

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3, 109, 109-1, 110) N-1	WHITE	98	1
		ILLINOIS	CONTRACT NO. 78A38	

FAP 332/FAP 328/FAP 782

D-99-017-24



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA
4,400 ADT (2023) WITH 13.4% TRUCKS

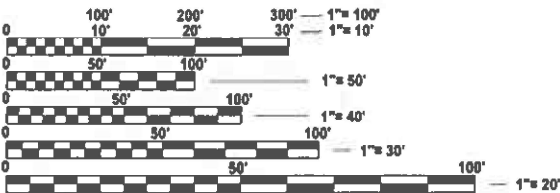
TOWNSHIPS
NORRIS CITY

**PROPOSED
HIGHWAY PLANS**

FAP 332,328,782 ROUTE US 45/IL 1
SECTION (28-3, 109, 109-1, 110) N-1
PROJECT STP-J2PC(515)
INTERSECTION RECONSTRUCTION
WHITE COUNTY

C-99-045-24

DESIGN DESIGNATION : 495(24) OTHER PRINCIPAL ARTERIAL/
MINOR ARTERIAL 4.47(PCC-20)
COORDINATE SYSTEM : ESPG: 102671 NAD 1983 STATE PLANE
ILLINOIS EAST FIPS 1201
POSTED SPEED : 40, 55 MPH

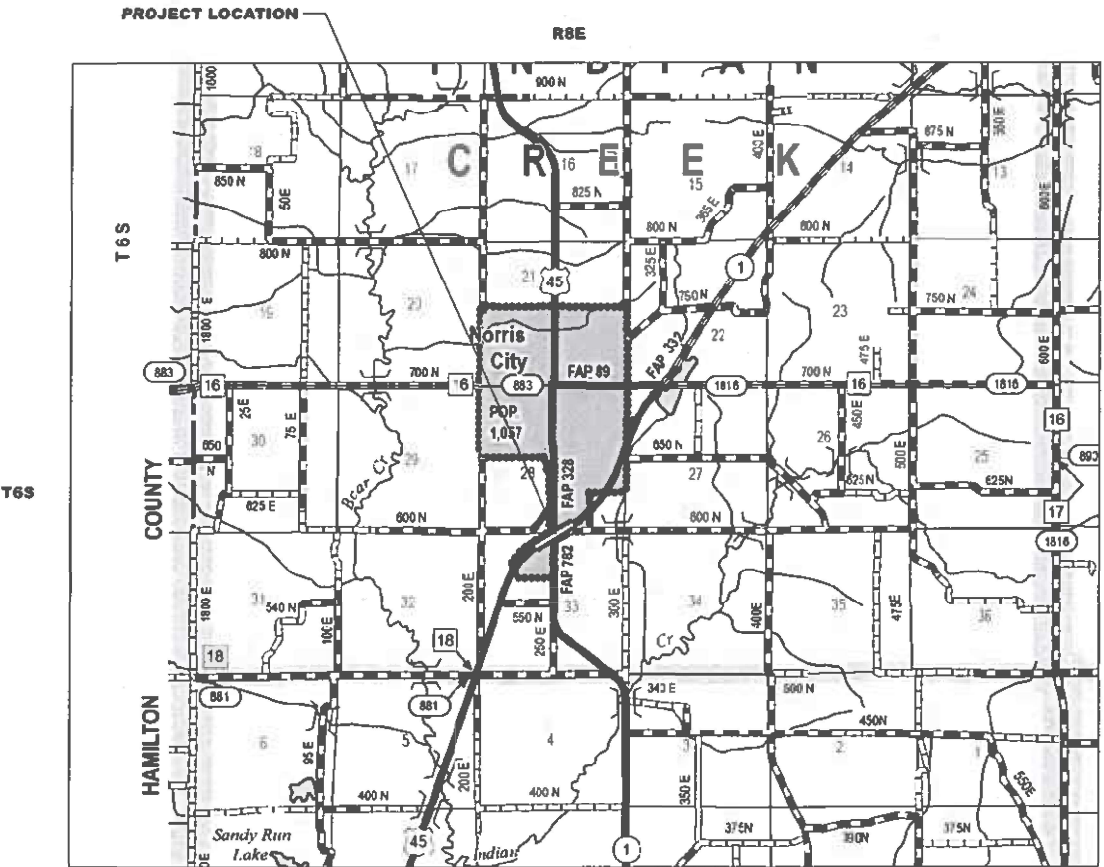


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SEAN GREENLEE
PROJECT DESIGNER: TRISTEN REID

CONTRACT NO. 78A38



GROSS LENGTH = 425 FT. = 0.08 MILE
NET LENGTH = 425 FT. = 0.08 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED Dec 9, 2024
Kirk H. Brown REGIONAL ENGINEER
January 31, 2025
Sean Greenlee ENGINEER OF DESIGN AND ENVIRONMENT
January 31, 2025
Tristen Reid DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: Signature [Sheet]
FILE NAME: c:\paw\work\illinois\env\intern\msh\illinois\paw\40962689D978A38-Struc-Cover-11a.dgn

USER NAME	* tristen.reid	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	* 12/2/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

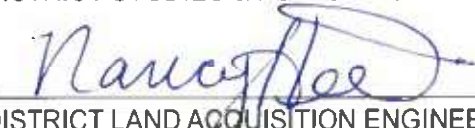
SIGNATURE SHEET

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1.110)N-1	WHITE	98	2
CONTRACT NO. 78A38				
ILLINOIS F&E AID PROJECT				

FAP 332/FAP 328/FAP 782

Prepared By: 
DISTRICT STUDIES & PLANS ENGINEER

Examined By: 
DISTRICT LAND ACQUISITION ENGINEER

Examined By: 
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: 
DISTRICT OPERATIONS ENGINEER

Examined By: 
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: 
DISTRICT CONSTRUCTION ENGINEER

Examined By: 
DISTRICT MATERIALS ENGINEER

GENERAL NOTES

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

ALL AGGREGATE 2.05 TONS/CU. YD.

EARTH 110 LBS/CU. FT.

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.

RAMP THE 1 AND 2 NOSES OF CURBED CORNER ISLANDS UNLESS THE CURB FUNCTION IS FOR THE PROTECTION OF PEDESTRIANS, SIGNALS, LIGHT STANDARDS, OR SIGN TRUSS SUPPORTS. SEE STANDARD 606301 FOR DETAILS OF RAMPING NOSES.

ALL GUTTER OUTLETS SHALL EXTEND INTO DITCH FLOWLINE

COMMITMENTS: NONE

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES, INDEX OF SHEETS, STANDARDS
4	HMA MIXTURE REQ. TABLE, STRUCTURAL DESIGN TRAFFIC TABLE
5-10	SUMMARY OF QUANTITIES
11-18	SCHEDULES
19-21	TYPICALS
22	TIE POINTS
23	GEOPAK ELEMENT IDENTIFICATION
24-25	PLAN/PROFILE
26	REMOVAL
27	CONSTRUCTION
28-31	STAGING
32	DETOUR
33	STAGING DETAILS: SIGNS, MESSAGE BOARD INFO
34-35	GEOMETRICS SHEETS
36	ISLAND/MEDIAN LAYOUT SHEETS
37-39	JOINTING PLAN SHEETS
40	PAVEMENT MARKING PLAN
41	DETAILS: CAUTION ONE LANE ROAD AHEAD DETAILS: SEEDING AND MULCHING, SOLAR POWERED STOP SIGN
42-98	CROSS SECTIONS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-10 PAVEMENT JOINTS
- 420101-07 24 FT JOINTED PCC PAVEMENT
- 420106-07 36 FT JOINTED PCC PAVEMENT
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 424031-03 MEDIAN PEDESTRIAN CROSSINGS
- 483001-06 PCC SHOULDER
- 606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 606201-04 TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
- 606301-04 PC CONCRETE ISLANDS & MEDIANS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
- 701006-05 OFF-ROADOPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH OR MORE
- 701206-05 LANE CLOSURE, 2L, 2W, NIGHT ONLY FOR SPEEDS 45 MPH OR MORE
- 701316-14 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS 45 MPH OR MORE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-10 TRAFFIC CONTROL DEVICES
- 720001-10 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- BLR22-07 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HWYS (2L, 2W RURAL TRAFFIC, ROAD CLOSED TO THRU TRAFFIC)

REV - MS

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		DRAWN -	REVISED -				*	(28-3,109,109-1.110)N-1	WHITE	98	3
		CHECKED -	REVISED -				CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Location(s):	Stablized Subbase 4"
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyratation Design
Mixture Composition:	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/In
Quality Management Program:	QC/QA
Sublot Size:	3000 ton
Material Transfer Device (Required?)	No

STRUCTURAL DESIGN TRAFFIC:Year2035

PV = 4295SU = 240MU = 425

ROAD/STREET CLASSIFICATION:ClassCLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 50%S = 50%M = 50%

TRAFFIC FACTOR:Actual TF = 2.375AC Type =

Minimum TF = 3.950

PG GRADE:Stabilized Sub-base = PG64-22

SUBGRADE SUPPORT RATING:

SSR = (Sta. to)

SSR = (Sta. to)

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		DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	4
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WHITE CO
				ROUTE:	FAP 332,328,782
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
					ROADWAY
					0005
20200100	EARTH EXCAVATION	CU YD	2,890		2,890
25000115	SEEDING, CLASS 1B	ACRE	0.11		0.11
25000350	SEEDING, CLASS 7	ACRE	0.11		0.11
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11		11
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11		11
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11		11
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.22		0.22
25100115	MULCH, METHOD 2	ACRE	0.11		0.11
25100630	EROSION CONTROL BLANKET	SQ YD	433		433
28000400	PERIMETER EROSION BARRIER	FOOT	200		200
28100107	STONE RIPRAP, CLASS A4	SQ YD	7		7
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	6,553		6,553
31200100	STABILIZED SUBBASE 4"	SQ YD	6,226		6,226

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SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WHITE CO
				ROUTE:	FAP 332,328,782
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
				ROADWAY	
				0005	
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	4,635		4,635
42001300	PROTECTIVE COAT	SQ YD	5,979		5,979
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	327		327
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	368		368
42400800	DETECTABLE WARNINGS	SQ FT	96		96
44000100	PAVEMENT REMOVAL	SQ YD	5,203		5,203
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	908		908
44003100	MEDIAN REMOVAL	SQ FT	1,245		1,245
44004250	PAVED SHOULDER REMOVAL	SQ YD	207		207
44201299	DOWEL BARS 1 1/2"	EACH	136		136
48101610	AGGREGATE SHOULDERS, TYPE B 9"	SQ YD	142		142
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	596		596
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4.68		4.68

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		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/9/2024	DATE -	REVISED -		SCALE:	SHEET 2	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WHITE CO
				ROUTE:	FAP 332,328,782
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
					ROADWAY
					0005
60600605	CONCRETE CURB, TYPE B	FOOT	556		556
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	160		160
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	955		955
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,360		2,360
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,450		1,450
66900530	SOIL DISPOSAL ANALYSIS	EACH	1		1
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5		5
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2		2
67100100	MOBILIZATION	L SUM	1		1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6		6
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	1,000		1,000

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		CHECKED -	REVISED -						CONTRACT NO. 78A38				
	PLOT DATE = 12/5/2024	DATE -	REVISED -		SCALE:	SHEET 3	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WHITE CO
				ROUTE:	FAP 332,328,782
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
					ROADWAY
					0005
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	181		181
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1		1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	552		552
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	684		684
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	127		127
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	3,490		3,490
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	325		325
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	629		629
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	131		131
73000100	WOOD SIGN SUPPORT	FOOT	112		112
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	127		127
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	3,490		3,490

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SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WHITE CO
				ROUTE:	FAP 332,328,782
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
					ROADWAY
					0005
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	325		325
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	629		629
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	131		131
78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	127		127
78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	3,490		3,490
78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	325		325
78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	629		629
78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	131		131
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9		9
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	9		9
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1,694		1,694
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
80300100	LOCATE UNDERGROUND CABLE	FOOT	200		200
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	8		8

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		DRAWN -	REVISED -					*	(28-3,109,109-1.110)N-1	WHITE	98	9
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 5	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

			COUNTY:	WHITE CO
			ROUTE:	FAP 332,328,782
			FUNDING:	80% FEDERAL 20% STATE
			LOCATION:	RURAL
			TOTAL QUANTITY	ROADWAY 0005
CODE NUMBER	ITEM DESCRIPTION	UNIT		
X4202010	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	4,635	4,635
X4402805	ISLAND REMOVAL	SQ FT	1,203	1,203
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
X7200203	DETOUR SIGNING	L SUM	1	1

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		DRAWN -	REVISED -					*	(28-3,109,109-1.110)N-1	WHITE	98	10
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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FILE NAME: c:\pw_work\pwrtd\illinois.gov_tristen.reid\illinois.gov_1978A38-S\IE-Schedules.dgn

REMOVAL SCHEDULE												
LOCATION STATION TO STATION					LENGTH	WIDTH	PAVEMENT REMOVAL	ISLAND REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	COMBINATION CURB & GUTTER REMOVAL	COMMENTS
US 45/IL 1					FT	FT	SQ YD	SQ FT	SQ FT	SQ YD	FOOT	
EAST/WEST												
RT	28+28	TO	RT	29+93	165	24	440					
RT	28+28	TO	RT	29+11	83	6				56		
RT	28+28	TO	RT	28+60	32						32	
	28+60	TO		29+99	139	6			834			
RT	29+93	TO	RT	30+40	47	30	157					
RT	30+40	TO	RT	30+66	26	24	70					
RT	30+66	TO	RT	31+13	47	30	157					
RT	31+13	TO	RT	31+34.5	22	24	58					
	31+34.5	TO		32+03	69	6			411			
RT	31+34.5	TO	RT	32+03	69	18	137					
LT	28+61	TO	LT	29+99	138	18	276					
LT	28+61	TO	LT	29+60	99	8				88		
LT	29+99	TO	LT	30+66	67	30	224					
LT	30+66	TO	LT	30+94	28	24	75					
LT	30+94	TO	LT	31+39	45	30	150					
LT	31+39	TO	LT	33+06.5	168	24	447					
LT	32+03	TO	LT	33+06.5	104						104	
NORTH/SOUTH												
	8+67.5	TO		10+15	148	26	427					
	8+67.5	TO		8+83	16	9				16		
	10+15	TO		10+43	28	31	97					
	10+43	TO		10+66	23	36	92					
	11+22	TO		11+72	50	36	200					
	11+72	TO		11+75	3	31	11					
	11+75	TO		13+20.5	146	26	421					
RT	12+68	TO	RT	13+20.5	53	8				47		
SOUTH-EAST ISLAND								330				
SOUTH-WEST ISLAND								262				
NORTH-WEST ISLAND								331				
NORTH-EAST ISLAND								280				
SW TURNING RADIUS												
	100+00	TO		101+87			363					
	100+00	TO		101+53	153						153	
SE TURNING RADIUS												
	200+00	TO		202+63			342					
	200+40	TO		202+55	215						215	
NE TURNING RADIUS												
	300+00	TO		301+88			357					
	300+19	TO		301+88	169						169	
NW TURNING RADIUS												
	400+00	TO		402+88			391					
	400+51	TO		402+35	184						184	
SIDEROADS												
RT	9+13.5	TO	RT	9+65	52	/	41				52	
LT	12+37	TO	LT	13+20.5	84	29	270					
TOTALS							5203	1203	1245	207	908	

PCC PAVEMENT SCHEDULE

LOCATION STATION TO STATION		LENGTH	WIDTH	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	STABILIZED SUB-BASE, 4"	PCC PAVEMENT, 9" (JOINTED)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"	CONCRETE MEDIAN SURFACE 4"	PROTECTIVE COAT	COMMENTS
US 45/IL 1		FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ YD	
EAST/WEST										
RT	28+28 TO RT 31+34	306	24	816	816	816			816	
	28+61 TO 29+98	137						645		
RT	31+34 TO RT 32+03	69	18	138	138	138			138	
	31+35 TO 32+03							327		
LT	29+99 TO LT 33+06.5	307.5	24	820	820	820			820	
LT	28+60 TO 29+99	139	18	278	278	278			278	
NORTH/SOUTH										
	8+68 TO 10+73	205.5	26	594	594	594			594	
	11+16 TO 13+20.5	204.5	26	591	591	591			591	
SOUTH-WEST RADIUS										
	100+00 TO 101+95.5	195.5	VARIES	365	365	365			365	
SOUTH-EAST RADIUS										
	200+40.3 TO 202+63	222.7	VARIES	334	334	334			334	
NORTH-EAST RADIUS										
	300+00 TO 301+88	188	VARIES	327	327	327			327	
NORTH-WEST RADIUS										
	400+00 TO 402+88	288	VARIES	372	372	372			372	
SOUTH-WEST QUAD ISLAND								276		
SOUTH-EAST QUAD ISLAND								636		
NORTH-EAST QUAD ISLAND								231		
NORTH-WEST QUAD ISLAND								245		
ROADS CHURCH ENTERANCE NORTH										
RT	9+23 TO RT 9+62	39	7	31			31		31	
COUNTY ROAD 600 N										
LT	12+37.5 TO LT 13+20.5	83	32	296			296		296	
TOTALS				4962	4635	4635	327	2360	4962	

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SHOULDER SCHEDULE												
LOCATION STATION TO STATION					LENGTH	WIDTH	PORTLAND CEMENT CONCRETE SHOULDERS, 9"	STABILIZED SUB-BASE, 4"	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	AGGREGATE SHOULDER, TYPE B 9"	PROTECTIVE COAT	COMMENTS
US 45/IL 1					FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	
EAST/WEST												
RT	28+28	TO	RT	29+31	103	3				35		
RT	28+28	TO	RT	29+46	118	6	79	99	99		79	
LT	28+61	TO	LT	29+66	105	6	70	88	88		70	
LT	28+61	TO	LT	29+66	105	3				35		
RT	31+58	TO	RT	32+03	45	6	30	38	38		30	
RT	31+75	TO	RT	32+03	28	3				10		
LT	31+88	TO	LT	33+06.5	118.5	6	79	99	99		79	
LT	31+88	TO	LT	33+06.5	118.5	3				40		
RT	32+03	TO	RT	32+18.5	15.5	3				6		
NORTH/SOUTH												
RT	8+67.5	TO	RT	9+70	102.5	5	57	75	75		57	
LT	8+67.5	TO	LT	9+34	66.5	5	37	49	49		37	
RT	12+66	TO	RT	13+20.5	54.5	2.5				16		
RT	12+66	TO	RT	13+20.5	54.5	3.5	22	31	31		22	
NORTH-WEST ISLAND												
	30+32	TO		30+64	32	6	22	22	22		22	
	10+43	TO		10+76	33	6	22	22	22		22	
NORTH-EAST ISLAND												
	31+05	TO		31+40	35	6	24	24	24		24	
	10+15	TO		10+58	43	6	29	29	29		29	
SOUTH-WEST ISLAND												
	29+93	TO		30+29	36	6	24	24	24		24	
	11+28	TO		11+72	44	6	30	30	30		30	
SOUTH-EAST ISLAND												
	30+71	TO		31+13	42	6	28	28	28		28	
	11+11	TO		11+75	64	6	43	43	43		43	
TOTALS							596	701	701	142	596	

MODEL: Schedule 4 (Sheet)
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PAVEMENT MARKING SCHEDULE														
LOCATION STATION TO STATION					LENGTH	MODIFIED URETHANE PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS
						LINE 4"		LINE 6"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS			
						YELLOW SOLID	WHITE SOLID	WHITE	WHITE	WHITE				
US 45/IL 1					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	
EAST/WEST														
RT	28+28	TO	RT	29+47	119	119	238							
28+48											11			BIKE LANE
28+54											36			LEFT TURN LANE
LT	28+61	TO	LT	29+33	72	72	72							
LT	29+33	TO	LT	29+96	63	63								
RT	29+47	TO	RT	29+87	40	40	40							
RT	29+87	TO	RT	30+19	32	32	64							
30+19										12				
RT	30+19	TO	RT	30+25	6		12							
30+25										12				
LT	30+17	TO	LT	30+61	44		44							
30+41											11			BIKE LANE
RT	30+74	TO	RT	30+90	16		16							
RT	30+97	TO	RT	31+26	29		29							
LT	31+01	TO	LT	31+14	13		13							
31+06								127	126					CROSSWALK
31+23										24				
LT	31+23	TO	LT	31+45	22	22	44							
RT	31+38	TO	RT	31+84	46	46								
LT	31+45	TO	LT	31+97	52	52	52							
RT	31+84	TO	RT	32+03	19	19	19							
LT	31+97	TO	LT	33+06.5	109.5	110	219							
32+63											36			LEFT TURN LANE
32+68											11			BIKE LANE
NORTH/SOUTH														
	8+67.5	TO		10+55	187.5	375						5	5	
RT	8+67.5	TO	RT	9+70	102.5		103							
LT	8+67.5	TO	LT	9+70	102.5		103							
8+81											9			BIKE LANE RT/LT
LT	10+11	TO	LT	10+52	41		41							
RT	10+28	TO	RT	10+67	39		39							
10+55										12				
LT	11+20	TO	LT	11+38	18		18							
RT	11+35	TO	RT	11+53	18		18							
LT	11+46	TO	LT	11+82	36		36							
11+49								76	78					CROSSWALK
11+54										12				
	11+54	TO		13+20.5	166.5	333						4	4	
RT	11+61	TO	RT	11+77	16		16							
RT	12+24	TO	RT	13+20.5	96.5		97							
12+61											11			BIKE LANE RT
RADI I														
	100+26			100+67			48		53					
100+65										12				
100+70								62	60					CROSSWALK
	100+72			101+58			99		109					
201+76										16				
	300+27	TO		300+67			53		50					
300+65										12				
300+71								60	60					CROSSWALK
	300+73	TO		301+41			82		93					
401+64										19				
SOUTH WEST ISLAND							97							
SOUTH EAST ISLAND							192							
NORTH EAST ISLAND							96							
NORTH WEST ISLAND							129							
COUNTY ROAD 600 N							80							
TOTALS							3490	325	629	131	127	9	9	

MODEL: Schedule 4 (Sheet) FILE NAME: c:\pawork\pawork\illinois.gov_tristen.reid@illinois.gov\092689\0978A38-SHE-Schedule.dgn	USER NAME = tristen.reid		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE					F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -							*	(28-3,109,109-1,110)N-1	WHITE	98	14
			CHECKED -	REVISED -							CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024		DATE -	REVISED -		SCALE:	SHEET 4	OF 8	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

MODEL: Schedule 5 (Sheet)
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CURB AND GUTTER SCHEDULE											
LOCATION STATION TO STATION		LENGTH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	CONCRETE CURB, TYPE B	PROTECTIVE COAT	STONE RIP- RAP, CLASS A4	CLASS SI CONCRETE (OUTLET)	STABILIZED SUB-BASE, 4"	SUB-BASE GRANULAR MATERIAL TYPE A, 12"	COMMENTS
US 45/IL 1		FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	CU YD	SQ YD	SQ YD	
28+28 TO 28+60		32			32	4			13	13	
28+60 TO 29+96		136			280	32			109	109	BOTH SIDES OF MEDIAN
31+37 TO 32+03		66			140	16			55	55	BOTH SIDES OF MEDIAN
LT	32+03 TO LT 33+06.5	103.5			104	12			41	41	
RT	9+02 TO RT 9+22	23						1.49			SEE STANDARD 606006
RT	9+22 TO RT 9+70	48	48			16			30	30	PARKING LOT ENTRANCE
LT	9+07 TO LT 9+28	24						1.56			SEE STANDARD 606006
RADI I											
100+04.8 TO 100+21.4		20						1.30			SEE STANDARD 606006
100+21.4 TO 100+66		44.6	45			15			28	28	
100+66 TO 100+73		7	7			3			5	5	SIDEWALK LANDING
100+73 TO 101+77		104	104			35			64	64	
200+40 TO 201+55		114.5	115			39			70	70	
201+55.5							7	0.33			SEE STANDARD 606006
201+56.5 TO 202+35		78.5	79			27			48	48	
300+20.5 TO 300+68		47.5	48			16			30	30	
300+68 TO 300+75		7	7			3			5	5	SIDEWALK LANDING
300+75 TO 301+46		71	71			24			44	44	
400+47.5 TO 402+48		200.5	201			67			123	123	
SOUTH-WEST ISLAND											
29+96 TO 30+23			28			10			18	18	
11+45 TO 11+58			13			5			8	8	
11+58 TO 11+65			6			2			4	4	ISLAND CROSSWALK
11+65 TO 11+70			5			2			4	4	
100+58 TO 100+68				12		2			6	6	
100+68 TO 100+73				6		1			3	3	ISLAND CROSSALK
100+73 TO 100+76				5		1			3	3	
SOUTH-EAST ISLAND											
30+72 TO 30+86.5			14			5			9	9	
30+86.5 TO 30+92			6			2			4	4	ISLAND CROSSWALK
30+92 TO 31+08			16			6			10	10	
11+19 TO 11+35			15			5			10	10	
11+35 TO 11+40			6			2			4	4	ISLAND CROSSWALK
11+40 TO 11+67			27			9			17	17	
201+06 TO 201+76				73		13			33	33	
NORTH-EAST ISLAND											
31+11.5 TO 31+19			8			3			5	5	
31+19 TO 31+25			6			2			4	4	ISLAND CROSSWALK
31+25 TO 31+37			13			5			8	8	
10+18 TO 10+43			26			9			16	16	
300+59 TO 300+68				14		3			7	7	
300+68 TO 300+71				6		1			3	3	ISLAND CROSSWALK
300+71 TO 300+76				7		2			4	4	
NORTH-WEST ISLAND											
30+40 TO 30+63			23			8			15	15	
10+49 TO 10+68			20			7			13	13	
401+28 TO 401+61				37		7			17	17	
TOTALS			955	160	556	421	7	4.68	890	890	

PLOT DATE = 1/27/2025	USER NAME = tristen.reid	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB AND GUTTER SCHEDULE			
SCALE:	SHEET 5	OF 8 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	15
		CONTRACT NO. 78A38		
		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE	COMMENTS
US 45/IL 1	CU YD	CU YD	CU YD	CU YD	
WEST-EAST					
US 45 WEST OF INTERSECTION RADIUS					
28+28 TO 29+40	272	204	10	194	
EOP TO EOP WEST-EAST					
29+40 TO 31+94	467	350		350	
IL 1 EAST OF INTERSECTION RADIUS					
31+94 TO 33+06.5	200	150	3	147	
NORTH-SOUTH					
US 45 NORTH OF INTERSECTION RADIUS					
8+67.5 TO 9+28	124	93	6	87	
EOP TO EOP NORTH US 45					
9+28 TO 10+66	148	111		111	
EOP TO EOP SOUTH IL 1					
11+21 TO 12+66	148	111		111	
IL 1 SOUTH OF INTERSECTION RADIUS					
12+66 TO 13+20.5	73	55	7	48	
SOUTH-WEST QUAD	317	238	3	235	
SOUTH-EAST QUAD	548	411	9	402	
NORTH-EAST QUAD	144	108	3	105	
NORTH-WEST QUAD	449	337	4	333	
TOTALS	2890			2122	

* 25% SHRINKAGE FACTOR FOR EARTHWORK

SEEDING EROSION CONTROL SCHEDULE

LOCATION STATION AND STATION	SEEDING CLASS 1B	SEEDING CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2	EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER	COMMENTS
US 45/IL 1	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	FOOT	
SOUTH-WEST QUAD	0.03	0.03	3	3	3	0.06	0.03	110	50	
SOUTH-EAST QUAD	0.02	0.02	2	2	2	0.04	0.02	83	50	
NORTH-EAST QUAD	0.03	0.03	3	3	3	0.06	0.03	110	50	
NORTH-WEST QUAD	0.03	0.03	3	3	3	0.06	0.03	130	50	
TOTALS	0.11	0.11	11	11	11	0.22	0.11	433	200	

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		DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	16
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 6	OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SIDEWALK SCHEDULE

LOCATION STATION TO STATION	PCC SIDEWALK 5"	DETECTABLE WARNING	COMMENTS
	SQ FT	SQ FT	
SOUTH-WEST QUAD RADIUS			
100+66.5 TO 100+73	30	12	SIDEWALK LANDING
SOUTH-WEST QUAD ISLAND	52	24	
SOUTH-EAST QUAD ISLAND	174	24	
NORTH-EAST QUAD ISLAND	82	24	
NORTH-EAST QUAD RADIUS			
300+68 TO 300+74.5	30	12	SIDEWALK LANDING
TOTALS	368	96	

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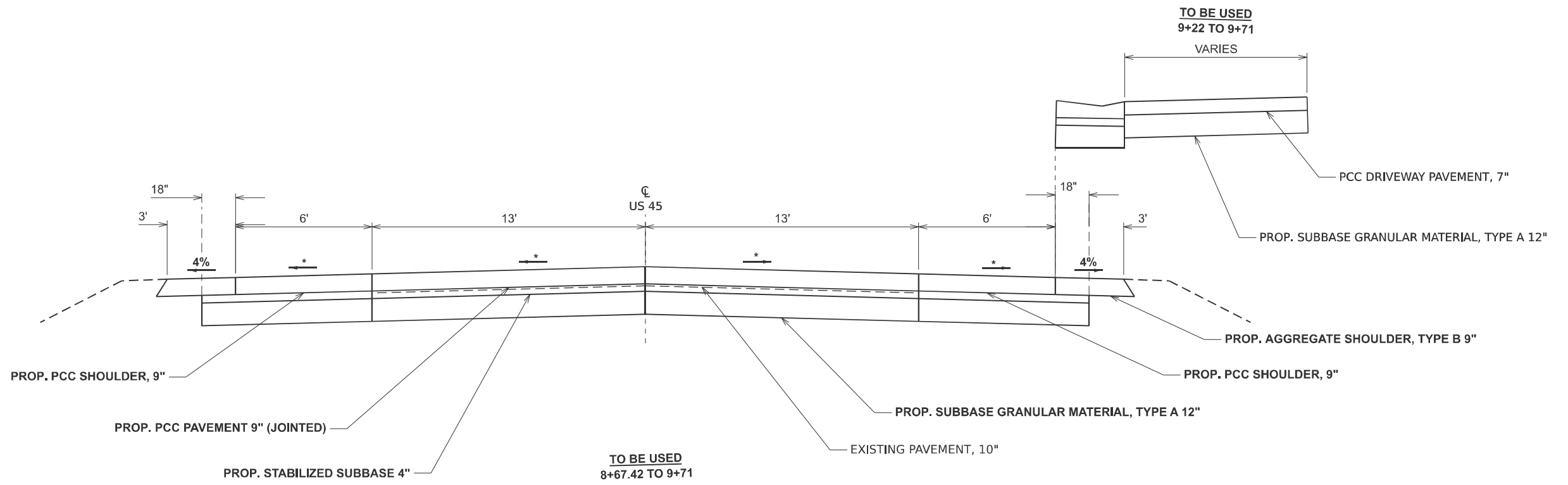
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		DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	17
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 7	OF 8	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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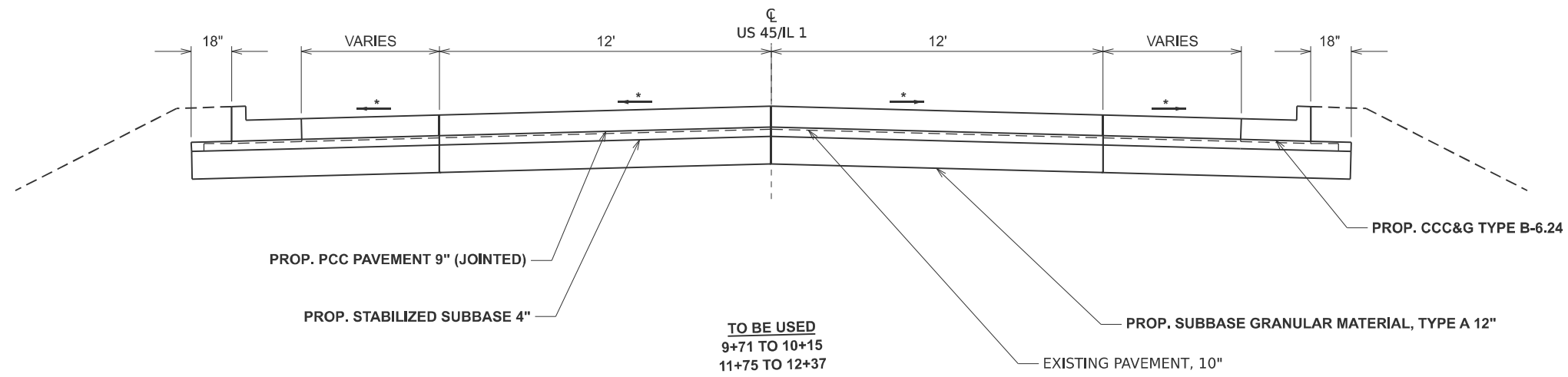
DETOUR SIGNING SCHEDULE						
SIGN ID NO.	DESCRIPTION	SIGN SIZE			TOTAL SIGNS REQUIRED	SIGN PANEL TYPE 1
		INCH			EACH	SQ FT
W1-6R	RIGHT ARROW	24	X	12	3	6
W1-6L	LEFT ARROW	24	X	12	2	4
M4-8	DETOUR	24	X	12	7	14
M7-2	ARROW (STRAIGHT)	12	X	9	2	2
M3-3	CARDINAL DIRECTION (SOUTH)	24	X	12	3	6
M3-1	CARDINAL DIRECTION (NORTH)	24	X	12	4	8
W20-3	ROAD CLOSED AHEAD	36	X	36	9	81
M1-1100	ILLINOIS STATE ROUTE	24	X	24	14	56
W20-2A	DETOUR AHEAD	36	X	36	6	54
TOTALS					50	231

FOR INFORMATION ONLY

	USER NAME = tristen.reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNAGE SCHEDULE			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	18
		CHECKED -	REVISED -		SCALE:			CONTRACT NO. 78A38				
	PLOT DATE = 1/27/2025	DATE -	REVISED -		SHEET 8	OF 8	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



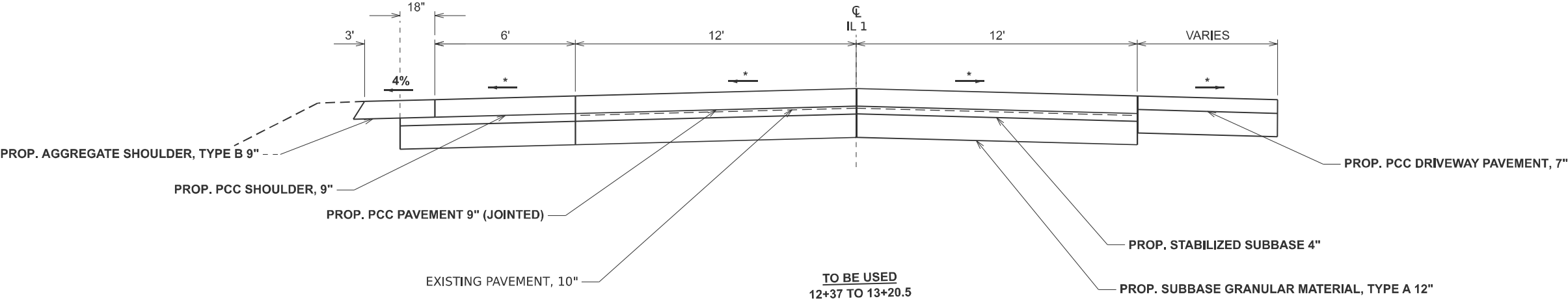
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SEE GEOMETRICS SHEETS AND JOINTING
PLAN FOR OFFSETS AND ELEVATIONS



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		DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	19
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/12/2024	DATE -	REVISED -		SCALE: 3/8"=1'-0"	SHEET OF 3 SHEETS	STA. 0+45.43 TO STA. 1+25.43	ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

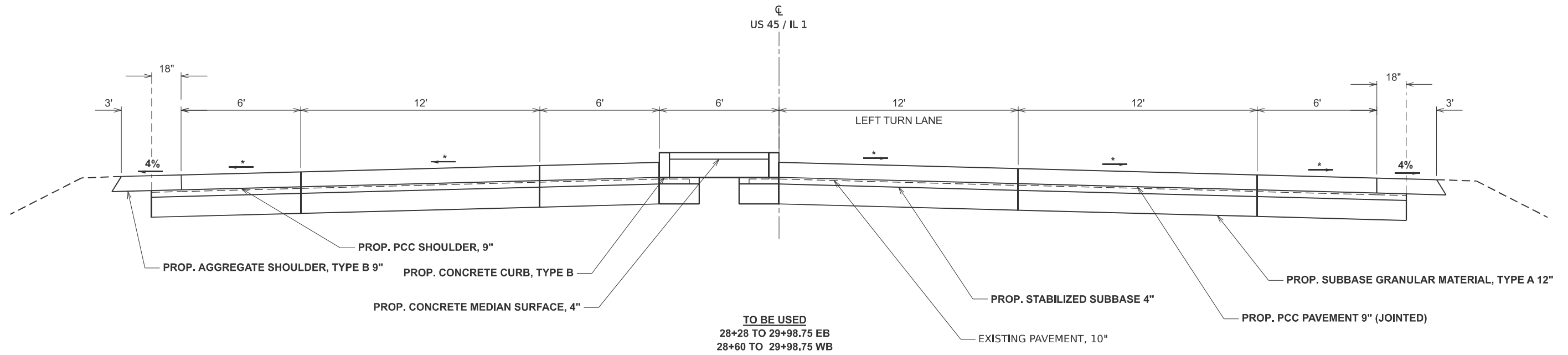


* VARIES
SEE GEOMETRICS SHEETS AND JOINTING
PLAN FOR OFFSETS AND ELEVATIONS

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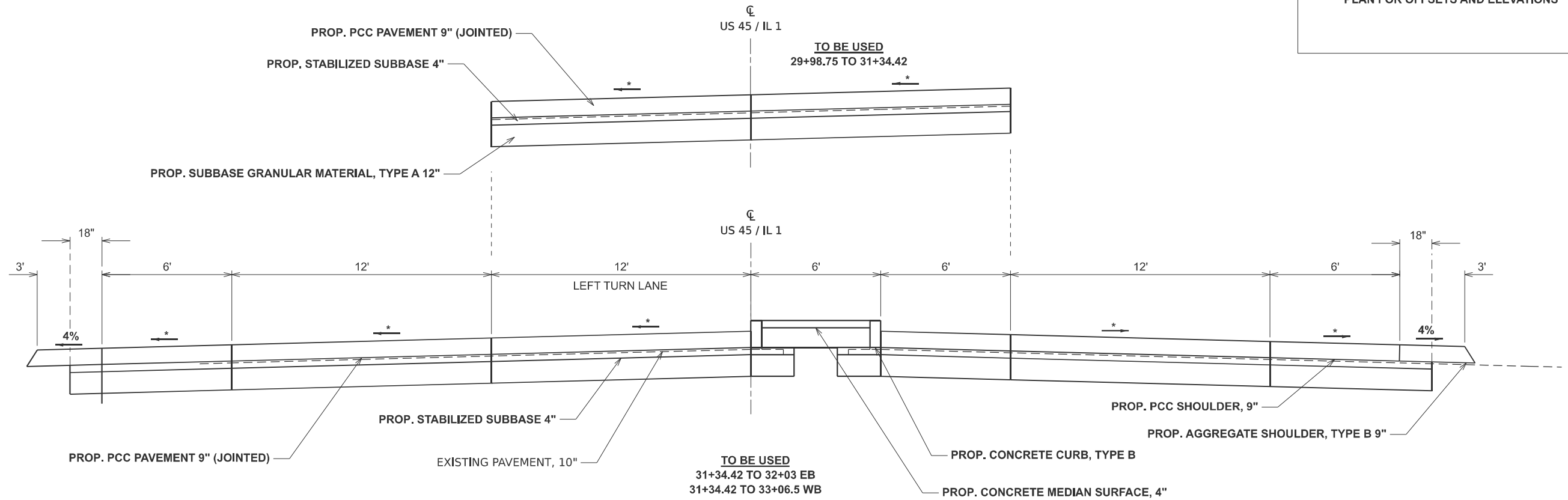
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		DRAWN -	REVISED -						*	(28-3,109,109-1,110)N-1	WHITE	98	20
		CHECKED -	REVISED -						CONTRACT NO. 78A38				
	PLOT DATE = 12/12/2024	DATE -	REVISED -		SCALE: 3/8"=1'-0"	SHEET	OF 3	SHEETS	STA. 1+25.43	TO STA. 2+05.43	ILLINOIS	FED. AID PROJECT	

MODEL: Typ Sheets - Typical 3 (Sheet)
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* VARIES

SEE GEOMETRICS SHEETS AND JOINTING
PLAN FOR OFFSETS AND ELEVATIONS



USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/12/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

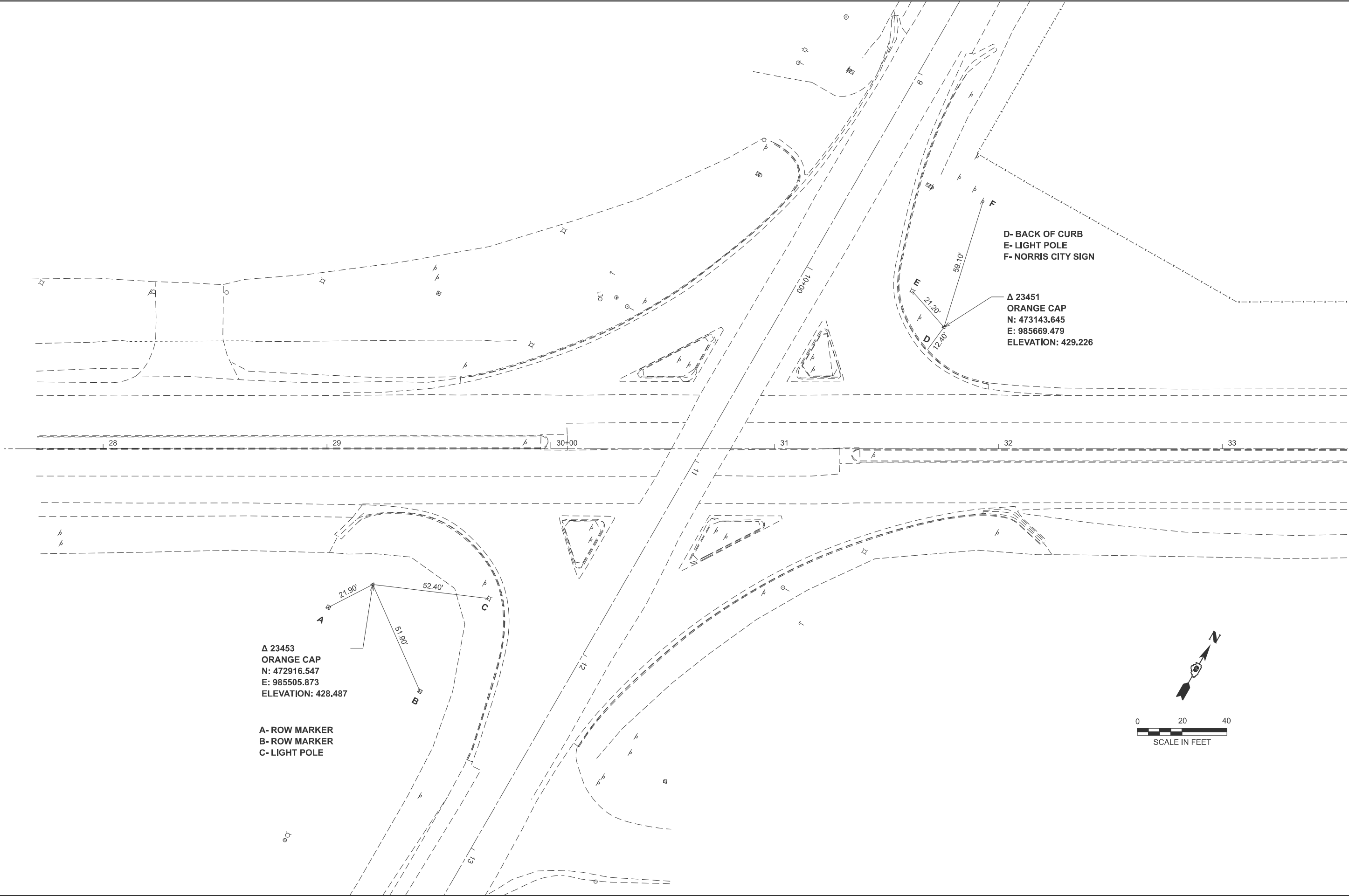
TYPICALS CONT.

SCALE: 3/8"=1'-0" SHEET OF 3 SHEETS STA. 2+05.43 TO STA. 2+85.43

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	21
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

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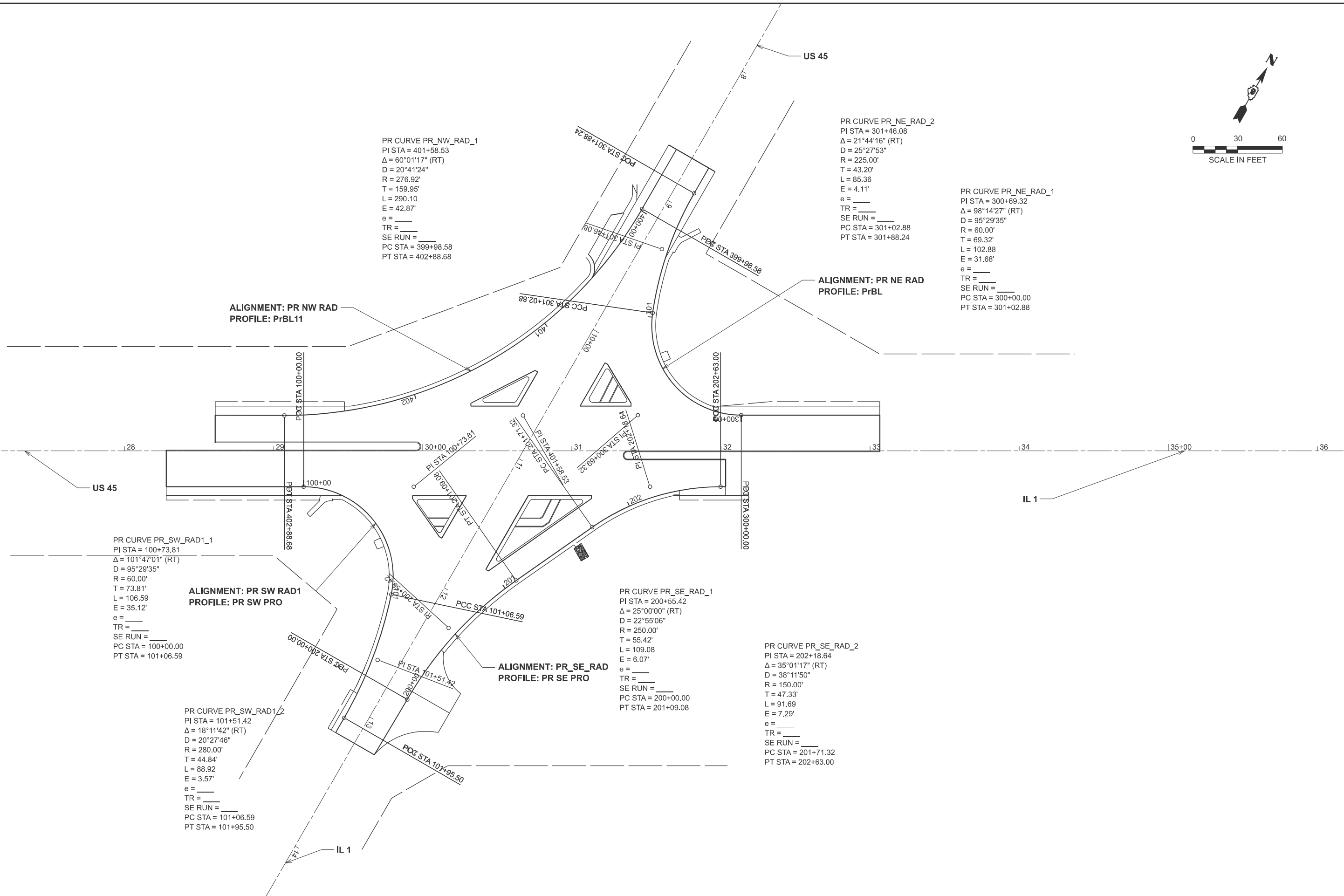
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS INFORMATION			
SCALE: 1"=20'	SHEET A001	OF 2 SHEETS	STA. 27+55.83 TO STA. 33+55.83

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	22
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: GeoPak Sheet - GeoPak (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 12/2/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

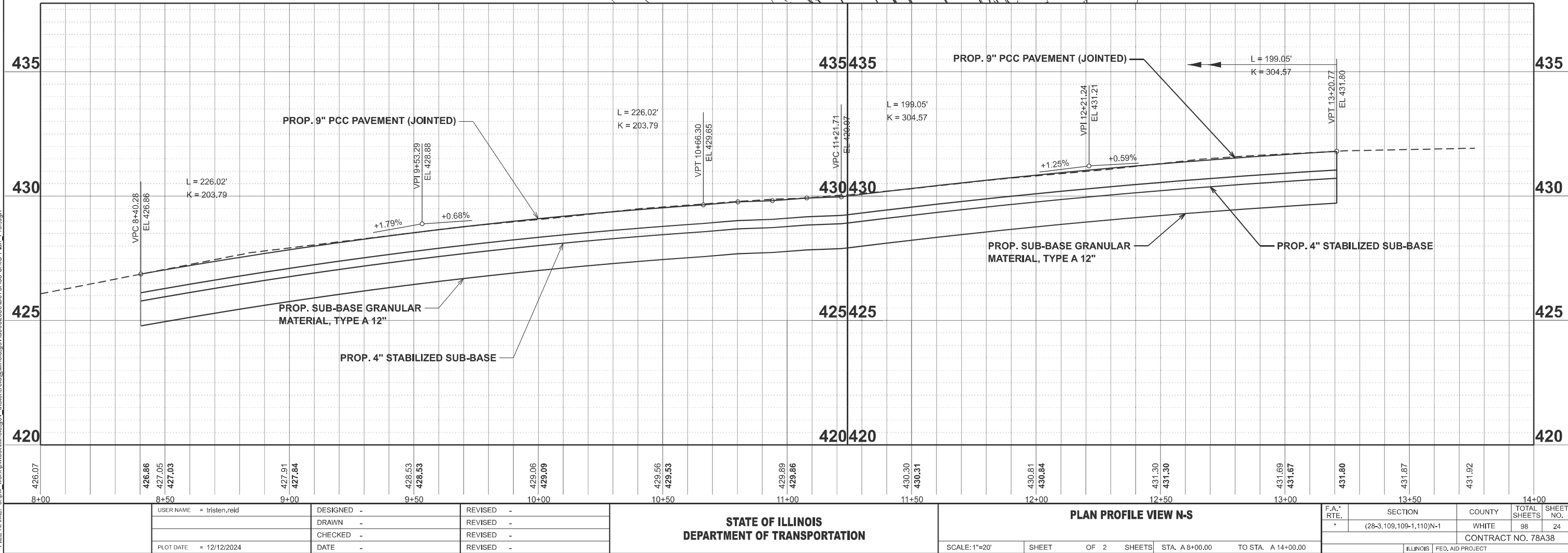
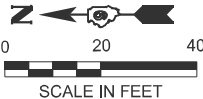
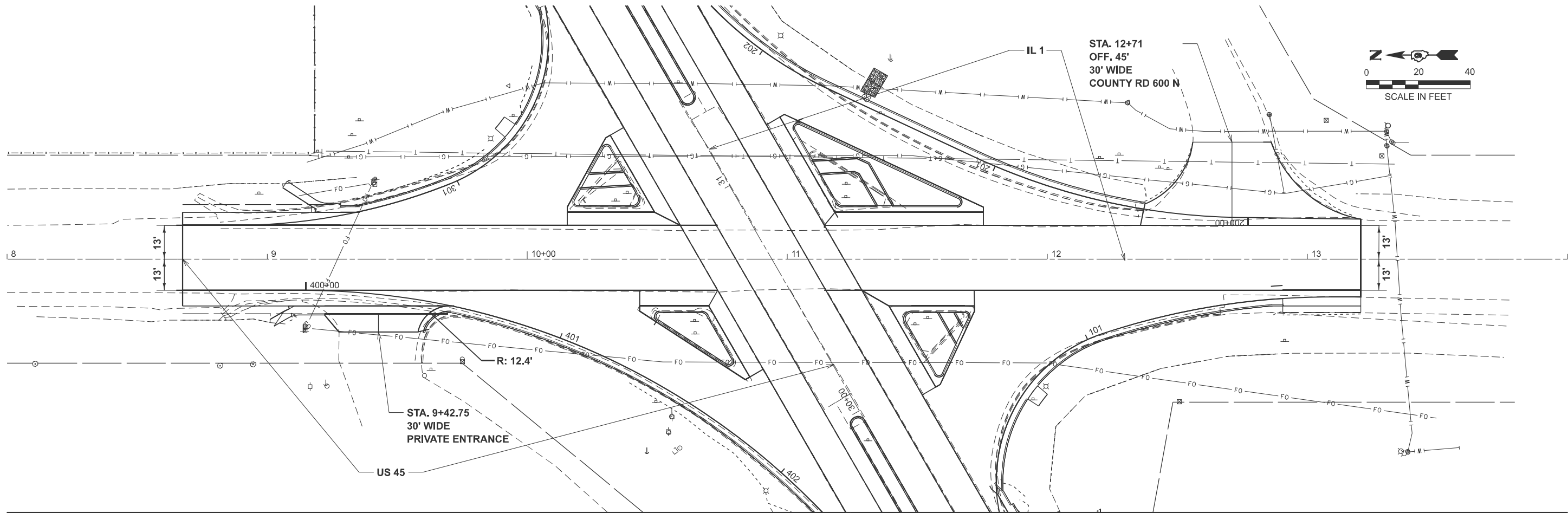
GEOPAK SHEET

SCALE: 1"=30' SHEET A002 OF 2 SHEETS STA. 27+17.57 TO STA. 36+17.57

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	23
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: North-South - N-S Plan [Sheet]
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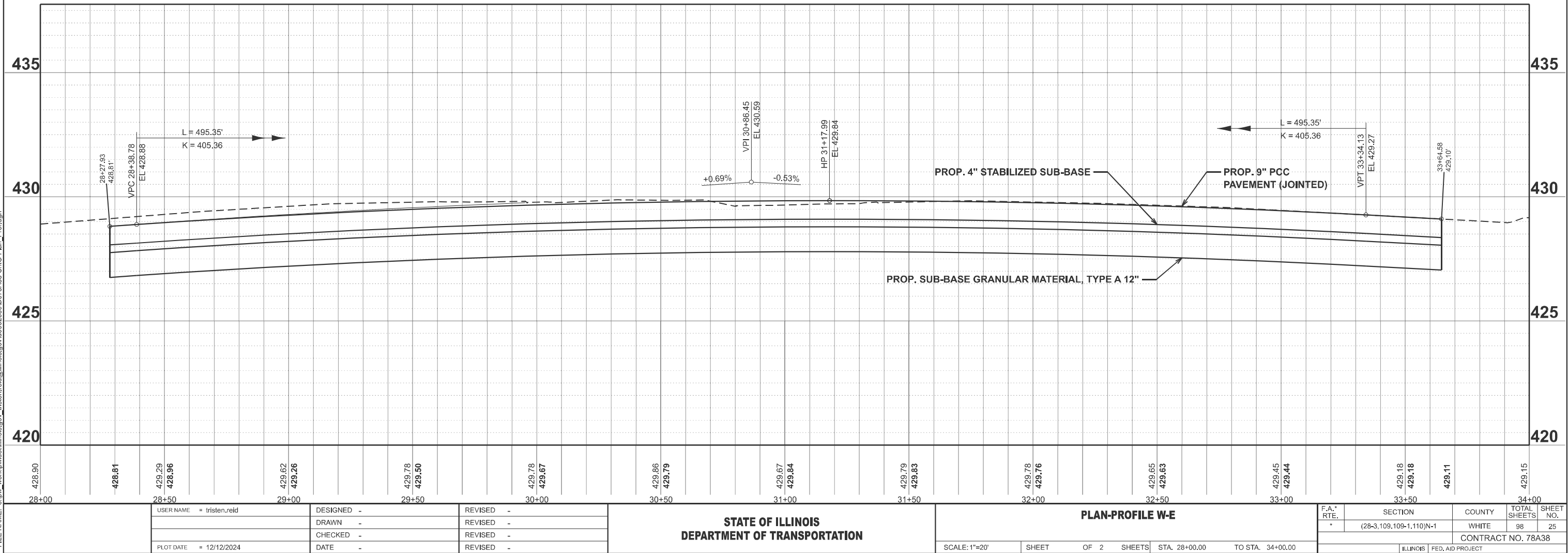
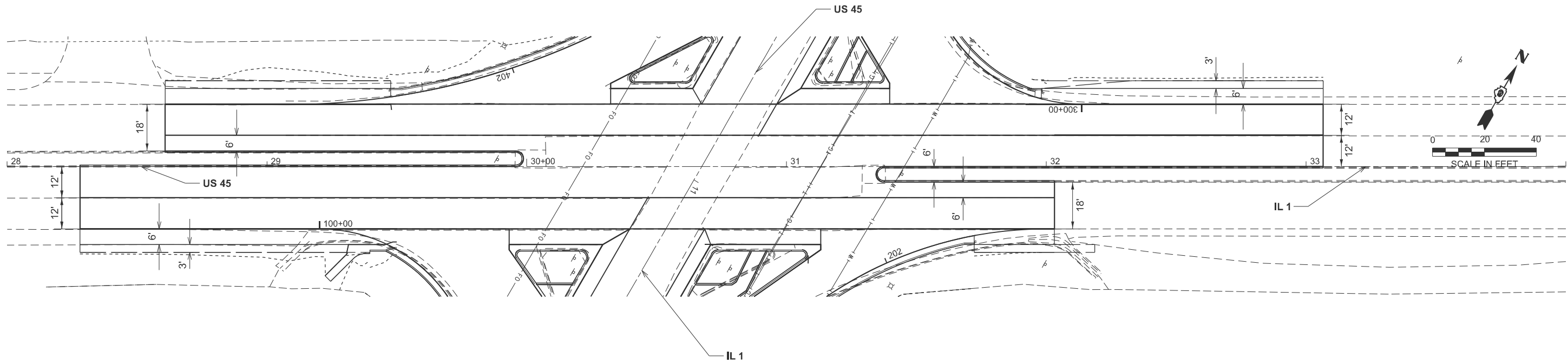


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

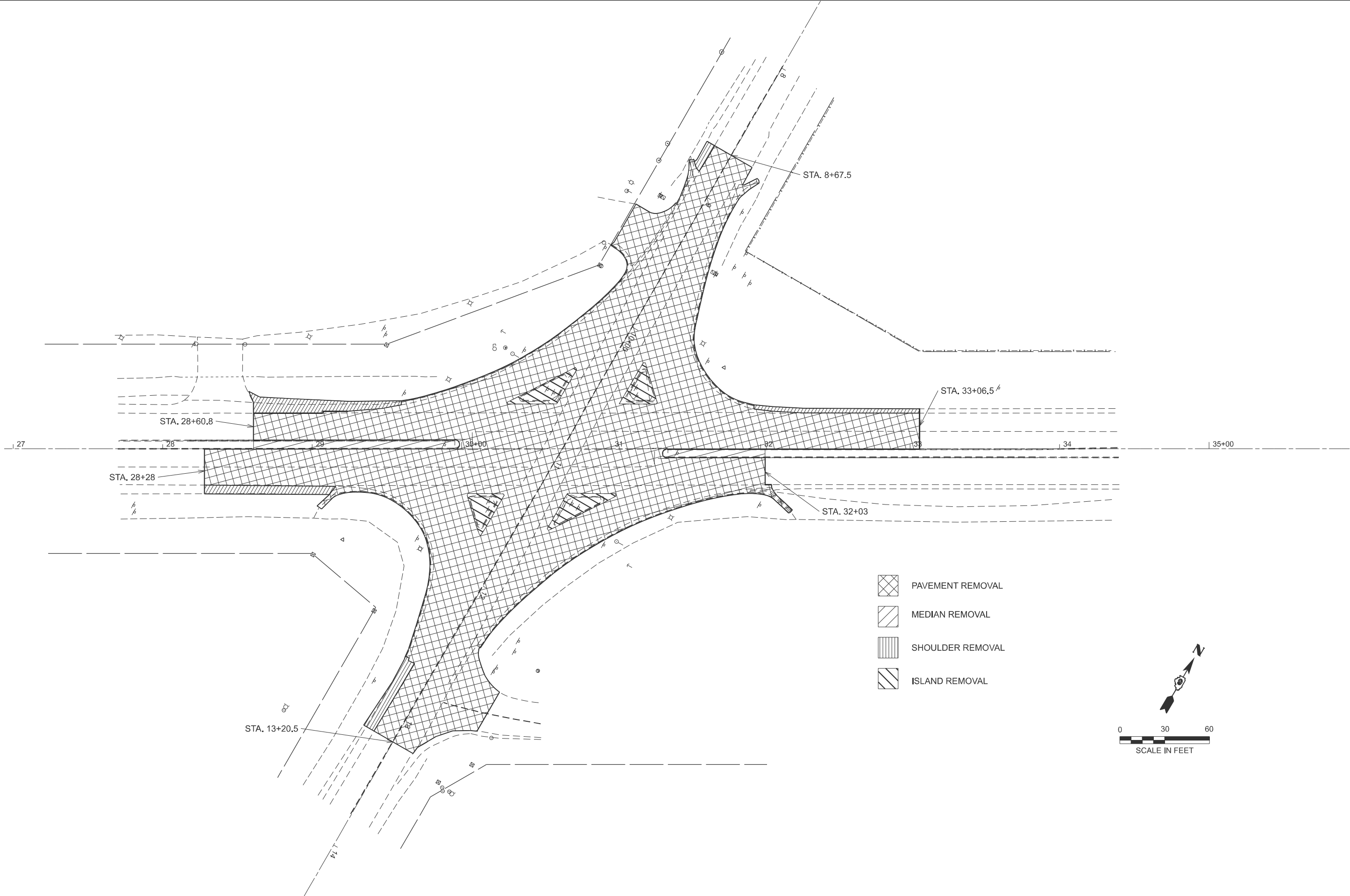
PLAN PROFILE VIEW N-S

FAP 332/FAP 328/FAP 782

MODEL: Plan Profile - Plan Profile 1 [Sheet]
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	PLOT DATE = 12/2/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

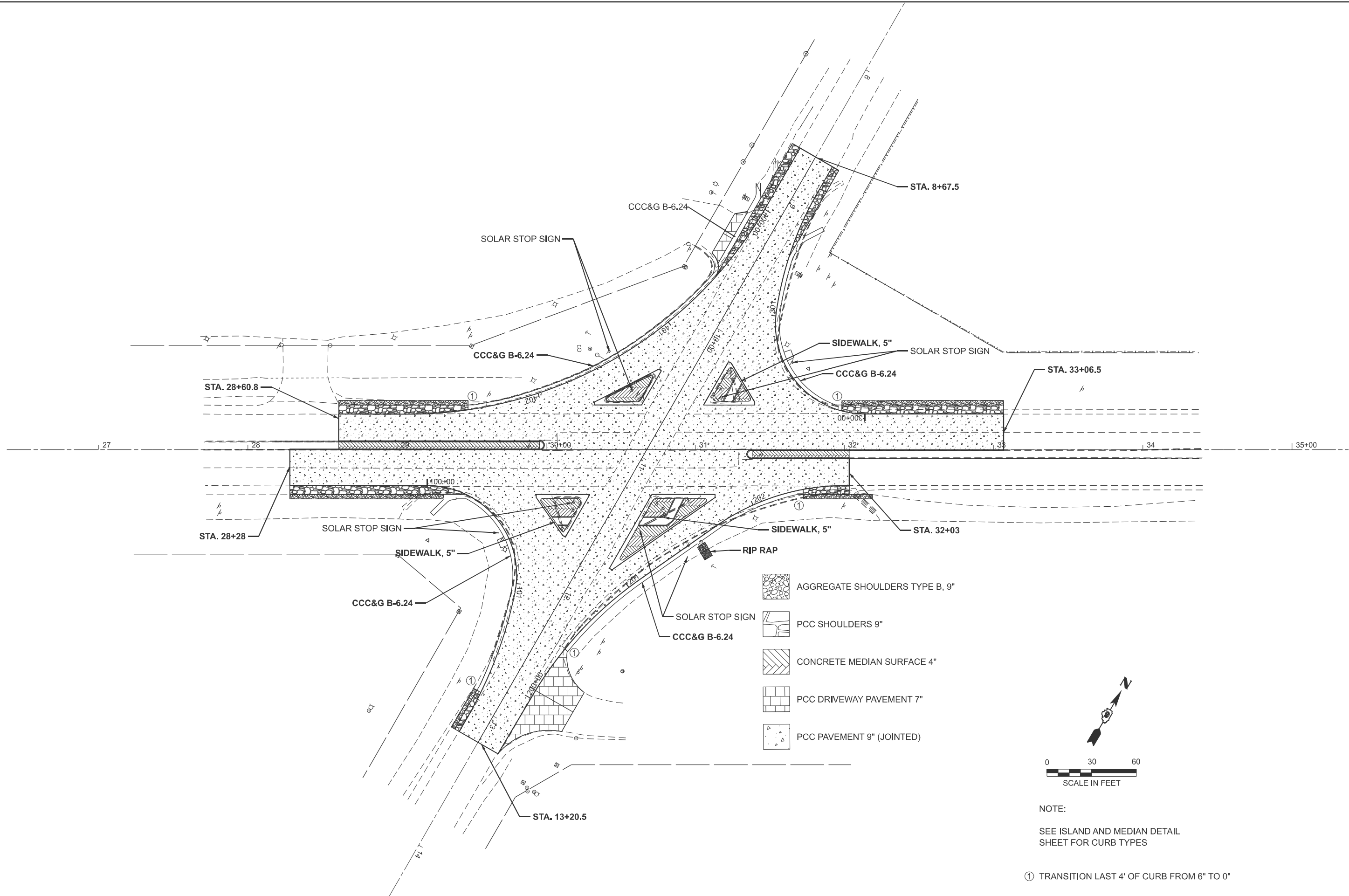
REMOVAL SHEET

SCALE: 1"=30' SHEET A001 OF 2 SHEETS STA. 26+94.16 TO STA. 35+94.16

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	26
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: construction - construction [Sheet]
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/5/2024	DATE	-	REVISED	-

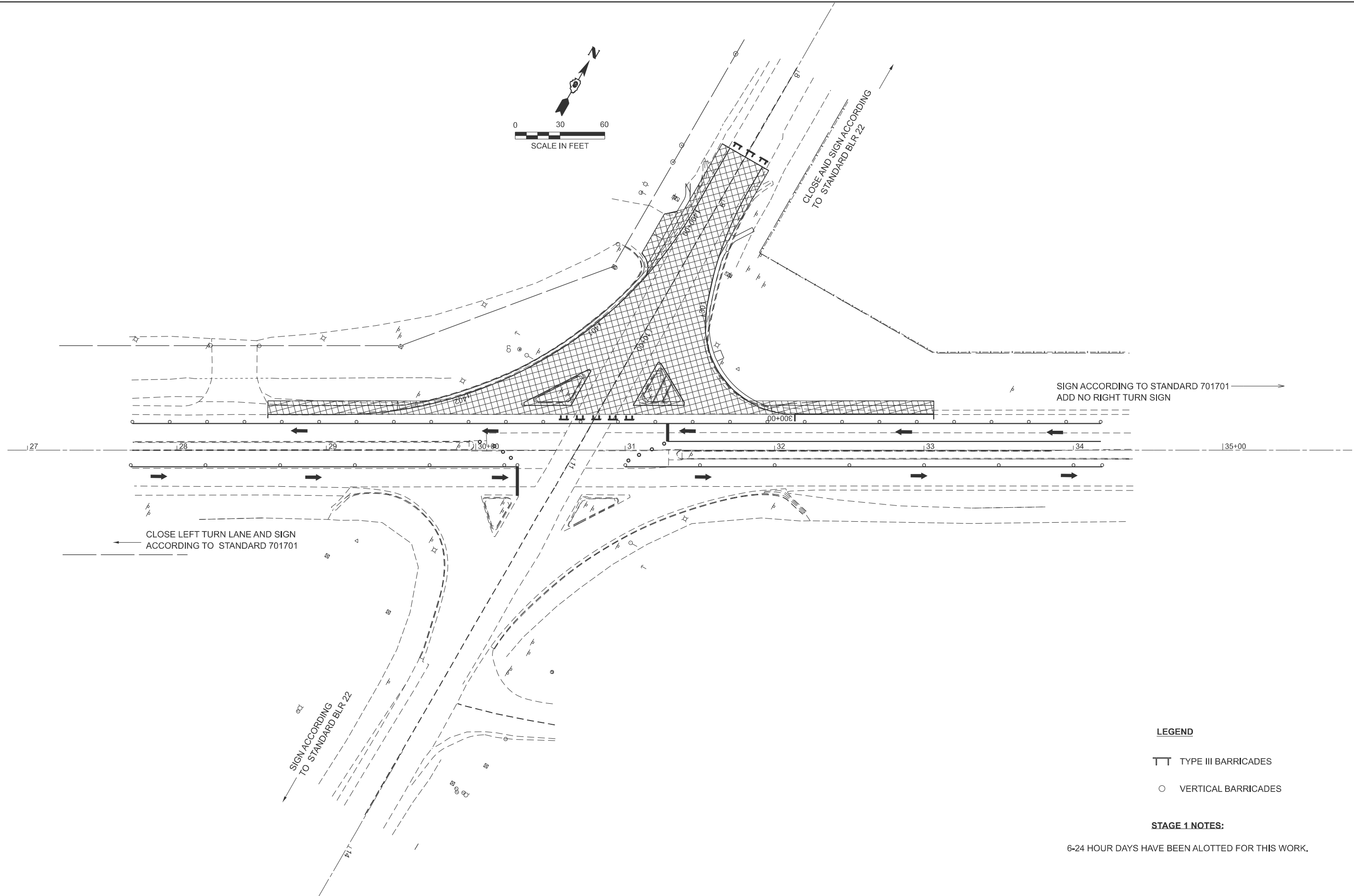
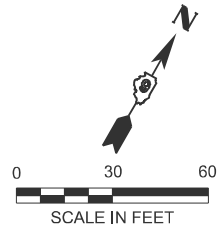
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SHEET

SCALE: 1"=30' SHEET A002 OF 2 SHEETS STA. 26+37.92 TO STA. 35+37.92

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	27
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782



LEGEND

- TYPE III BARRICADES
- VERTICAL BARRICADES

STAGE 1 NOTES:

6-24 HOUR DAYS HAVE BEEN ALOTTED FOR THIS WORK.

MODEL: Stage1 - Plan 1 [Sheet]
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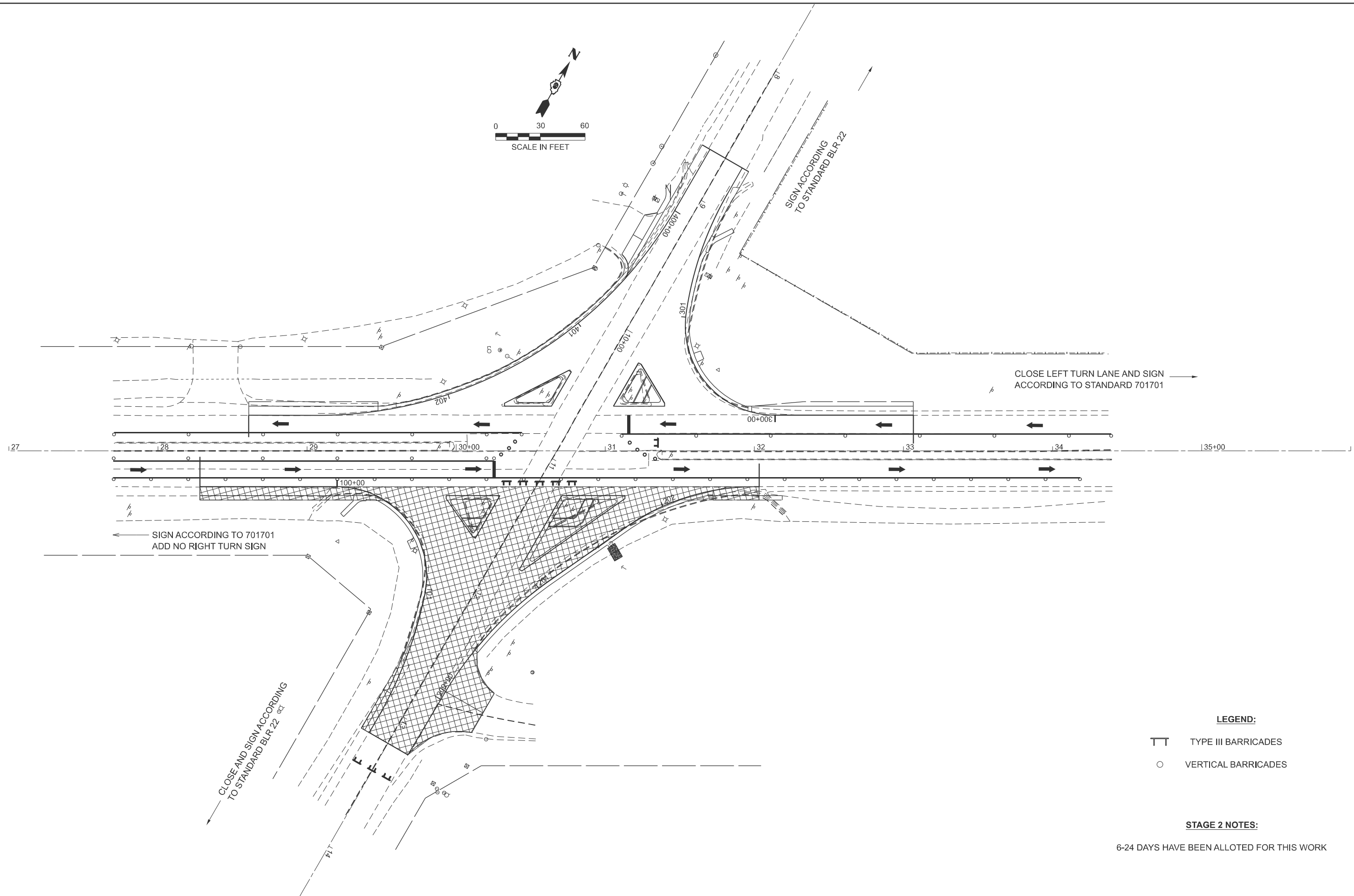
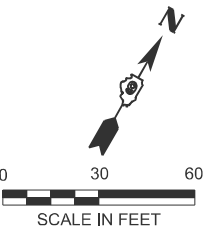
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/2/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1

SCALE: 1"=30' SHEET A001 OF 6 SHEETS STA. 26+86.70 TO STA. 35+86.70

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	28
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  TYPE III BARRICADES
-  VERTICAL BARRICADES

STAGE 2 NOTES:

6-24 DAYS HAVE BEEN ALLOTTED FOR THIS WORK

MODEL: Stage 2 - Plan 1 (Sheet)
FILE NAME: c:\p\work\pilot\illinois.gov\tristen.reid@illinois.gov\d0962689\1978A38-Sht-Stage 2.dgn

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PLOT DATE	= 12/2/2024	DATE	-	REVISED	-

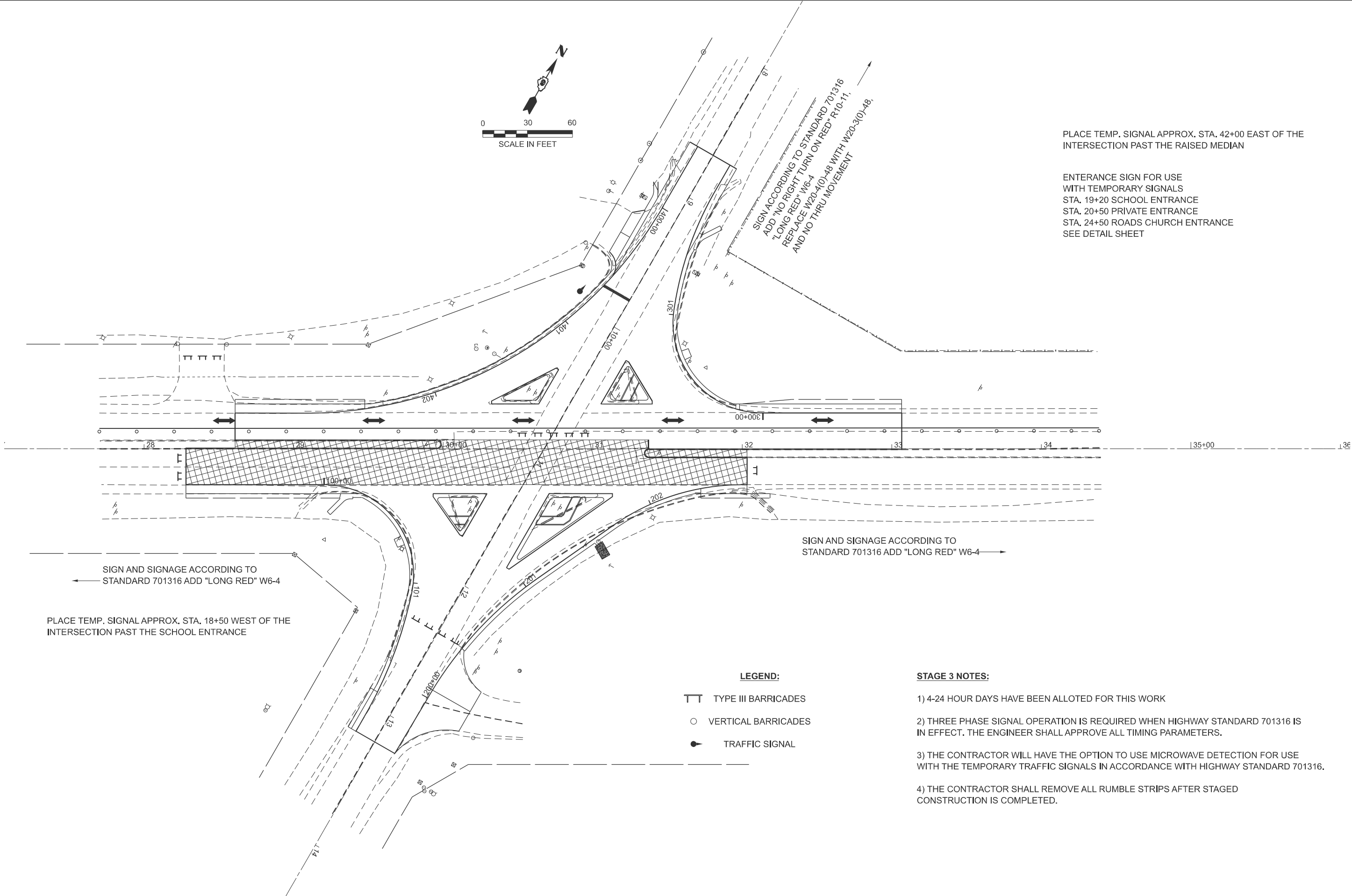
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2

SCALE: 1"=30' SHEET A002 OF 6 SHEETS STA. 27+00.00 TO STA. 36+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	29
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: Stage 3 - Plan 1 [Sheet]
FILE NAME: c:\p\work\pilot\illinois.gov\tristen.reid@d0962689\0978A38-Sht-Stage 3.dgn



PLACE TEMP. SIGNAL APPROX. STA. 18+50 WEST OF THE INTERSECTION PAST THE SCHOOL ENTRANCE

SIGN AND SIGNAGE ACCORDING TO STANDARD 701316 ADD "LONG RED" W6-4

SIGN AND SIGNAGE ACCORDING TO STANDARD 701316 ADD "LONG RED" W6-4

LEGEND:

- TYPE III BARRICADES
- VERTICAL BARRICADES
- TRAFFIC SIGNAL

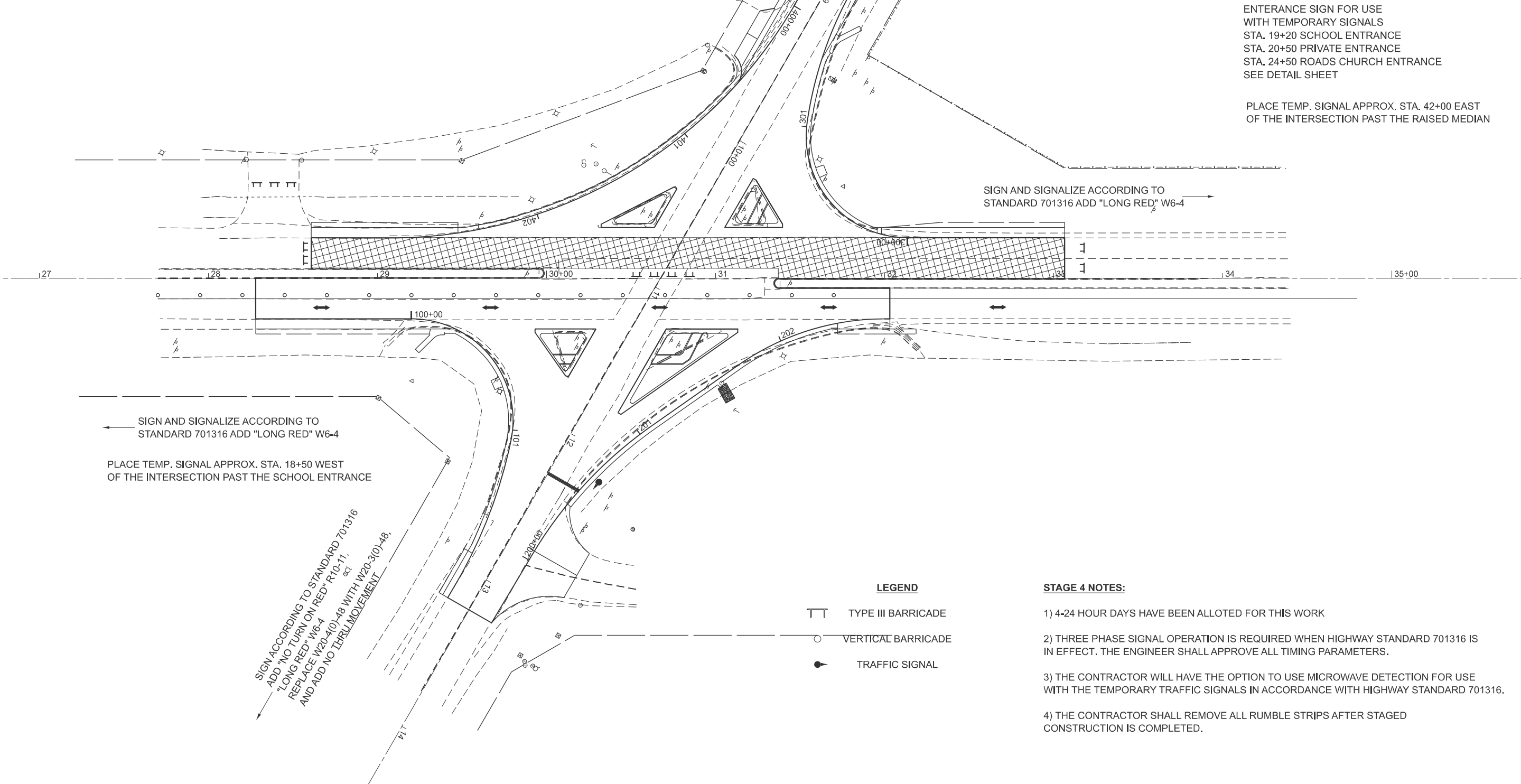
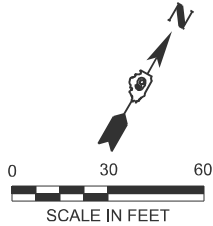
STAGE 3 NOTES:

- 1) 4-24 HOUR DAYS HAVE BEEN ALLOTTED FOR THIS WORK
- 2) THREE PHASE SIGNAL OPERATION IS REQUIRED WHEN HIGHWAY STANDARD 701316 IS IN EFFECT. THE ENGINEER SHALL APPROVE ALL TIMING PARAMETERS.
- 3) THE CONTRACTOR WILL HAVE THE OPTION TO USE MICROWAVE DETECTION FOR USE WITH THE TEMPORARY TRAFFIC SIGNALS IN ACCORDANCE WITH HIGHWAY STANDARD 701316.
- 4) THE CONTRACTOR SHALL REMOVE ALL RUMBLE STRIPS AFTER STAGED CONSTRUCTION IS COMPLETED.

PLACE TEMP. SIGNAL APPROX. STA. 42+00 EAST OF THE INTERSECTION PAST THE RAISED MEDIAN

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS
STA. 19+20 SCHOOL ENTRANCE
STA. 20+50 PRIVATE ENTRANCE
STA. 24+50 ROADS CHURCH ENTRANCE
SEE DETAIL SHEET

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				STAGE 3				F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = tristen.reid				DESIGNED -				*	(28-3,109,109-1,110)N-1	WHITE	98	30
DRAWN -				REVISED -				CONTRACT NO. 78A38				
CHECKED -				REVISED -				ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/2/2024				DATE -				SCALE: 1"=30'				
REVISED -				REVISED -				SHEET A003 OF 6 SHEETS STA. 27+06.51 TO STA. 36+06.51				



- LEGEND**
- TYPE III BARRICADE
 - VERTICAL BARRICADE
 - TRAFFIC SIGNAL

- STAGE 4 NOTES:**
- 1) 4-24 HOUR DAYS HAVE BEEN ALLOTTED FOR THIS WORK
 - 2) THREE PHASE SIGNAL OPERATION IS REQUIRED WHEN HIGHWAY STANDARD 701316 IS IN EFFECT. THE ENGINEER SHALL APPROVE ALL TIMING PARAMETERS.
 - 3) THE CONTRACTOR WILL HAVE THE OPTION TO USE MICROWAVE DETECTION FOR USE WITH THE TEMPORARY TRAFFIC SIGNALS IN ACCORDANCE WITH HIGHWAY STANDARD 701316.
 - 4) THE CONTRACTOR SHALL REMOVE ALL RUMBLE STRIPS AFTER STAGED CONSTRUCTION IS COMPLETED.

MODEL: Stage 4 - Plan 1 (Sheet)
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USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 4			
SCALE: 1"=30'	SHEET A004 OF 6 SHEETS	STA. 26+78.71	TO STA. 35+78.71

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

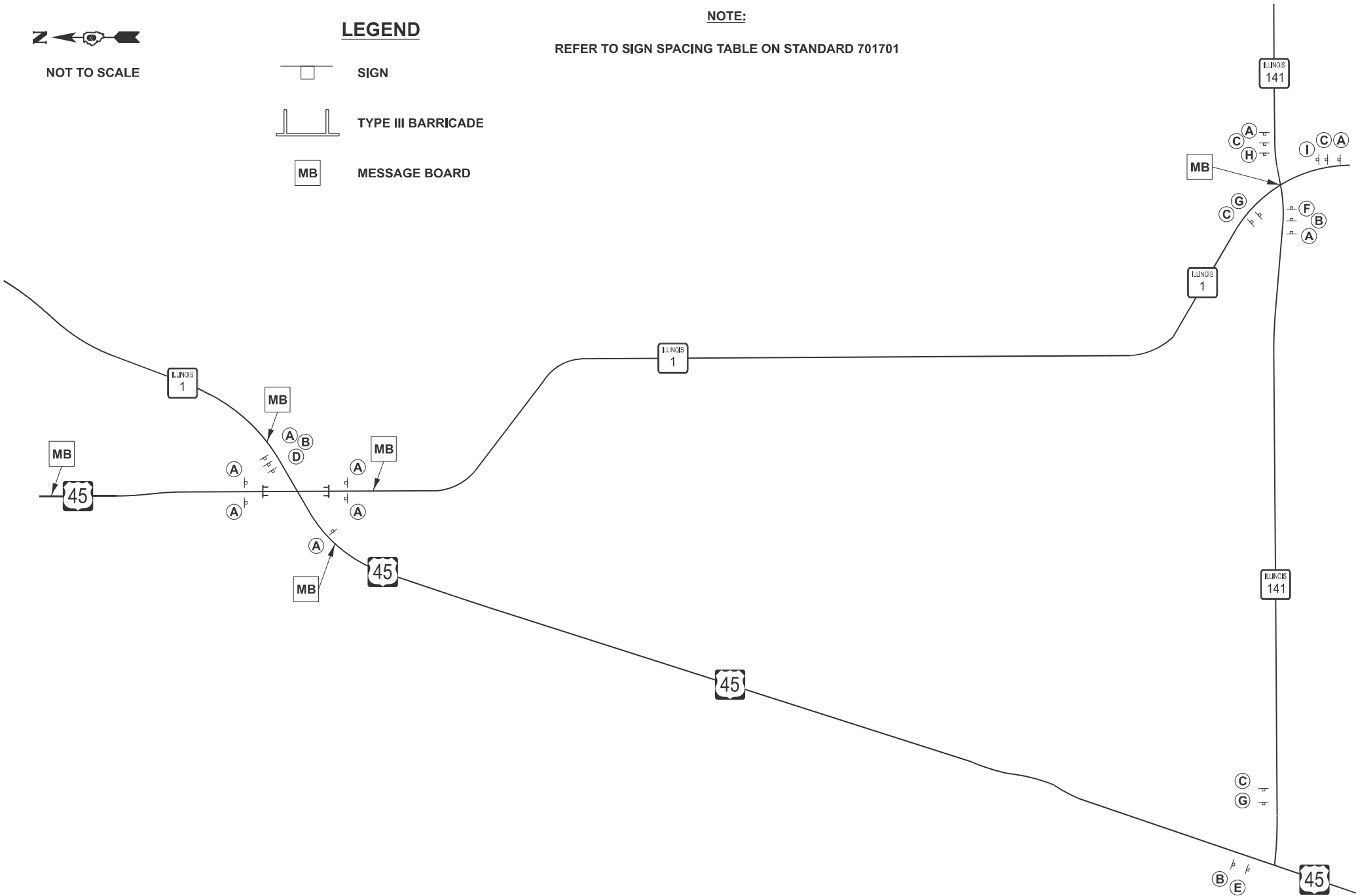
NOT TO SCALE

LEGEND

-  SIGN
-  TYPE III BARRICADE
-  MESSAGE BOARD

NOTE:

REFER TO SIGN SPACING TABLE ON STANDARD 701701



MODEL: Detour - Detour 1 [Sheet]
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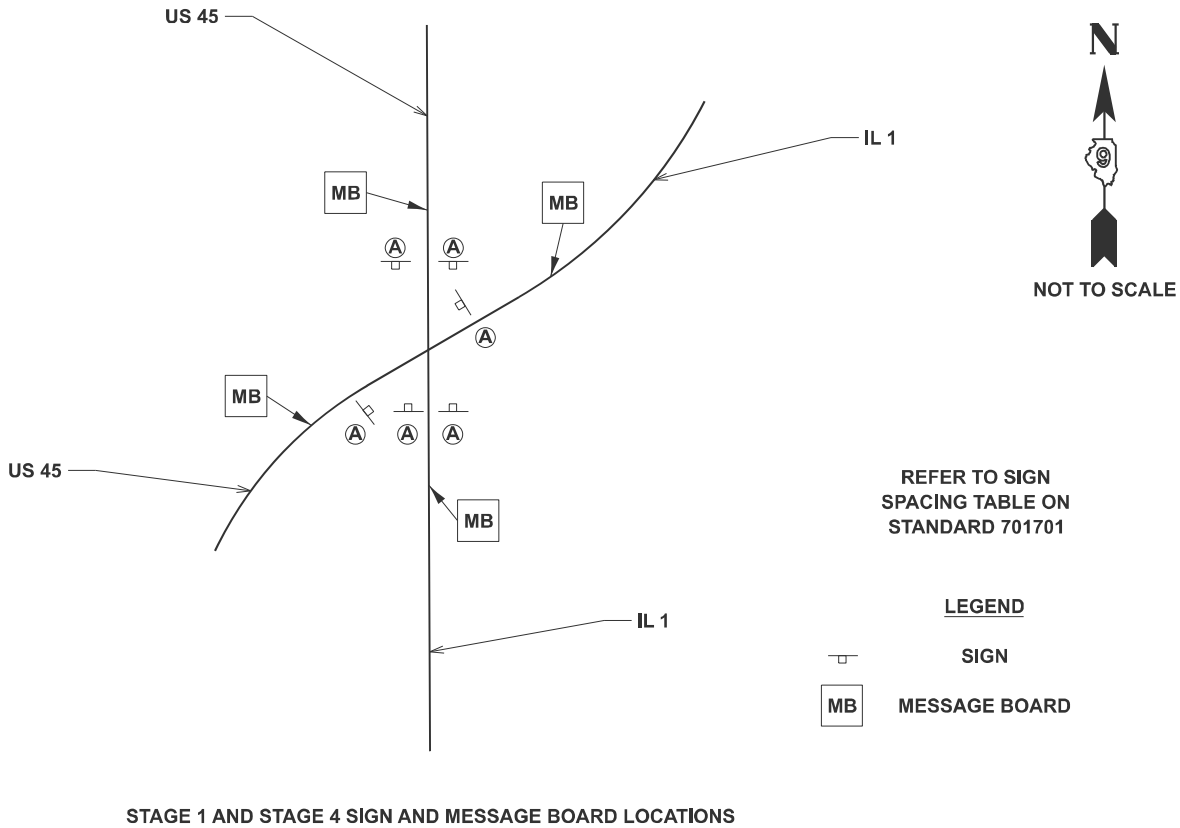
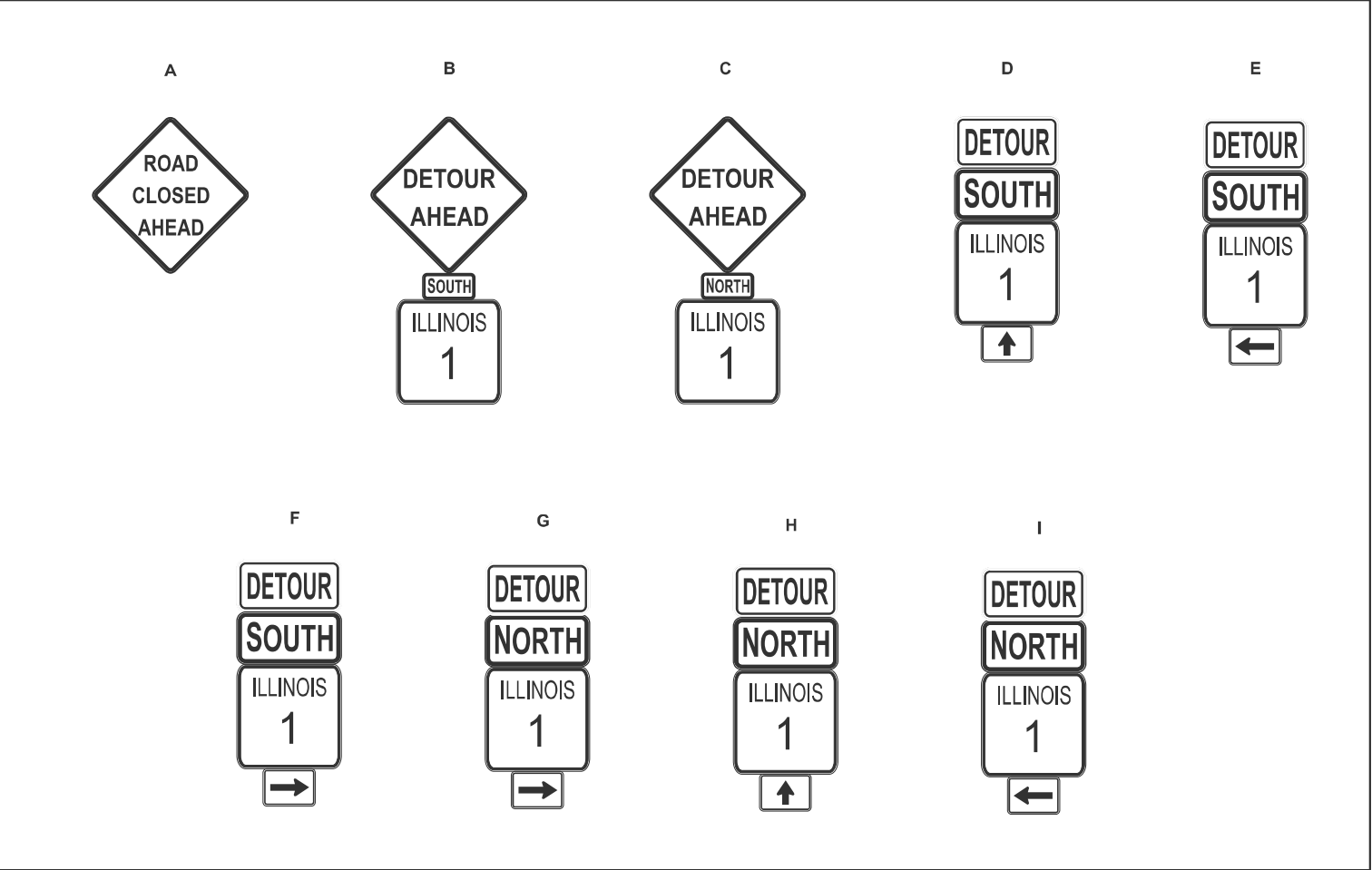
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SHEET
STAGE 2 AND 3

SCALE: 1"=50' SHEET A005 OF 6 SHEETS STA. 1+27.93 TO STA. 16+27.93

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	32
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782



STAGE 1 & STAGE 4	MESSAGE BOARD INFORMATION		STAGE 2 & STAGE 3	
	US 45 NORTH	IL 1 SOUTH		
	WILL BE CLOSED	WILL BE CLOSED		2 WEEKS PRIOR
	AT IL 1	AT US 45		
	DATE XX TO DATE XX	DATE XX TO DATE XX		
	US 45 NORTH CLOSED	IL 1 SOUTH CLOSED		
	AT IL 1	AT US 45		DURING CONSTRUCTION
	USE DETOUR	USE DETOUR		

MODEL: Detour Signage 20 scale (Sheet)
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS: SIGNS, MESSAGE BOARD INFO

SCALE: SHEET A006 OF 6 SHEETS STA. TO STA.

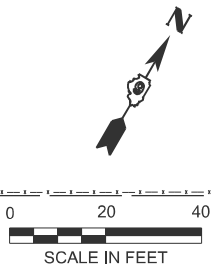
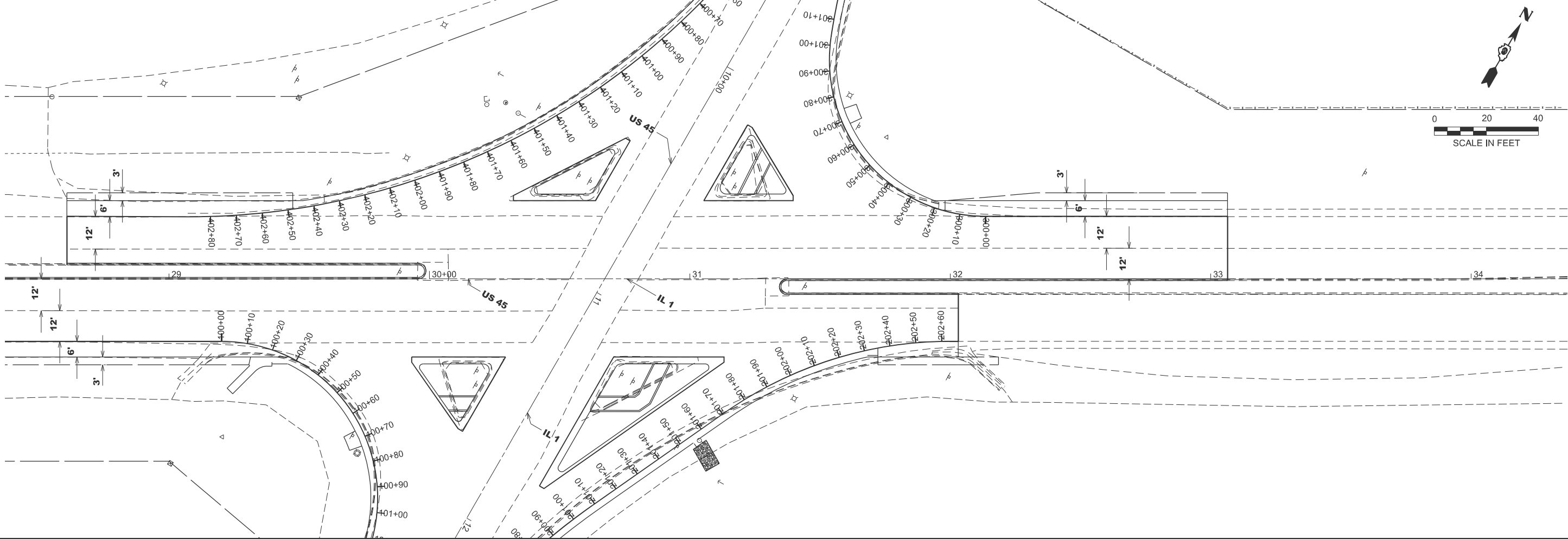
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	33
CONTRACT NO. 78A38				
ILLINOIS		FED. AID PROJECT		

NW RADIUS (US 45/IL 1)

STATIONING ALONG NW RADIUS	PROPOSED SW RADIUS ELEV.	STATIONING ALONG NORTH US 45	OFFSET RT. FROM NORTH US 45	STATIONING ALONG WEST US 45	OFFSET FROM WEST US 45
400+00	427.758	9+14.9	12		
400+10	427.876	9+24.9	12.235		
400+20	427.994	9+34.9	12.828		
400+30	428.111	9+44.8	13.78		
400+40	428.229	9+54.9	15.118		
400+50	428.347	9+64.4	17.118		
400+60	428.464	9+74.4	18.783		
400+70	428.583	9+84.1	21.158		
400+80	428.7	9+93.7	23.883		
400+90	428.815	10+03.3	26.953		
401+00	428.92	10+12.7	30.365		
401+10	429.016	10+21.9	34.114		
401+20	429.102	10+31.1	38.195		
401+30	429.178	10+40	42.603		
401+40	429.245	10+48.7	47.257		
401+50	429.3	10+57.5	52.376		
401+60	429.348	10+65.9	57.728	30+31.4	53.176
401+70	429.385	10+74.2	63.382	30+22.3	48.857
401+80	429.413			30+13.2	44.867
401+90	429.43			30+03.9	41.21
402+00	429.438			29+94.4	37.891
402+10	429.436			29+84.9	34.915
402+20	429.424			29+75.2	32.286
402+30	429.402			29+65.5	30.007
402+40	429.373			29+55.7	28.081
402+50	429.344			29+45.8	26.51
402+60	429.315			29+35.9	25.297
402+70	429.286			29+25.9	24.443
402+80	429.257			29+15.9	23.949
402+29	429.231			29+07.3	23.813

NE RADIUS (US 45/IL 1)

STATIONING ALONG NE RADIUS	PROPOSED NE RADIUS ELEV.	STATIONING ALONG IL 1	OFFSET RT. FROM IL 1	STATIONING ALONG US 45	OFFSET FROM US 45
300+00	429.495	32+13.6	24		
300+10	429.385	32+03.7	24.831		
300+20	429.275	31+94.0	27.303		
300+30	429.16	31+84.8	31.345		
300+40	429.054	31+76.5	36.847		
300+50	428.944	31+69.2	43.655		
300+60	428.834	31+63.1	51.582		
300+70	428.723	31+58.4	60.407	9+96.2	48.736
300+80	428.613	31+55.3	69.886	9+89.5	41.272
300+90	428.503			9+81.7	35.012
301+00	428.393			9+73	30.121
301+10	428.282			9+64.7	26.826
301+20	428.172			9+54.3	23.27
301+30	428.062			9+44.6	20.496
301+40	427.952			9+34.9	18.152
301+50	427.841			9+25.1	16.242
301+60	427.731			9+15.2	14.77
301+70	427.621			9+05.3	13.739
301+80	427.51			8+95.3	13.151
301+88	427.42			8+87.1	13



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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/2/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRICS SHEET

SCALE: 1"=20' SHEET A001 OF 2 SHEETS STA. 0+00.00 TO STA. 6+00.00

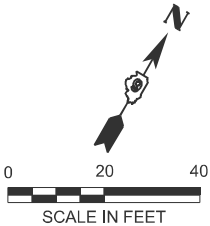
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CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: Geometrics Sheets - Geometrics 2 [Sheet]
FILE NAME: c:\p\work\pwwid\illinois.gov\tristen.reid@illinois.gov\1978A38-S110-Geometrics.dgn

SW RADIUS (US 45/IL 1)					
STATIONING ALONG SW RADIUS	PROPOSED SW RADIUS ELEV.	STATIONING ALONG US 45	OFFSET RT. FROM US 45	STATIONING ALONG IL 1	OFFSET FROM IL 1
100+00	429.327	29+20.2	24		
100+10	429.441	29+30	24.831		
100+20	429.555	29+39.8	27.303		
100+30	429.669	29+48.9	31.345		
100+40	429.782	29+57.3	34.847		
100+50	429.896	29+64.6	43.655		
100+60	430.01	29+70.7	51.582	11+87	57.965
100+70	430.124	29+75.3	60.407	11+92.3	49.503
100+80	430.238			11+98.9	430.238
100+90	430.352			12+06.7	35.778
101+00	430.465			12+15.4	30.896
101+10	430.579			12+24.8	27.454
101+20	430.693			12+34.1	24.619
101+30	430.807			12+44.1	22.127
101+40	430.921			12+53.9	19.983
101+50	431.035			12+63.7	18.189
101+60	431.148			12+73.6	16.748
101+70	431.262			12+83.5	15.661
101+80	431.376			12+93.5	14.929
101+90	431.49			13+03.5	14.554
101+95.5	431.553			13+09	14.5

SE RADIUS (IL 1)					
STATIONING ALONG SE RADIUS	PROPOSED SE RADIUS ELEV.	STATIONING ALONG SOUTH IL 1	OFFSET RT. FROM SOUTH IL 1	STATIONING ALONG EAST IL 1	OFFSET FROM EAST IL 1
200+00	431.302	12+77.2	16		
200+10	431.152	12+67.2	16.2		
200+20	431.002	12+57.2	16.8		
200+30	430.852	12+47.3	17.798		
200+40	430.702	12+37.4	19.193		
200+50	430.552	12+27.6	20.983		
200+60	430.402	12+17.8	23.166		
200+70	430.252	12+08.1	25.736		
200+80	430.102	11+98.6	28.691		
200+90	429.952	11+89.2	32.026		
201+00	429.802	11+79.9	35.735		
201+10	429.652	11+70.7	39.811		
201+20	429.502	11+61.7	44.037		
201+30	429.357	11+52.6	48.263		
201+40	429.253	11+43.5	52.489		
201+50	429.2	11+34.5	56.715	30+96.2	63.393
201+60	429.194	11+25.4	60.941	31+04.4	57.654
201+70	429.236			31+12.6	51.915
201+80	429.286			31+21	46.385
201+90	429.336			31+29.6	41.417
202+00	429.386			31+38.6	37.038
202+10	429.436			31+47.9	33.267
202+20	429.486			31+57.4	30.122
202+30	429.536			31+66.9	27.644
202+40	429.586			31+76.9	25.749
202+50	429.636			31+86.8	24.563
202+60	429.686			31+96.8	24.03
202+63	429.701			31+99.8	24



USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

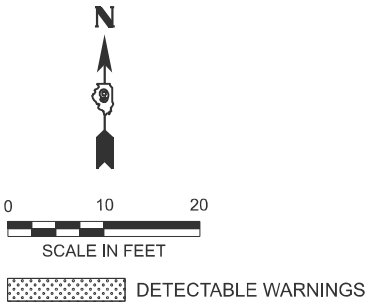
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRICS SHEET CONT.

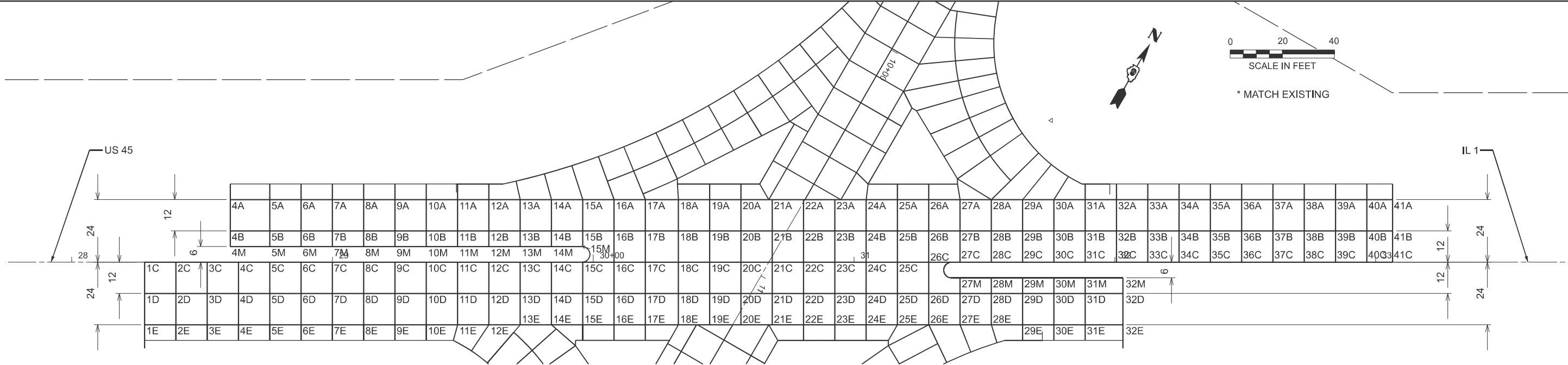
SCALE: 1"=20' SHEET A002 OF 2 SHEETS STA. 0+75.79 TO STA. 6+75.79

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	35
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782



MODEL: Joining F - Joining 1 (Sheet)
FILE NAME: c:\p\work\pwt\illroads.gov_tristen.reid\978A38-SJH-D-Point_Elevation.dgn



JOINT A		
	STATION	ELEVATION
4	28+60.8	*
5	28+76	429.06
6	28+88	429.12
7	29+00	429.18
8	29+12	429.24
9	29+24	429.29
10	29+36	429.34
11	29+48	429.38
12	29+60	429.42
13	29+72	429.46
14	29+84	429.49
15	29+96	429.52
16	30+08	429.55
17	30+20	429.58
18	30+32.7	429.60
19	30+44.7	429.62
20	30+56.7	429.63
21	30+68.7	429.64
22	30+80.7	429.65
23	30+92.7	429.65
24	31+04.7	429.65
25	31+16.7	429.65
26	31+28.7	429.64
27	31+40.7	429.63
28	31+52.7	429.65
29	31.64.7	429.63
30	31+76.7	429.58
31	31+88.7	429.56
32	32+00.7	429.53
33	32+12.7	429.50
34	32+24.7	429.45
35	32+36.7	429.41
36	32+48.7	429.37
37	32+60.7	429.33
38	32+72.7	429.28
39	32+84.7	429.24
40	32+96.7	429.20
41	33+06.5	*

JOINT B		
	STATION	ELEVATION
4	28+60.8	*
5	28+76	429.17
6	28+88	429.23
7	29+00	429.29
8	29+12	429.34
9	29+24	429.40
10	29+36	429.44
11	29+48	429.49
12	29+60	429.53
13	29+72	429.57
14	29+84	429.61
15	29+96	429.64
16	30+08	429.65
17	30+20	429.69
18	30+32.7	429.72
19	30+44.7	429.73
20	30+56.7	429.75
21	30+68.7	429.76
22	30+80.7	429.77
23	30+92.7	429.77
24	31+04.7	429.78
25	31+16.7	429.77
26	31+28.7	429.77
27	31+40.7	429.76
28	31+52.7	429.75
29	31.64.7	429.73
30	31+76.7	429.72
31	31+88.7	429.69
32	32+00.7	429.67
33	32+12.7	429.63
34	32+24.7	429.59
35	32+36.7	429.55
36	32+48.7	429.51
37	32+60.7	429.47
38	32+72.7	429.42
39	32+84.7	429.38
40	32+96.7	429.34
41	33+06.5	*

JOINT C		
	STATION	ELEVATION
1	28+28	*
2	28+40	428.89
3	28+52	428.97
4	28+64	429.05
5	28+76	429.12
6	28+88	429.19
7	29+00	429.26
8	29+12	429.32
9	29+24	429.38
10	29+36	429.44
11	29+48	429.49
12	29+60	429.54
13	29+72	429.58
14	29+84	429.62
15	29+96	429.66
16	30+08	429.69
17	30+20	429.73
18	30+32.7	429.75
19	30+44.7	429.78
20	30+56.7	429.80
21	30+68.7	429.81
22	30+80.7	429.83
23	30+92.7	429.84
24	31+04.7	429.84
25	31+16.7	429.84
26	31+28.7	429.84
27	31+40.7	429.84
28	31+52.7	429.83
29	31.64.7	429.82
30	31+76.7	429.80
31	31+88.7	429.78
32	32+00.7	429.76
33	32+12.7	429.72
34	32+24.7	429.68
35	32+36.7	429.64
36	32+48.7	429.61
37	32+60.7	429.57
38	32+72.7	429.53
39	32+84.7	429.49
40	32+96.7	429.45
41	33+06.5	*

JOINT D		
	STATION	ELEVATION
1	28+28	*
2	28+40	428.844
3	28+52	428.942
4	28+64	429.038
5	28+76	429.128
6	28+88	429.212
7	29+00	429.294
8	29+12	429.369
9	29+24	429.441
10	29+36	429.507
11	29+48	429.569
12	29+60	429.625
13	29+72	429.677
14	29+84	429.726
15	29+96	429.769
16	30+08	429.807
17	30+20	429.842
18	30+32.7	429.872
19	30+44.7	429.896
20	30+56.7	429.916
21	30+68.7	429.93
22	30+80.7	429.94
23	30+92.7	429.945
24	31+04.7	429.946
25	31+16.7	429.943
26	31+28.7	429.932
27	31+40.7	429.92
28	31+52.7	429.902
29	31.64.7	429.878
30	31+76.7	429.852
31	31+88.7	429.82
32	32+00.7	*

JOINT E		
	STATION	ELEVATION
1	28+28	*
2	28+40	428.686
3	28+52	428.782
4	28+64	428.878
5	28+76	428.974
6	28+88	429.07
7	29+00	429.167
8	29+12	429.262
9	29+24	429.358
10	29+36	429.454
11	29+48	429.549
12	29+60	429.635
13	29+72	429.71
14	29+84	429.779
15	29+96	429.834
16	30+08	429.878
17	30+20	429.914
18	30+32.7	429.938
19	30+44.7	429.956
20	30+56.7	429.973
21	30+68.7	429.983
22	30+80.7	429.986
23	30+92.7	429.983
24	31+04.7	429.971
25	31+16.7	429.953
26	31+28.7	429.923
27	31+40.7	429.891
28	31+52.7	429.855
29	31.64.7	429.819
30	31+76.7	429.783
31	31+88.7	429.747
32	32+00.7	*

JOINT M		
	STATION	ELEVATION
4	28+60.8	*
5	28+76	429.15
6	28+88	429.21
7	29+00	429.27
8	29+12	429.33
9	29+24	429.39
10	29+36	429.44
11	29+48	429.49
12	29+60	429.53
13	29+72	429.58
14	29+84	429.62
15	29+96	429.65
27	31+40.7	429.88
28	31+52.7	429.87
29	31.64.7	429.84
30	31+76.7	429.83
31	31+88.7	429.80
32	32+00.7	*

	USER NAME = tristen.reid	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/4/2024	DATE -	REVISED -

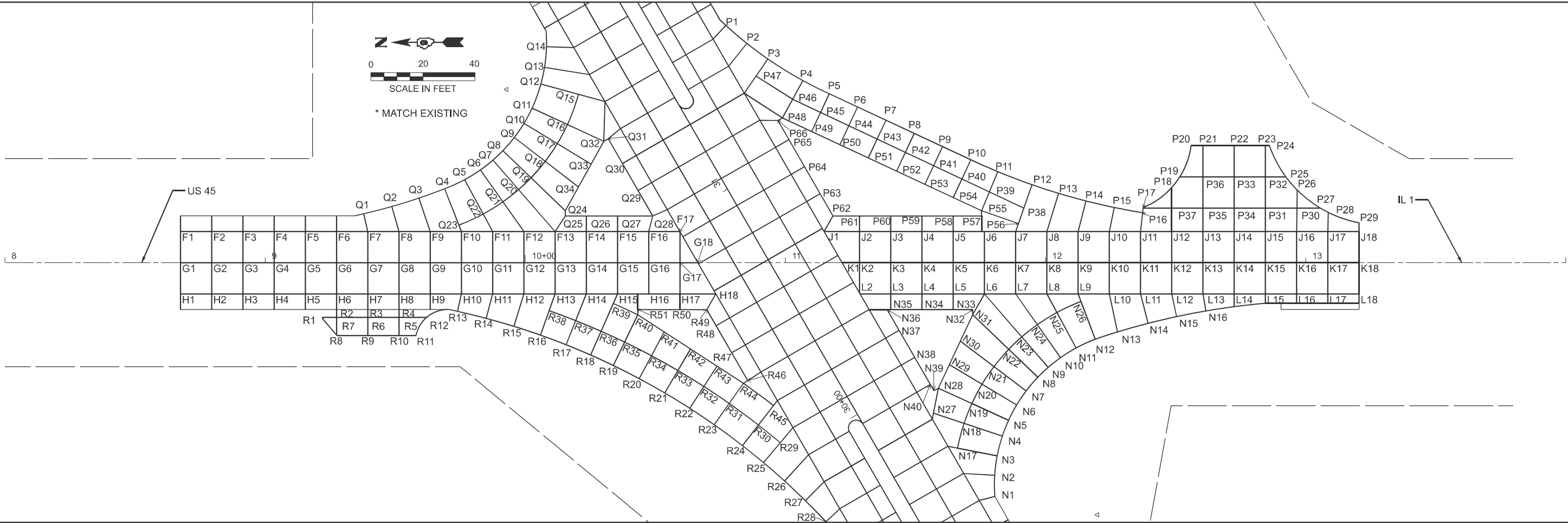
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING SHEET

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 27+74.48 TO STA. 33+74.48

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	37
CONTRACT NO. 78A38				
		ILLINOIS	FED. AID PROJECT	

MODEL: Joining F - Joining 2 [Sheet]
FILE NAME: c:\p\work\pwr\illinois.gov_tristen.reid\Illinois.gov_78A38-Shld-Point_Elevation.dgn



JOINT F		
	STATION	ELEVATION
1	8+67.4	*
2	8+79.4	427.335
3	8+91.4	427.485
4	9+03.4	427.645
5	9+15.4	427.795
6	9+27.4	427.945
7	9+39.4	428.095
8	9+51.4	428.245
9	9+63.4	428.395
10	9+75.4	428.545
11	9+87.4	428.695
12	9+99.4	428.845
13	10+11.4	428.994
14	10+23.4	429.163
15	10+35.4	429.333
16	10+47.4	429.5
17	10+59.4	429.644

JOINT G		
	STATION	ELEVATION
1	8+67.4	*
2	8+79.4	427.517
3	8+91.4	427.706
4	9+03.4	427.885
5	9+15.4	428.036
6	9+27.4	428.186
7	9+39.4	428.337
8	9+51.4	428.488
9	9+63.4	428.639
10	9+75.4	428.79
11	9+87.4	428.941
12	9+99.4	429.084
13	10+11.4	429.192
14	10+23.4	429.298
15	10+35.4	429.405
16	10+47.4	429.51
17	10+59.4	429.597
18	10+66.3	429.09

JOINT H		
	STATION	ELEVATION
1	8+67.4	*
2	8+79.4	427.337
3	8+91.4	427.479
4	9+03.4	427.622
5	9+15.4	427.765
6	9+27.4	427.908
7	9+39.4	428.05
8	9+51.4	428.192
9	9+63.4	428.335
10	9+75.4	428.477
11	9+87.4	428.62
12	9+99.4	428.762
13	10+11.4	428.905
14	10+23.4	429.047
15	10+35.4	429.19
16	10+47.4	429.332
17	10+59.4	429.475
18	10+73.2	429.638

JOINT J		
	STATION	ELEVATION
1	11+14.8	429.982
2	11+28.5	430.092
3	11+40.5	430.201
4	11+52.5	430.295
5	11+64.5	430.389
6	11+76.5	430.483
7	11+88.5	430.579
8	12+00.5	430.675
9	12+12.5	430.771
10	12+24.5	430.866
11	12+36.5	430.961
12	12+48.5	431.056
13	12+60.5	431.15
14	12+72.5	431.243
15	12+84.5	431.337
16	12+96.5	431.43
17	13+08.5	431.524
18	13+20.5	*

JOINT K		
	STATION	ELEVATION
1	11+21.7	429.969
2	11+28.5	430.052
3	11+40.5	430.189
4	11+52.5	430.326
5	11+64.5	430.463
6	11+76.5	430.599
7	11+88.5	430.728
8	12+00.5	430.849
9	12+12.5	430.965
10	12+24.5	431.076
11	12+36.5	431.183
12	12+48.5	431.285
13	12+60.5	431.382
14	12+72.5	431.475
15	12+84.5	431.563
16	12+96.5	431.646
17	13+08.5	431.724
18	13+20.5	*

JOINT L		
	STATION	ELEVATION
2	11+28.5	430.0
3	11+40.5	430.1
4	11+52.5	430.2
5	11+64.5	430.3
6	11+76.5	430.4
7	11+88.5	430.5
8	12+00.5	430.6
9	12+12.5	430.7
10	12+24.5	430.8
11	12+36.5	430.9
12	12+48.5	431.0
13	12+60.5	431.1
14	12+72.5	431.2
15	12+84.5	431.3
16	12+96.5	431.4
17	13+08.5	431.5
18	13+20.5	*

PLOT DATE = 12/4/2024	USER NAME = tristen.reid	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING SHEET CONT.

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. A 8+00.00 TO STA. A 14+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	38
CONTRACT NO. 78A38				
ILLINOIS FED.AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: Untitled [Sheet]
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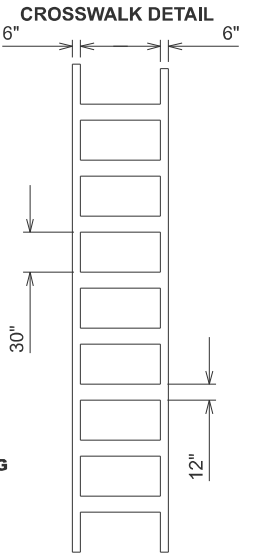
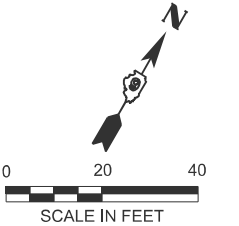
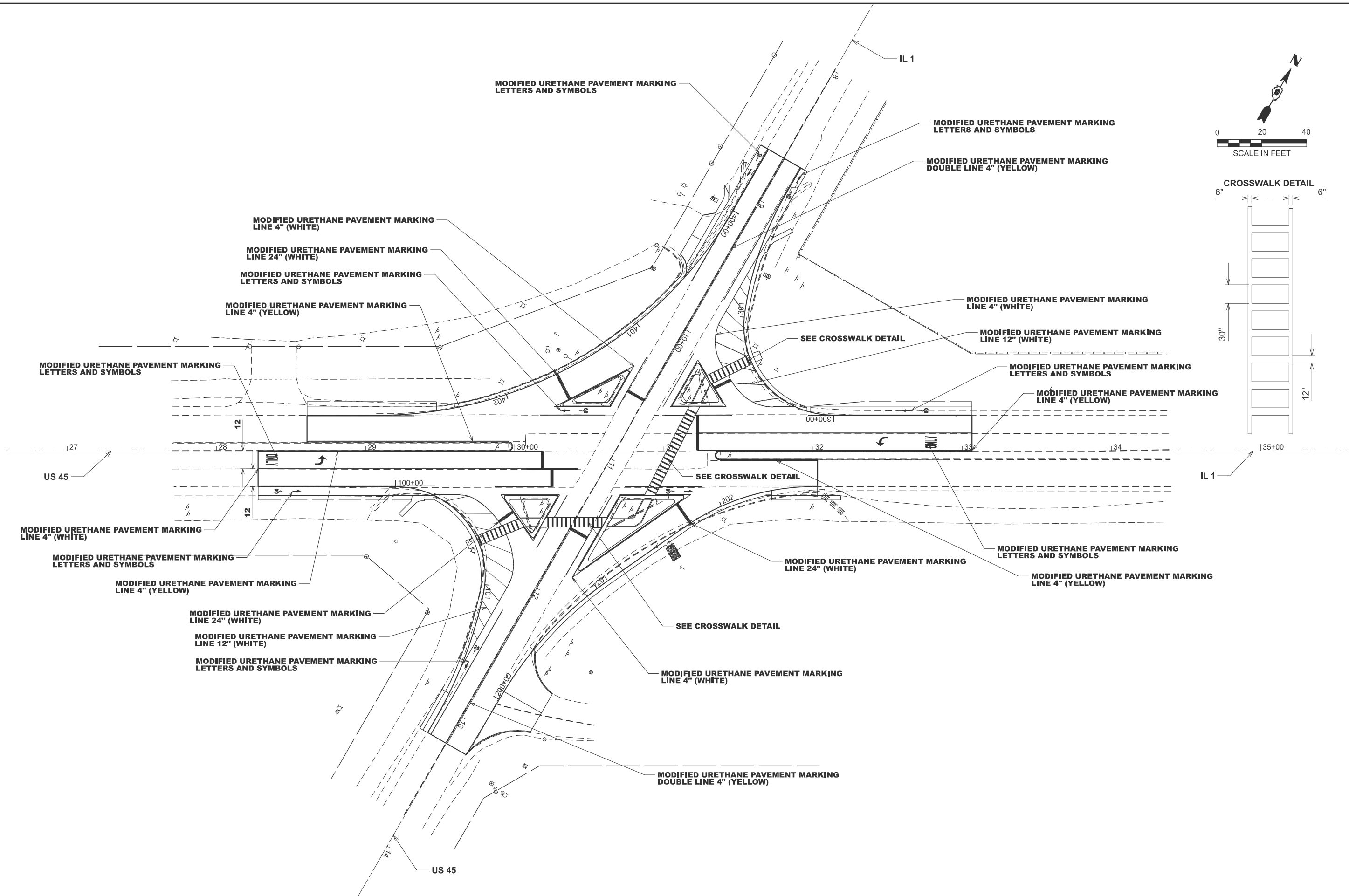
SOUTH-WEST RADIUS				
JOINT N				
	STATION	OFFSET US45	OFFSET IL 1	ELEVATION
1	29+46.3	30.00		429.53
2	29+53.4	34.02		429.59
3	29+59.4	38.60		429.65
4	29+65.0	44.12		429.71
5	29+69.1	49.20		429.76
6	29+72.6	54.84		429.81
7	29+75.5	60.70		429.86
8	11+97.0		44.00	429.92
9	12+01.0		40.20	429.98
10	12+05.7		36.47	430.04
11	12+11.7		32.75	430.11
12	12+19.1		29.39	430.21
13	12+27.6		26.59	430.32
14	12+39.4		23.30	430.49
15	12+50.3		20.72	430.65
16	12+61.6		18.54	430.83
16A	12+72.5		16.89	430.99
16B	12+84.5		15.58	431.18
16C	12+96.5		15.58	431.32
16D	13+08.5		15.58	431.50
16E	13+20.5		15.58	*
17	29+69.5	26.87		429.70
18	29+76.6	33.81		429.75
19	29+81.7	40.21		429.74
20	29+86.2	47.31		429.84
21	29+89.7	54.68		429.94
22	11+85.8		33.28	430.04
23	11+90.8		28.50	430.15
24	11+96.8		23.80	430.27
25	12+04.3		19.13	430.43
26	12+13.6		14.90	430.61
27	29+85.8	25.58		429.80
28	29+93.2	32.00		429.73
29	29+99.0	40.19		429.88
30	30+04.7	48.38		430.02
31	11+71.9		20.00	430.18
32	11+71.9		18.00	430.21
33	11+64.5		18.00	430.15
34	11+52.5		18.00	430.04
35	11+40.5		18.00	429.93
36	30+29.3	30.00		429.92
37	30+20.0	30.00		429.86
38	30+08.0	30.00		429.79
39	29+93.2	30.00		429.70
40	29+96.0	30.00		429.70

SOUTH-EAST RADIUS				
JOINT P				
	STATION	OFFSET S. IL 1	OFFSET E. IL 1	ELEVATION
1	31+54.9		30.882	429.61
2	31+44.8		34.433	429.59
3	31+35.6		38.447	429.56
4	31+21.7		45.945	429.53
5	31+12.2		52.199	429.51
6	31+02.4		59.093	429.51
7	11+38.6	54.81		429.52
8	11+49.5	49.73		429.58
9	11+60.3	44.65		429.67
10	11+71.2	39.58		429.78
11	11+81.6	35.02		429.91
12	11+94.8	29.99		430.11
13	12+04.9	26.69		430.26
14	12+15.5	23.75		430.42
15	12+26.4	21.22		430.58
16	12+37.3	19.21		430.73
17	12+37.5	21.20		430.61
18	12+48.5	28.92		430.83
19	12+51.5	33.00		430.90
20	12+55.9	45.00		*
21	12+60.5	45.00		*
22	12+72.5	45.00		*
23	12+84.5	45.00		*
24	12+86.1	45.00		*
25	12+92.4	33.00		431.38
26	12+96.7	27.95		431.41
27	13+05.6	21.00		431.47
28	13+08.6	19.37		431.49
29	13+20.5	15.40		431.54
30	12+96.6	21.00		431.41
31	12+84.5	21.00		431.32
32	12+84.5	33.00		431.34
33	12+72.5	33.00		431.28
34	12+72.5	21.00		431.24
35	12+60.5	21.00		431.04
36	12+60.5	33.00		431.07
37	12+48.5	21.00		430.81
38	11+91.6	21.00		430.36
39	11+78.4	27.24		430.14
40	11+67.8	32.21		430.03
41	11+56.9	37.33		429.94
42	11+46.1	42.45		429.86
43	11+35.2	47.57		429.79
44	30+97.8		52.59	429.73
45	31+07.7		45.73	429.71
46	31+17.4		28.97	429.69
47	31+32.1		31.22	429.75
48	31+13.2		32.00	429.85
49	31+03.0		39.10	429.92
50	30+93.2		45.99	430.00
51	11+31.8	40.31		430.07
52	11+42.7	35.23		430.14
53	11+53.6	30.15		430.21
54	11+64.5	25.08		430.28
55	11+75.4	20.00		430.35
56	11+89.5	15.05		430.51
57	11+75.4	18.00		430.36
58	11+64.5	18.00		430.28
59	11+52.5	18.00		430.18
60	11+40.5	18.00		430.09
61	11+28.5	18.00		430.02
62	11+18.3	18.00		429.92
63	30+80.7		30.00	429.90
64	30+92.7		30.00	429.88
65	31+04.7		30.00	429.85
66	31+13.2		30.00	429.84

NORTH-EAST RADIUS				
JOINT Q				
	STATION	OFFSET IL 1	OFFSET US45	ELEVATION
1	9+37.8		18.81	427.98
2	9+48.7		21.61	428.11
3	9+59.1		24.84	428.23
4	9+69.0		28.45	428.35
5	9+76.7		31.94	428.44
6	9+82.7		35.69	428.51
7	9+87.5		39.46	428.58
8	9+91.4		43.11	428.64
9	9+95.7		48.15	428.72
10	31+61.0	55.13		428.79
11	31+64.5	49.48		428.86
12	31+70.9	41.89		428.97
13	31+75.7	37.49		429.04
14	31+82.2	32.89		429.13
15	31+60.2	32.37		429.37
16	31+52.3	40.85		429.17
17	31+47.9	47.92		429.92
18	10+07.6		39.00	428.93
19	10+02.3		32.81	428.80
20	9+97.4		28.15	428.75
21	9+91.4		23.43	428.68
22	9+83.8		18.74	428.60
23	9+74.5		14.48	428.50
24	10+15.4		20.00	429.00
25	10+15.4		18.00	428.97
26	10+23.4		18.00	429.10
27	10+35.4		18.00	429.30
28	10+49.0		18.00	429.53
29	31+16.7	30.00		429.53
30	31+28.7	30.00		429.52
31	31+39.7	30.00		429.51
32	31+39.7	32.00		429.48
33	31+34.5	40.59		429.32
34	10+20.4		29.16	429.16

NORTH-WEST RADIUS				
JOINT R				
	STATION	OFFSET N. US45	OFFSET W. US45	ELEVATION
1	9+22.0	21.50		427.76
2	9+27.4	18.00		427.83
3	9+39.4	18.00		428.01
4	9+51.4	18.00		428.16
5	9+51.4	21.00		428.09
6	9+39.4	21.00		427.96
7	9+27.4	21.00		427.83
8	9+27.6	28.00		*
9	9+39.4	28.00		*
10	9+51.4	28.00		*
11	9+58.0	28.00		*
12	9+62.0	21.00		428.20
13	9+73.9	18.68		428.46
14	9+84.9	21.37		428.59
15	9+95.6	24.44		428.72
16	10+05.8	27.85		428.84
17	10+15.7	31.54		428.95
18	10+25.1	35.48		429.05
19	10+33.8	39.50		429.13
20	10+43.8	44.56		429.21
21	10+53.6	50.06		429.28
22	30+34.2		54.64	429.33
23	30+24.1		49.66	429.38
24	30+11.8		44.28	429.42
25	30+02.0		40.52	429.43
26	29+91.9		37.05	429.44
27	29+81.3		33.89	429.43
28	29+70.4		31.10	429.41
29	30+05.4		31.12	429.50
30	30+15.9		34.14	429.50
31	30+28.3		40.60	429.42
32	30+38.8		45.75	429.36
33	10+58.7	41.43		429.30
34	10+48.5	35.73		429.23
35	10+38.1	30.49		429.15
36	10+29.1	26.33		429.10
37	10+19.4	22.25		429.00
38	10+09.2	18.42		428.88
39	10+33.8	15.67		429.17
40	10+43.2	20.00		429.18
41	10+53.4	26.58		429.25
42	10+63.5	33.16		429.32
43	30+43.1		38.50	429.39
44	30+32.3		32.00	429.16
45	30+19.1		26.24	429.56
46	30+32.3		30.00	429.48
47	30+44.7		30.00	429.50
48	30+56.7		30.00	429.51
49	10+69.8	18.00		429.67
50	10+59.4	18.00		429.36
51	10+43.2	18.00		429.162

MODEL: pavement markings - pavement marking [Sheet]
FILE NAME: c:\pav_work\pavtoillinois.gov_tristen\reid\978A38-SheetA-PavMkg.dgn



PLOT DATE = 12/3/2024	USER NAME = tristen.reid	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING			
SCALE: 1"=30'	SHEET A001	OF 1 SHEETS	STA. 26+59.11 TO STA. 35+59.11

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	40
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS



2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

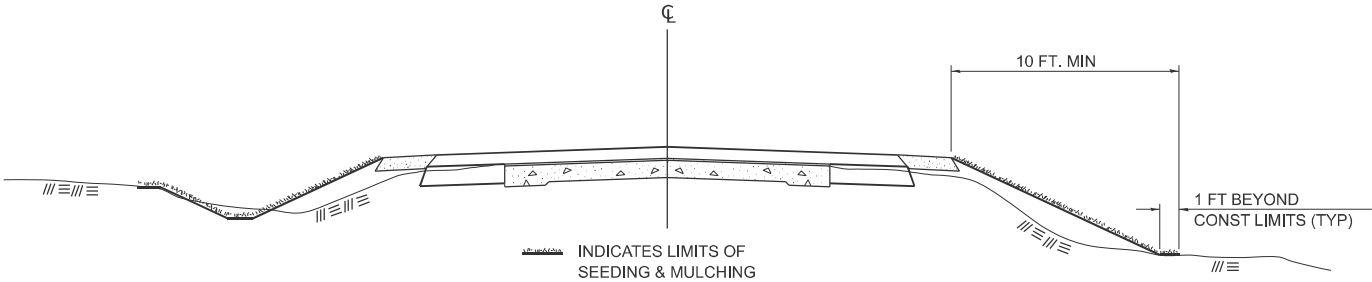
All dimensions are in inches unless otherwise noted.

DRAWN	3-2-16 D2
REVISED	03-12-24
REVISED	
REVISED	

STD. 9-34

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEEDING & MULCHING



GENERAL NOTES

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

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDING SHALL BE CLASS 7.

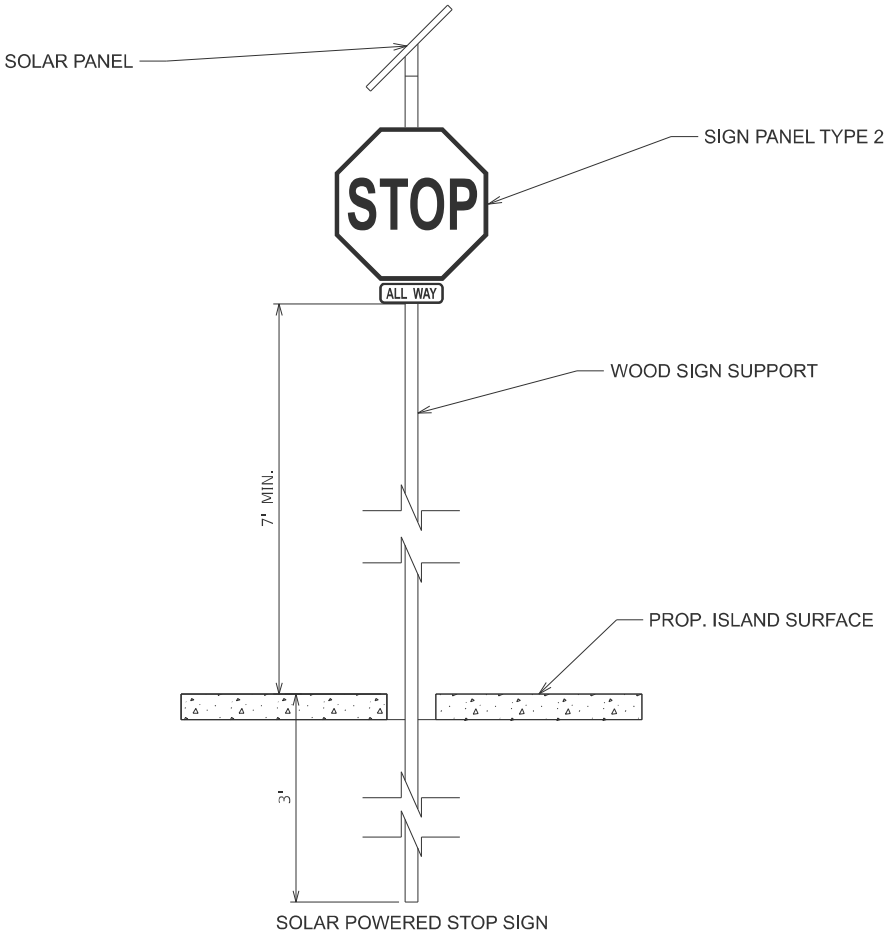
FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS. LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDING.

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

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

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-19



SOLAR POWERED STOP SIGN

MODEL: One Lane Flow Sign [Sheet]
FILE NAME: c:\pwworking\illinois.gov\tristen.reid\1978A38-SHS-DistrictStd.sgn

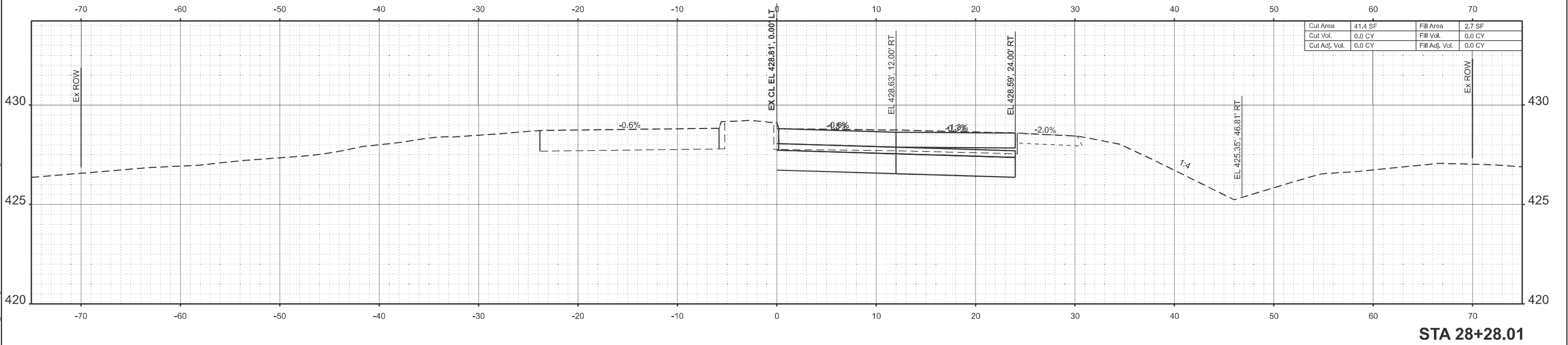
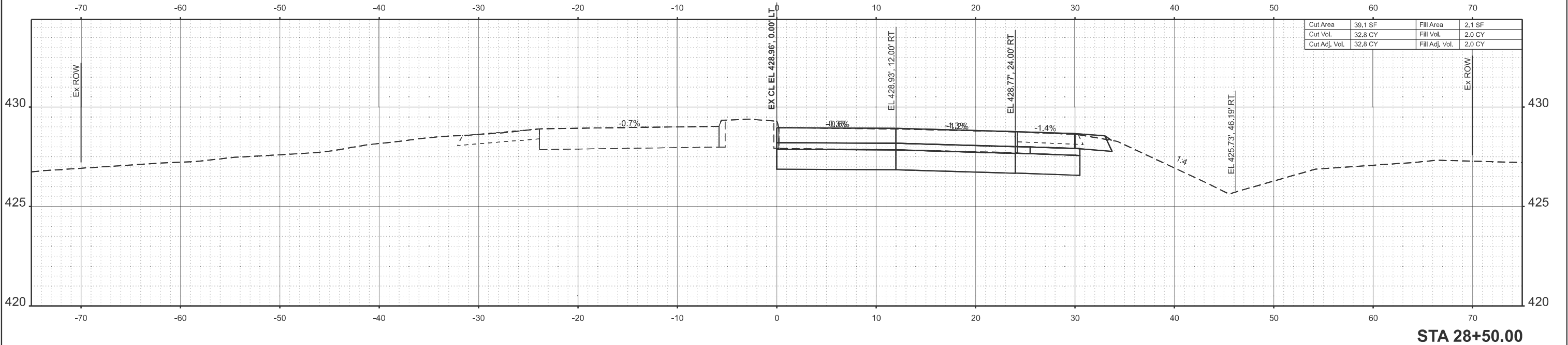
USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/5/2024	DATE -	REVISED -

DETAILS: CAUTION ONE LANE ROAD SIGN			
DETAILS: SEEDING AND MULCHING, SOLAR POWERED STOP SIGN			
SCALE:	SHEET A001	OF 1 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	41
		CONTRACT NO. 78A38		
		ILLINOIS FED. AID PROJECT		

FAP 332/FAP 328/FAP 782

MODEL: W-E-28+28.01 [Sheet]
FILE NAME: c:\p\work\pilot\illinois.gov_tristen.reid@d979a38-S\UX-XSection.dgn



USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

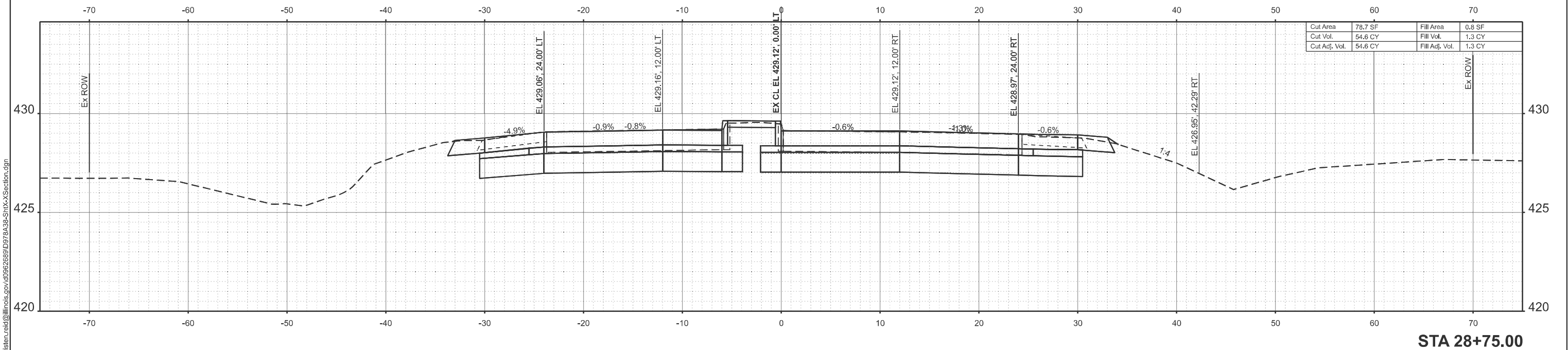
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W-E US45/IL1 CROSS SECTIONS

SCALE: SHEET 1 OF 57 SHEETS STA. TO STA.

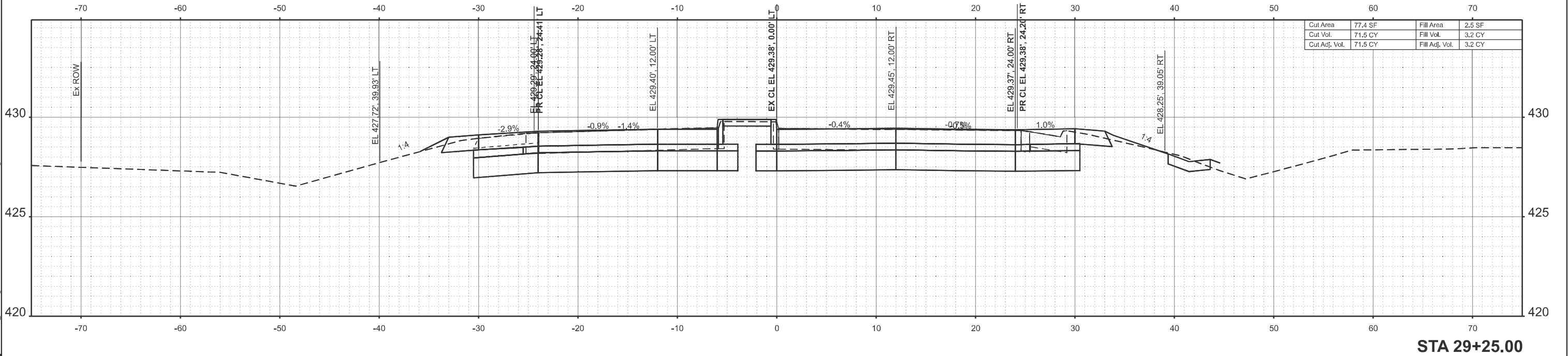
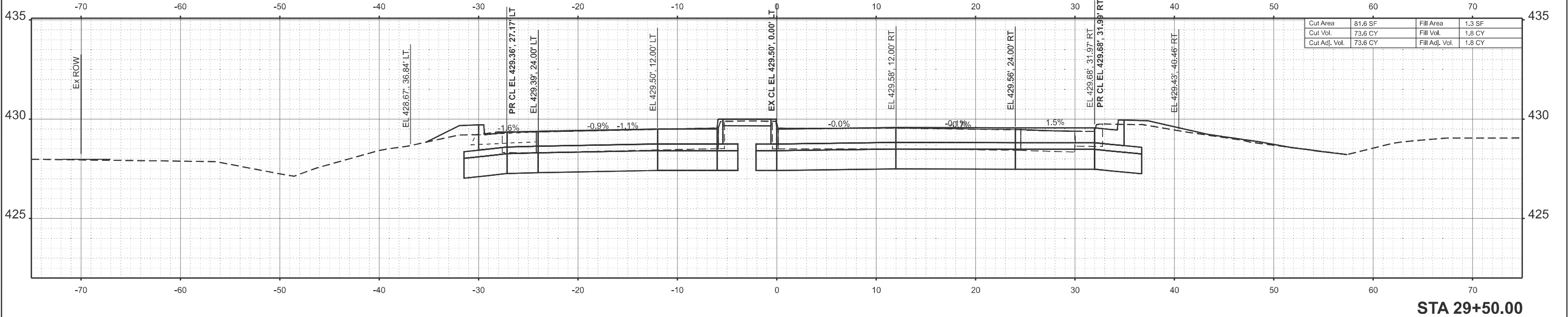
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	42
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: W-E-28+75.00 [Sheet]
FILE NAME: c:\pwwork\pwwork\illinois.gov_tristen.reid\1978A38-SJUX-XSection.dgn



	USER NAME = tristen.reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	W-E US45/IL1 CROSS SECTIONS			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	43
		CHECKED -	REVISED -		SCALE: SHEET 2 OF 57 SHEETS STA. TO STA.			CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

MODEL: W-E - 29+25.00 [Sheet]
FILE NAME: c:\pwwork\pwwork\illinois.gov_tristen.reid\Illinois.gov\40962689\1979A38-SJUX-XSection.dgn



	USER NAME = tristen.reid	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/3/2024	DATE -	REVISED -

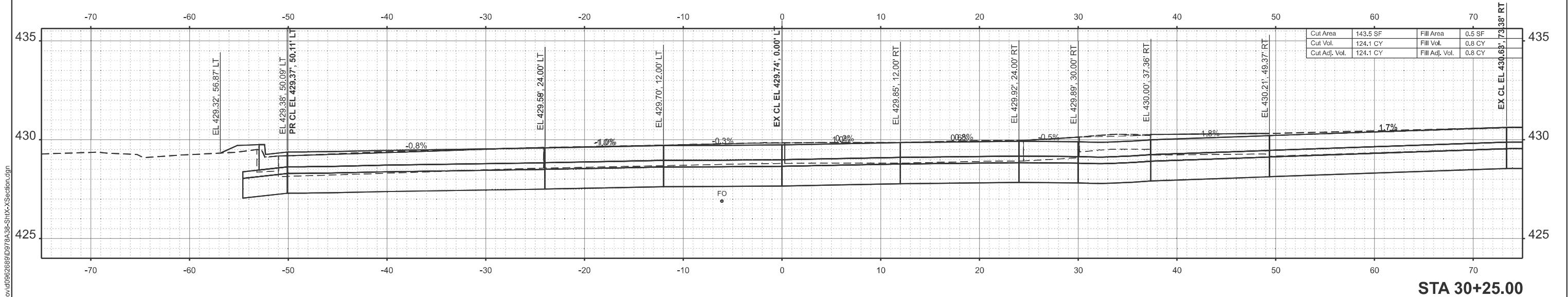
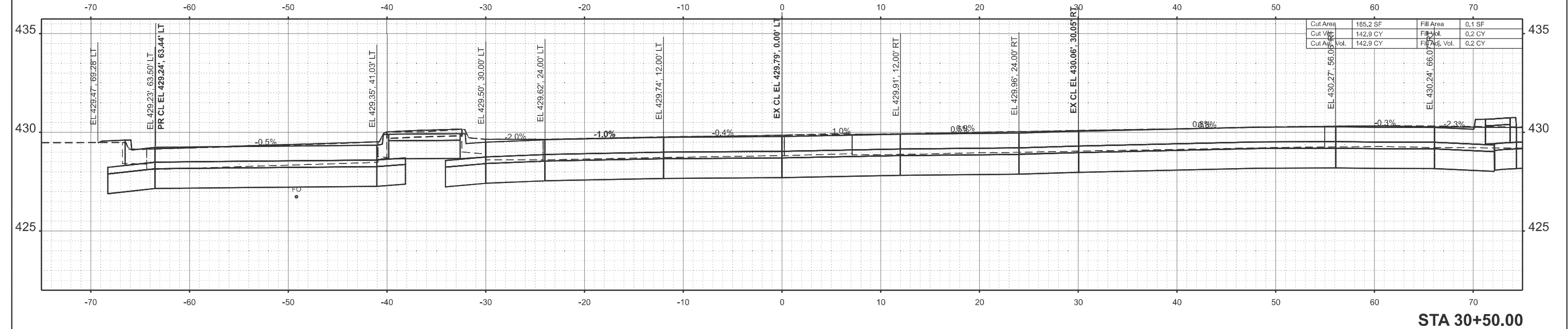
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W-E US45/IL1 CROSS SECTIONS

SCALE: SHEET 3 OF 57 SHEETS STA. TO STA.

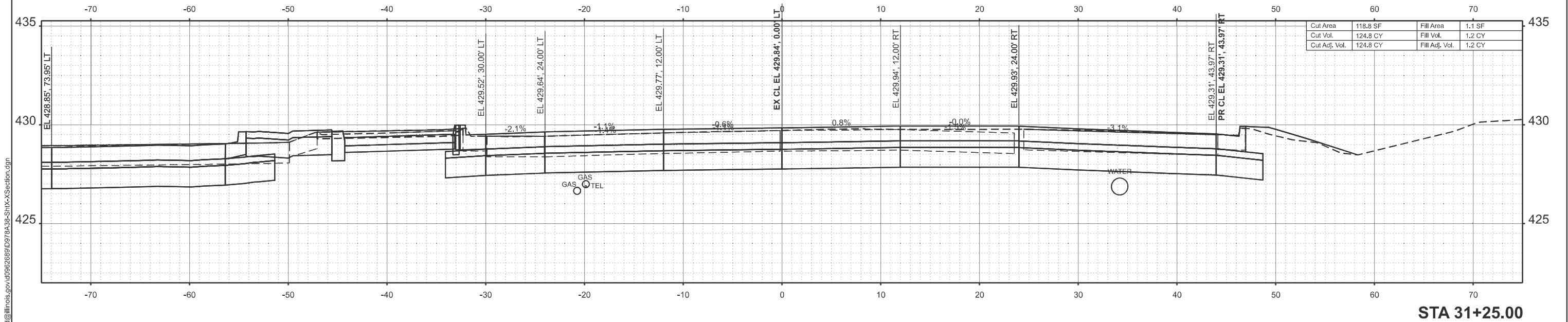
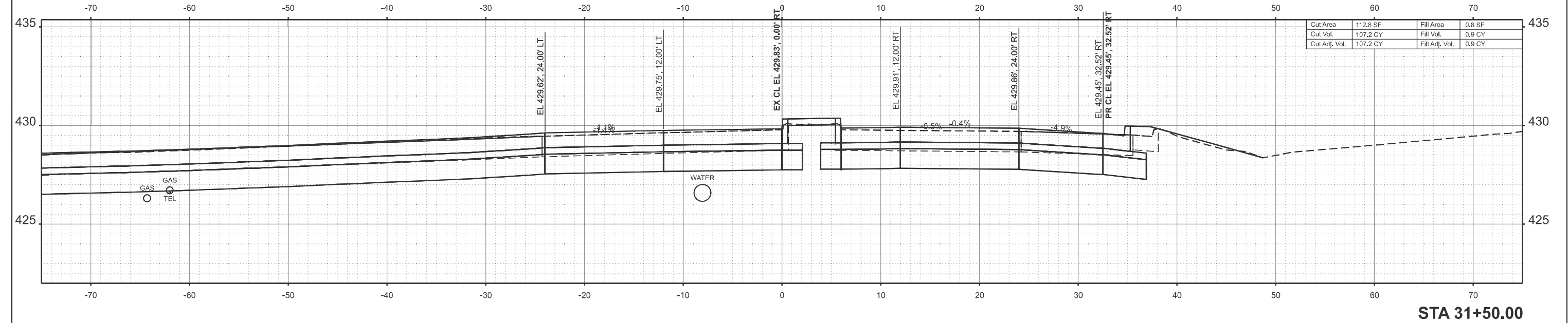
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	44
CONTRACT NO. 78A38				
ILLINOIS		FED. AID PROJECT		

MODEL: W-E- 30+25.00 [Sheet]
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MODEL: W-E- 30+25.00 [Sheet] FILE NAME: c:\pwwork\pwwork\illinois.gov\tristen.reid\illinois.gov_1109-1.110\N-1\X-Section.dgn	USER NAME = tristen.reid		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	W-E US45/IL1 CROSS SECTIONS			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -					*	(28-3,109,109-1,110)N-1	WHITE	98	46
			CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024		DATE -	REVISED -		SCALE:	SHEET 5	OF 57 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

MODEL: W-E - 31+25.00 [Sheet]
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USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

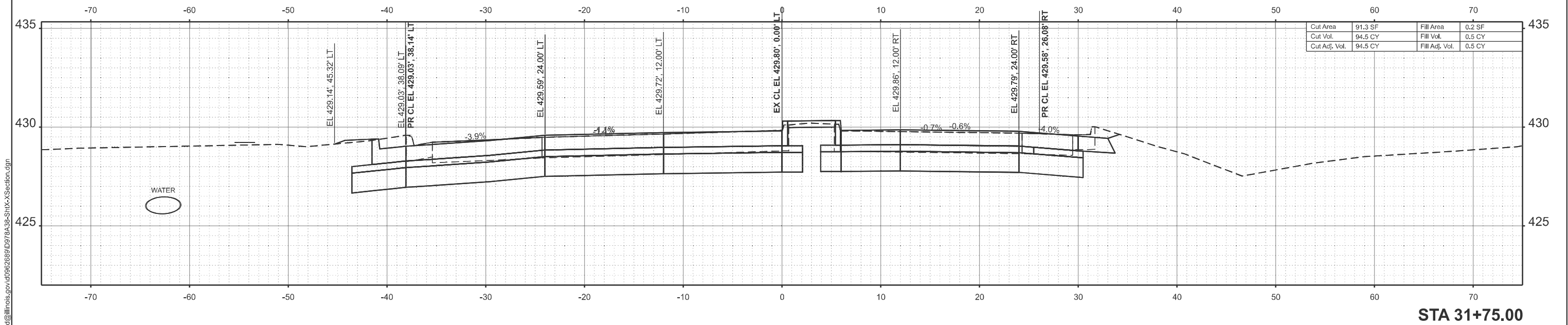
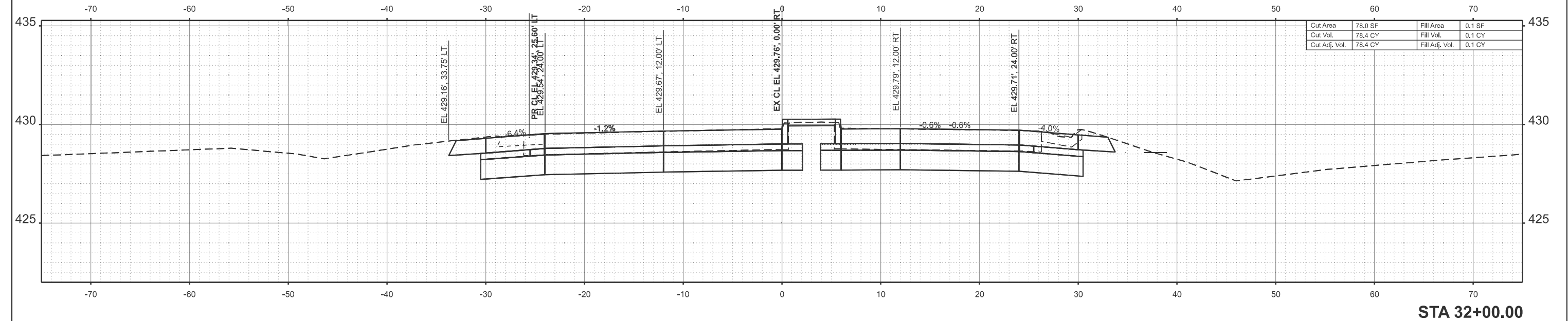
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W-E US45/IL1 CROSS SECTIONS

SCALE: SHEET 7 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	48
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: W-E - 31+75.00 [Sheet]
FILE NAME: c:\p\work\pilot\illinois.gov_tristen.reid@illinois.gov\0962689\0979A38-SJUX-XSection.dgn



WATER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

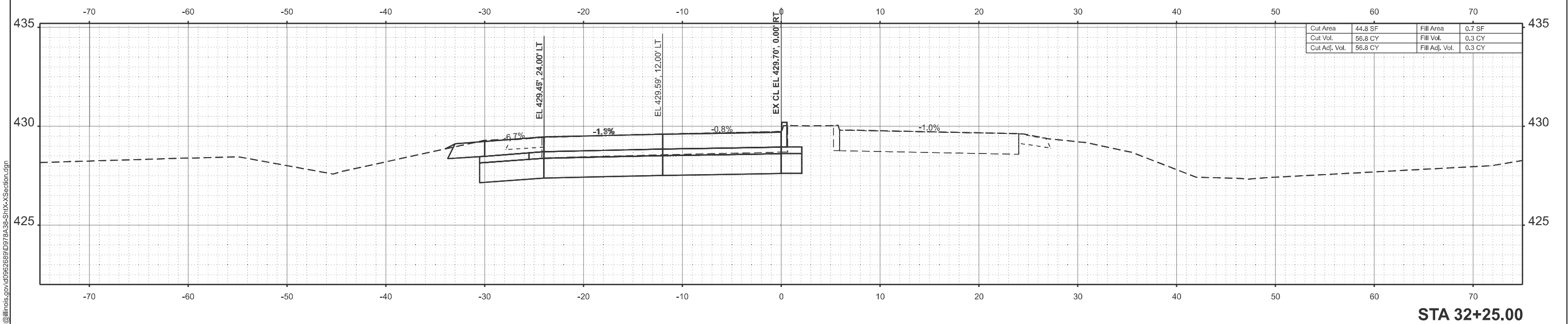
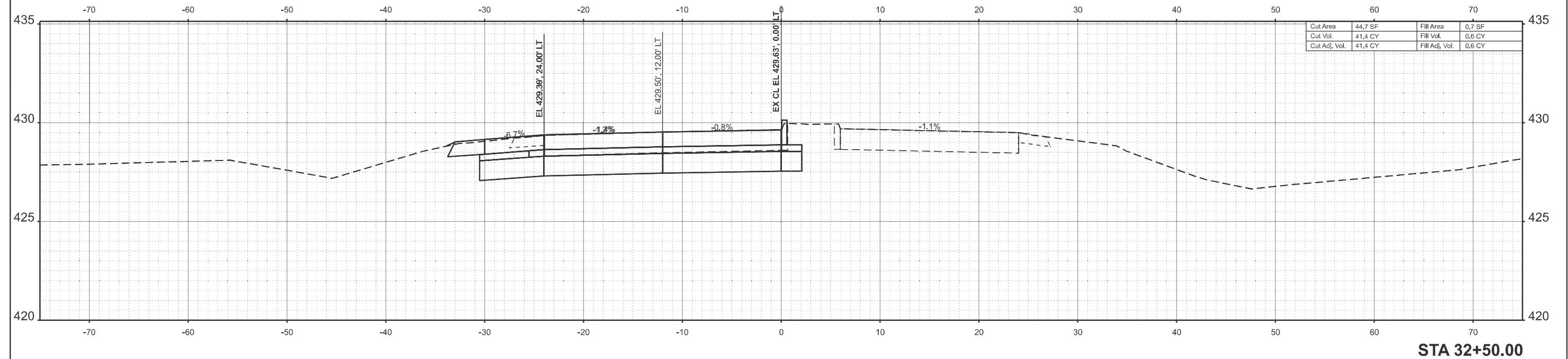
W-E US45/IL1 CROSS SECTIONS

USER NAME	= tristen.reid	DESIGNED -	REVISED -
DRAWN -		REVISED -	
CHECKED -		REVISED -	
DATE	-	REVISED -	
PLOT DATE	= 12/3/2024		

SCALE: SHEET 8 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	49
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: W-E - 32+25.00 [Sheet]
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

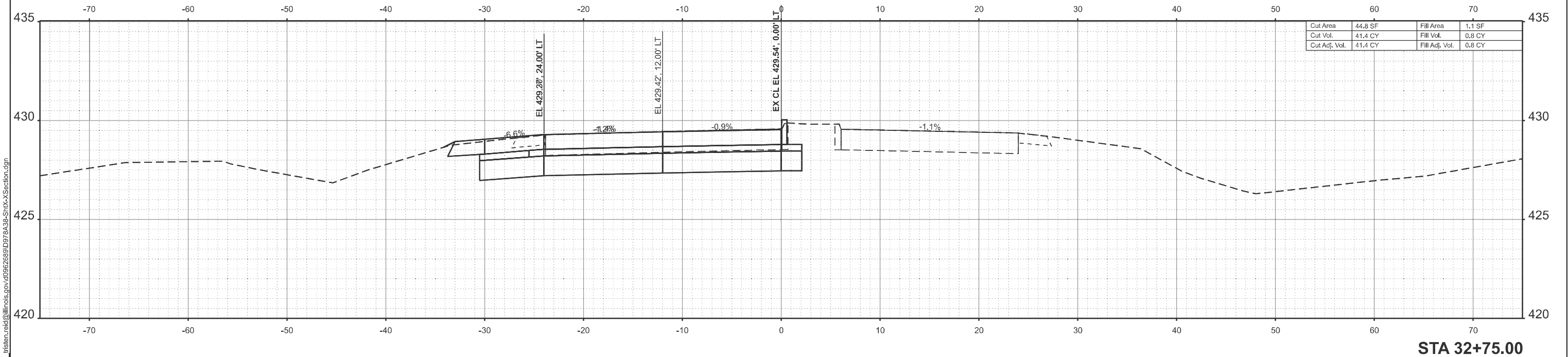
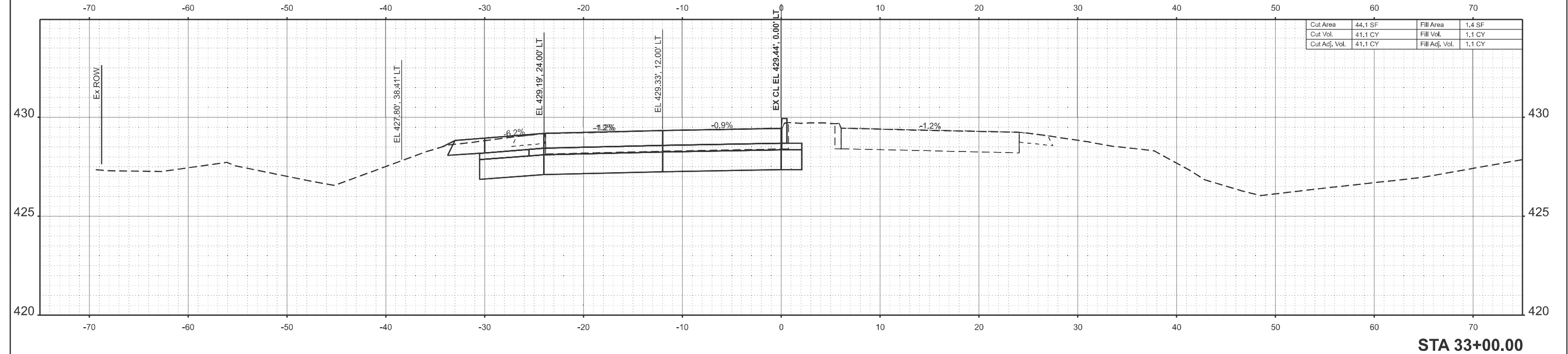
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W-E US45/IL1 CROSS SECTIONS

SCALE: SHEET 9 OF 57 SHEETS STA. TO STA.

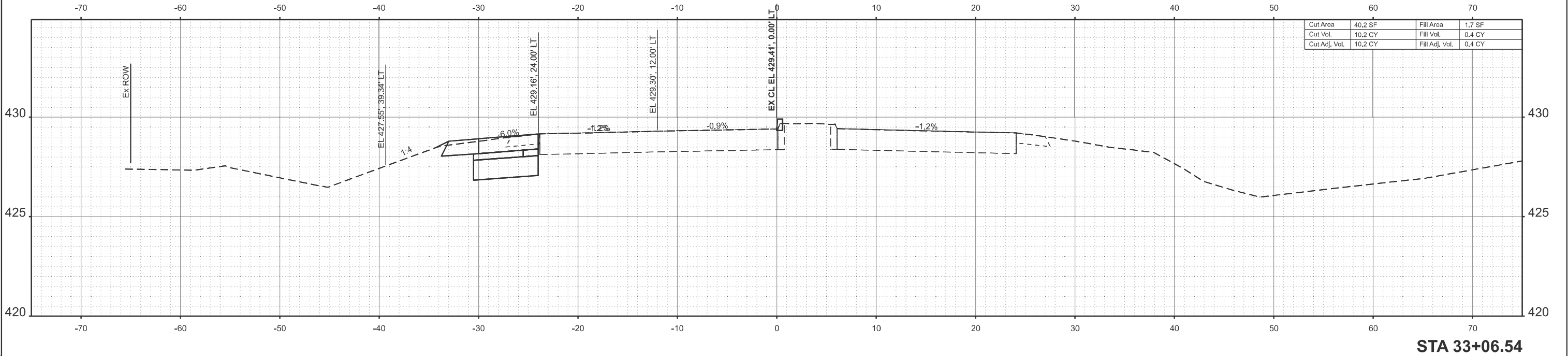
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	50
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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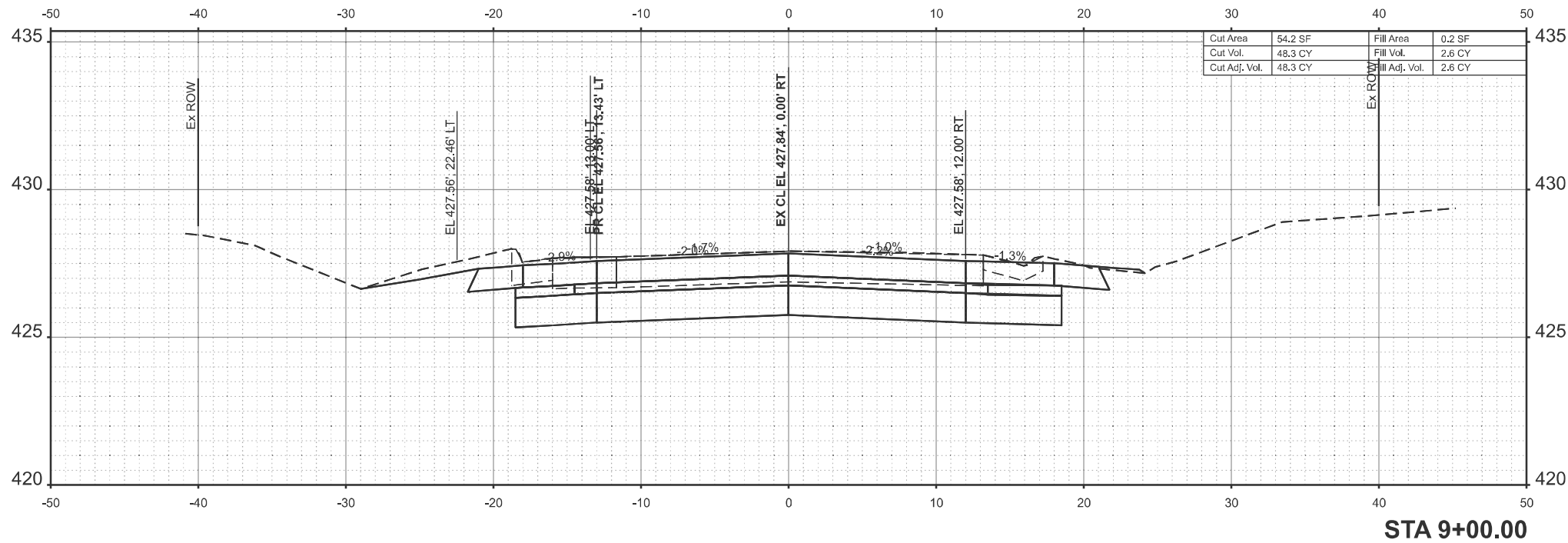
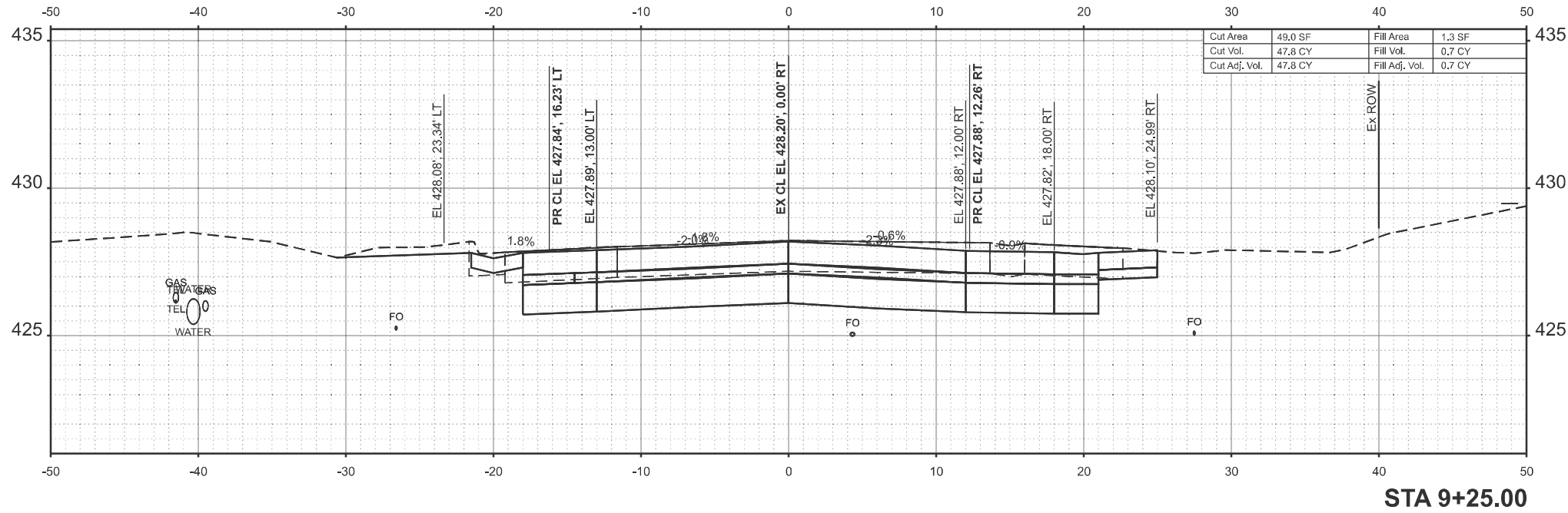
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		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 10	OF 57 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

MODEL: W-E - 33+06.54 (Sheet)
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	USER NAME = tristen.reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	W-E US45/IL1 CROSS SECTIONS			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(28-3,109,109-1.110)N-1	WHITE	98	52
		CHECKED -	REVISED -					CONTRACT NO. 78A38				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 11	OF 57 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

MODEL: N-S - A 9+00.00 [Sheet]
FILE NAME: c:\p\work\pilot\illinois.gov_tristen.reid\illinois.gov_1978A38-SJUX-XSection.dgn



USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

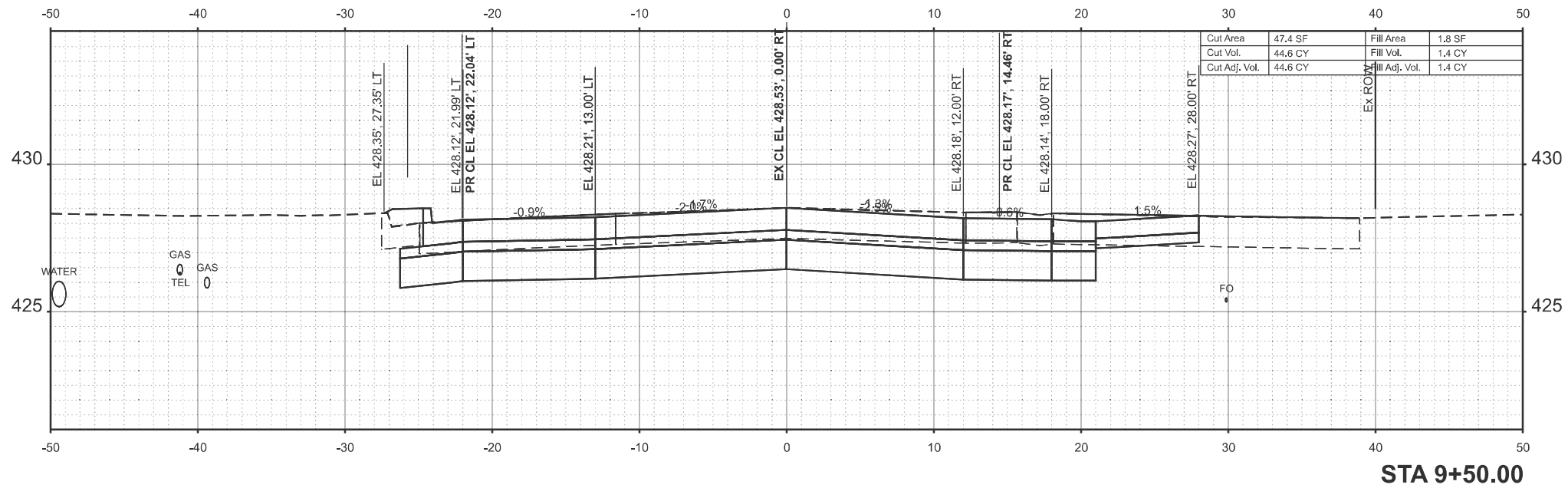
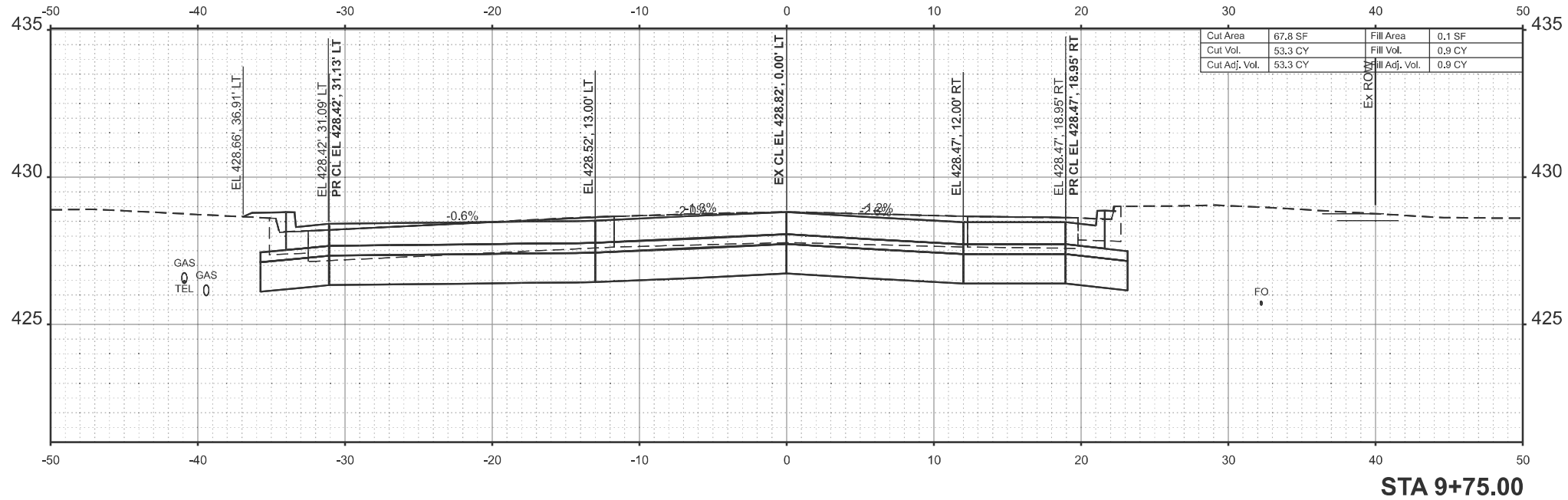
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 13 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	54
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782



MODEL: N-S - A 9+50.00 [Sheet]
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USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

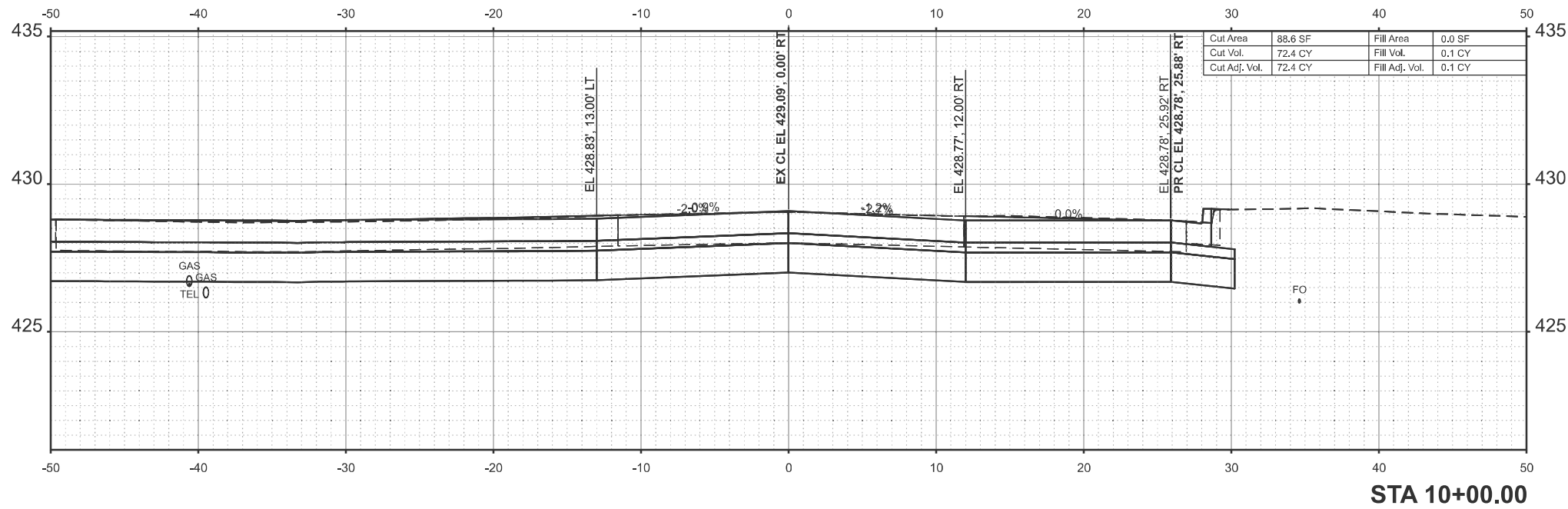
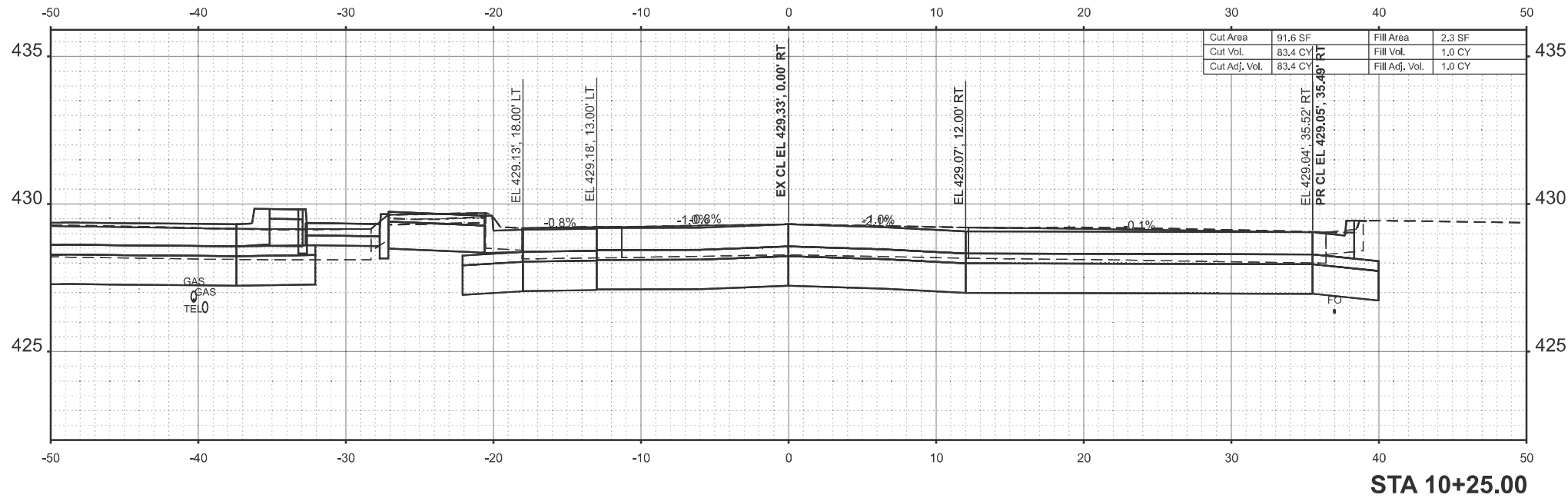
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 14 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	55
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: N-S - A 10+00.00 [Sheet]
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USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

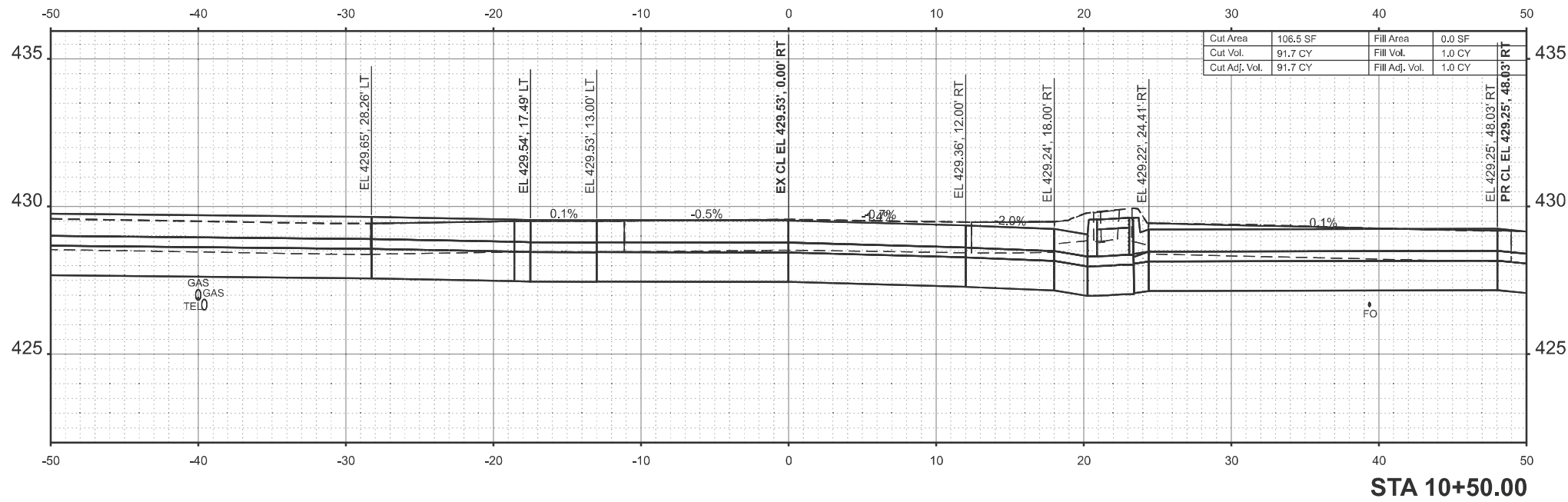
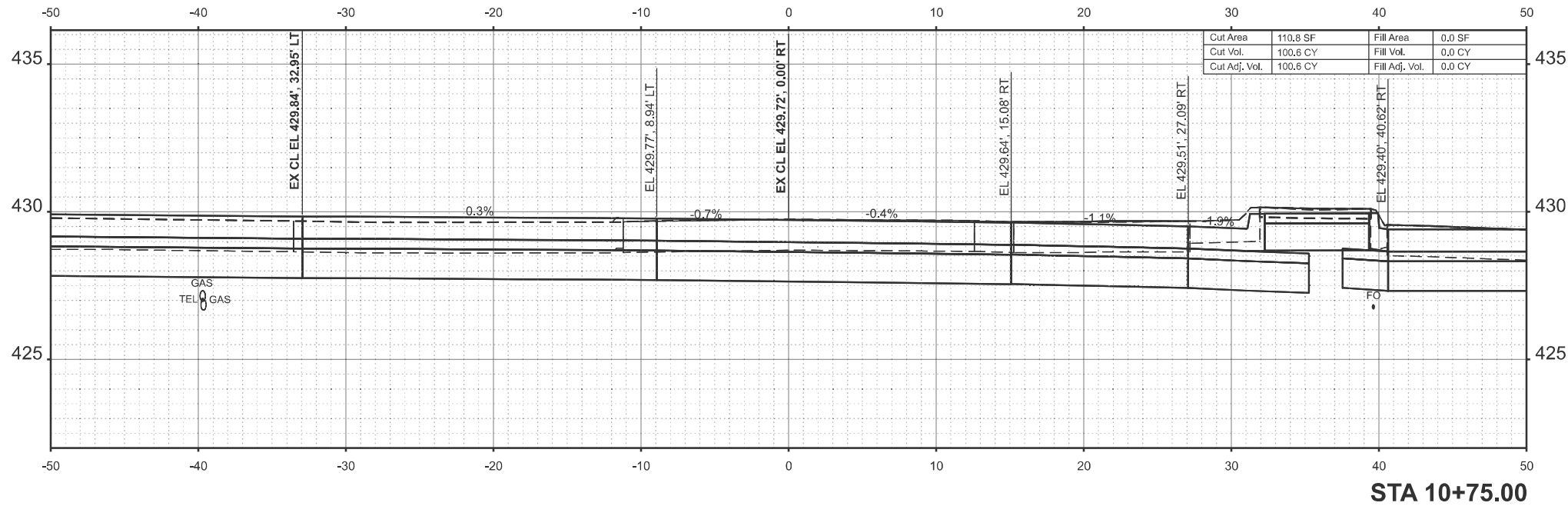
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 15 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	56
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: N-S - A 10+50.00 [Sheet]
FILE NAME: c:\p\work\p\id\illinois.gov_tristen.reid@illinois.gov\0962689\0978A38-S\UX-X\Section.dgn



USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

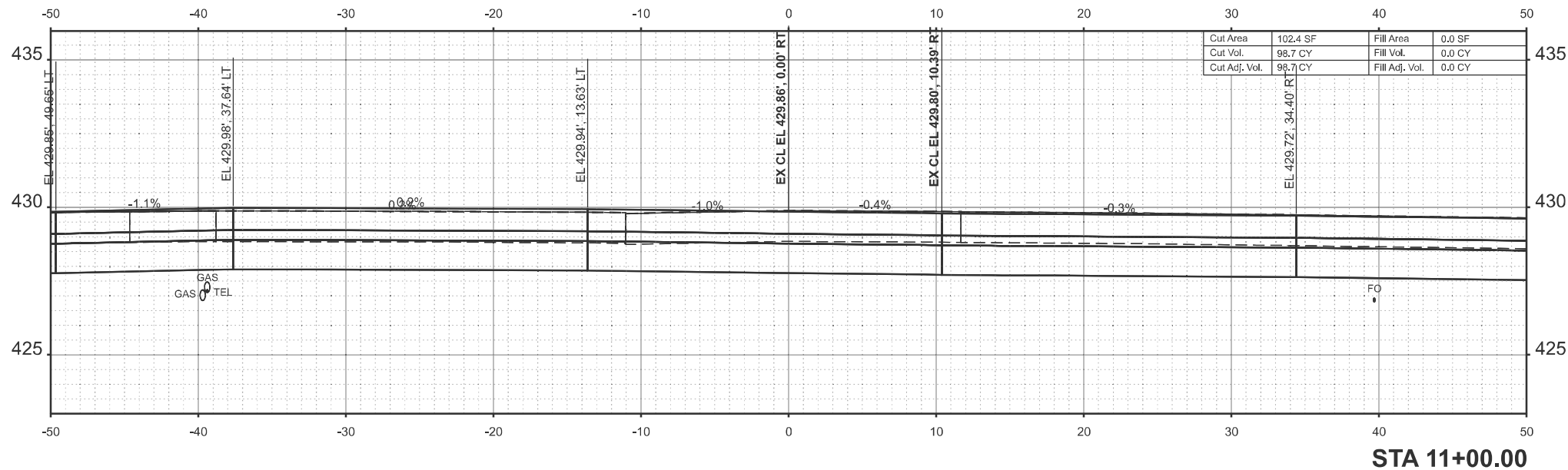
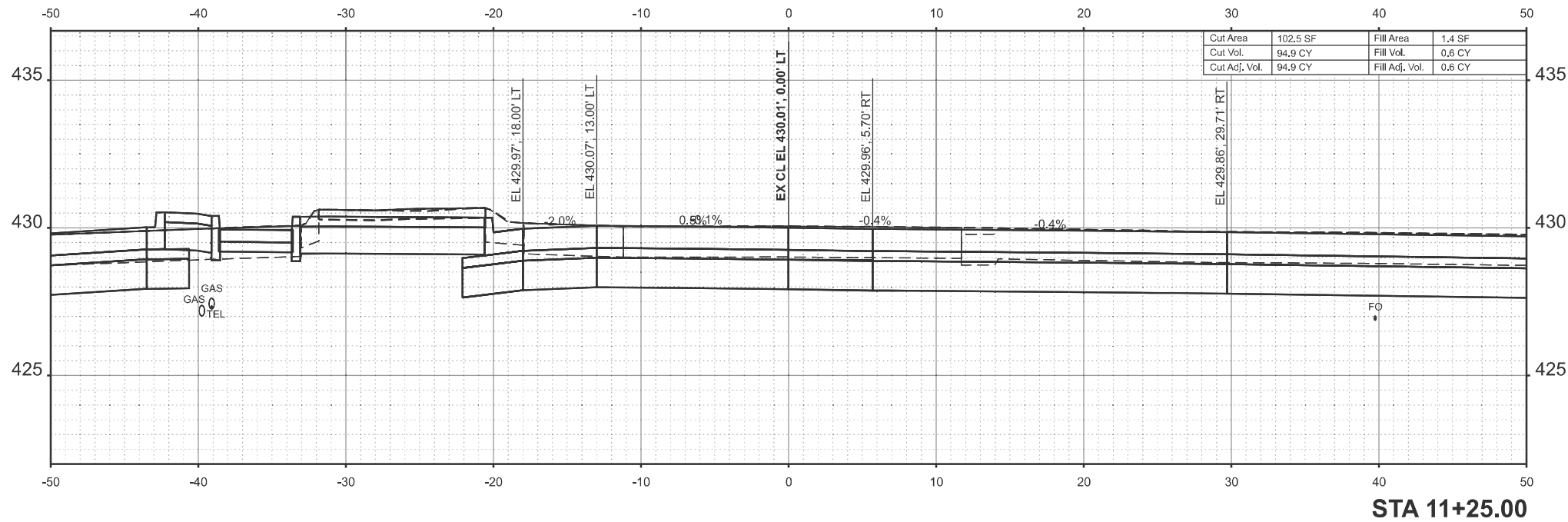
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 16 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	57
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: N-S - A 11+00.00 [Sheet]
FILE NAME: c:\p\work\pilot\illinois.gov_tristen.reid@illinois.gov\0962689\0978A38-SJUX-XSection.dgn



USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

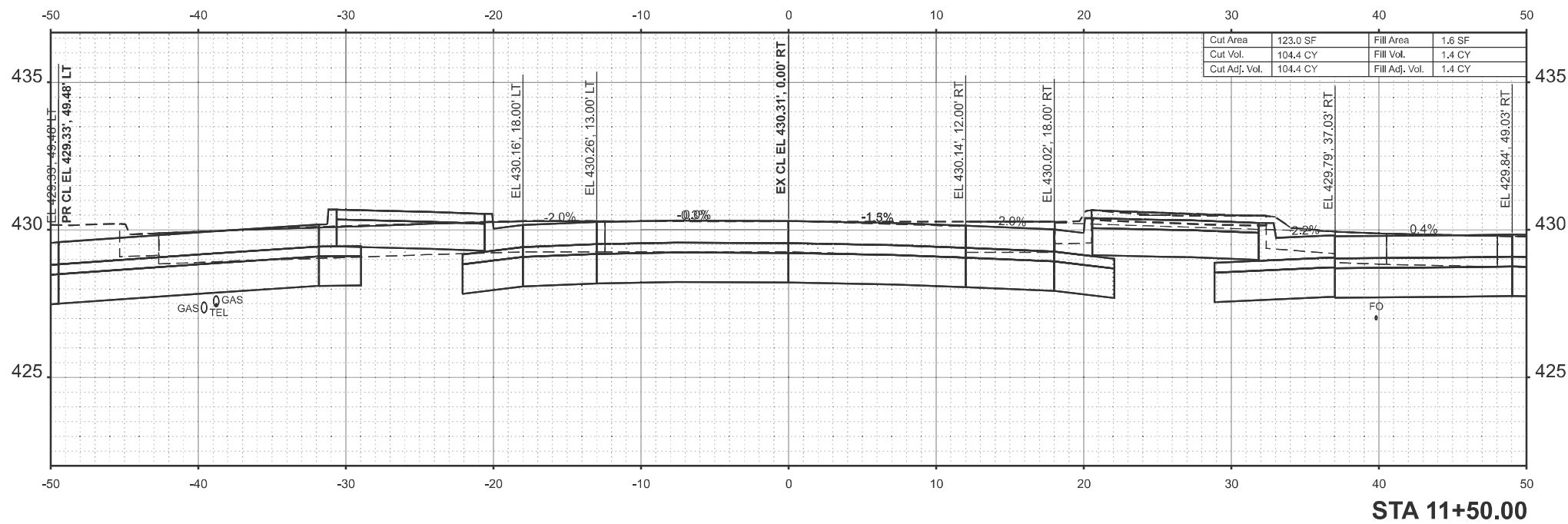
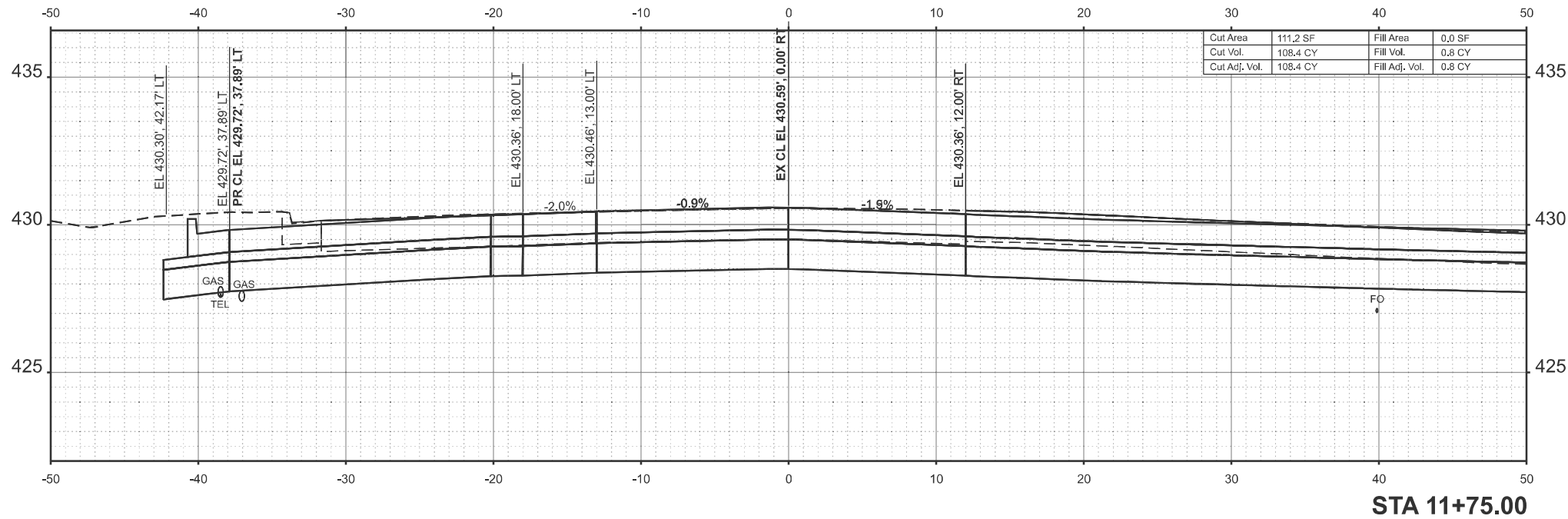
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 17 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	58
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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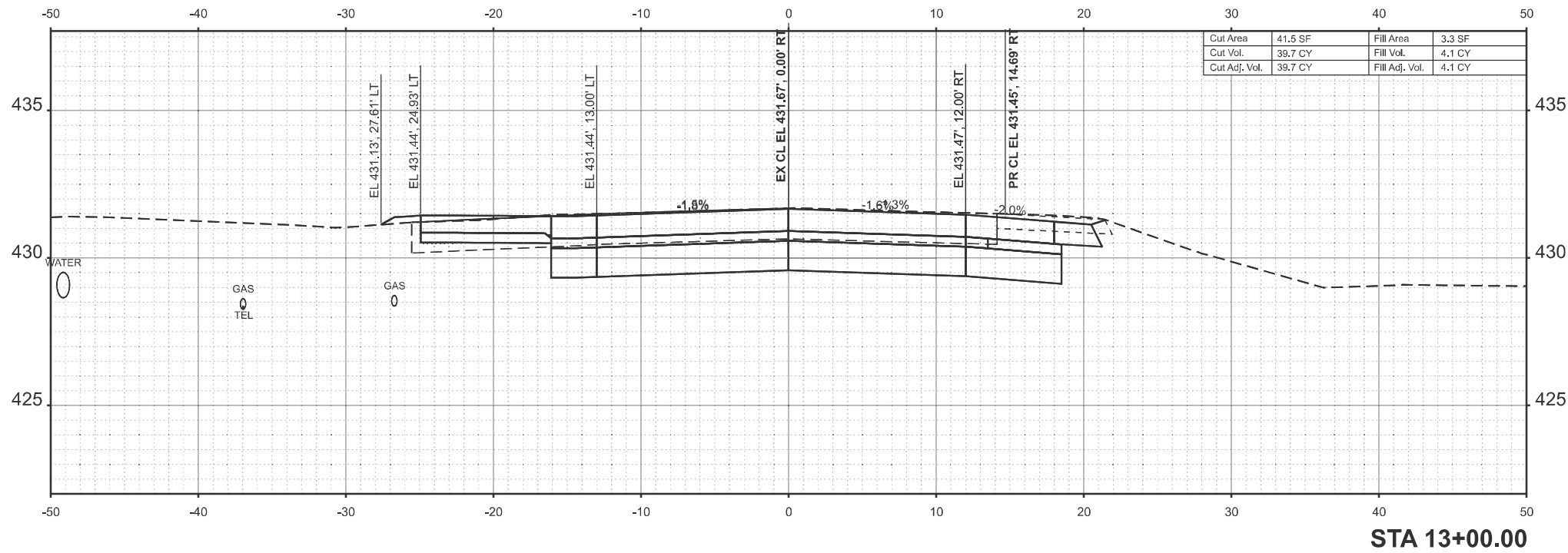
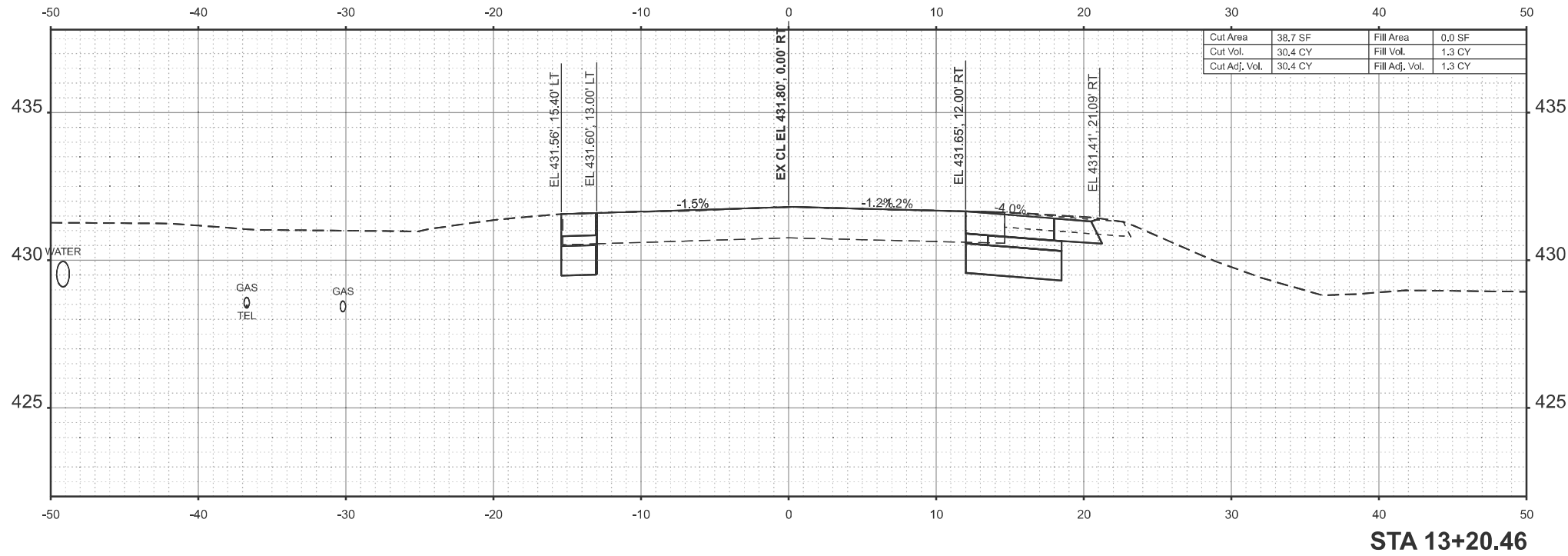
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 18 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	59
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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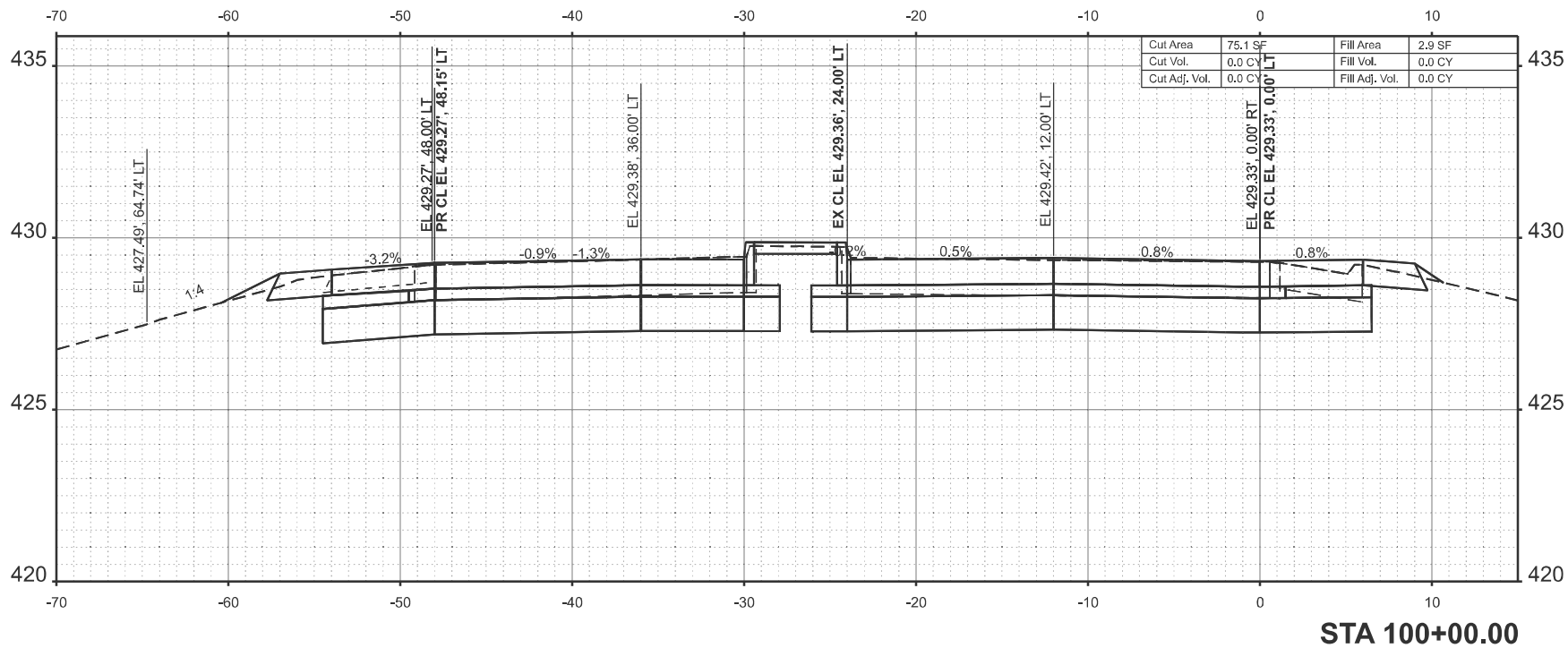
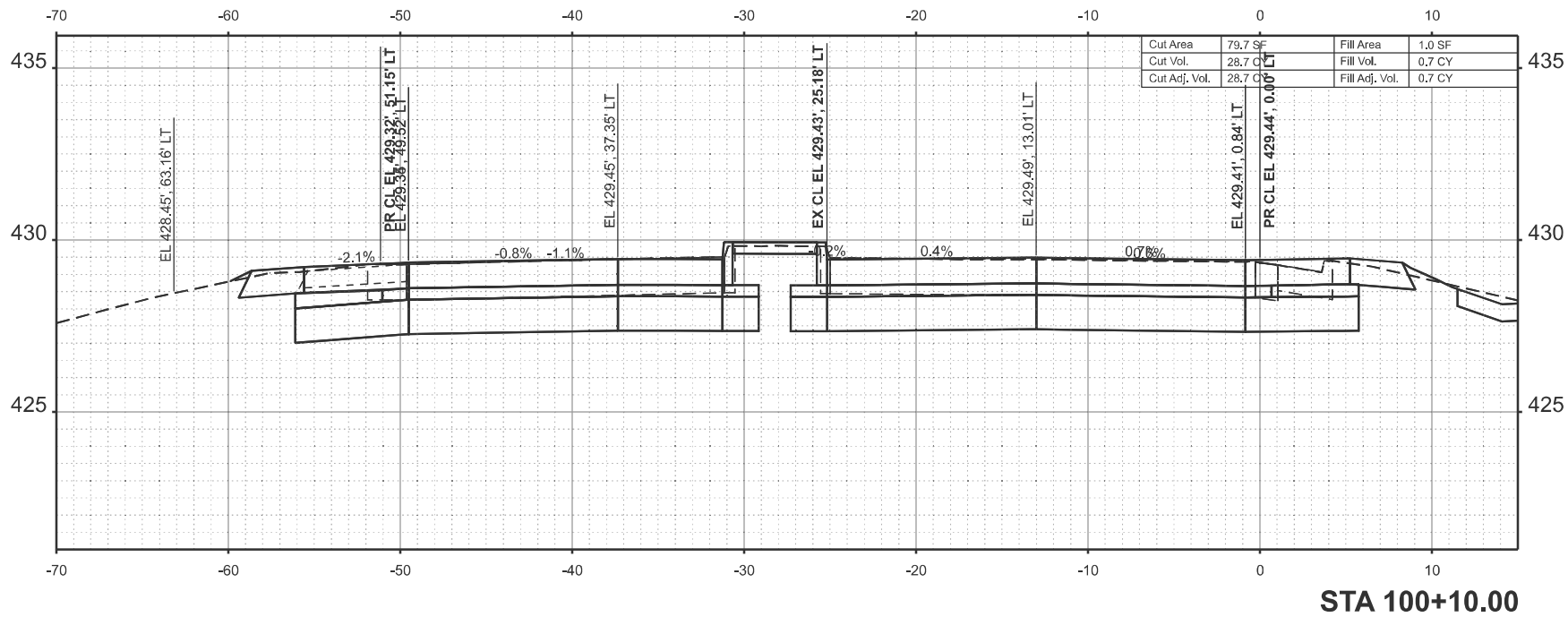
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N-S US45/IL1 CROSS SECTIONS

SCALE: 1"=5' SHEET 21 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	62
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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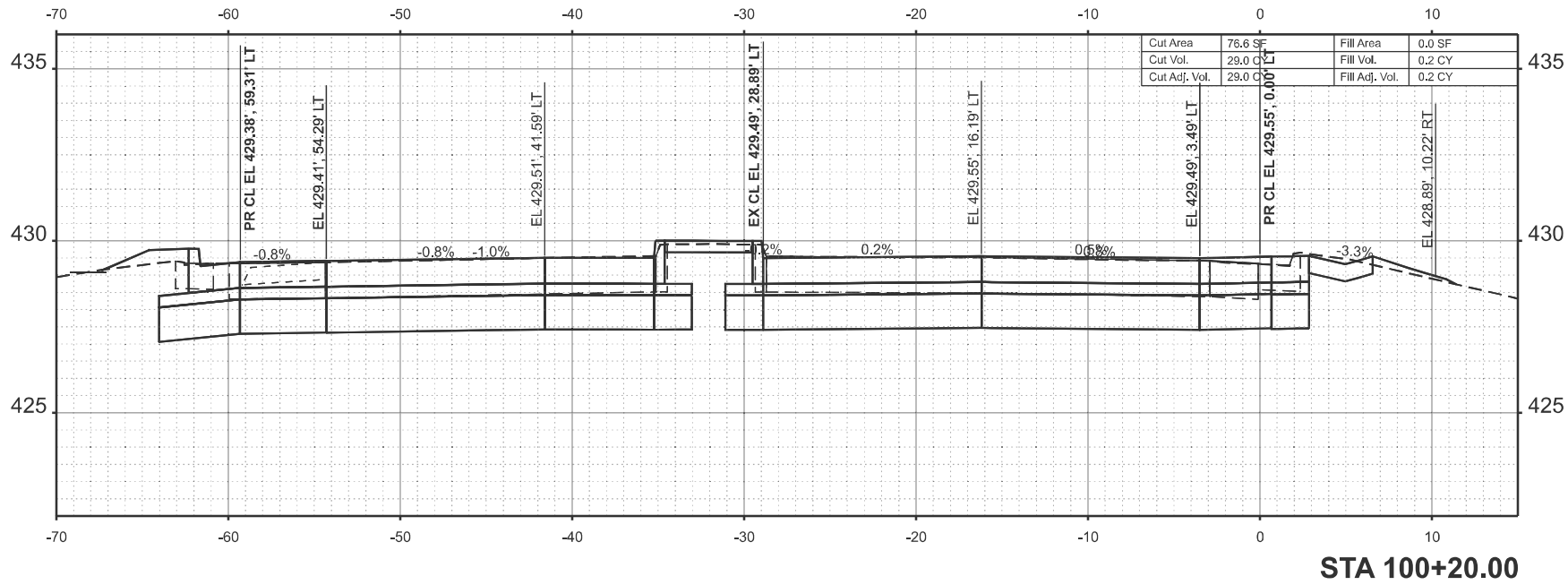
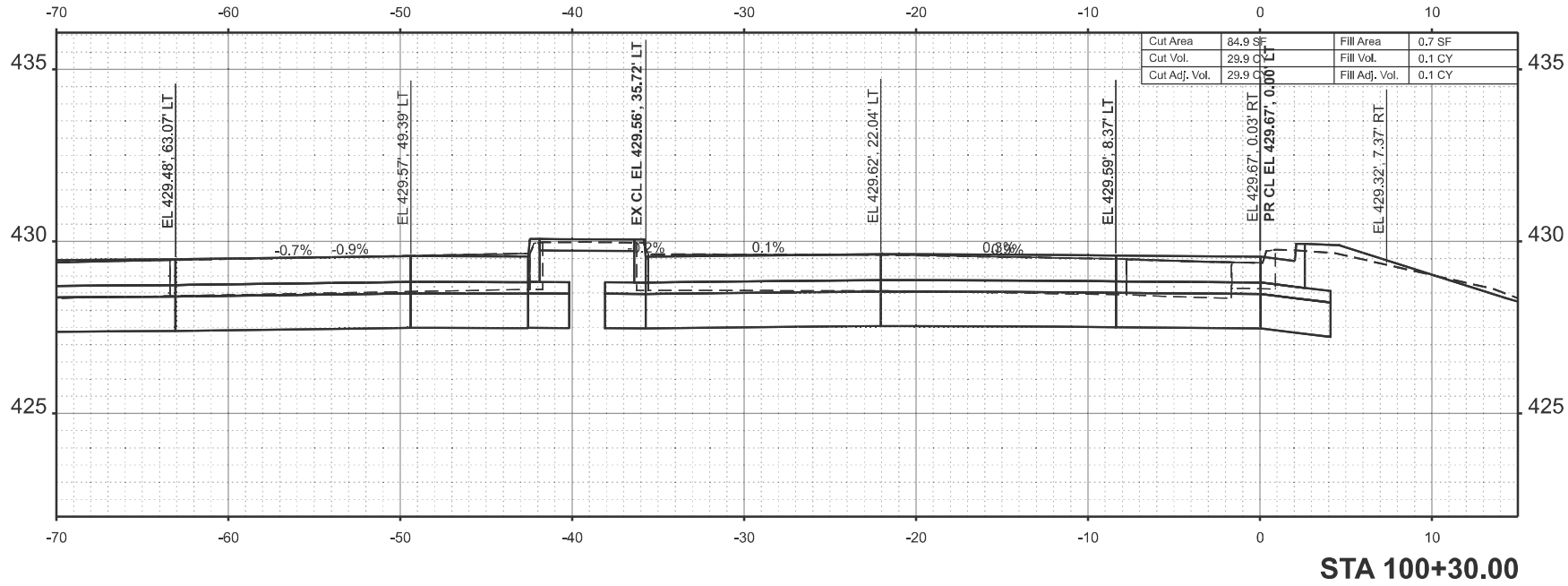
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 22 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	63
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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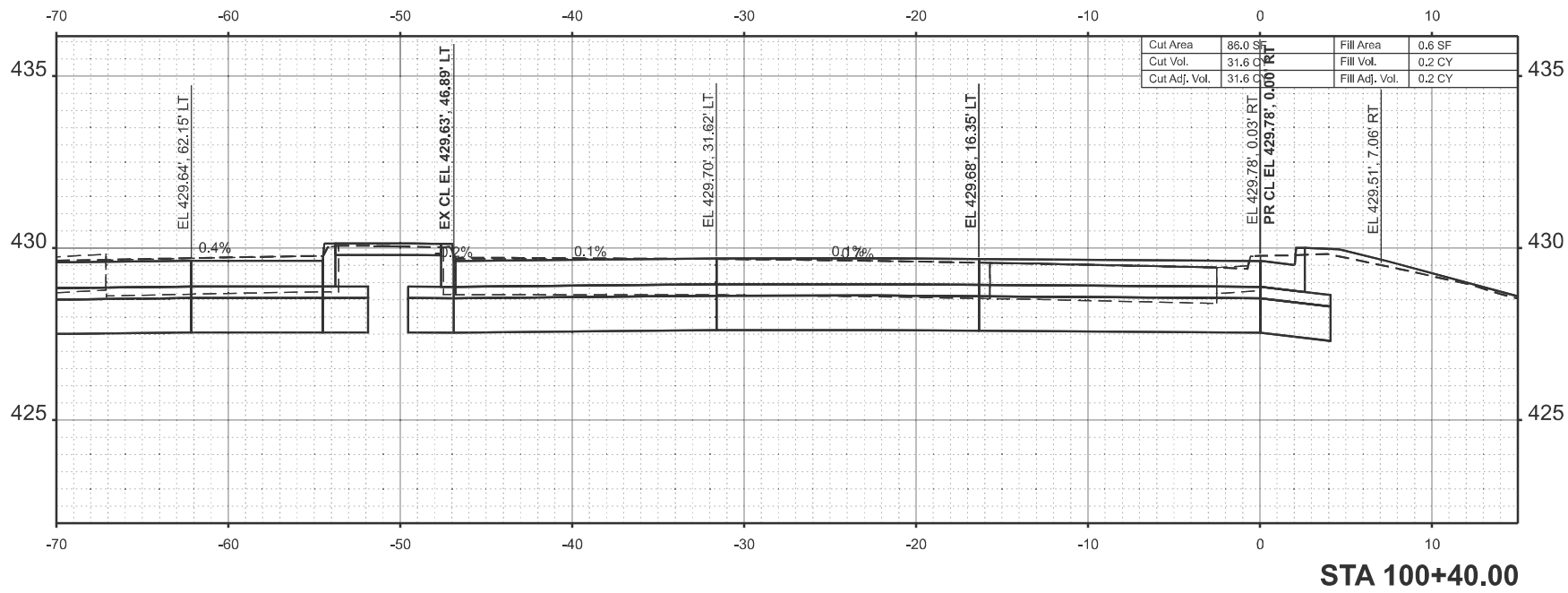
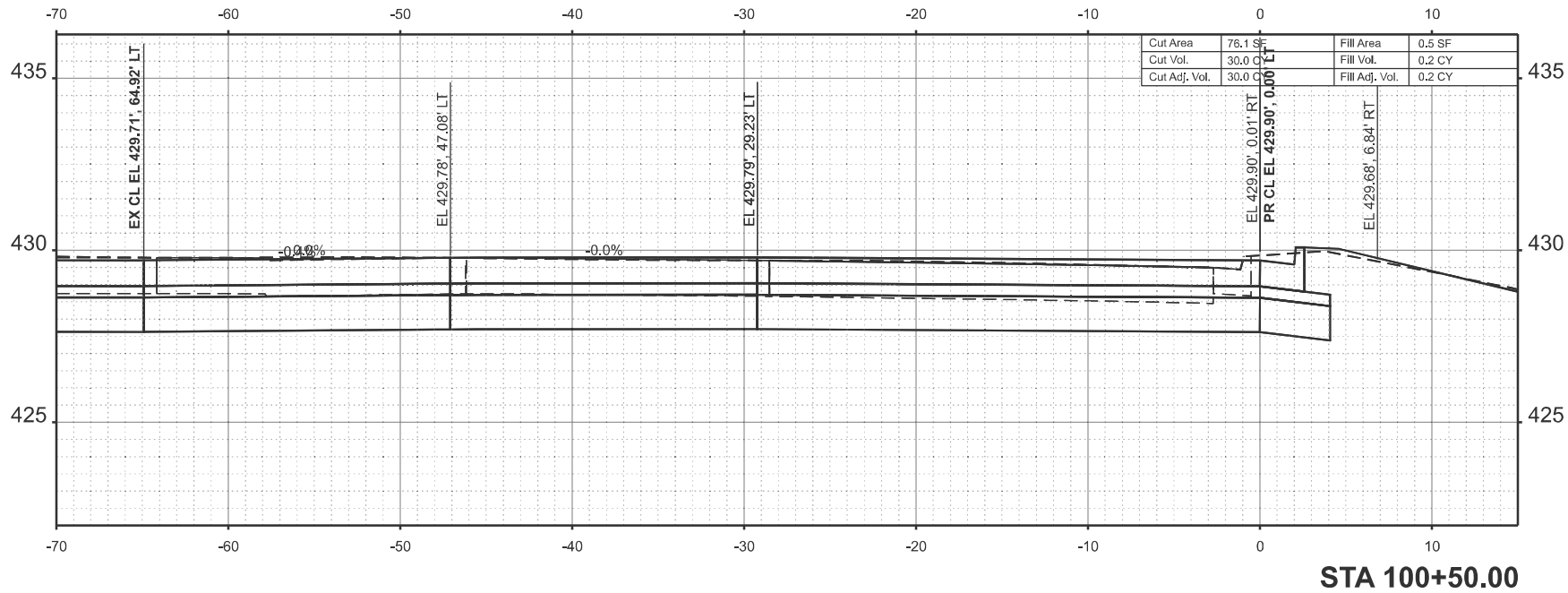
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 23 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	64
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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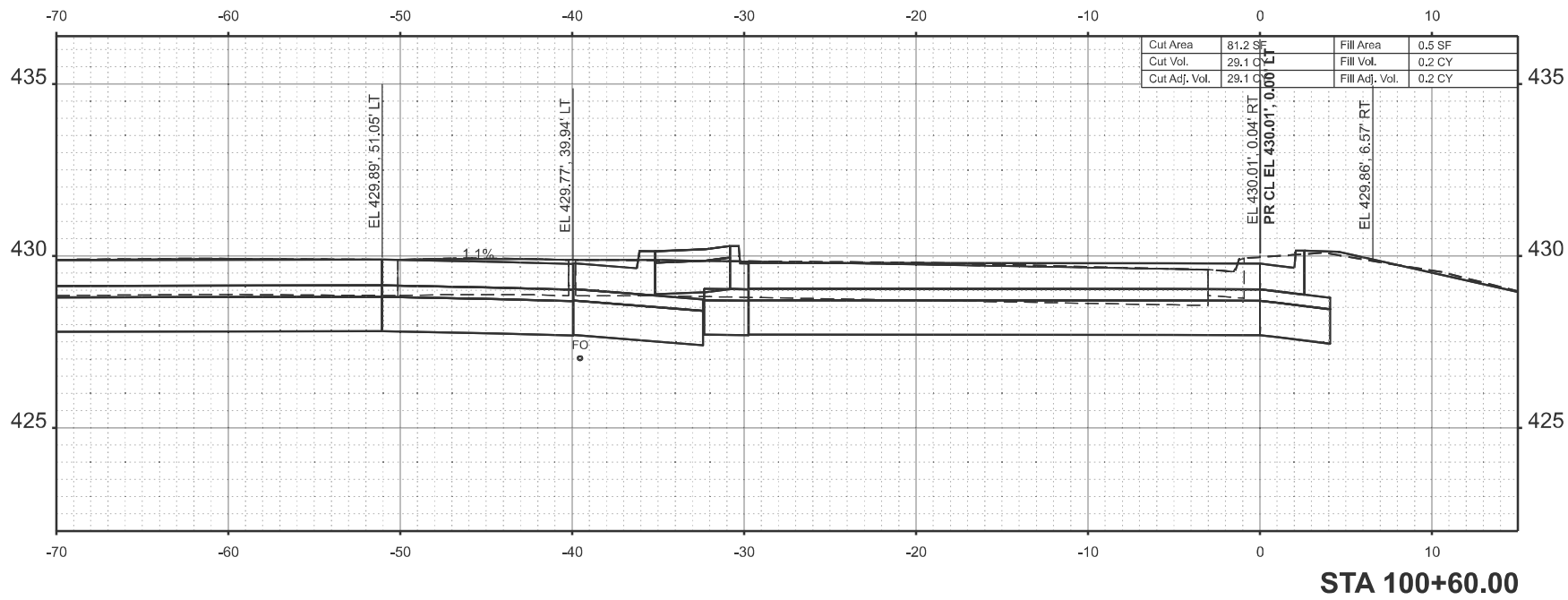
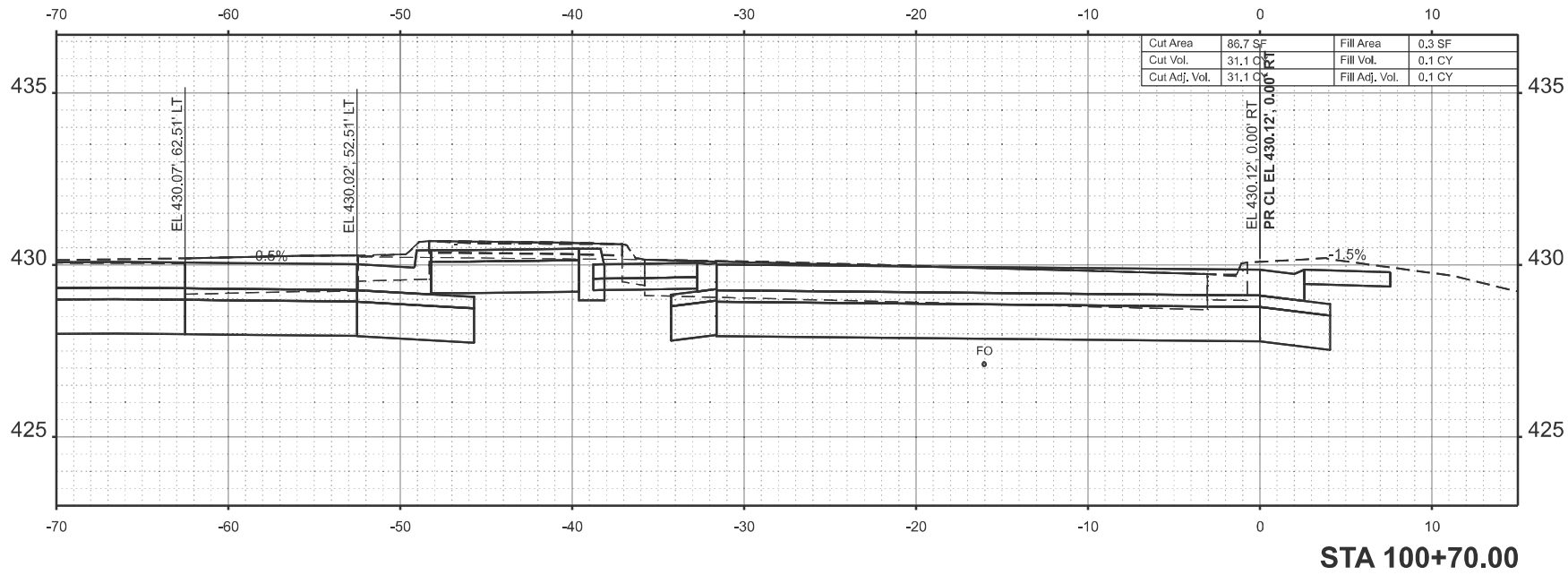
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 24 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	65
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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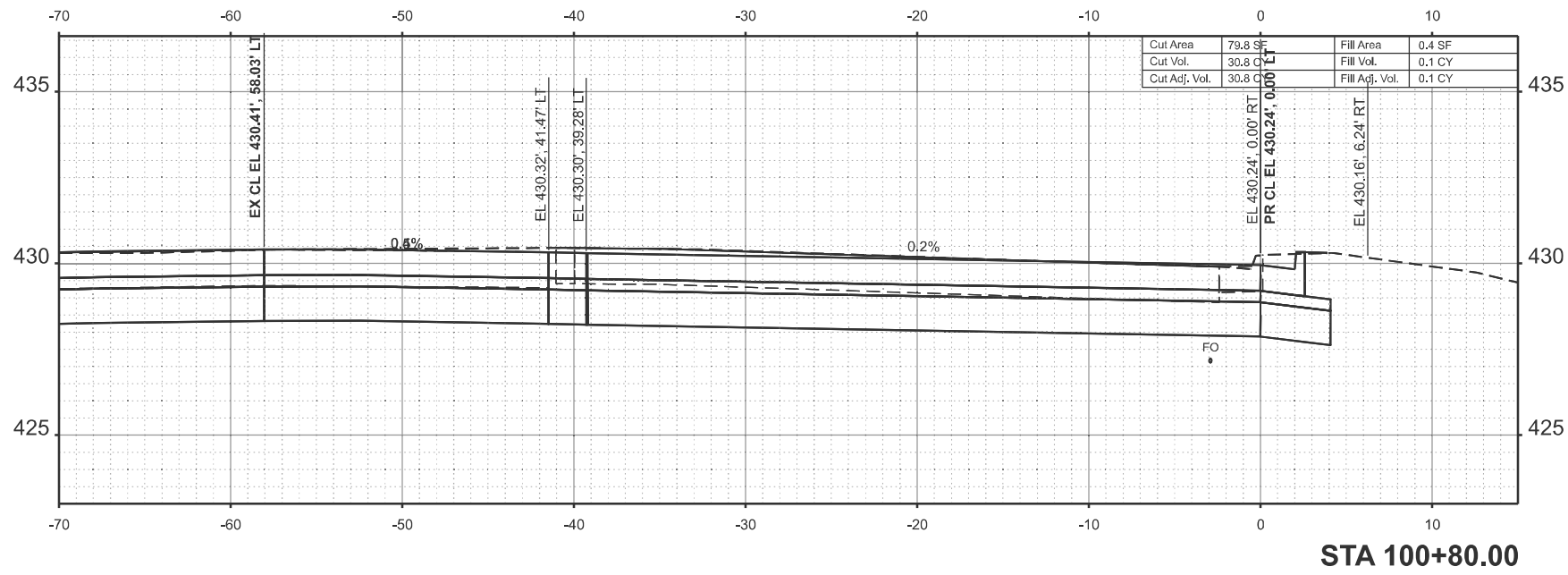
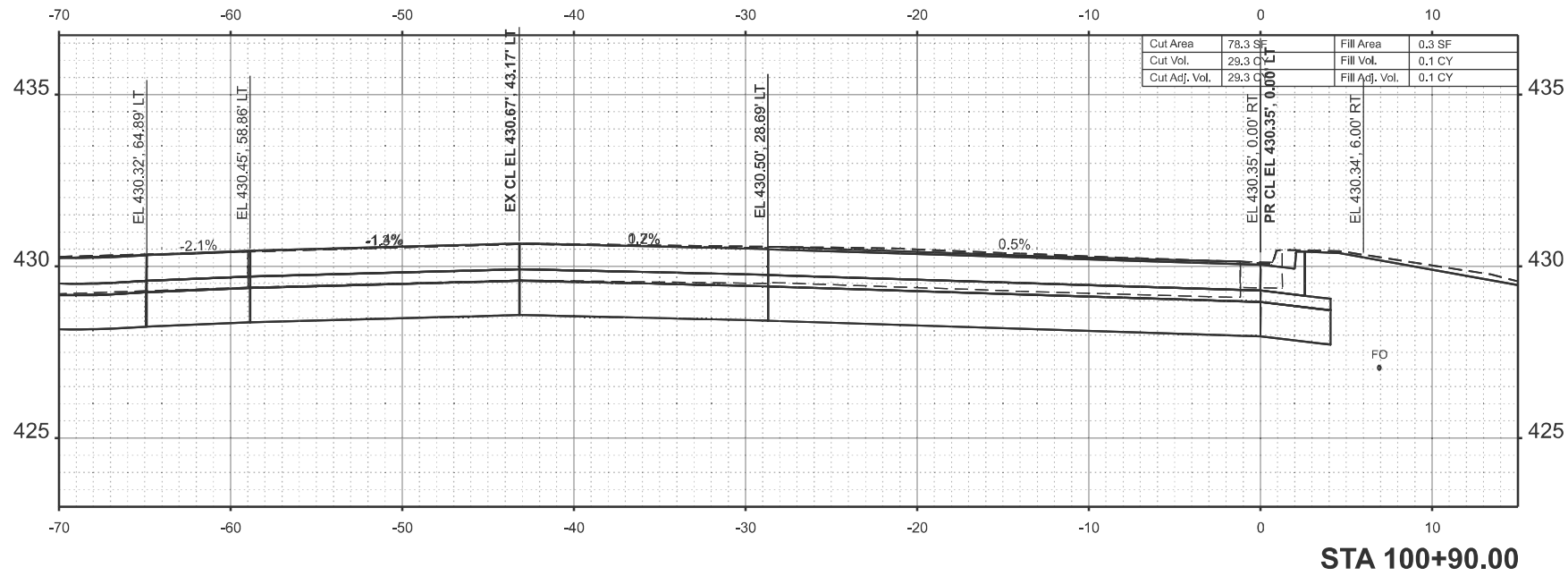
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 25 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	66
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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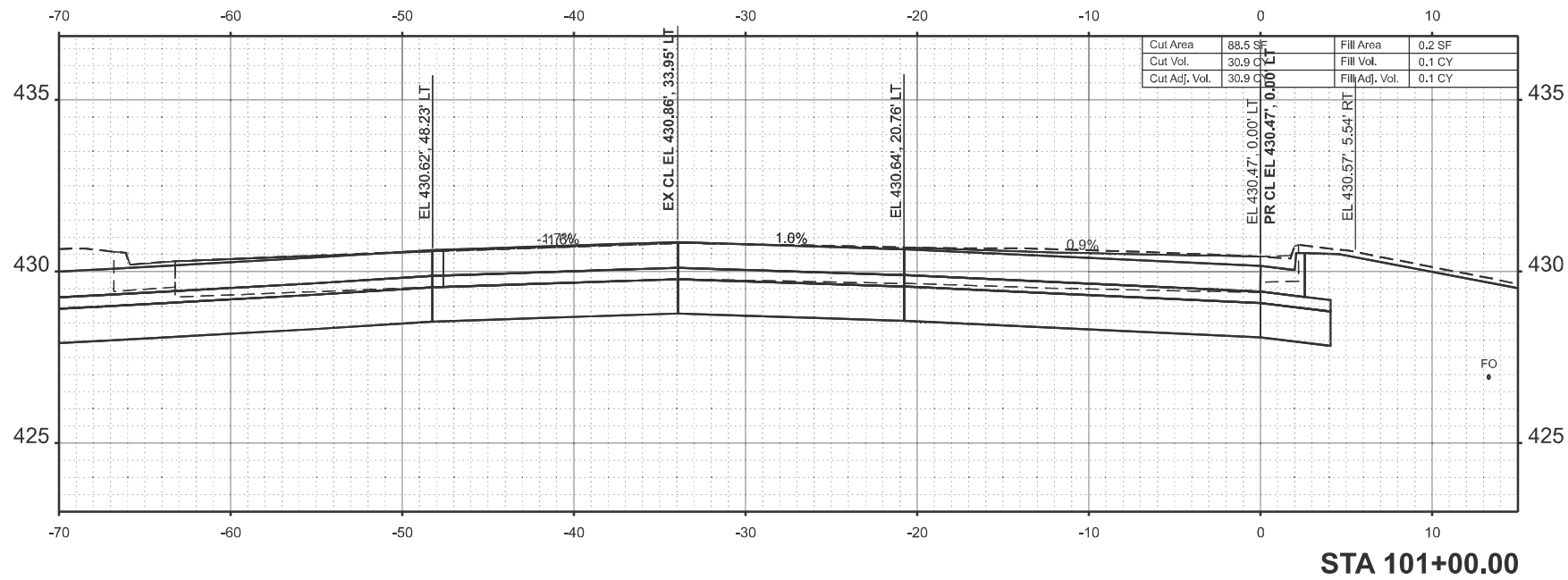
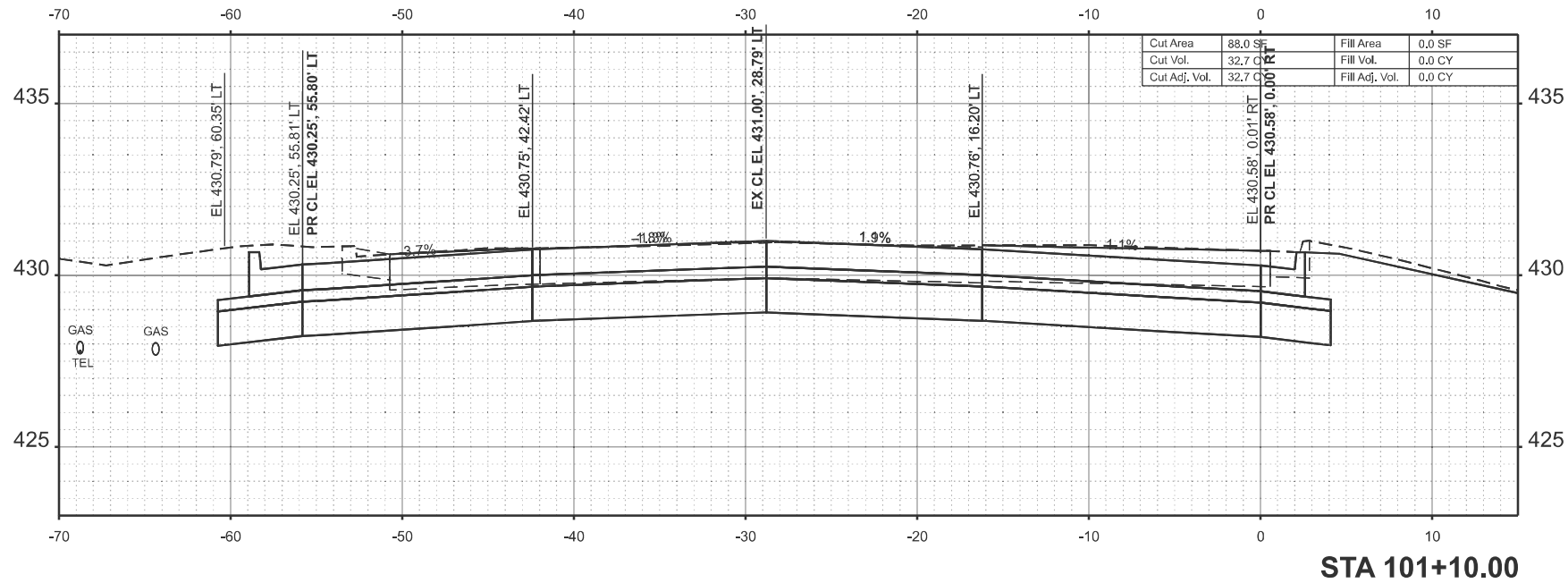
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 26 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	67
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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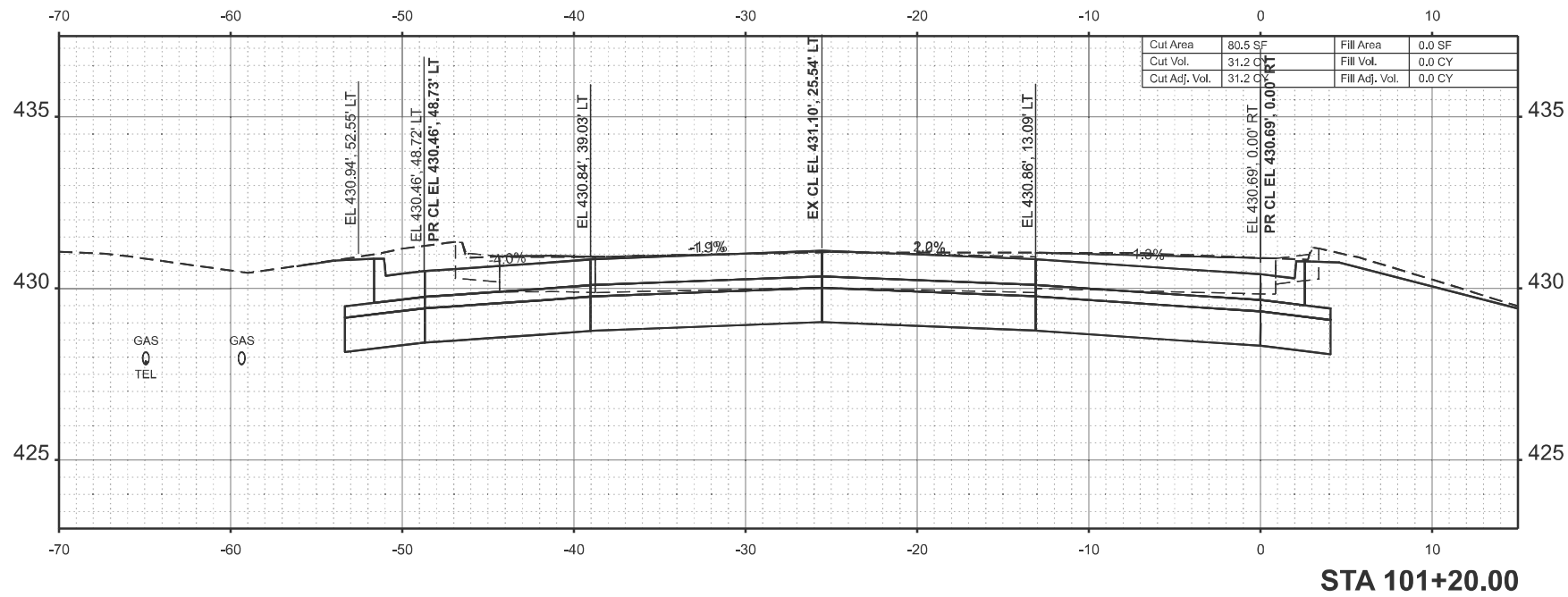
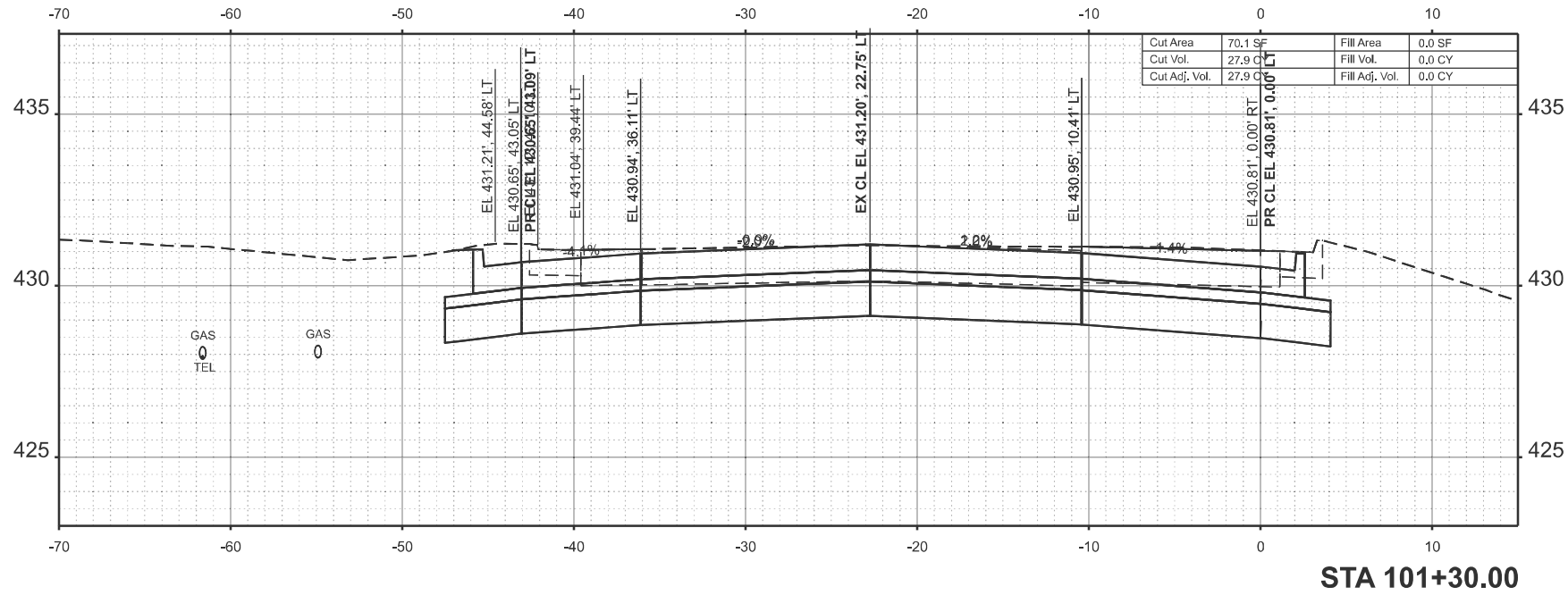
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 27 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	68
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 12/3/2024	DATE -	REVISED -

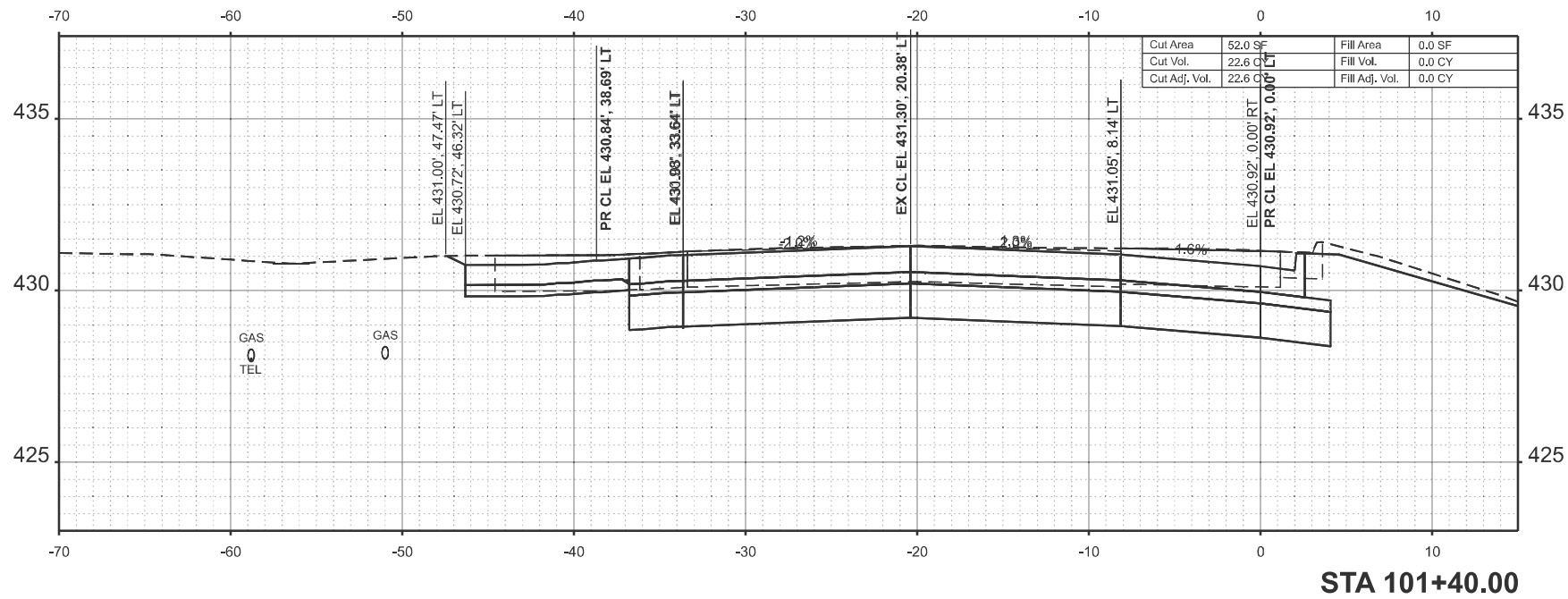
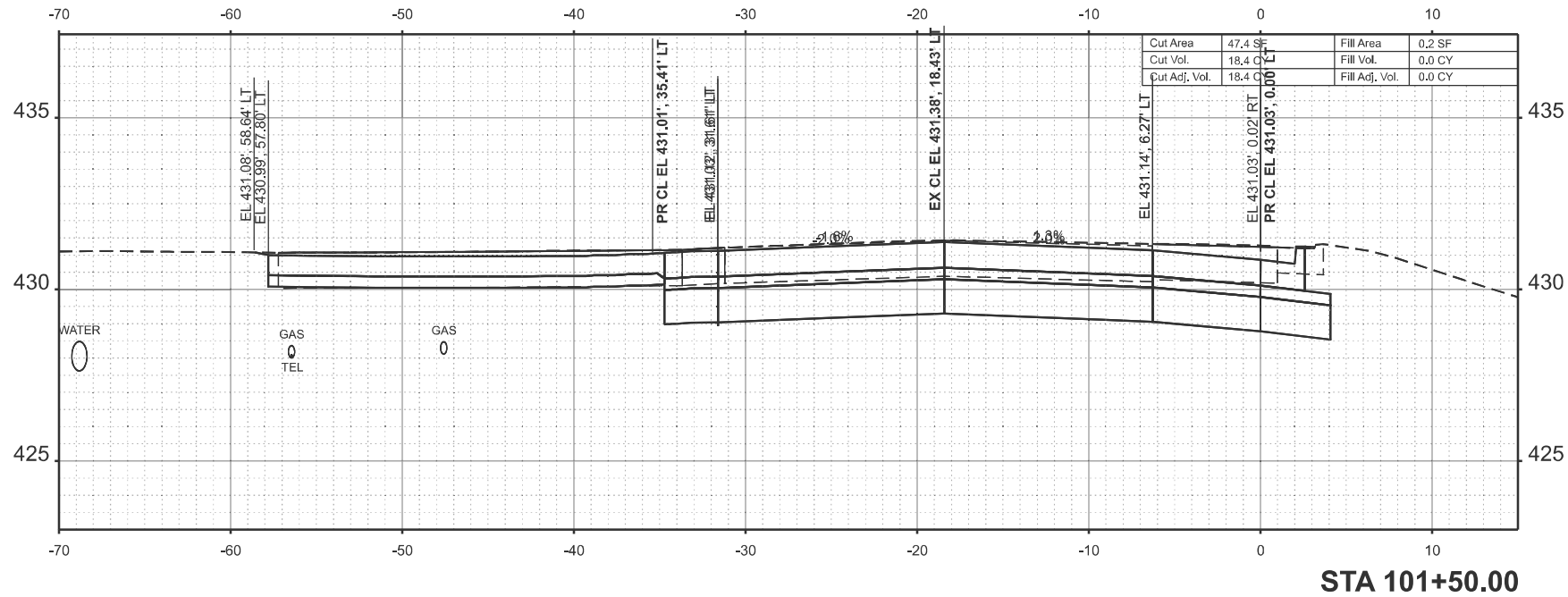
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 28 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	69
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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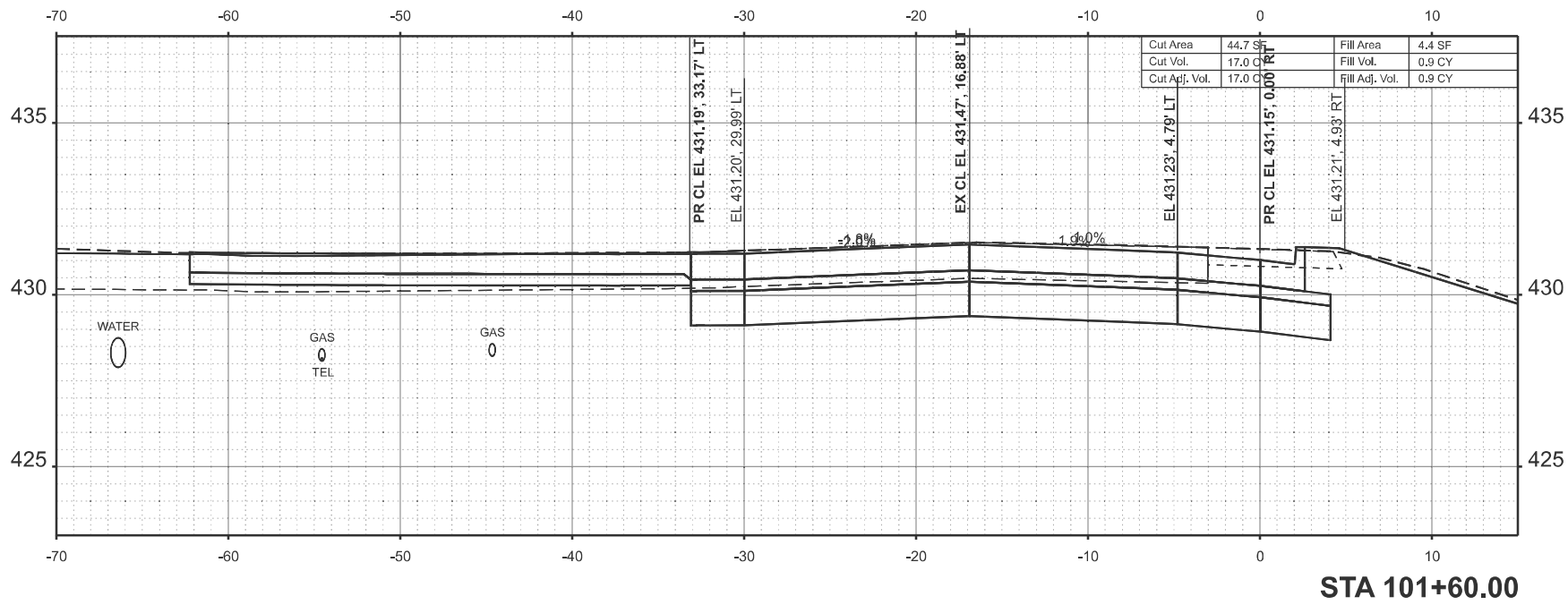
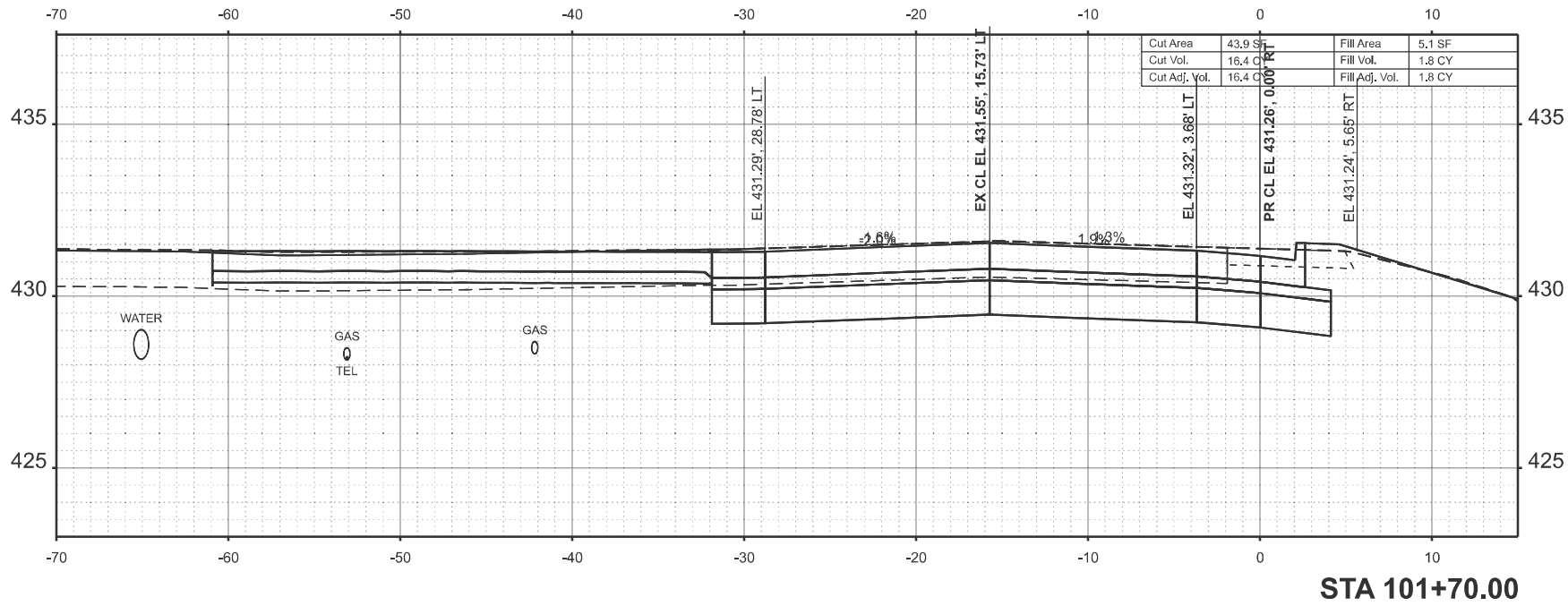
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 29 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	70
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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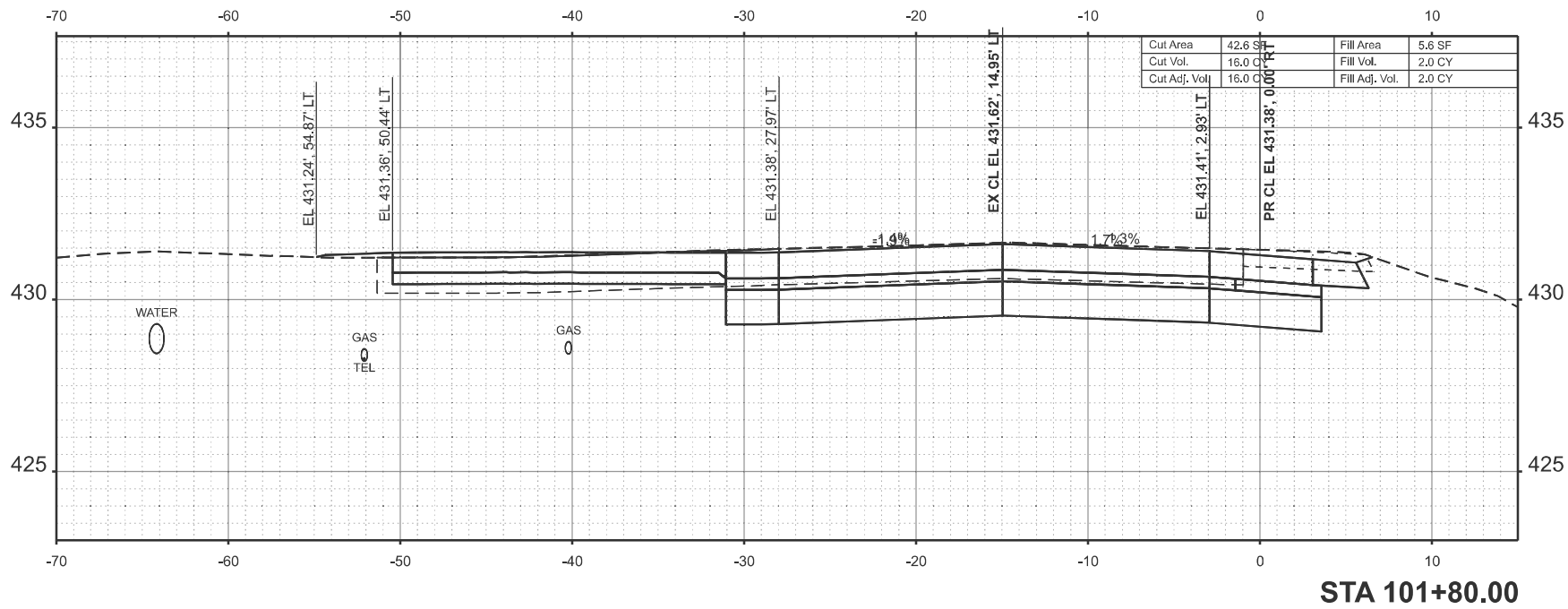
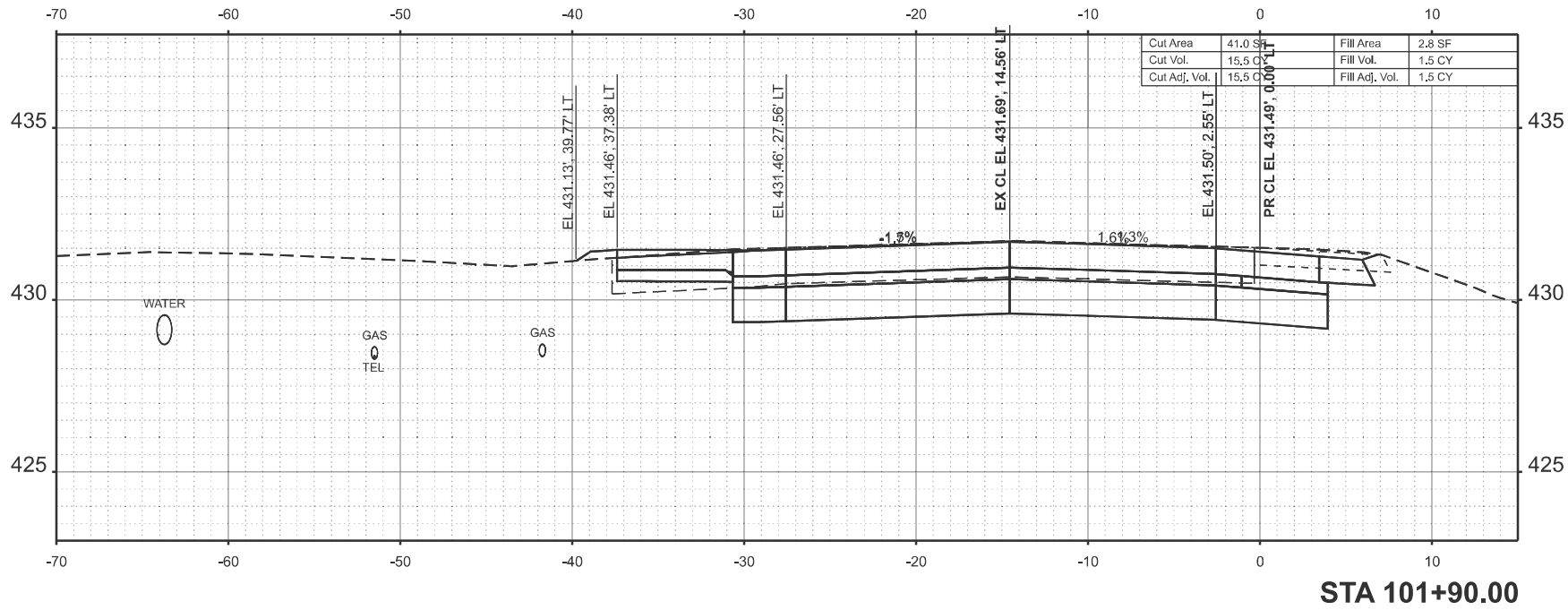
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 30 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	71
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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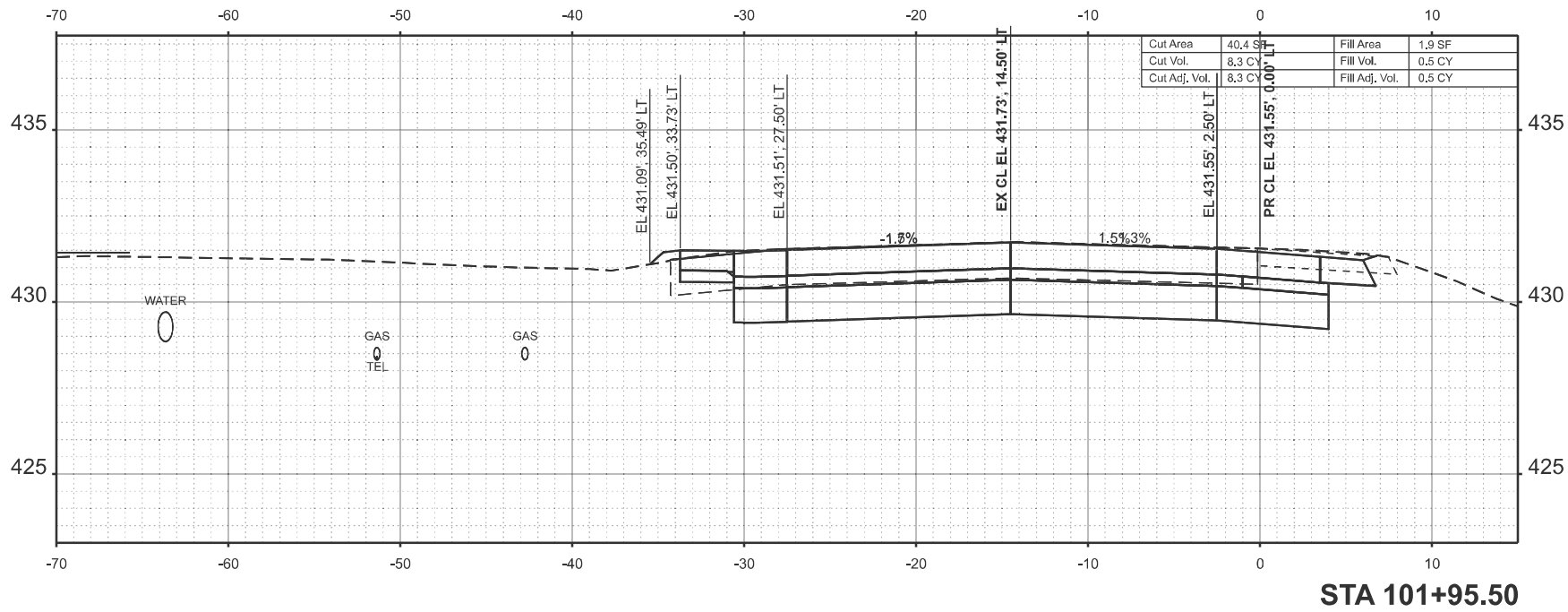
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS			
SCALE: 1"=5'	SHEET 31	OF 57 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	72
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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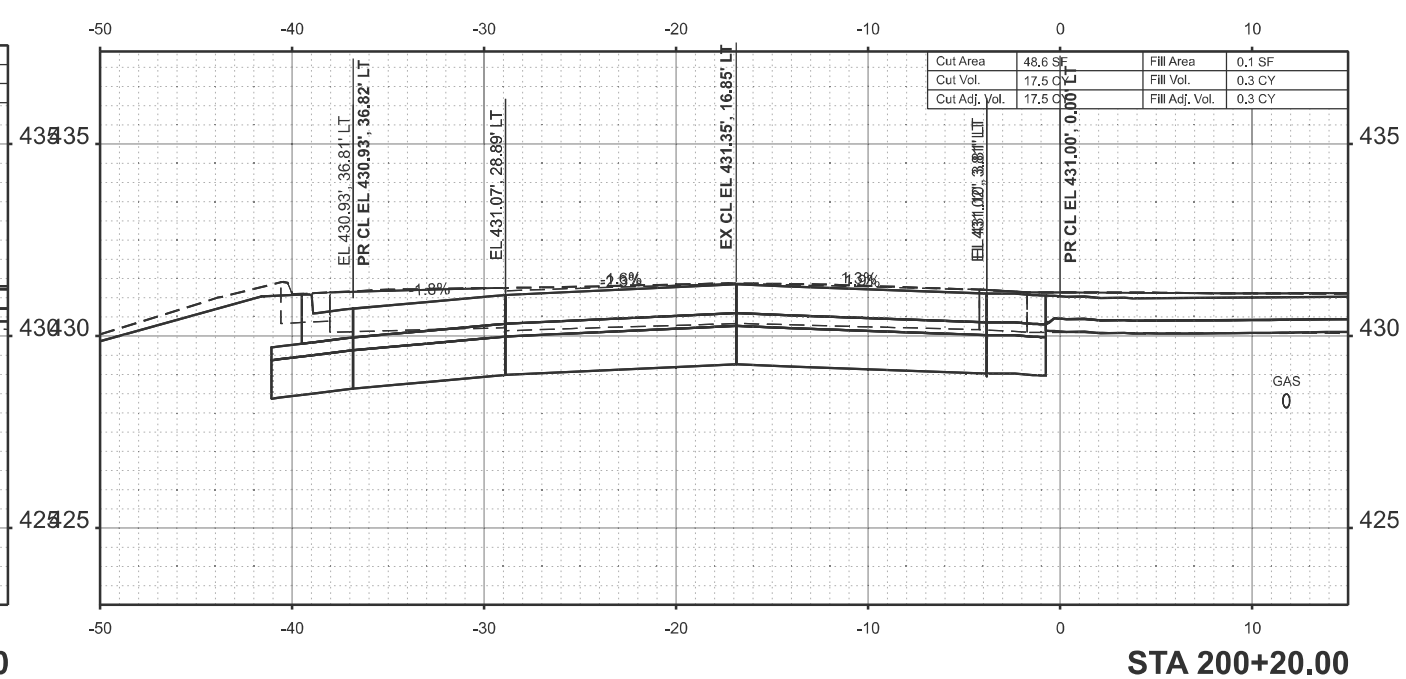
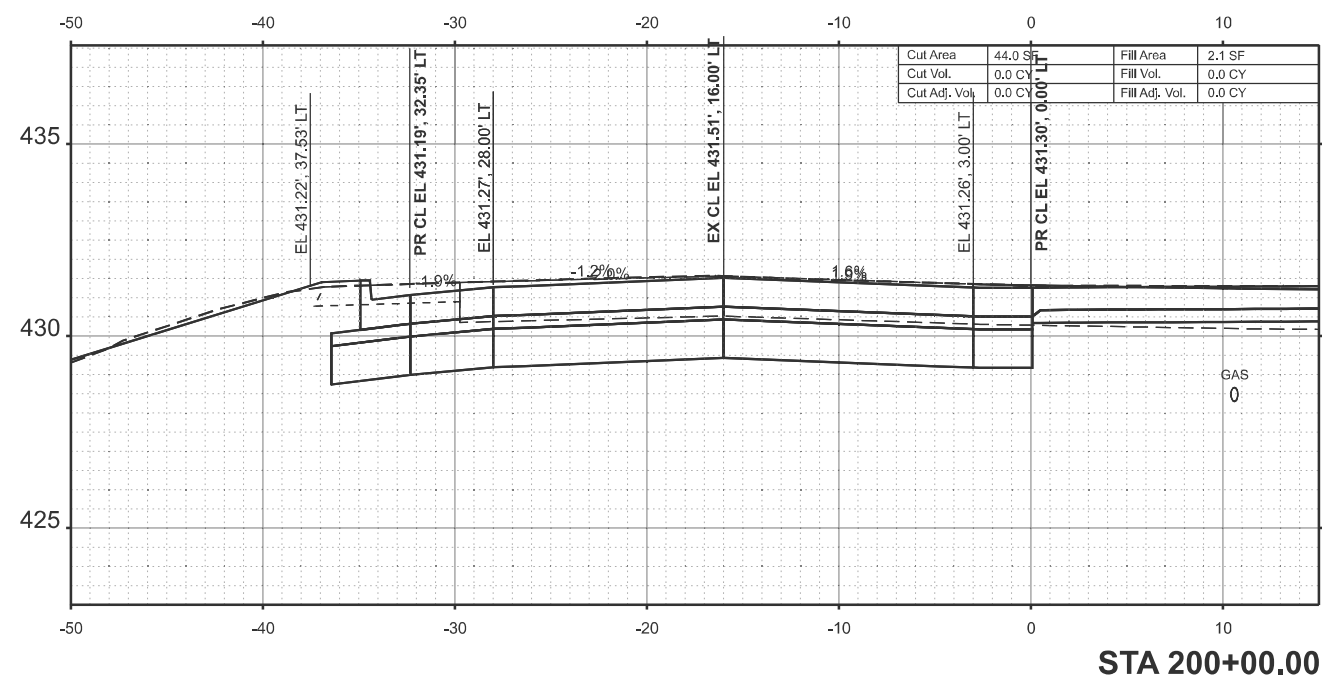
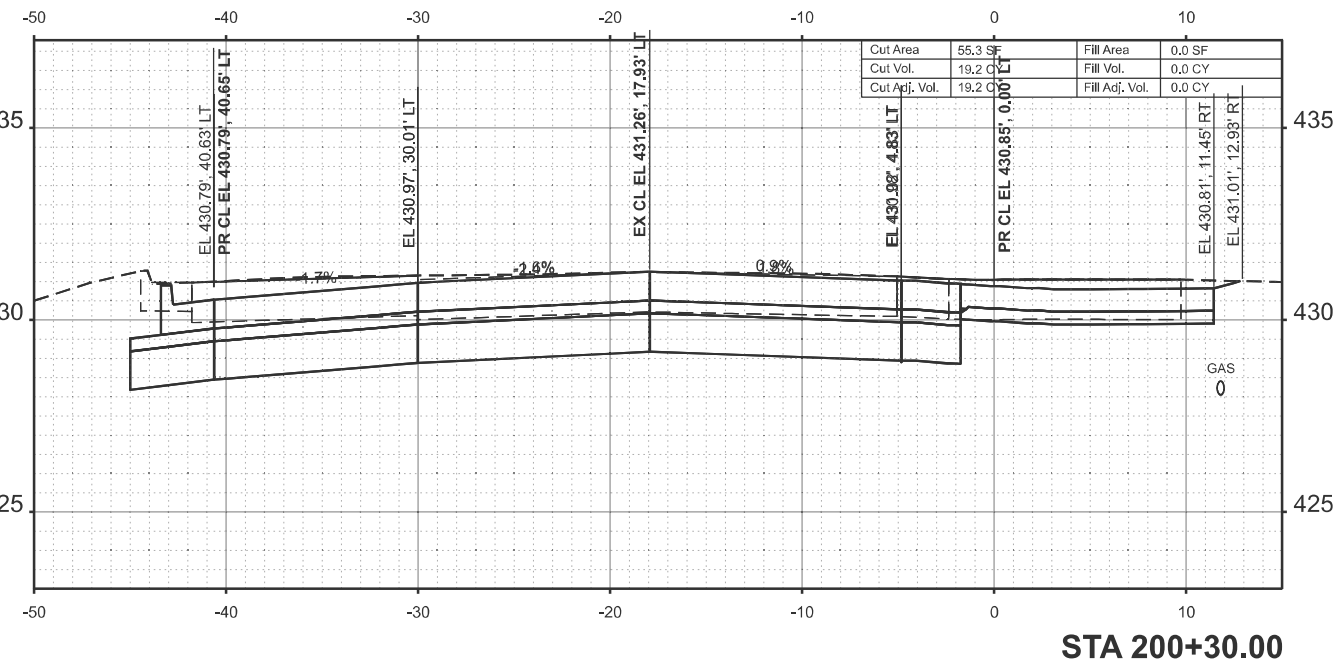
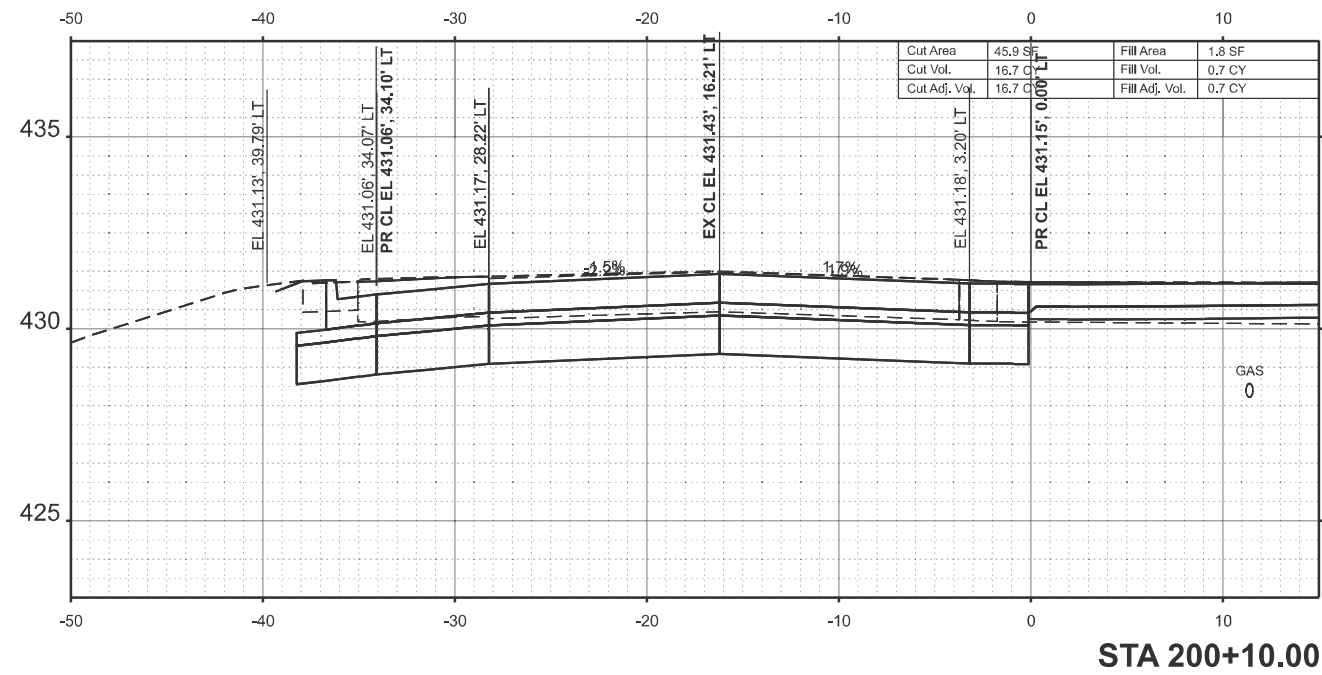
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 32 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	73
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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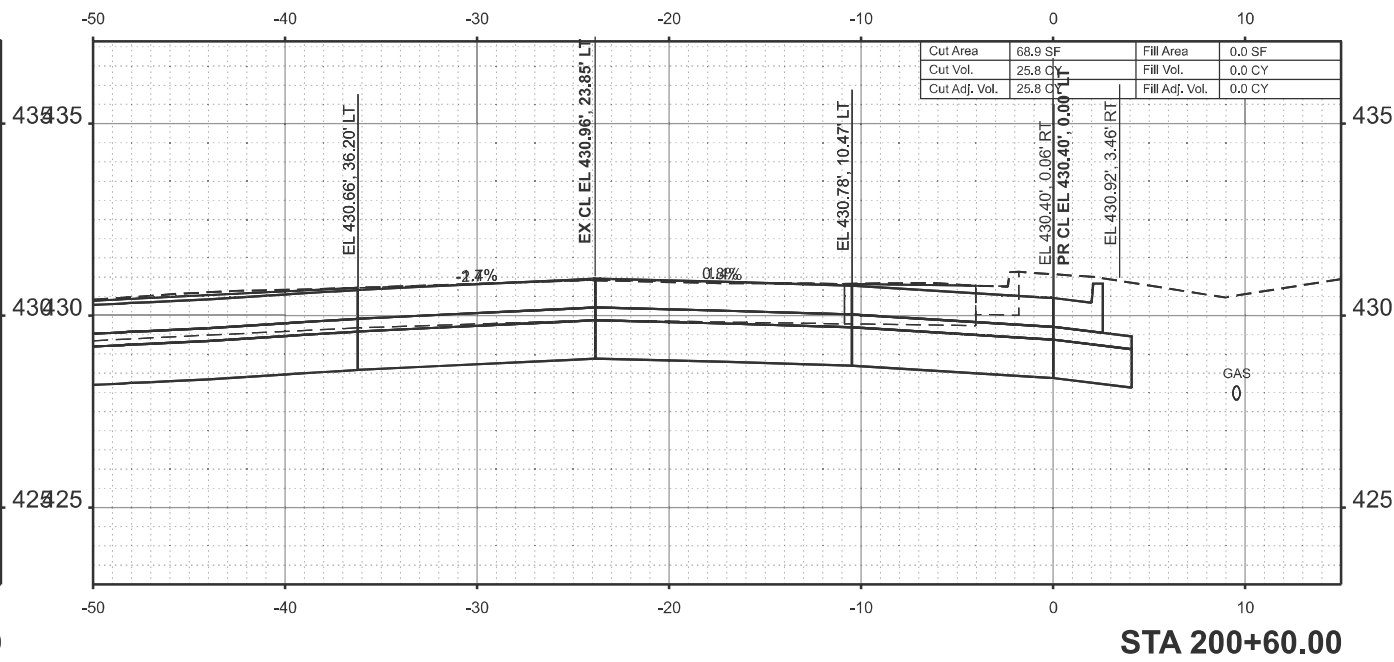
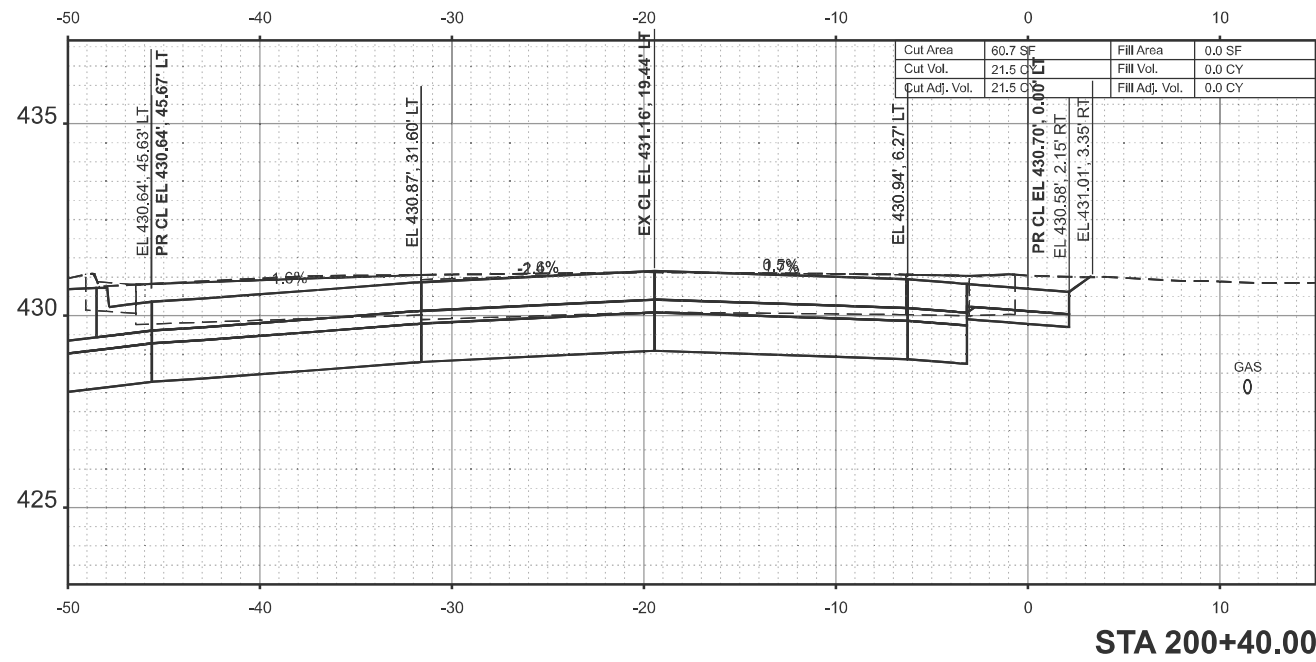
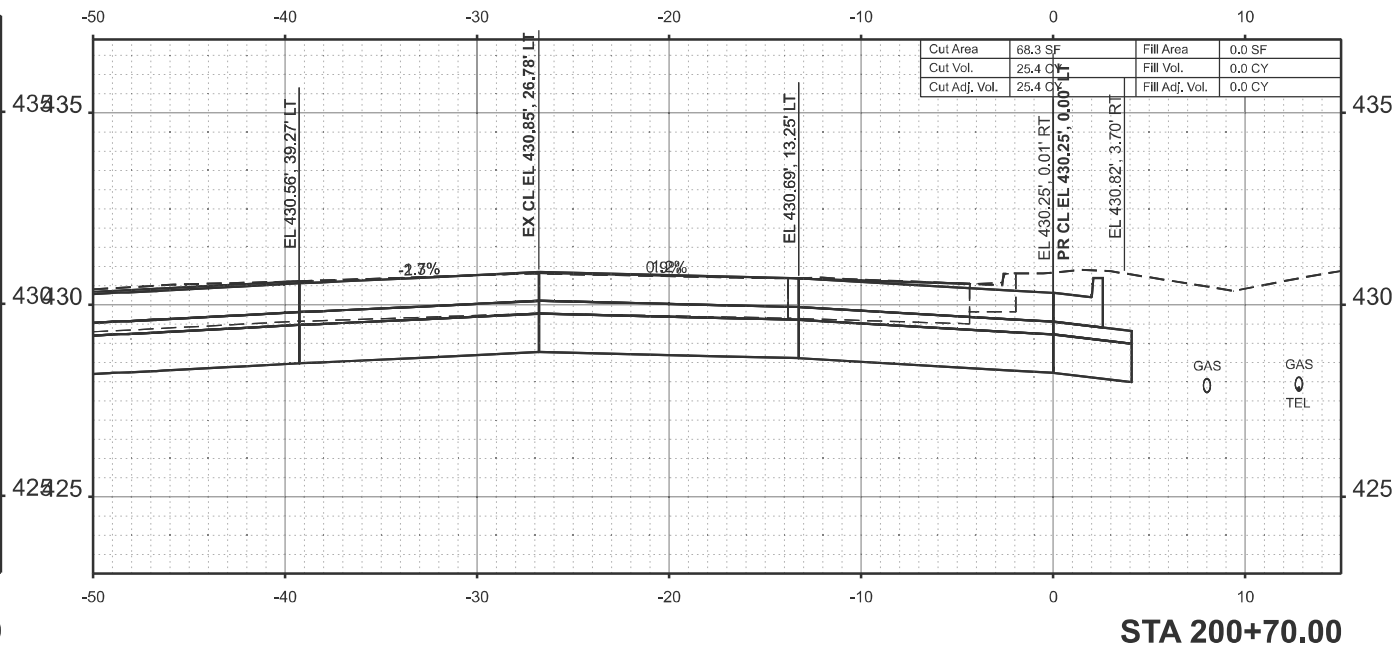
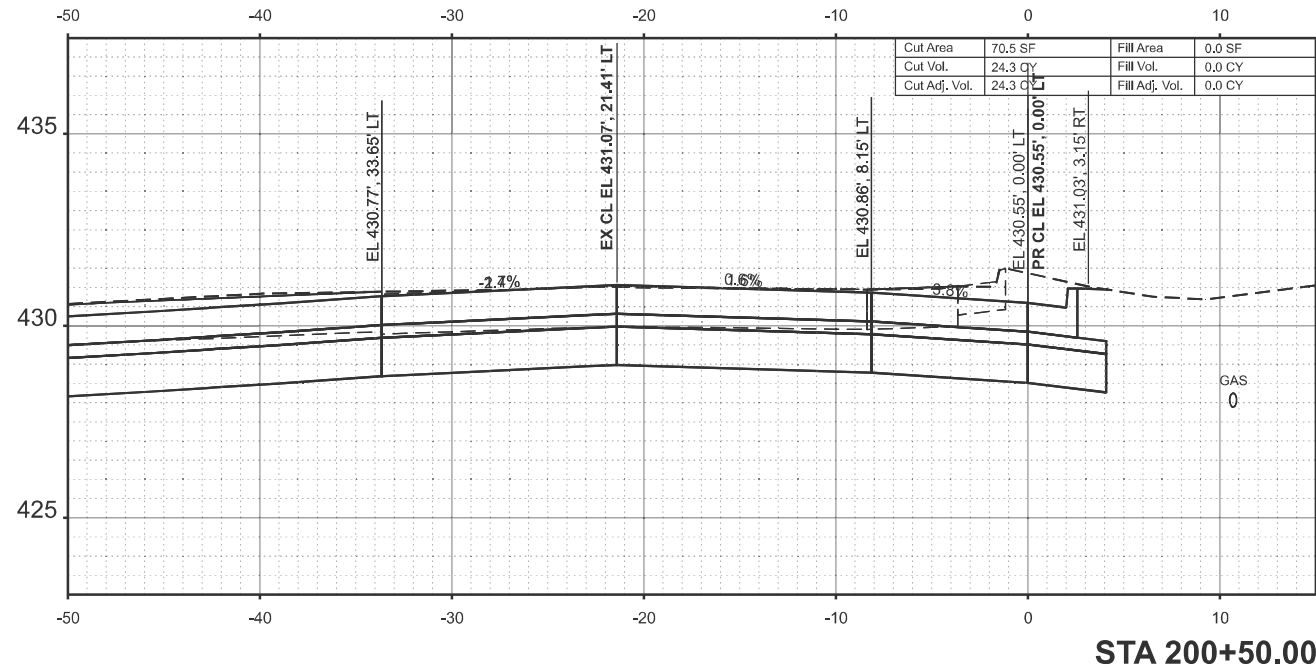
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 33 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	74
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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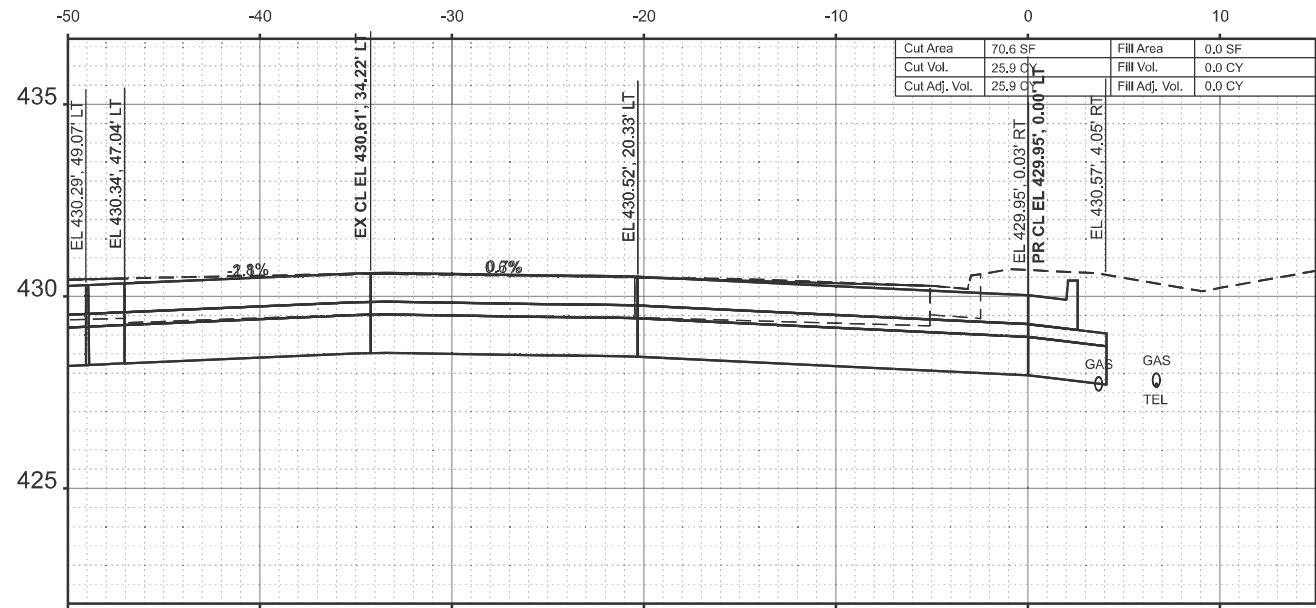
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SE RADIUS CROSS SECTIONS

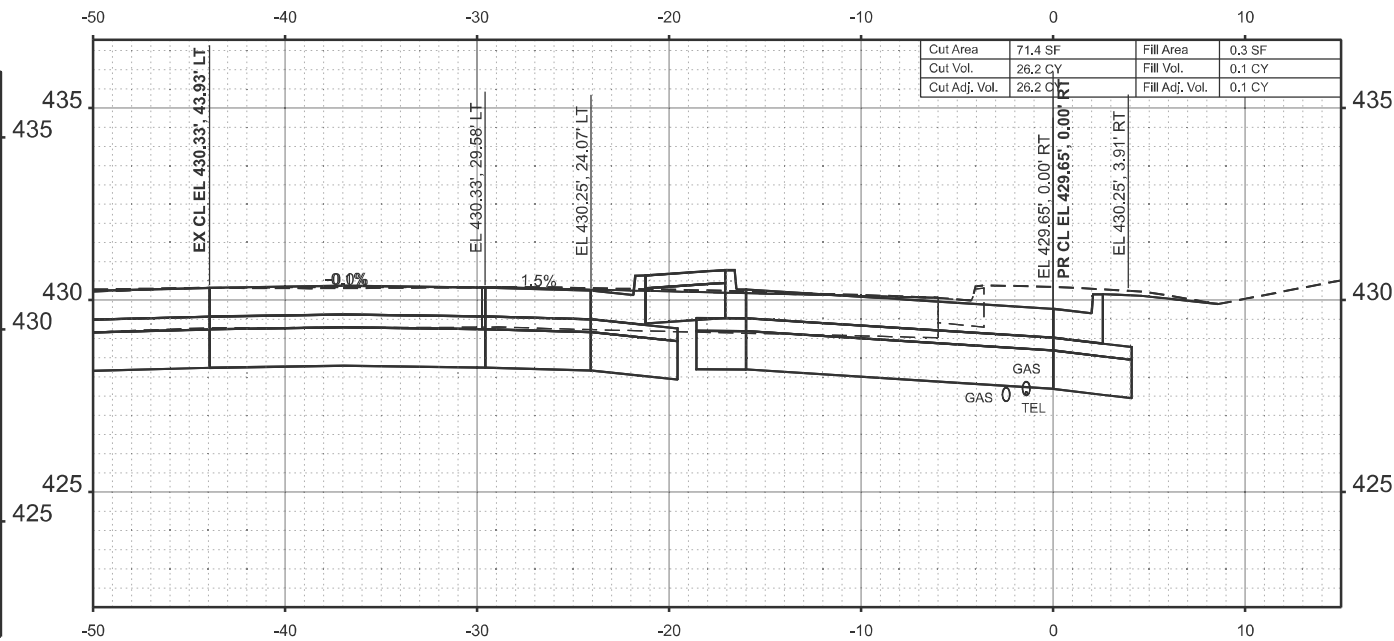
SCALE: 1"=5' SHEET 34 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	75
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

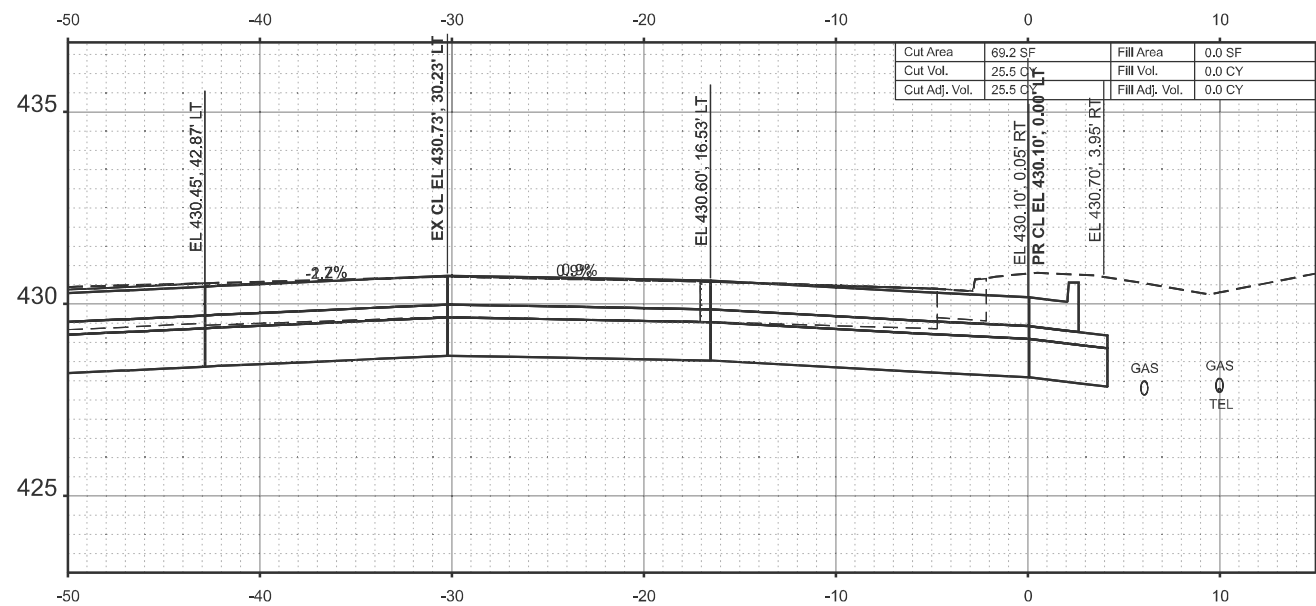
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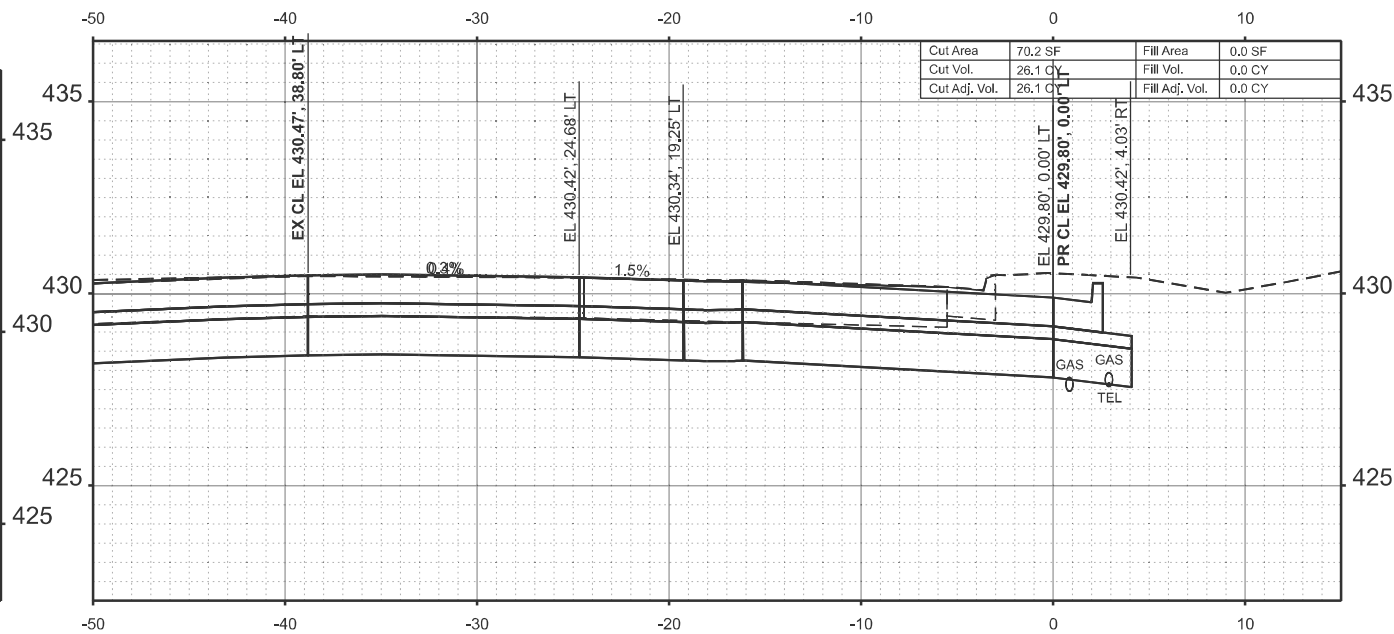
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STA 201+10.00



STA 200+80.00



STA 201+00.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

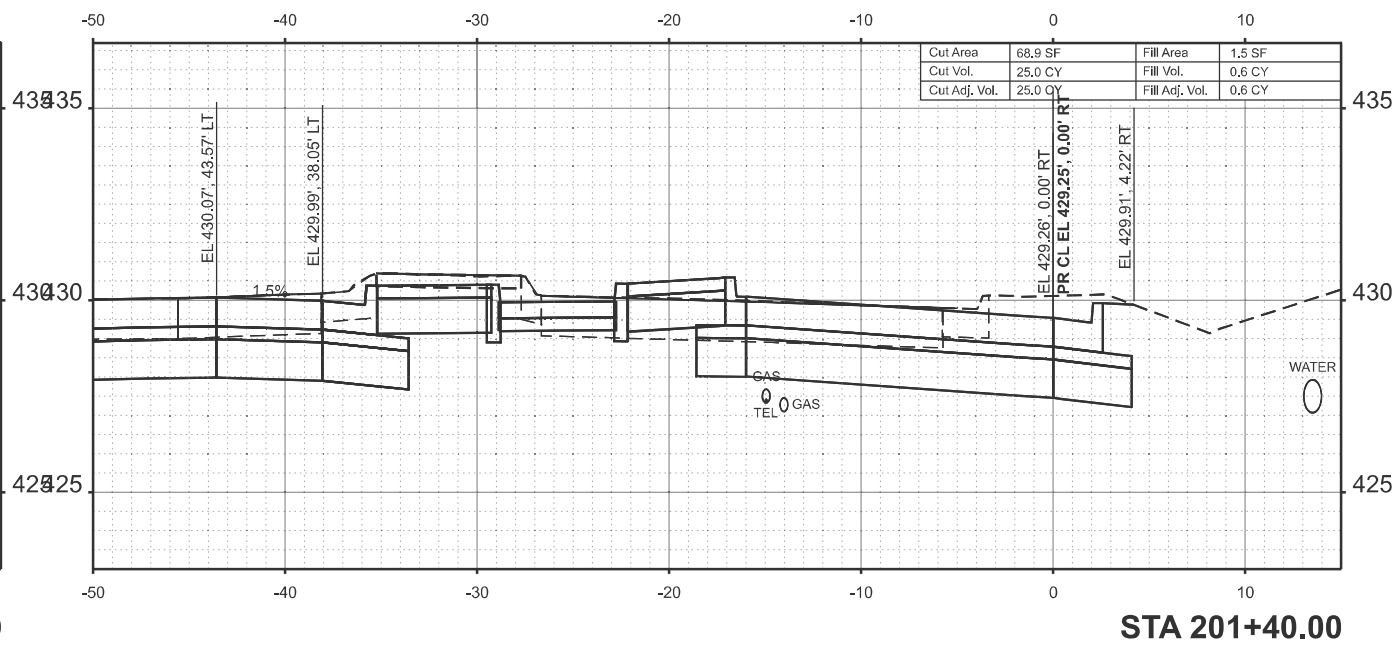
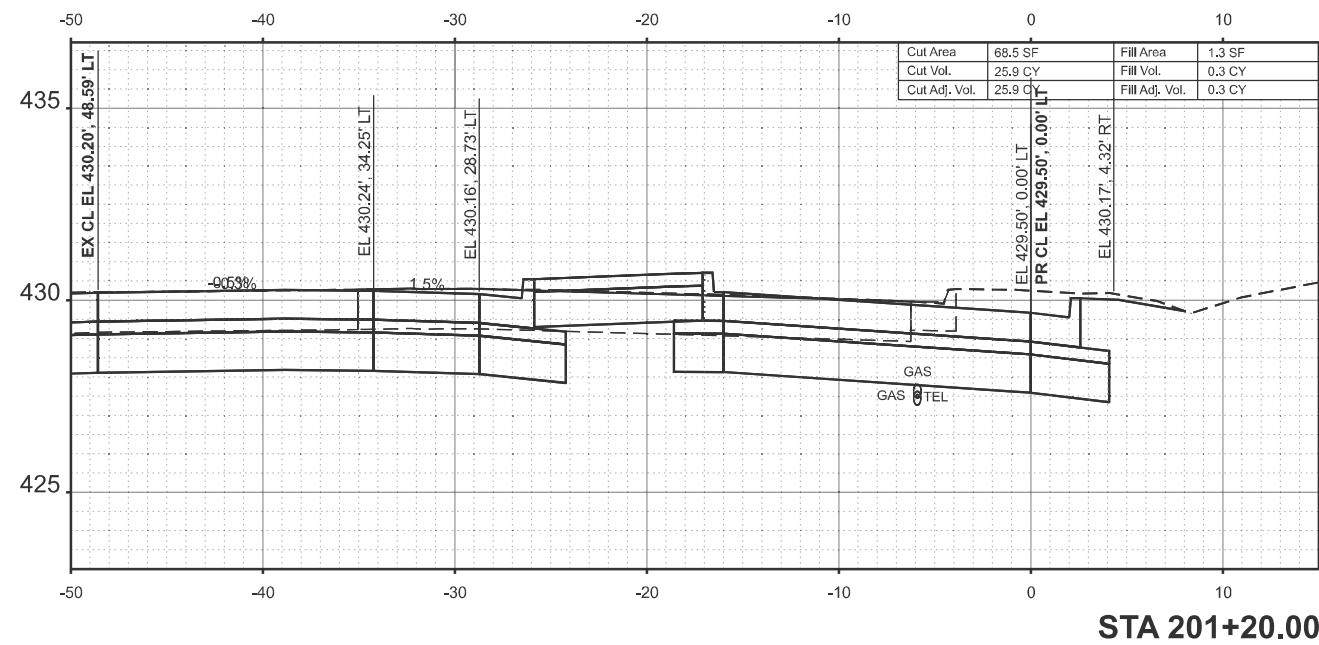
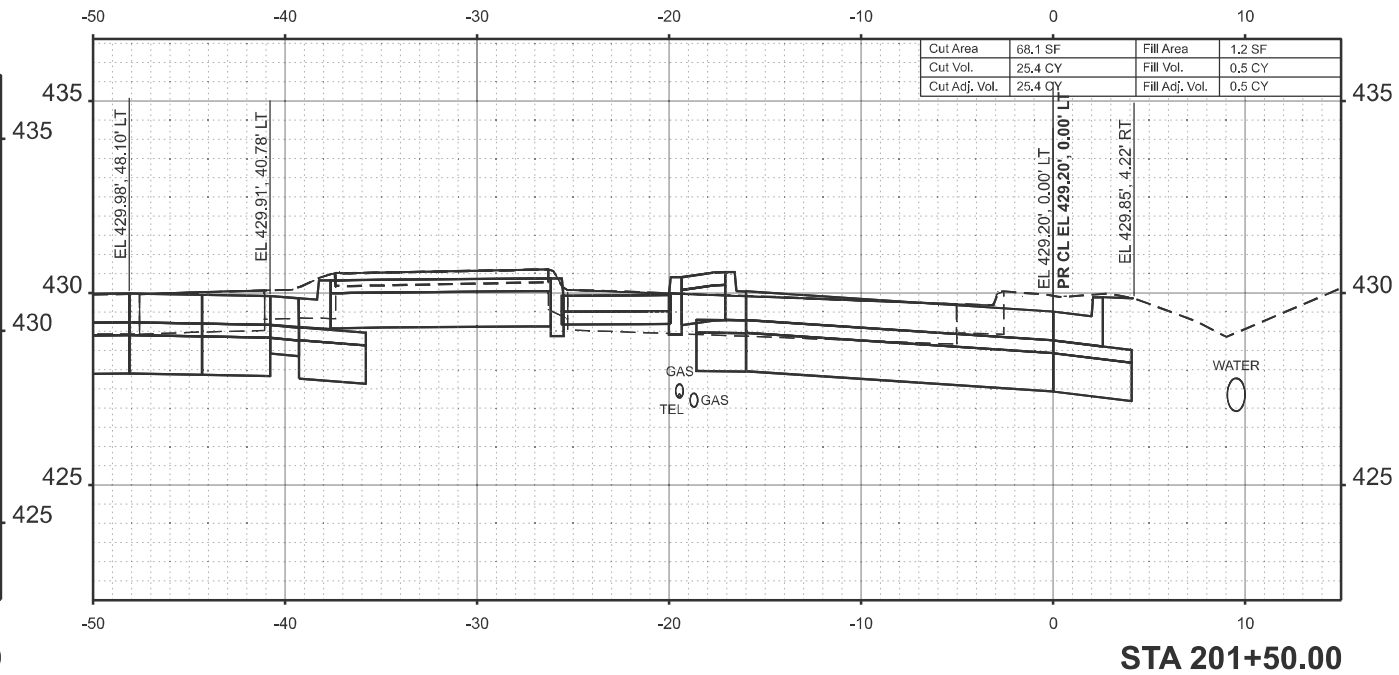
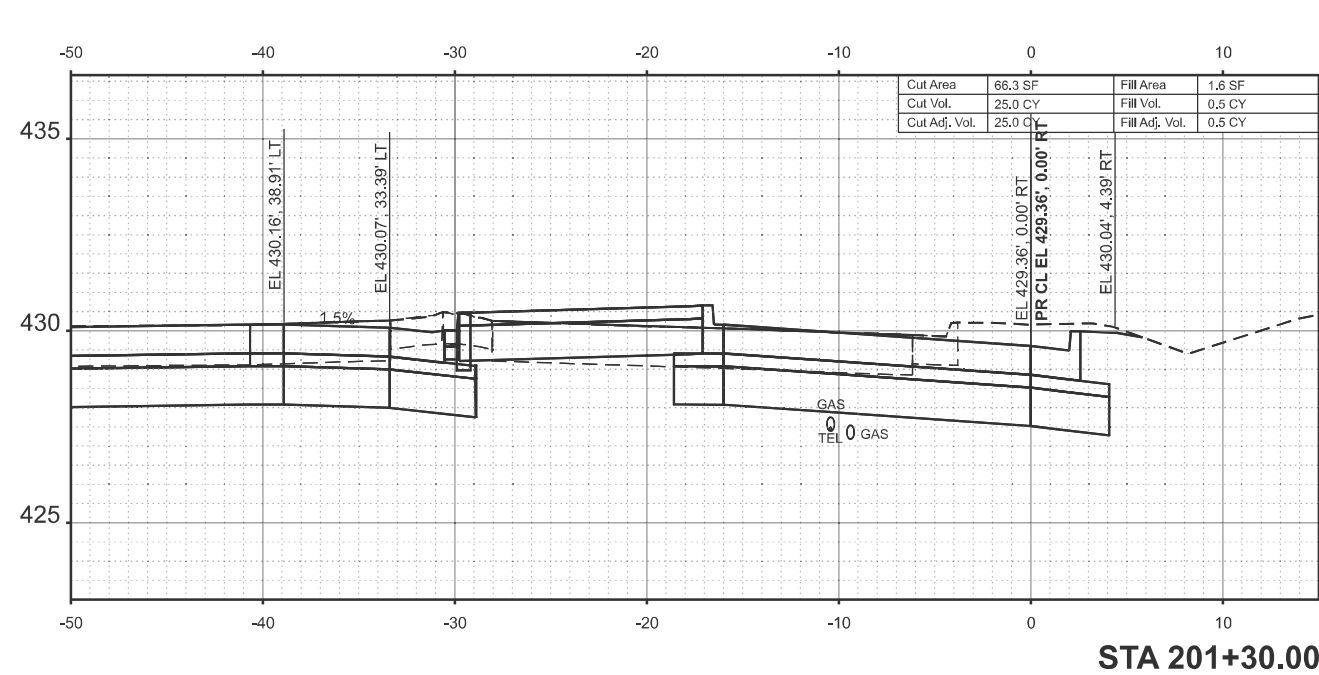
SE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 35 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	76
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

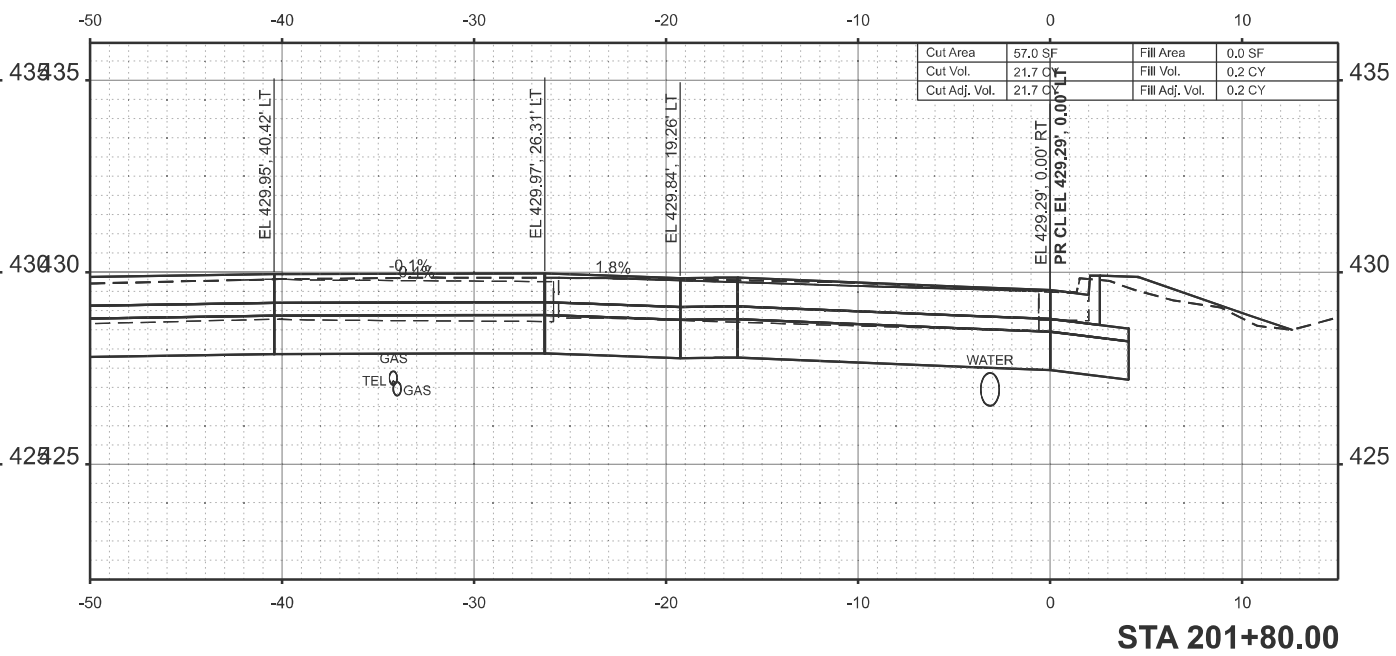
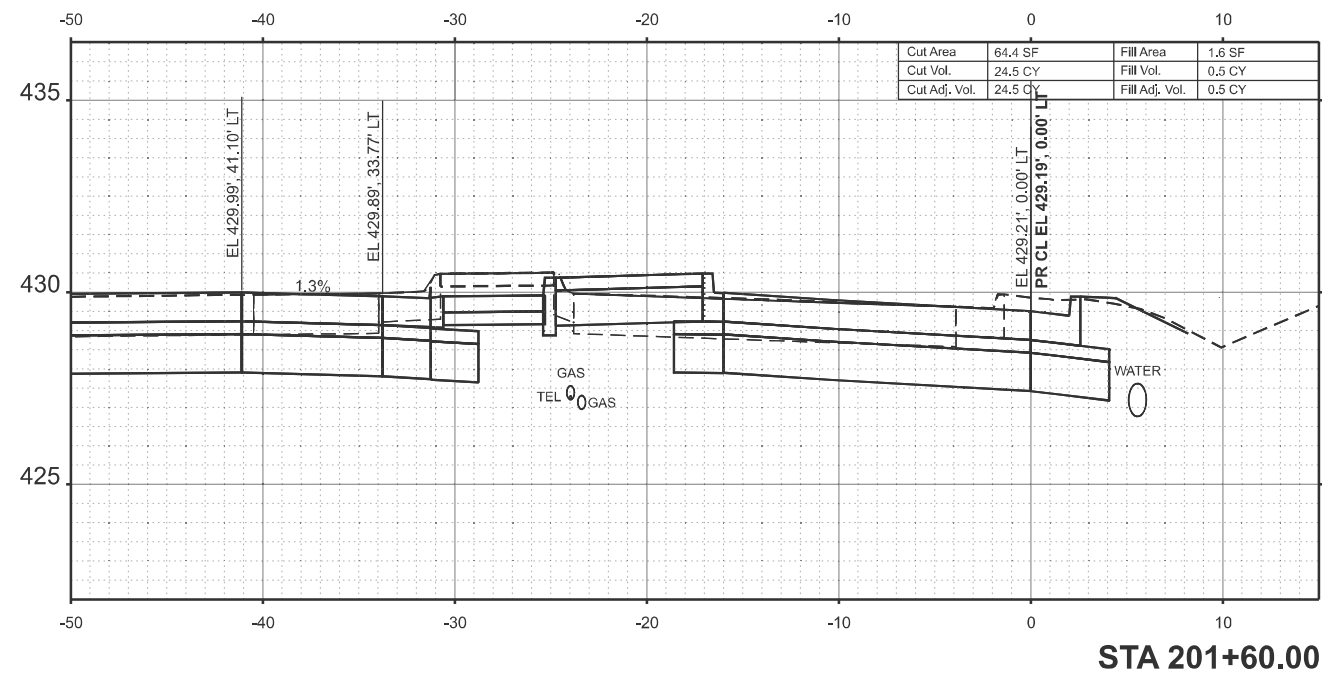
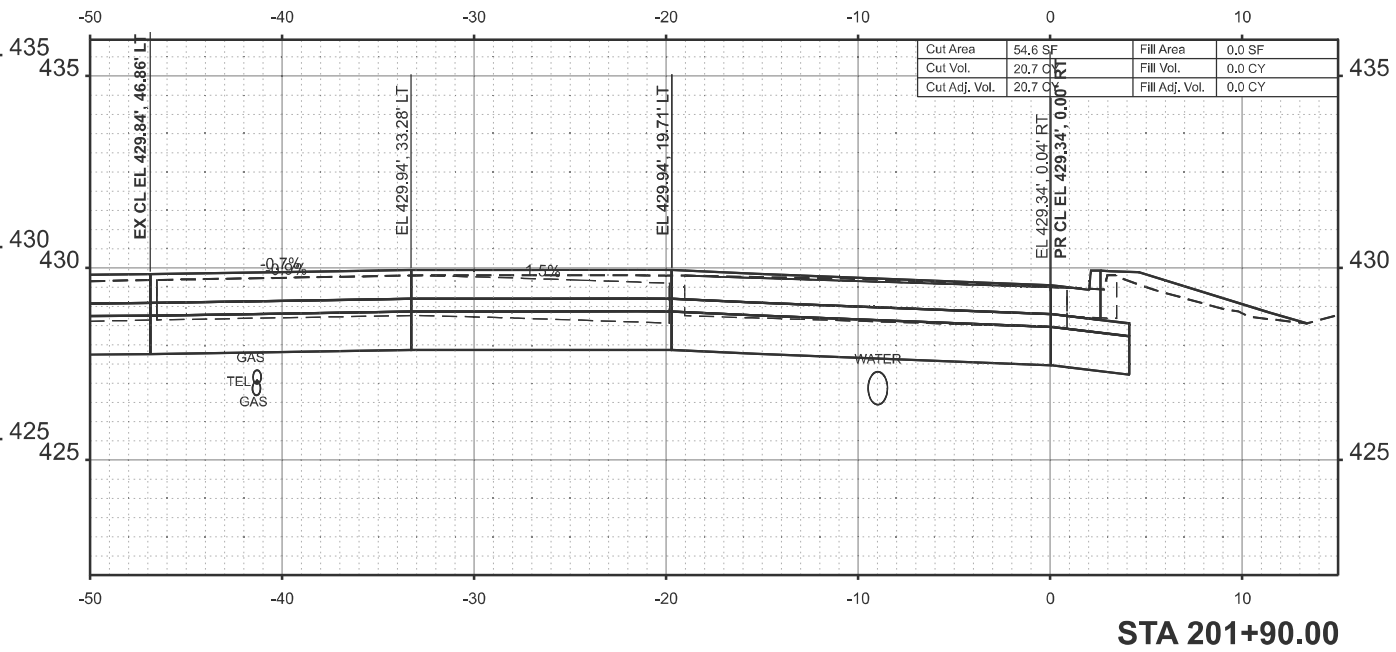
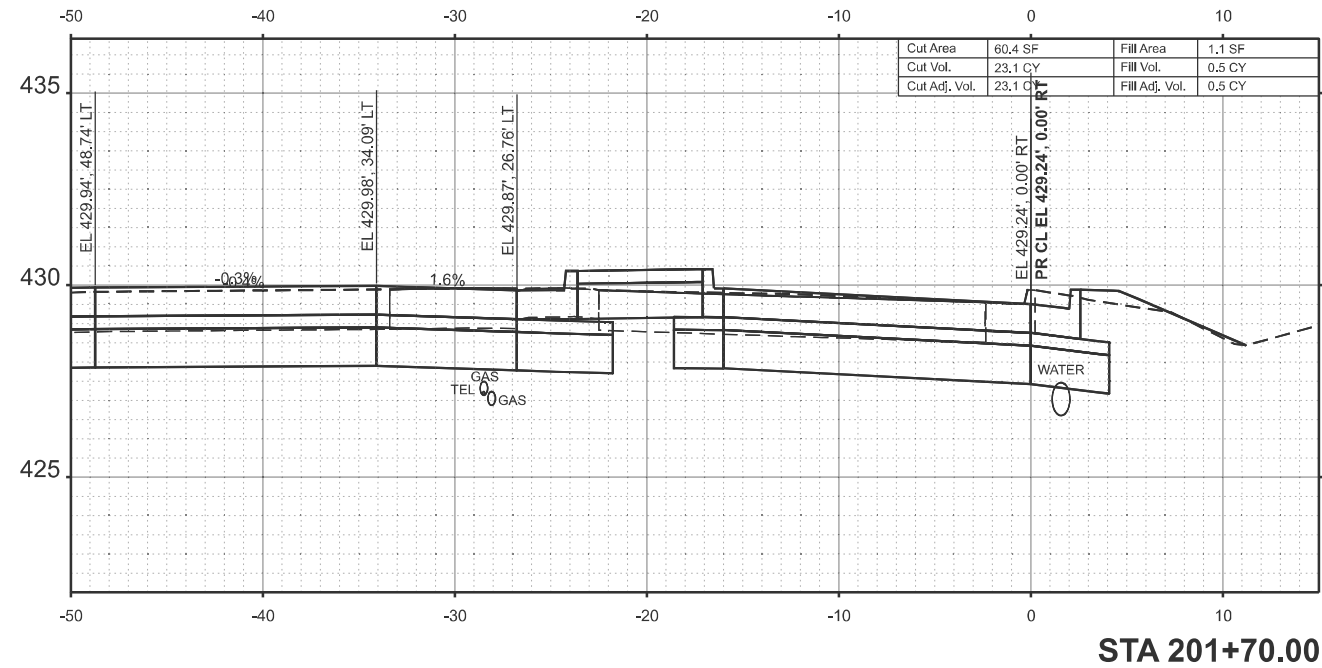
SE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 36 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	77
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

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		CHECKED -	REVISED -
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

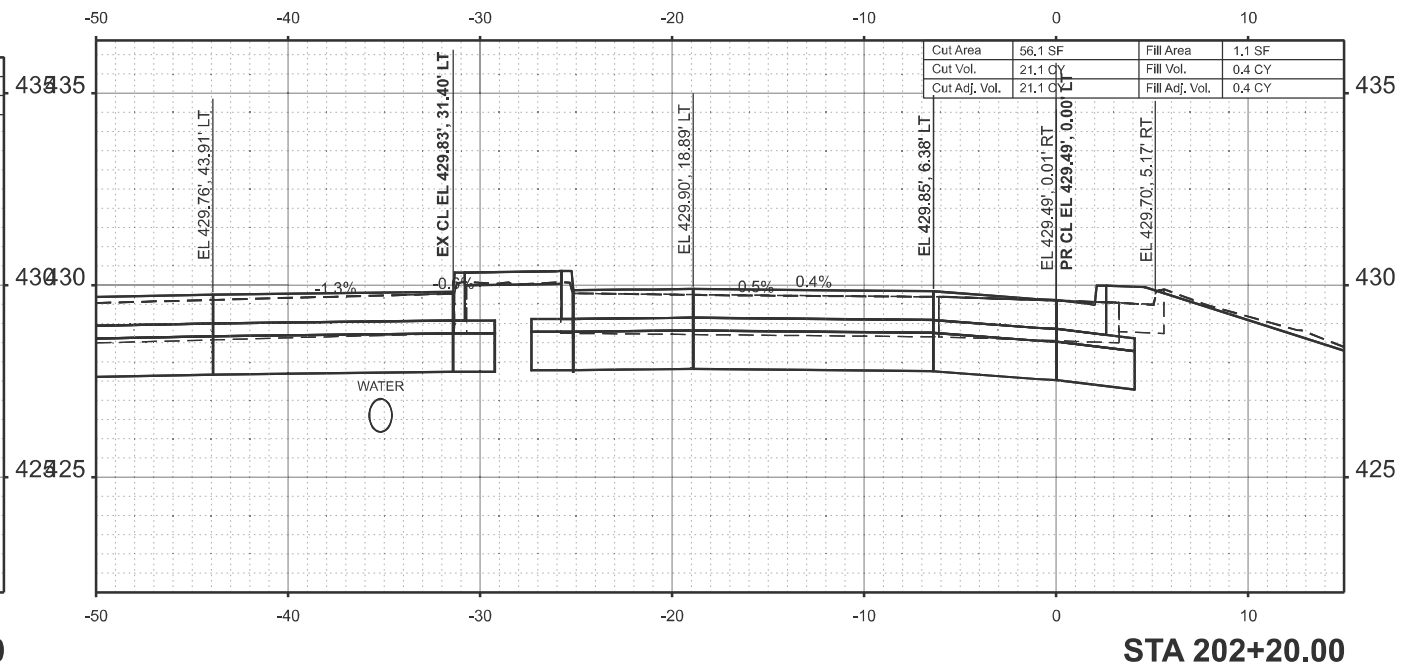
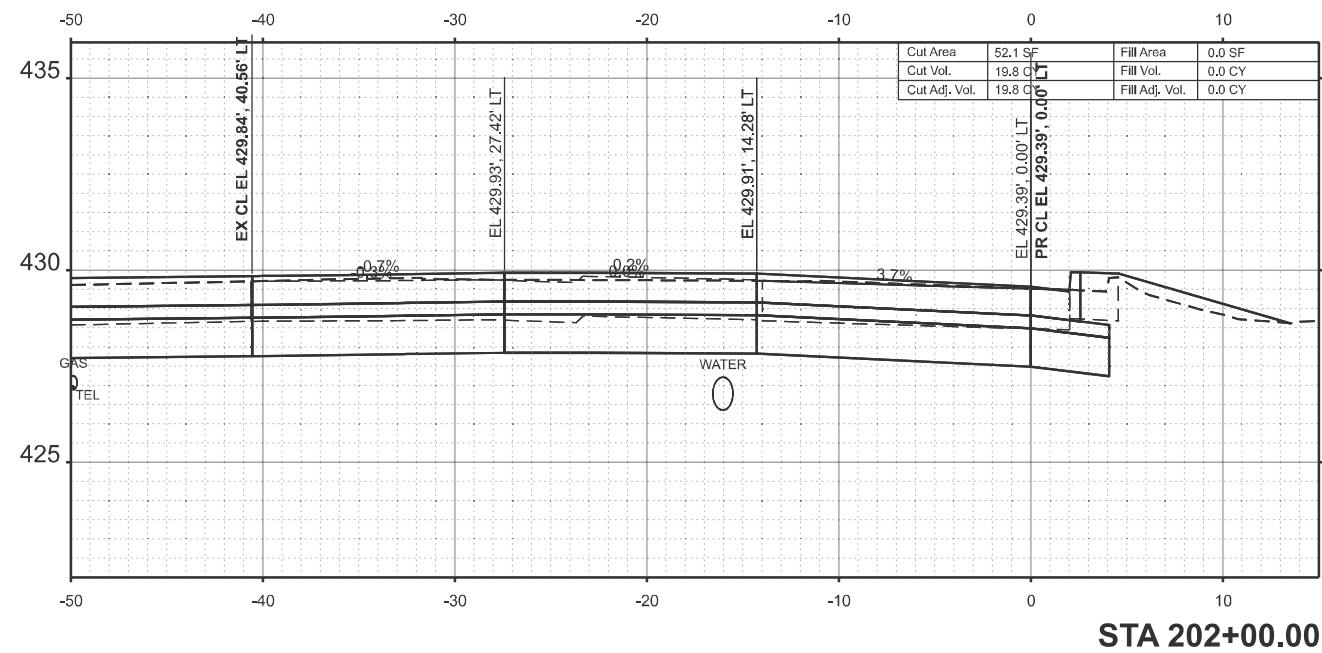
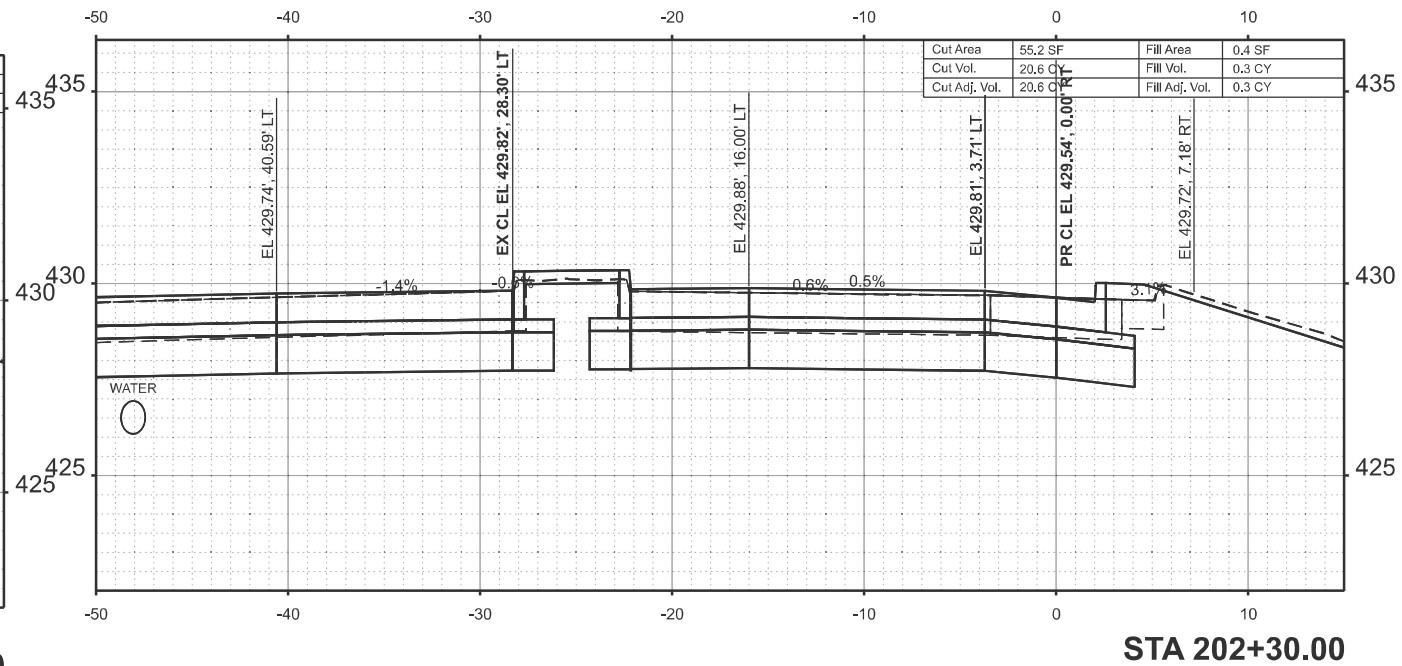
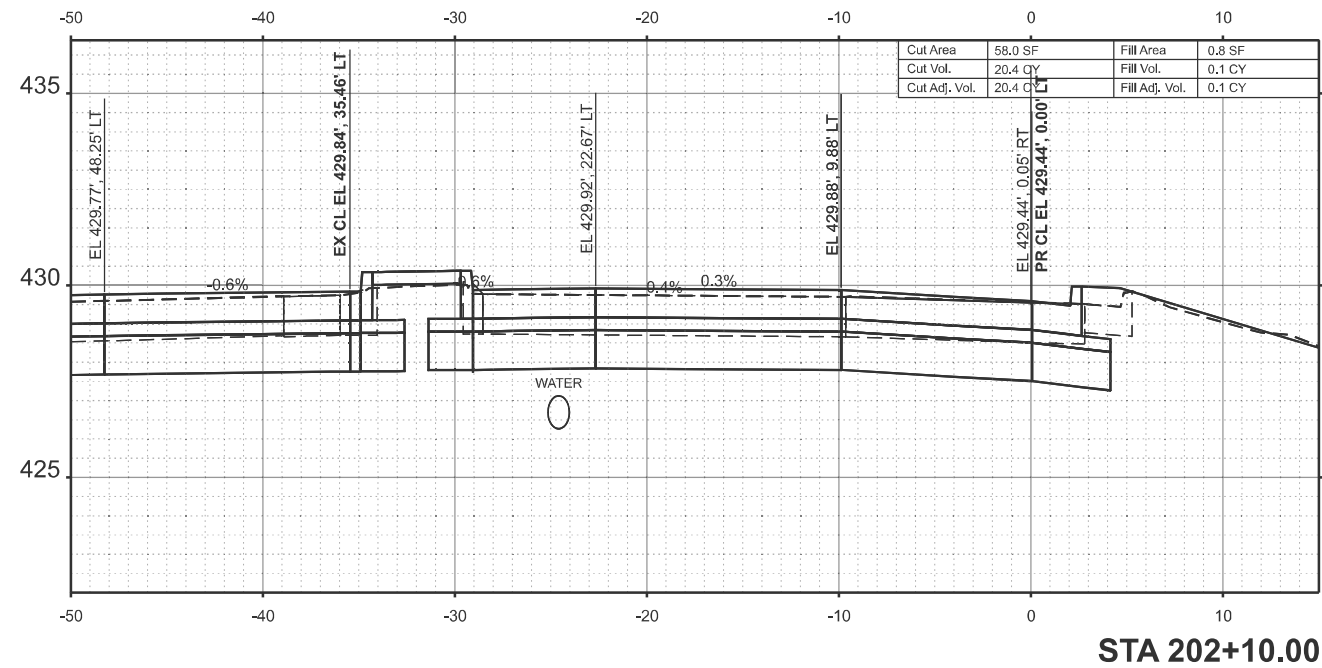
SE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 37 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	78
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: SE Rad - 202+00.00 [Sheet]
FILE NAME: c:\p\work\p\work\illinois.gov_tristen.reid@illinois.gov\0962689\0978A38-Sub-X-Section.dgn



	USER NAME = tristen.reid	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/3/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

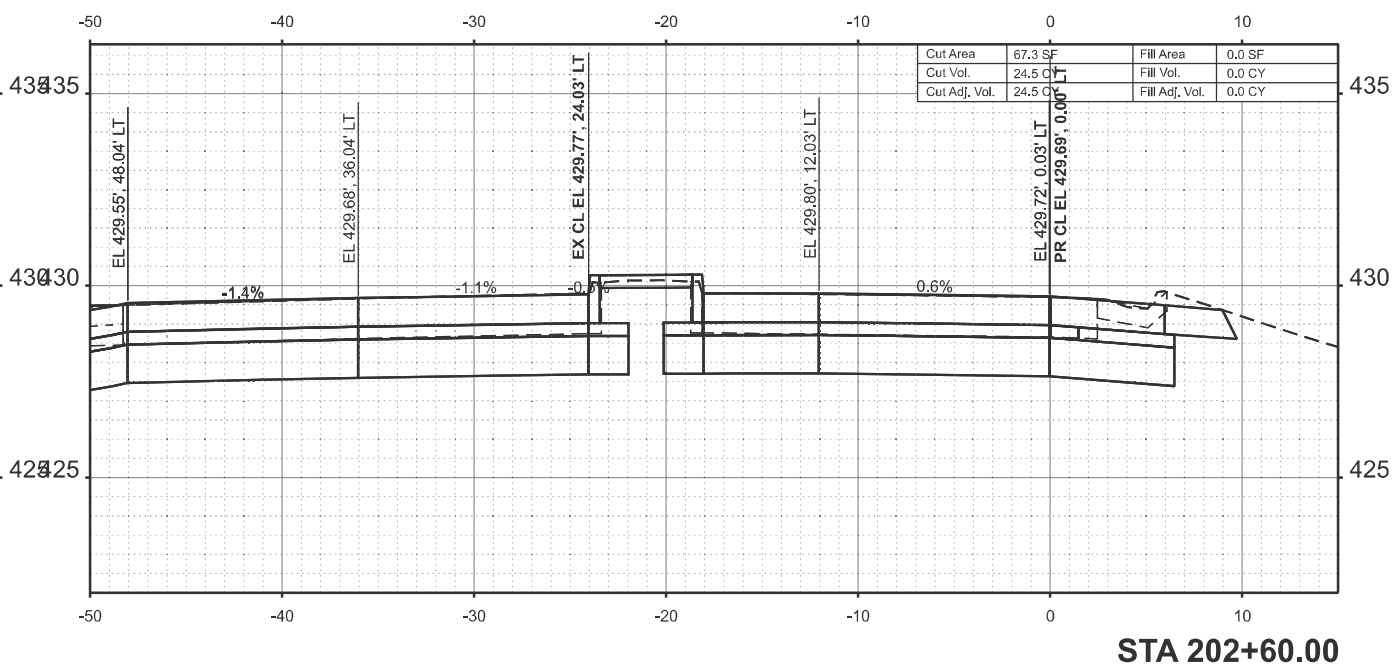
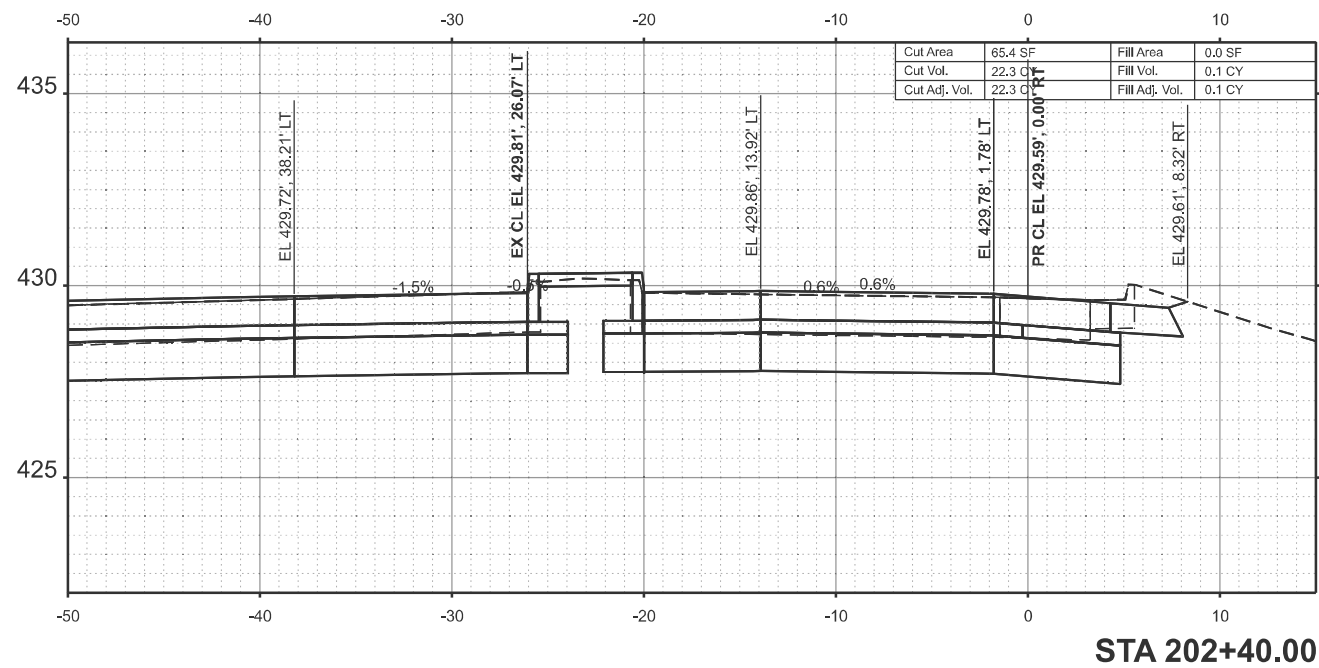
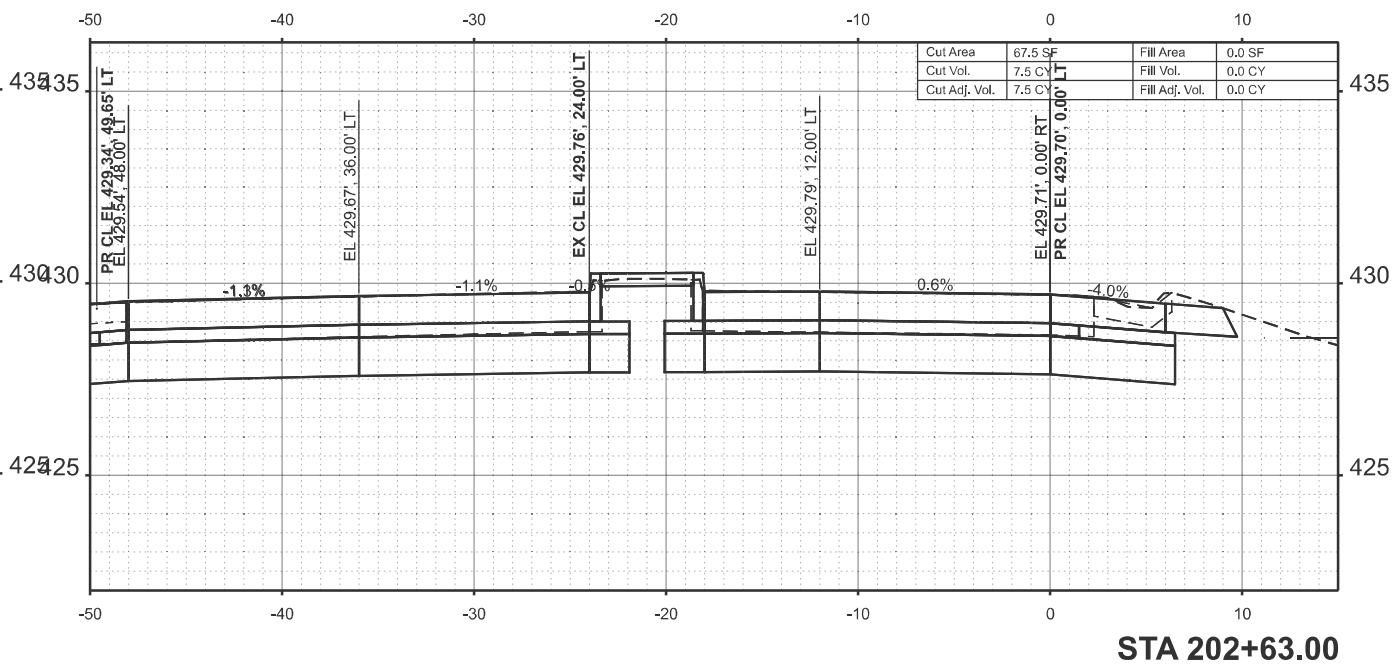
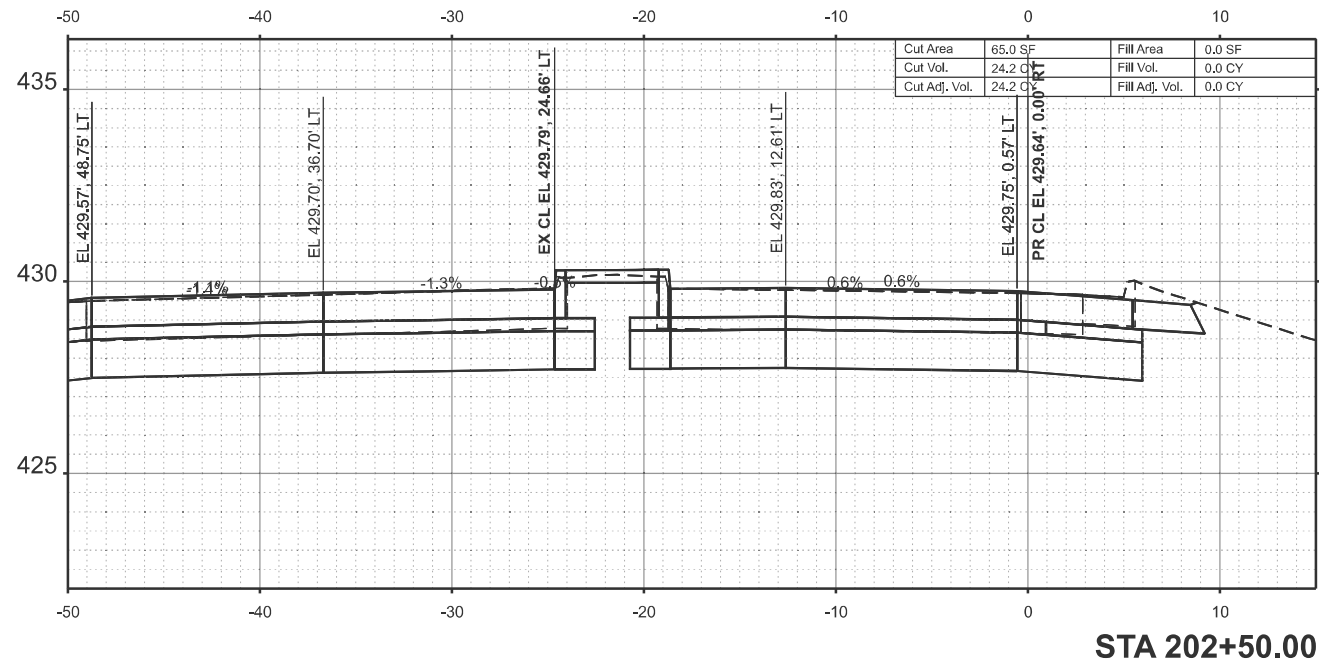
SE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 38 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	79
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: SE Rad - 202+40.00 [Sheet]
FILE NAME: c:\p\work\illinois.gov\tristen.reid@illinois.gov\1978A38-SJUX-XSection.dgn



	USER NAME = tristen.reid	DESIGNED -	REVISED -
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	PLOT DATE = 12/3/2024	DATE -	REVISED -

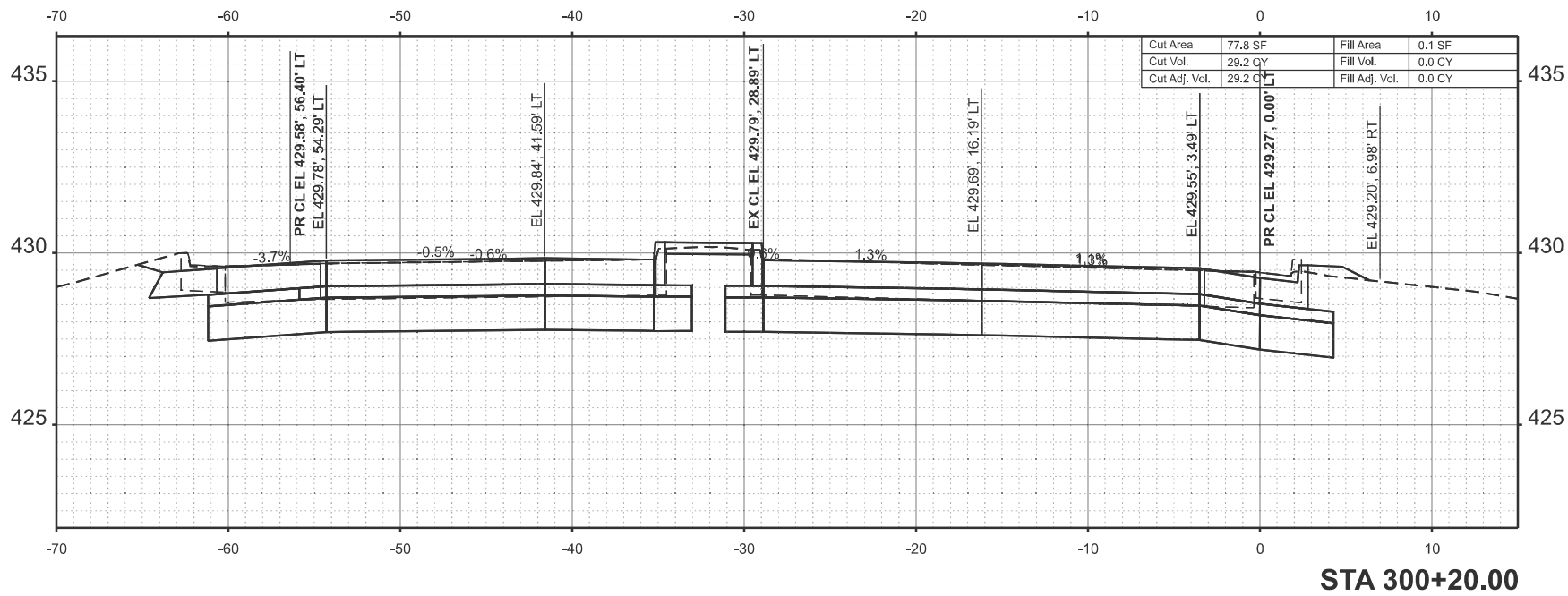
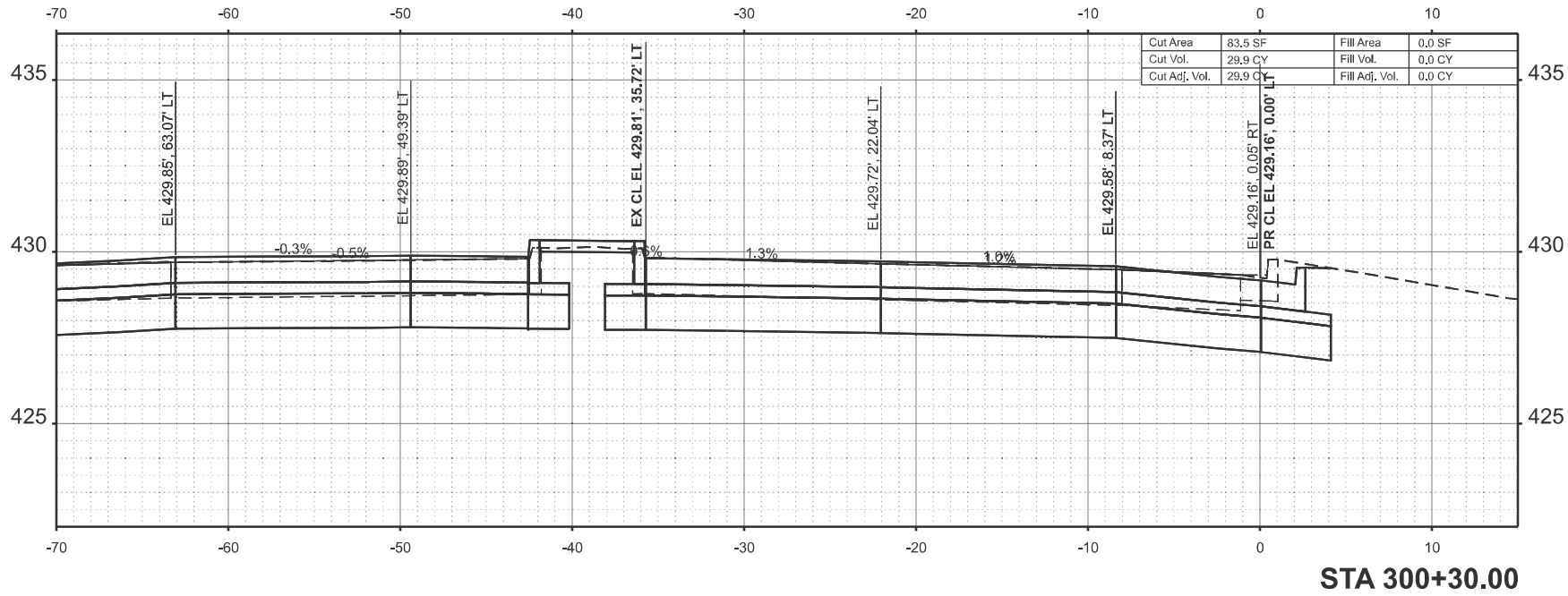
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 39 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	80
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NE Rad - 300+20.00 [Sheet]
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

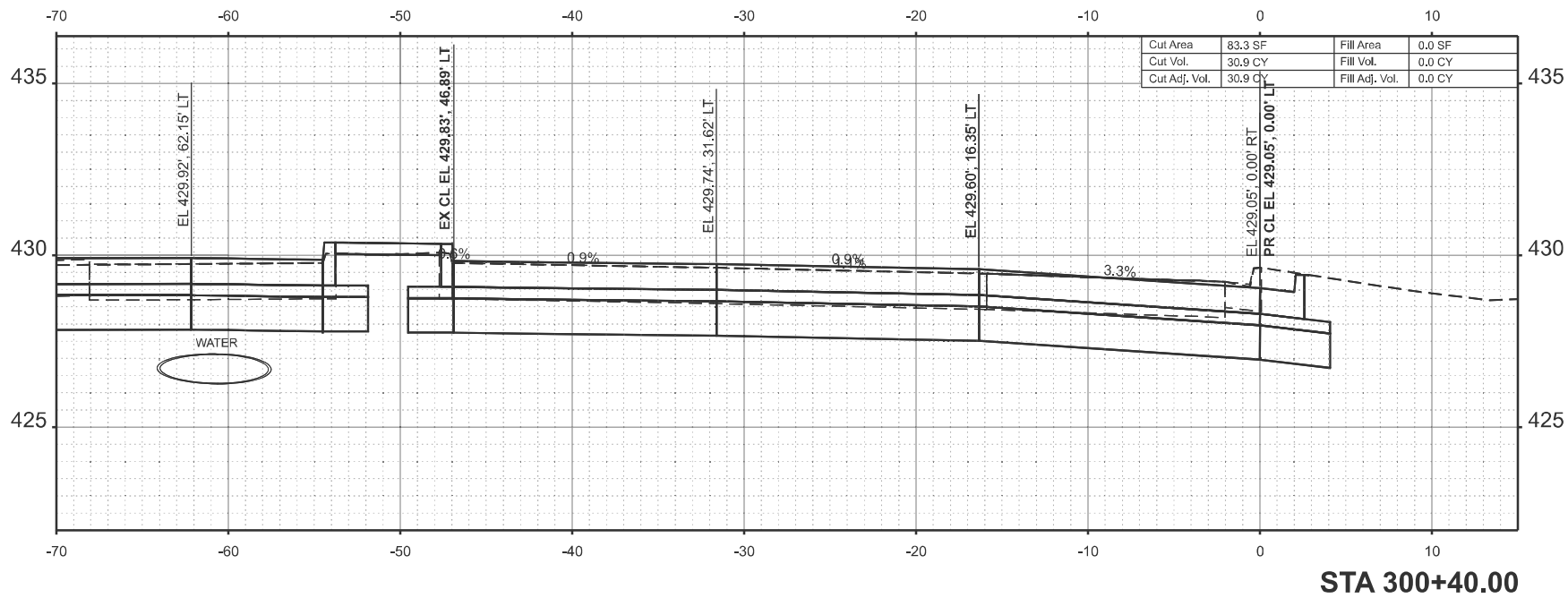
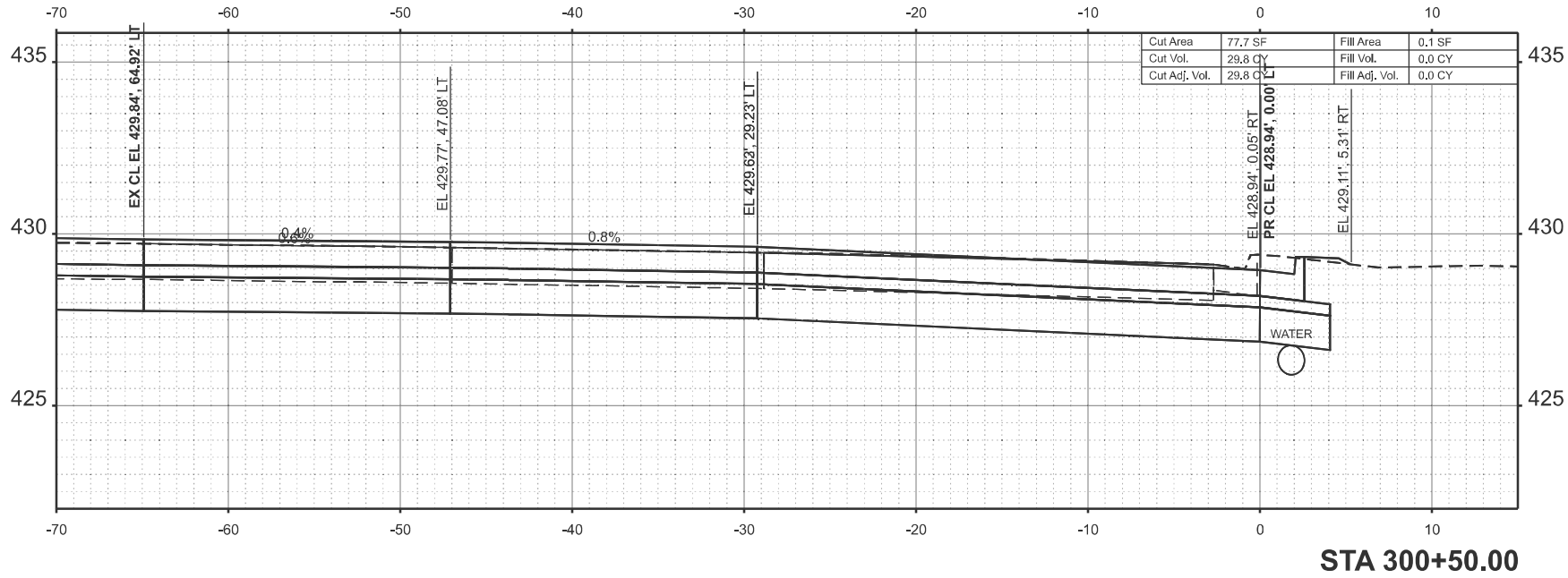
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 41 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	82
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NE Rad - 300+40.00 [Sheet]
FILE NAME: c:\p\work\p\work\illinois.gov\tristen.reid@illinois.gov\1978A38-SJUX-XSection.dgn



PLOT DATE = 12/3/2024	USER NAME = tristen.reid	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
	DATE -	REVISED -	

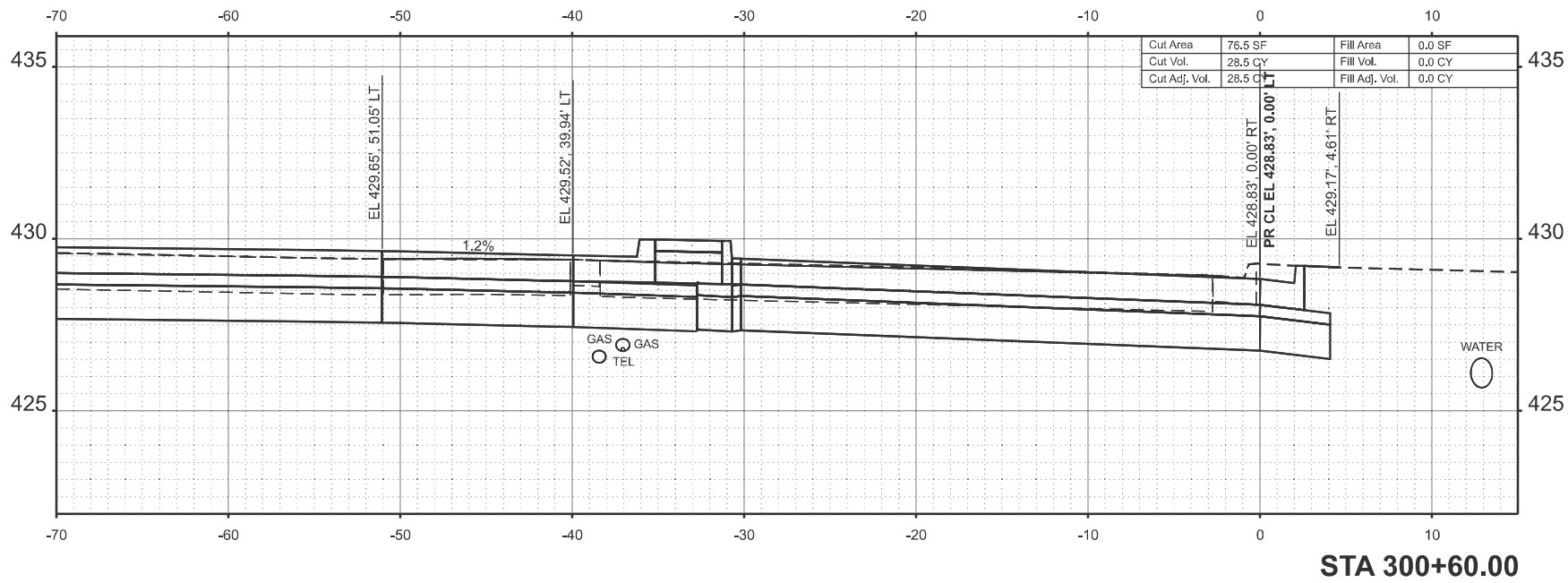
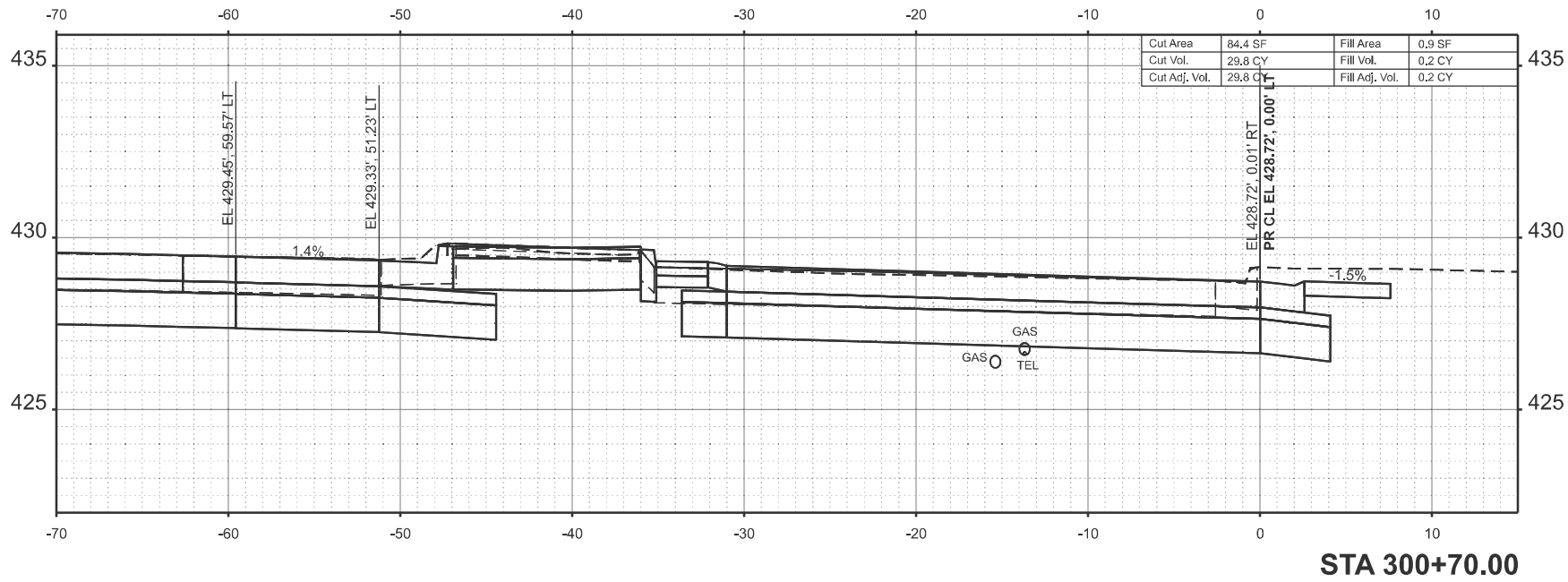
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 42 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	83
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NE Rad - 300+60.00 [Sheet]
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USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
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PLOT DATE	= 12/10/2024	DATE	-	REVISED	-

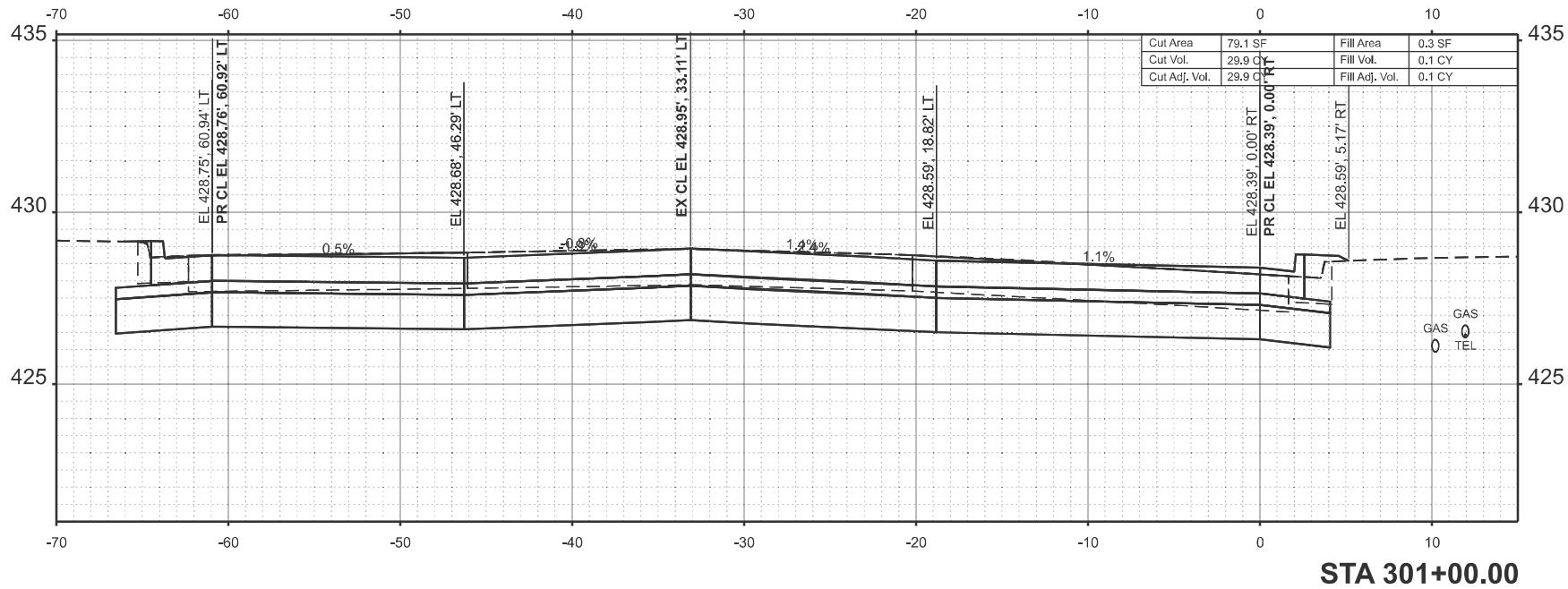
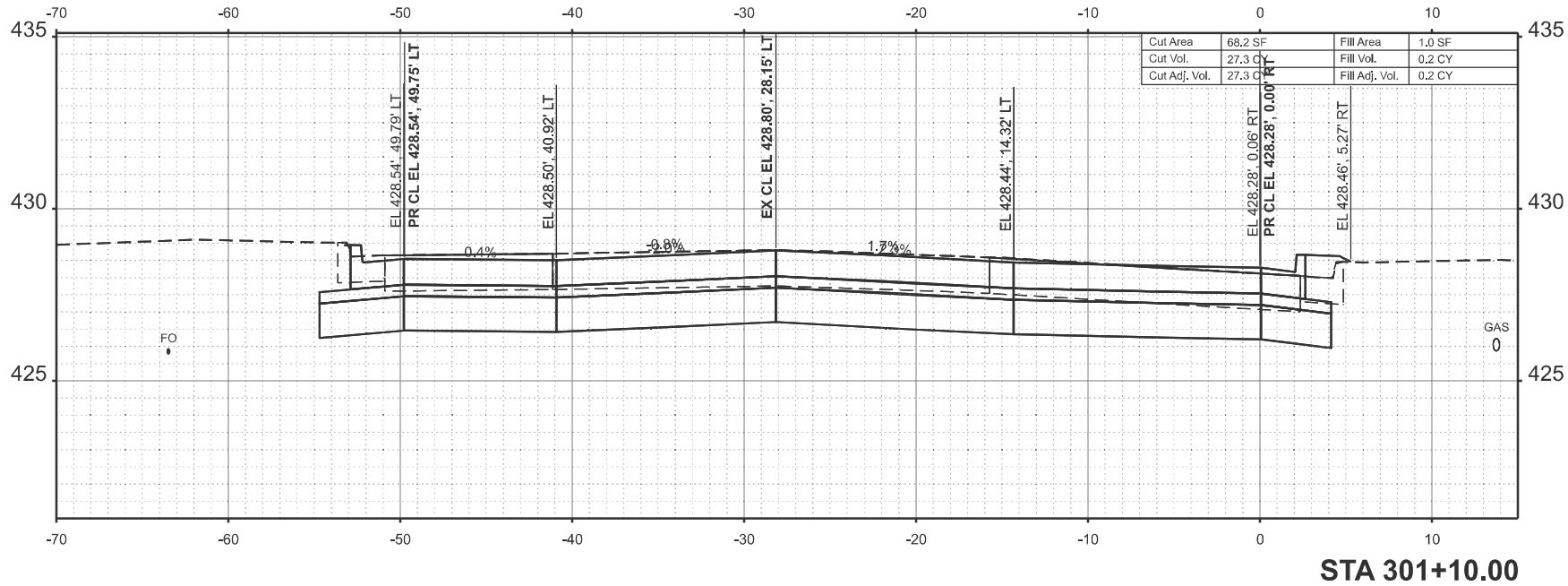
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 43 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	84
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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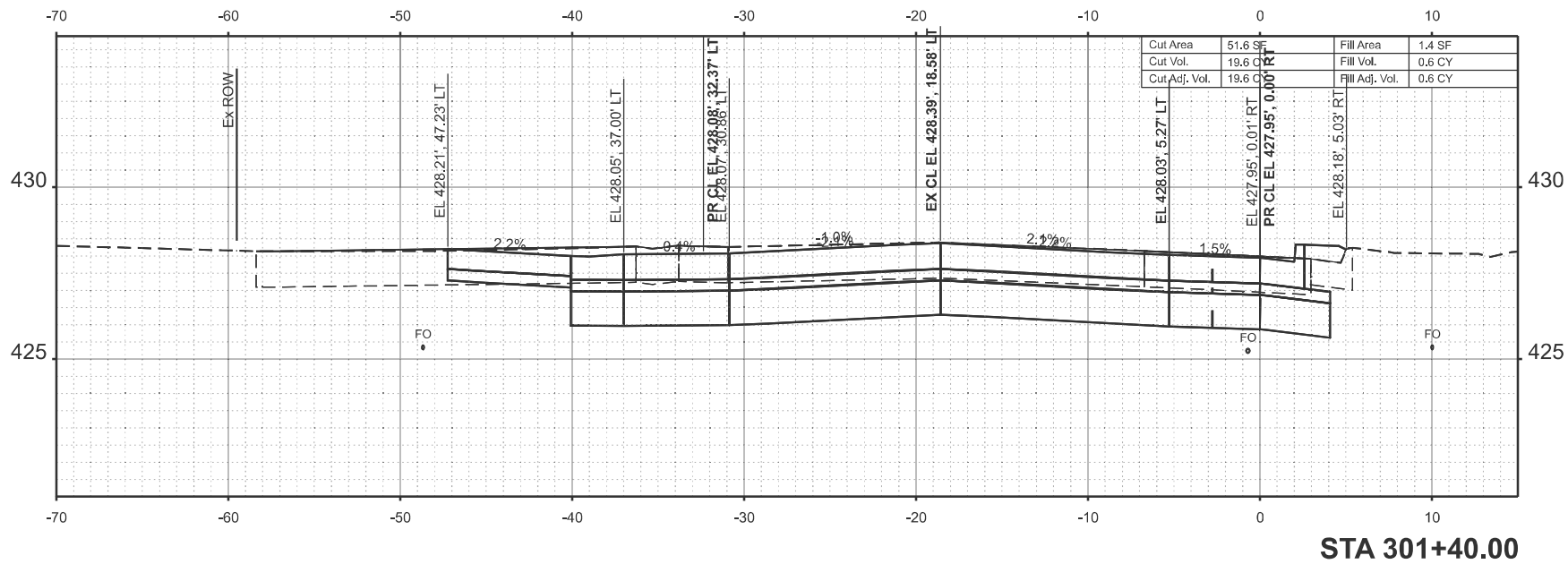
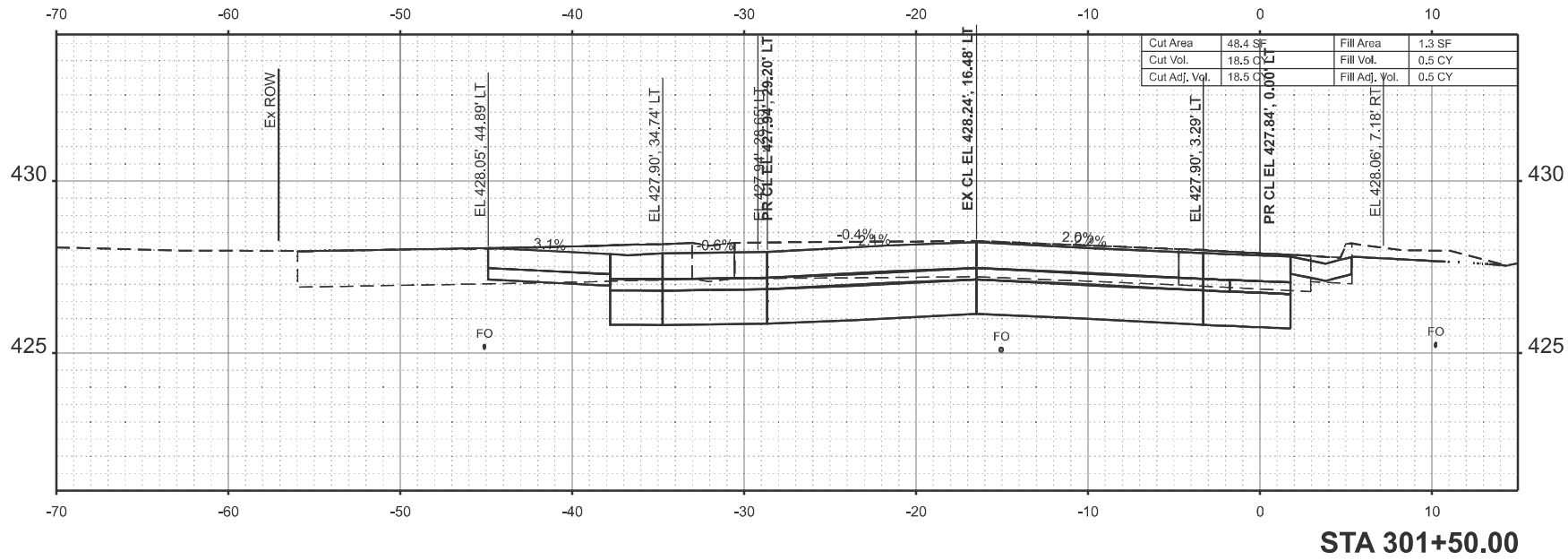
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PLOT DATE = 12/3/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS			
SCALE: 1"=5'	SHEET 45	OF 57 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	86
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NE Rad - 301+40.00 [Sheet]
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USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
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		CHECKED	-	REVISED	-
PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

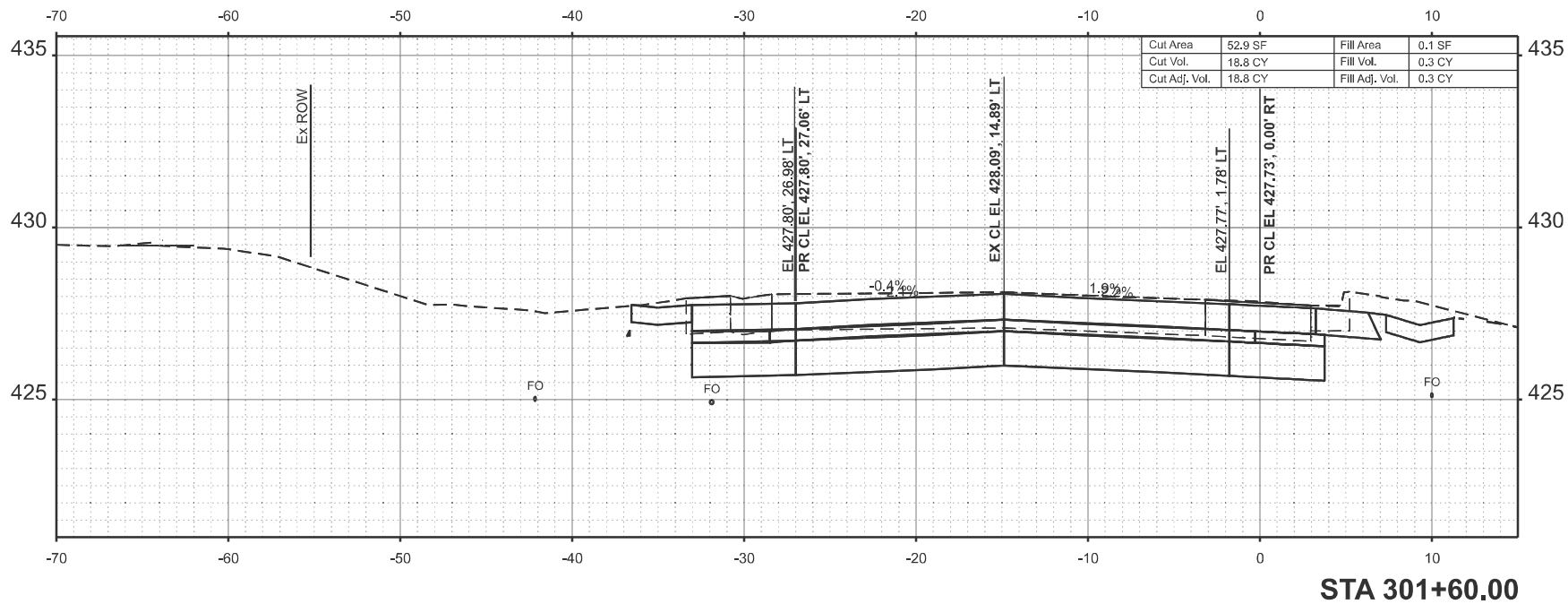
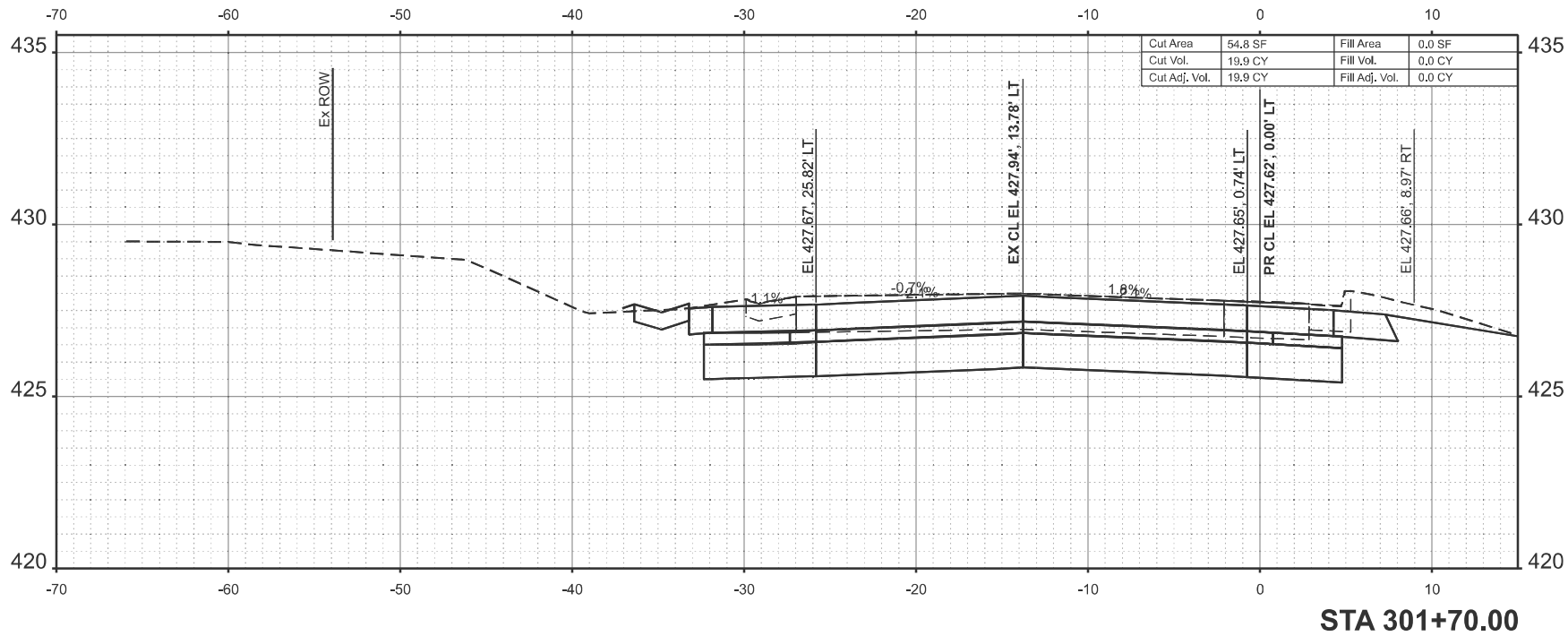
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 47 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	88
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NE Rad - 301+60.00 [Sheet]
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PLOT DATE = 12/3/2024	DATE -	REVISED -

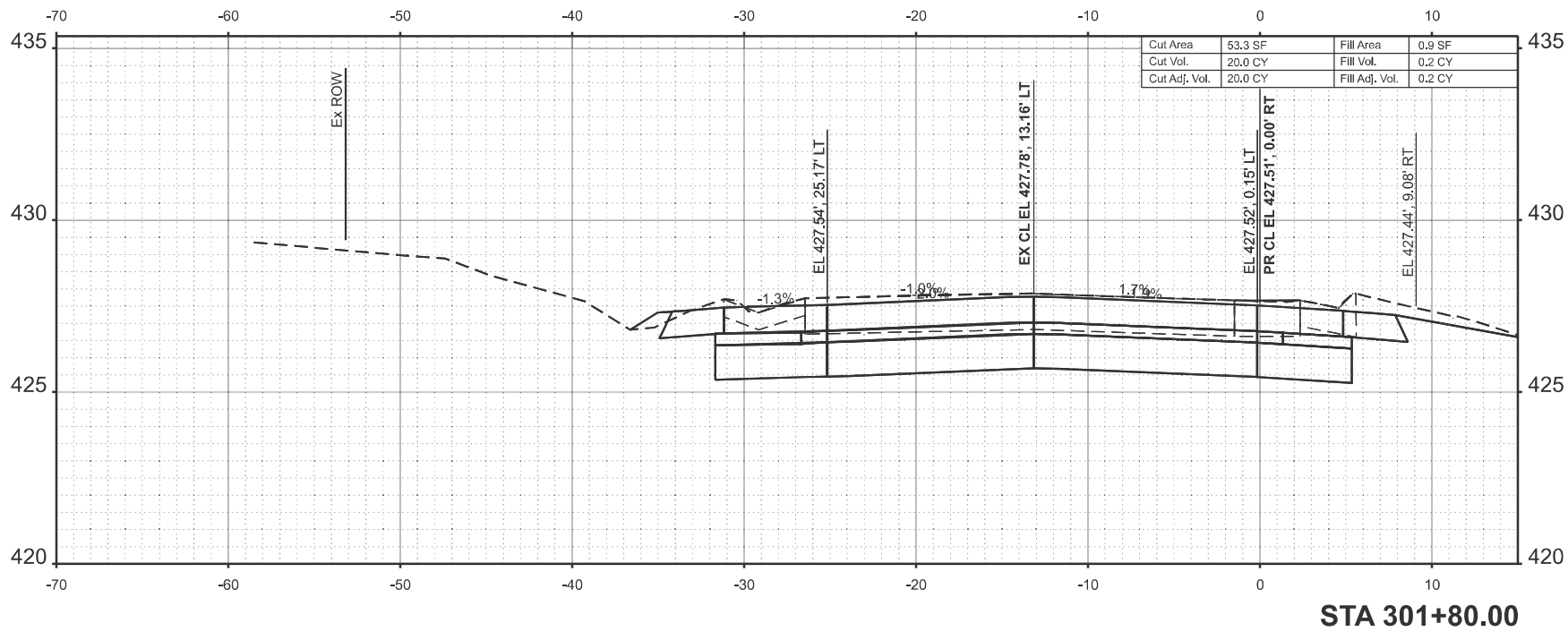
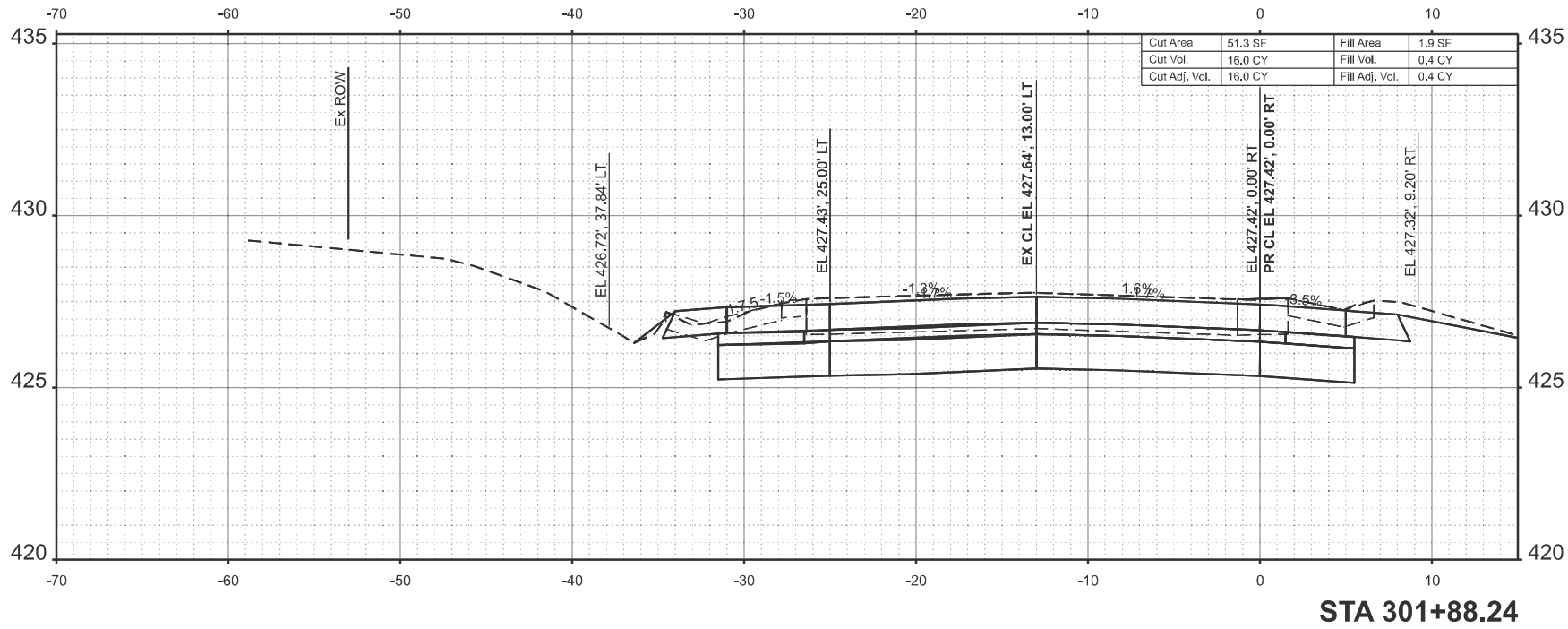
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 48 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	89
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 12/3/2024	DATE -	REVISED -

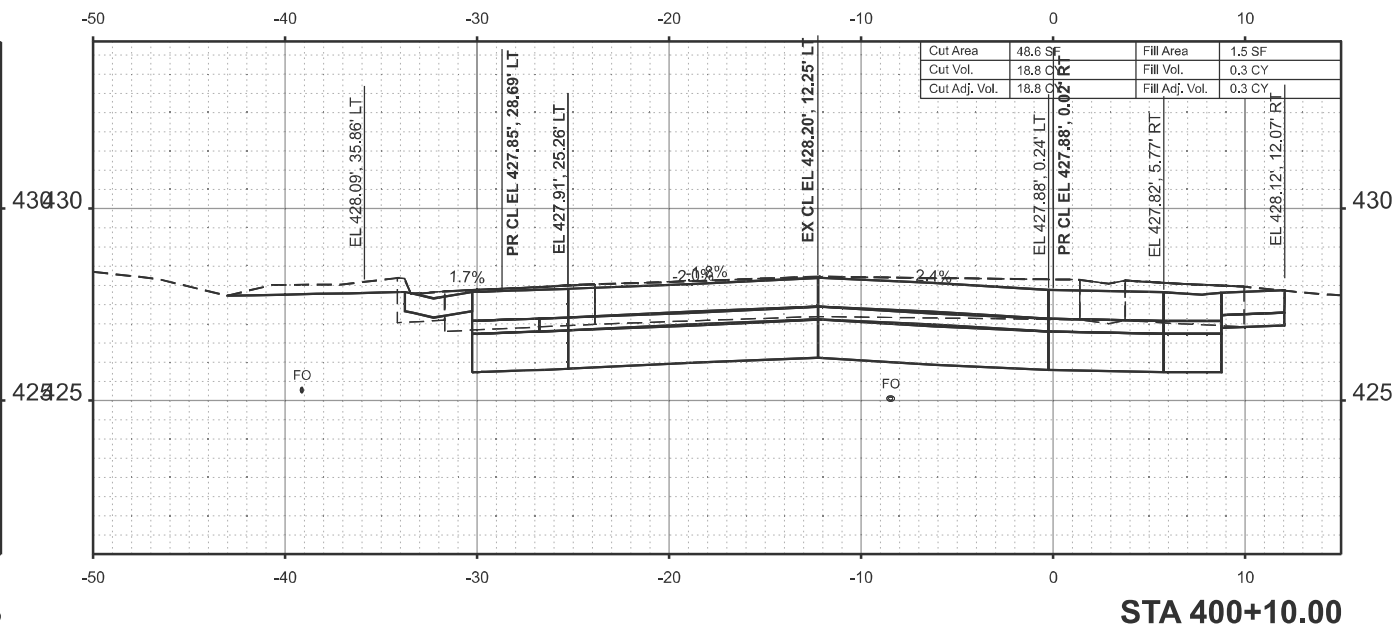
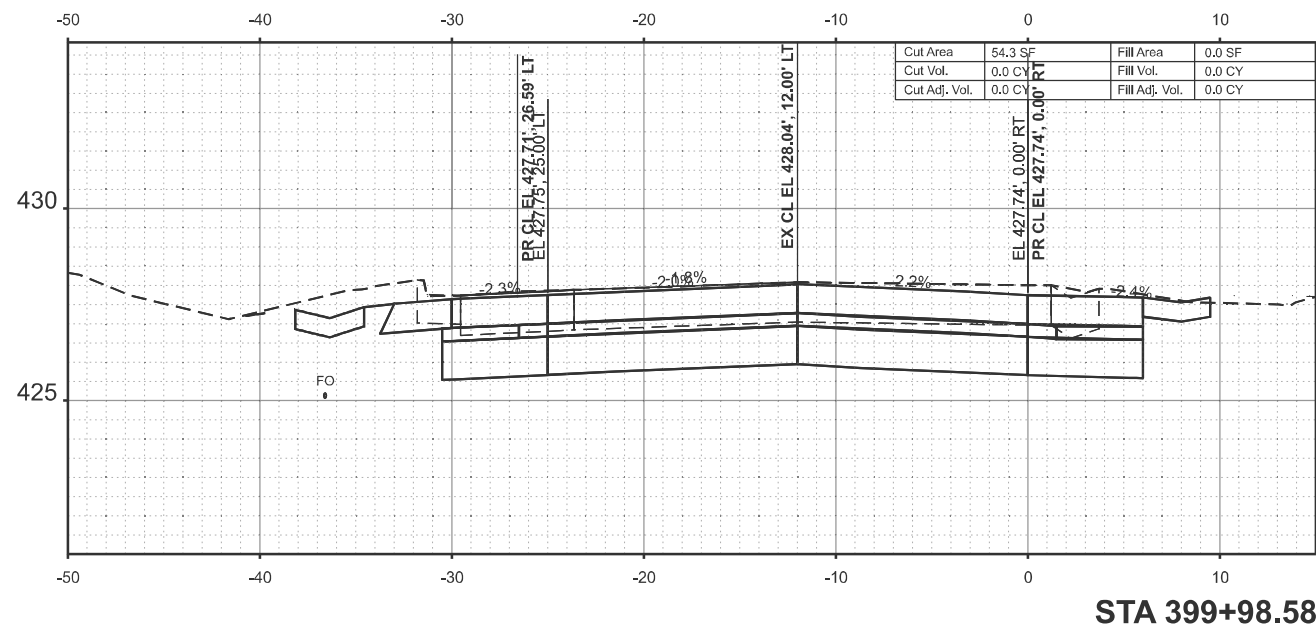
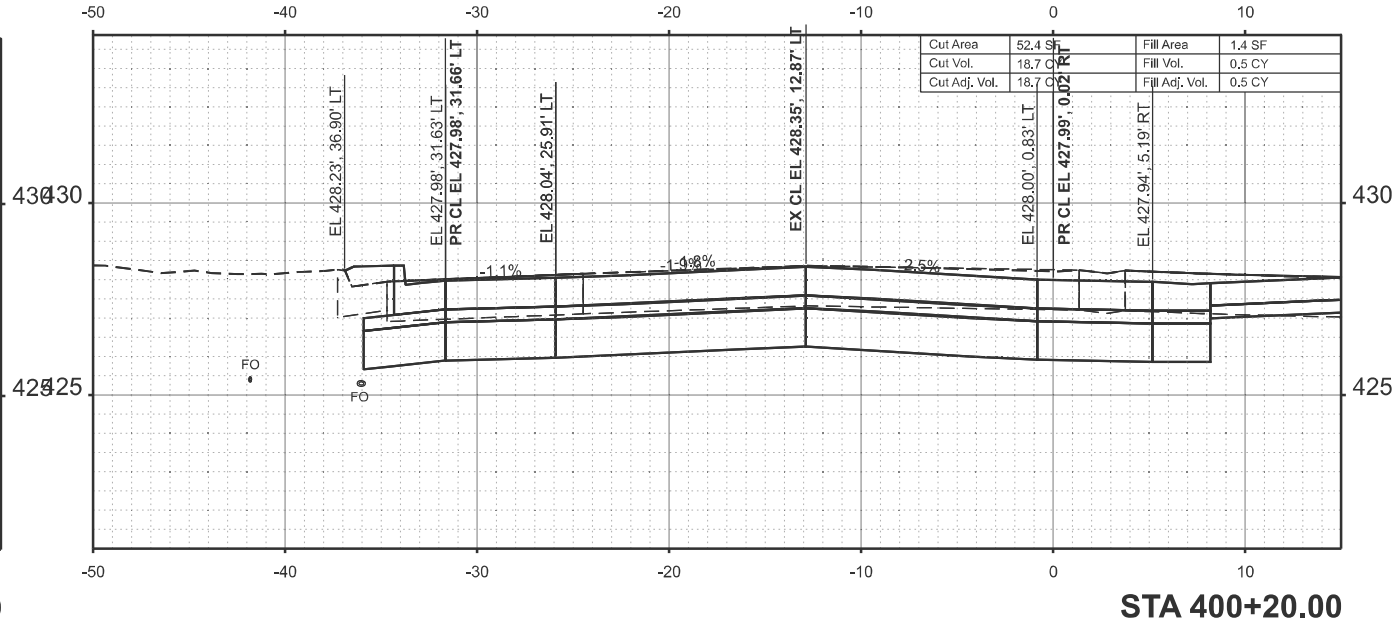
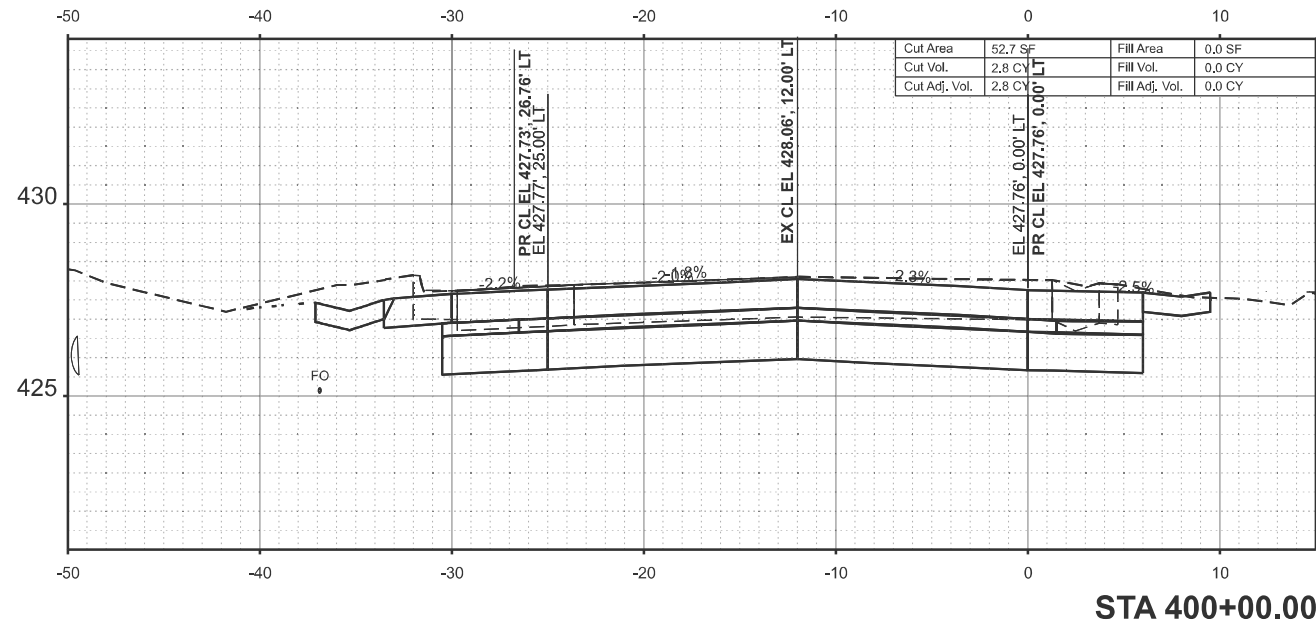
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NE RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 49 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	90
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

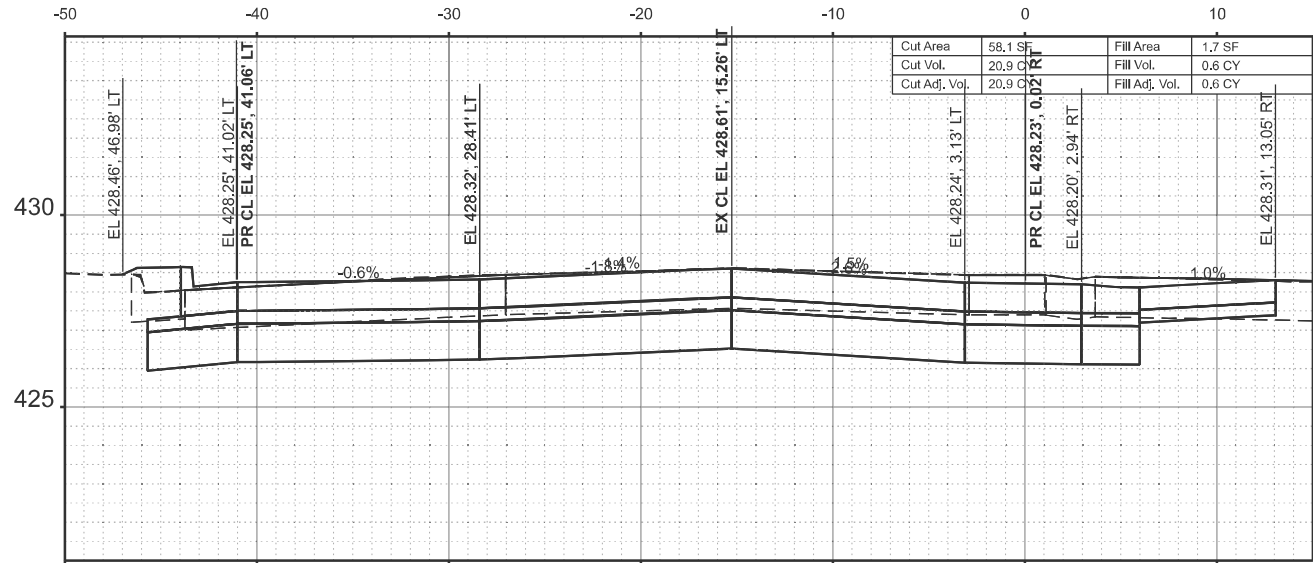
NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 50 OF 57 SHEETS STA. TO STA.

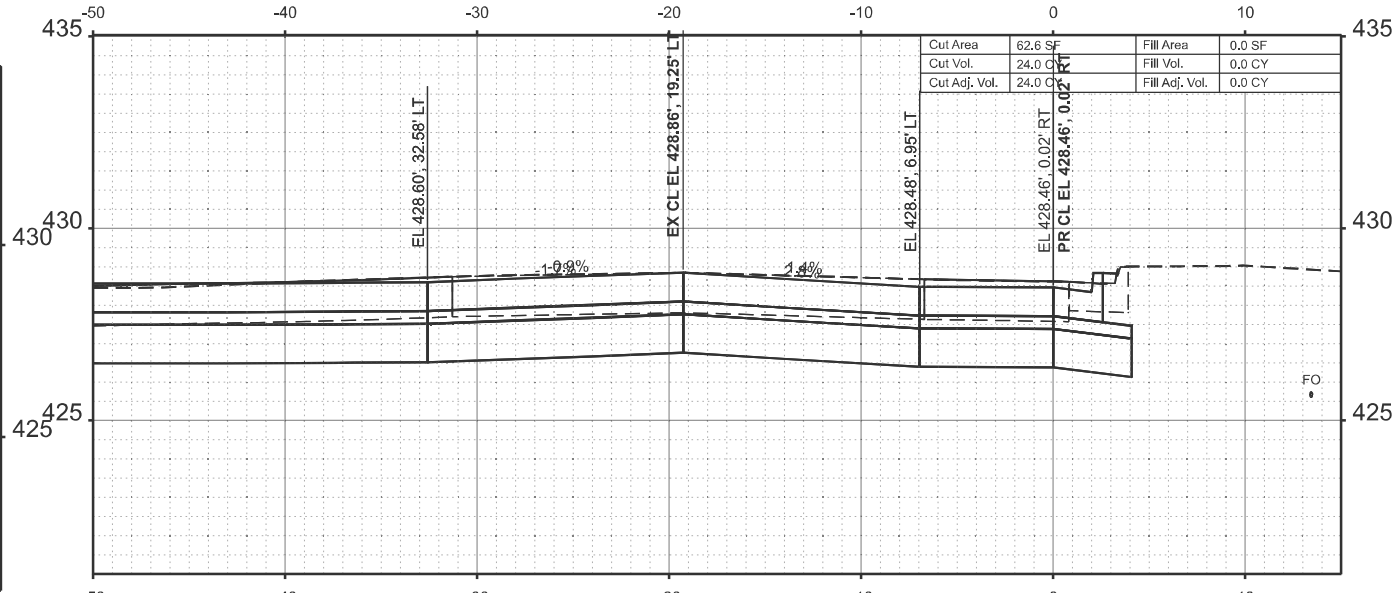
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	91
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

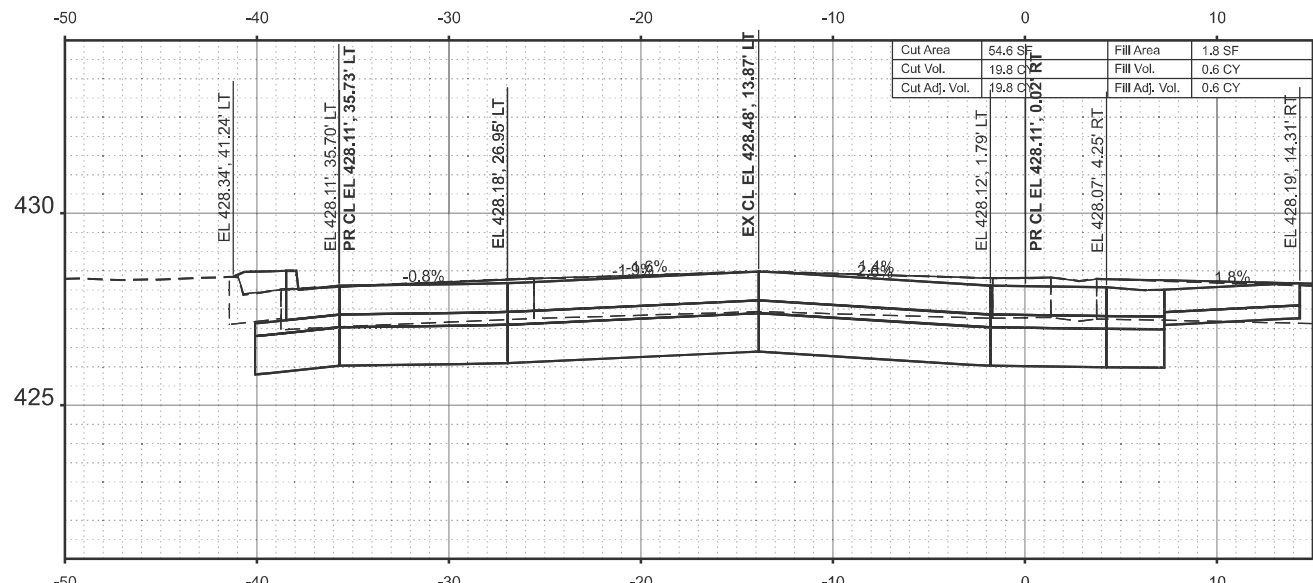
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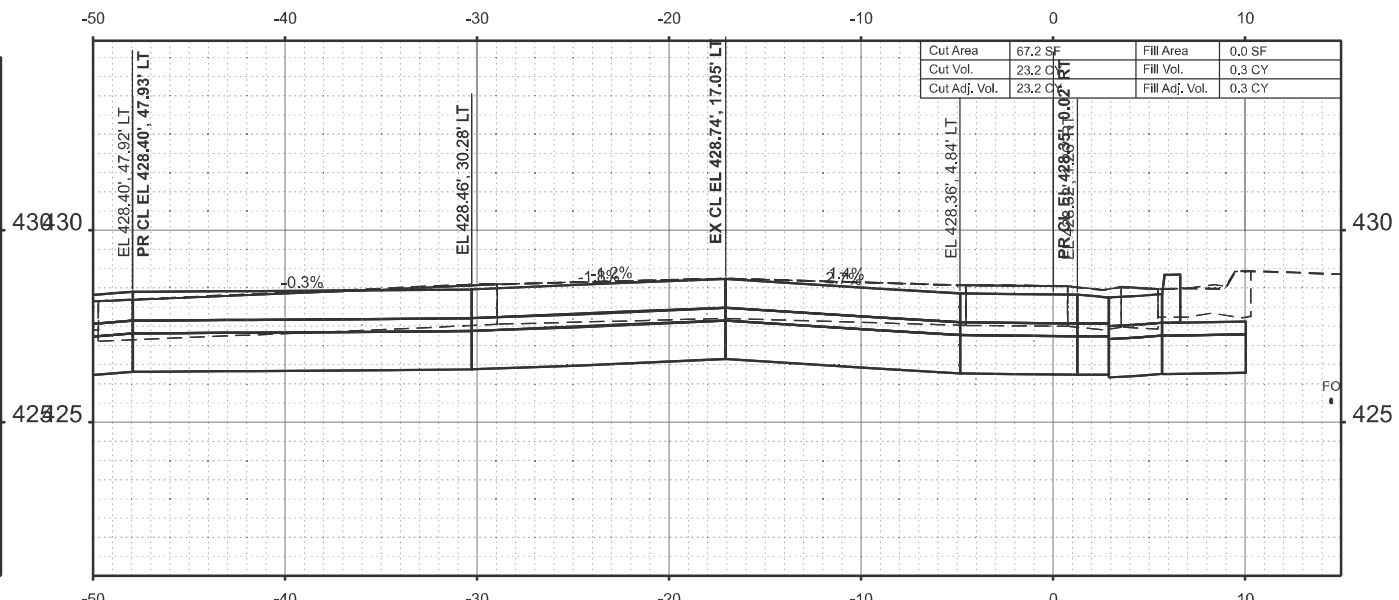
STA 400+40.00



STA 400+60.00



STA 400+30.00



STA 400+50.00

USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
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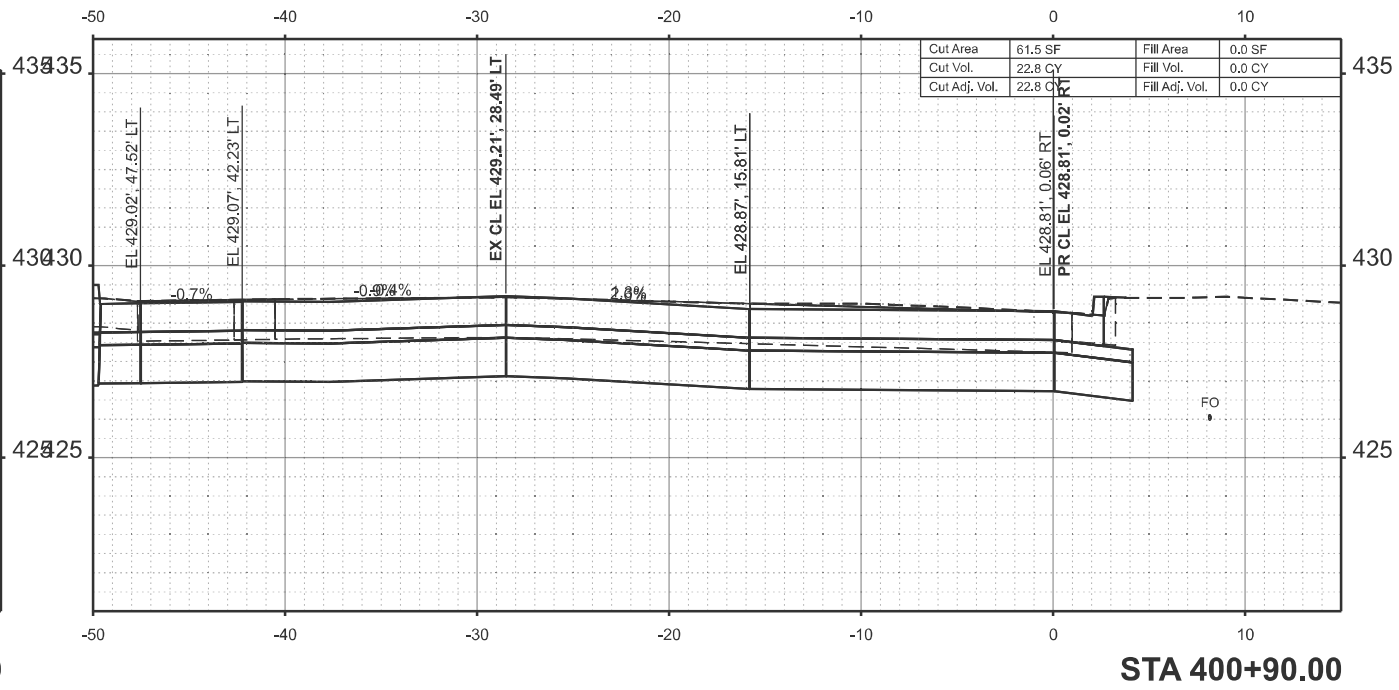
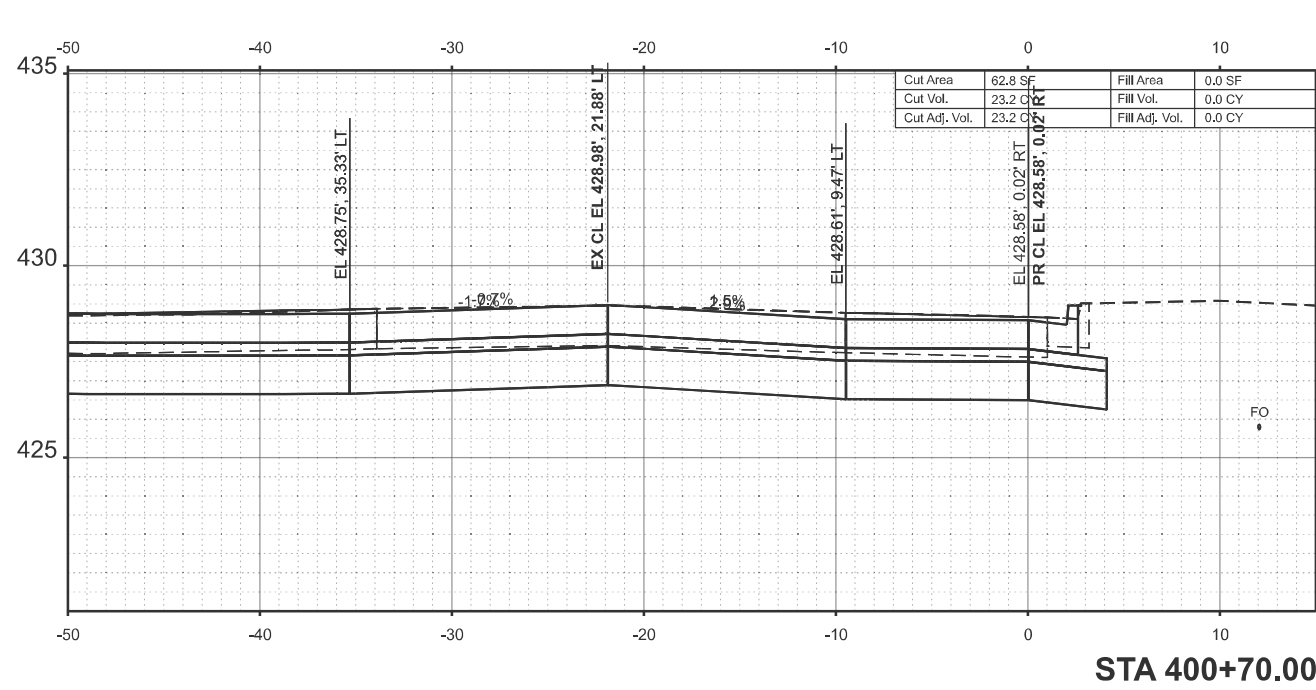
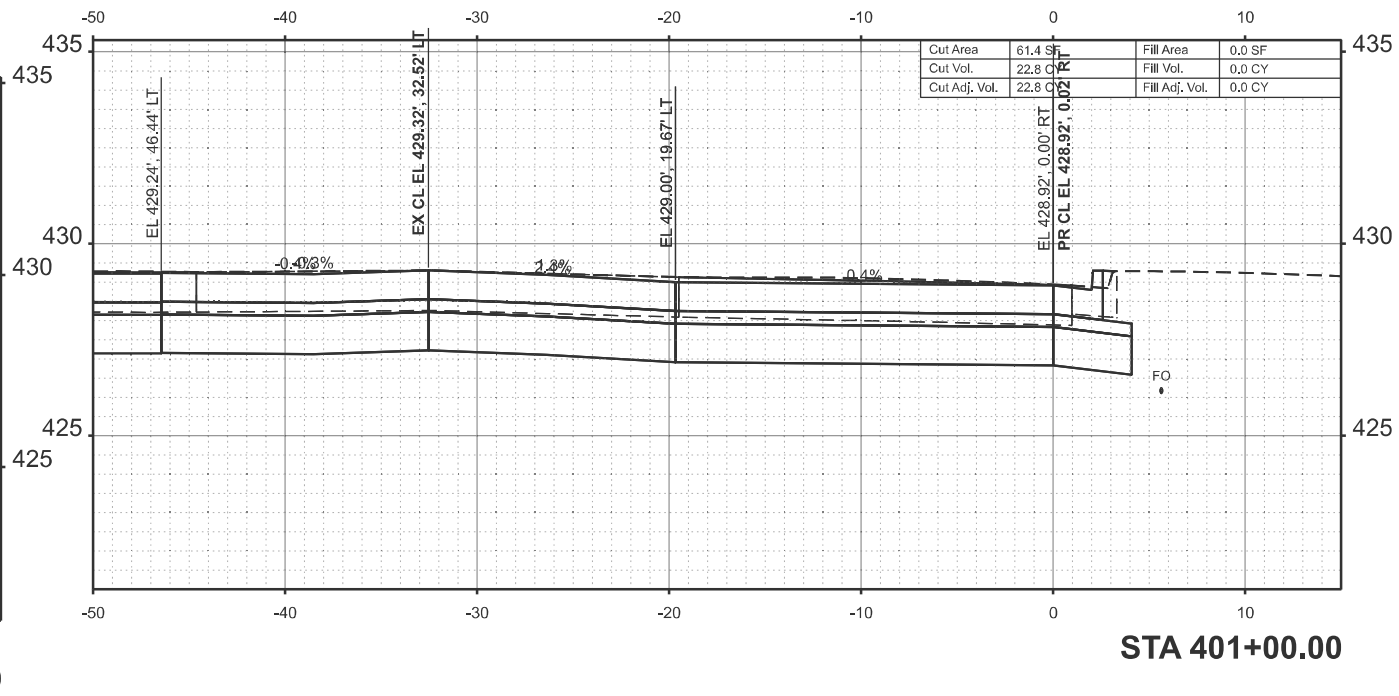
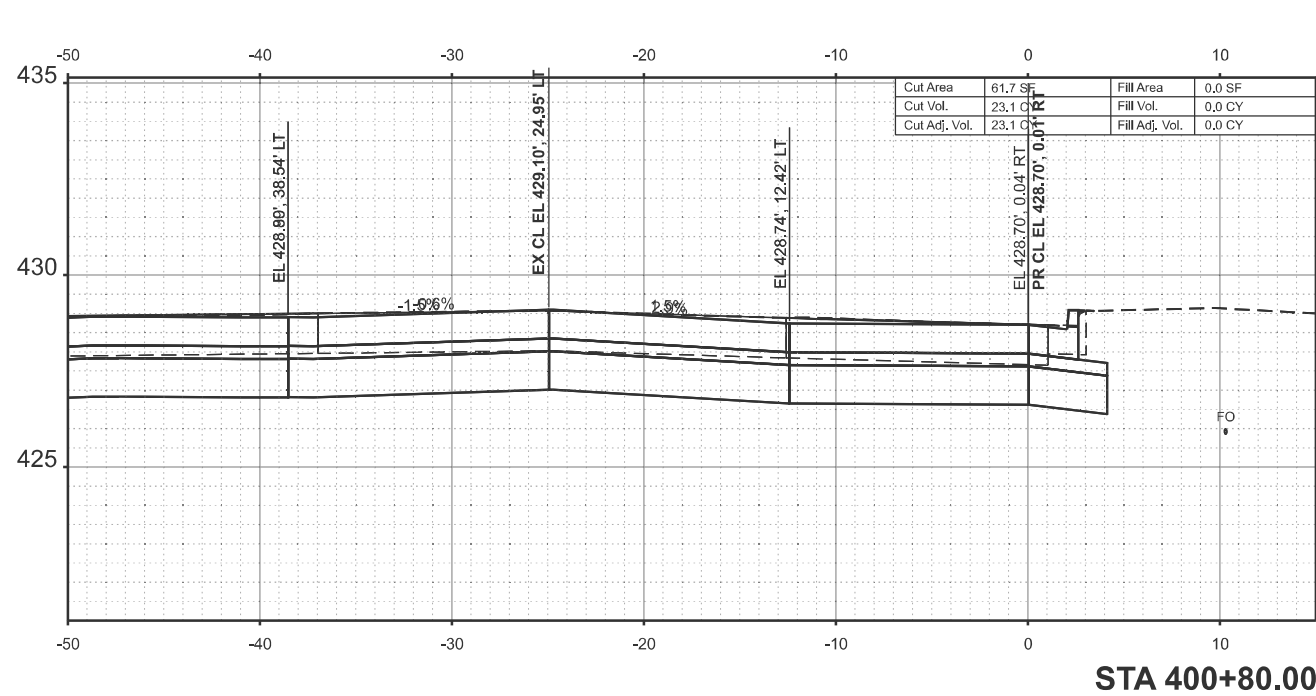
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 51 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	92
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NW Rad - 400+70.00 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

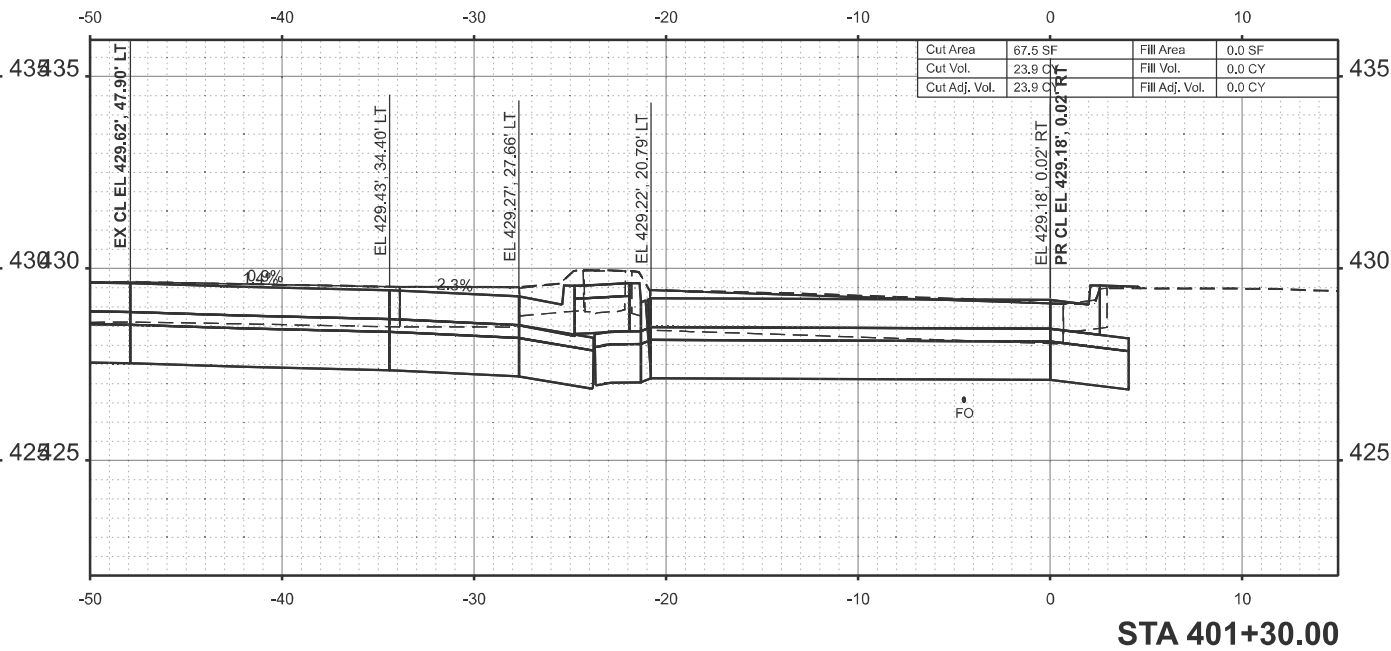
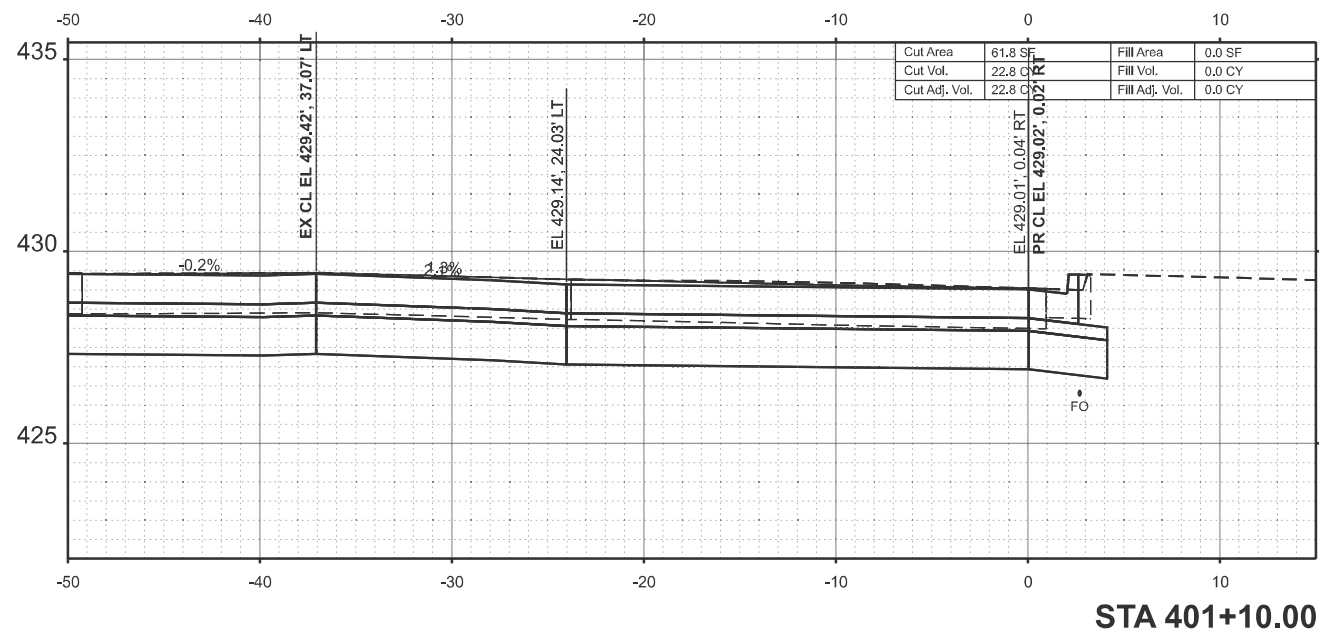
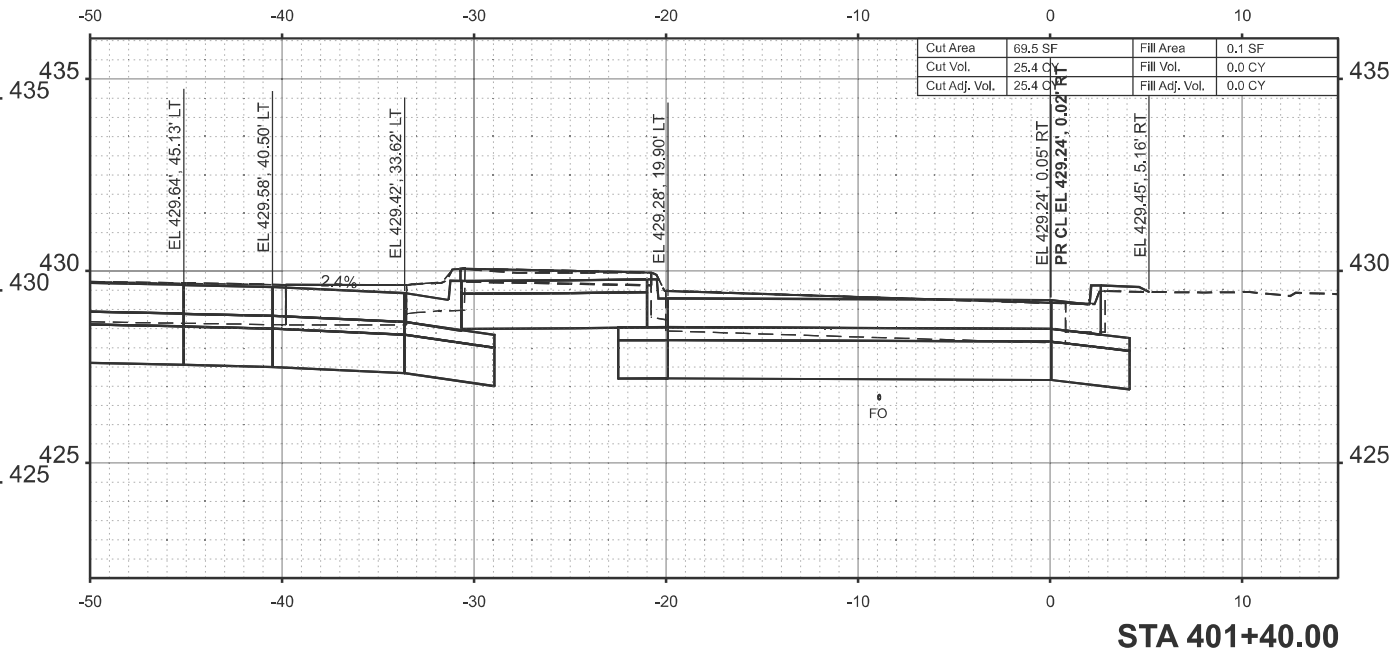
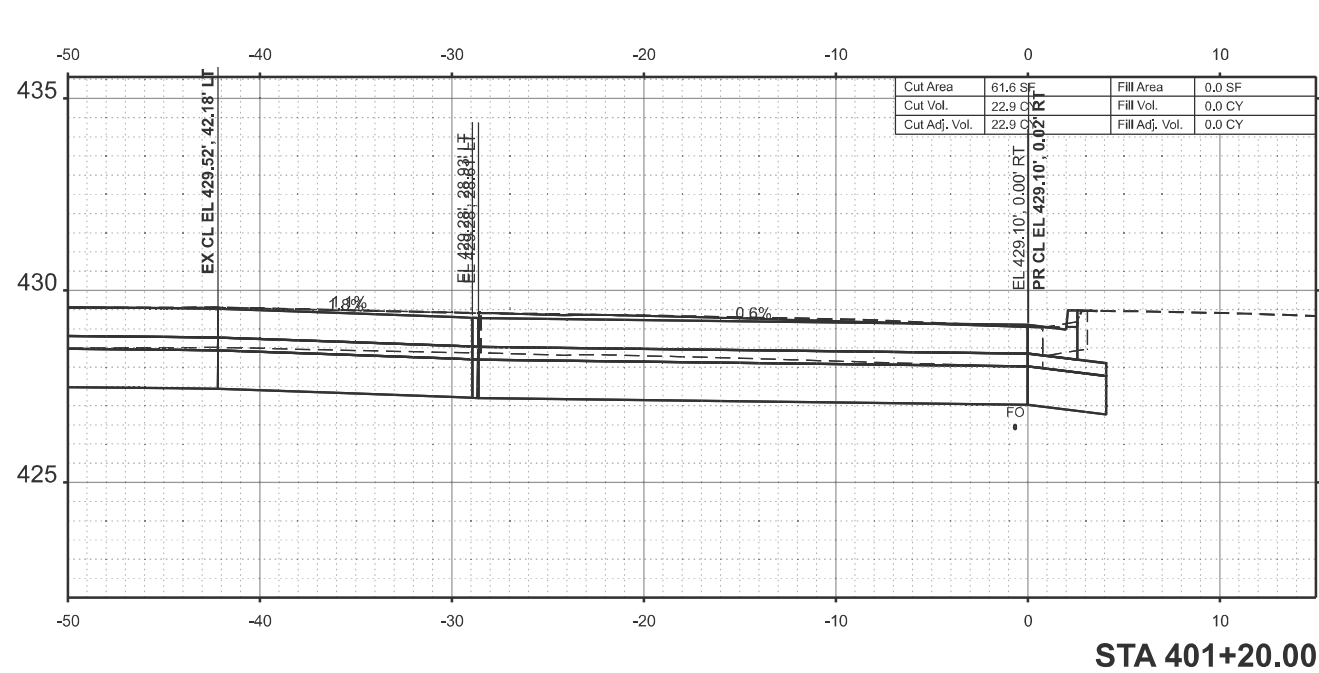
NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 52 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	93
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: NW Rad - 401+10.00 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

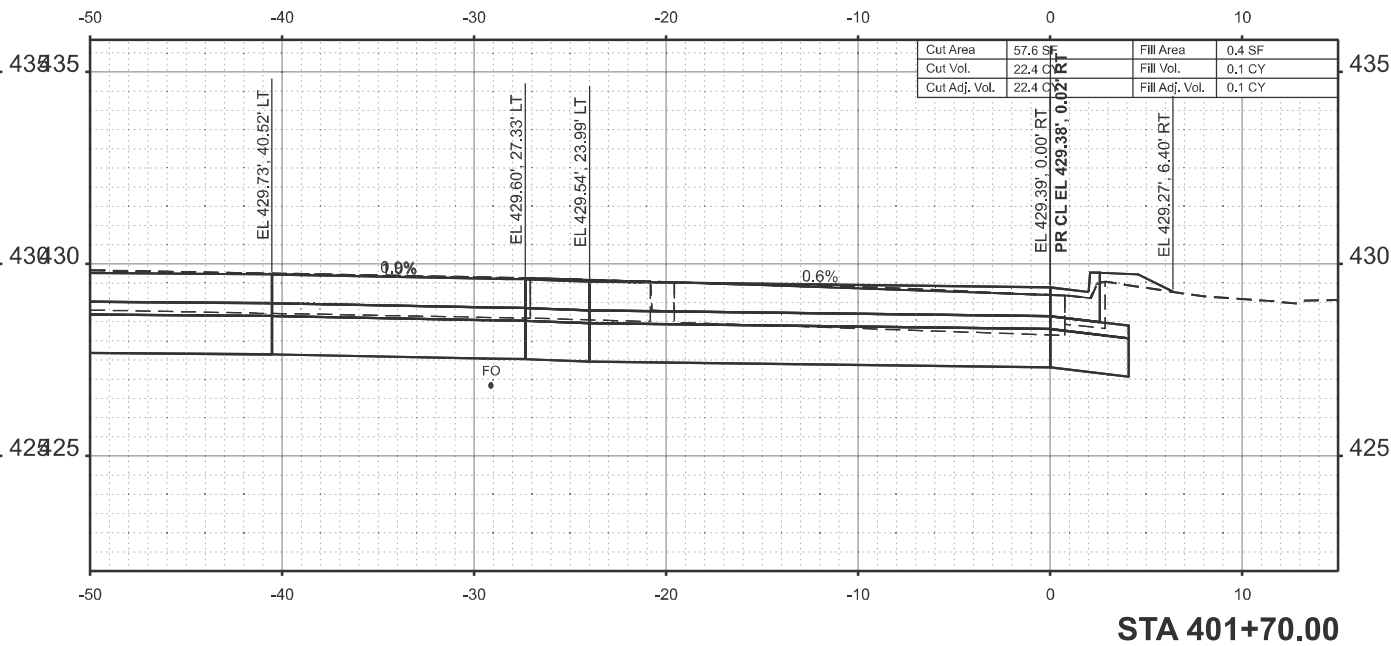
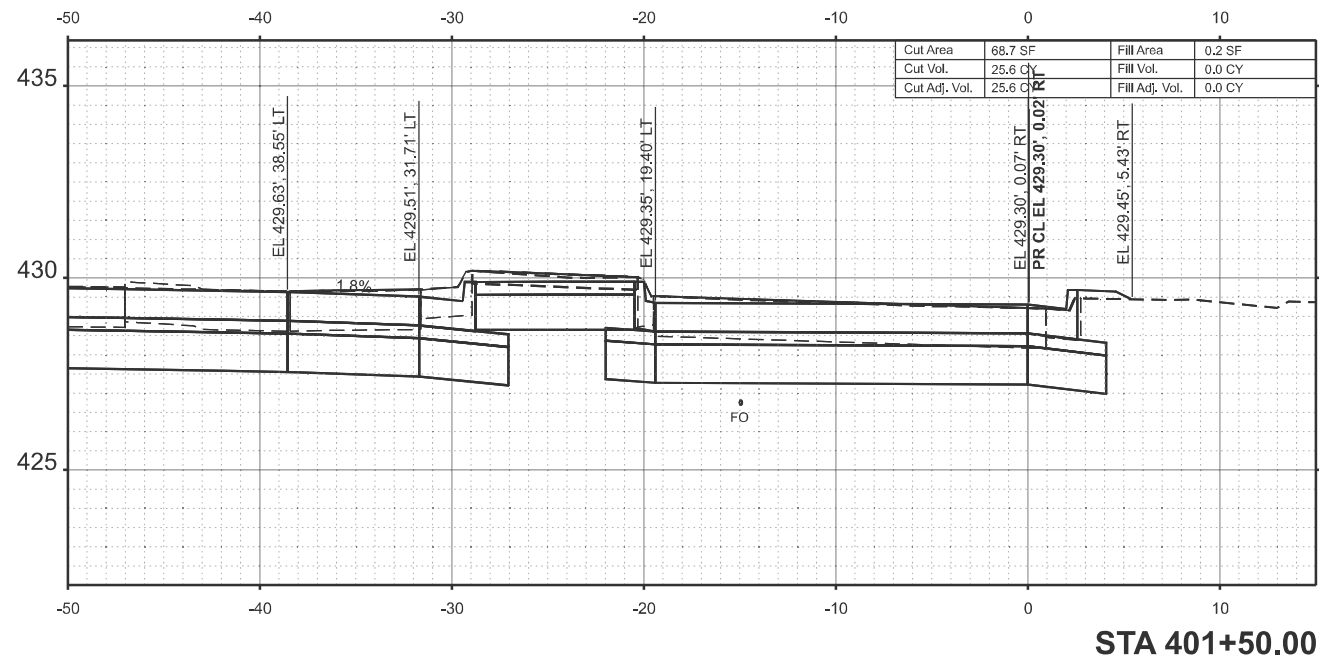
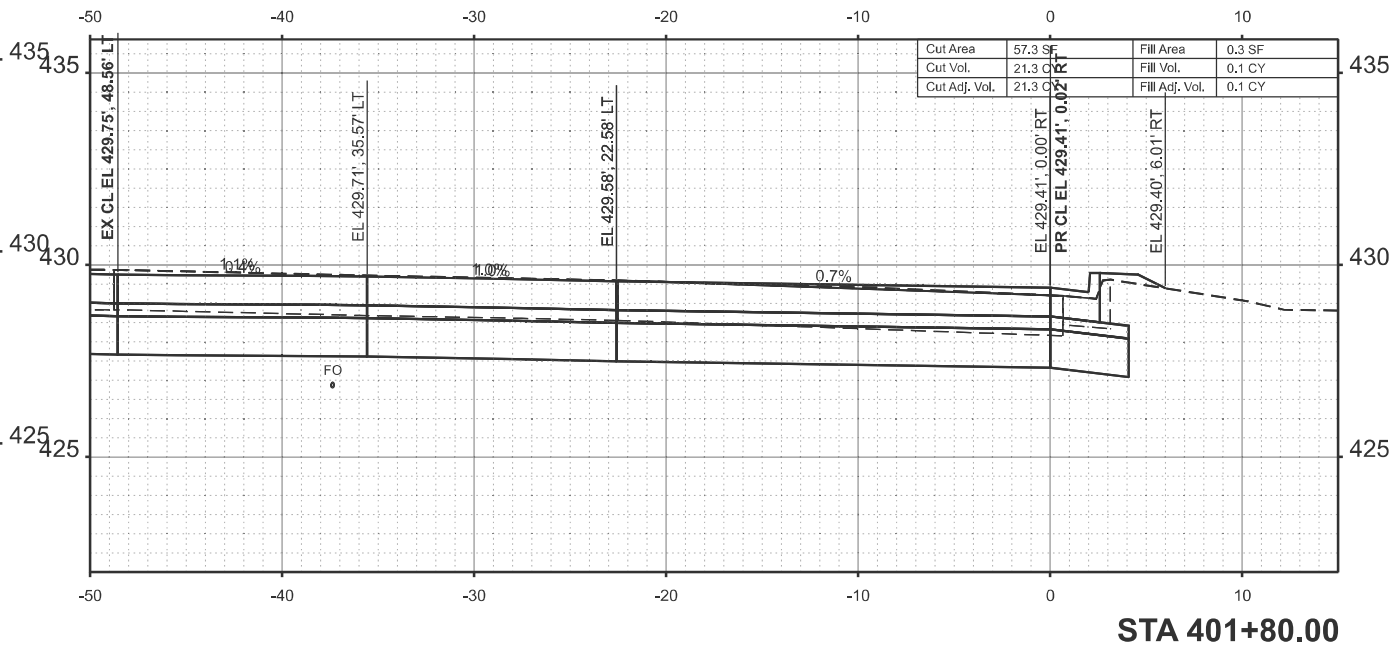
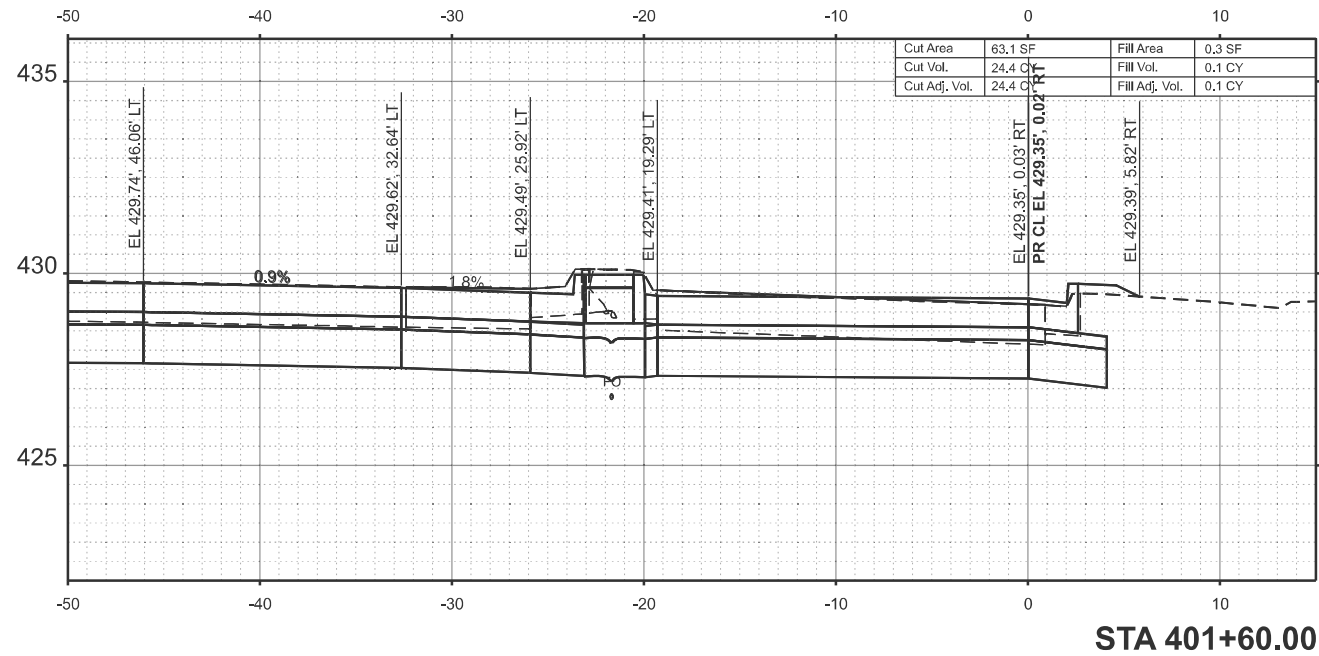
NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 53 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	94
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

MODEL: NW Rad - 401+50.00 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

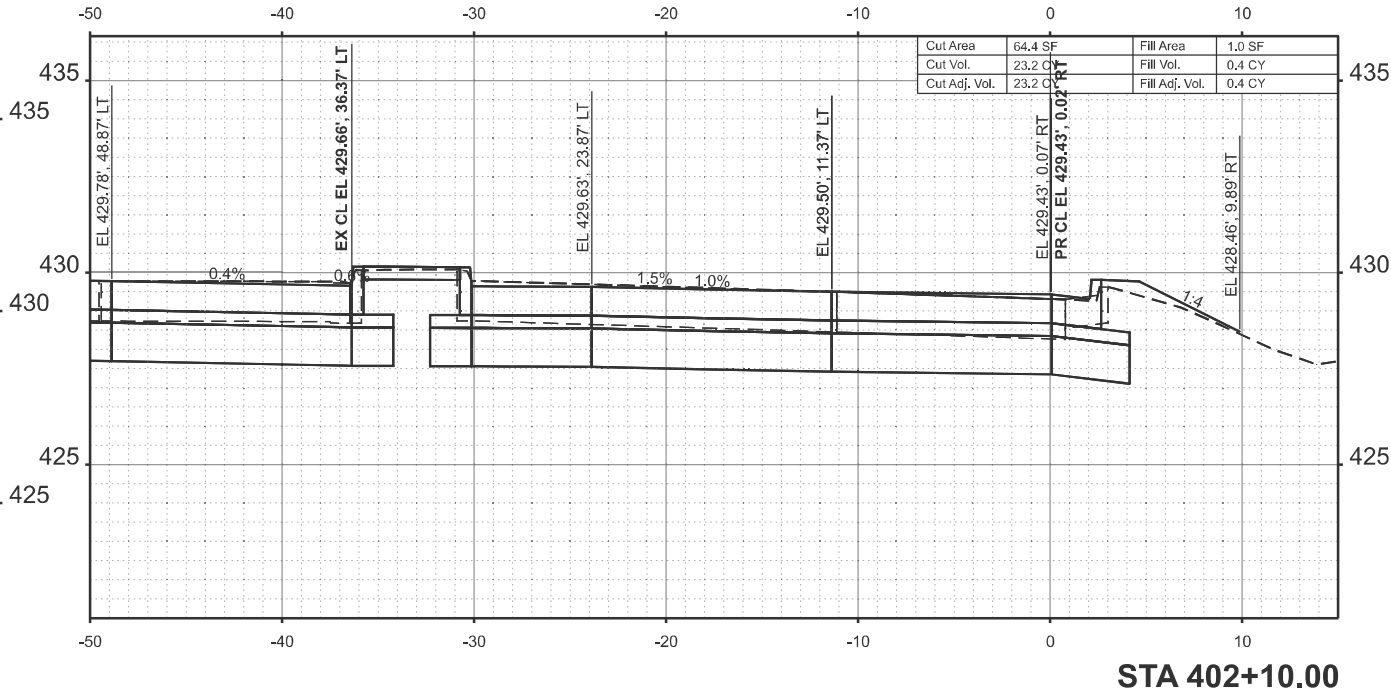
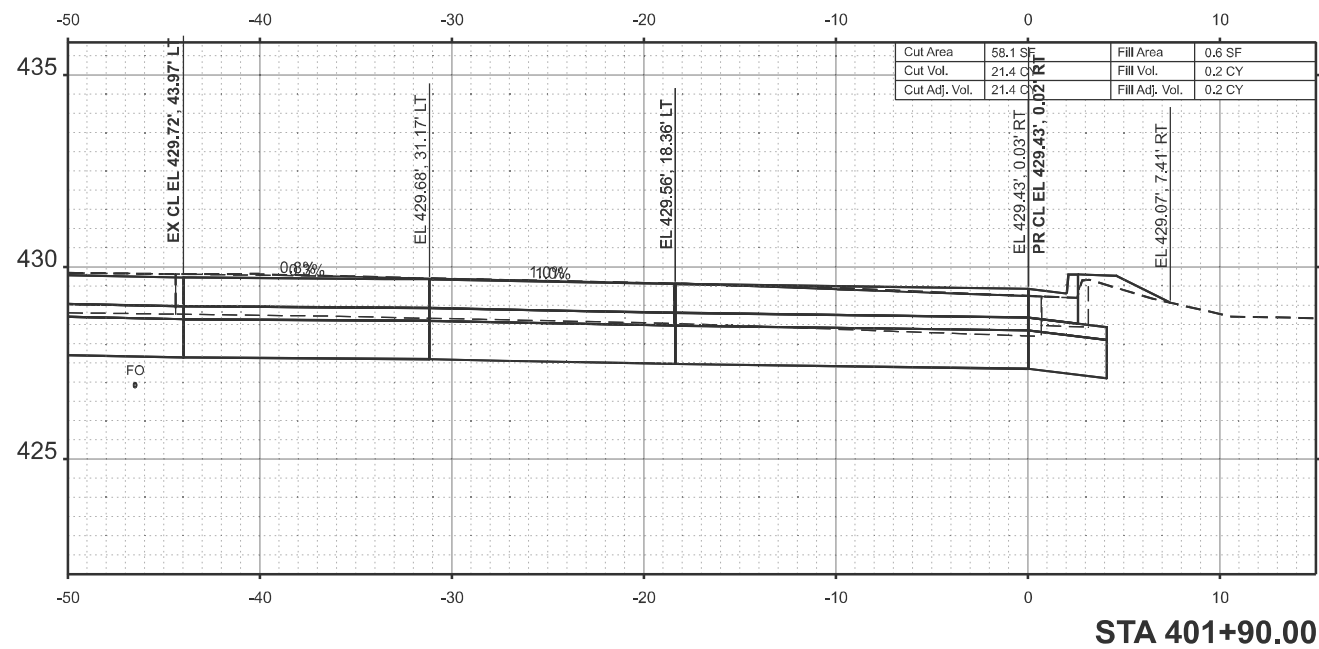
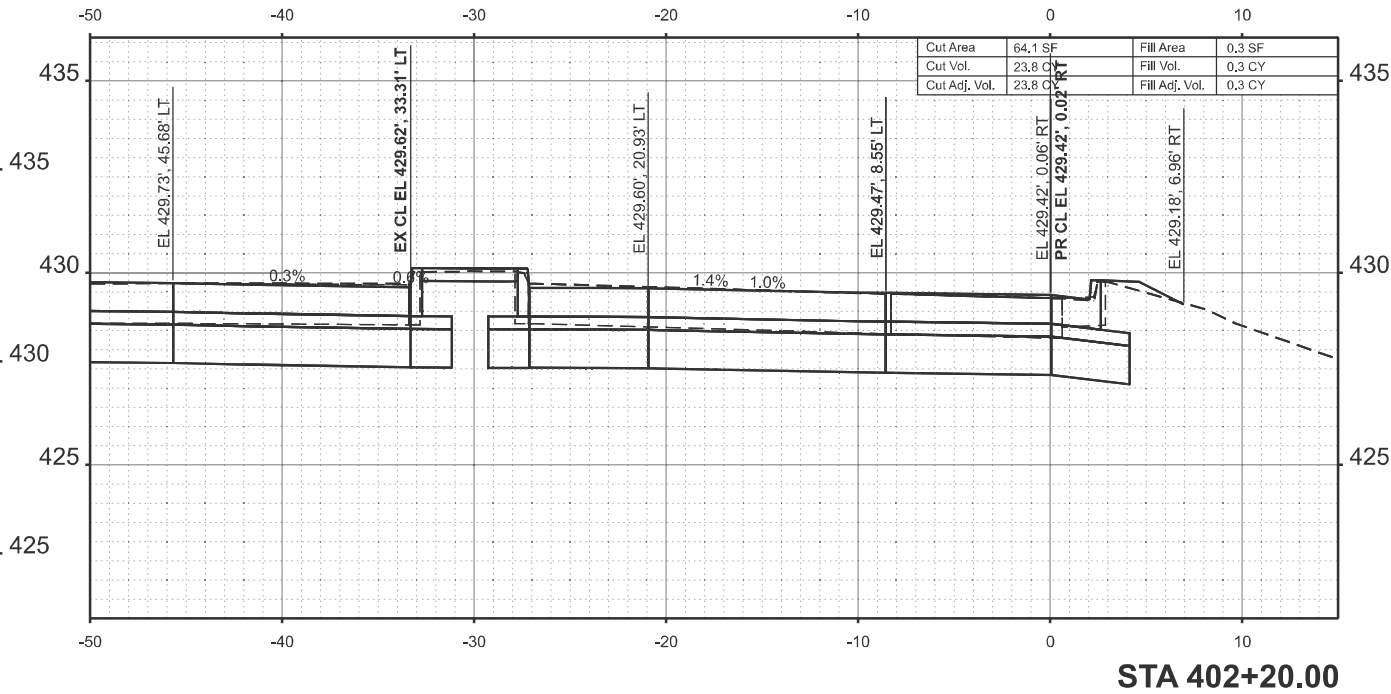
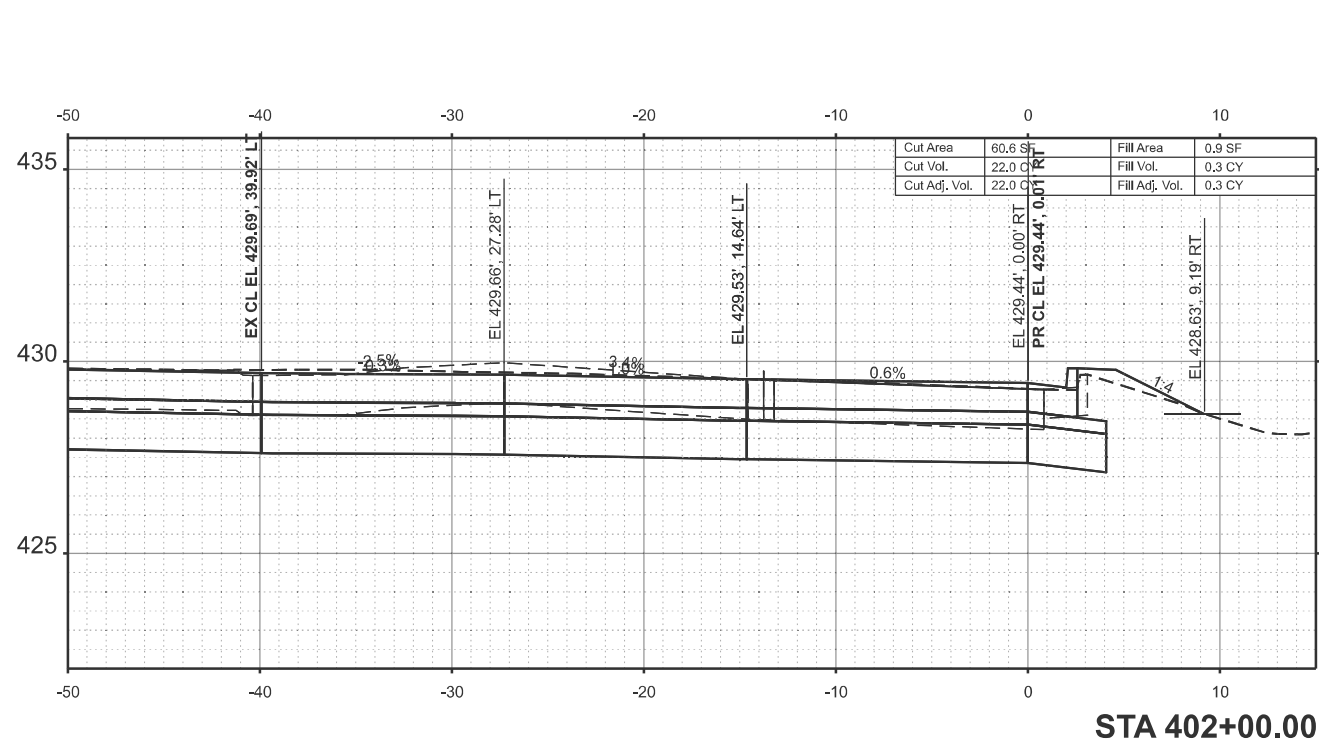
NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 54 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	95
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

FAP 332/FAP 328/FAP 782

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PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

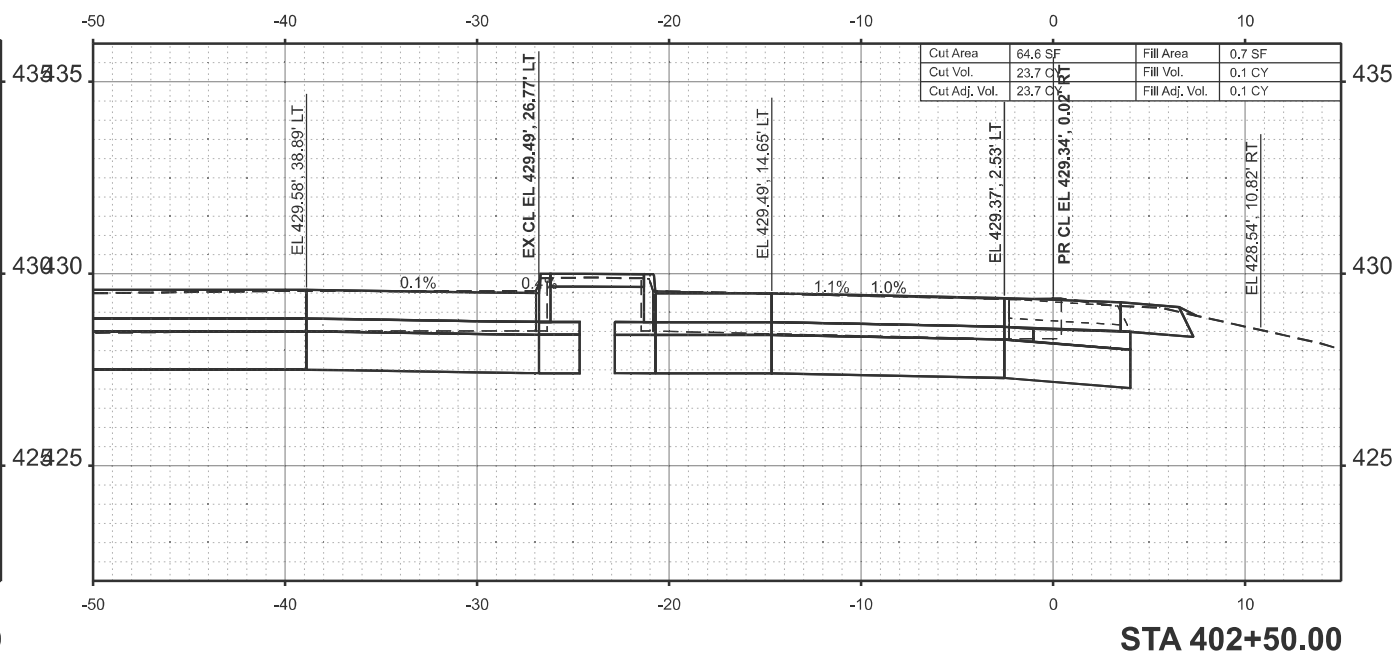
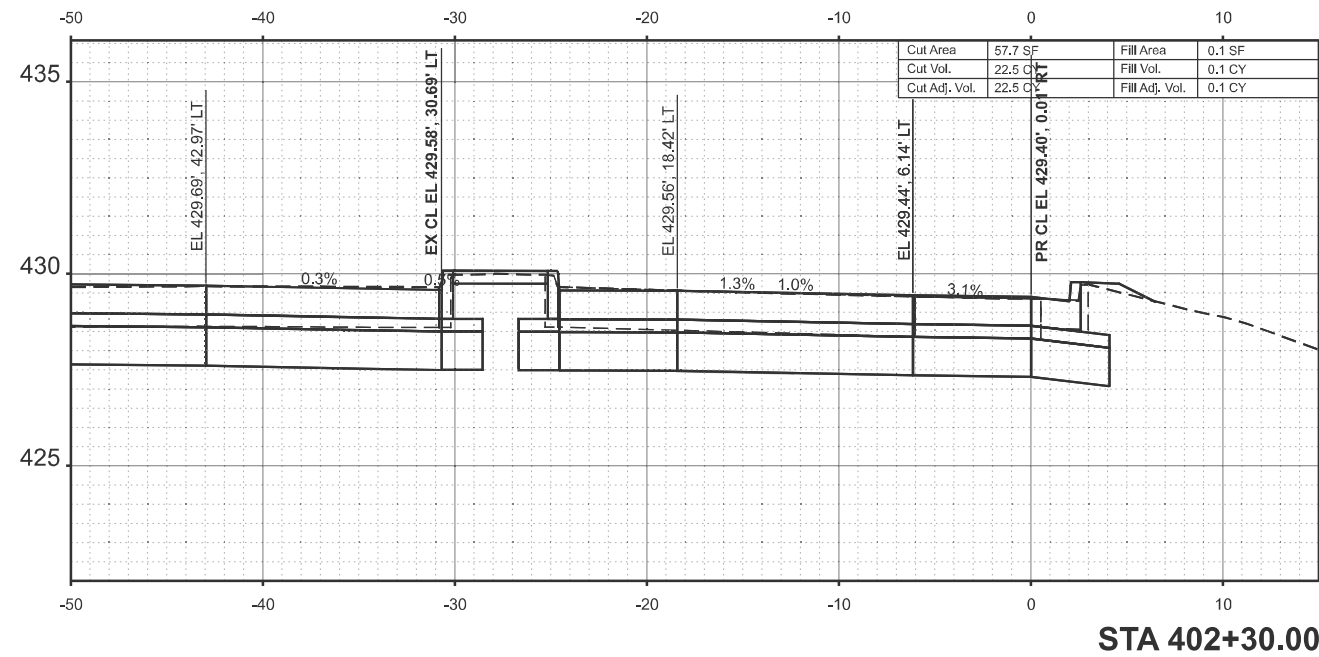
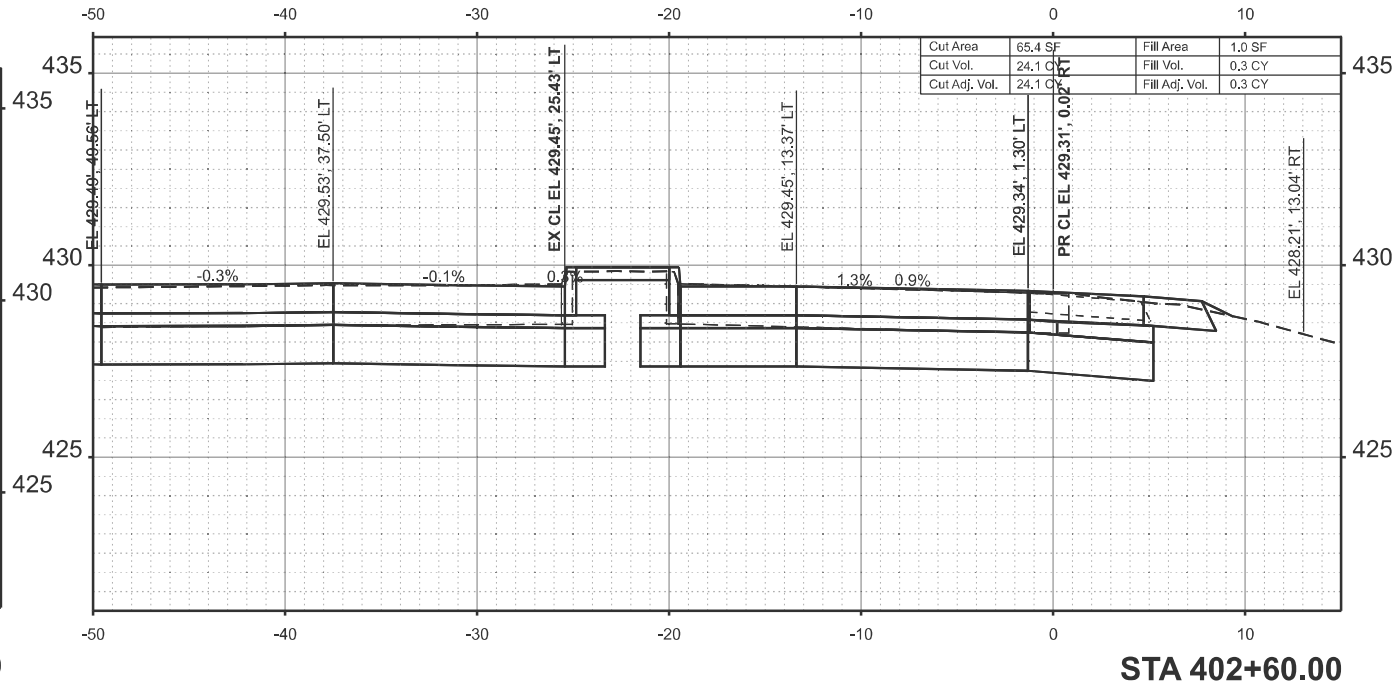
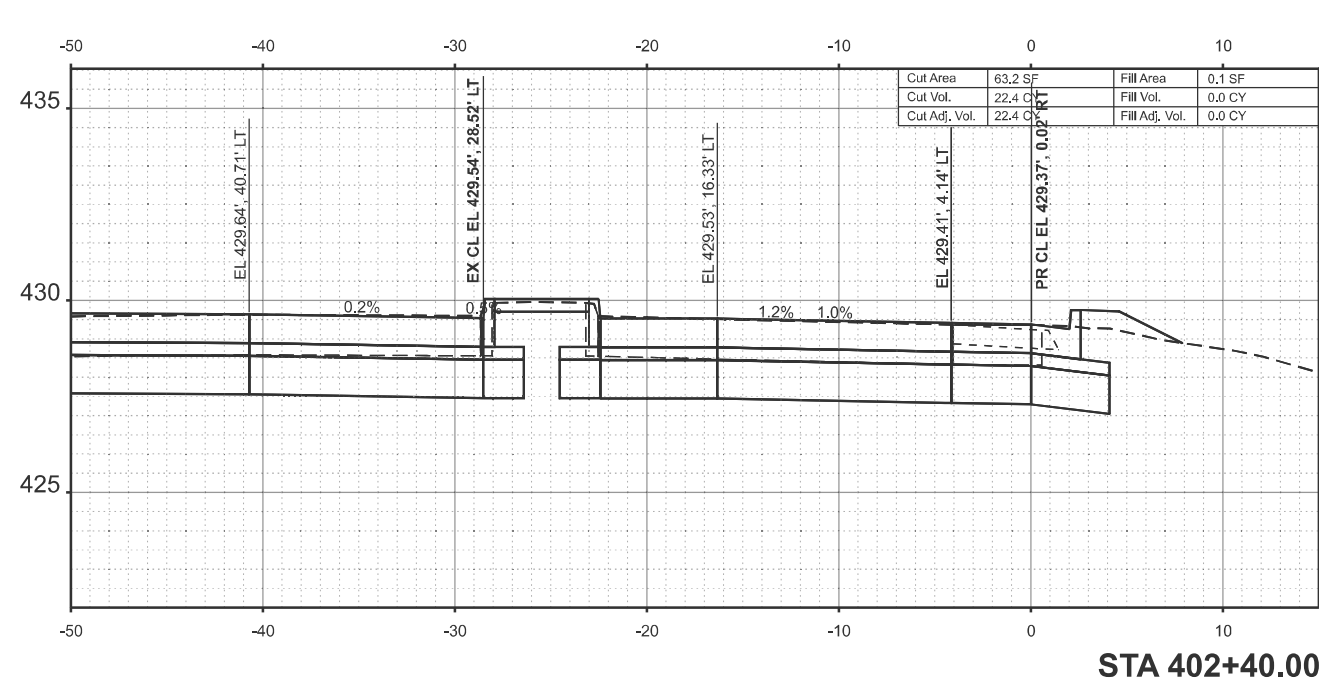
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 55 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	96
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NW Rad - 402+30.00 [Sheet]
FILE NAME: c:\pw\work\pvid\illinois.gov\tristen.reid@illinois.gov\1978A38-SJUX-XSection.dgn



	USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

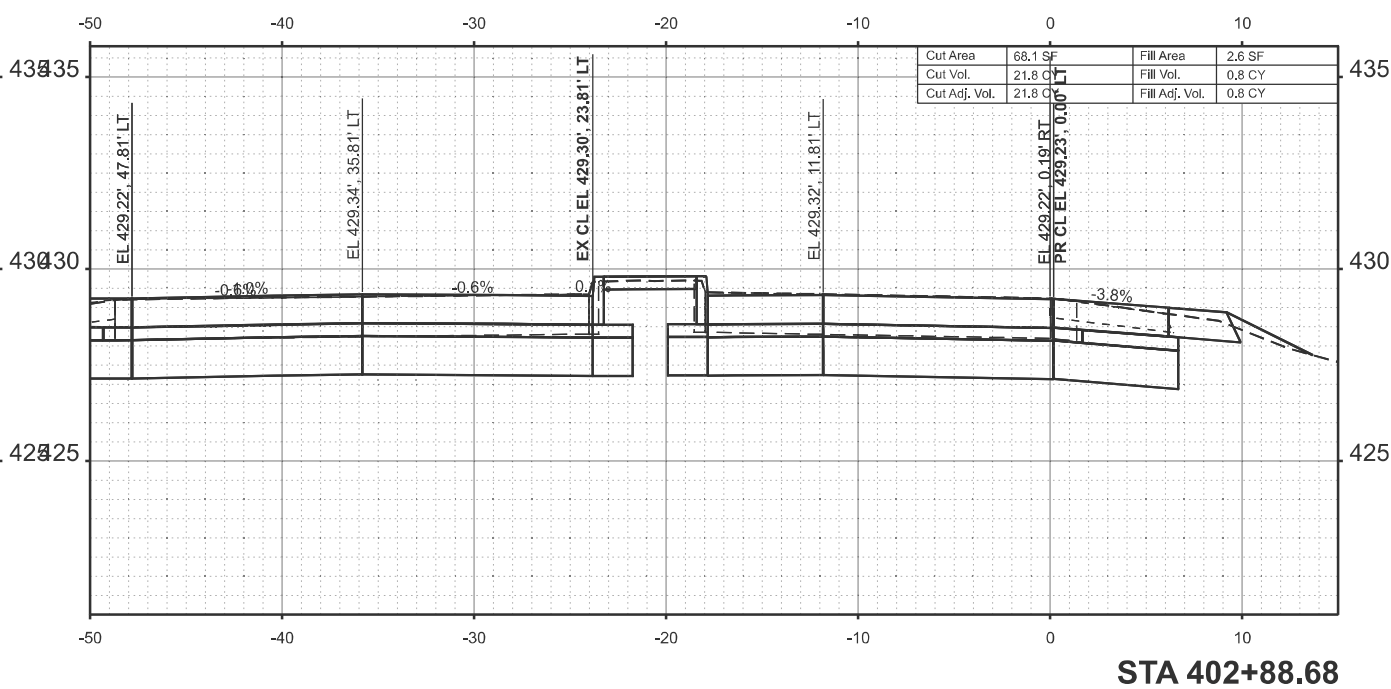
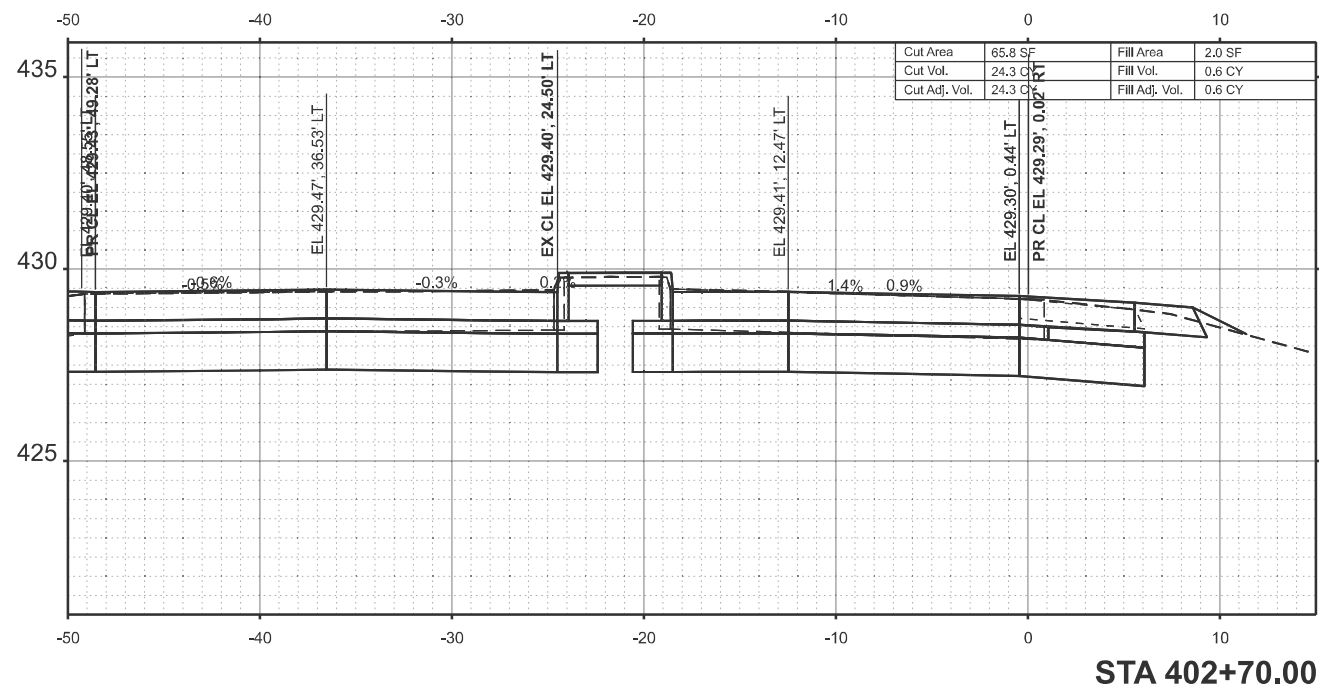
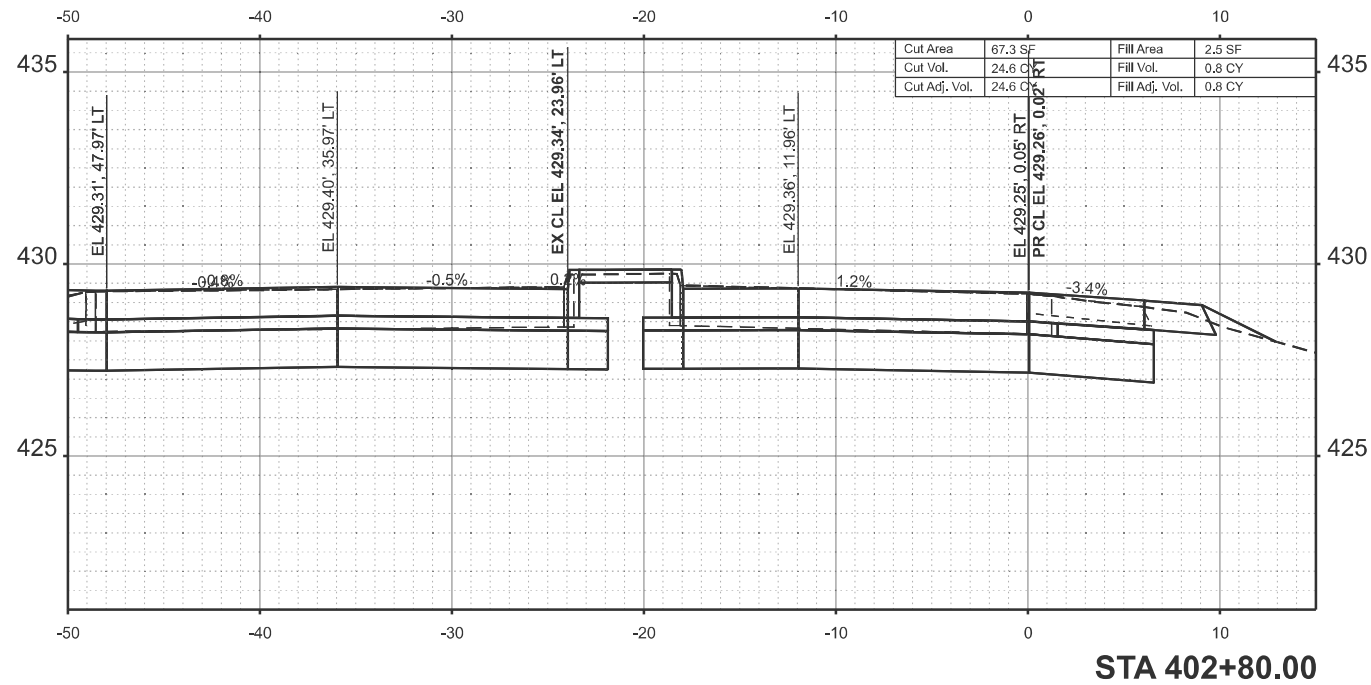
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 56 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	97
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				

MODEL: NW Rad - 402+70.00 [Sheet]
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	USER NAME	= tristen.reid	DESIGNED	-	REVISED	-
	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	PLOT DATE	= 12/3/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NW RADIUS CROSS SECTIONS

SCALE: 1"=5' SHEET 57 OF 57 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28-3,109,109-1,110)N-1	WHITE	98	98
CONTRACT NO. 78A38				
ILLINOIS FED. AID PROJECT				