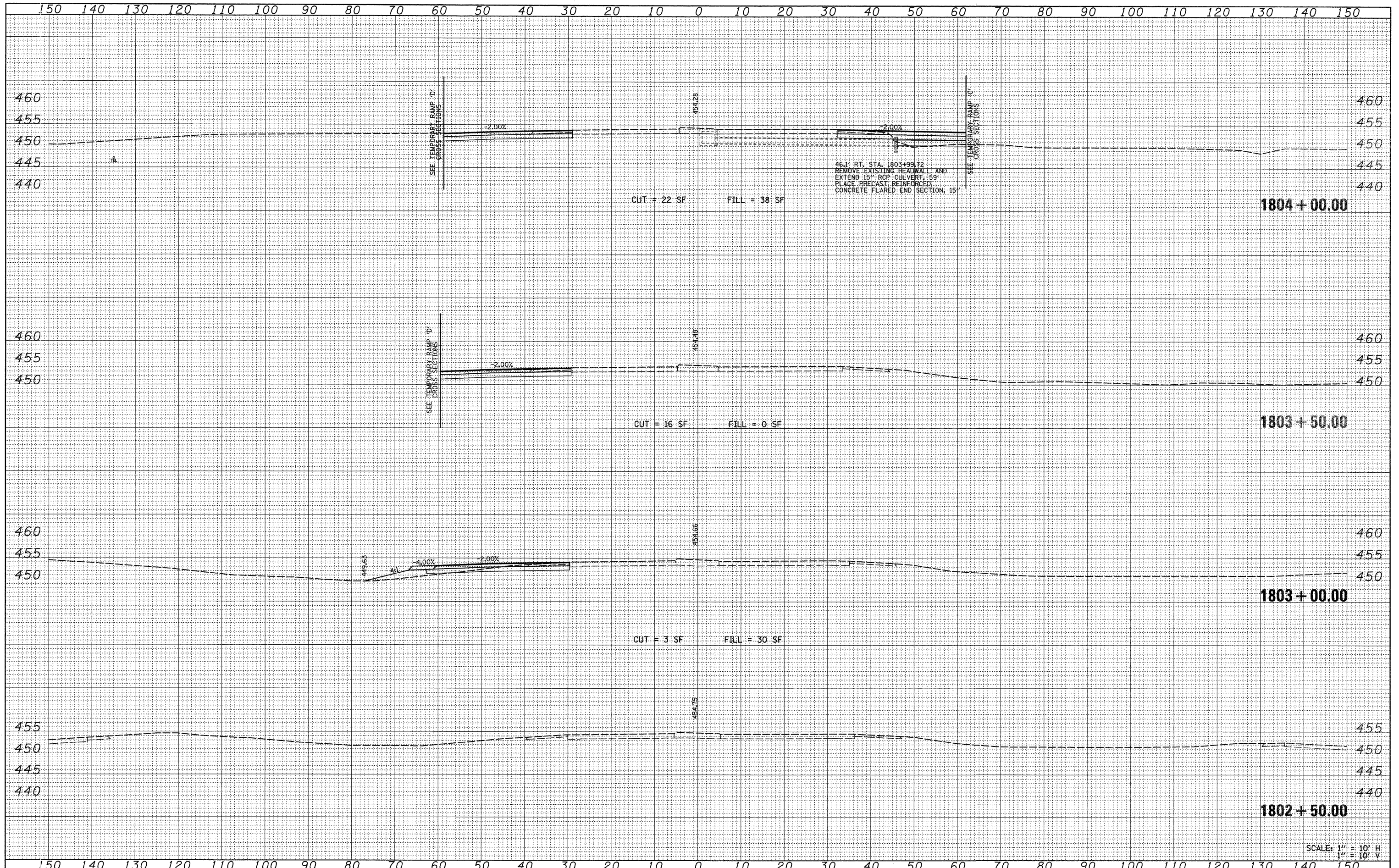
DETAILS: TRANSITIONS OF SLOPES AND INCIDENTAL GRADING;  
STEP CONSTRUCTION ON EXISTING FILL; SEEDING & MULCHING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(X1-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	35
CONTRACT NO. 78223				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLANNED	
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLANNED	
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

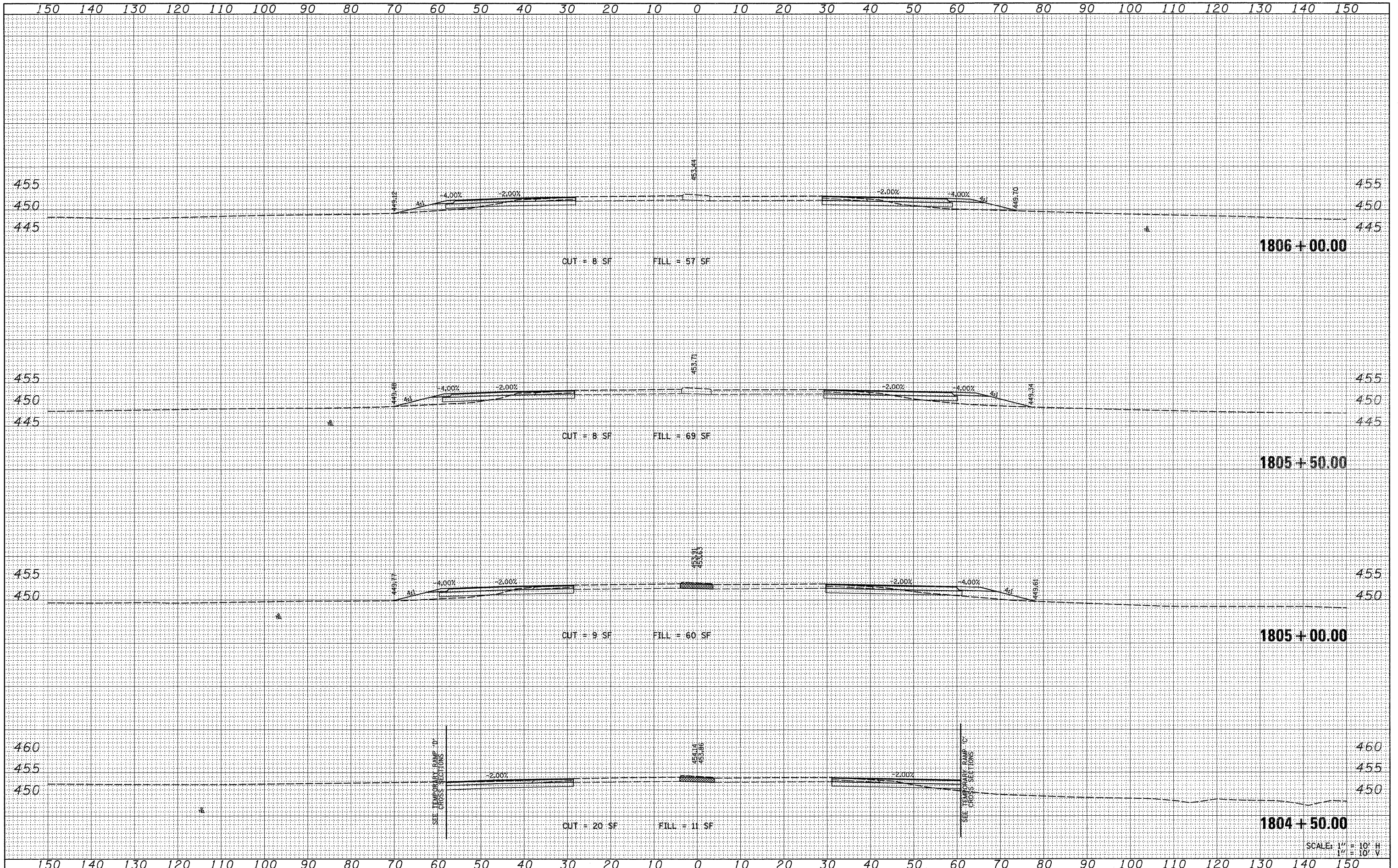


SCALE: 1" = 10' H  
1" = 10' V

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN -	REVISED -		<b>ILLINOIS ROUTE 13</b>		331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	36
		CHECKED -	REVISED -								
		DATE -	REVISED -								
						SCALE: 1" = 10'	SHEET NO. 1 OF 7 SHEETS	STA. 1802+50.00 TO STA. 1804+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
										CONTRACT NO. 78223	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE DATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE DATE	
AREAS CHECKED	
NO.	



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

FILE NAME =  
 \*FILE#\*

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

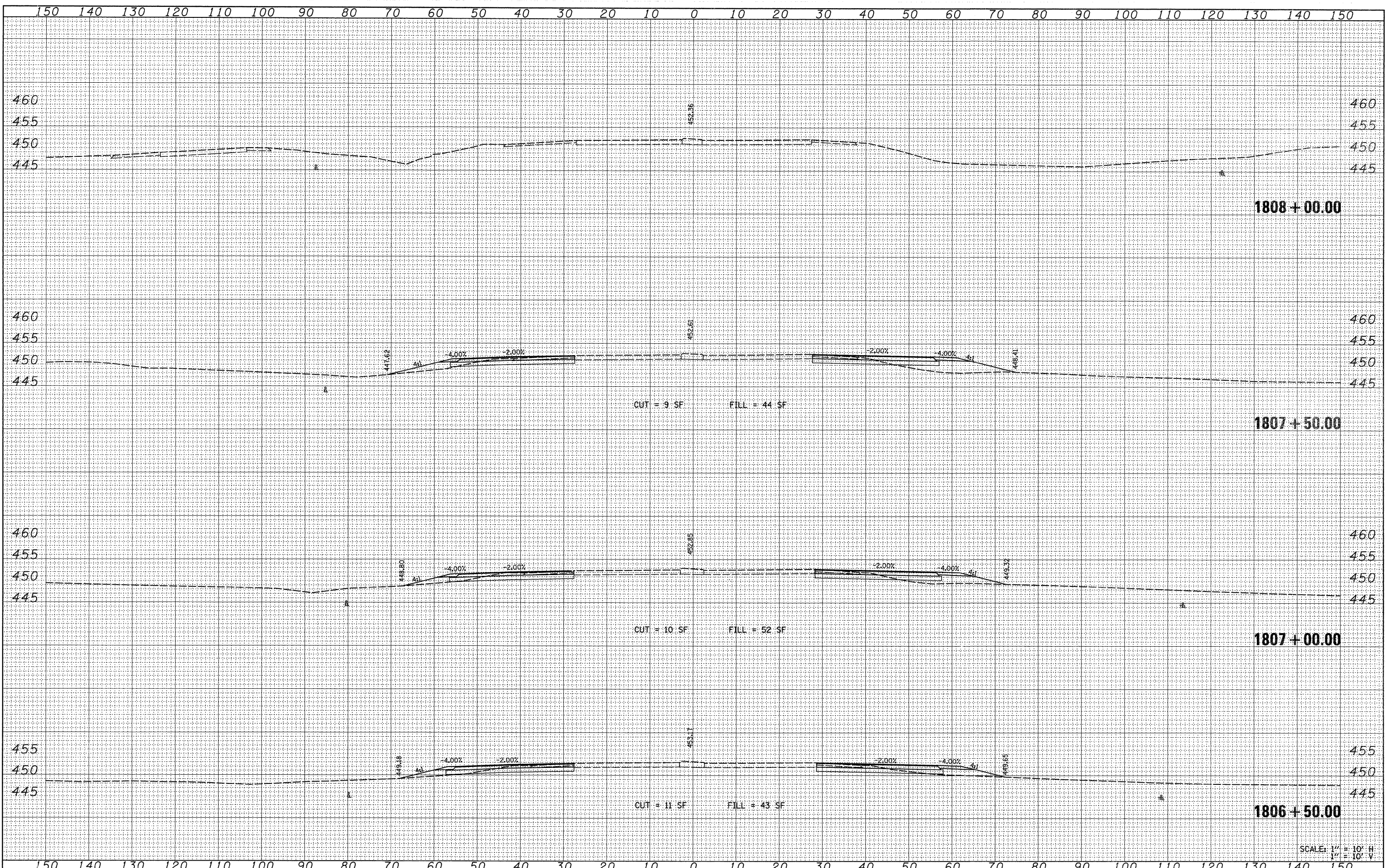
**CROSS SECTIONS  
 ILLINOIS ROUTE 13**

SCALE: 1" = 10'    SHEET NO. 2 OF 7 SHEETS    STA. 1804+50.00 TO STA. 1806+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	37
CONTRACT NO. 78223				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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



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

FILE NAME =  
#FILE#

USER NAME = #USER#  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISIONS  
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ILLINOIS ROUTE 13**

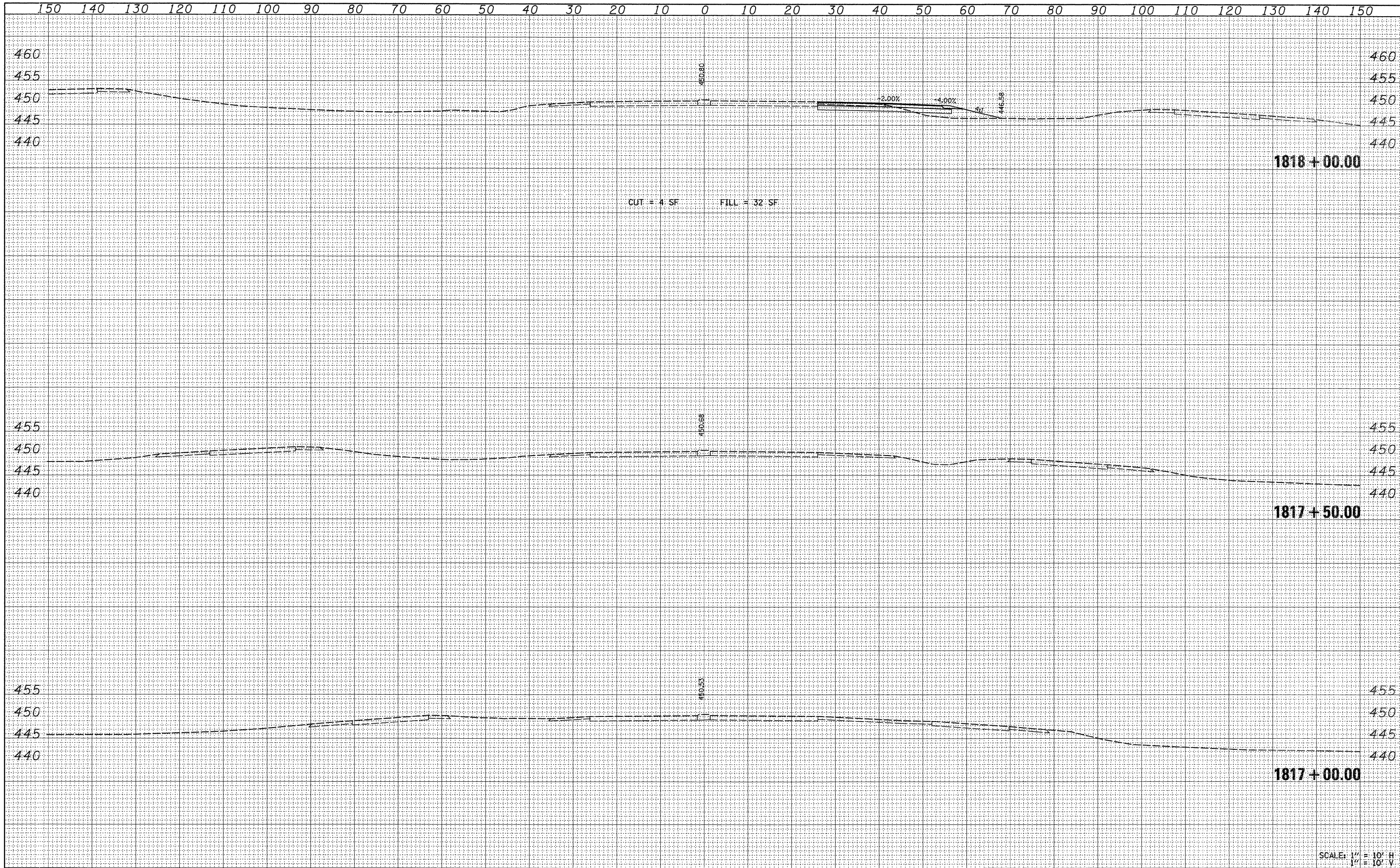
SCALE: 1" = 10'    SHEET NO. 3 OF 7 SHEETS    STA. 1806+50.00 TO STA. 1808+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	38
CONTRACT NO. 78223				

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

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

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

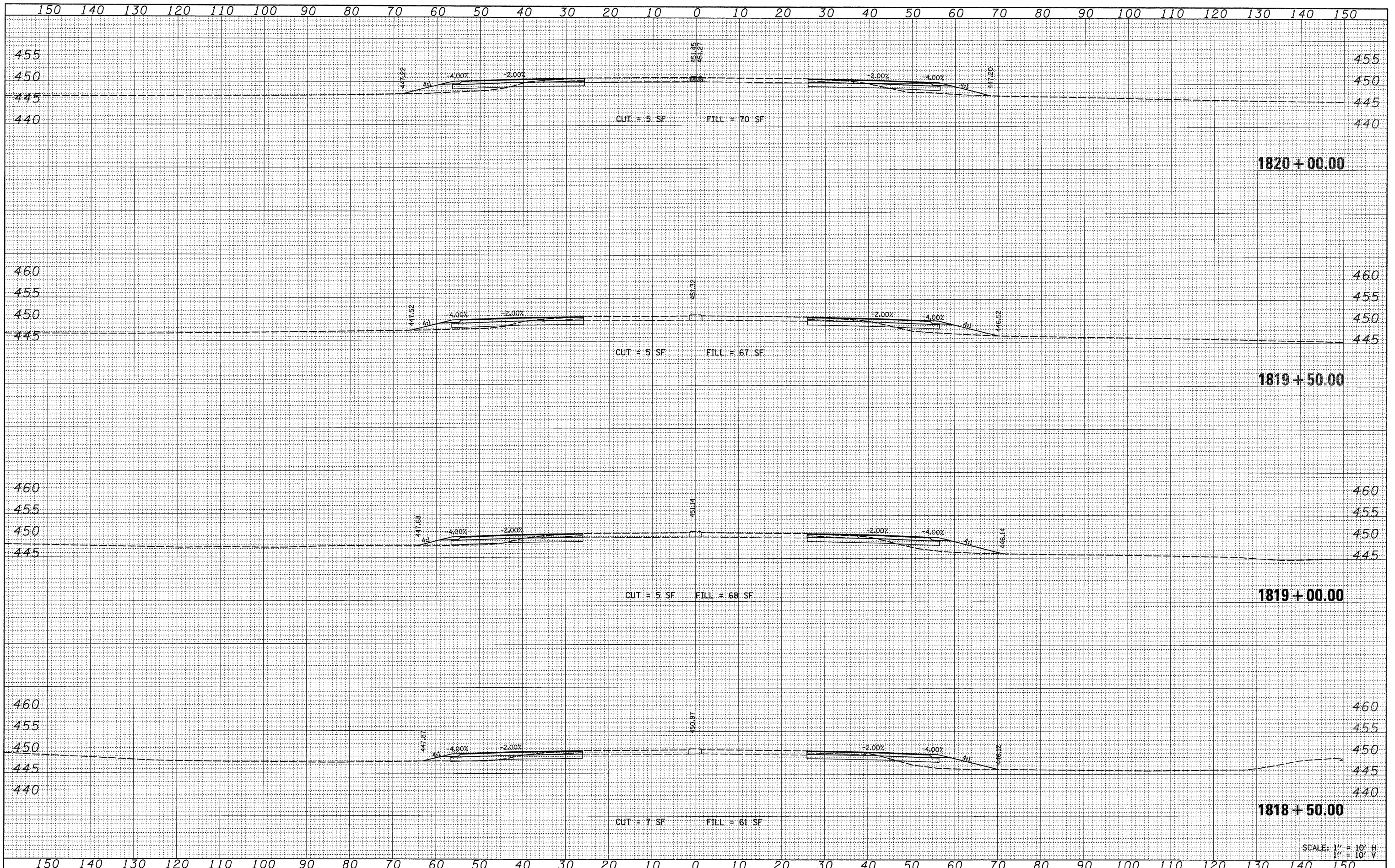


SCALE: 1" = 10' H  
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>ILLINOIS ROUTE 13</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL*		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 4 OF 7 SHEETS	STA. 1817+00.00 TO STA. 1818+00.00	331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	39
		CHECKED -	REVISED -									
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	



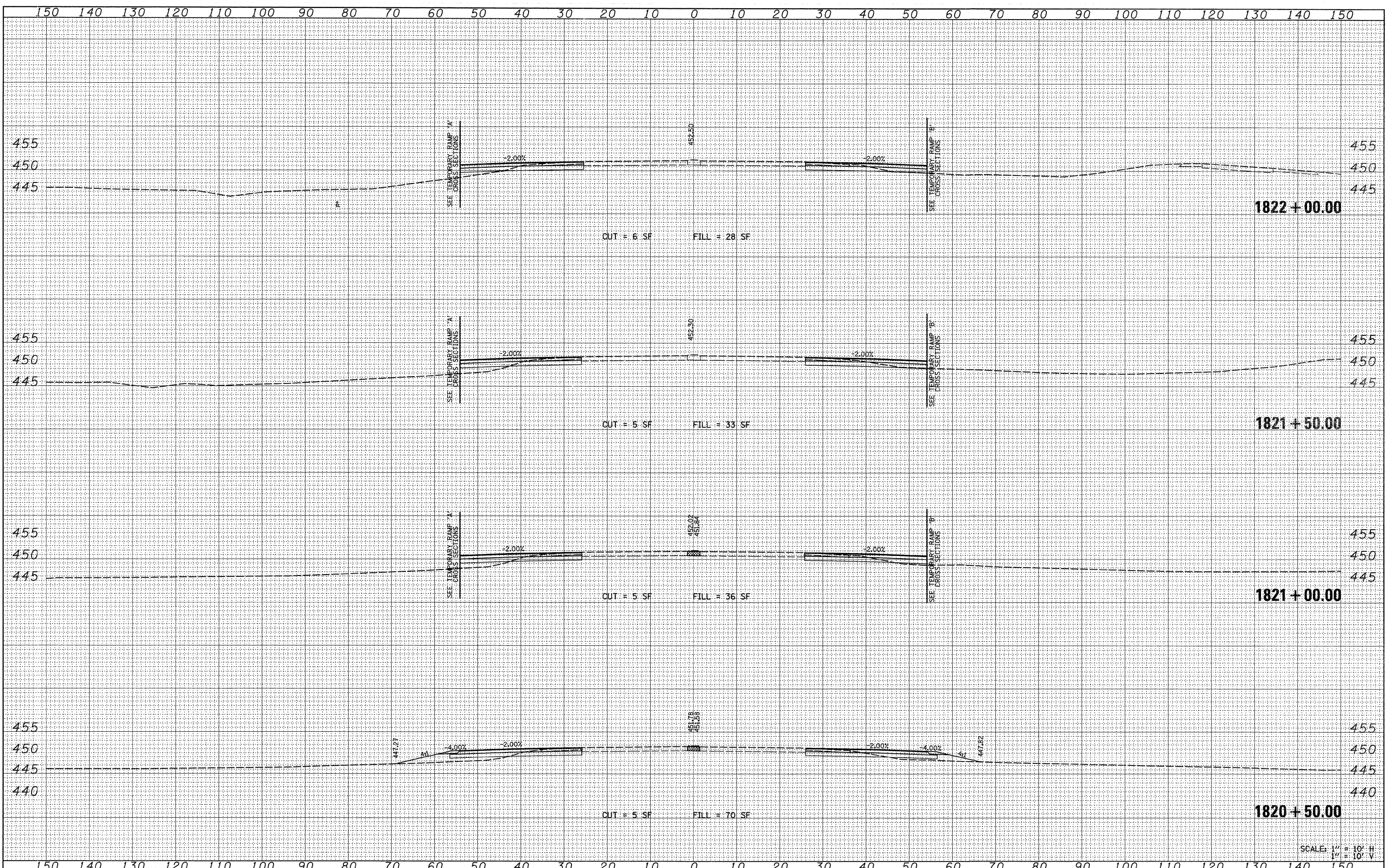
SCALE: 1" = 10' H  
 1" = 10' V

FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS ILLINOIS ROUTE 13</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN -	REVISED -		331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	40		
		CHECKED -	REVISED -		CONTRACT NO. 78223						
		DATE -	REVISED -		SCALE: 1" = 10'	SHEET NO. 5 OF 7 SHEETS	STA. 1818+50.00 TO STA. 1820+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

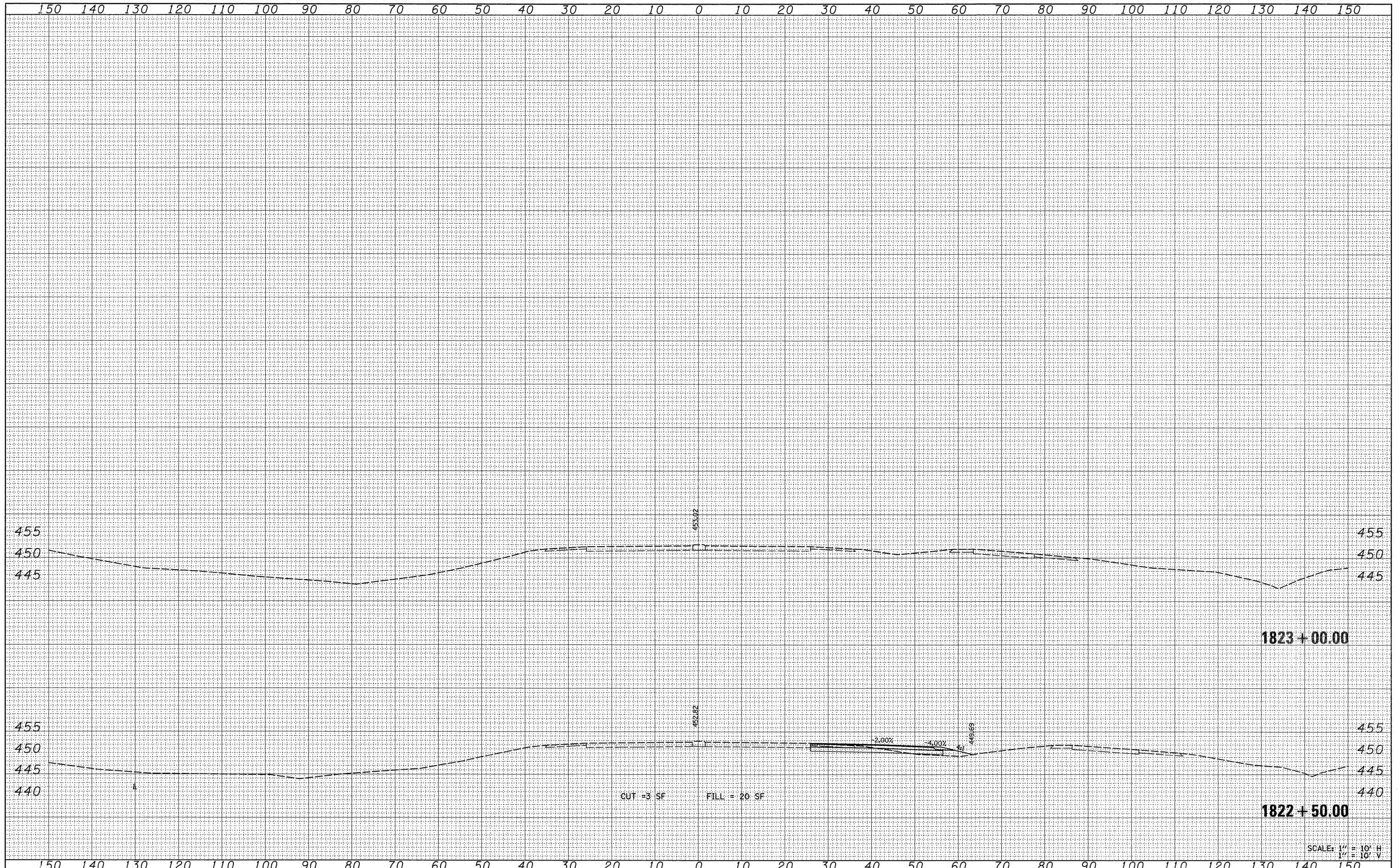


SCALE: 1" = 10' H  
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS ILLINOIS ROUTE 13</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	41		
		CHECKED -	REVISED -		CONTRACT NO. 78223						
		DATE -	REVISED -		SCALE: 1" = 10'		SHEET NO. 6 OF 7 SHEETS		STA. 1820+50.00 TO STA. 1822+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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

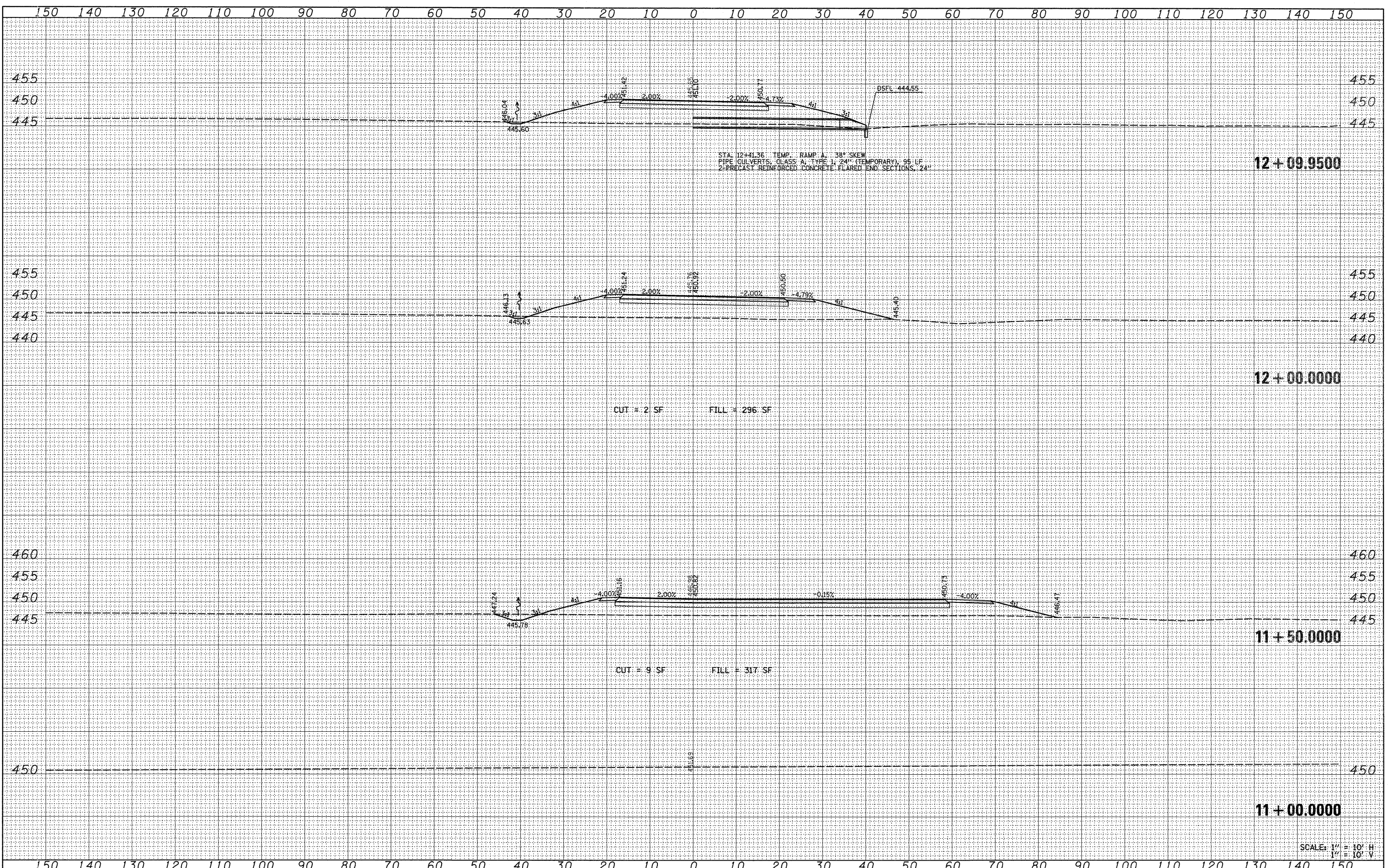
ORIGINAL SURVEY	DATE
SURVEYED BY	BY
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>ILLINOIS ROUTE 13</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL*		DRAWN -	REVISED -		331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	42			
		CHECKED -	REVISED -		SCALE: 1" = 10'		SHEET NO. 7 OF 7 SHEETS		STA. 1822+50.00 TO STA. 1823+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 78223
		DATE -	REVISED -									

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

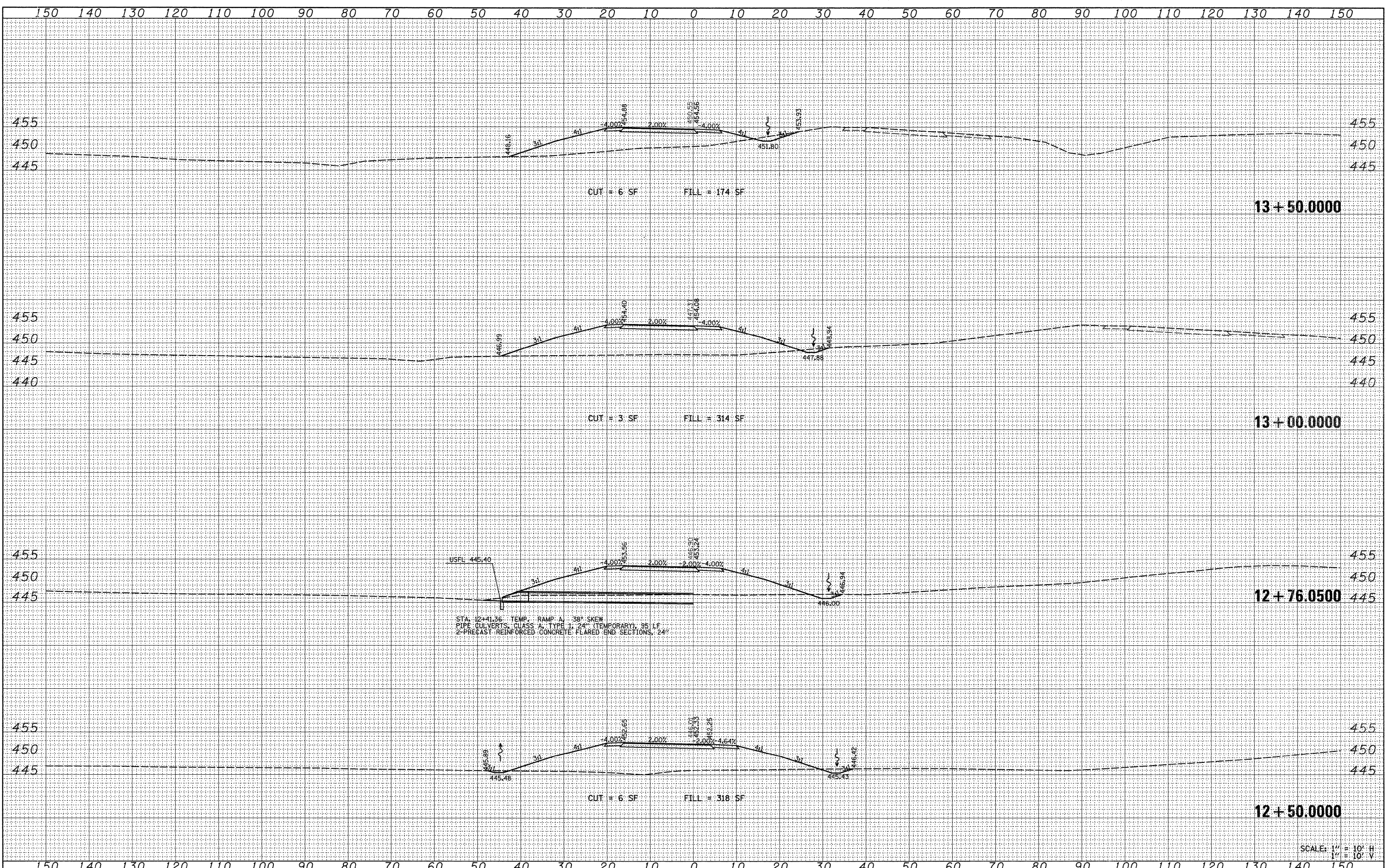
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>TEMPORARY RAMP A</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	43		
PLOT SCALE = *SCALE*		CHECKED -	REVISED -		SCALE: 1" = 10' 1" = 10' V.		CONTRACT NO. 78223				
PLOT DATE = *DATE*		DATE -	REVISED -		SHEET NO. 1 OF 3 SHEETS		STA. 11+00.0000 TO STA. 12+09.9500				
				SCALE: 1" = 10'		SHEET NO. 1 OF 3 SHEETS		STA. 11+00.0000 TO STA. 12+09.9500		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLANNED	
REVISIONS	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLANNED	
REVISIONS	
NOTE BOOK	
AREAS CHECKED	
NO.	

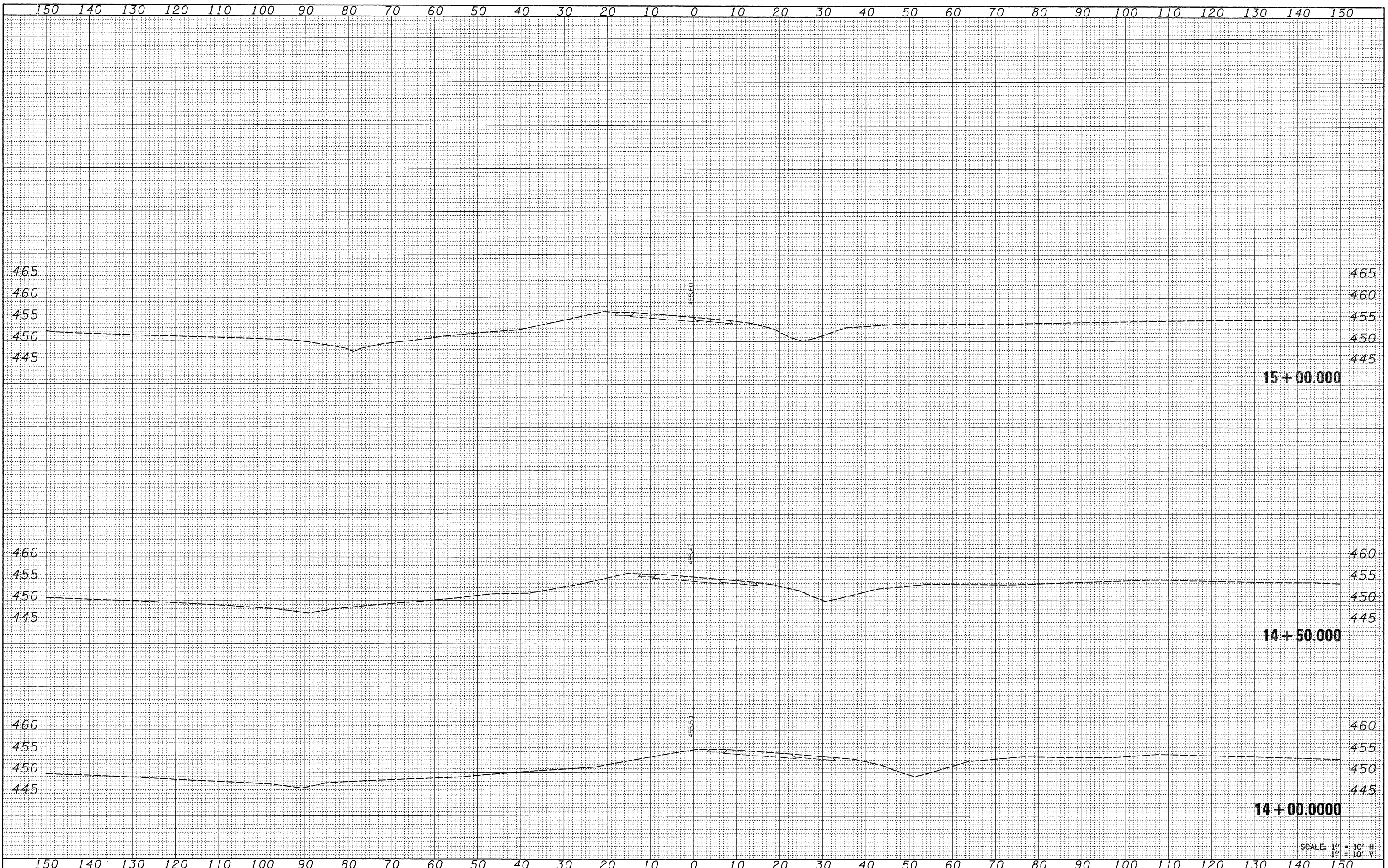


SCALE: 1" = 10' H  
1" = 10' V

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS TEMPORARY RAMP A</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	44		
		CHECKED -	REVISED -		CONTRACT NO. 78223						
		DATE -	REVISED -		SCALE: 1" = 10'		SHEET NO. 2 OF 3 SHEETS		STA. 12+50.0000 TO STA. 13+50.0000		FED. ROAD DIST. NO. 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.	



FILE NAME = \*FILEL\*

USER NAME = \*USER\*

PLOT SCALE = \*SCALE\*

PLOT DATE = \*DATE\*

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
TEMPORARY RAMP A**

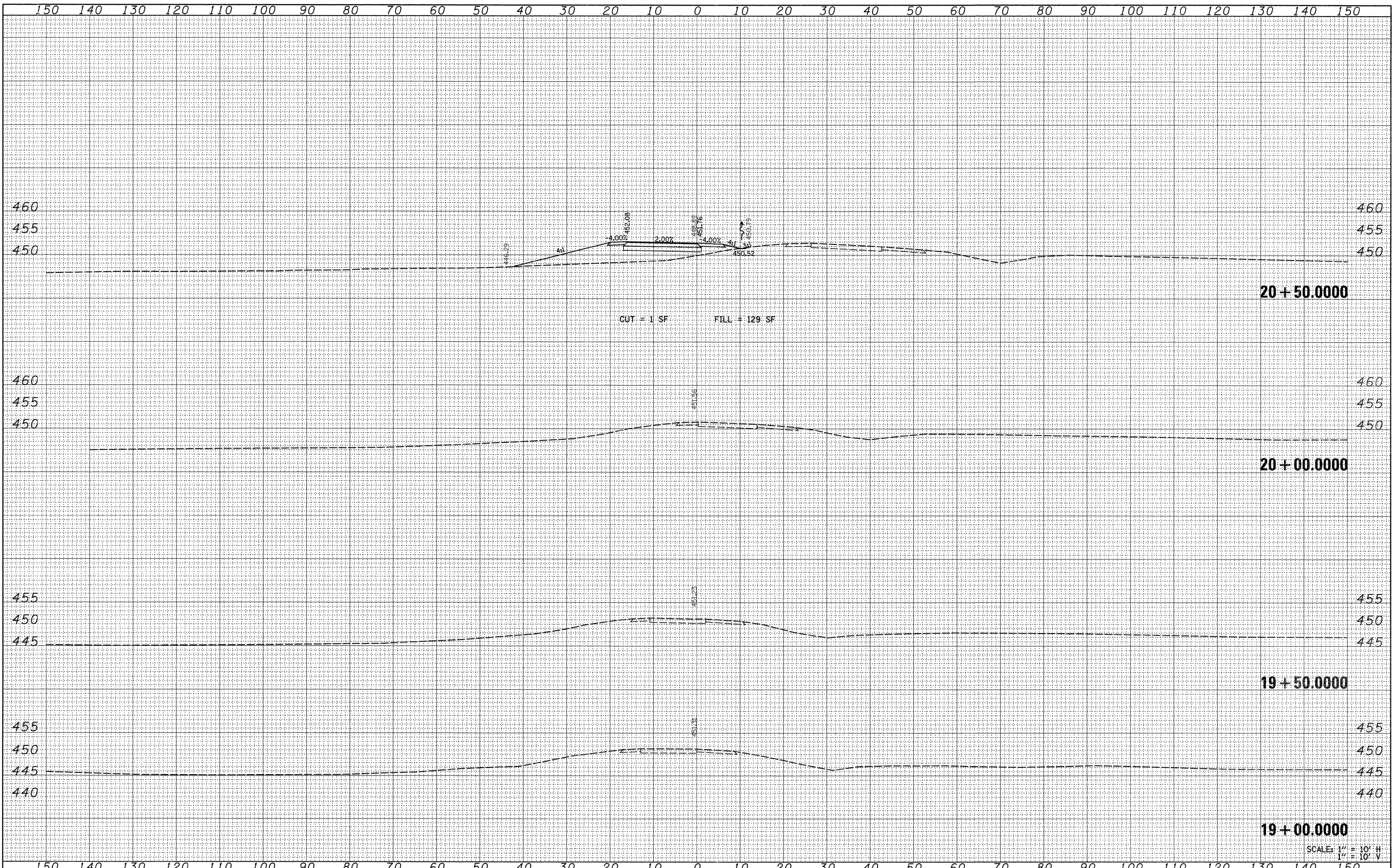
SCALE: 1" = 10'  
SHEET NO. 3 OF 3 SHEETS  
STA. 14+00.0000 TO STA. 15+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	45
CONTRACT NO. 78223				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLANNED \_\_\_\_\_  
 DESIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 REVISIONS \_\_\_\_\_  
 NO. \_\_\_\_\_

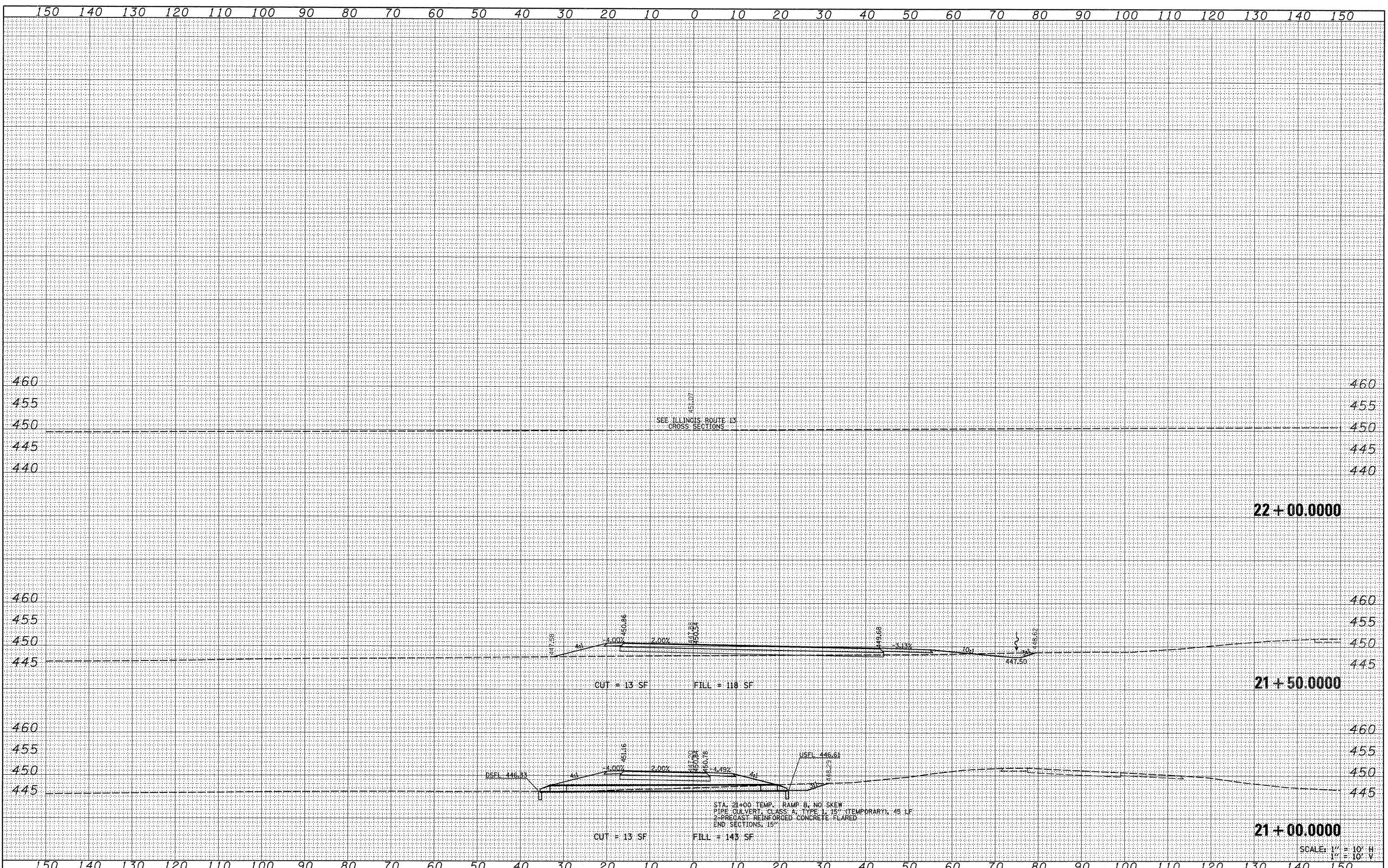
BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLANNED \_\_\_\_\_  
 DESIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 REVISIONS \_\_\_\_\_  
 NO. \_\_\_\_\_



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>TEMPORARY RAMP B</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 1 OF 2 SHEETS	STA. 19+00.0000 TO STA. 20+50.0000	331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	46
		CHECKED -	REVISED -									
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 78223

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

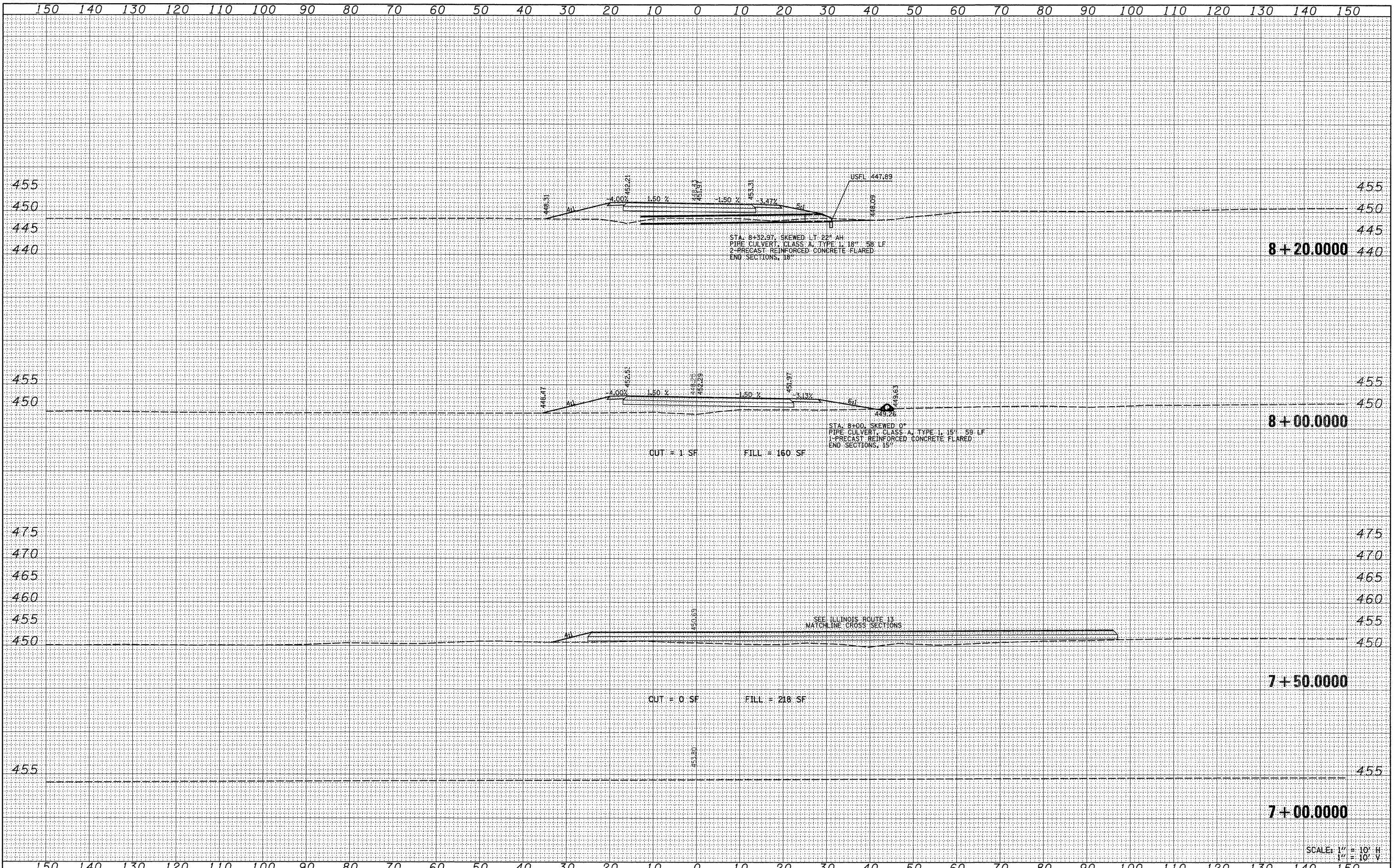
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLANNED		
NOTE BOOK		
AREAS CHECKED		
NO.		



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		<b>TEMPORARY RAMP B</b>		331	(IX-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	47
PLOT SCALE = *SCALE*		CHECKED -	REVISED -		SCALE: 1" = 10'	SHEET NO. 2 OF 2 SHEETS	STA. 21+00.0000 TO STA. 22+00.0000	CONTRACT NO. 78223			
PLOT DATE = *DATE*		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLAN \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLAN \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



**8+20.000**

**8+00.000**

**7+50.000**

**7+00.000**

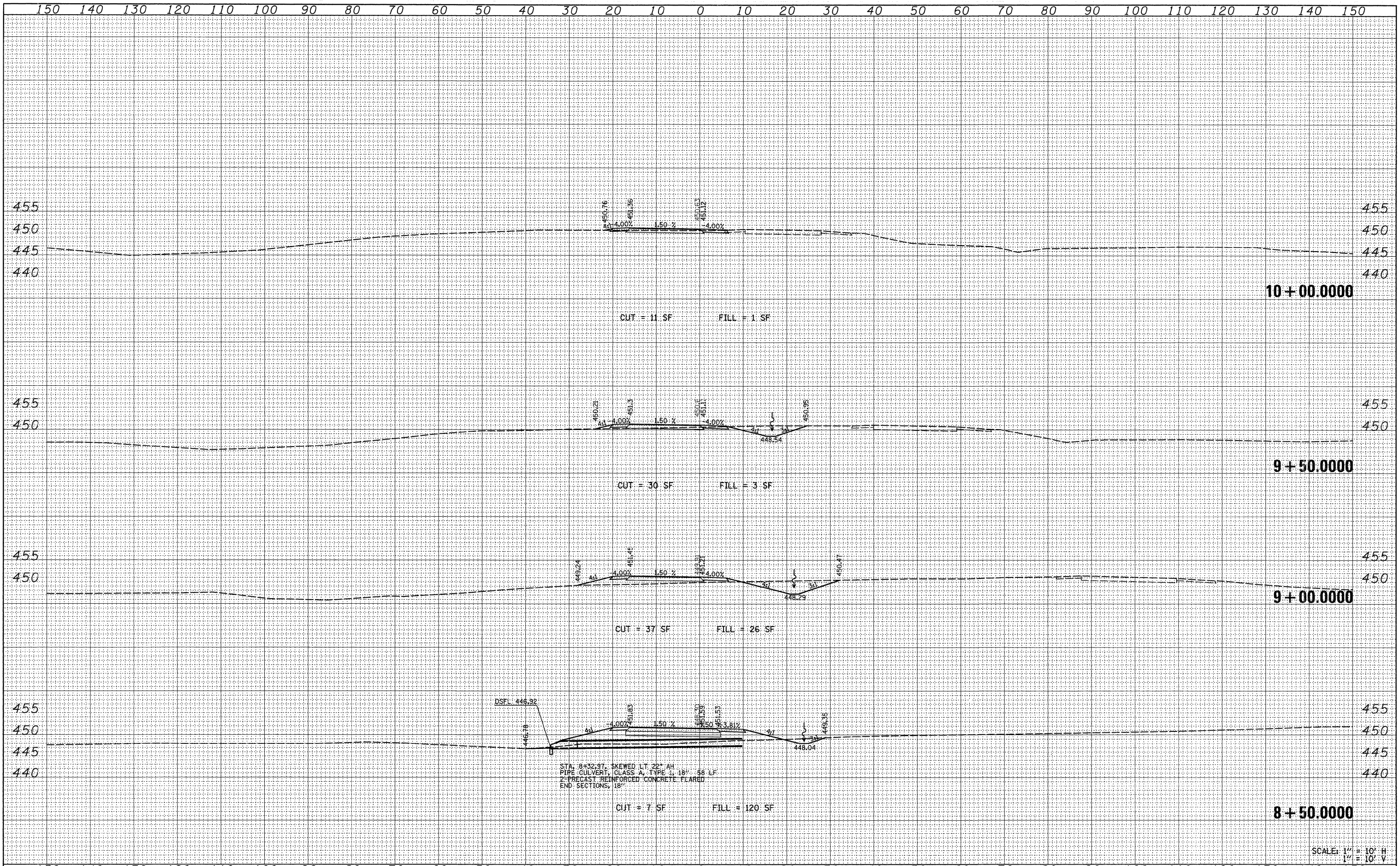
SCALE: 1" = 10' H  
 1" = 10' V

FILE NAME =	USER NAME = \$USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS TEMPORARY RAMP C</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		331	(1X-1A-1,R-6,N-6,TS-5	WILLIAMSON	52	48			
PLOT SCALE = \$SCALE*		CHECKED -	REVISED -		CONTRACT NO. 78223							
PLOT DATE = \$DATE*		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



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

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



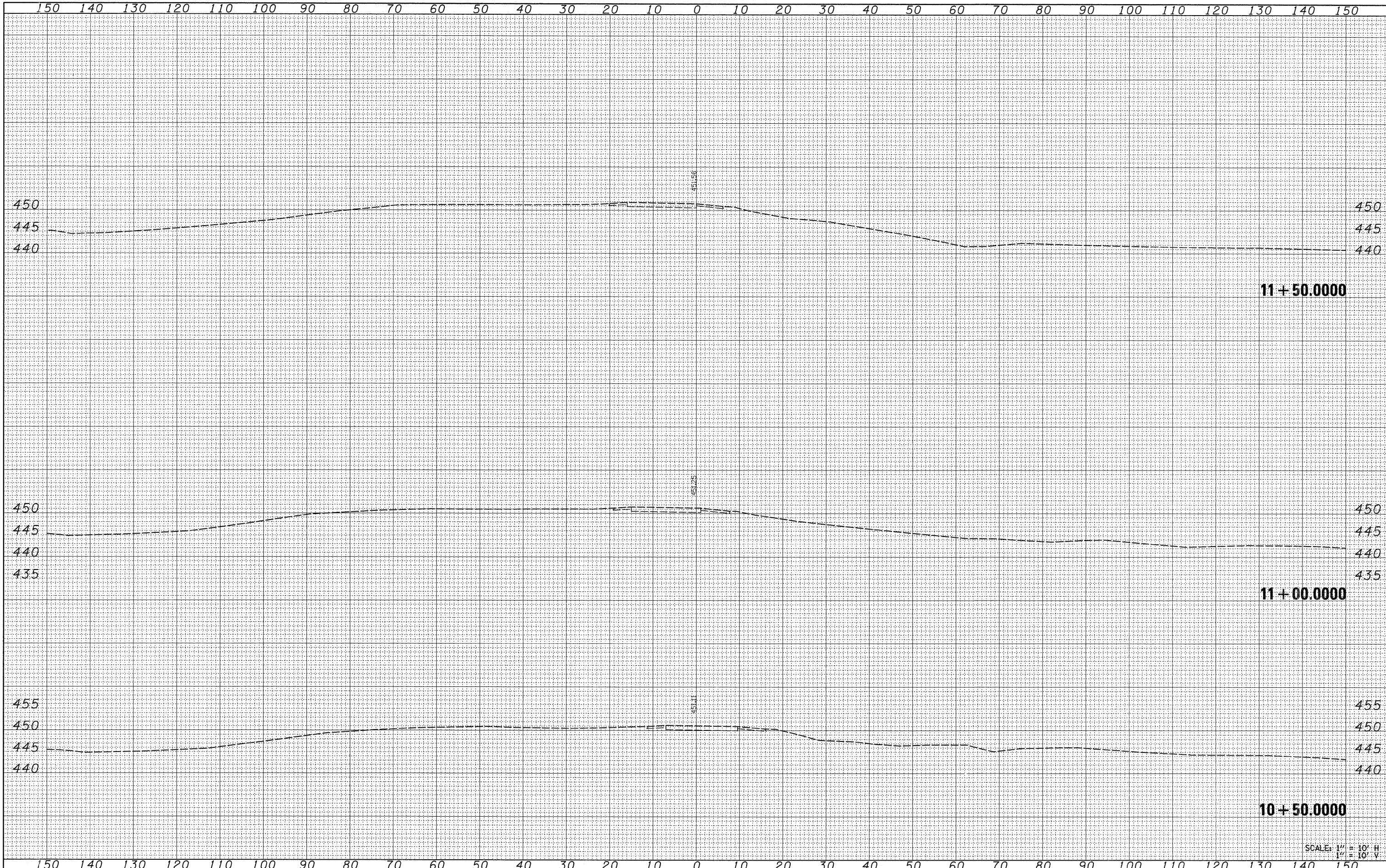
STA. 8+32.97, SKEWED LT. 22° AH  
 PIPE CULVERT, CLASS A, TYPE 1, 18" - 56 LF  
 2- PRECAST REINFORCED CONCRETE FLARED  
 END SECTIONS, 18"

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

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS TEMPORARY RAMP C</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#*		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 2 OF 3 SHEETS	STA. 8+50.000 TO STA. 10+00.000	331	(IX-11A-1,R-6,N-6,TS-5	WILLIAMSON	52	49	
		CHECKED -	REVISED -					CONTRACT NO. 78223					
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

DATE	
BY	
SURVEYED	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

DATE	
BY	
SURVEYED	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	



FILE NAME =  
 \$FILEL\$

USER NAME = \$USER\$  
 PLOT SCALE = \$SCALE\$  
 PLOT DATE = \$DATE\$

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 TEMPORARY RAMP C**

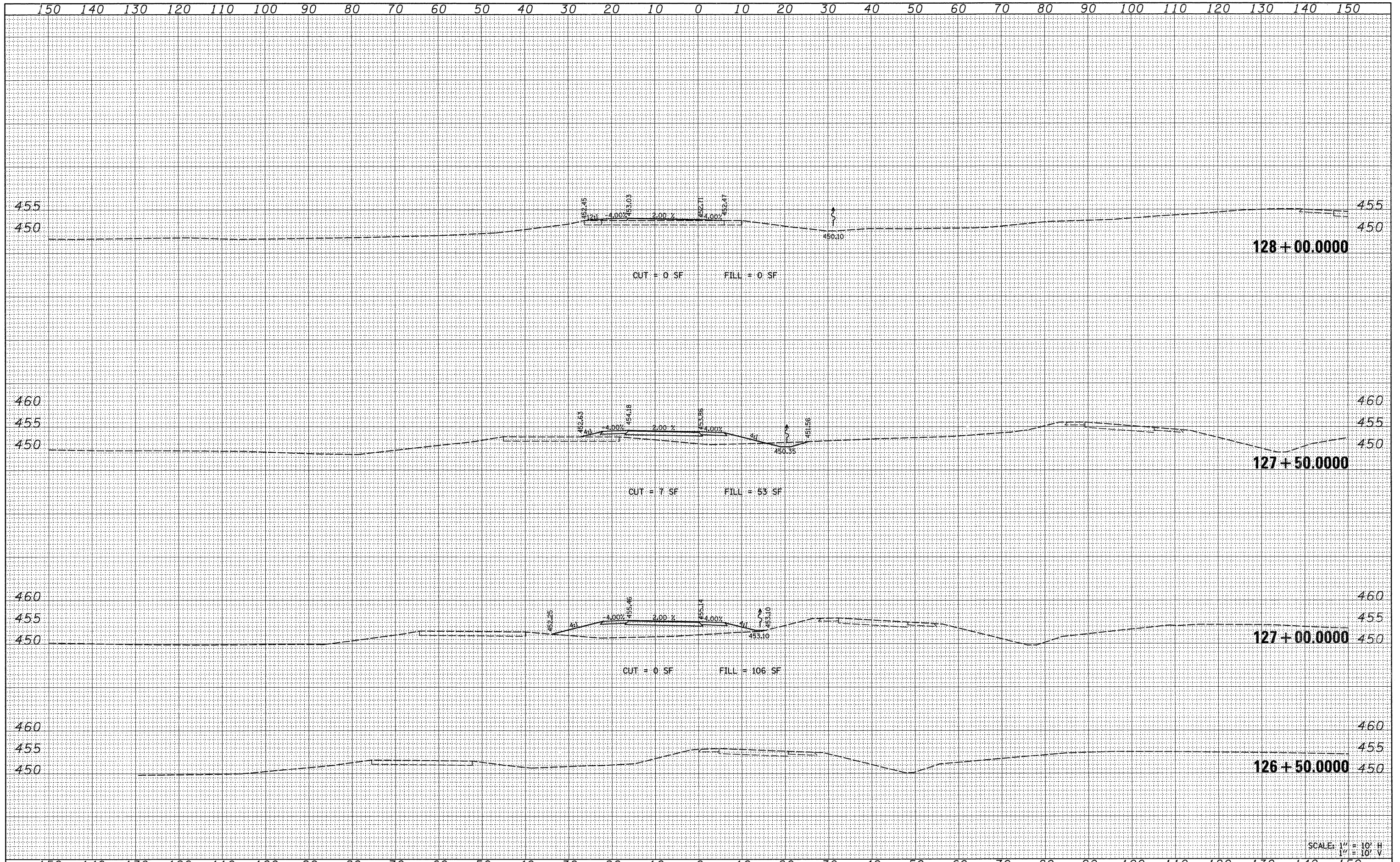
SCALE: 1" = 10'  
 SHEET NO. 3 OF 3 SHEETS  
 STA. 10+50.0000 TO STA. 11+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)A-1,R-6,N-6,TS-5	WILLIAMSON	52	50
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

BY	DATE
SURVEYED	
PLANNED	
TEMP. DATE	
AREAS	
CHECKED	
NO.	

BY	DATE
SURVEYED	
PLANNED	
TEMP. DATE	
AREAS	
CHECKED	
NO.	



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

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS TEMPORARY RAMP D</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL*		DRAWN -	REVISED -		331	(1X-11A-1,R-6,N-6,TS-5	WILLIAMSON	52	51			
		CHECKED -	REVISED -		SCALE: 1" = 10'		SHEET NO. 1 OF 2 SHEETS		STA. 126+50.0000 TO STA. 128+00.0000		CONTRACT NO. 78223	
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

FINAL SURVEY	DATE
SURVEYED	BY
FIELD	
TEMP. DATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
FIELD	
TEMP. DATE	
AREAS CHECKED	
NO.	

