11-07-2025 LETTING TIME 072

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	1
	ILLINOIS	CONTRACT NO. 78813		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 869 (IL 14)
SECTION 1,1-1(RS-5)
PROJECT STP-50T3(518)
3R PROJECT
PERRY COUNTY

C-99-088-20

FOR INDEX OF SHEETS, SEE SHEET NO. 3

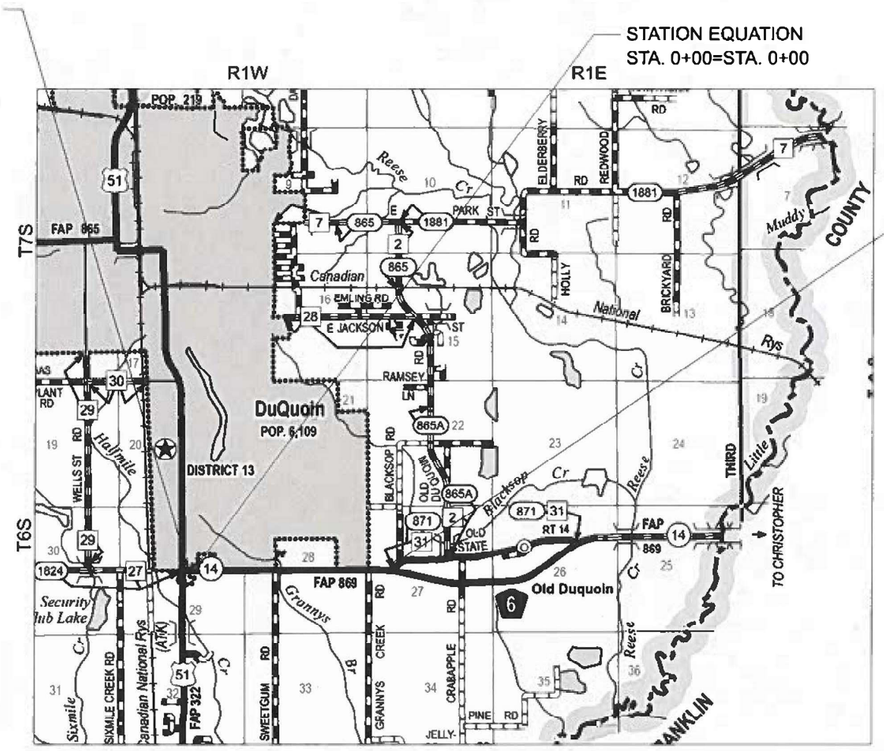
TRAFFIC DATA
IL 14 (FAP 869) PERRY COUNTY

IL-14: MP 0.00-1.70 FAP 322 US 51 TO OLD IL 14 WEST CONNECTOR			
	2019	2026	2046
PV =	2,730	2,925	3,580
SU =	170	180	220
MU =	200	215	260
ADT =	3,100	3,320	4,060

TOWNSHIP
DUQUOIN

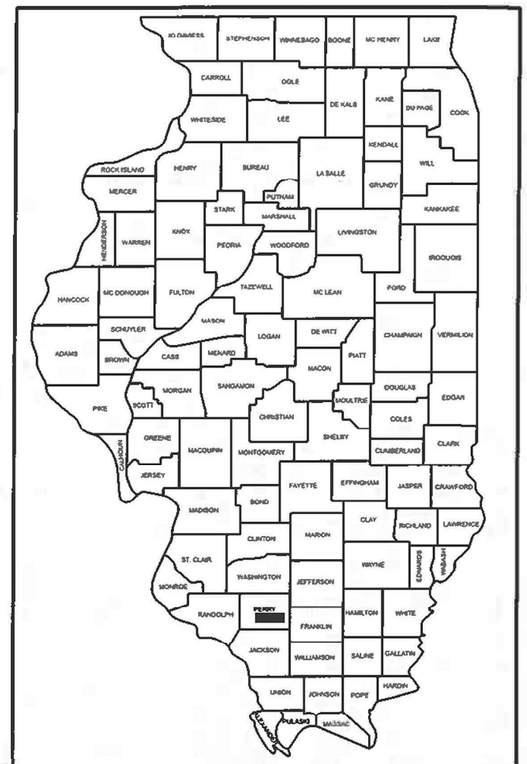
PROJECT BEGINS
STA. -2+77 (US 51/IL 14)

STATION EQUATION
STA. 0+00=STA. 0+00

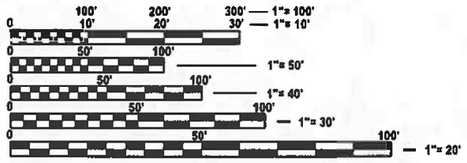


PROJECT ENDS
STA. 84+50

D-99-068-20



LOCATION OF SECTION INDICATED THUS: -



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

DESIGN DESIGNATION: 300(25)MINOR ARTERIAL(1.14)(HMA-20)
COORDINATE SYSTEM: NAD 1983 STATE PLANE ILLINOIS EAST
POSTED SPEED: 55 MPH

GROSS LENGTH = 8,754.5 FT. = 1.66 MILE
NET LENGTH = 8,754.5 FT. = 1.66 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 13 20 25
Lora S. Ransmeier
REGIONAL ENGINEER

October 3 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

October 3 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: VALERIE ROLLA
PROJECT ENGINEER: MELISSA COLE

CONTRACT NO. 78813

REV - MS

Prepared By: Susan Poe
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Neil HPP
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Con Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [signature]
DISTRICT OPERATIONS ENGINEER

Examined By:
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bob Wills
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aaron Parf
DISTRICT MATERIALS ENGINEER

MODEL: Signature Sheet [Sheet]
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SIGNATURE SHEET

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	2
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS,
4	GENERAL NOTES, COMMITMENTS
5	MIXTURE REQUIREMENTS
6-14	SUMMARY OF QUANTITIES
15-16	TYPICAL SECTIONS: IL 14
17	TYPICAL SECTIONS: FAIRGROUND ENTRANCE
18-21	TIES, ALIGNMENTS AND BENCHMARKS
22-34	SCHEDULES
35-42	PLAN AND PROFILE SHEETS
43-50	EROSION CONTROL SHEETS
51-56	RIGHT-OF-WAY SHEETS
57-70	DETAIL SHEETS
71-77	BOX CULVERT PLAN SHEETS
78-201	CROSS SECTIONS

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001001-02 AREAS OF REINFORCEMENT BARS
001006 DECIMAL OF AN INCH AND OF A FOOT
280001-07 TEMPORARY EROSION CONTROL SYSTEMS
406201-01 MAILBOX TURNOUT
420001-10 PAVEMENT JOINTS
442201-03 CLASS C & D PATCHES
482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542001-06 CONCRETE END SECTIONS FOR PIPE CULVERTS 15 IN THRU 84 IN EQUIVALENT DIAMETER
542011-02 CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15 IN THRU 72 IN EQUIVALENT DIAMETER
542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-07 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
542401-04 METAL FLARED END SECTION FOR PIPE CULVERT
542406-04 METAL FLARED END SECTION FOR PIPE ARCH
542546-01 FLUSH INLET BOX FOR MEDIAN
642006-01 SHOULDER RUMBLE STRIP 8 IN
666001-01 ROW MARKERS
667101-02 PERMANENT SURVEY MARKERS
701001-02 OFF ROAD OPERATIONS -2L2W-15 FT MIN FROM EOP
701006-05 OFF ROAD OPERATIONS-2L2W-15 FT TO EOP
701011-04 OFF ROAD MOVING OPERATIONS-2L2W-DAY ONLY
701201-05 LANE CLOSURE 2L2W DAY ONLY
701301-04 LANE CLOSURE 2L2W SHORT TIME OPERATIONS
701306-04 LANE CLOSURE 2L2W-SLOW MOVING OPERATIONS DAY ONLY 45MPH OR MORE
701311-03 LANE CLOSURE 2L2W-MOVING OPERATIONS DAY ONLY
701316-14 LANE CLOSURE 2L2W-BRIDGE REPAIR 45MPH OR MORE
701326-04 LANE CLOSURE 2L2W-PAVEMENT WIDENING 45MPH OR MORE
701336-07 LANE CLOSURE 2L2W-WORK AREAS IN SERIES 45MPH OR MORE
701501-06 URBAN LANE CLOSURE 2L2W UNDIVIDED
701901-10 TRAFFIC CONTROL DEVICES
780001-05 TYPICAL PAVEMENT MARKINGS
781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES RURAL LOCAL HIGHWAYS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
AND HIGHWAY STANDARDS

SCALE: | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	3
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

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

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.

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

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

THE REMOVAL OF EXISTING ENTRANCE PIPE CULVERTS ENCASED IN CONCRETE WILL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM PIPE CULVERT REMOVAL ONLY IF 2 FT OR LESS OF THE ENDS OF THE CULVERT ARE ENCASED. IF MORE THAN 2 FT OF THE ENDS OF THE CULVERT ARE ENCASED IN CONCRETE, THE REMOVAL WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS. THIS WORK WILL BE PAID ACCORDING TO ARTICLE 109.04.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDERS

FLOWLINE ELEVATIONS OF CULVERTS SHOWN ON THE PLAN AND PROFILE SHEETS ARE FLOW LINE ELEVATIONS AT THE END OF THE CULVERT END SECTION. STATION/OFFSETS SHOWN ARE FOR THE END OF THE PIPE CULVERTS.

GENERAL NOTES

PLACEMENT AND LOCATION OF PERMANENT SURVEY MARKERS SHALL BE DETERMINED BY THE ENGINEER IN COORDINATION WITH THE DISTRICT 9 SURVEYS UNIT. IN ADDITION TO THE REQUIREMENTS OF STANDARD 667101, BACKFILL USED IN CONJUNCTION WITH PRECAST MARKERS SHALL BE QUICK-MIX CONCRETE OR SIMILAR MATERIAL APPROVED BY THE ENGINEER.

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF DUQUOIN

INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION

COMMITMENTS:

TREE REMOVAL WILL NOT BE ALLOWED FROM APRIL 1 TO SEPTEMBER 30

STA. 2+70 LT - THE HOUSE DRAINS LOCATED APPROXIMATELY AT STA. 2+70 LT WILL CONTINUE TO DRAIN AWAY FROM THE PROPERTY DURING AND UPON COMPLETION OF THE PROJECT.

STA. 2+70 LT - WHEN CONSTRUCTION IS COMPLETE THE CONTRACTOR WILL LEVEL THE GROUND AND RESEED WITH GRASS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	4
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Locations	Hot-Mix Asphalt Surface Course (Main line and Entrance Road)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-9.5mm
(Gradation Mixture)	
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	1000 TONS
Material Transfer Device (Required?)	Yes

Locations	Binder Course 1 ¼"
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-9.5mm Fine Graded
(Gradation Mixture)	
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	1000 TONS
Material Transfer Device (Required?)	Yes

HMA MIXTURE REQUIREMENTS TABLES

Locations	Binder Course 2 ¼" and Hot-Mix Asphalt Shoulders 8" (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-19.0, N70
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-19.0 mm
(Gradation Mixture)	
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 TONS
Material Transfer Device (Required?)	Yes

Locations	Hot-Mix Asphalt Shoulders 8" (Surface Lift) and Incidental Hot-Mix Asphalt Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-9.5L
(Gradation Mixture)	
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 TONS
Material Transfer Device (Required?)	No



8" HMA SHOULDER LIFTS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA MIXTURE REQUIREMENTS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	5
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / ROADWAY 0004	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / SN 073-7092 0004
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	72	72	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	390	390	
20200100	EARTH EXCAVATION	CU YD	16,304	16,304	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	459	205	254
20900110	POROUS GRANULAR BACKFILL	CU YD	58	58	
25000100	SEEDING, CLASS 1	ACRE	14.5	14.5	
25000350	SEEDING, CLASS 7	ACRE	14.5	14.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,305	1,305	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,305	1,305	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,305	1,305	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	29	29	
25100115	MULCH, METHOD 2	ACRE	14.5	14.5	
25100630	EROSION CONTROL BLANKET	SQ YD	16,167	16,167	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,450	1,450	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 9 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	6
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / ROADWAY 0004	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / SN 073-7092 0004
28000305	TEMPORARY DITCH CHECKS	FOOT	630	630	
28000400	PERIMETER EROSION BARRIER	FOOT	3,339	3,339	
28000500	INLET AND PIPE PROTECTION	EACH	43	43	
28100107	STONE RIPRAP, CLASS A4	SQ YD	37		37
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	48	48	
28200200	FILTER FABRIC	SQ YD	85	48	37
35100100	AGGREGATE BASE COURSE, TYPE A	TON	492	492	
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	982	982	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	310	310	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,446	22,446	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	9,364	9,364	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	173	173	

REV - MS

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / ROADWAY 0004	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / SN 073-7092 0004
40600990	TEMPORARY RAMP	SQ YD	136	136	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1,753	1,753	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	330	330	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	2,305	2,305	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	191	191	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	249	249	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	24,702	24,702	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	151	151	
44004250	PAVED SHOULDER REMOVAL	SQ YD	488	488	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	532	532	
44201373	CLASS C PATCHES, TYPE I, 12 INCH	SQ YD	5	5	
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	26	26	
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	85	85	
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	637	433	204

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SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 9 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	8
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. ROUTE: FAP 869 (IL 14) FUNDING: 80% FEDERAL 20% STATE LOCATION: RURAL ROADWAY 0004	COUNTY: PERRY CO. ROUTE: FAP 869 (IL 14) FUNDING: 80% FEDERAL 20% STATE LOCATION: RURAL SN 073-7092 0004
44213204	TIE BARS 3/4"	EACH	109	95	14
48100100	AGGREGATE SHOULDERS, TYPE A	TON	115	115	
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	5,818	5,818	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	9,697	9,697	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1
50105220	PIPE CULVERT REMOVAL	FOOT	1,460	1,460	
50200100	STRUCTURE EXCAVATION	CU YD	354		354
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	179	102	77
50800105	REINFORCEMENT BARS	POUND	4,980		4,980
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	2	
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2	2	

REV - MS

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. ROUTE: FAP 869 (IL 14) FUNDING: 80% FEDERAL 20% STATE LOCATION: RURAL ROADWAY 0004	COUNTY: PERRY CO. ROUTE: FAP 869 (IL 14) FUNDING: 80% FEDERAL 20% STATE LOCATION: RURAL SN 073-7092 0004
54003000	CONCRETE BOX CULVERTS	CU YD	24.9		24.9
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	64	64	
54010403	PRECAST CONCRETE BOX CULVERTS 4' X 3'	FOOT	80	80	
54011004	PRECAST CONCRETE BOX CULVERTS 10' X 4'	FOOT	54		54
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	81	81	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	98	98	
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	63	63	
542A5476	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 21"	FOOT	89	89	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	571	571	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	656	656	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	335	335	
542D5479	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	88	88	
54213450	END SECTIONS 15"	EACH	27	27	

REV - MS

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. ROUTE: FAP 869 (IL 14) FUNDING: 80% FEDERAL 20% STATE LOCATION: RURAL ROADWAY 0004	COUNTY: PERRY CO. ROUTE: FAP 869 (IL 14) FUNDING: 80% FEDERAL 20% STATE LOCATION: RURAL SN 073-7092 0004
54213453	END SECTIONS 18"	EACH	32	32	
54213459	END SECTIONS 24"	EACH	14	14	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2	
54214299	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	4	4	
54214506	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 21"	EACH	4	4	
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	1	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	220	105	115
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	17,454	17,454	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	22	22	
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	5	5	

REV - MS

MODEL: SOQ [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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PLOT DATE = 8/6/2025	DATE -	REVISED -	

SUMMARY OF QUANTITIES

SCALE: | SHEET 6 OF 9 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	11
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES - CONT

	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / ROADWAY 0004	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / SN 073-7092 0004
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	355	355	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6	6	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
	67100100	MOBILIZATION	L SUM	1	1	
	70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1		1
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
	70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
	70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
	70106700	TEMPORARY RUMBLE STRIPS	EACH	6		6

* SPECIALTY ITEM

REV - MS

SUMMARY OF QUANTITIES - CONT

				COUNTY:	PERRY CO.	PERRY CO.
				ROUTE:	FAP 869 (IL 14)	FAP 869 (IL 14)
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LOCATION:	RURAL	RURAL
	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	SN 073-7092
					0004	0004
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	112	84	28
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,877	2,877	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	959	959	
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	36	36	
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	24,595	24,595	
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	262	262	
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	40	40	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36	36	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24,595	24,595	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	262	262	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	175	175	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	175	175	

* SPECIALTY ITEM

REV - MS

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SUMMARY OF QUANTITIES

SCALE: | SHEET 8 OF 9 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	13
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES - CONT

	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / ROADWAY / 0004	COUNTY: PERRY CO. / ROUTE: FAP 869 (IL 14) / FUNDING: 80% FEDERAL 20% STATE / LOCATION: RURAL / SN 073-7018 / 0004
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	8,580	8,580	
*	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1		1
	X2503100	MOWING	UNIT	88	88	
	X4430200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	17,454	17,454	
	X5400005	BOX CULVERT REMOVAL	FOOT	6	6	
	X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	220	105	115
	X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.7	0.3
	X7200203	DETOUR SIGNING	L SUM	1	0.7	0.3
	X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	2	2	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.9	0.1
	44600405	MATERIAL TRANSFER DEVICE	TON	4,388	4,388	
Ø	Z0076600	TRAINEES	HOUR	500	500	
*	Z0054517	ROCK FILL - FOUNDATION	TON	210	125	85
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

* SPECIALTY ITEM

REV - MS

MODEL: SOQ 9 [Sheet]
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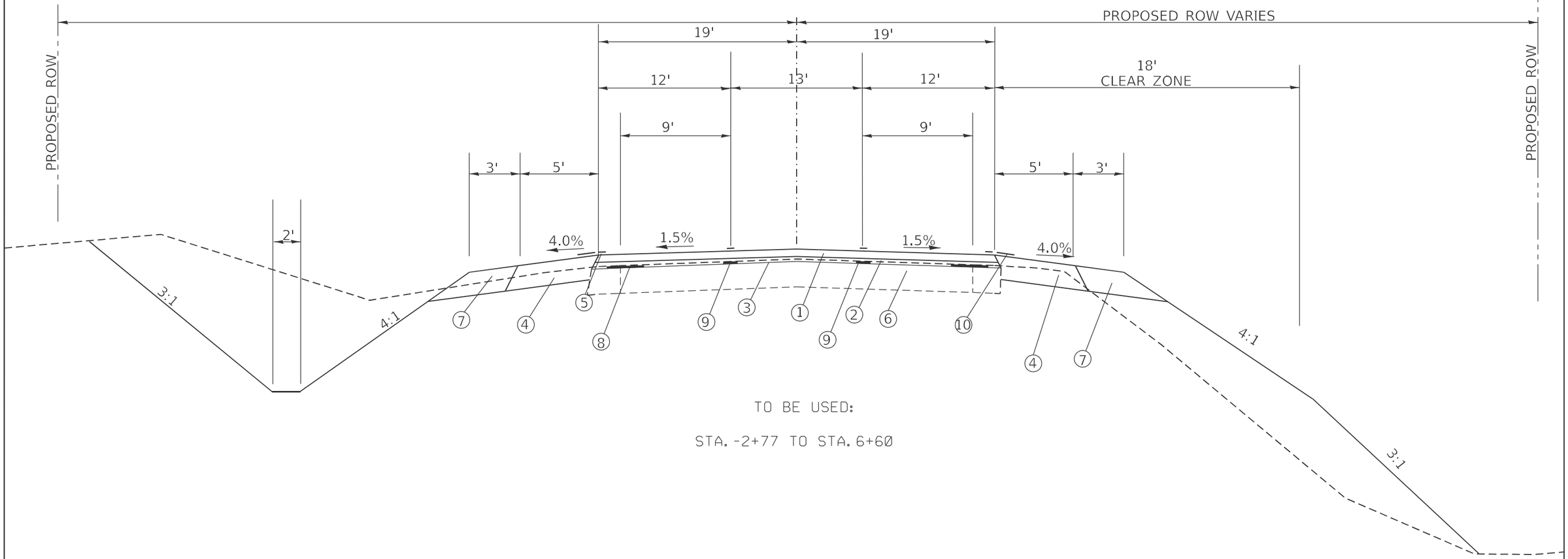
PLOT DATE = 8/6/2025	DATE -	REVISED -	

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	14
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

IL 14
FAP 869



TO BE USED:

STA. -2+77 TO STA. 6+60

① PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1.5"
② PROPOSED HOT-MIX ASPHALT BINDER, 1.25"
③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
④ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
⑤ PROPOSED EDGE LINE STRIPING (TYP.)
⑥ EXISTING HMA RESURFACED PAVEMENT
⑦ PROPOSED AGGREGATE SHOULDERS, 8"
⑧ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT (TYP.)
⑨ PROPOSED LONGITUDINAL JOINT SEALANT
⑩ PROPOSED RUMBLE STRIP, 8" (TYP.)

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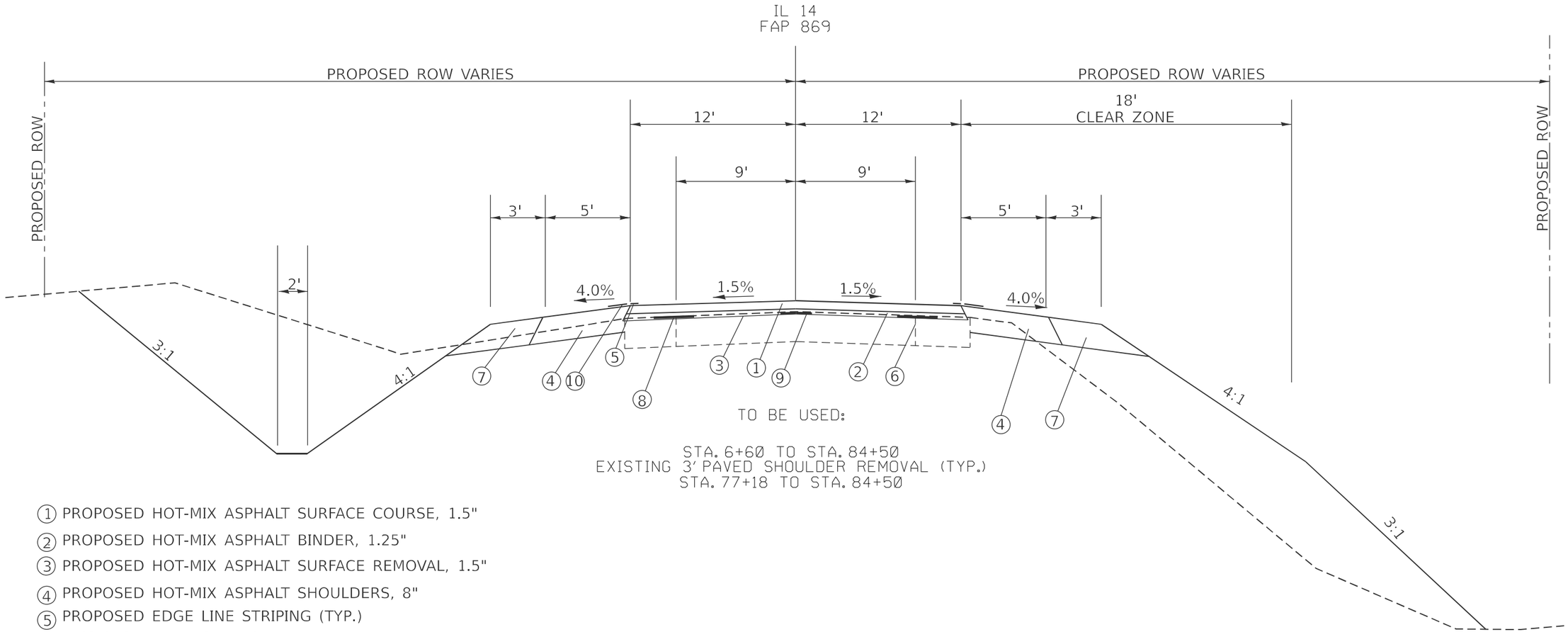
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: | SHEET 15 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	15
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



① PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1.5"
② PROPOSED HOT-MIX ASPHALT BINDER, 1.25"
③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
④ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
⑤ PROPOSED EDGE LINE STRIPING (TYP.)
⑥ EXISTING HMA RESURFACED PAVEMENT
⑦ PROPOSED AGGREGATE SHOULDERS, 8"
⑧ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT (TYP.)
⑨ PROPOSED LONGITUDINAL JOINT SEALANT
⑩ PROPOSED RUMBLE STRIP, 8" (TYP.)

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PLOT DATE = 9/24/2025	DATE -	REVISED -	

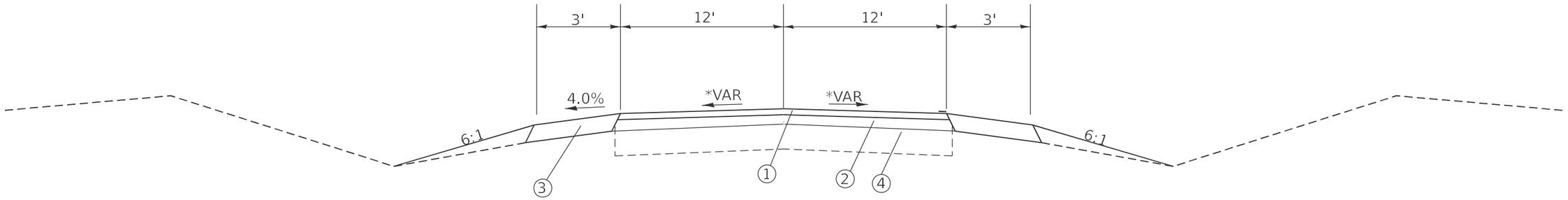
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	16
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

IL 14
FAP 869



TO BE USED:

STA. 0+00 TO STA. 9+25
FAIRGROUND ENTRANCE

① PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1.5"
② PROPOSED HOT-MIX ASPHALT BINDER, 2.25"
③ PROPOSED AGGREGATE SHOULDERS, 3.75"
④ EXISTING PAVEMENT

MODEL: Untitled-2 [Sheet]
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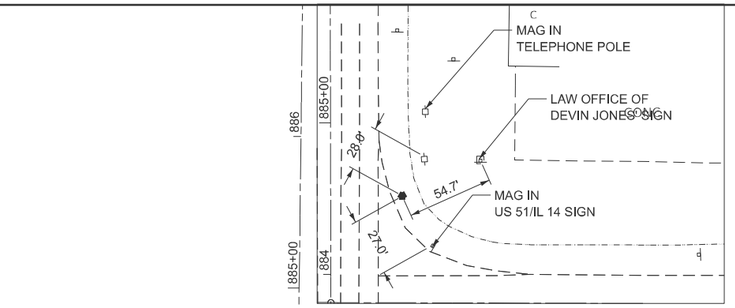
	CHECKED -	REVISED -	
PLOT DATE = 9/24/2025	DATE -	REVISED -	

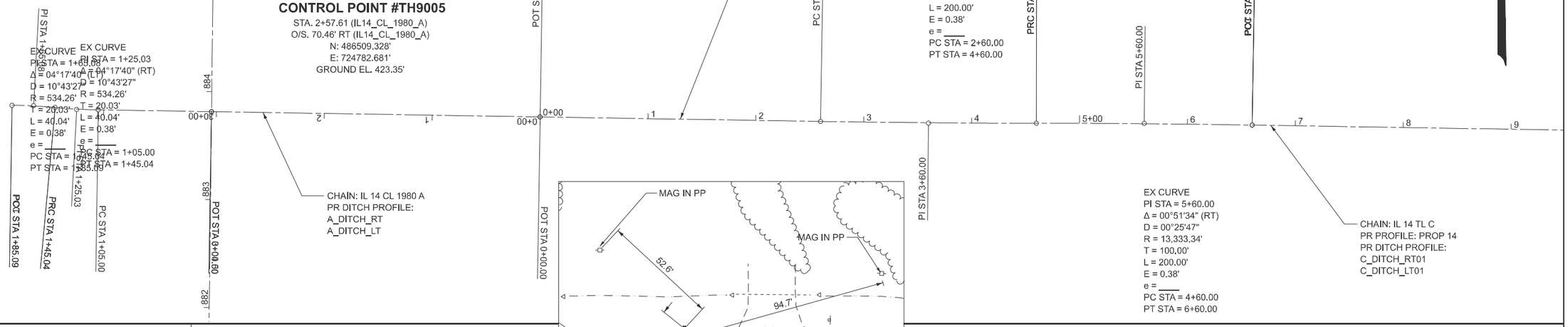
TYPICAL SECTION

SCALE: | SHEET 17 OF 3 SHEETS | STA. | TO STA.

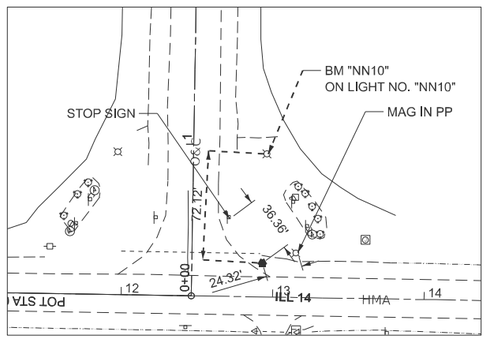
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	17
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



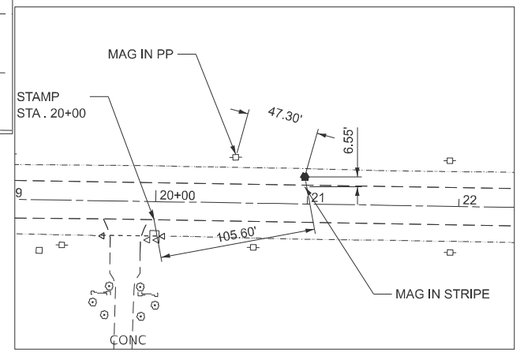
CONTROL POINT #TH9005
STA. 2+57.61 (IL14_CL_1980_A)
O/S. 70.46' RT (IL14_CL_1980_A)
N: 486509.328'
E: 724782.681'
GROUND EL. 423.35'



CONTROL POINT #32001
STA. 1+20.09 (IL14_CL_1980_B)
O/S. 18.09' LT (IL14_CL_1980_B)
N: 476727.159'
E: 725159.491'
GROUND EL. 422.56'



CONTROL POINT #20145
STA. 12+92.90 (IL14_TL_C)
O/S. 22.30' LT (IL14_TL_C)
N: 476707.398'
E: 726332.253'
GROUND EL. 421.01'



CONTROL POINT #20144
STA. 20+98.08 (IL14_TL_C)
O/S. 18.01' LT (IL14_TL_C)
N: 476690.221'
E: 727137.263'
GROUND EL. 417.94'

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USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
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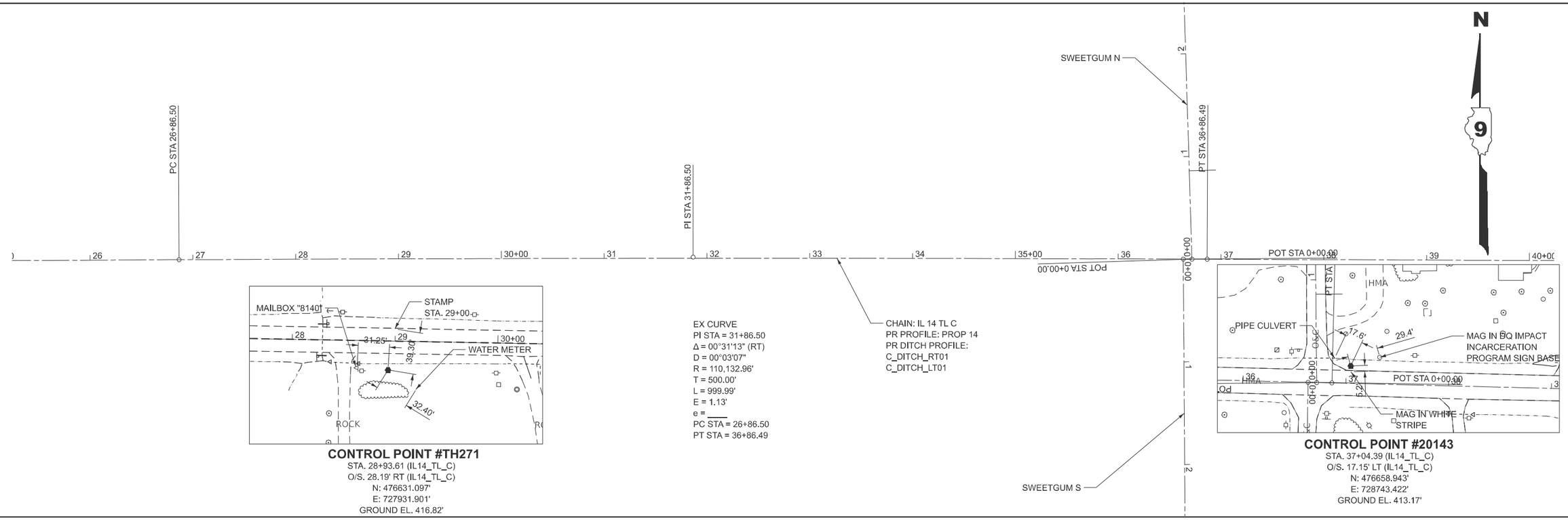
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: | SHEET A001 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	18
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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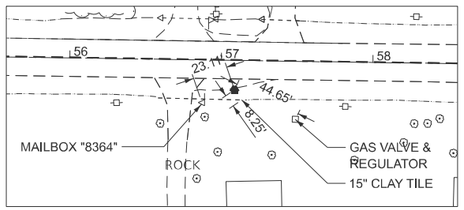
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET A002 OF 4 SHEETS | STA. 25+24.06 | TO STA. 55+24.06

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	19
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



CONTROL POINT #20142
STA. 57+08.96 (IL14_TL_C)
O/S. 19.33' RT (IL14_TL_C)
N: 476581.132'
E: 730746.835'
GROUND EL. 413.06'

PC STA 61+31.34

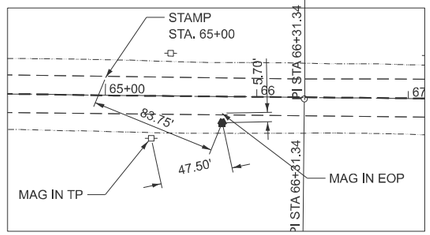
EX CURVE
PI STA = 66+31.34
Δ = 00°25'01" (LT)
D = 00°02'30"
R = 137,439.34'
T = 500.00'
L = 1000.00'
E = 0.91'
e = ____
PC STA = 61+31.34
PT STA = 71+31.34

N

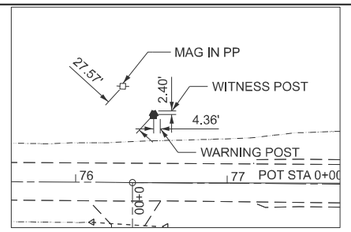
9

56 | 57 | 58 | 59 | 60+00 | 61 | 62 | 63 | 64 | 65+00 | 66 | 67 | 68 | 69 | 70+0(

CHAIN: IL 14 TL C
PR PROFILE: PROP 14
PR DITCH PROFILE:
C_DITCH_RT01
C_DITCH_LT01



CONTROL POINT #20141
STA. 65+77.26 (IL14_TL_C)
O/S. 17.23' RT (IL14_TL_C)
N: 476571.111'
E: 731615.134'
GROUND EL. 410.44'



CONTROL POINT #32003/PSM #2204
STA. 76+51.15 (IL14_TL_C)
O/S. 45.04' LT (IL14_TL_C)
N: 476624.186'
E: 732689.519'
GROUND EL. 409.87'

PT STA 71+31.34

PC STA 78+16.51

PI STA 84+48.00

71 | 72 | 73 | 74 | 75+00 | 76 | 77 | POT STA 0+00.00 | 78 | 79 | 80+00 | 81 | 82 | 83 | 84 | 85+0(

CHAIN: IL 14 TL C
PR PROFILE: PROP 14
PR DITCH PROFILE:
C_DITCH_RT01
C_DITCH_LT01

GRANNY'S CREEK

1

2

EX CURVE
PI STA = 84+48.00
Δ = 12°35'47" (RT)
D = 01°00'05"
R = 5,721.67'
T = 631.49'
L = 1257.89'
E = 34.74'
e = ____
PC STA = 78+16.5
PT STA = 90+74.2

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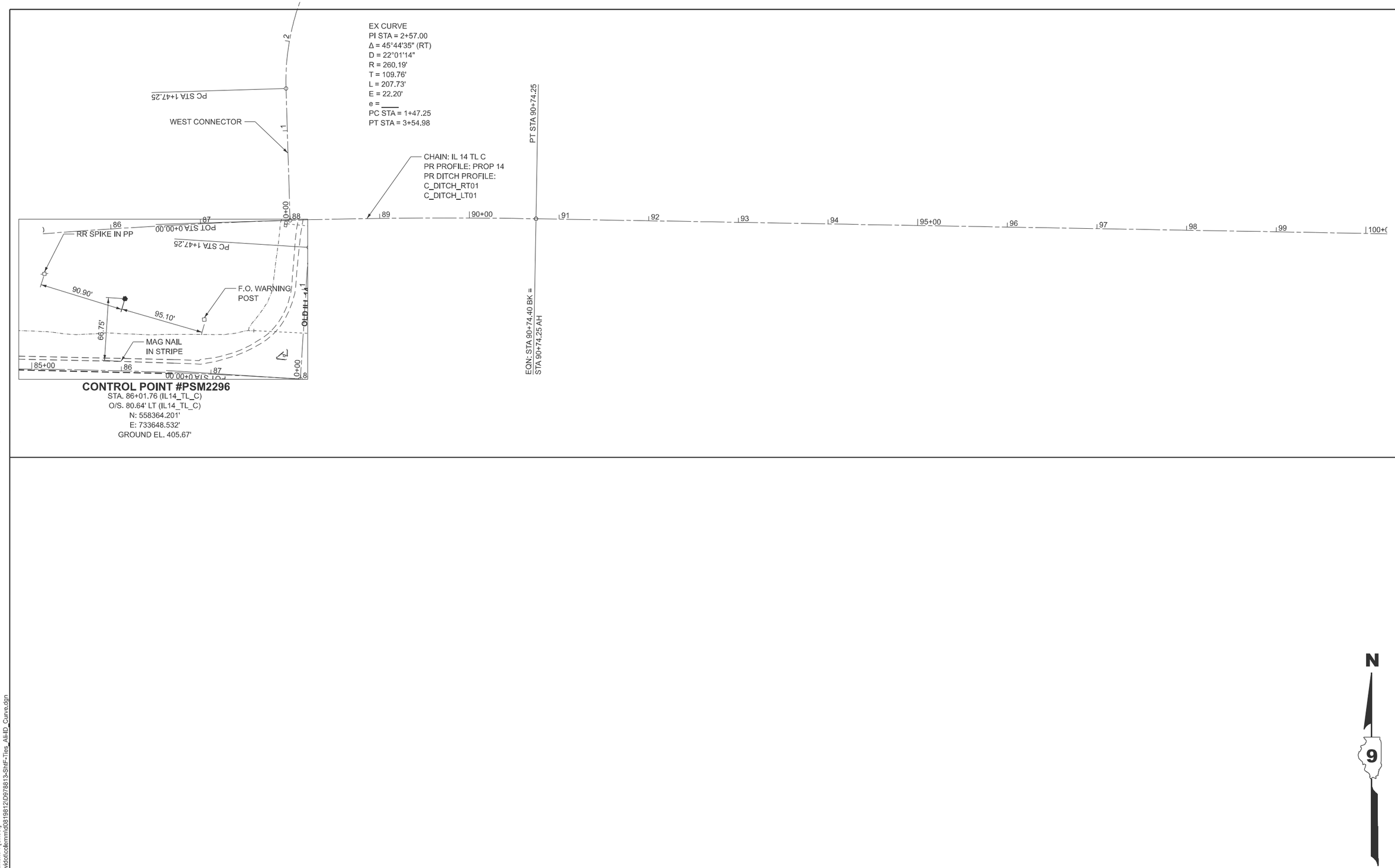
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET A003 OF 4 SHEETS | STA. 55+24.06 | TO STA. 85+24.06

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	20
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



CONTROL POINT #PSM2296
STA. 86+01.76 (IL14_TL_C)
O/S. 80.64' LT (IL14_TL_C)
N: 558364.201'
E: 733648.532'
GROUND EL. 405.67'

N

9

MODEL: IL14_TL_C - Alignment-4 [Sheet]
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET A004 OF 4 SHEETS | STA. 85+24.06 | TO STA. 115+23.91 R2

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	21
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE SCHEDULE

LOCATION STATION	OFFSET	PIPE CULVERTS								END SECTIONS				PRECAST REINFORCED CONCRETE FLARED END SECTIONS				INLETS, TYPE A	FLUSH INLET BOX FOR MEDIAN, STD 542546	INLET AND PIPE PROTECTION	PIPE CULVERT REMOVAL	POROUS GRANULAR BACKFILL
		CLASS A TYPE 1				CLASS D TYPE 1																
		18"	24"	30"	21" ERS	15"	18"	24"	24" ERS	15"	18"	24"	24" ERS	18"	24"	30"	21" ERS					
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	CU YD
0+23	LT							61				2								1	50	
0+28	RT					38				2										1	29	
1+50	LT							49				2								1	35	
2+90	LT					22				1											24	
3+02	LT					10				1									1			
3+17	LT					35				1										1	37	
3+37	RT					41				2										1	39	
8+10	LT					37				2										1	37	
10+25	LT						39				2									1	20	
10+57	RT						40				2									1	19	
12+46	LT	81												2						1	92	
13+00	RT						44				2									1	25	
17+73	RT							42				2								1	21	
19+83	RT								48				2							1	37	
22+52	RT								40				2							1	24	
25+64	RT							52				2								1	30	
28+49	RT					42				2										1	25	
30+25	RT					48				2										1	31	
32+08	RT					36				2								1		1		
34+00	RT					48				2										1	40	
34+23	LT					46				2										1	18	
35+21	RT					48				2										1	33	
36+63	SR RT		49												2					1		11
36+72	SR LT		49												2					1	35	8
38+10	RT						38				2									1	21	
39+17	LT						34				2									1	30	
42+27	LT						43				2									1	20	
42+96	LT						41				2									1	21	
43+65	RT					36				2										1	18	
48+14	LT					37				2										1	33	
50+64	RT						58				2									1	38	
50+69	LT					47				2										1	31	
51+52	RT						48				2									1	28	
53+17	RT						54				2									1	58	
56+76	LT				47												2			1	32	
56+86	RT						42				2									1	56	
57+39	LT				42												2			1	26	
58+87	RT						32				2									1	17	
59+74	LT						42				2									1	21	
59+75	RT						36				2									1	21	
60+70	LT						25				2									1	21	
61+12	RT							34				2								1	25	
62+56	RT							46				2								1	46	
62+87	LT						40				2									1	42	
74+61	RT							51				2								1	29	
76+33	SR RT			63												2					45	39
TOTAL		81	98	63	89	571	656	335	88	27	32	14	4	2	4	2	4	1	1	43	1380	58

MODEL: Schedule [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-Sht-Schedules.dgn

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PLOT DATE = 9/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	22
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

LOCATION STATION	OFFSET	PRECAST CONCRETE BOX CULVERTS			CONCRETE BOX CULVERTS	BOX CULVERT END SECTIONS, CULVERT NO.	STONE RIPRAP, CL A4	STONE DUMPED RIPRAP, CL A4	FILTER FABRIC	POROUS GRANULAR EMBANKMENT	REMOVAL OF EXISTING STRUCTURES	PIPE CULVERT REMOVAL	BOX CULVERT REMOVAL	CLASS C PATCHES, TY IV 12 INCH	WELDED WIRE REINFORCEMENT	TIE BARS, 3/4"
		4' X 3'	4' X 2'	10' X 4'												
		FOOT	FOOT	FOOT	CU YD	EACH	SQ YD	SQ YD	SQ YD	CU YD	EACH	FOOT	FOOT	SQ YD	SQ YD	EACH
2+62	XROAD	80				2		27	27	108		80		160	160	
28+16	XROAD		52			2		21	21	86	1			168	168	12
39+80	XROAD			54	24.9		37		37	254	1			204	204	14
63+06	XROAD		12			2				11			6			
TOTAL		80	64	54	24.9	6	37	48	85	459	2	80	6	532	532	26

MODEL: Schedule-1 [Sheet]
FILE NAME: c:\pw_work\pwidot\cotemmd\d0819812\D978813-Sht-Schedules.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 9/29/2025	DATE -	REVISED -	

CROSS ROAD DRAINAGE STRUCTURE SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	23
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION					TEMPORARY PAVEMENT MARKING						PAVEMENT MARKING REMOVAL - GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
					LINE - 4" WHITE	LINE - 4" YELLOW		LINE -12 INCH	LINE -24 INCH	LETTERS & SYMBOLS			
					SOLID	SOLID	SKIP - DASH						
FAP 869 (IL 14)					FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	SQ FT
STA	-2+77.00		TO	STA	0+00.00	923	486			40	36	587	150	50
EQ. STA	0+00.00	BK	TO	STA	0+00.00									
STA	0+00.00		TO	STA	2+60.00	520	1080		127			661	162	54
STA	2+60.00		TO	STA	5+95.00	670	1340		135			805	201	67
STA	5+95.00		TO	STA	7+65.00	340	340					227	51	17
STA	7+65.00		TO	STA	38+81.00	6232		779				2337	936	312
STA	38+81.00		TO	STA	44+25.00	1088	544	136				590	165	55
STA	44+25.00		TO	STA	49+53.00	1056		132				396	159	53
STA	49+53.00		TO	STA	60+09.00	2112	1056	264				1144	318	106
STA	60+09.00		TO	STA	84+52.00	4886		611				1833	735	245
					SUBTOTAL	17827	4846	1922						
					TOTAL	24595			262	40	36	8580	2877	959

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION					PAINT PAVEMENT MARKING			THERMOPLASTIC PAVEMENT MARKING			RAISED REFL PAVEMENT MARKER	RAISED REFL PAVEMENT MARKER REMOVAL	COMMENTS
					LINE - 4" WHITE	LINE - 4" YELLOW		LINE -12 INCH	LINE -24 INCH	LETTERS & SYMBOLS			
					SOLID	SOLID	SKIP - DASH						
FAP 869 (IL 14)					FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	
STA	-2+77.00		TO	STA	0+00.00	923	486			40	36	20	20	DOUBLE YELLOW; STOP BAR; LT ARROW; ONLY
EQ. STA	0+00.00	BK	TO	STA	0+00.00									
STA	0+00.00		TO	STA	2+60.00	520	1080		127			13	13	DOUBLE YELLOW
STA	2+60.00		TO	STA	5+95.00	670	1340		135			34	34	DOUBLE YELLOW
STA	5+95.00		TO	STA	7+65.00	340	340					10	10	DOUBLE YELLOW
STA	7+65.00		TO	STA	38+81.00	6232		779				39	39	
STA	38+81.00		TO	STA	44+25.00	1088	544	136				7	7	SKIP DASH LT
STA	44+25.00		TO	STA	49+53.00	1056		132				7	7	
STA	49+53.00		TO	STA	60+09.00	2112	1056	264				14	14	SKIP DASH RT
STA	60+09.00		TO	STA	84+52.00	4886		611				31	31	
					SUBTOTAL	17827	4846	1922						
					TOTAL	24595			262	40	36	175	175	

MODEL: Schedule-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-SheE-Schedules.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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PLOT DATE = 8/14/2025	DATE -	REVISED -	

PAVEMENT AND TEMPORARY PAVEMENT MARKING SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	24
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMP RAMPS	HMA BINDER COURSE (1 1/4")	HMA BINDER COURSE (2 1/4")	HMA SURFACE COURSE (1 1/2")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	STRIP REFLECTIVE CRACK CONTROL	LONG JOINT SEALANT
	FOOT	FOOT	SQ YD	TON	TON	TON	TON	SQ YD	POUND	FOOT	FOOT
FAP 869 (IL 14)											
STA -2+77.00 TO STA 0+00.00	277	36	122	106		126	232	1488	748	554	554
EQ. STA 0+00.00 BK TO STA 0+00.00 AH											
STA 0+00.00 TO STA 3+60.00	360	36		102		122	224	1440	972	720	720
STA 3+60.00 TO STA 6+60.00	300	36-24		71		85	156	1000	675	600	300
STA 6+60.00 TO STA 84+50.00	7790	24	14	1474		1755	3229	20774	14022	15580	7790
FAIRGROUND ENTRANCE											
STA 0+00.00 TO STA 9+25.00	925	24			330	217	547		1665		
PROJECT TOTALS			136	1753	330	2305	4388	24702	18082	17454	9364

SHOULDER SCHEDULE

LOCATION STATION TO STATION	EXIST. SHOULDER LENGTH (INFO ONLY)	EXIST PAVED SHOULDER WIDTH (INFO ONLY)	PROP HMA SHOULDER WIDTH (INFO ONLY)	PROP AGG SHOULDER WIDTH (INFO ONLY)	HMA SHOULDERS 8"	AGG SHOULDERS TY A 8"	AGG SHOULDERS TY A (3 1/4")	PAVED SHOULDER REMOVAL	BITUMINOUS MATERIALS (TACK COAT)	SHOULDER RUMBLE STRIPS 8 INCH
	FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	TON	SQ YD	POUND	FOOT
FAP 869 (IL 14)										
STA -2+77.00 TO STA 0+00.00	277.00		5	3	308	185			139	554
EQ. STA 0+00.00 BK TO STA 0+00.00 AH										
STA 0+00.00 TO STA 6+60.00	660.00		5	3	733	440			330	1320
STA 6+60.00 TO STA 77+18.00	7058.00		5	3	7842	4705			3529	14116
STA 77+18.00 TO STA 84+50.00	732.00	3	5	3	813	488		488	366	1464
FAIRGROUND ENTRANCE										
STA 0+00.00 TO STA 9+25.00	925.00			3			115			
PROJECT TOTALS					9697	5818	115	488	4364	17454

MODEL: Schedule-3 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht\E-Schedules.dgn

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	DRAWN -	REVISED -		
	CHECKED -	REVISED -		
PLOT DATE = 9/29/2025	DATE -	REVISED -		SCALE: SHEET 4 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1.1-1(RS-5)	PERRY	201	25
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

FURNISHING AND ERECTING RIGHT-OF -WAY MARKERS SCHEDULE

STATION		OFFSET	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS
		FOOT	EACH
2+00.00	RT	60	1
2+00.00	RT	85	1
2+90.00	RT	60	1
2+90.00	RT	85	1
3+51.72	LT	50	1
35+00.00	LT	50	1
35+00.00	LT	60	1
36+33.74	RT	50	1
36+42.93	LT	109.07	1
36+43.95	RT	70	1
36+44.62	LT	60	1
36+47.93	LT	109.24	1
36+89.62	LT	60	1
39+00.00	LT	50	1
39+00.00	LT	60	1
39+30.05	RT	70	1
40+50.00	RT	60	1
40+50.00	RT	70	1
49+57.00	RT	60	1
52+60.00	RT	60	1
63+08.63	LT	60	1
76+31.29	LT	60	1
TOTAL			22

MODEL: Schedule-4 [Sheet]
FILE NAME: c:\dw_work\pwidot\colemmd\d0819812\D978813-SheE-Schedules.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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PLOT DATE = 8/14/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FURNISHING AND ERECTING ROW MARKERS SCHEDULE

SCALE: | SHEET 5 OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1.1-1(RS-5)	PERRY	201	26
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION			PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET	SEEDING, CLASS 1	SEEDING, CLASS 7	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	TEMPORARY EROSION CONTROL SEEDING
LT			FOOT	SQ YD	ACRE	ACRE	ACRE	POUND	POUND	POUND	TON	POUND
-2+77	TO	0+00	134	154	0.1	0.1	0.1	9	9	9	0.2	10
0+00	TO	3+60	360		0.2	0.2	0.2	18	18	18	0.4	20
3+60	TO	6+19		259	0.2	0.2	0.2	18	18	18	0.4	20
6+19	TO	8+10		191	0.1	0.1	0.1	9	9	9	0.2	10
8+10	TO	10+25		339	0.2	0.2	0.2	18	18	18	0.4	20
10+25	TO	12+44		253	0.2	0.2	0.2	18	18	18	0.4	20
12+44	TO	28+46		1602	0.9	0.9	0.9	81	81	81	1.8	90
28+46	TO	36+71		825	0.5	0.5	0.5	45	45	45	1.0	50
36+71	TO	39+16		245	0.2	0.2	0.2	18	18	18	0.4	20
39+16	TO	39+90		74	0.1	0.1	0.1	9	9	9	0.2	10
39+90	TO	42+26		236	0.2	0.2	0.2	18	18	18	0.4	20
42+26	TO	42+97		71	0.1	0.1	0.1	9	9	9	0.2	10
42+97	TO	46+23		326	0.3	0.3	0.3	27	27	27	0.6	30
46+23	TO	48+10		187	0.1	0.1	0.1	9	9	9	0.2	10
48+10	TO	50+65		255	0.2	0.2	0.2	18	18	18	0.4	20
50+65	TO	57+39		674	0.6	0.6	0.6	54	54	54	1.2	60
57+39	TO	59+72		233	0.2	0.2	0.2	18	18	18	0.4	20
59+72	TO	60+69		97	0.1	0.1	0.1	9	9	9	0.2	10
60+69	TO	62+87		218	0.2	0.2	0.2	18	18	18	0.4	20
62+87	TO	78+00		1513	1.4	1.4	1.4	126	126	126	2.8	140
78+00	TO	79+00		100	0.1	0.1	0.1	9	9	9	0.2	10
79+00	TO	81+25	225		0.2	0.2	0.2	18	18	18	0.4	20
81+25	TO	83+50		225	0.2	0.2	0.2	18	18	18	0.4	20
83+50	TO	84+50	100		0.2	0.2	0.2	18	18	18	0.4	20
FAIRGROUND ENTRANCE												
0+00	TO	9+25	925		0.1	0.1	0.1	9	9	9	0.2	10
		SUBTOTAL =	1,744	8,077	6.9	6.9	6.9	621	621	621	13.8	690

MODEL: Schedule-5 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-ShtE-Schedules.dgn

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PLOT DATE = 9/30/2025	DATE -	REVISED -	

SEEDING AND EROSION CONTROL SCHEDULE

SCALE: SHEET 6 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1.1-1(RS-5)	PERRY	201	27

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION			PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET	SEEDING, CLASS 1	SEEDING, CLASS 7	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	TEMPORARY EROSION CONTROL SEEDING
RT			FOOT	SQ YD	ACRE	ACRE	ACRE	POUND	POUND	POUND	TON	POUND
-2+77	TO	0+00	212	98	0.2	0.2	0.2	18	18	18	0.4	20
0+00	TO	3+13	313		0.2	0.2	0.2	18	18	18	0.4	20
3+13	TO	6+74		361	0.2	0.2	0.2	18	18	18	0.4	20
6+74	TO	10+57		383	0.3	0.3	0.3	27	27	27	0.6	30
10+57	TO	13+00		243	0.2	0.2	0.2	18	18	18	0.4	20
13+00	TO	17+76		476	0.3	0.3	0.3	27	27	27	0.6	30
17+76	TO	19+80		204	0.1	0.1	0.1	9	9	9	0.2	10
19+80	TO	22+53		273	0.2	0.2	0.2	18	18	18	0.4	20
22+53	TO	25+64		311	0.2	0.2	0.2	18	18	18	0.4	20
25+64	TO	28+16		252	0.2	0.2	0.2	18	18	18	0.4	20
28+16	TO	28+46		30	0.1	0.1	0.1	9	9	9	0.2	10
28+46	TO	30+27		181	0.1	0.1	0.1	9	9	9	0.2	10
30+27	TO	31+57		130	0.1	0.1	0.1	9	9	9	0.2	10
31+57	TO	32+08		51	0.1	0.1	0.1	9	9	9	0.2	10
32+08	TO	34+06		198	0.2	0.2	0.2	18	18	18	0.4	20
34+06	TO	35+16		110	0.1	0.1	0.1	9	9	9	0.2	10
35+16	TO	36+63		147	0.1	0.1	0.1	9	9	9	0.2	10
36+63	TO	38+07		144	0.1	0.1	0.1	9	9	9	0.2	10
38+07	TO	39+90		183	0.1	0.1	0.1	9	9	9	0.2	10
39+90	TO	43+65		375	0.4	0.4	0.4	36	36	36	0.8	40
43+65	TO	48+19		454	0.3	0.3	0.3	27	27	27	0.6	30
48+19	TO	50+65		246	0.2	0.2	0.2	18	18	18	0.4	20
50+65	TO	53+18		253	0.3	0.3	0.3	27	27	27	0.6	30
53+18	TO	56+72		354	0.3	0.3	0.3	27	27	27	0.6	30
56+72	TO	58+88		216	0.2	0.2	0.2	18	18	18	0.4	20
58+88	TO	59+72		84	0.1	0.1	0.1	9	9	9	0.2	10
59+72	TO	61+13		141	0.2	0.2	0.2	18	18	18	0.4	20
61+13	TO	62+55		142	0.1	0.1	0.1	9	9	9	0.2	10
62+55	TO	74+61		1206	1.0	1.0	1.0	90	90	90	2.0	100
74+61	TO	76+37		176	0.3	0.3	0.3	27	27	27	0.6	30
76+37	TO	79+00		263	0.4	0.4	0.4	36	36	36	0.8	40
79+00	TO	79+75		75	0.1	0.1	0.1	9	9	9	0.2	10
79+75	TO	80+35	60		0.1	0.1	0.1	9	9	9	0.2	10
80+35	TO	83+65		330	0.2	0.2	0.2	18	18	18	0.4	20
83+65	TO	84+50	85		0.2	0.2	0.2	18	18	18	0.4	20
FAIRGROUND ENTRANCE												
0+00	TO	9+25	925		0.1	0.1	0.1	9	9	9	0.2	10
SUBTOTAL =			1,595	8,090	7.6	7.6	7.6	684	684	684	15.2	760
TOTALS			3,339	16,167	14.5	14.5	14.5	1,305	1,305	1,305	29.0	1,450

EXACT LOCATIONS FOR THE EROSION CONTROL BARRIER SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

TEMPORARY DITCH CHECK SCHEDULE

STATION		TEMPORARY DITCH CHECK
IL 14		FOOT
-1+30	RT	9
5+00	RT	9
8+25	RT	9
11+50	RT	9
15+30	RT	9
18+50	RT	9
21+00	RT	9
24+00	RT	9
27+00	RT	9
29+50	RT	9
31+10	RT	9
32+55	RT	9
34+40	RT	9
35+90	RT	9
36+05	RT	9
37+30	RT	9
39+00	RT	9
40+00	RT	9
40+25	RT	9
40+50	RT	9
40+75	RT	9
41+00	RT	9
41+50	RT	9
42+00	RT	9
42+50	RT	9
43+00	RT	9
44+50	RT	9
45+00	RT	9
46+50	RT	9
49+00	RT	9
49+50	RT	9
52+15	RT	9
55+00	RT	9
57+85	RT	9
60+40	RT	9
61+70	RT	9
65+00	RT	9
69+00	RT	9
73+00	RT	9
78+50	RT	9
SUBTOTAL (RT)		360

STATION		TEMPORARY DITCH CHECK
IL 14		FOOT
-1+30	LT	9
2+15	LT	9
5+00	LT	9
9+00	LT	9
11+10	LT	9
16+38	LT	9
19+39	LT	9
22+46	LT	9
27+00	LT	9
30+50	LT	9
33+00	LT	9
35+35	LT	9
37+85	LT	9
39+70	LT	9
40+50	LT	9
41+00	LT	9
41+50	LT	9
43+75	LT	9
44+50	LT	9
45+50	LT	9
47+05	LT	9
49+40	LT	9
53+00	LT	9
55+50	LT	9
58+50	LT	9
61+70	LT	9
66+75	LT	9
70+50	LT	9
74+25	LT	9
78+50	LT	9
SUBTOTAL (LT)		270
TOTAL		630

MODEL: Schedule-7 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-SheE-Schedules.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
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	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

TEMPORARY DITCH CHECK SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1.1-1(RS-5)	PERRY	201	29
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

PATCHING SCHEDULE

LOCATION	LENGTH	WIDTH	AREA	CLASS C, TY I, 12"	CLASS C, TY II, 12"	CLASS C, TY III, 12"	CLASS C, TY IV, 12"	TIE BARS, 3/4"
STATION	FOOT	FOOT	SQ YD	SQYD	SQYD	SQYD	SQYD	EACH
EAST BOUND LANE IL 14								
3+57	12	17	22.7	0.00	0.00	22.67	0.00	0
5+98	12	6	8.0	0.00	8.00	0.00	0.00	0
16+04	8	6	5.3	0.00	5.33	0.00	0.00	0
14+97	8	6	5.3	0.00	5.33	0.00	0.00	0
			TOTAL EB	0.00	18.67	22.67	0.00	0

PATCHING SCHEDULE

LOCATION	LENGTH	WIDTH	AREA	CLASS C, TY I, 12"	CLASS C, TY II, 12"	CLASS C, TY III, 12"	CLASS C, TY IV, 1"	TIE BARS, 3/4"
STATION	FOOT	FOOT	SQ YD	SQYD	SQYD	SQYD	SQYD	EACH
WEST BOUND LANE IL 14								
82+45	20	3	6.7	0.00	6.67	0.00	0.00	9
77+52	10	4	4.4	4.44	0.00	0.00	0.00	
73+79	25	6	16.7	0.00	0.00	16.67	0.00	11
57+63	40	5	22.2	0.00	0.00	22.22	0.00	16
51+72	135	7	105.0	0.00	0.00	0.00	105.00	47
3+57	12	17	22.7	0.00	0.00	22.67	0.00	
			TOTAL WB	4.44	6.67	61.56	105.00	83
			TOTAL =	4.44	25.33	84.22	105.00	83

ENTRANCE SCHEDULE

LOCATION			EXIST SURFACE TYPE	PROP SURFACE TYPE	PROP AREA	PROP RADIUS	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (PRIME COAT)	AGG SURFACE COURSE, TYPE A	AGG BASE COURSE, TYPE A	PCC DRIVEWAY PAVEMENT 6 INCH	DRIVEWAY PAVEMENT REMOVAL
SIDE	ENTRANCE TYPE	STATION			SQ FT	FOOT	TON	POUND	TON	TON	SQ YD	SQ YD
LT	PRIVATE ENTRANCE	0+23	PCC	PCC	1553	30	0	0	0	0	173	0
RT	FIELD ENTRANCE	0+28	EARTH	AGG	756	20	0	0	29	0	0	0
LT	PRIVATE ENTRANCE	1+49	AGG	AGG	926	20	0	0	36	0	0	0
LT	PRIVATE ENTRANCE	2+90	AGG	AGG	485	20	0	0	19	0	0	0
LT	PRIVATE ENTRANCE	3+17	AGG	AGG	565	15	0	0	22	0	0	0
RT	PRIVATE ENTRANCE	3+38	AGG	AGG	584	15W 20E	0	0	23	0	0	0
LT	PRIVATE ENTRANCE	6+09	HMA	HMA	672	20	9	19	0	18	0	0
RT	PRIVATE ENTRANCE	6+74	AGG	AGG	486	20W 15E	0	0	19	0	0	0
LT	PRIVATE ENTRANCE	8+10	AGG	AGG	674	20	0	0	26	0	0	0
LT	PRIVATE ENTRANCE	10+25	AGG	AGG	590	15	0	0	23	0	0	0
RT	PRIVATE ENTRANCE	10+57	AGG	AGG	465	15	0	0	18	0	0	0
LT	COMMERCIAL ENTRANCE (FAIRGROUNDS)	12+44	SEE FAIRGROUND HMA SCHEDULE									
RT	PRIVATE ENTRANCE	13+00	AGG	AGG	605	20	0	0	23	0	0	0
RT	PRIVATE ENTRANCE	17+76	AGG	AGG	553	20W 15E	0	0	21	0	0	0
RT	PRIVATE ENTRANCE	19+80	PCC	PCC	688	15	0	0	0	0	76	0
RT	FIELD ENTRANCE	22+53	AGG	AGG	450	15	0	0	18	0	0	0
RT	FIELD ENTRANCE	25+64	AGG	AGG	810	15	0	0	31	0	0	0
RT	PRIVATE ENTRANCE	28+46	AGG	AGG	601	15	0	0	23	0	0	0
RT	PRIVATE ENTRANCE	30+27	AGG	AGG	669	25W 15E	0	0	26	0	0	0
RT	PRIVATE ENTRANCE	31+57	AGG	AGG	874	30	0	0	34	0	0	0
RT	PRIVATE ENTRANCE	32+08	AGG	AGG	505	15	0	0	20	0	0	0
RT	PRIVATE ENTRANCE	34+06	AGG	AGG	657	15	0	0	25	0	0	0
LT	FIELD ENTRANCE	34+23	AGG	AGG	661	15	0	0	26	0	0	0
RT	PRIVATE ENTRANCE	35+16	HMA	HMA	432	15	6	12	0	11	0	0
RT	PRIVATE ENTRANCE	38+07	AGG	AGG	542	15	0	0	21	0	0	0
LT	PRIVATE ENTRANCE	39+16	AGG	AGG	576	15	0	0	22	0	0	0
LT	PRIVATE ENTRANCE	42+26	AGG	AGG	502	15	0	0	20	0	0	0
LT	PRIVATE ENTRANCE	43+00	AGG	AGG	532	15	0	0	21	0	0	0
RT	FIELD ENTRANCE	43+65	AGG	AGG	615	15	0	0	24	0	0	0
LT	PRIVATE ENTRANCE	46+23	AGG	AGG	495	15	0	0	19	0	0	0
LT	PRIVATE ENTRANCE	48+10	AGG	AGG	558	15	0	0	22	0	0	0
RT	PRIVATE ENTRANCE	48+19	HMA	HMA	435	15	6	13	0	12	0	0
LT	PRIVATE ENTRANCE	50+65	AGG	AGG	736	20	0	0	28	0	0	0
RT	PRIVATE ENTRANCE	50+69	AGG	AGG	835	20	0	0	32	0	0	0
RT	FIELD ENTRANCE	51+52	EARTH	AGG	660	15	0	0	26	0	0	0
RT	FIELD ENTRANCE	53+18	AGG	AGG	777	20	0	0	30	0	0	0
RT	PRIVATE ENTRANCE	56+72	AGG	AGG	541	15	0	0	21	0	0	0
LT	COMMERCIAL ENTRANCE (HUMANE SOC)	56+76	AGG	AGG	580	20	0	0	23	0	0	0
LT	COMMERCIAL ENTRANCE (HUMANE SOC)	57+39	AGG	AGG	565	15	0	0	22	0	0	0
RT	PRIVATE ENTRANCE	58+88	AGG	AGG	532	15	0	0	21	0	0	0
LT	PRIVATE ENTRANCE	59+72	AGG	AGG	509	15	0	0	20	0	0	0
RT	PRIVATE ENTRANCE	59+77	AGG	AGG	510	15	0	0	20	0	0	0
LT	PRIVATE ENTRANCE	60+69	AGG	AGG	515	15	0	0	20	0	0	0
RT	PRIVATE ENTRANCE	61+13	AGG	AGG	595	15	0	0	23	0	0	0
RT	PRIVATE ENTRANCE	62+55	AGG	AGG	700	20	0	0	27	0	0	0
LT	PRIVATE ENTRANCE	62+87	AGG	AGG	926	20W 15E	0	0	36	0	0	0
RT	PRIVATE ENTRANCE	74+61	AGG	AGG	560	20W 15E	0	0	22	0	0	0
	SWEET GUM NORTH											
RT	PRIVATE ENTRANCE	0+86	HMA	HMA	1231	*SEE DRIVEWAY DETAIL	16	35	0	32	0	151
							37	79	982	73	249	151

MODEL: Schedule-9 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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	CHECKED -	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE SCHEDULE

SCALE: | SHEET 10 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	31
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

SIDE ROAD SCHEDULE

LOCATION			EXIST SURFACE TYPE	PROP SURFACE TYPE	PROP AREA	PROP RADIUS	LENGTH (FROM ~)	INCIDENTAL HMA SURFACING	AGG BASE COURSE, TYPE A	BITUMINOUS MATERIALS (PRIME COAT)
SIDE	ENTRANCE TYPE	STATION			SQ FT	FOOT	FOOT	TON	TON	POUND
RT	SWEETGUM RD	36+63	O&C	HMA	2890	35' W; 25' E	117	54	147	81
LT	SWEETGUM RD	36+72	O&C	HMA	2756	25' W; 35' E	105	51	140	77
RT	GRANNY'S CREEK RD	76+37	O&C	HMA	2605	45' W; 25' E	84	49	132	73
							TOTAL	154	419	231

MODEL: Schedule-10 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
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	CHECKED -	REVISED -	
PLOT DATE = 9/29/2025	DATE -	REVISED -	

SIDEROAD SCHEDULE

SCALE: | SHEET 11 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	32
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

TREE REMOVAL SCHEDULE

STATION	OFFSET		UNIT DIAMETER	TREE REMOVAL (6 TO 15 UNITS)	TREE REMOVAL (OVER 15 UNITS)	REMARKS
	FEET		INCHES	UNIT	UNIT	
13+60	48	LT	17		17	
28+72	49	RT	27		27	
28+89	49	RT	35		35	
29+05	49	RT	31		31	
35+40	52	LT	40		40	
37+03	48	RT	43		43	
38+59	46	LT	19		19	
39+30	30	RT	17		17	
42+45	48	LT	24		24	
47+48	51	LT	18		18	
48+31	55	LT	12	12		
58+28	39	RT	28		28	
58+37	39	RT	10	10		
58+44	36	RT	14	14		
59+20	40	RT	23		23	
60+05	39	LT	16		16	
60+52	38	LT	20		20	
62+79	53	RT	12	12		
62+96	53	RT	12	12		
63+08	53	RT	12	12		
63+17	59	LT	32		32	
			TOTAL	72	390	

MODEL: Schedule-11 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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PLOT DATE = 8/14/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL SCHEDULE

SCALE: | SHEET 12 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	33
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

EARTHWORK SCHEDULE

LOCATION			EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE		REMARKS
							EXCAVATION REQUIRED TO COMPLETE	EXCESS EXCAVATION	
STA.	TO	STA.	CU YD	%	CU YD	CU YD	CU YD	CU YD	
3+00		0+00	188	15%	160	54		106	
0+00		36+50	7584	15%	6446	1451		4995	
36+50		81+50	8532	15%	7253	3087		4166	
FAIRGROUNDS ENTRANCE									
0+00		9+25	0			38	38		
TOTALS			16304						

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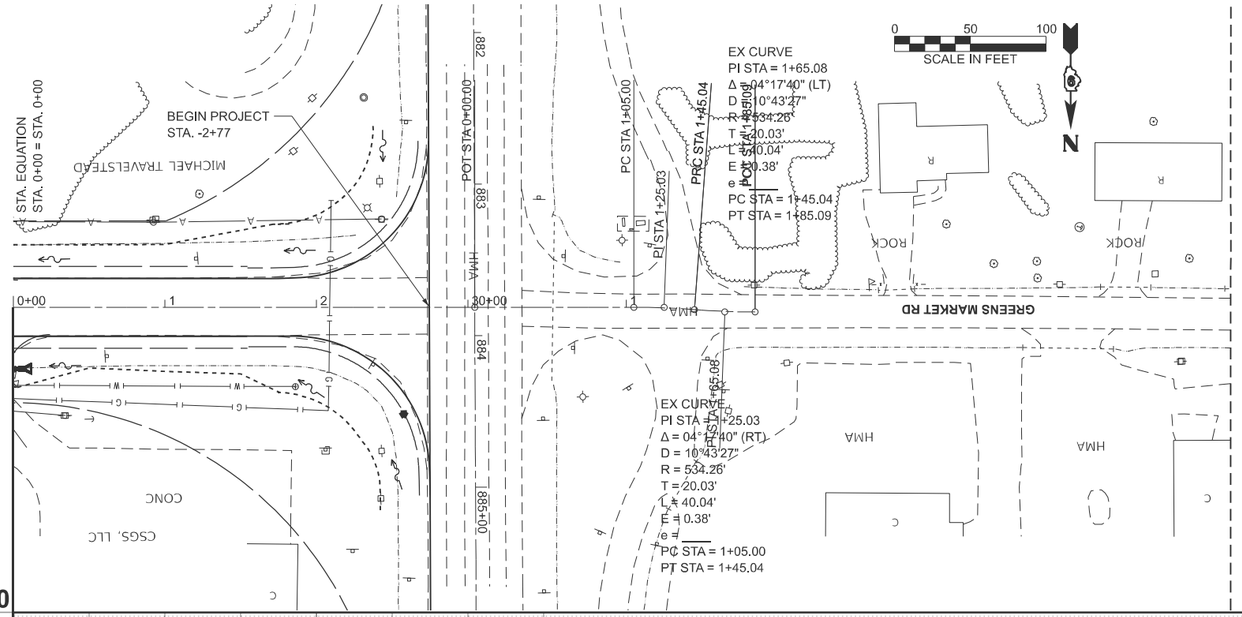
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

EARTHWORK SCHEDULE

SCALE: | SHEET 13 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	34
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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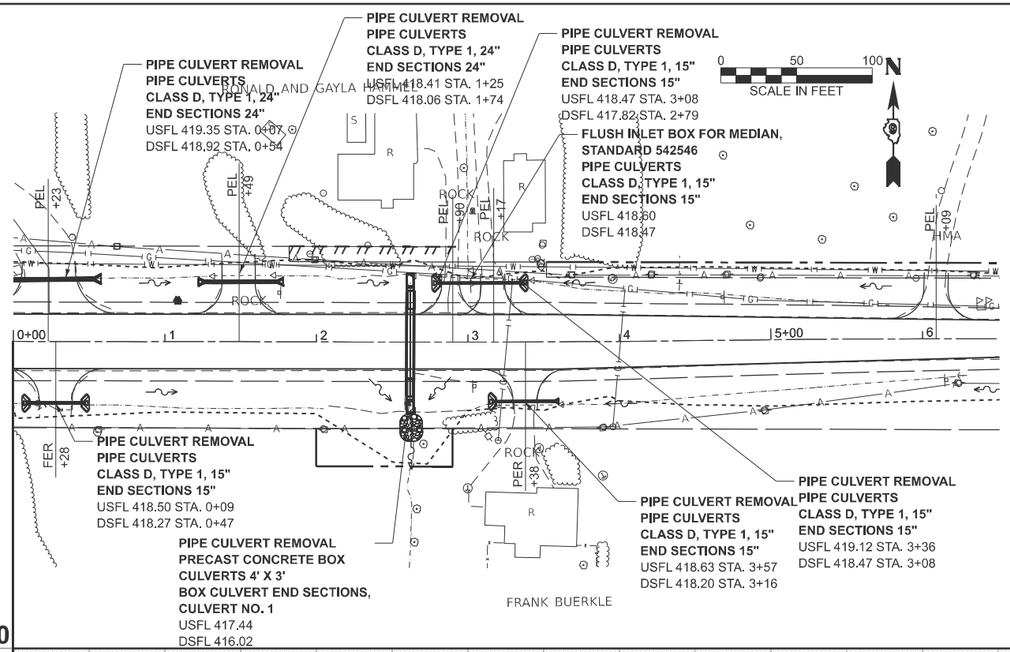
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

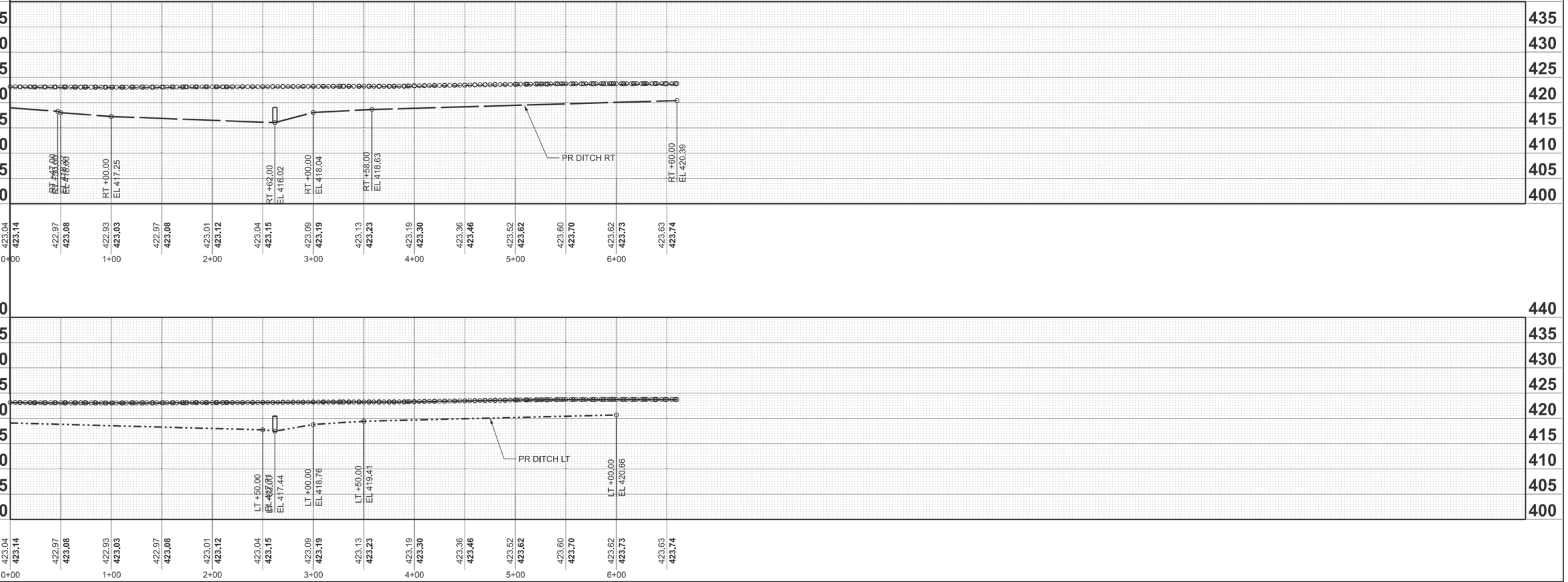
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: 1"=50' | SHEET 1 OF 16 SHEETS | STA. 0+00.00 | TO STA. 15+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	35
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			





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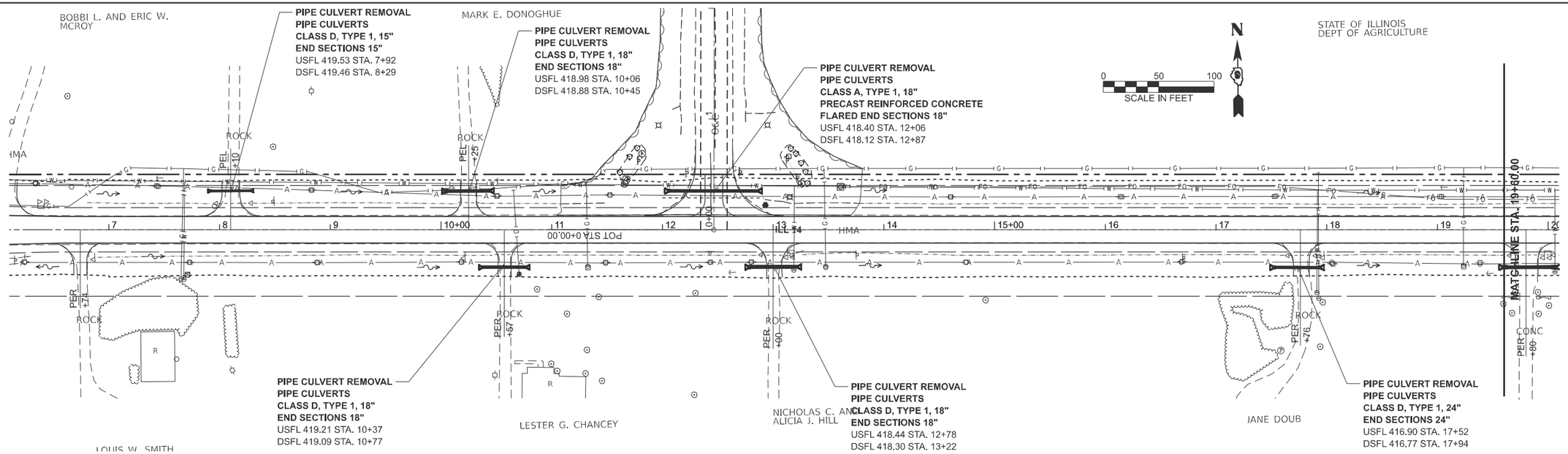
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

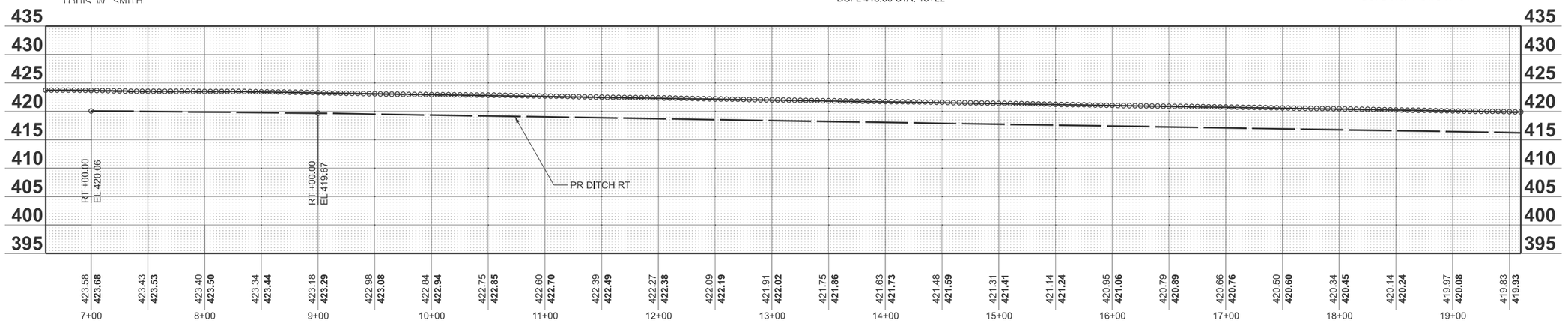
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

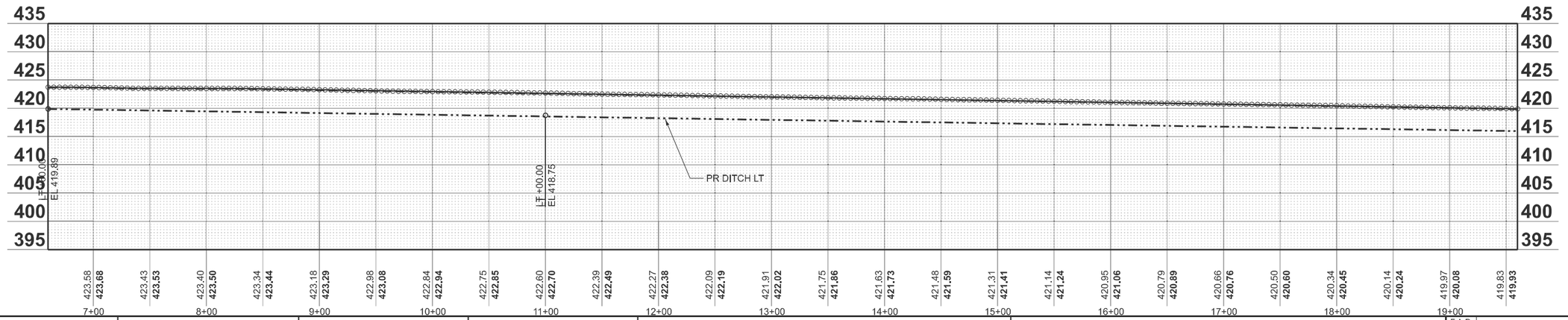
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 2 OF 16 SHEETS | STA. 0+00.00 | TO STA. 15+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	36
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			







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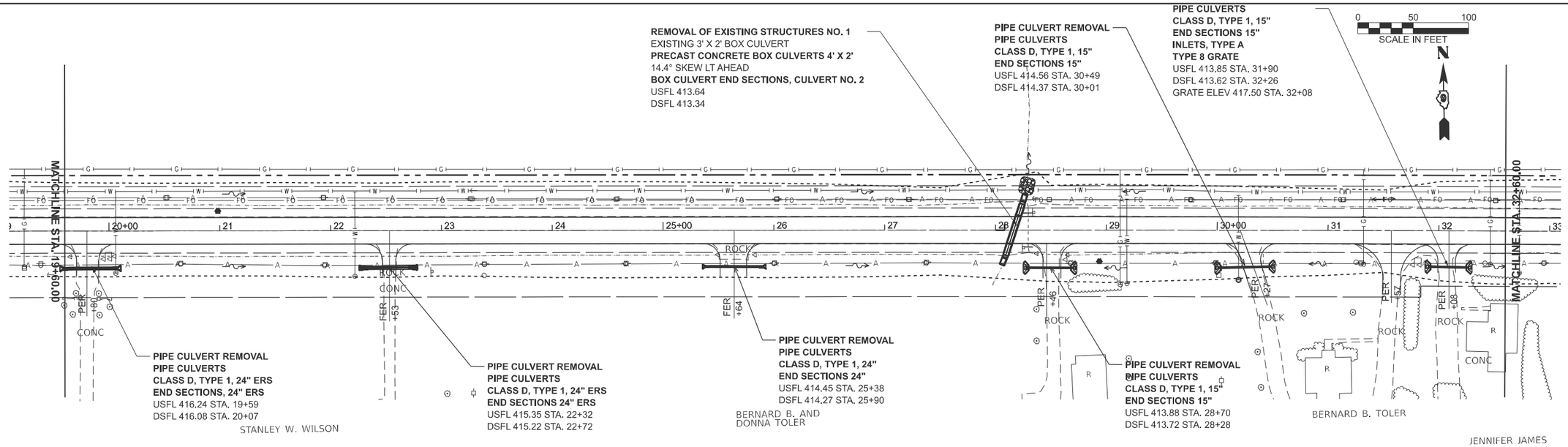
PLOT DATE = 8/14/2025	DATE -	REVISED -

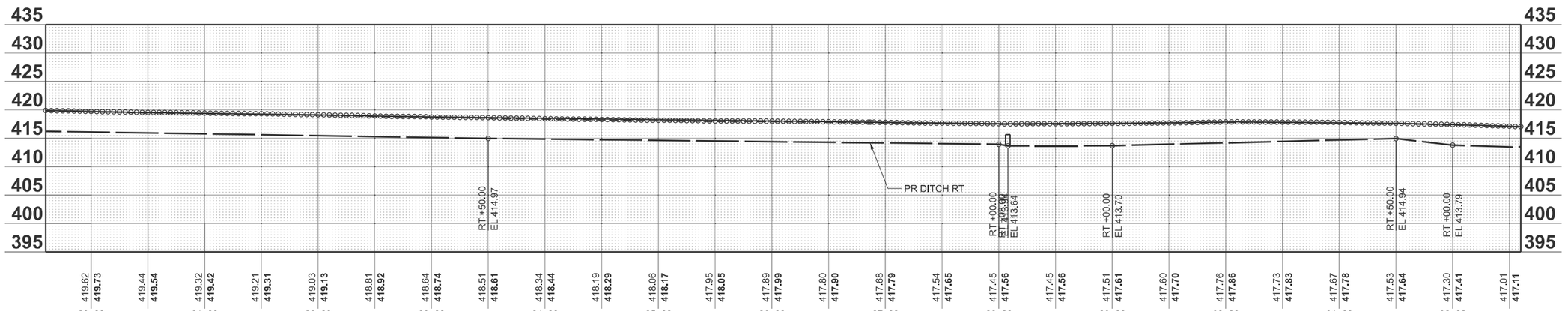
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

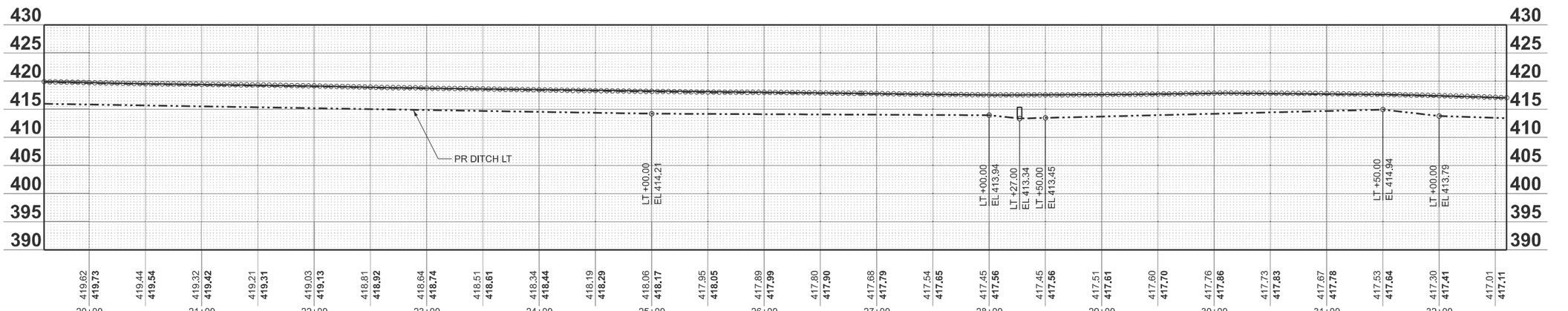
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 3 OF 16 SHEETS | STA. 6+60.00 | TO STA. 19+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	37
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	







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USER NAME = melissa.cole	DESIGNED -	REVISED -
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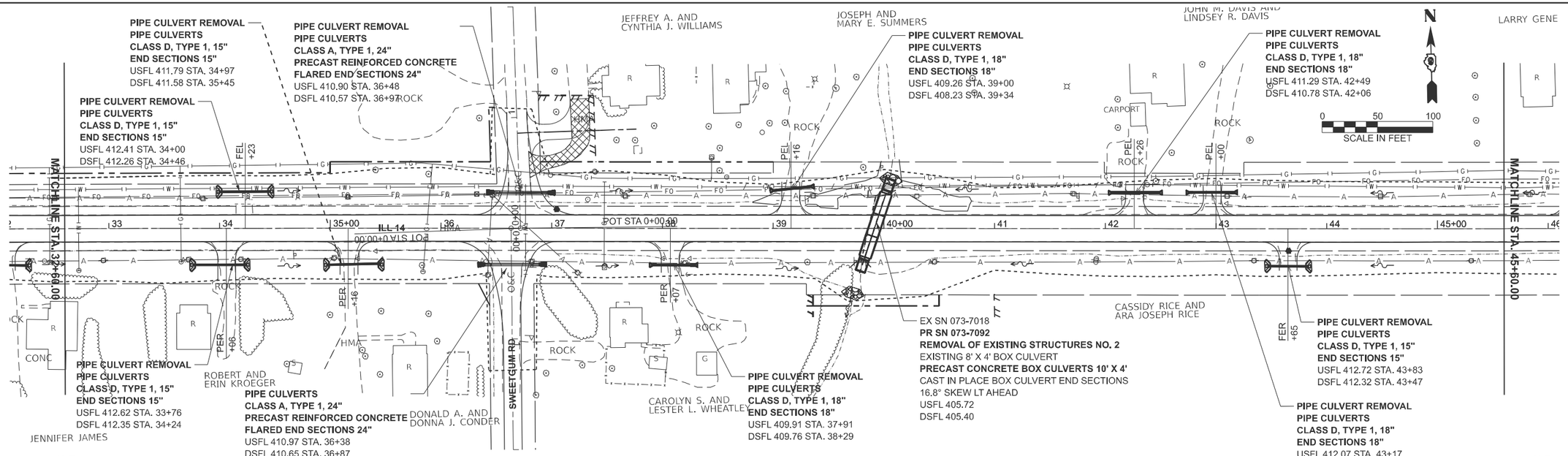
PLOT DATE = 8/14/2025	DATE -	REVISED -

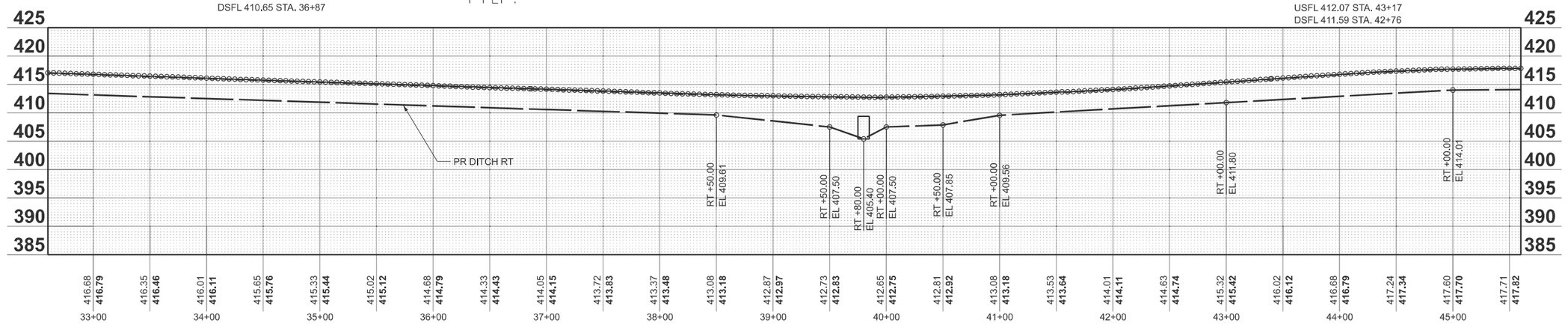
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

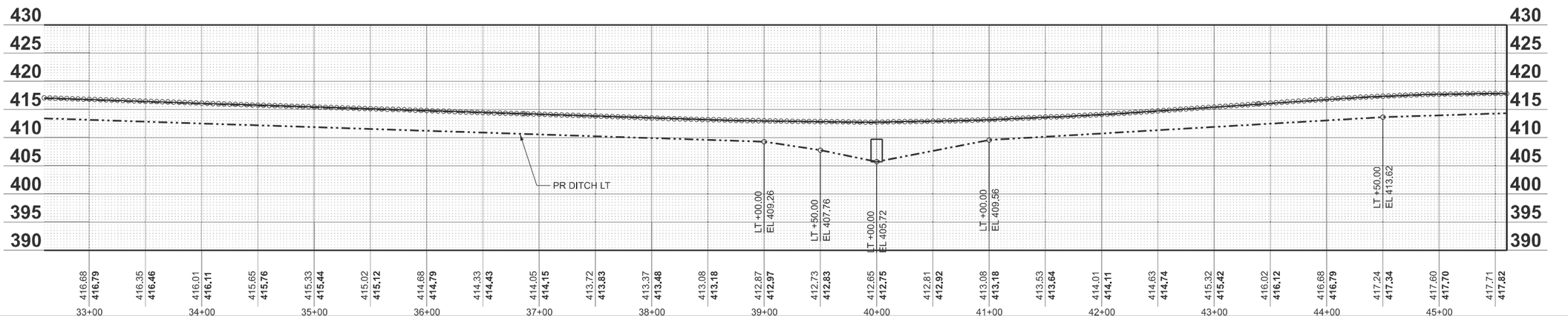
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 4 OF 16 SHEETS | STA. 19+60.00 | TO STA. 32+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	38
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			







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USER NAME = melissa.cole	DESIGNED -	REVISED -
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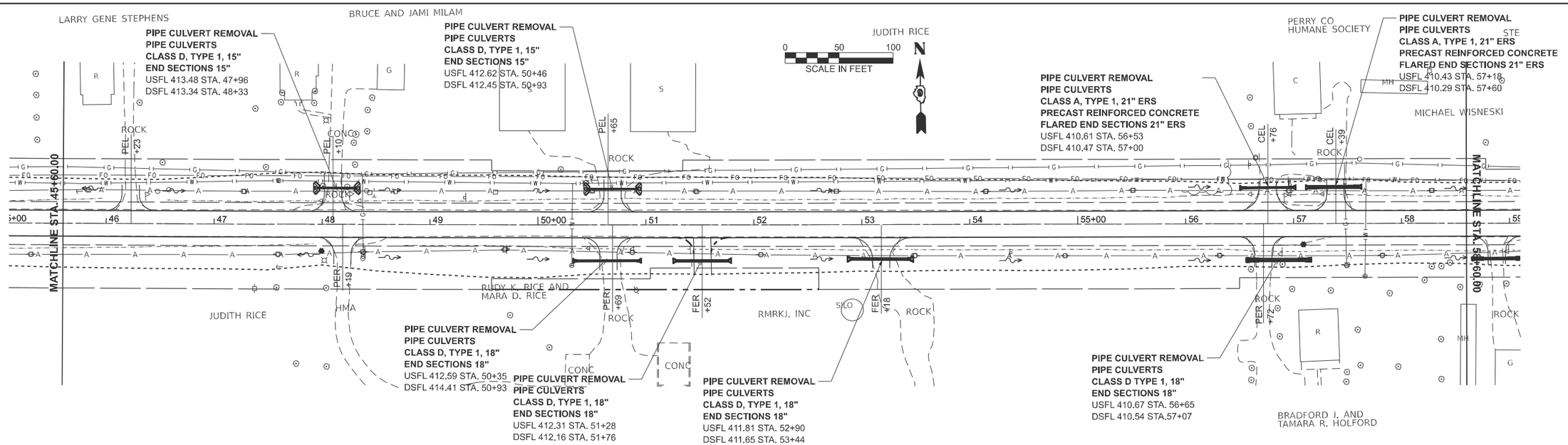
PLOT DATE = 8/14/2025	DATE -	REVISED -

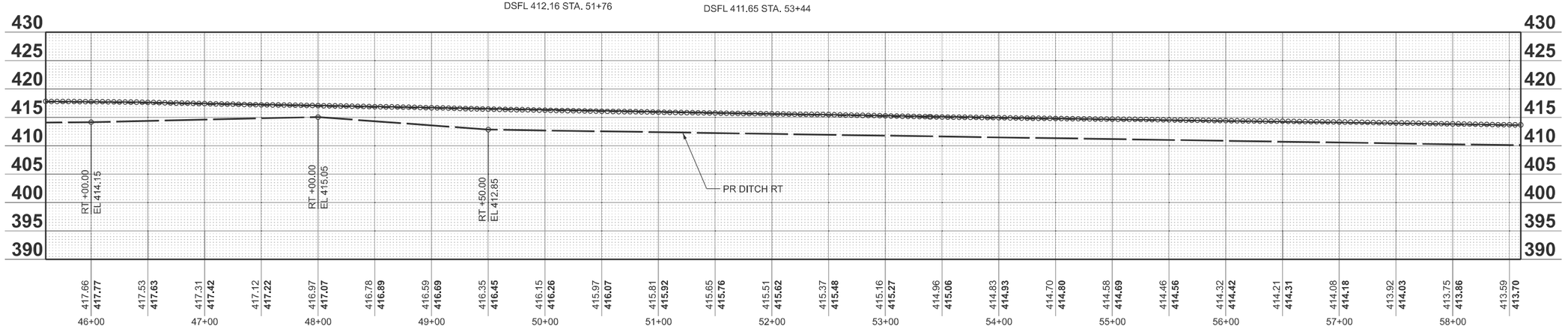
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

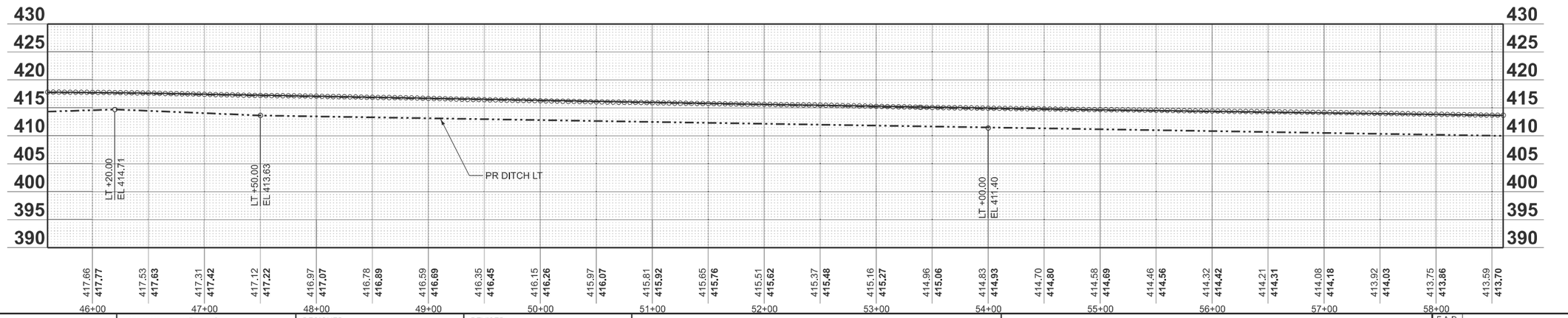
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 5 OF 16 SHEETS | STA. 32+60.00 | TO STA. 45+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	39
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		







USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: 1"=50' | SHEET 6 OF 16 SHEETS | STA. 45+60.00 | TO STA. 58+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	40
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

MODEL: IL14_TL_C-1 - Plan 4 [Sheet]
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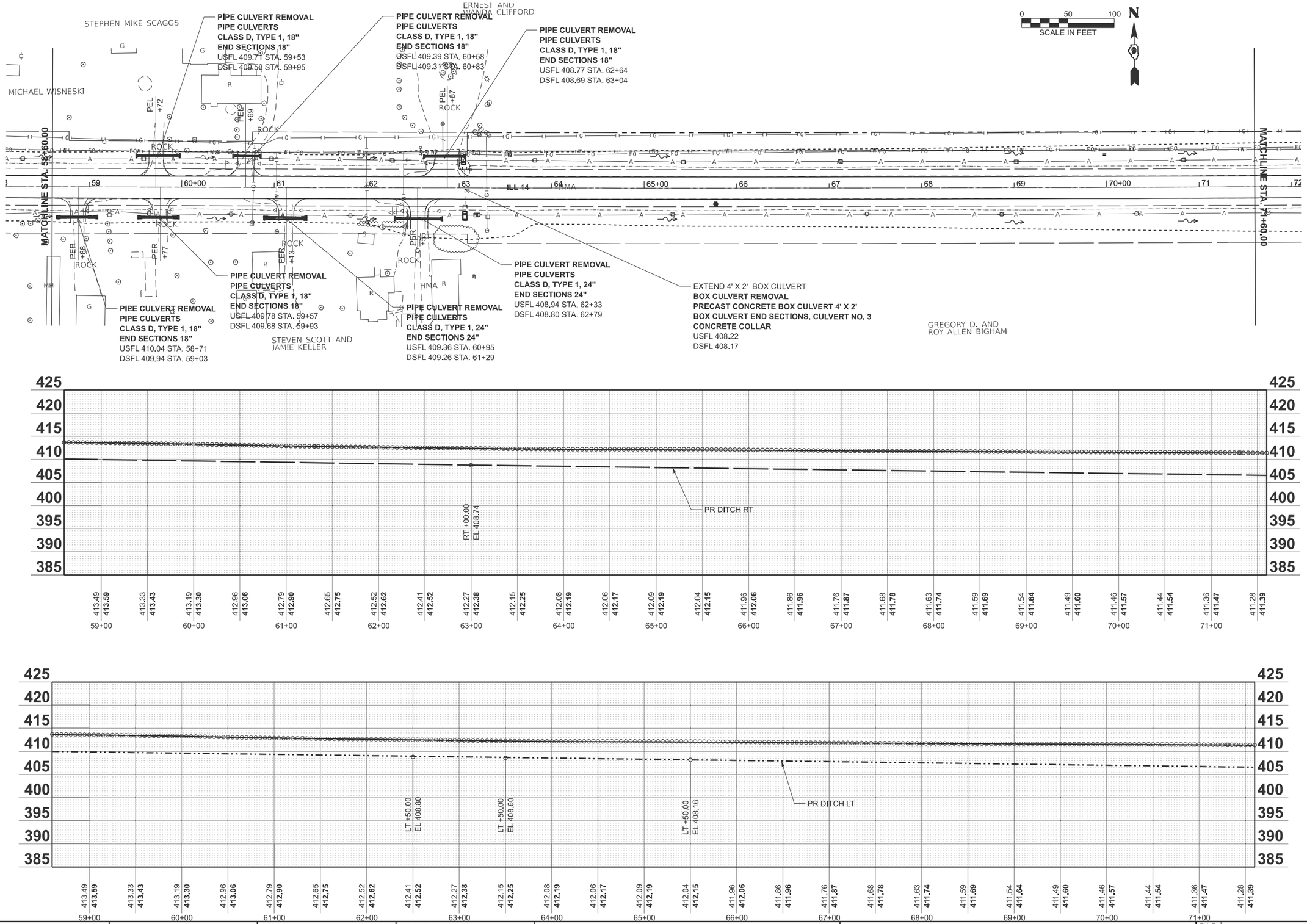

MODEL: IL14_TL_C-1 - Plan 5 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

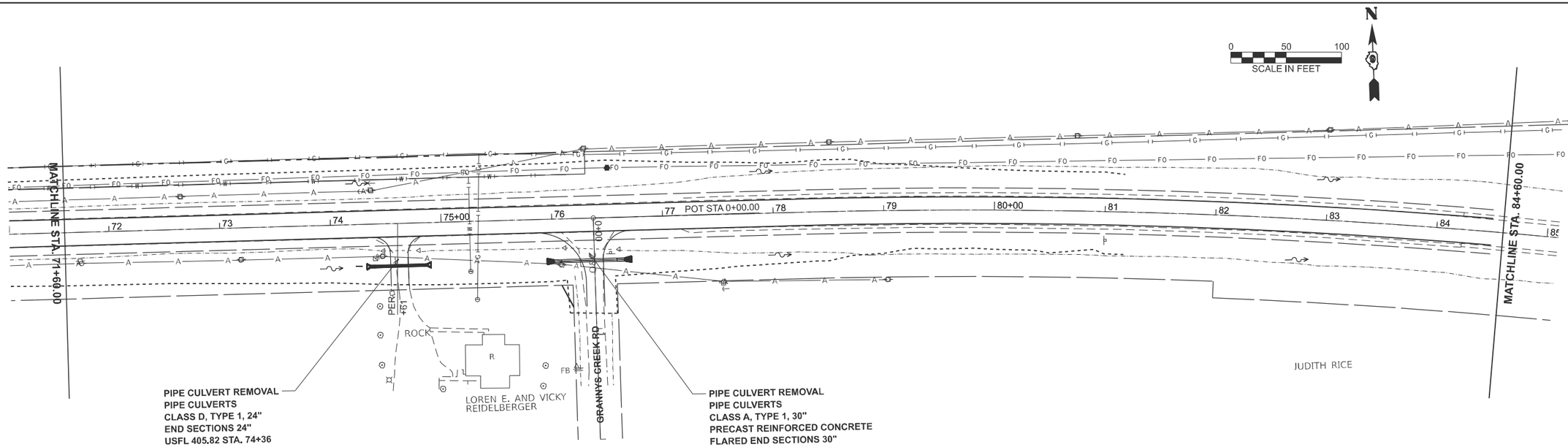
PLAN AND PROFILE

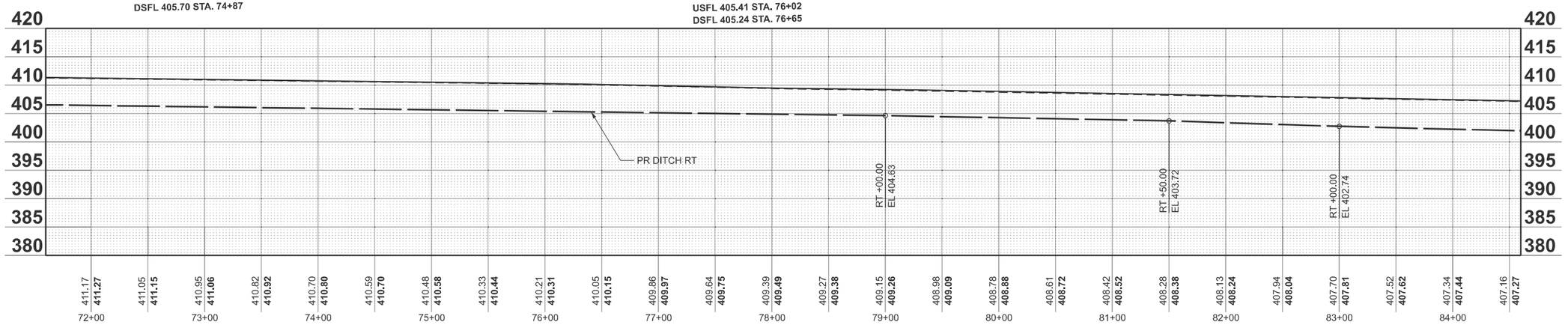
SCALE: 1"=50' | SHEET 7 OF 16 SHEETS | STA. 58+60.00 TO STA. 71+60.00

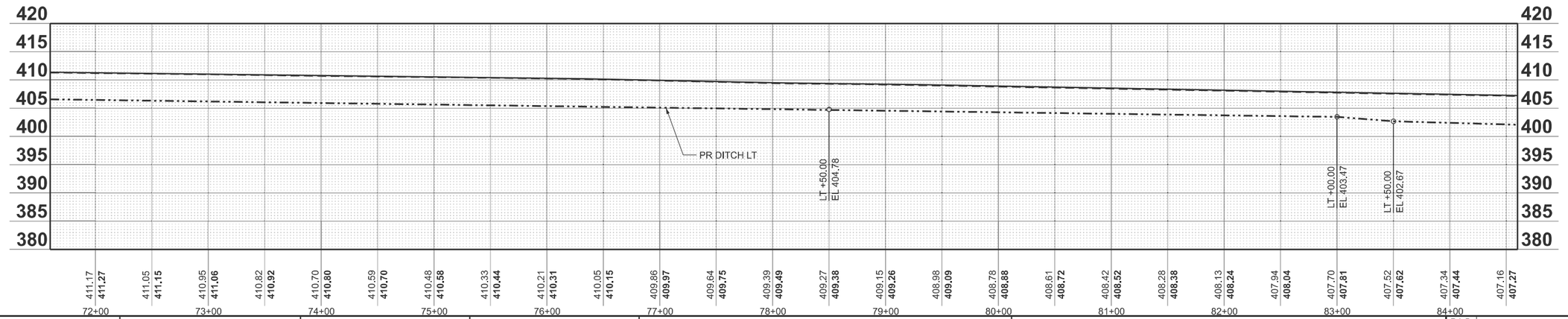
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	41

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT







MODEL: IL14_TL_C-1 - Plan 6 [Sheet]
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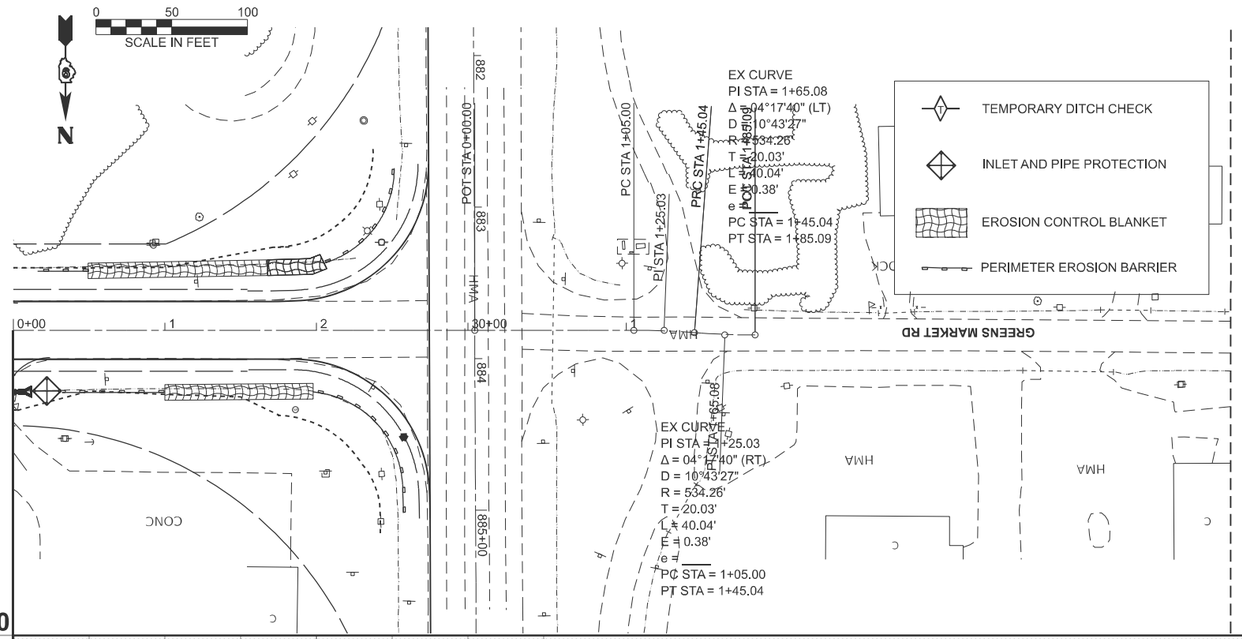
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: 1"=50' | SHEET 8 OF 16 SHEETS | STA. 71+60.00 | TO STA. 84+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	42
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	





MODEL: IL14_CL_1980_A - Plan A [Sheet]
FILE NAME: c:\pw_work\pwidot\cdemmd0819812\D978813-Sht-Erosion.dgn

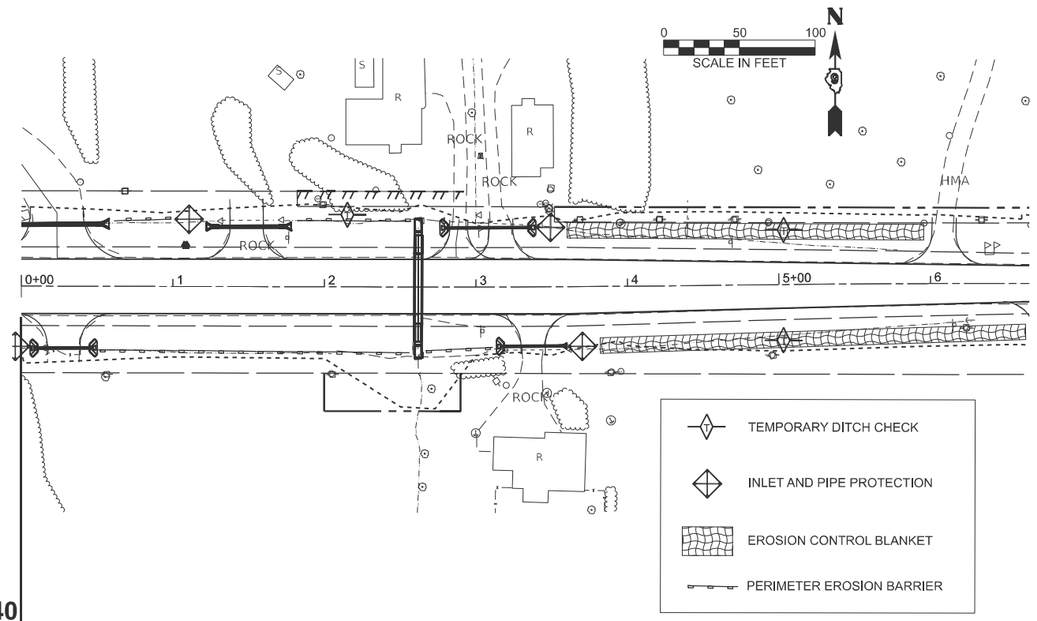
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

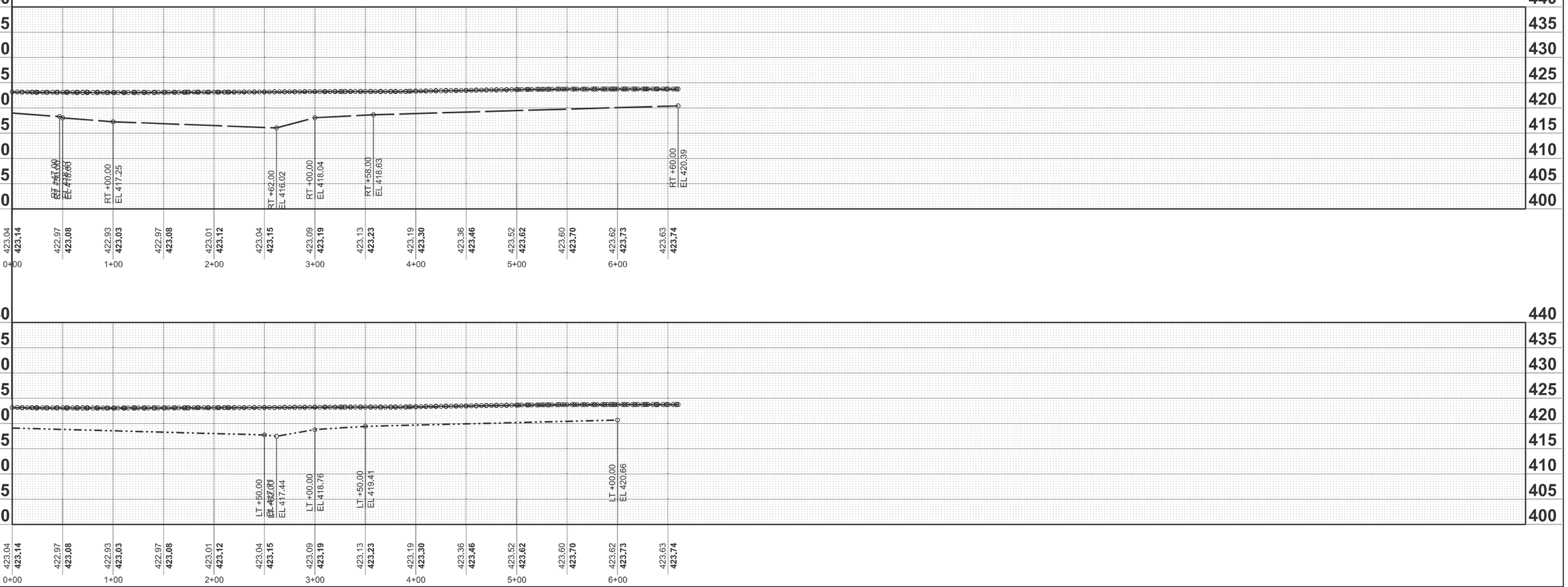
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

SCALE: 1"=50' | SHEET 9 OF 16 SHEETS | STA. 0+00.00 | TO STA. 15+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	43
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			





MODEL: IL14_CL_1980_B-1 - Plan B [Sheet]
FILE NAME: c:\pw_work\pwidot\coleimm\d0819812\D978813-Sht-Eroston.dgn

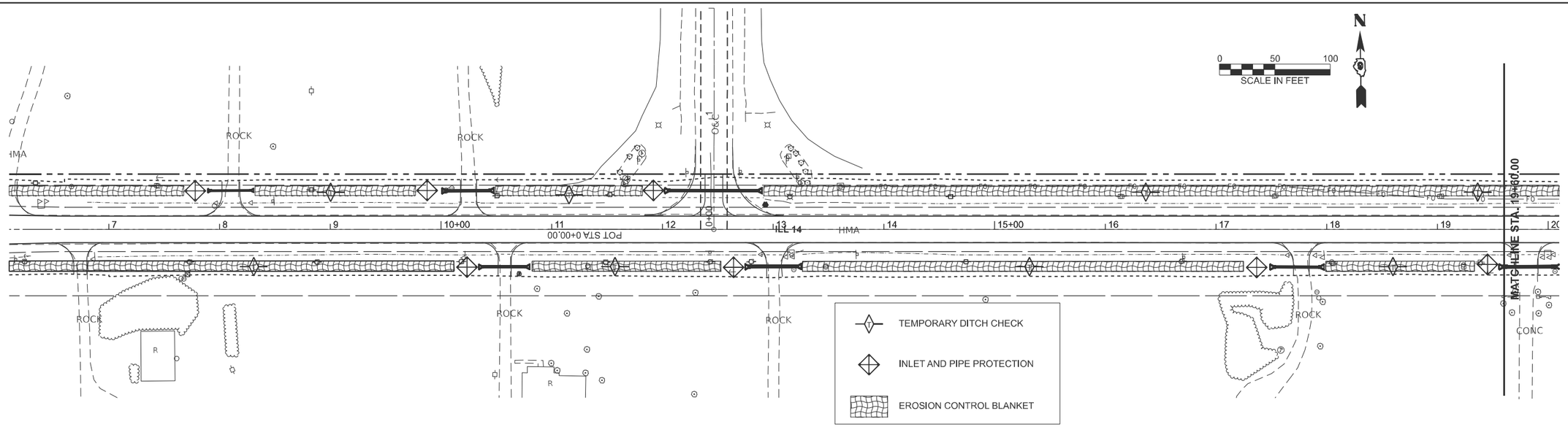
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

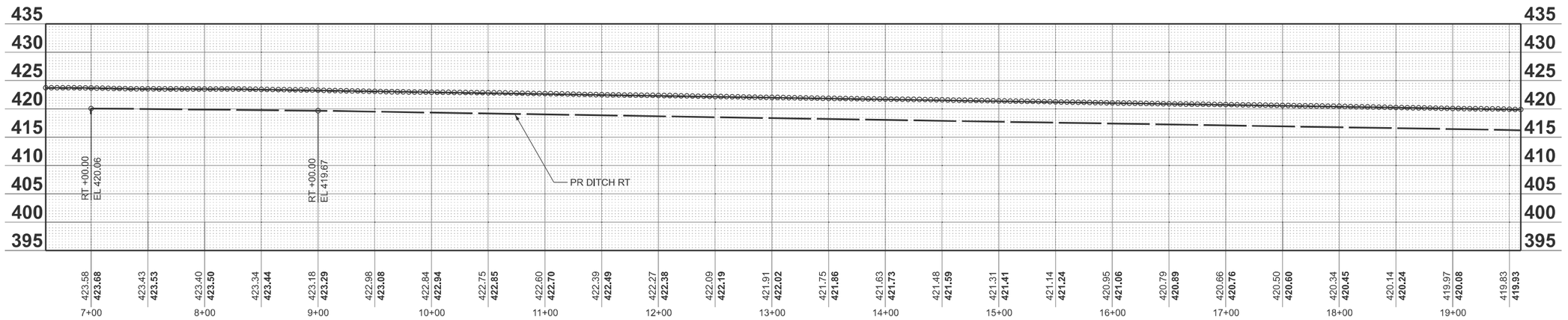
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

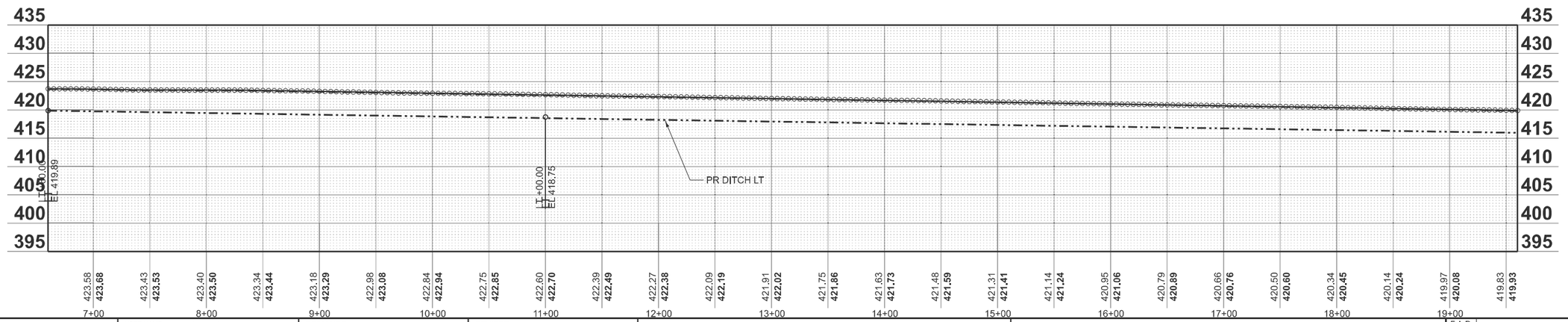
EROSION CONTROL

SCALE: 1"=50' | SHEET 10 OF 16 SHEETS | STA. 0+00.00 | TO STA. 15+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	44
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			







MODEL: IL14_TL_C-1 - Plan 1 [Sheet]
FILE NAME: c:\pw_work\pwidot\coflemmd\d0819812\D978813-Sht-Erosion.dgn

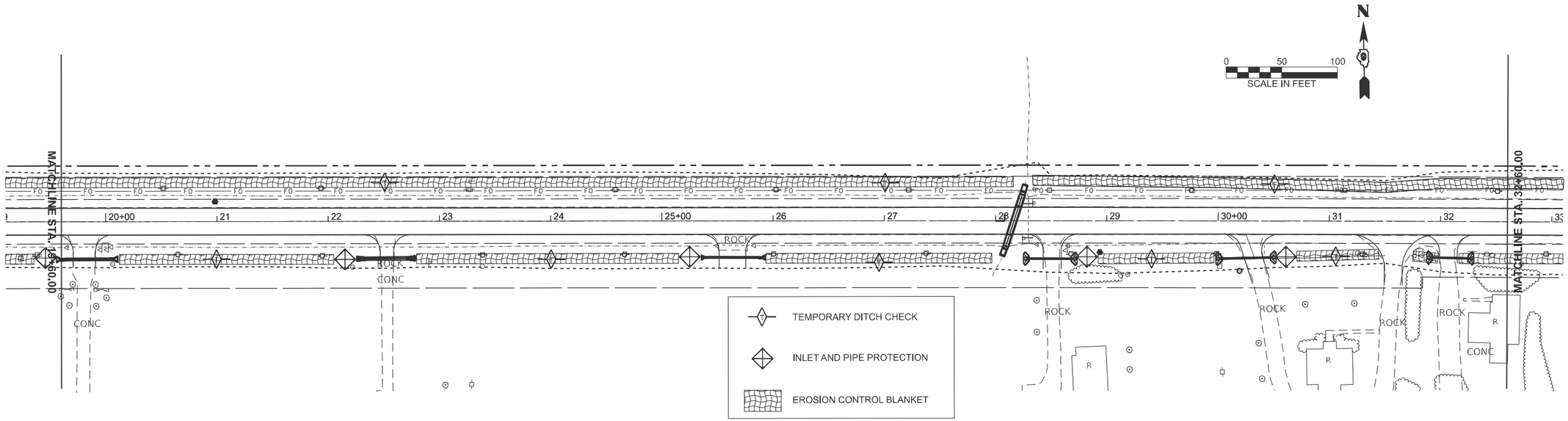
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/6/2025	DATE -	REVISED -

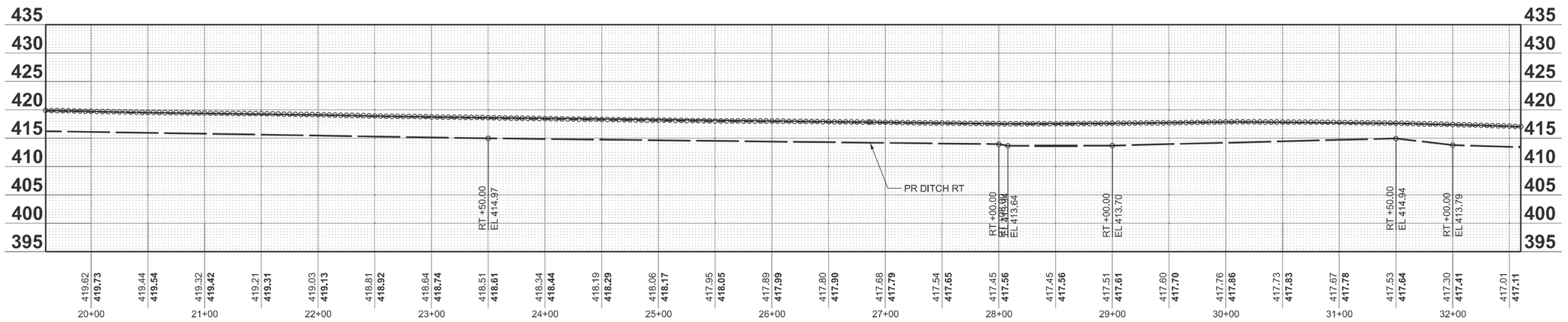
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

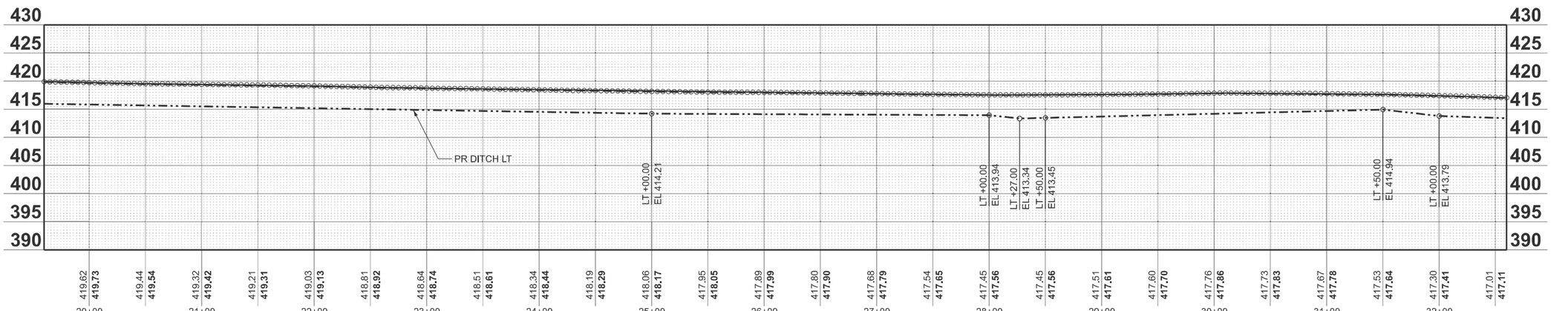
EROSION CONTROL

SCALE: 1"=50' | SHEET 11 OF 16 SHEETS | STA. 6+60.00 | TO STA. 19+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	45
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	







MODEL: IL14_TL_C-1 - Plan 2 [Sheet]
FILE NAME: c:\pw_work\pwdot\cdemm\d0819812\D9780813-Sht-Erosion.dgn

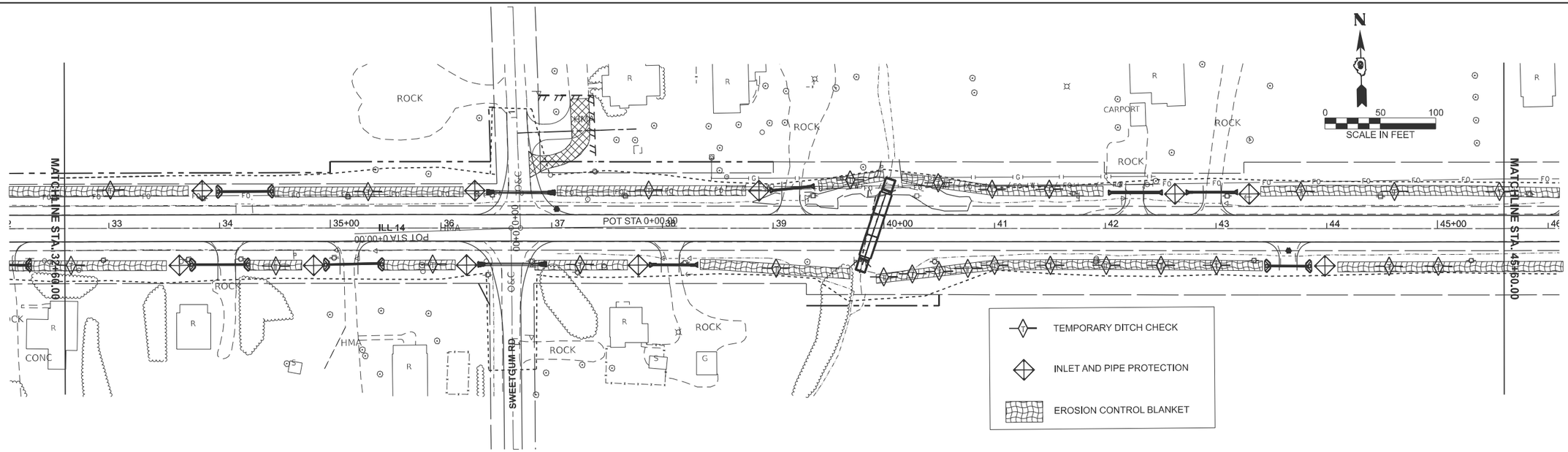
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

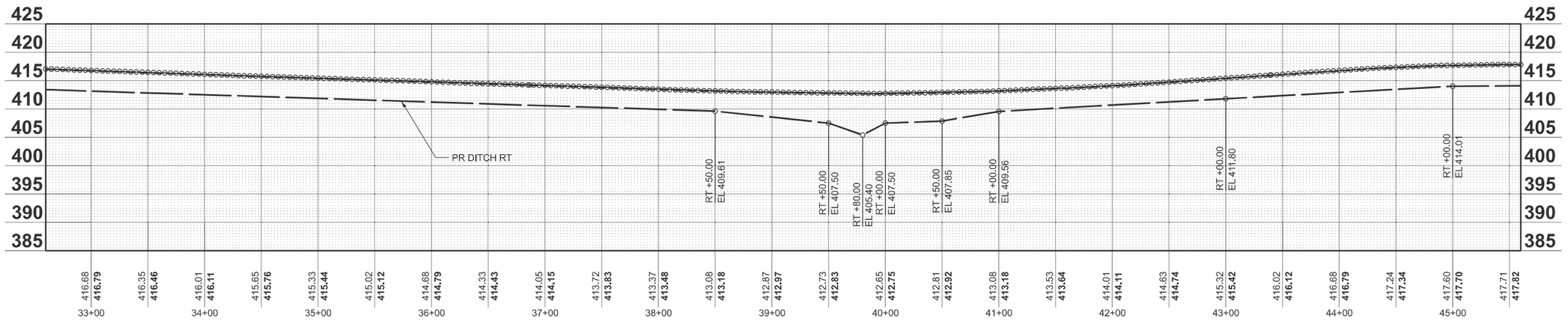
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

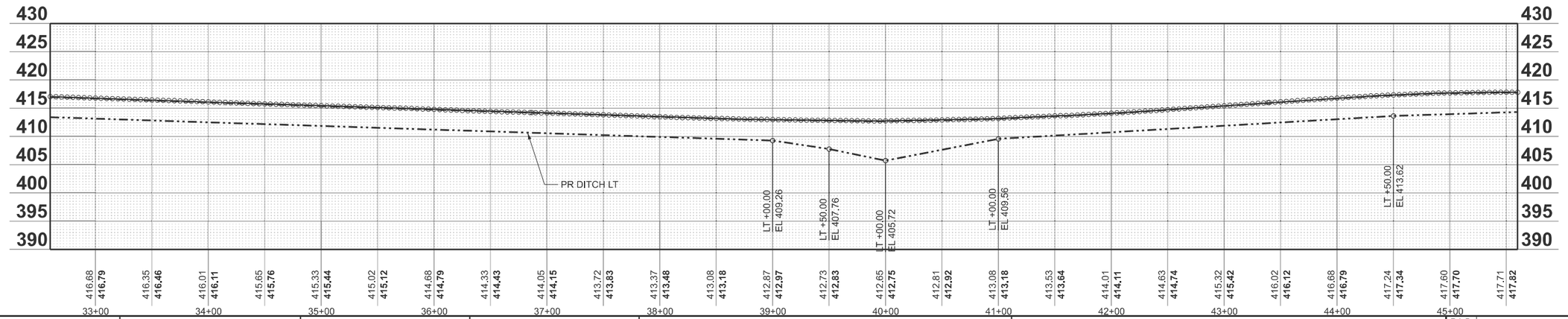
EROSION CONTROL

SCALE: 1"=50' | SHEET 12 OF 16 SHEETS | STA. 19+60.00 | TO STA. 32+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	46
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			







MODEL: IL14_TL_C-1 - Plan 3 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

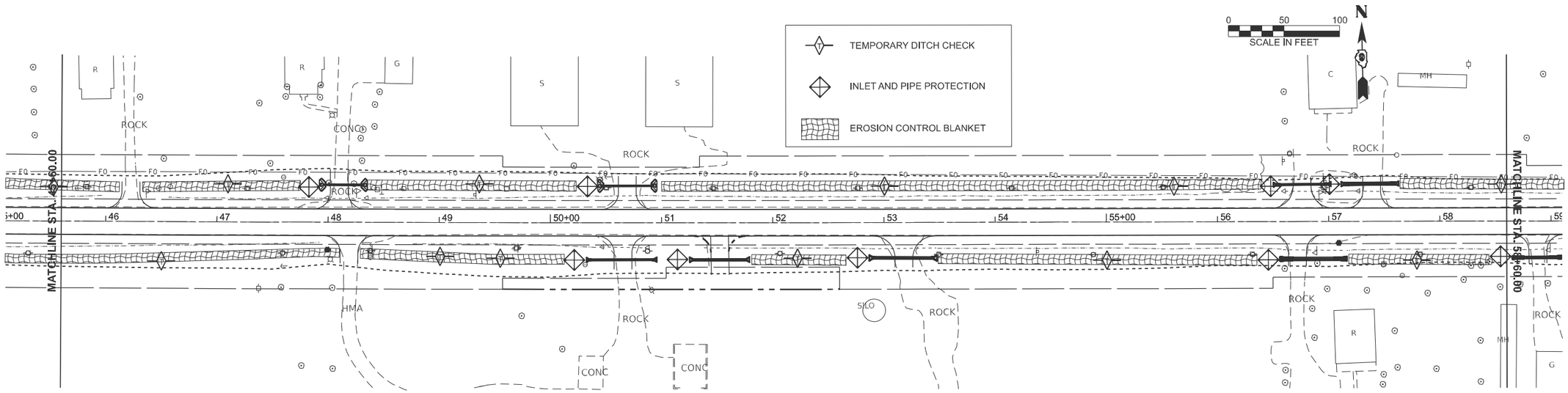
EROSION CONTROL

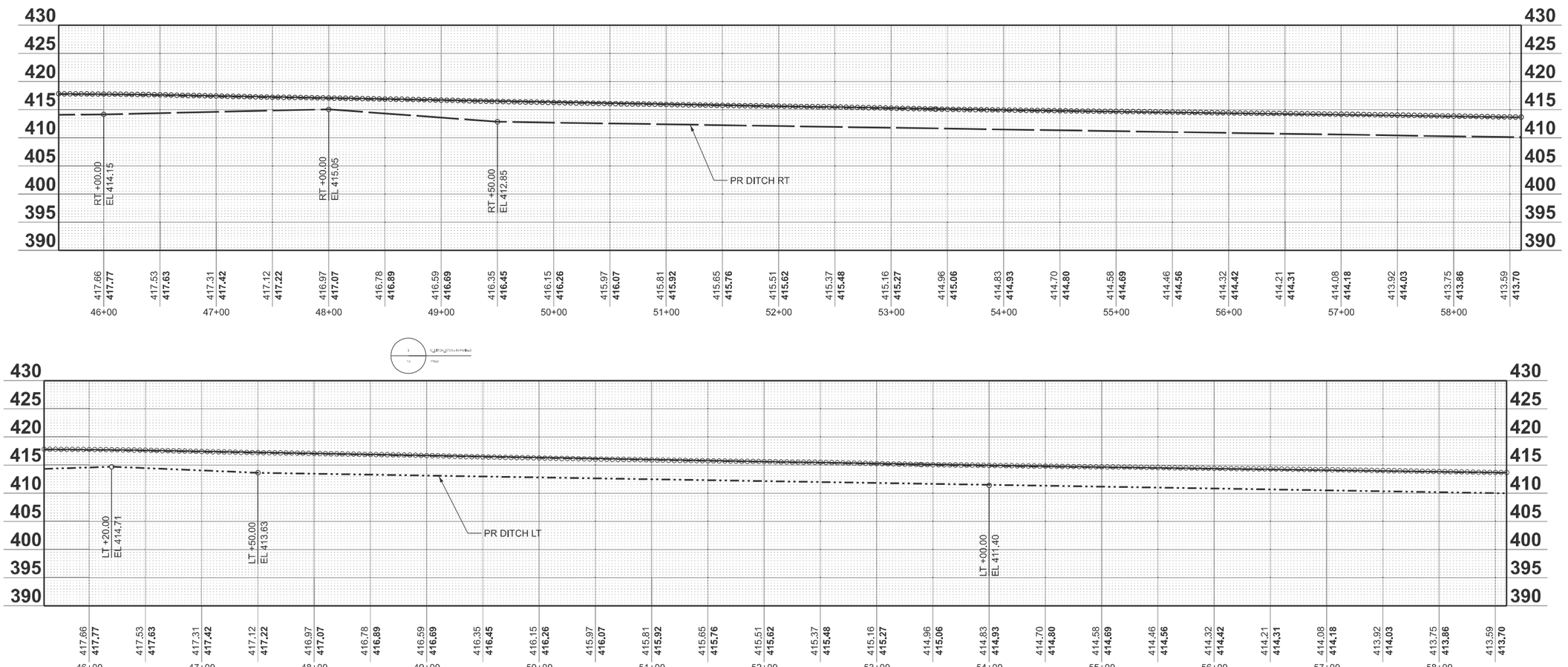
SCALE: 1"=50' | SHEET 13 OF 16 SHEETS | STA. 32+60.00 TO STA. 45+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	47

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT





MODEL: IL14_TL_C-1 - Plan 4 [Sheet]
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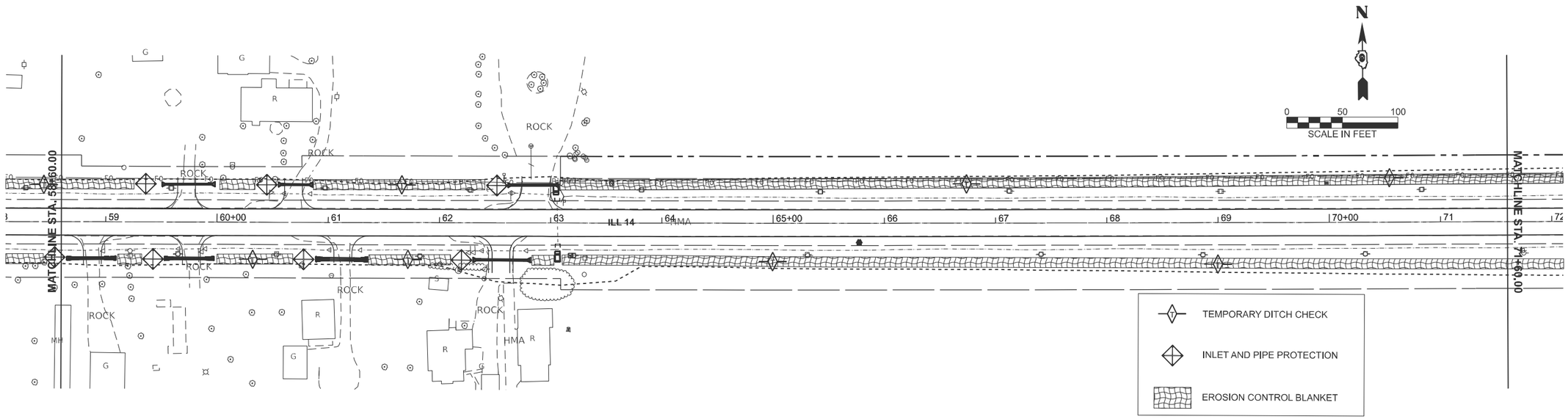
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

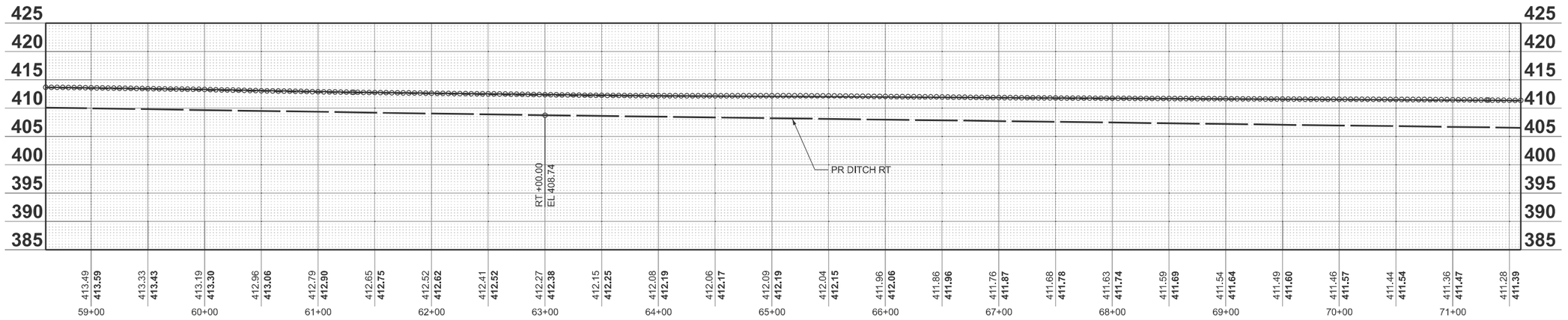
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

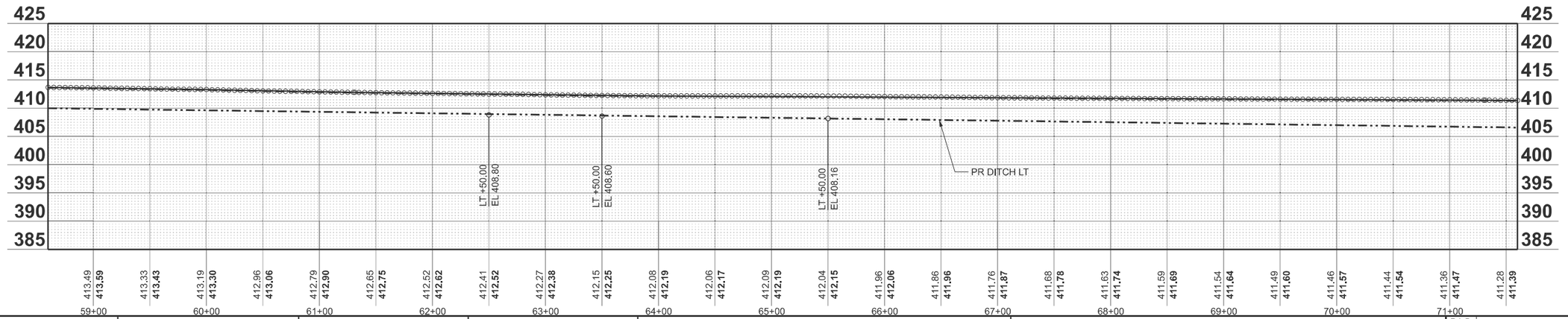
EROSION CONTROL

SCALE: 1"=50' | SHEET 14 OF 16 SHEETS | STA. 45+60.00 | TO STA. 58+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	48
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			







MODEL: IL14_TL_C-1 - Plan 5 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -
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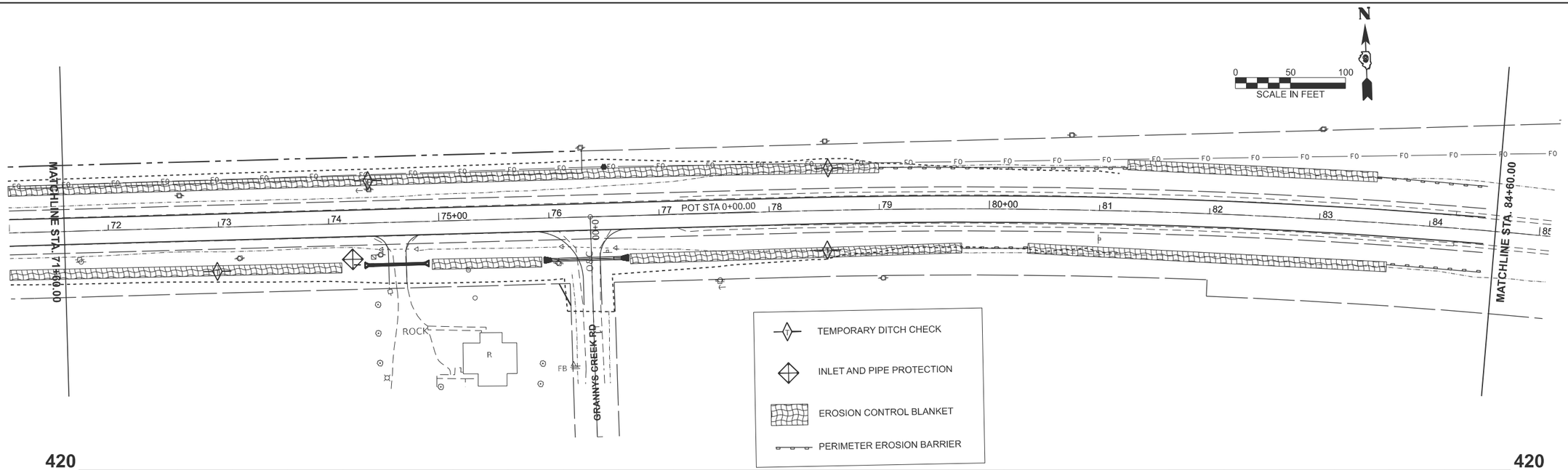
	CHECKED -	REVISED -
PLOT DATE = 8/6/2025	DATE -	REVISED -

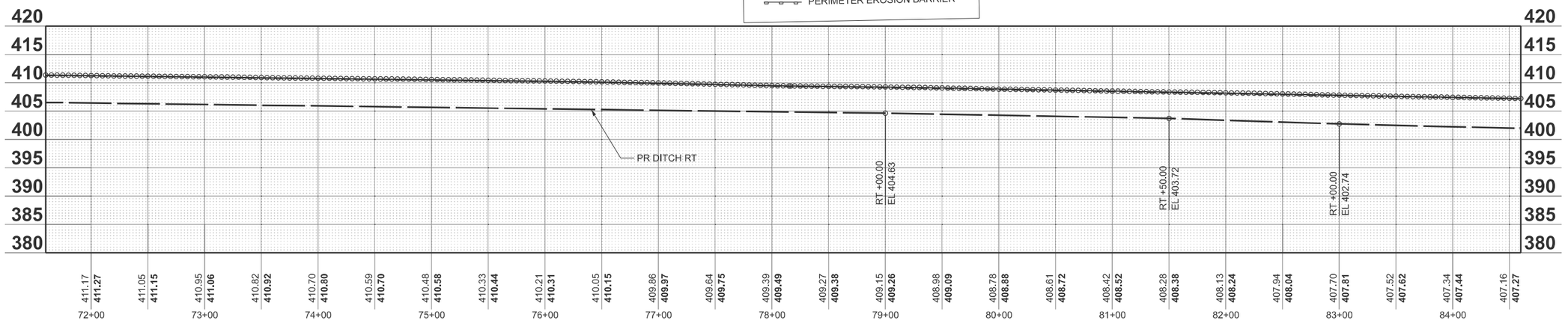
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

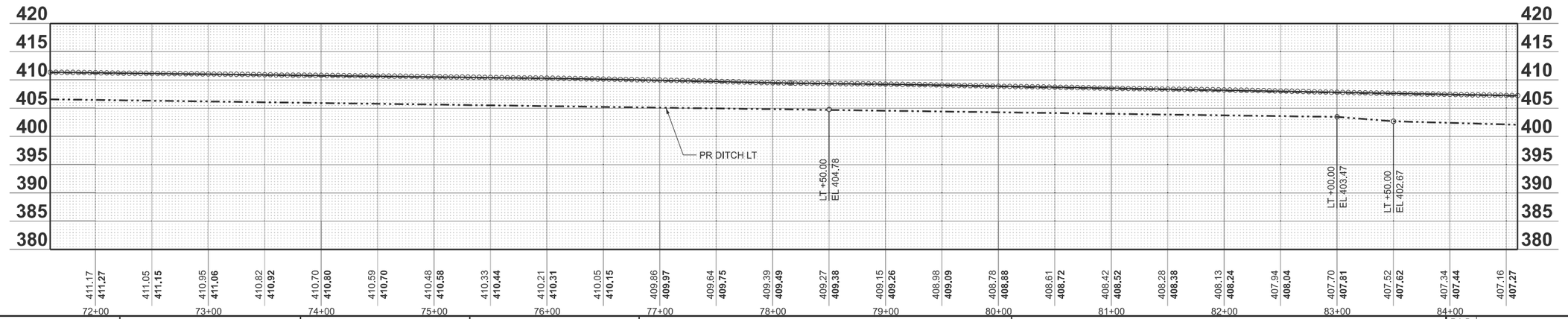
EROSION CONTROL

SCALE: 1"=50' | SHEET 15 OF 16 SHEETS | STA. 58+60.00 | TO STA. 71+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	49
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	







MODEL: IL14_TL_C-1 - Plan 6 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/6/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

SCALE: 1"=50' | SHEET 16 OF 16 SHEETS | STA. 71+60.00 | TO STA. 84+60.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	50
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

EX CURVE NORTH WYE
PI STA = 3+04.50
Δ = 89°45'05" (RT)
D = 18°44'06"
R = 305.82'
T = 304.50'
L = 479.06'
E = 125.74'
PC STA = 0+00.00
PT STA = 4+79.06

ALIGNMENT INFO		
FAP 869 (IL 14) TRANSIT LINE		
POINT #	NORTHING	EASTING
POT -3+04.50 TRANSIT	476710.676'	724734.706'
POT 0+00 TRANSIT	476705.802'	725039.167'
POT 6+60 TRANSIT	476698.236'	725699.082'
PT 4+79.06 N WYE	477015.156'	724738.259'
PT 4+77.55 S WYE	476406.197'	724731.152'
FAP 869 (IL 14) CENTERLINE		
POINT #	NORTHING	EASTING
POT -3+04.50 CL	476707.677'	724734.671'
POT 0+00 CL	476702.802'	725039.132'
PC 2+60 CL	476698.640'	725299.010'
PRC 4+60 CL	476696.938'	725499.090'
PT 6+60 CL	476698.236'	725699.082'
PC 26+86.50	476662.795'	727725.322'

EX CURVE CL-1980-3
PI STA = 3+60.00
Δ = 00°51'34" (LT)
D = 00°25'47"
R = 13,333.34'
T = 100.00'
L = 200.00'
E = 0.38'
PC STA = 2+60.00
PT STA = 4+60.00

PARCEL #	PURPOSE	ACREAGE
102	ROW / TE	+/- 0.014; +/-0.025 ACRES
103	ROW	+/- 0.044 ACRES
104	ROW	+/- 0.008 ACRES
105	ROW	+/- 0.021 ACRES
106	ROW	+/- 0.056 ACRES
107	ROW	+/- 0.029 ACRES
115	ROW	+/- 0.646 ACRES
161	ROW	+/- 0.031 ACRES

PT 4+79.06 N WYE
2+32.24
225.24 RT
AS1
0+00
60 RT
AS2
-3+13.35
11.15 RT
AS240
1+82.02
60 LT
AS6
1+82.06
50 LT
AS7
2+92.02
60 LT
AS8
2+92.06
50 LT
AS9
3+51.75
40 LT
AS13
3+51.72
50 LT
AS12
PARCEL 102
PARCEL 105
PARCEL 106
PARCEL 161
PARCEL 107
PARCEL 115
PARCEL 104
PARCEL 103
SW 1/4 - NE 1/4
SECTION 29 - T6S - R1W
SE 1/4 - NE 1/4
SECTION 29
T6S - R1W
NW 1/4 - SE 1/4
SECTION 29 - T6S - R1W
NE 1/4 - SE 1/4
SECTION 29
T6S - R1W
10+11.94
50 LT
AS35
10+11.99
40 LT
AS36
10+12.15
5.58 LT
AS503
10+12.34
60 RT
AS26
EXISTING ROW
PROPOSED ROW
SBI ROUTE 2 (US 51)
TRANSIT LINE FAP 869 (IL 14)
℄ FAP 869 (IL 14)
PC 2+60 CL
PRC 4+60 CL
PT 6+60 CL
1+00.63
60 LT
AS23
2+00
60 RT & 85 RT
AS55 AS56
2+90
60 RT & 85 RT
AS62 AS64
2+43.62
203.60 LT
AS22
PT 4+77.55 S WYE

EX CURVE SOUTH WYE
PI STA = 3+04.50
Δ = 90°14'55" (LT)
D = 18°53'53"
R = 303.18'
T = 304.50'
L = 477.55'
E = 126.52'
PC STA = 0+00.00
PT STA = 4+77.55

EX CURVE CL-1980-4
PI STA = 5+60.00
Δ = 00°51'34" (RT)
D = 00°25'47"
R = 13,333.34'
T = 100.00'
L = 200.00'
E = 0.38'
PC STA = 4+60.00
PT STA = 6+60.00

COORDINATE DATA		
POINT#	NORTHING	EASTING
AS1	476934.733'	724810.561'
AS2	476765.794'	725040.127'
AS6	476762.880'	725222.126'
AS7	476752.881'	725222.002'
AS8	476761.119'	725332.112'
AS9	476751.120'	725331.989'
AS12	476750.165'	725391.639'
AS13	476740.166'	725391.509'
AS22	476506.124'	724792.323'
AS23	476647.421'	724937.585'
AS26	476629.604'	726050.415'
AS35	476739.596'	726051.777'
AS36	476729.596'	726051.663'
AS55	476642.608'	725238.194'
AS56	476617.611'	725237.793'
AS62	476641.167'	725328.173'
AS64	476616.170'	725327.773'
AS240	476721.963'	724726.038'
AS503	476695.178'	726051.274'

0 100 200
SCALE IN FEET

N

STATE OF ILLINOIS
ADAM M
STOCKDALE
#035-003955
CARBONDALE
PROFESSIONAL LAND SURVEYOR

ADAM M STOCKDALE
ILLINOIS PROFESSIONAL LAND SURVEYOR

CURRENT LICENSE EXPIRES 11/30/2026
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

COORDINATES BASED ON NAD 83 (97ADJ) ILLINOIS EAST ZONE

MATCHLINE STA. 11+50.00

MODEL: ROW Plan 1 - ROW Plan 1 [Sheet]
FILE NAME: c:\pw_work\pwdot\stockdateam\d0819812\D978813-SmlK-ROW.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

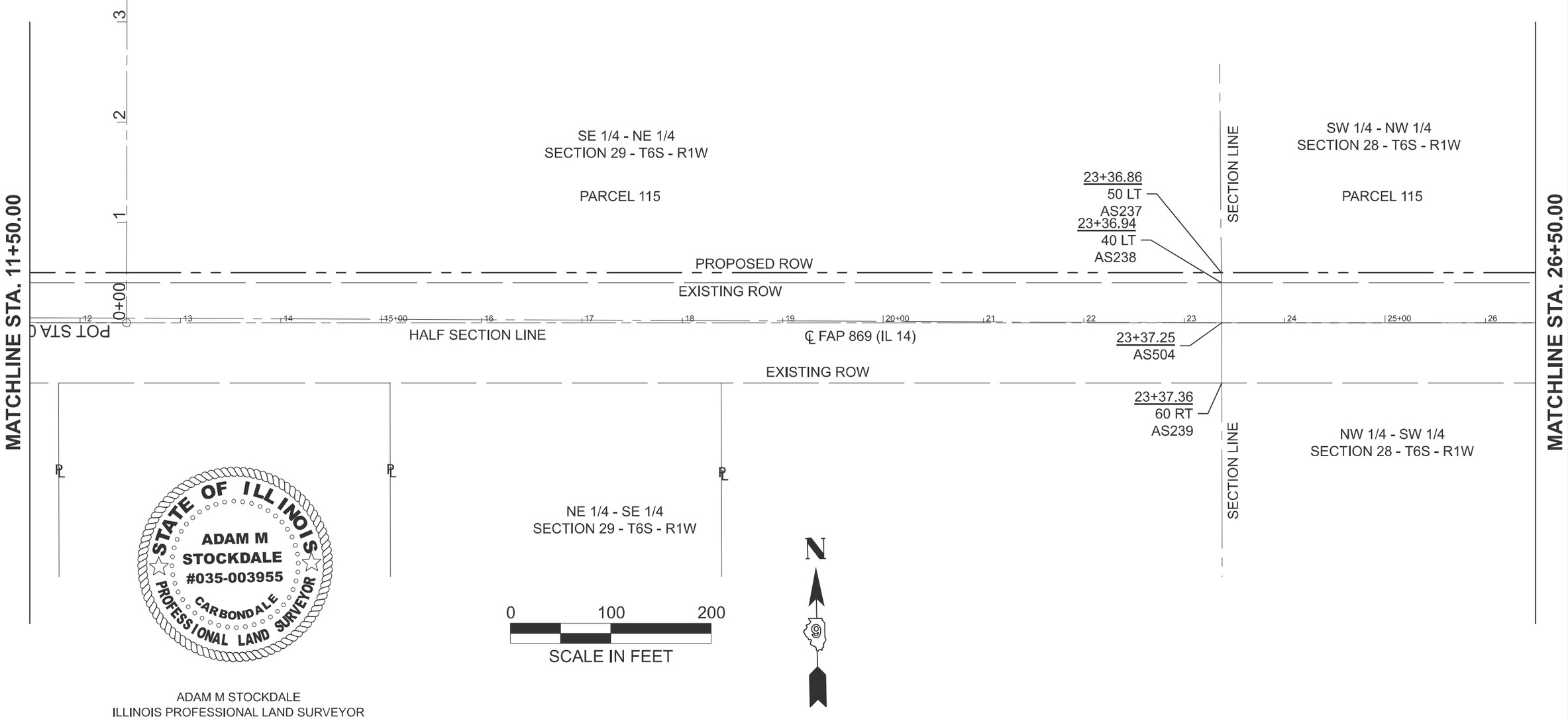
	PROJECT: US 51 TO OLD IL 14	JOB NO. R99-003-21
SCALE: 1"=100'	SHEET 1 OF 6 SHEETS	STA. -3+00 TO STA. 11+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	51
IL 14; SEC 29; T6S; R1W		CONTRACT NO. 78813		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO		
FAP 869 (IL 14) CENTERLINE		
POINT #	NORTHING	EASTING
PT 6+60 CL	476698.236'	725699.082'
PC 26+86.50	476662.795'	727725.322'

COORDINATE DATA		
POINT#	NORTHING	EASTING
AS237	476718.386'	727376.526'
AS238	476708.386'	727376.445'
AS239	476608.392'	727375.271'
AS504	476668.401'	727376.122'

PARCEL #	PURPOSE	ACREAGE
115	ROW	+/- 0.646 ACRES



ADAM M STOCKDALE
ILLINOIS PROFESSIONAL LAND SURVEYOR

CURRENT LICENSE EXPIRES 11/30/2026
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ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

COORDINATES BASED ON NAD 83 (97ADJ) ILLINOIS EAST ZONE

MODEL: ROW Plan 1 - ROW Plan 2 [Sheet]
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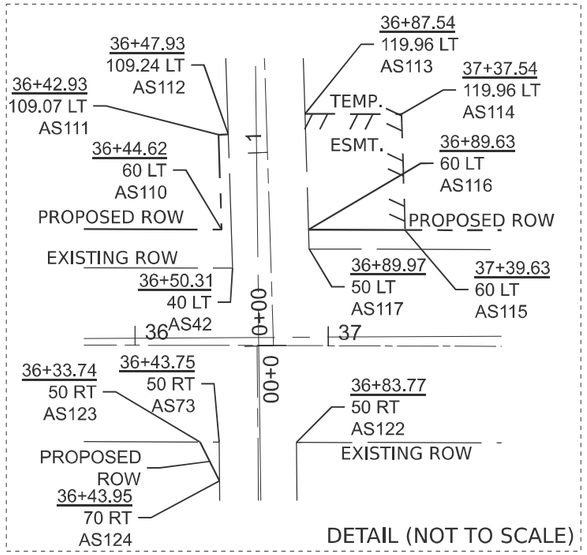
USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

RIGHT OF WAY PLANS

PROJECT: US 51 TO OLD IL 14 | JOB NO. R99-003-21
SCALE: 1"=100' | SHEET 2 OF 6 SHEETS | STA. 11+50 TO STA. 26+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	52
IL 14; SEC 28&29; T6S; R1W		CONTRACT NO. 78813		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COORDINATE DATA						
POINT #	NORTHING	EASTING		POINT #	NORTHING	EASTING
AS37	476712.789'	727726.123'		AS115	476700.896'	728779.720'
AS38	476702.790'	727725.963'		AS116	476702.151'	728729.736'
AS39	476706.752'	728540.066'		AS117	476692.145'	728729.833'
AS40	476696.755'	728539.832'		AS120	476686.876'	728939.798'
AS42	476683.138'	728689.918'		AS121	476696.873'	728940.049'
AS61	476593.721'	728221.463'		AS122	476592.332'	728721.121'
AS63	476603.721'	728221.558'		AS123	476573.574'	728671.134'
AS73	476593.327'	728681.131'		AS124	476573.330'	728680.842'
AS79	476602.803'	727724.362'		AS137	476586.159'	728967.107'
AS110	476703.272'	728684.723'		AS138	476576.160'	728966.964'
AS111	476752.371'	728684.248'		AS139	476566.160'	728966.820'
AS112	476752.420'	728689.248'		AS140	476563.151'	729086.737'
AS113	476762.148'	728729.155'		AS141	476573.148'	729086.988'
AS114	476760.893'	728779.140'		AS505	476646.968'	728702.684'



PARCEL #	PURPOSE	ACREAGE
115	ROW	+/- 0.646 ACRES
120	ROW	+/- 0.002 ACRES
122	ROW	+/- 0.028 ACRES
125	ROW / TE	+/- 0.033; +/- 0.069 ACRES
126	ROW	+/- 0.016 ACRES

STATE OF ILLINOIS
ADAM M
STOCKDALE
#035-003955
CARBONDALE
PROFESSIONAL LAND SURVEYOR

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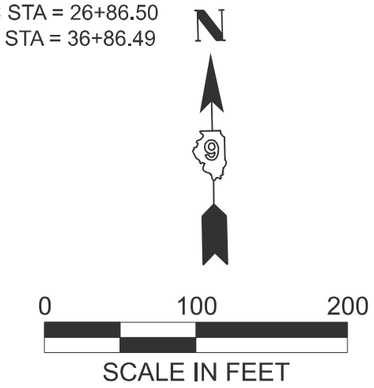


ALIGNMENT INFO					
FAP 869 (IL 14) CENTERLINE				SWEET GUM ROAD NORTH		
POINT #	NORTHING	EASTING		POINT #	NORTHING	EASTING
POT 6+60 TRANSIT	476698.236'	725699.082'		POT 36+71.70 = 0+00 SG RD N	476642.618'	728710.311'
PC 26+86.50	476662.795'	727725.322'		POT 3+00 SG RD N	476942.604'	728707.409'
POT 36+63.24 = SG RD S	476642.829'	728701.851'		SWEET GUM ROAD SOUTH		
POT 36+71.70 = 0+00 SG RD N	476642.618'	728710.311'		POINT #	NORTHING	EASTING
PT 36+86.49	476642.248'	728725.101'		POT 36+63.24 = SG RD S	476642.829'	728701.851'
PC 43+38.89	476625.882'	729377.296'		POT 3+00 SG RD S	476342.861'	728697.504'

COORDINATES BASED ON NAD 83 (97ADJ) ILLINOIS EAST ZONE

MODEL: ROW Plan 1 - ROW Plan 3 [Sheet]
FILE NAME: c:\pw_work\pwidot\stockdaleamd\d0819812\D978813-Smlt-ROW.dgn

USER NAME = adam.stockdale	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

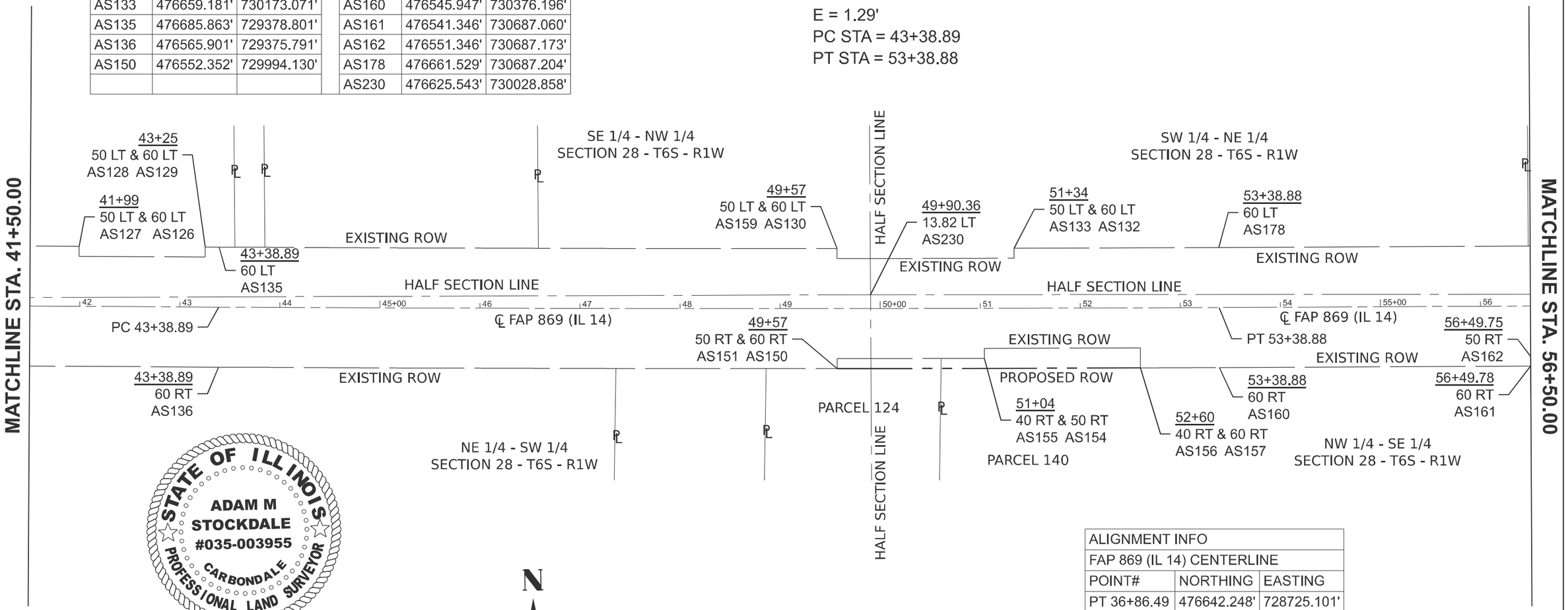
SCALE: 1"=100'	PROJECT: US 51 TO OLD IL 14	JOB NO.
	SHEET 3 OF 6 SHEETS	STA. 26+50 TO STA. 41+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	53
IL 14; SEC 28; T6S; R1W		CONTRACT NO. 78813		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COORDINATE DATA					
POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
AS126	476689.372'	729238.952'	AS151	476562.350'	729994.317'
AS127	476679.376'	729238.701'	AS154	476559.707'	730141.369'
AS128	476676.215'	729364.662'	AS155	476569.705'	730141.541'
AS129	476686.212'	729364.912'	AS156	476567.144'	730297.584'
AS130	476672.331'	729996.377'	AS157	476547.147'	730297.272'
AS132	476669.179'	730173.240'	AS159	476662.332'	729996.190'
AS133	476659.181'	730173.071'	AS160	476545.947'	730376.196'
AS135	476685.863'	729378.801'	AS161	476541.346'	730687.060'
AS136	476565.901'	729375.791'	AS162	476551.346'	730687.173'
AS150	476552.352'	729994.130'	AS178	476661.529'	730687.204'
			AS230	476625.543'	730028.858'

EX CURVE IL14_TL_C_6
PI STA = 48+38.89
Δ = 00°35'23" (LT)
D = 00°03'32"
R = 97,166.77'
T = 500.00'
L = 999.99'
E = 1.29'
PC STA = 43+38.89
PT STA = 53+38.88

PARCEL #	PURPOSE	ACREAGE
124	ROW	+/- 0.024 ACRES
140	ROW	+/- 0.082 ACRES



STATE OF ILLINOIS
ADAM M
STOCKDALE
#035-003955
CARBONDALE
PROFESSIONAL LAND SURVEYOR

ADAM M STOCKDALE
ILLINOIS PROFESSIONAL LAND SURVEYOR

CURRENT LICENSE EXPIRES 11/30/2026
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N

0 100 200
SCALE IN FEET

ALIGNMENT INFO		
FAP 869 (IL 14) CENTERLINE		
POINT#	NORTHING	EASTING
PT 36+86.49	476642.248'	728725.101'
PC 43+38.89	476625.882'	729377.296'
PT 53+38.88	476605.940'	730377.084'
PC 61+31.34	476594.214'	731169.453'

COORDINATES BASED ON NAD 83 (97ADJ) ILLINOIS EAST ZONE

MODEL: ROW Plan 1 - ROW Plan 4 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-ShtK-ROW.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

	PROJECT: US 51 TO OLD IL 14		JOB NO. R99-003-21	
SCALE: 1"=100'	SHEET 4	OF 6 SHEETS	STA. 41+50	TO STA. 56+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	54
	IL 14: SEC 28; T6S; R1W		CONTRACT NO. 78813	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARCEL #	PURPOSE	ACREAGE
146	ROW	+/- 0.607 ACRES

EX CURVE IL14_TL_C_9
PI STA = 66+31.34
Δ = 00°25'01" (LT)
D = 00°02'30"
R = 137,439.34'
T = 500.00'
L = 1000.00'
E = 0.91'
PC STA = 61+31.34
PT STA = 71+31.34

N

0 100 200
SCALE IN FEET

MATCHLINE STA. 56+50.00

SW 1/4 - NE 1/4
SECTION 28 - T6S - R1W

58+78
50 LT & 60 LT
AS184 AS183

60+76.07
60 LT
AS190

60+76.19
50 LT
AS189

61+31.34
60 LT
AS193

EXISTING ROW

HALF SECTION LINE

℄ FAP 869 (IL 14)

PC 61+31.34

EXISTING ROW

61+31.34
50 RT
AS175

NW 1/4 - SE 1/4
SECTION 28 - T6S - R1W

QUARTER-QUARTER SECTION LINE

63+08.67
903 LT
AS231

63+08.63
60 LT
AS196

63+08.65
40 LT
AS233

63+08.91
50 RT
AS177

63+08.95
60 RT
AS176

QUARTER-QUARTER SECTION LINE

SE 1/4 - NE 1/4
SECTION 28 - T6S - R1W

PARCEL
146

PROPOSED ROW

EXISTING ROW

HALF SECTION LINE

℄ FAP 869 (IL 14)

PT 71+31.34

EXISTING ROW

71+31.34
60 LT & 40 LT
AS211 AS212

71+31.34
60 RT
AS210

NE 1/4 - SE 1/4
SECTION 28 - T6S - R1W

MATCHLINE STA. 71+50.00

STATE OF ILLINOIS
ADAM M
STOCKDALE
#035-003955
CARBONDALE
PROFESSIONAL LAND SURVEYOR

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ALIGNMENT INFO		
FAP 869 (IL 14) CENTERLINE		
POINT #	NORTHING	EASTING
PT 53+38.88	476605.940'	730377.084'
PC 61+31.34	476594.214'	731169.453'
PT 71+31.34	476583.055'	732169.384'
PC 78+16.51	476577.902'	732854.539'

COORDINATE DATA		
POINT #	NORTHING	EASTING
AS175	476544.219'	731168.713'
AS176	476531.706'	731346.236'
AS177	476541.706'	731346.330'
AS183	476658.256'	730917.036'
AS184	476648.236'	730916.908'
AS189	476645.207'	731115.050'
AS190	476655.181'	731115.074'
AS193	476654.207'	731170.341'
AS196	476651.700'	731347.538'
AS210	476523.057'	732168.933'
AS211	476643.053'	732169.835'
AS212	476623.054'	732169.685'
AS231	476600.732'	731346.886'
AS233	476631.701'	731347.282'

COORDINATES BASED ON NAD 83 (97ADJ) ILLINOIS EAST ZONE

MODEL: ROW Plan 1 - ROW Plan 5 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-Shtk-ROW.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/6/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

	PROJECT: US 51 TO OLD IL 14	JOB NO. R99-003-21
SCALE: 1"=100'	SHEET 5 OF 6 SHEETS	STA. 56+50 TO STA. 71+50

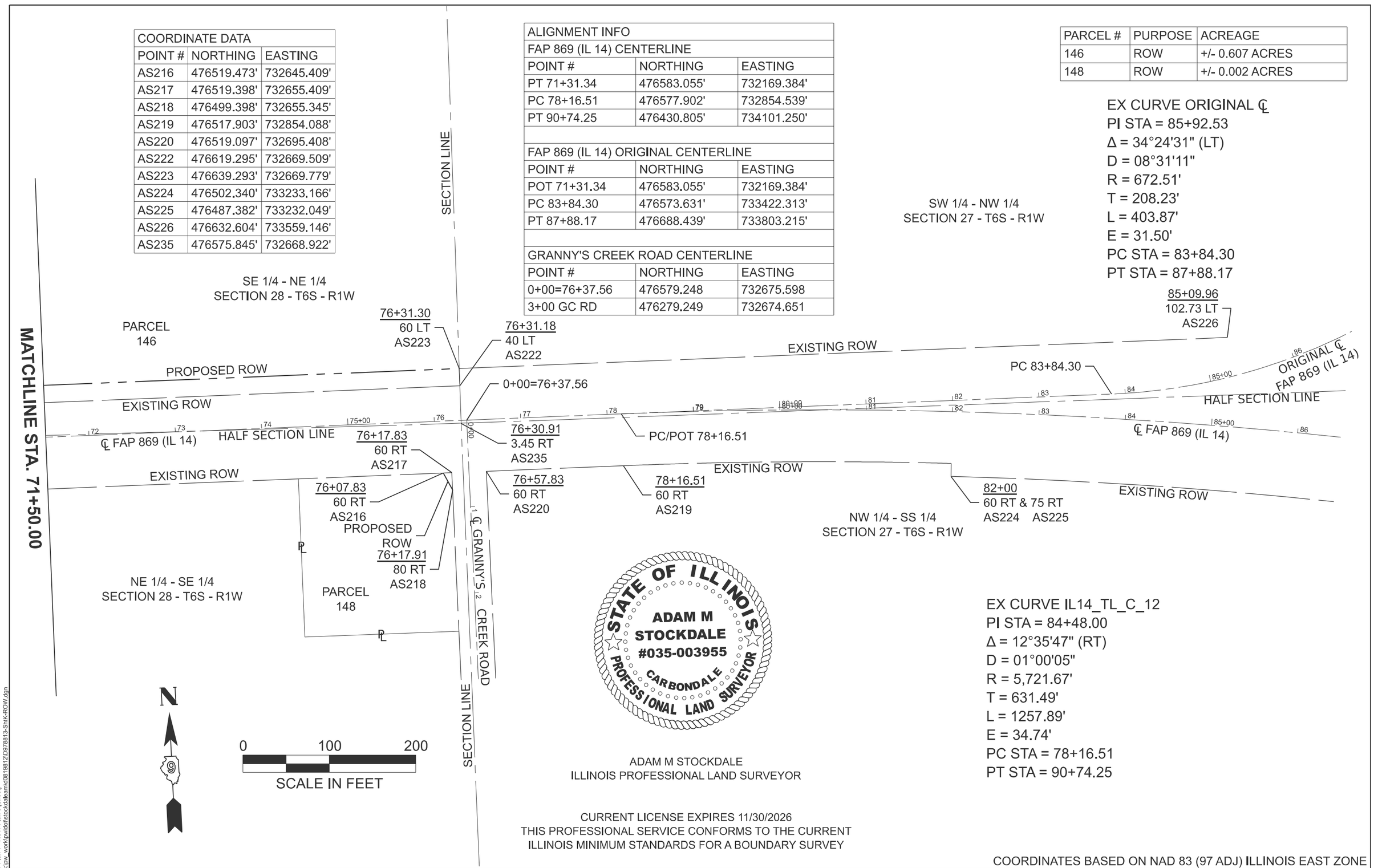
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	55
	IL 14; SEC 28; T6S; R1W	CONTRACT NO. 78813		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COORDINATE DATA		
POINT #	NORTHING	EASTING
AS216	476519.473'	732645.409'
AS217	476519.398'	732655.409'
AS218	476499.398'	732655.345'
AS219	476517.903'	732854.088'
AS220	476519.097'	732695.408'
AS222	476619.295'	732669.509'
AS223	476639.293'	732669.779'
AS224	476502.340'	733233.166'
AS225	476487.382'	733232.049'
AS226	476632.604'	733559.146'
AS235	476575.845'	732668.922'

ALIGNMENT INFO		
FAP 869 (IL 14) CENTERLINE		
POINT #	NORTHING	EASTING
PT 71+31.34	476583.055'	732169.384'
PC 78+16.51	476577.902'	732854.539'
PT 90+74.25	476430.805'	734101.250'
FAP 869 (IL 14) ORIGINAL CENTERLINE		
POINT #	NORTHING	EASTING
POT 71+31.34	476583.055'	732169.384'
PC 83+84.30	476573.631'	733422.313'
PT 87+88.17	476688.439'	733803.215'
GRANNY'S CREEK ROAD CENTERLINE		
POINT #	NORTHING	EASTING
0+00=76+37.56	476579.248	732675.598
3+00 GC RD	476279.249	732674.651

PARCEL #	PURPOSE	ACREAGE
146	ROW	+/- 0.607 ACRES
148	ROW	+/- 0.002 ACRES

EX CURVE ORIGINAL ℄
PI STA = 85+92.53
Δ = 34°24'31" (LT)
D = 08°31'11"
R = 672.51'
T = 208.23'
L = 403.87'
E = 31.50'
PC STA = 83+84.30
PT STA = 87+88.17



EX CURVE IL14_TL_C_12
PI STA = 84+48.00
Δ = 12°35'47" (RT)
D = 01°00'05"
R = 5,721.67'
T = 631.49'
L = 1257.89'
E = 34.74'
PC STA = 78+16.51
PT STA = 90+74.25

STATE OF ILLINOIS
ADAM M STOCKDALE
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CARBONDALE
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COORDINATES BASED ON NAD 83 (97 ADJ) ILLINOIS EAST ZONE

MODEL: ROW Plan 1 - ROW Plan 6 [Sheet]
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USER NAME = adam.stockdale	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/14/2025	DATE -	REVISED -	

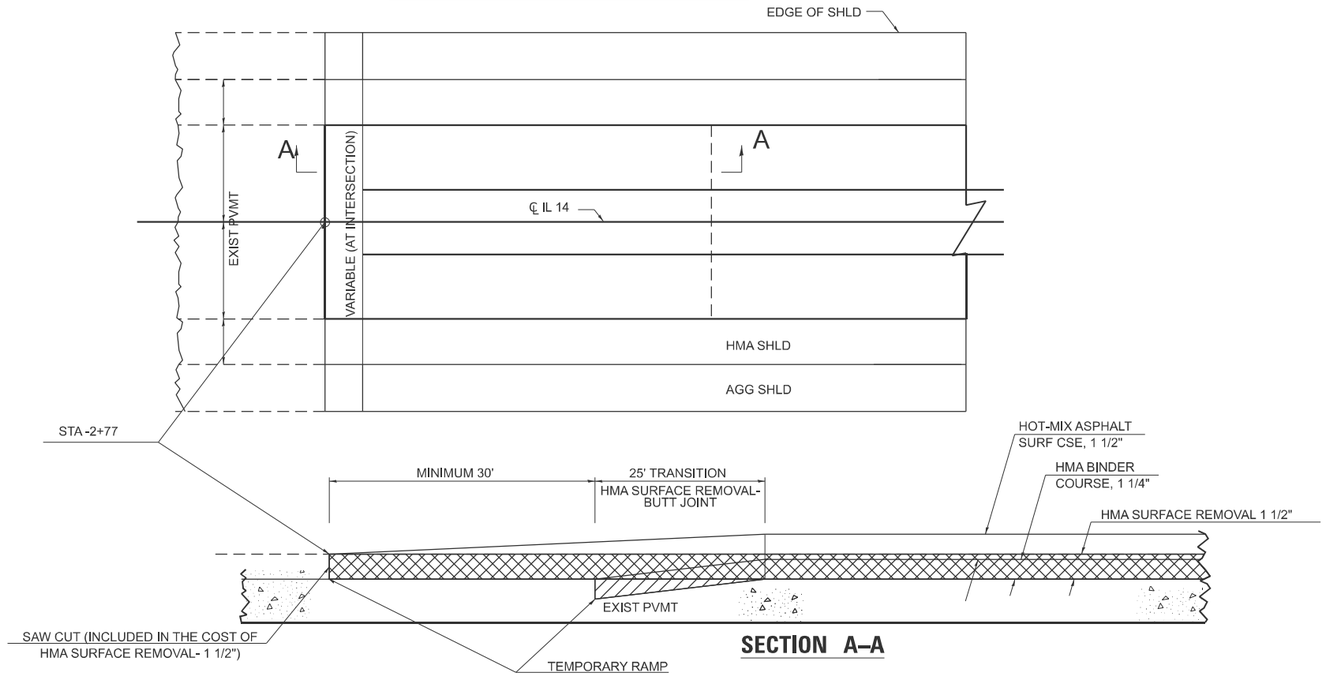
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

	PROJECT: US 51 TO OLD IL 14	JOB NO. R99-003-21
SCALE: 1"=100'	SHEET 6 OF 6 SHEETS	STA. 71+50 TO STA. 77+00

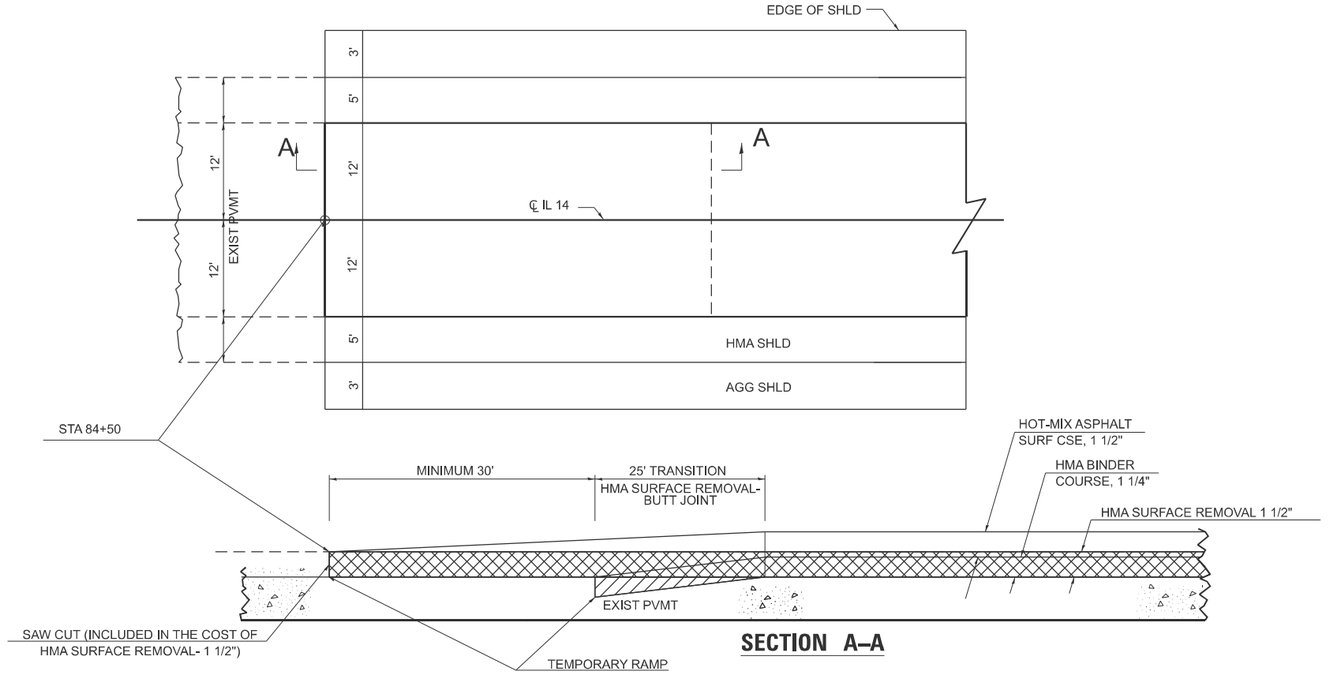
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	56
	IL 14; SEC 27/28; T6S; R1W	CONTRACT NO. 78813		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BUTT JOINT WITH MILLING



SECTION A–A

BUTT JOINT WITH MILLING



SECTION A–A

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

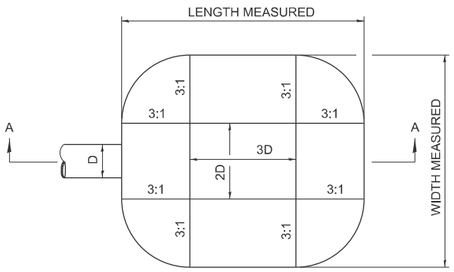
BUTT JOINT DETAIL

SCALE: | SHEET 1 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	57
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	

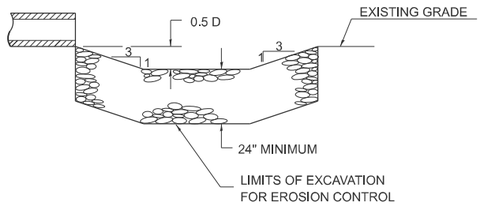
MODEL: Untitled-6 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-Sht5-DistrictStds.dgn

ENERGY DISSIPATOR



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

PLAN



SECTION A–A

EARTH EXCAVATION FOR ENERGY DISSIPATOR

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

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

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

RIPRAP FOR ENERGY DISSIPATOR

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

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS. THE OUTSIDE CORNERS CAN BE ROUNDED OR SQUARED.

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

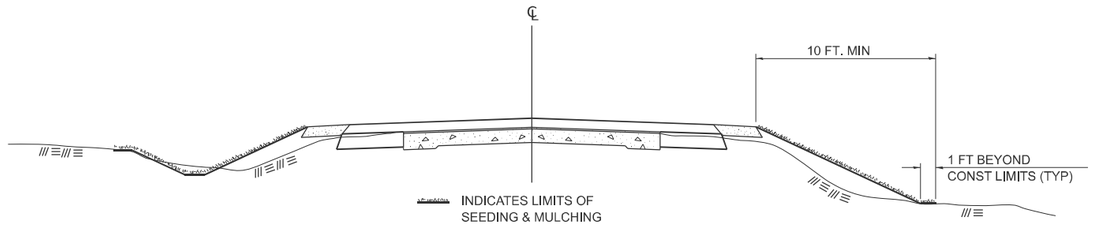
THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

FILTER FABRIC AND BEDDING MATERIAL AS SPECIFIED IN SECTION 281 WILL NOT BE REQUIRED.

DRAWN	02-15-89
REVISED	03-26-08
REVISED	10-21-22
REVISED	05-03-22

STD. 9-06

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.

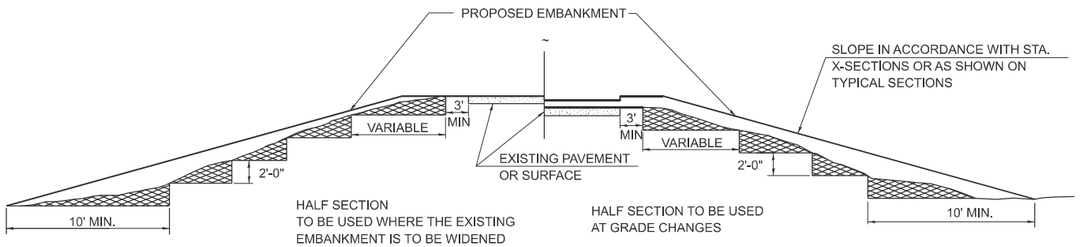
THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR ROAD AND BRIDGE CONSTRUCTION.

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

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL

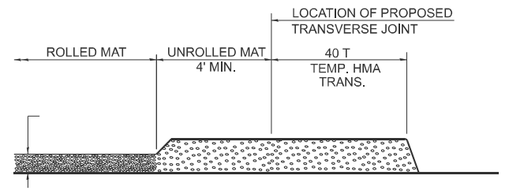


STEPS SHALL BE CUT IN THE EXISTING SLOPE IN ACCORDANCE WITH ART. 205.03 EXCEPT THAT THE REQUIREMENT THAT STEPS SHALL BE CUT INTO THE EXISTING SLOPE BEFORE THE CONTRUCTION OF THE EXISTING EMBANKMENT IS STARTED SHALL NOT APPLY. MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

DRAWN	02-15-89
REVISED	05-07-08
REVISED	10-21-21
REVISED	05-27-22

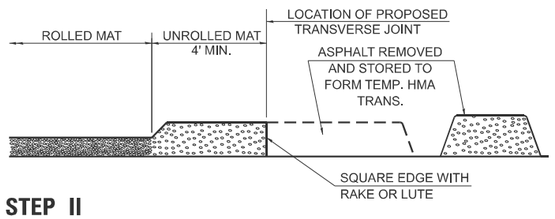
STD. 9-25

TEMPORARY HOT–MIX ASPHALT TRANSITIONS



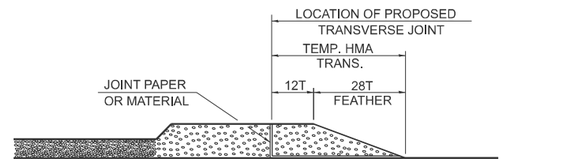
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



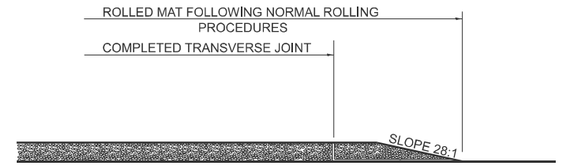
STEP II

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



STEP III

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



STEP IV

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

DRAWN	02-15-89
REVISED	01-09-07
REVISED	10-21-21
REVISED	05-26-22

STD. 9-18

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

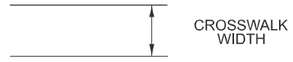
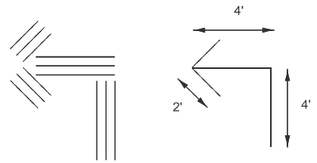
ENERGY DISSIPATOR, SEEDING & MULCHING, STEP CONSTUCTION, & TEMP HMA TRANS DETAILS

SCALE: | SHEET 2 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	58
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

MODEL: Details [Sheet]
FILE NAME: c:\pw_work\pwidot\coll\mmd0819812\D9788813-Sht5-DistrictStds.dgn

SHORT TERM PAVEMENT MARKING DETAIL

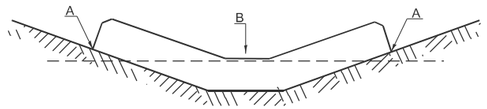
STOP BARS & RAILROAD STOP BARS	3 - 4" LINES (LANE WIDTH)	
RAILROAD "R"	1 - 4" (14' TOTAL)	
RAILROAD "X"	2 - 4" (40' PER "X")	
CROSSWALKS	2 - 4" LINES (ONE EACH SIDE OF CROSSWALK)	 CROSSWALK WIDTH
TURN LANE ARROWS	3 - 4" LINES FOR EACH SEGMENT (36' PER ARROW)	 4' 2' 4'

DRAWN	05-06-25
REVISED	
REVISED	
REVISED	

STD. 9-33

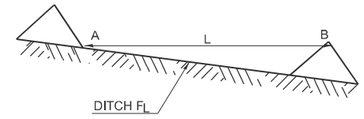
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS



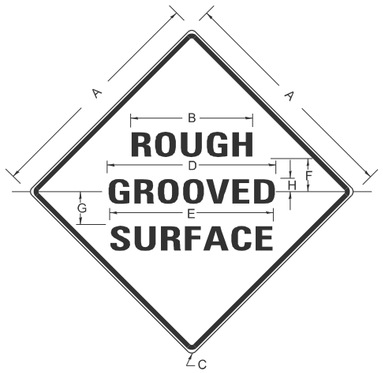
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT IN CENTER OF CHECK

DRAWN	09-01-99
REVISED	05-08-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-28

ILLINOIS STANDARD
ROUGH GROOVED SURFACE SIGN



COLORS

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

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

STD. 9-23

MODEL: Details-1 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-Sht5-DistrictStds.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/6/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

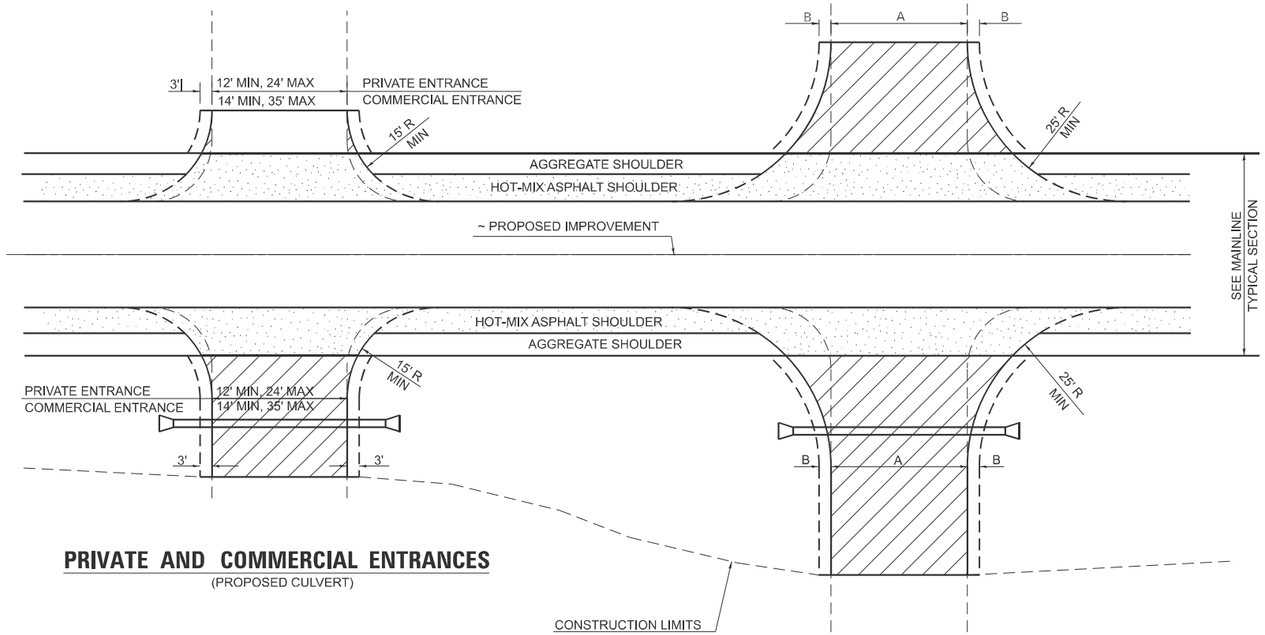
SHORT TERM PAV'T MARKING, TEMP DITCH CHECKS
ROUGH GRROVED SIGN DETAILS

SCALE: | SHEET 3 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	59
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

RURAL SIDE APPROACH DETAILS

PRIVATE AND COMMERCIAL ENTRANCES



PRIVATE AND COMMERCIAL ENTRANCES

(PROPOSED CULVERT)

SIDEROADS

SIDEROADS

(PROPOSED CULVERT)

SIDEROAD DIMENSIONS (MIN.)

ADT	A (FT)	B (FT)
0 TO 250	18'	2'
250 TO 400	20'	2'
GREATER THAN 400	22'	4'

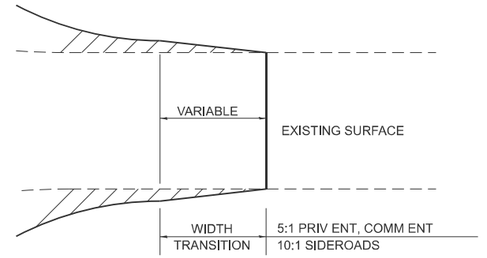
FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.

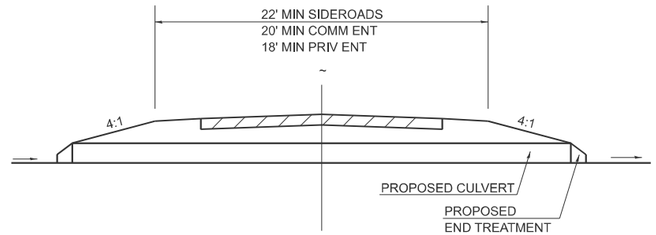
IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

WIDTH TRANSITION DETAIL TO EXISTING

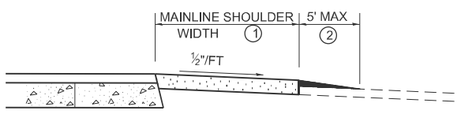
(IF APPLICABLE)

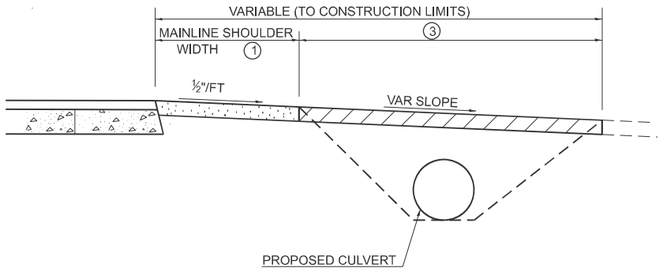


DETAIL FOR CALCULATING CULVERT LENGTH

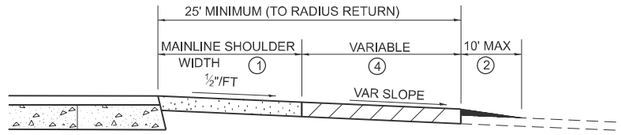


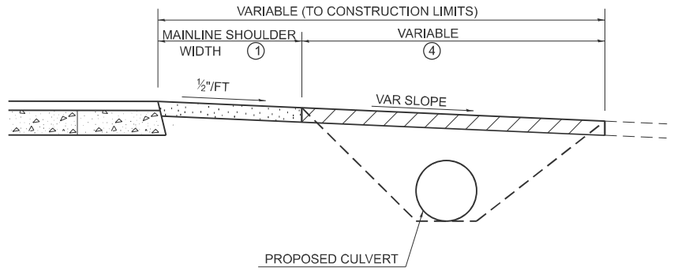
PRIVATE AND COMMERCIAL ENTRANCES





SIDEROADS





LEGEND

① CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

② IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.

③ 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.

④ 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

GENERAL NOTES

1. ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
2. IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' WIDE EMBANKMENT).
3. SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
4. ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
5. THE INTERSECTION RADII OF SIDEROADS SHALL BE AS SHOWN ON THE PLANS.

DRAWN	03-05-91
REVISED	01-20-00
REVISED	10-21-21
REVISED	05-27-22

STD. 9-

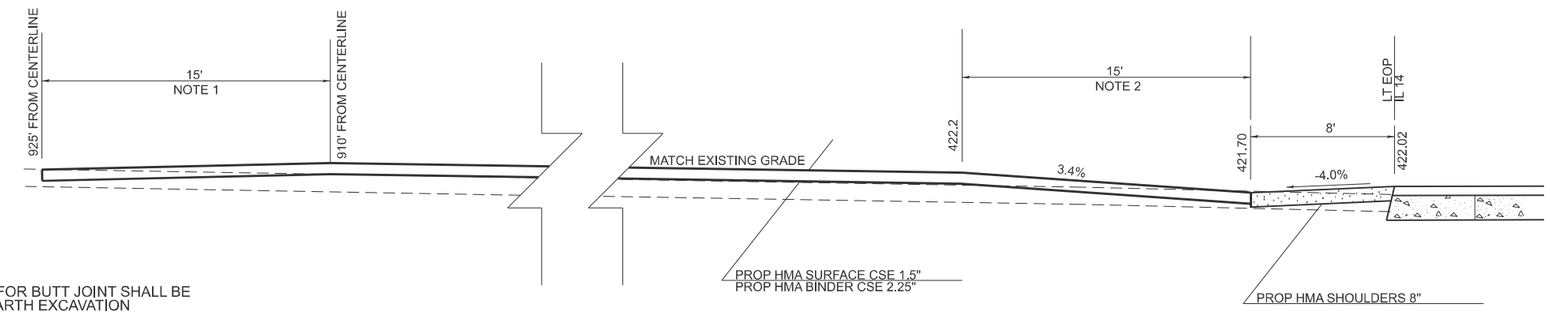
MODEL: Details-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-Sht5-DistrictStds.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

RURAL SIDE APPROACH DETAIL

SCALE: | SHEET 4 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	60
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



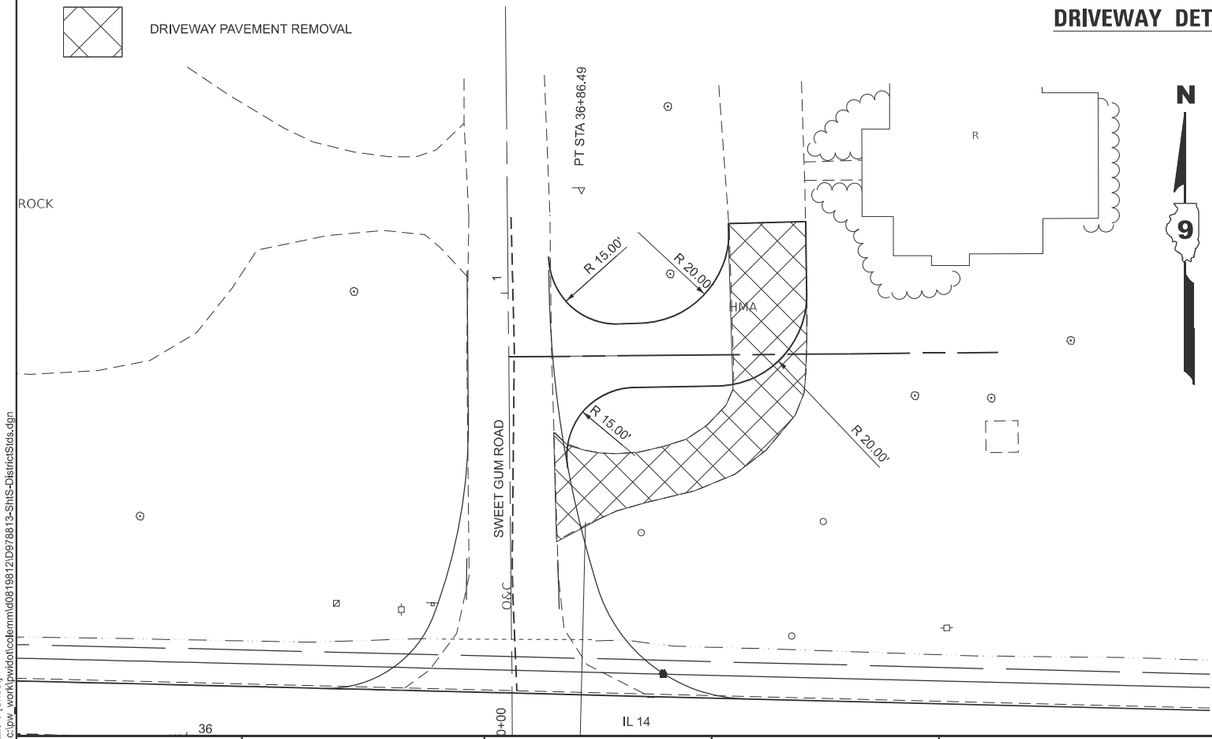
GENERAL NOTES

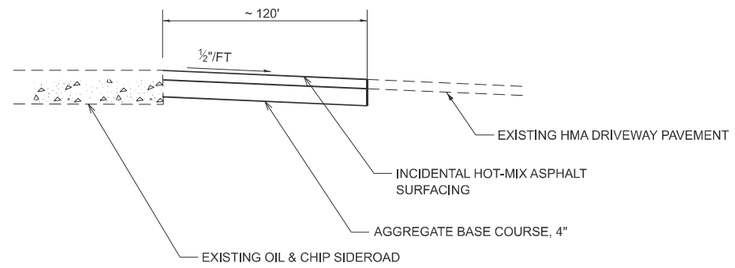
1. AGGREGATE EXCAVATION FOR BUTT JOINT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION

2. AFTER EXCAVATION, IF THE SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE ENTRANCE SHALL BE CORED OUT AND AGGREGATE BASE COURSE, TYPE B BE SHALL BE PLACED AS A BASE. THE COST OF CORING OUT THE ENTRANCE AND AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04.

FAIRGROUND ENTRANCE DETAIL
STA 12+44 LT

DRIVEWAY DETAIL





MODEL: Details-3 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

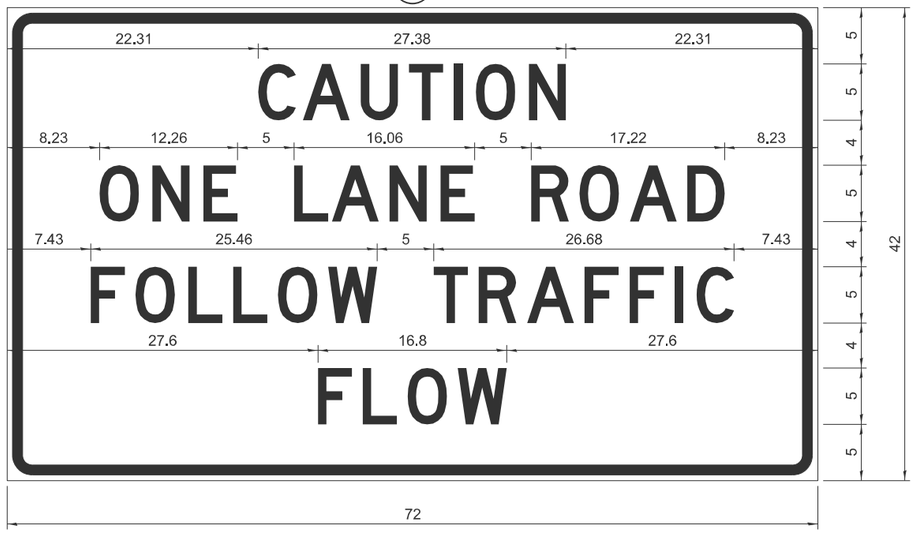
FAIRGROUND ENTRANCE TRANSITION AND DRIVEWAY DETAIL

SCALE: | SHEET 5 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	61
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

(2)



COLOR	LEGEND AND BORDER	BLACK	NON-REFLECTORIZED
	BACKGROUND	ORANGE	REFLECTORIZED

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.

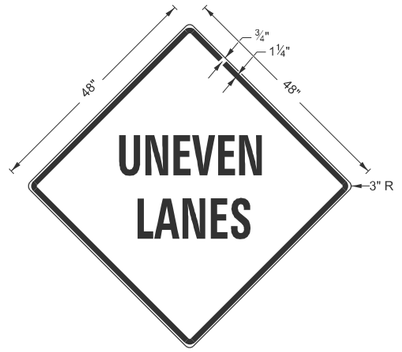
All dimensions are in inches unless otherwise noted.

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

STD. 9-34

UNEVEN LANES SIGN

W8–11 (48" X 48")



COLORS:
LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

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

STD. 9-24

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/6/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS AND UNEVEN LANES SIGN DETAIL

SCALE: | SHEET 6 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	62
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

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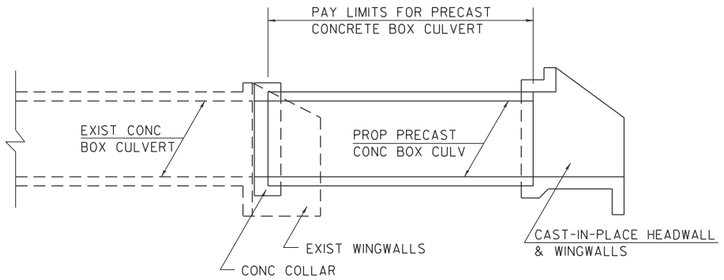
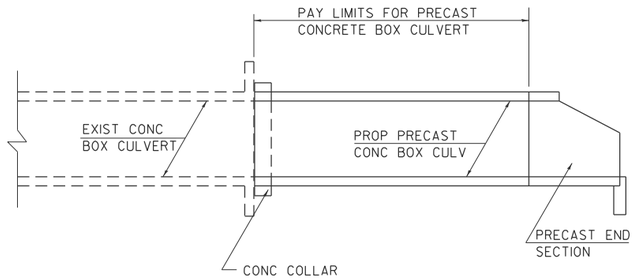
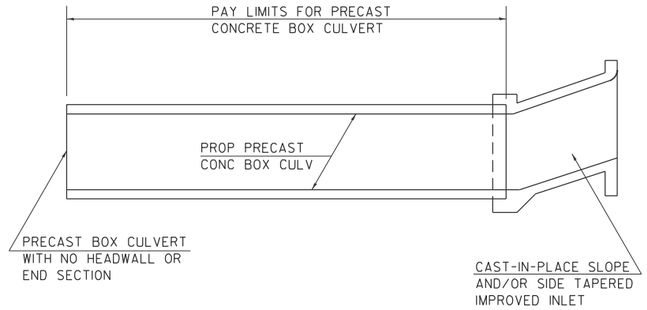
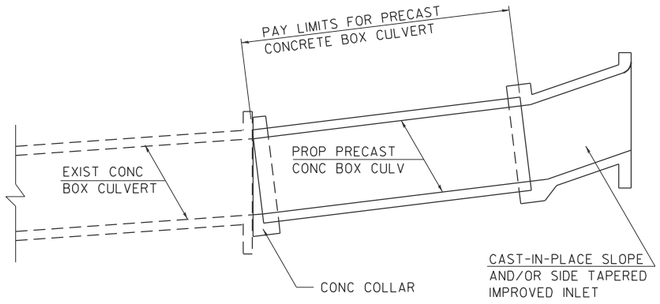
PAYMENT LIMITS FOR PRECAST CONCRETE BOX CULVERTS

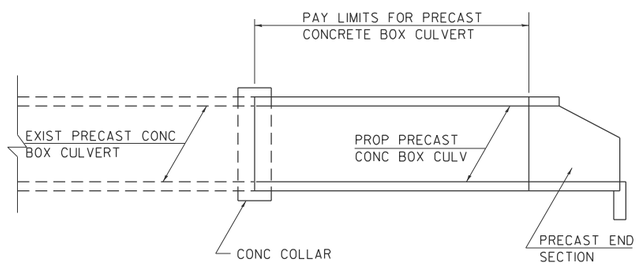


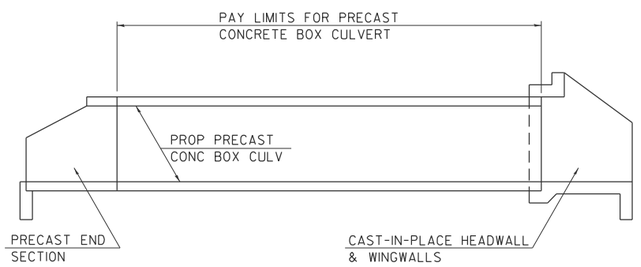






CULVERT EXTENSIONS





NEW CULVERTS

NOTES:

WHEN PRECAST CONCRETE BOX CULVERTS ARE SPECIFIED ON THE PLANS, THEY WILL BE MEASURED BY THE FOOT. THE OVERALL LENGTH SHALL BE MEASURED OUT-TO-OUT OF THE PRECAST SEGMENTS ALONG THE CENTERLINE OF THE CULVERT. THE BOX CULVERT END SECTIONS WILL BE MEASURED AS EACH. CAST-IN-PLACE COLLARS WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PRECAST CONCRETE BOX CULVERT. SEE ARTICLE 540.08 OF THE STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2002.

THE TERM "BOX CULVERT END SECTION" AS USED HEREIN SHALL BE DEFINED AS EITHER PRECAST END SECTIONS OR CAST-IN-PLACE HEADWALLS AND WINGWALLS CONSTRUCTED AS SHOWN IN THE PLANS.

THROUGHOUT THESE PLANS, QUANTITIES SHOWN FOR CLASS SI CONCRETE AND REBARS TO BE USED IN COLLARS, HEADWALLS, WINGWALLS OR IMPROVED INLETS FOR PRECAST CONCRETE BOX CULVERTS ARE PROVIDED FOR INFORMATION AND BIDDING ONLY, AND SHALL NOT BE PAID FOR SEPERATELY.

REVISIONS

DRAWN	8-14-90	REVISED	8-16-94
REVISED	7-19-91	RESIZED	5-6-08
REVISED	3-11-92		
REVISED	12-9-92		

STD. 9-81

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAY LIMITS BOX CULVERT DETAIL

SCALE: | SHEET 7 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	63
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

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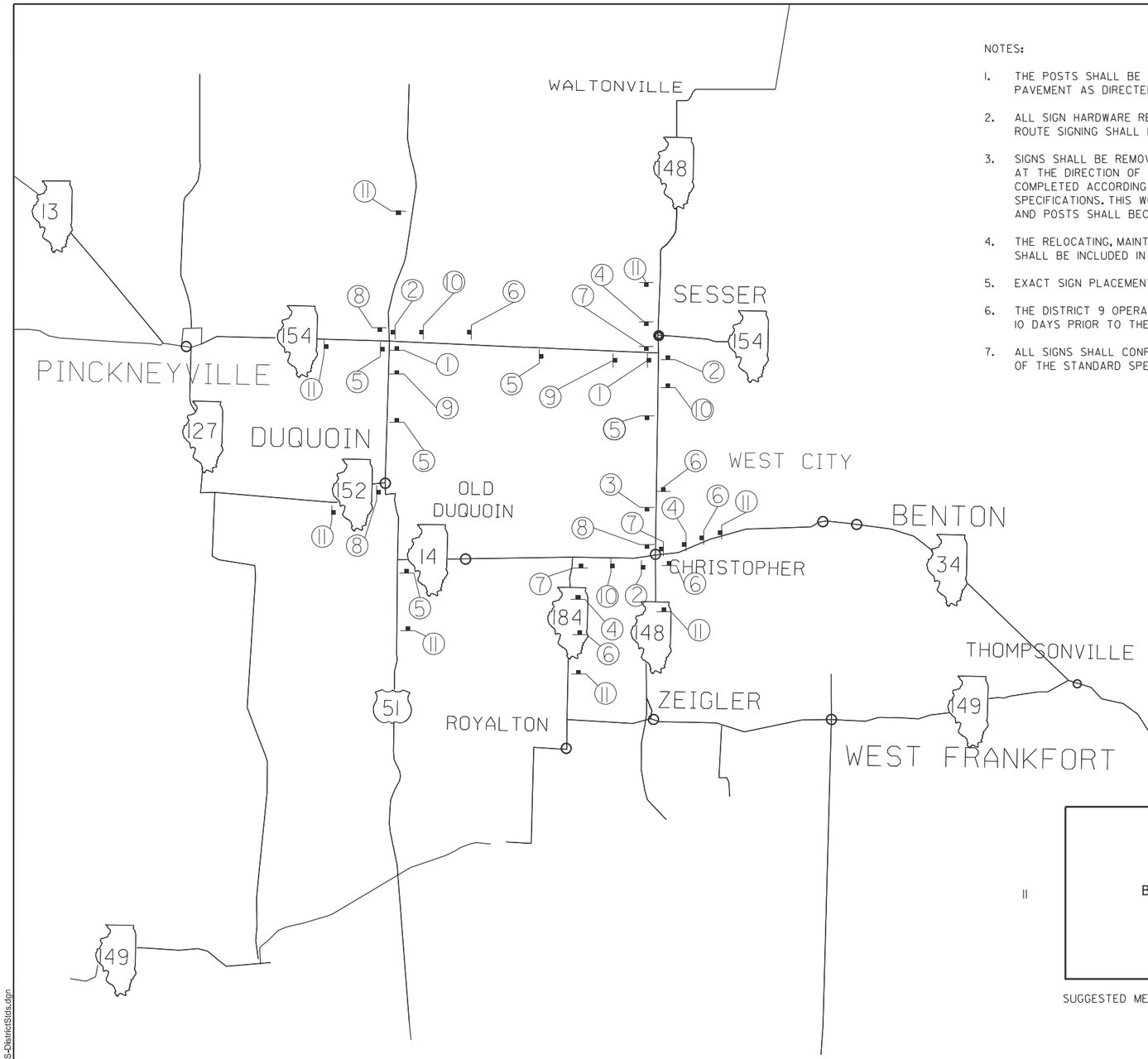
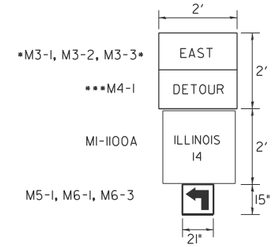


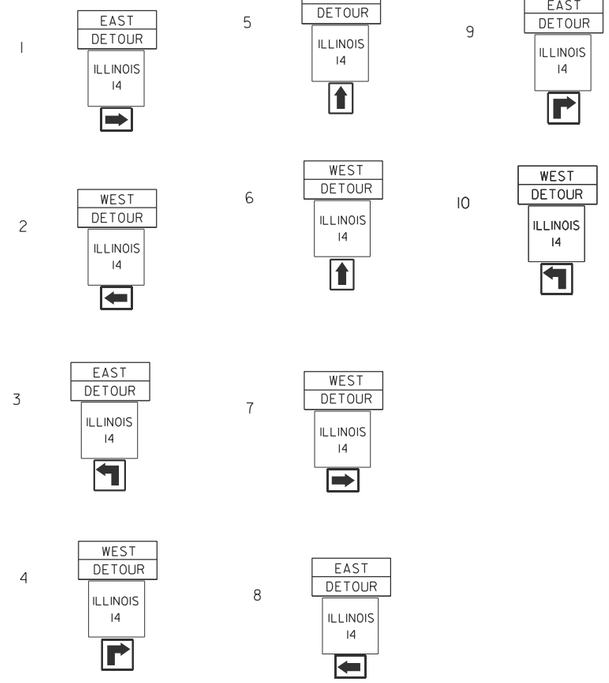
NOTES:

1. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
2. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN THE COST OF DETOUR SIGNING.
3. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
4. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE INCLUDED IN THE COST OF DETOUR SIGNING.
5. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
6. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.
7. ALL SIGNS SHALL CONFORM TO THE MUTCD AND SECTION 1106 OF THE STANDARD SPECIFICATIONS.

3 PROPOSED SIGN

SIGN DETAIL





11

IL 14 CLOSED

BETWEEN US 51 & IL 184

USE DETOUR

SUGGESTED MESSAGE FOR CHANGEABLE MESSAGE BOARD

DETOUR SIGNS		
SIGN TYPE	DESCRIPTION	QTY
M3-2	EAST	12
M3-4	WEST	15
M4-8	DETOUR	27
M1-5	IL 14	27
M5-1	RIGHT TURN ARROW	4
M5-1	LEFT TURN ARROW	3
M6-3	STRAIGHT ARROW	9
M6-1	RIGHT/LEFT ARROW	11

MODEL: Untitled-4 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/15/2025	DATE -	REVISED -	

DETOUR ROUTE SIGNING SHEET

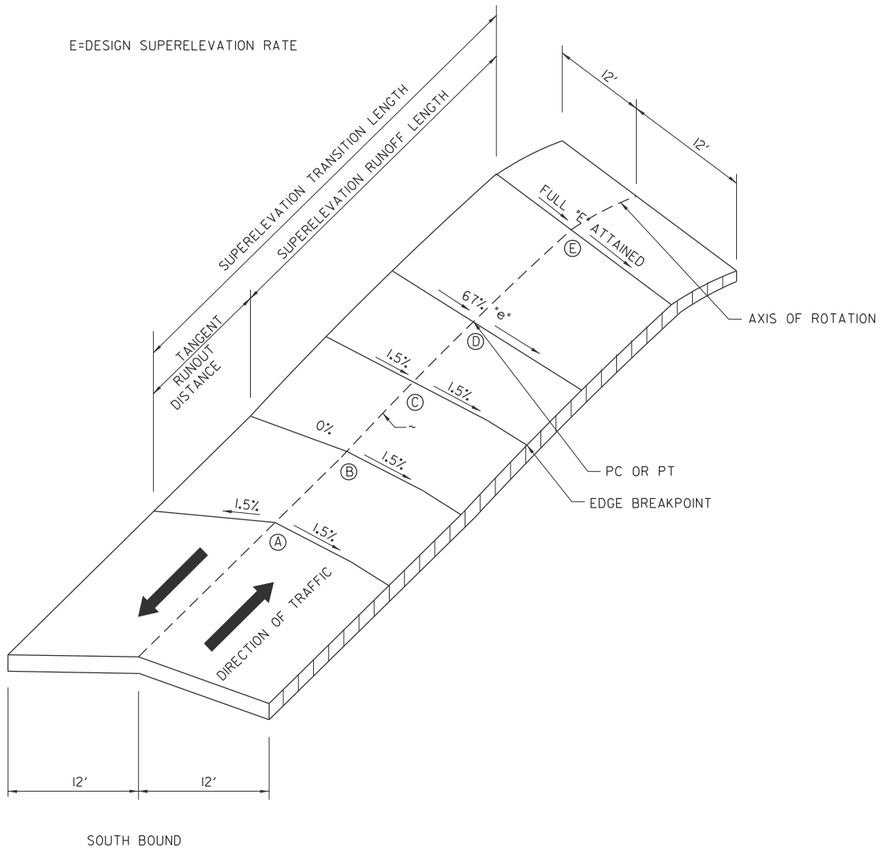
SCALE: SHEET 8 OF 21 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	64

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT

SUPERELEVATION RATES DETAIL AND TABLE



NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD.

CURVE NAME	FULL SUPER RATE "E"	STA. A	STA. B	STA. C	STA. D	STA. E
CURVE #1						
ATTAIN	2.8%	77+24.82	77+65.00	78+05.18	78+16.51 [PC]	78+40.00

MODEL: Untitled-5 [Sheet]
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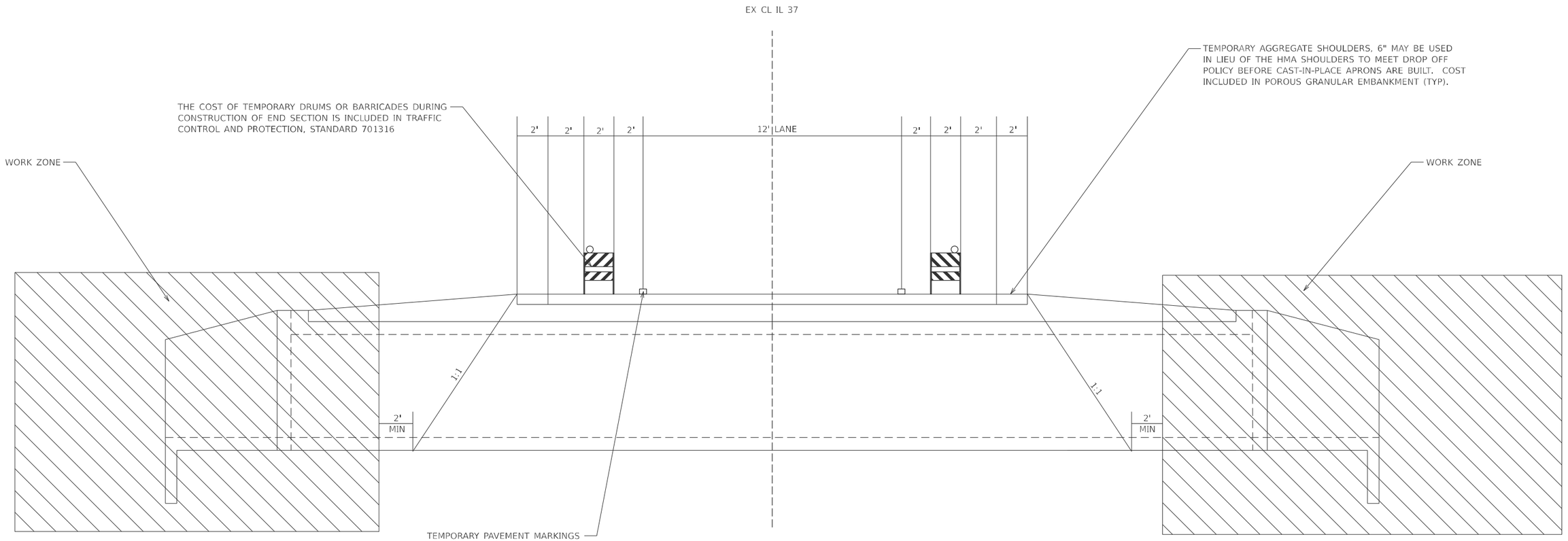
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION RATES

SCALE: | SHEET 9 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	65
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



BOX CULVERT END SECTION CONSTRUCTION WITH TRAFFIC

ELEVATION VIEW - UTILIZE HIGHWAY STANDARD 701316 FOR TRAFFIC CONTROL
SEE STRUCTURE SHEETS FOR ADDITIONAL INFORMATION AND DIMENSIONS

MODEL: Untitled-5 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/13/2025	DATE -	REVISED -	

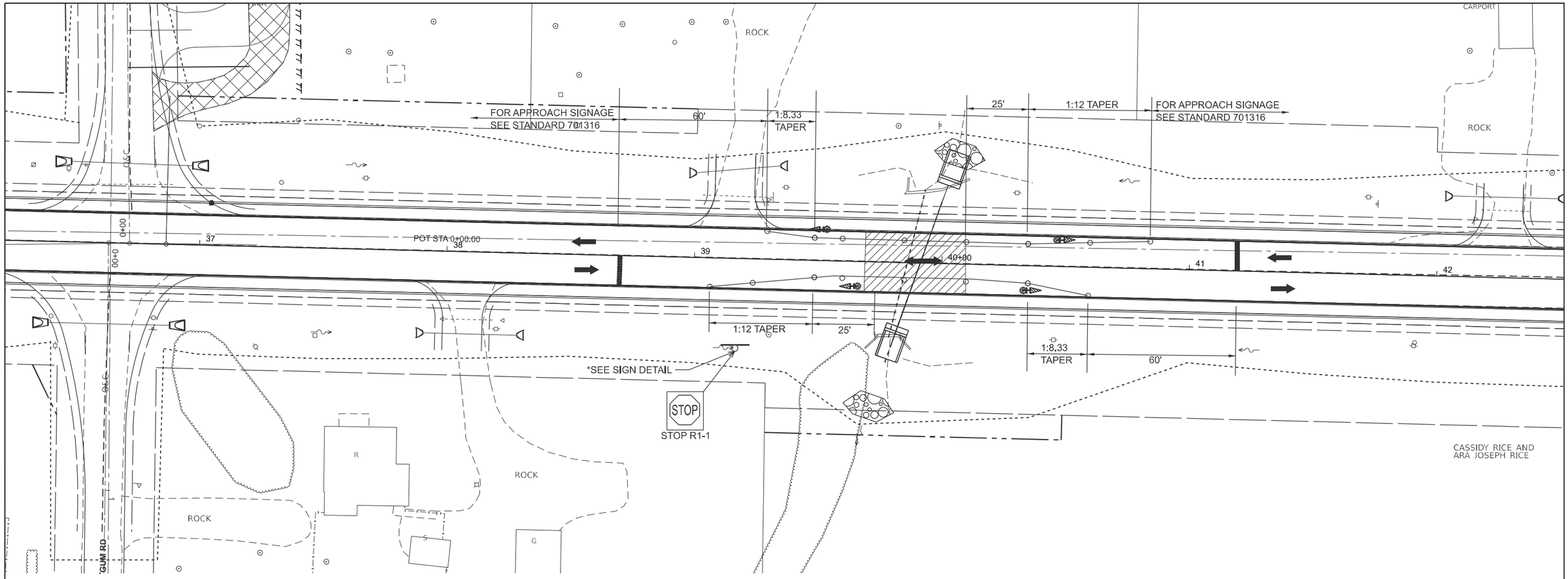
MOT TYPICAL
SN 075-7092

SCALE: | SHEET 10 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	66

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



NOTES FOR PRIVATE DRIVE SIGNS

THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIGN ACROSS FROM THE PRIVATE DRIVE AT THE LOCATION DETAILED ABOVE.

*SEE ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS DETAIL

NOTES FOR TRAFFIC CONTROL & PROTECTION STANDARD 701316

(ALL ITEMS BELOW SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE, EACH FOR TRAFFIC CONTROL AND PROTECTION, STD. 701316, NO OTHER COMPENSATION WILL BE ALLOWED.)

1. ALL SIGNAGE AS SHOWN ON THE HIGHWAY STANDARD AND ADDITIONAL SIGNAGE SHOWN ON THE DETAIL ABOVE. THE NOTED WORK SHALL INCLUDE SIGNS, POSTS, HARDWARE AND LABOR. THE CONTRACTOR SHALL ERECT THE SIGNS AT THE LOCATIONS DETAILED ABOVE AND AT LOCATIONS DIRECTED BY THE ENGINEER.

2. PER ARTICLE 703.07, WHEN TEMPORARY PAVEMENT MARKING IS SHOWN ON THE STANDARD AND DETAIL ABOVE, THE COST OF TEMPORARY PAVEMENT MARKING AND ITS REMOVAL WILL BE INCLUDED IN THE COST OF THE STANDARD.

3. ALL TEMPORARY DRUMS OR BARRICADES SHOWN ON THE HIGHWAY STANDARD AND AS SHOWN ON THE DETAIL ABOVE.

4. ALL SIGNAGE SHOWN ON THIS DETAIL WILL BE INCLUDED IN THE COST OF THE STANDARD.

SYMBOLS

- DRUM
- TRAFFIC SIGNAL
- SIGN

MODEL: Untitled-6 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-SmH-Staging.dgn

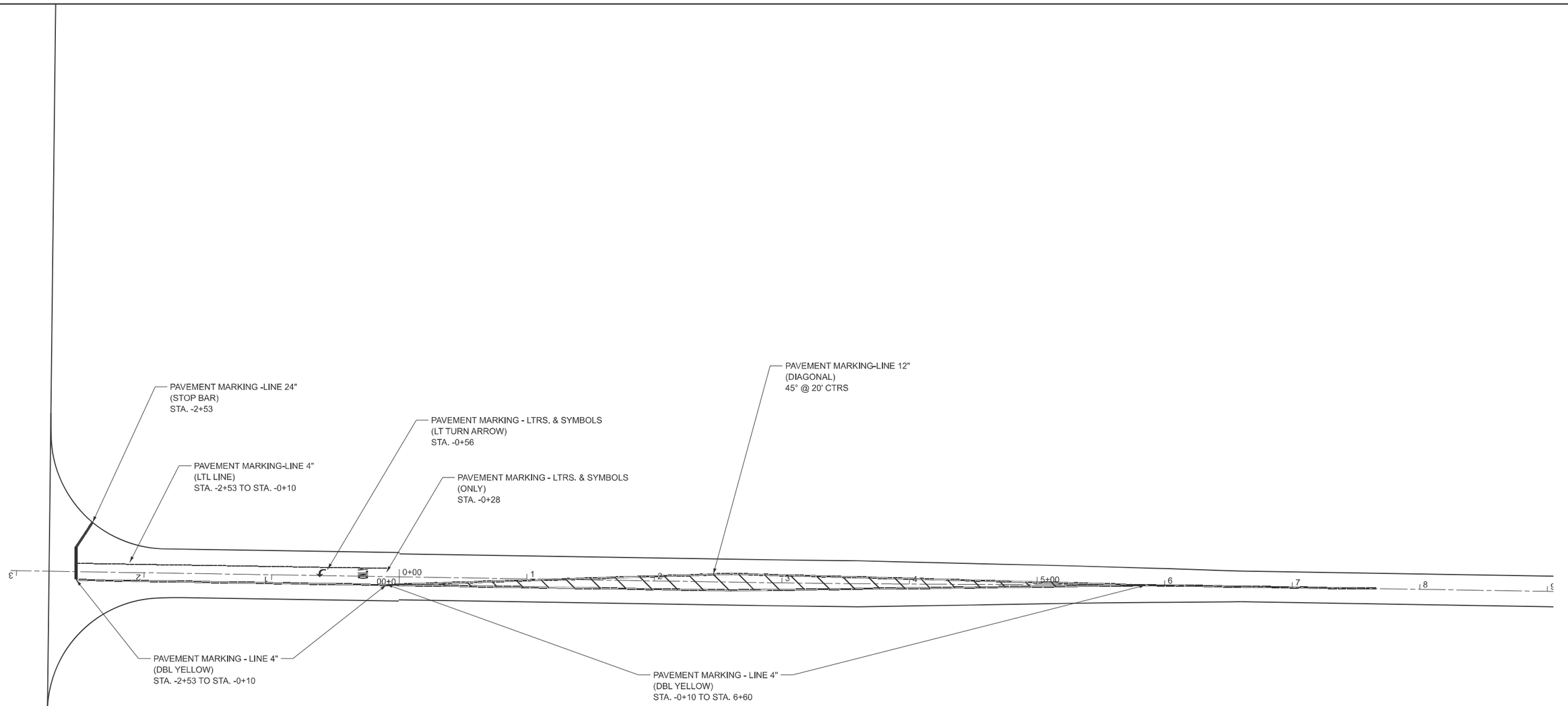
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING SHEET
SN 073-7092

SCALE: | SHEET 11 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	67
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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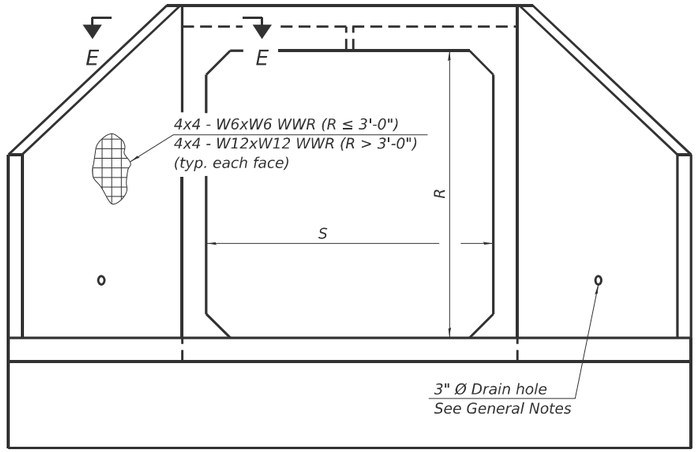
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

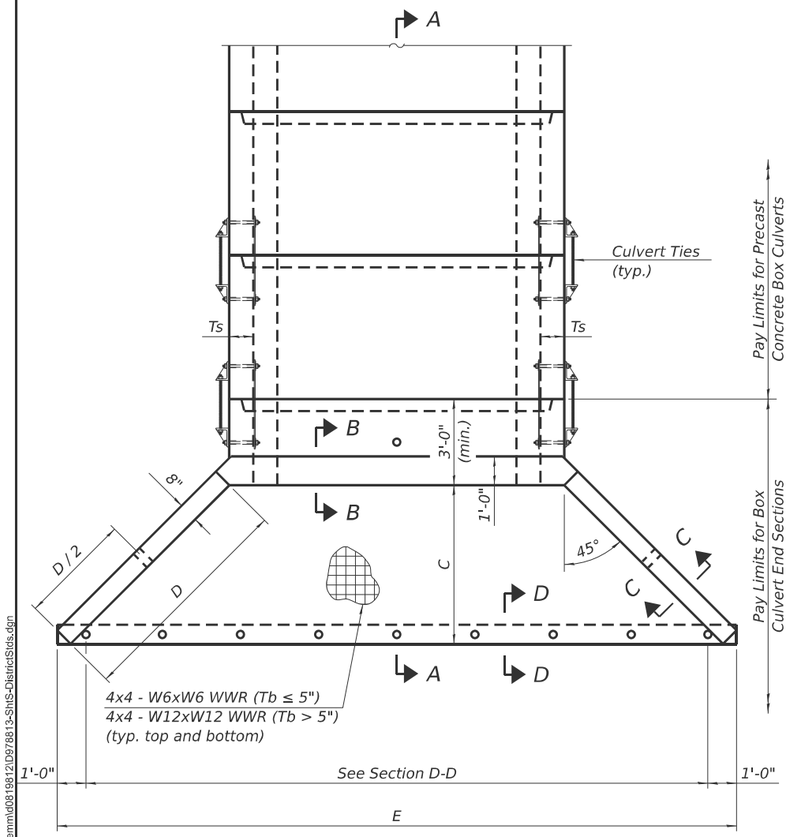
PAVEMENT MARKING
DETAIL

SCALE: | SHEET 12 OF 21 SHEETS | STA. | TO STA.

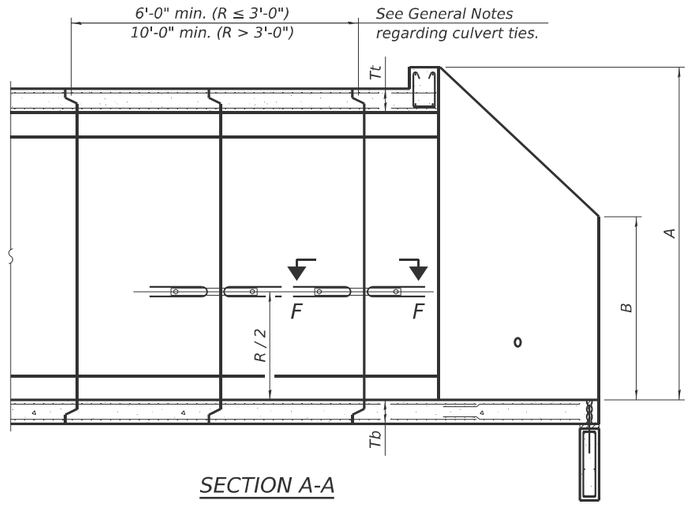
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	68
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



END VIEW



PLAN



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be ncreased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10⅝"	4'-1"	10'-4⅝"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7⅞"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10⅝"	5'-6"	12-4⅝"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7⅞"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4½"	2'-2½"	2'-11⅜"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8½"	3'-10"	11'-2⅜"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4½"	2'-8½"	3'-11⅜"	5'-7"	13'-8⅛"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8½"	5'-3"	13'-2⅜"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4½"	3'-2½"	4'-11⅜"	7'-0"	15'-8⅛"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8⅝"	6'-8"	15'-2½"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11⅜"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7¼"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11⅜	5'-7"	14'-10⅛"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7¼"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11⅜"	7'-0"	16'-10⅛"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9¼"	6'-9"	16'-5⅞"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11⅜"	8'-5"	18'-10⅛"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9¼"	8'-2"	18'-5⅞"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11⅜"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10⅝"	4'-1"	13'-10⅝"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11⅜"	5'-7"	16'-0⅛"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10⅝"	5'-6"	15'-10⅝"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11⅜"	7'-0"	18'-0⅛"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10¾"	6'-11"	17'-10¾"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11⅜"	8'-5"	20'-0⅛"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10¾"	8'-4"	19'-10¾"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11½"	9'-10"	22'-0¼"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10¾"	9'-9"	21'-10¾"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	17'-2⅛"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	19'-2⅛"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	21'-2⅛"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	23'-2¼"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	18'-2⅛"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	20'-2⅛"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	22'-2⅛"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	24'-2¼"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0¾"	4'-4"	17'-6⅞"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0¾"	5'-9"	19'-6⅞"	7.5	Yes
9'-0"	4'-0"	9'	9"	9"	5'-6"	3'-3"	5'-0¾"	7'-2"	21'-6⅞"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0⅞"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0⅛"	9'-11"	25'-5⅝"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1½"	4'-5"	18'-10¼"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1½"	5'-10"	20'-10¼"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1½"	7'-3"	22'-10⅜"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1½"	8'-8"	24'-10⅜"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1½"	10'-1"	26'-10⅜"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2⅞"	4'-7"	20'-3⅛"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2⅞"	6'-0"	22'-3⅛"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2¼"	7'-4"	24'-1¾"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2¼"	8'-9"	26'-1¾"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2¼"	10'-2"	28'-1⅞"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3⅝"	4'-8"	21'-6½"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3⅝"	6'-1"	23'-6½"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3⅝"	7'-6"	25'-6⅝"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3⅝"	8'-11"	27'-6⅝"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3⅝"	10'-4"	29'-6⅝"	17.4	Yes

Note:
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)

SCB-AES

5-15-2023

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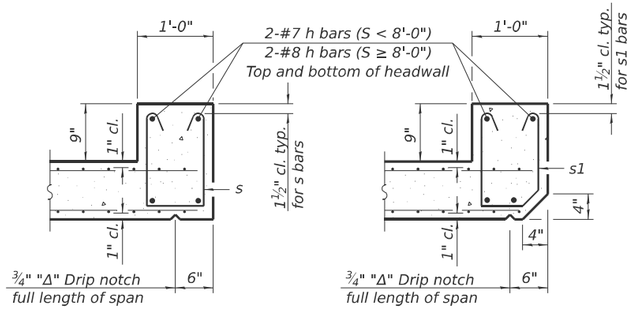
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS

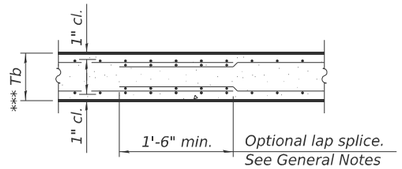
SCALE: | SHEET 13 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	69
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



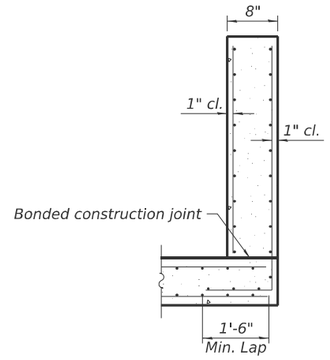
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

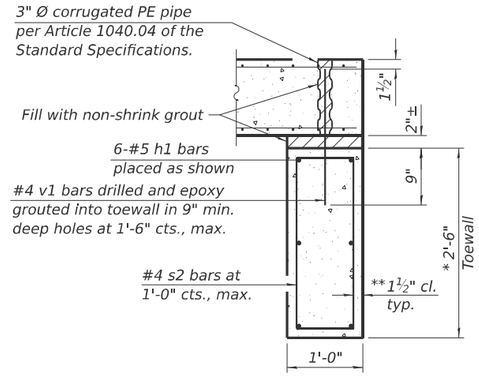


SECTION B-B
(Bottom Slab)

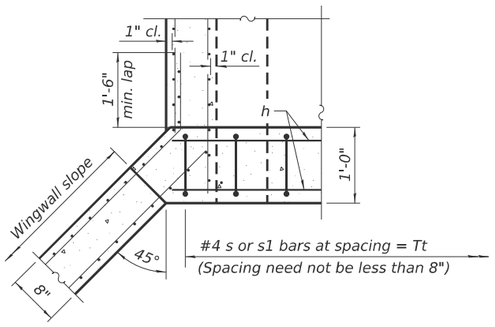
*** This dimension shall be increased by 2" for CIP construction.



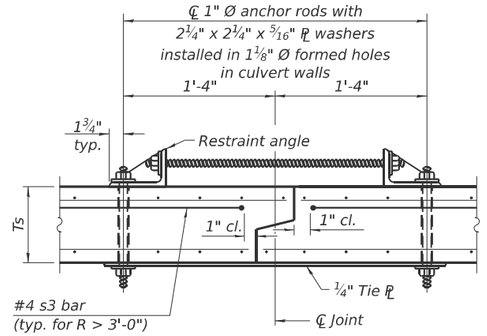
SECTION C-C



SECTION D-D



SECTION E-E



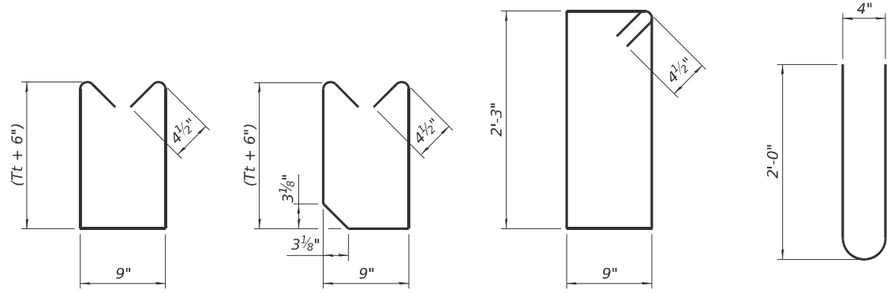
SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

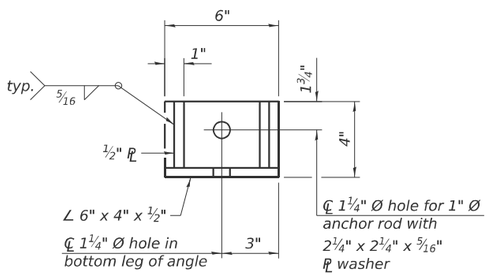


BAR s

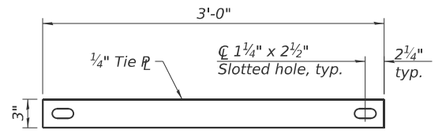
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

Notes:

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼"x2¼"x5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

SCB-AES

5-15-2023

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USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS

SCALE: | SHEET 14 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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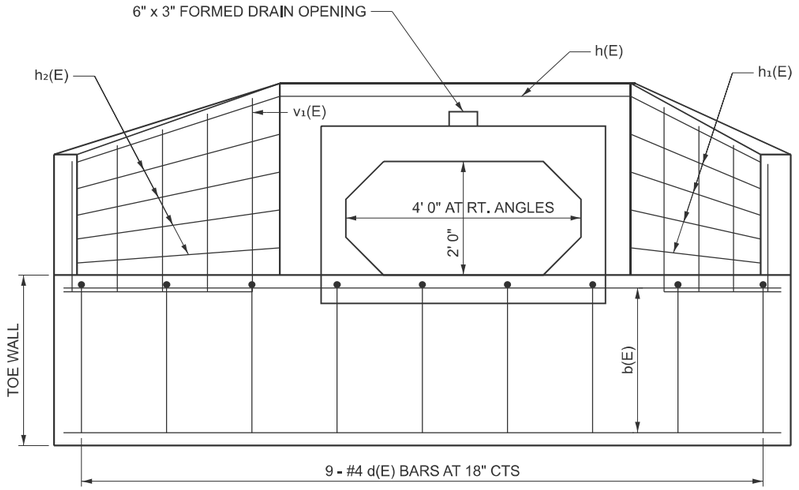
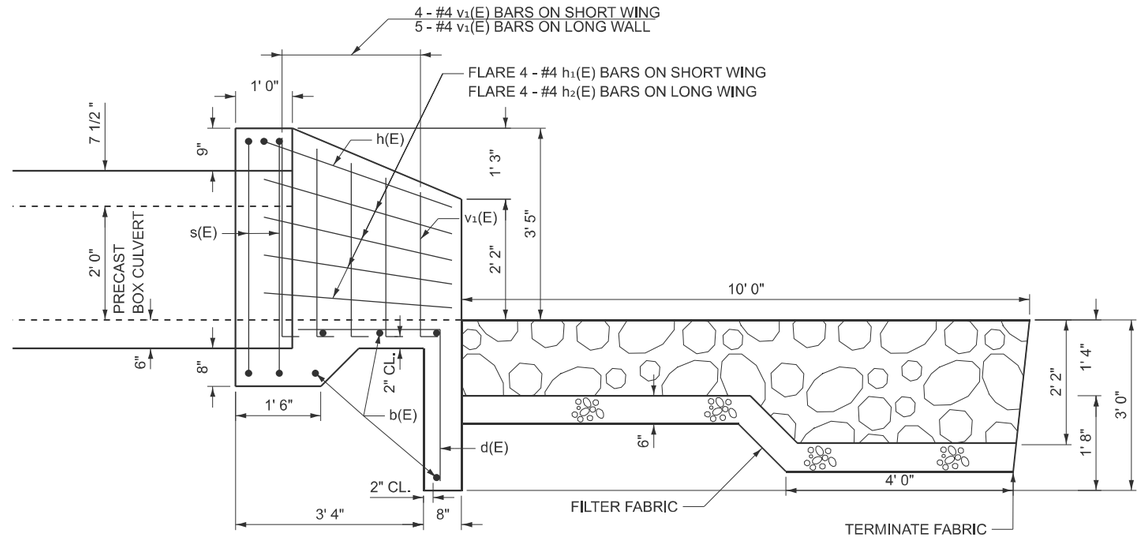
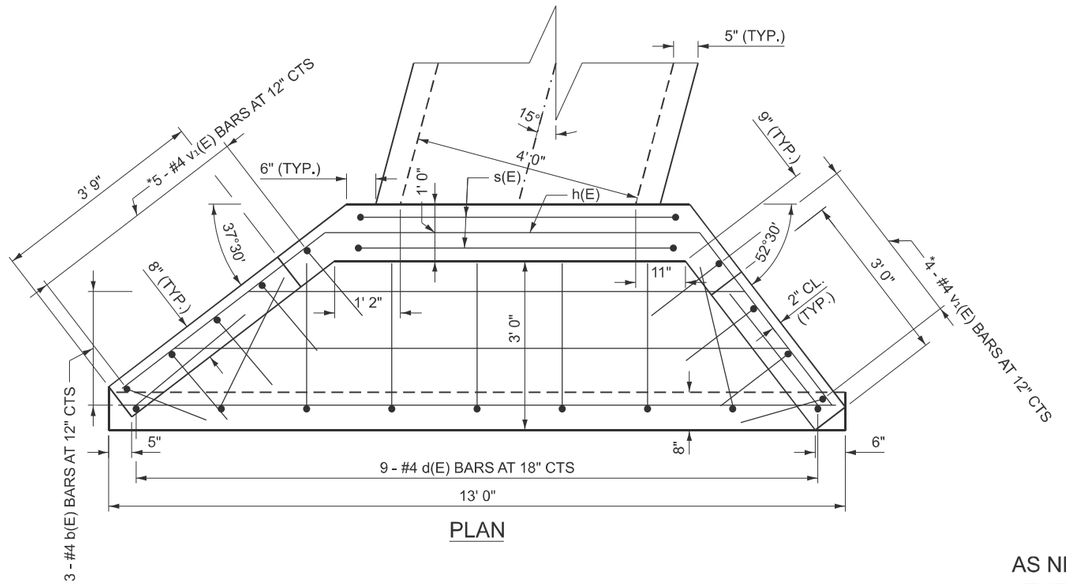
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



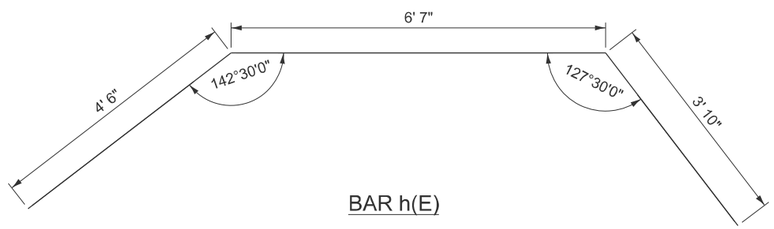
END ELEVATION



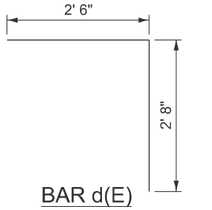
HALF SIDE ELEVATION



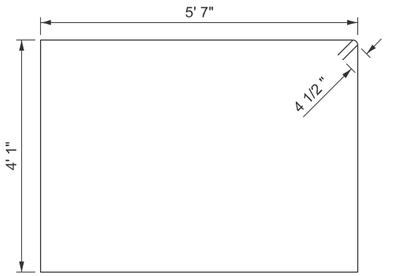
PLAN



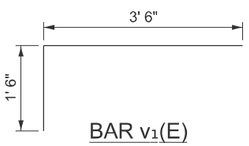
BAR h(E)



BAR d(E)



BAR s(E)



BAR v₁(E)

BILL OF MATERIAL - 2 APRONS

BAR	NO.	SIZE	LENGTH	SHAPE
b(E)	10	# 4	12' 8"	
d(E)	18	# 4	5' 2"	
h(E)	2	# 4	14' 11"	
h_1(E)	8	# 4	3' 10"	
h_2(E)	8	# 4	4' 6"	
s(E)	4	# 4	20' 1"	
v_1(E)	18	# 4	5' 0"	
CONCRETE BOX CULVERTS			CU. YD.	4.7
REINFORCEMENT BARS, EPOXY COATED			POUND	330

FOR INFORMATION ONLY
AS NEEDED FOR THE FABRICATION OF
THE PRECAST APRON END SECTION

DESIGN STRESSES
fy = 60,000 PSI
fc' = 3,500 PSI

* REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED
CUT OR BENT TO FIT
REINFORCEMENT BARS SHALL CONFORM TO REQUIREMENTS OF ASTM A 706
EXPOSED EDGES SHALL BE BEVELED 3/4"

MODEL: Apron End Section Details [Sheet]
FILE NAME: c:\pw_work\pwdot\colemm\d0819812\D978813-Sht\R-Culvert_Details.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

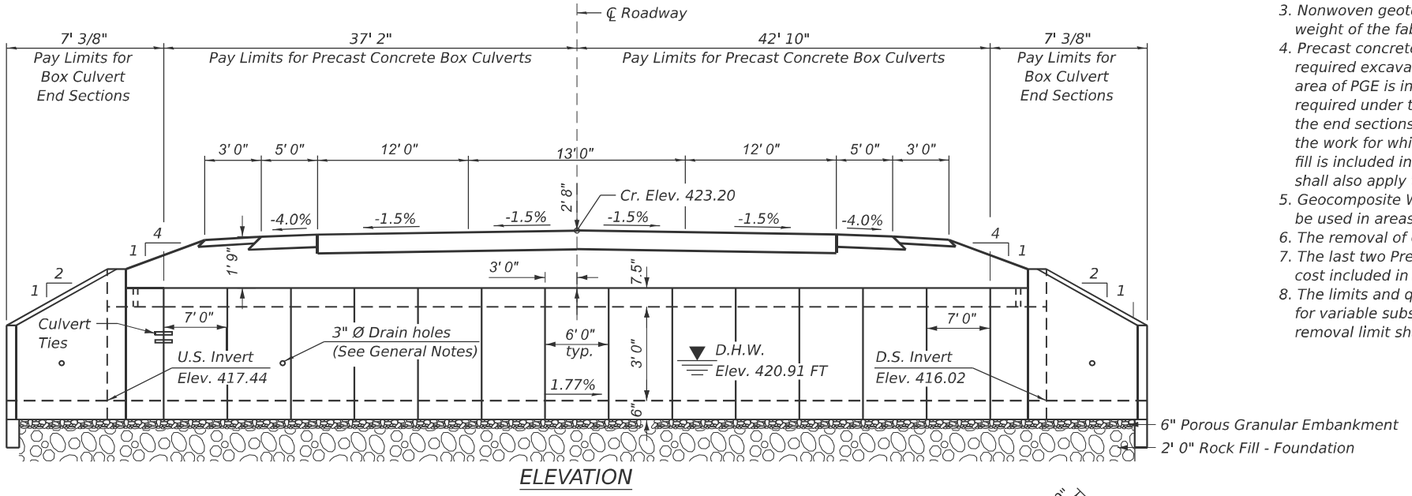
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APRON END SECTION DETAILS
STA. 28+15.17

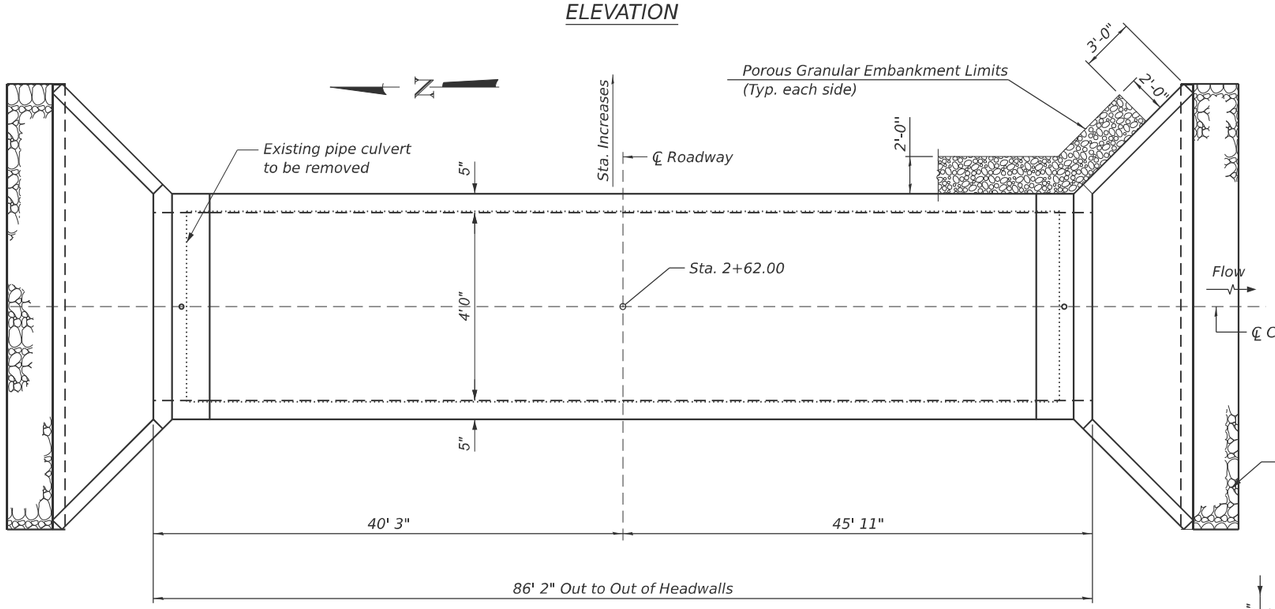
SCALE: | SHEET 15 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	71
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

Existing Structure: The existing structure is an elliptical 49" x 32" pipe culvert.



ELEVATION



PLAN

HYDRAULIC DATA

Drainage Area = 1.0 AC
Design Waterway Opening = 12 SF
Design Discharge = 65.54 CFS
Design Headwater Elevation = 420.91 FT
100 Year Discharge = 74.22 CFS
100 Year Headwater Elevation = 421.28 FT

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

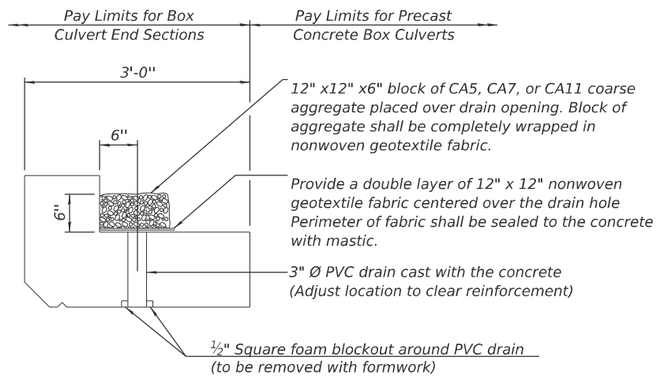
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

LOADING HL-93

Allow 50 #/sq. ft. for future wearing surface

GENERAL NOTES

1. *The design fill height for this box is 2.67 ft The precast box culvert sections shall conform to the requirements of ASTM C 1577.*
2. *Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, andshall conform to the requirements of Article 503.11 of the Standard Specification.*
3. *Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.*
4. *Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layerof porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in Rock Fill - Foundation payitem. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.*
5. *Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.*
6. *The removal of existing pipe culvert is to be included in the cost of Pipe Culvert Removal.*
7. *The last two Precast Barrel Sections at each end shall be tied together using culvert ties as shown on the culvert details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.*
8. *The limits and quantities of removal and replacement shown may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.*

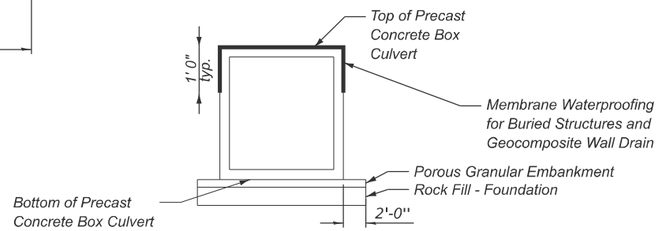


DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
POROUS GRANULAR EMBANKMENT	CU YD	108
PIPE CULVERT REMOVAL	FOOT	80
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	61
BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
PRECAST CONCRETE BOX CULVERTS 4' X 3'	FOOT	80
GEOCOMPOSITE WALL DRAIN	SQ YD	61
MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	61
ROCK FILL - FOUNDATION	TON	75



PAY LIMITS FOR MEMBRANE WATERPROOFING FOR BURIED STRUCTURES AND GEOCOMPOSITE WALL DRAIN

GENERAL PLAN AND ELEVATION
IL-14 OVER DITCH
F.A.P. RTE. 869 SEC. 1,1-1(RS-5)
PERRY COUNTY
STATION 2+62.00

MODEL: 4x3 2+62 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

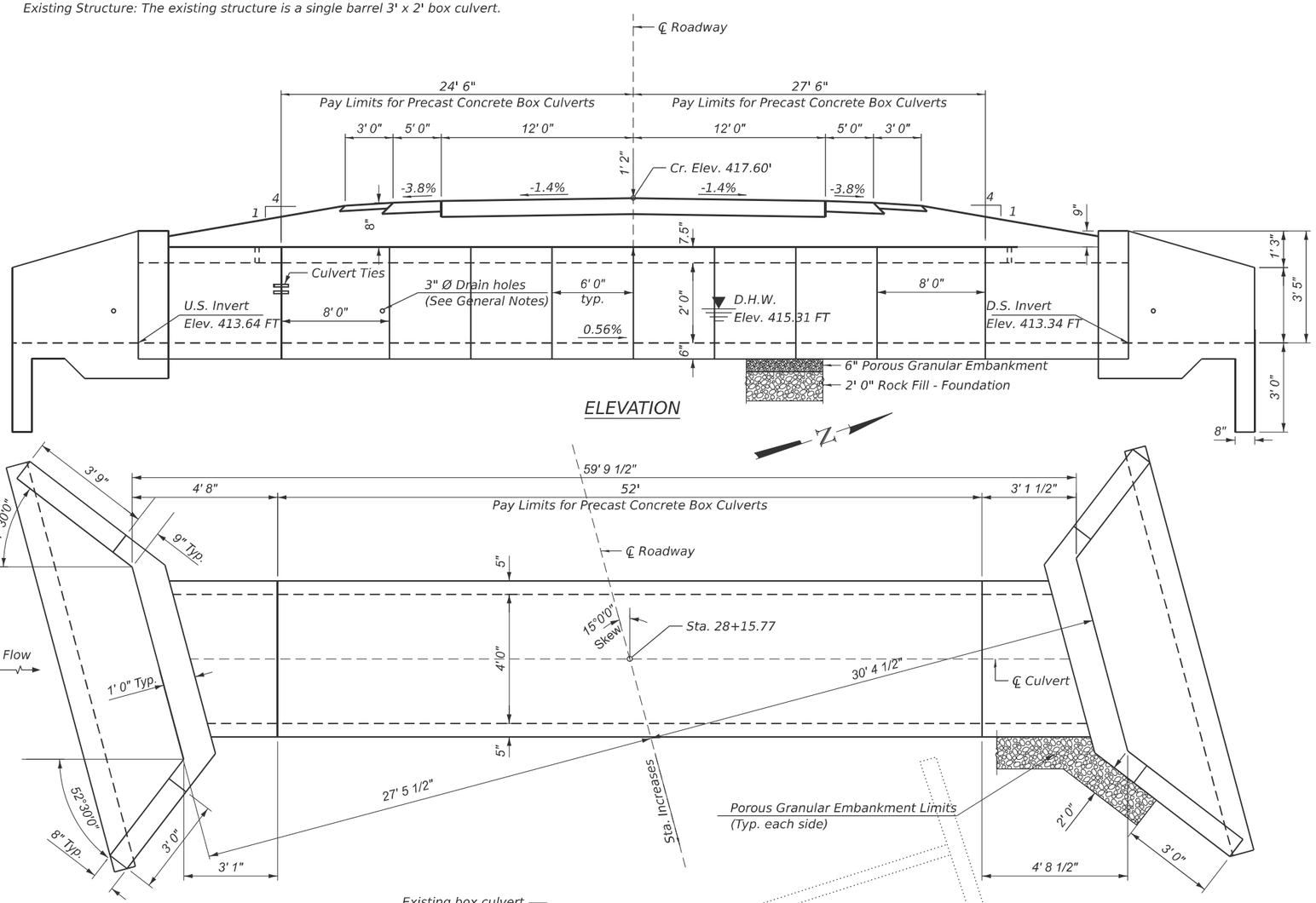
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STA. 2+62

SCALE: | SHEET 16 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	72
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	

Existing Structure: The existing structure is a single barrel 3' x 2' box culvert.

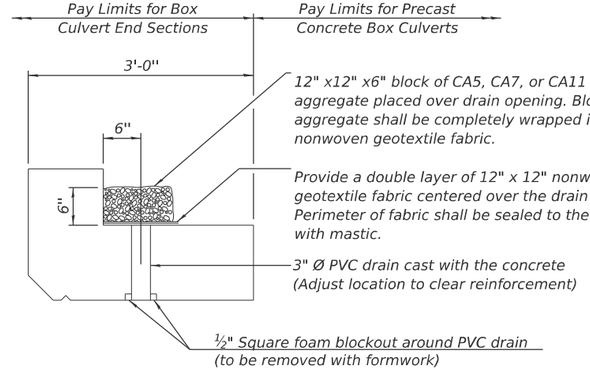


ELEVATION

Existing box culvert to be removed

GENERAL NOTES

1. The design fill height for this box is 1.17 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, andshall conform to the requirements of Article 503.11 of the Standard Specification.
3. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
4. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layerof porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in Rock Fill - Foundation payitem. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
5. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.
6. The removal of existing box culvert, headwalls and wingwalls is included in the cost of Removal of Existing Structures.
7. The last two Precast Barrel Sections at each end shall be tied together using culvert ties as shown on the culvert details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.
8. The limits and quantities of removal and replacement shown may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
POROUS GRANULAR EMBANKMENT	CU YD	86
REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	41
BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2
PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	52
GEOCOMPOSITE WALL DRAIN	SQ YD	41
MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	41
ROCK FILL - FOUNDATION	TON	50

HYDRAULIC DATA

Drainage Area = 4.0 AC
Design Waterway Opening = 8 SF
Design Discharge = 22.29 CFS
Design Headwater Elevation = 415.31 FT
100 Year Discharge = 25.71 CFS
100 Year Headwater Elevation = 415.47 FT

LOADING HL-93

Allow 50 #/sq. ft. for future wearing surface

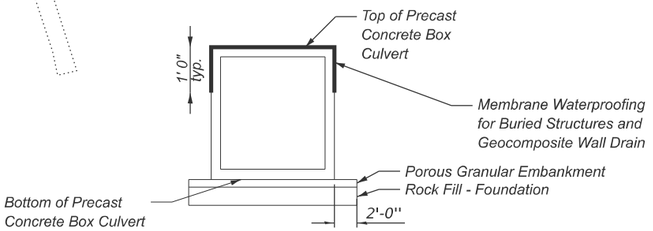
DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)



PAY LIMITS FOR MEMBRANE WATERPROOFING FOR BURIED STRUCTURES AND GEOCOMPOSITE WALL DRAIN

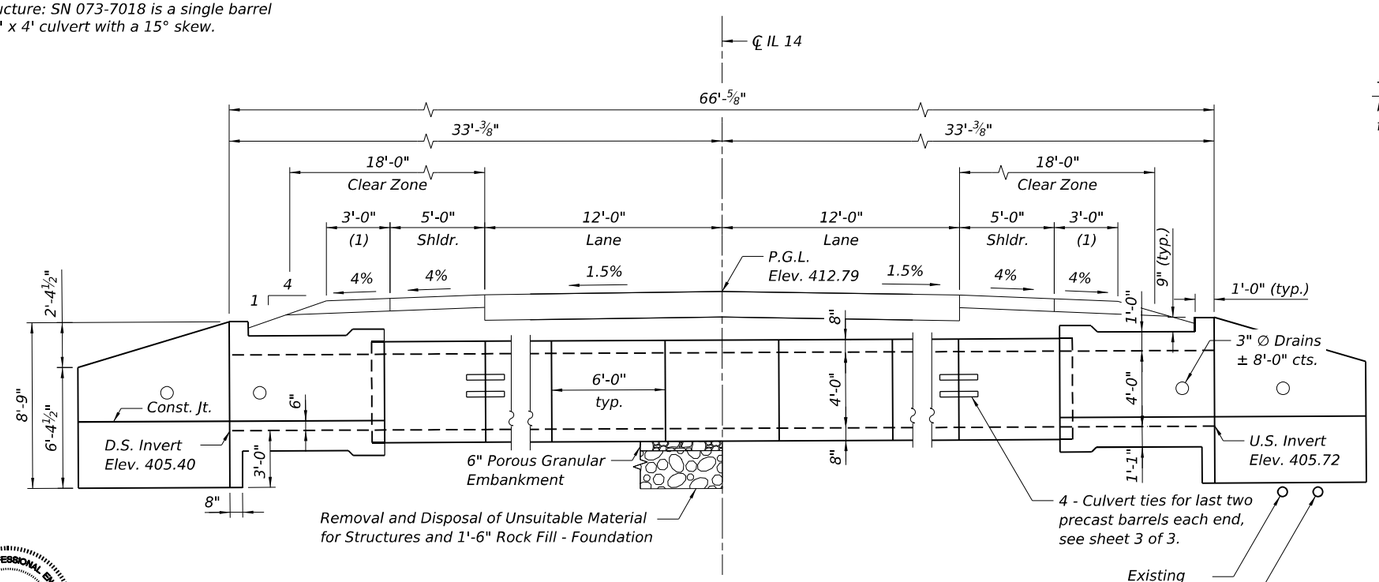
GENERAL PLAN AND ELEVATION IL-14 OVER DITCH F.A.P. RTE. 869 SEC. 1,1-1(RS-5) PERRY COUNTY STATION 28+15.77

USER NAME = nishan.lama	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	GENERAL PLAN AND ELEVATION STA. 28+15.77
	CHECKED -	REVISED -	
PLOT DATE = 8/11/2025	DATE -	REVISED -	SCALE: SHEET 17 OF 21 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	73
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		

MODEL: 4x2 28+15.77 [Sheet]
FILE NAME: c:\pw_work\pwidot\cdiemmd0819812\D978813-SheR-Culvert_Details.dgn

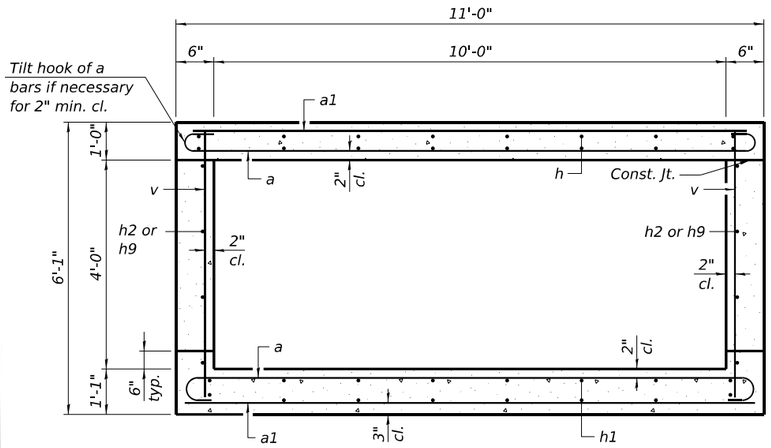
Existing Structure: SN 073-7018 is a single barrel reinforced 8' x 4' culvert with a 15° skew.



LONGITUDINAL SECTION

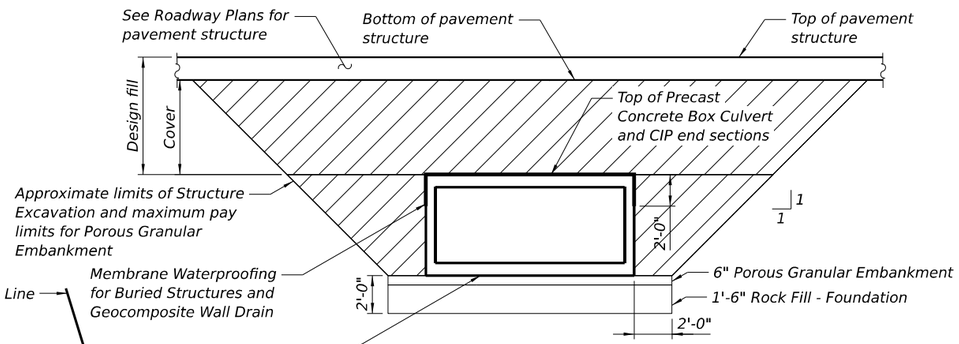
(Horizontal dimensions at Rt. ∠'s to ℄ Roadway)

(1) Aggregate Shoulder



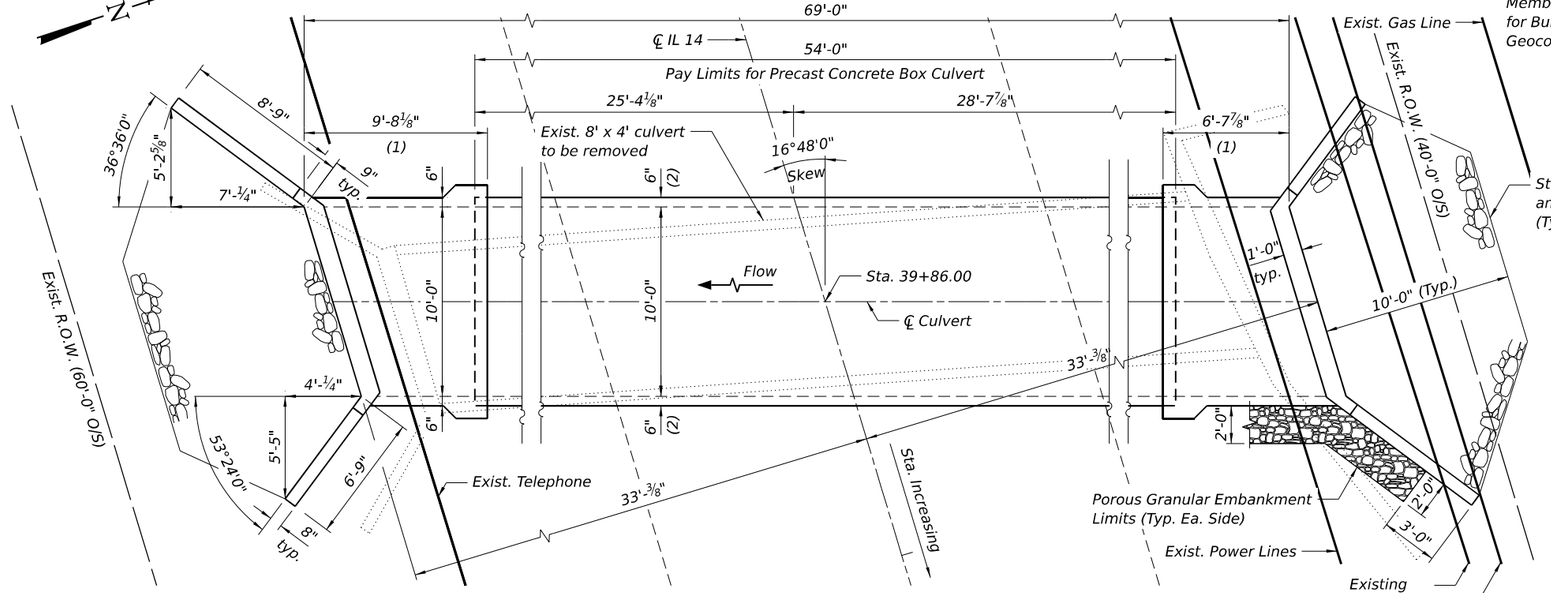
SECTION THRU BARREL

(Cast-in-Place End Section)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)



PLAN

(1) Pay Limits for Concrete Box Culverts
(2) See Note 6 on Sheet 2 of 3.

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications, 10th Edition.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi

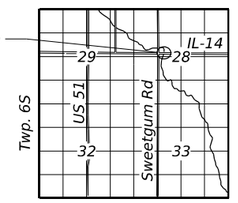
PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinf.)

HYDRAULIC DATA

Drainage Area	= 343.1 acres
Design Waterway Opening	= 40.0 sq. ft.
Design Discharge	= 276.52 cfs
Design Headwater Elevation	= 410.73 ft
100 Year Discharge	= 301.66 cfs
100 Year Headwater Elevation	= 411.11 ft

Range 1W, 3rd P.M.



LOCATION SKETCH

LOADING HL-93

Allow 50 #/sq. ft. for future wearing surface

"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed."

LICENSED PROFESSIONAL ENGINEER
DEREK A. COCHRAN
062-072558
STATE OF ILLINOIS

8/6/2025

Exp. Date 11/30/2025

GENERAL PLAN AND ELEVATION
IL-14 OVER CREEK
F.A.P. RTE. 869 SEC. 1,1-1(RS-5)
PERRY COUNTY
STATION 39+86.00
STRUCTURE NO. 073-7092

USER NAME = dcochran	DESIGNED - DWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 073-7092
	DRAWN - DWH	REVISED -		
	CHECKED - DAC	REVISED -		
PLOT DATE = 8/6/2025	DATE - 08/06/2025	REVISED -		SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1 (RS-5)	PERRY	201	74
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	

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MODEL: Gen Plan + Elev [Sheet]
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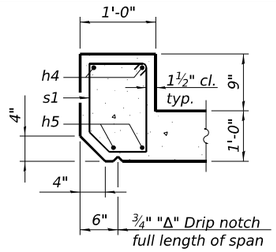
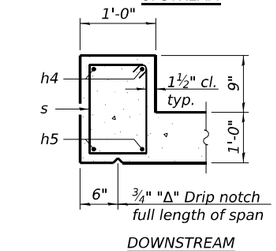
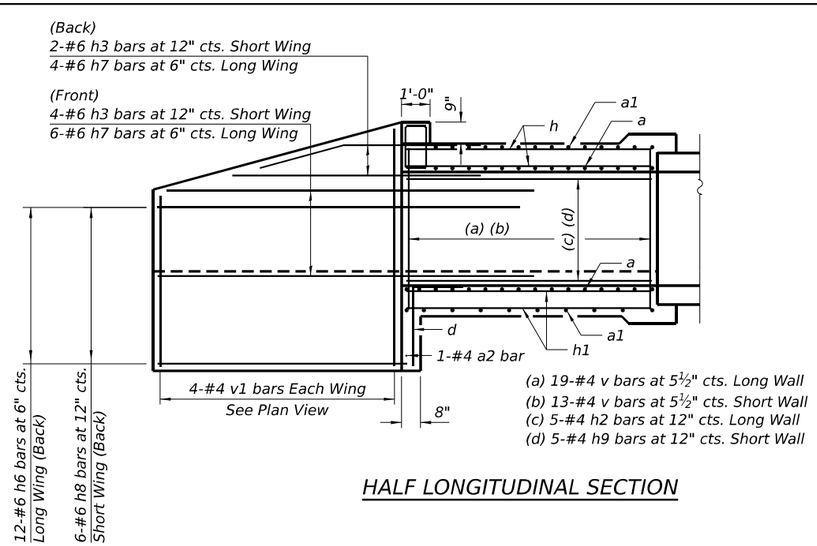


UPSTREAM



DOWNSTREAM

SECTION THRU HEADWALL



(a) 19-#4 v bars at 5½" cts. Long Wall
(b) 13-#4 v bars at 5½" cts. Short Wall
(c) 5-#4 h2 bars at 12" cts. Long Wall
(d) 5-#4 h9 bars at 12" cts. Short Wall

HALF LONGITUDINAL SECTION

GENERAL NOTES

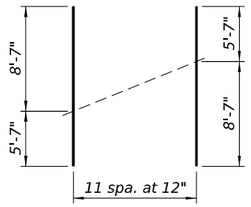
1. The design fill height for this box is 1'-11". The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
3. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of fabric shall be 6 ounces per square yard.
4. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The Rock Fill Foundation will be filled 2 ft. below the Porous Granular Material. This area of rock fill is included in the Rock Fill - Foundation pay item. The 2 ft. thick layer of rock fill required under the precast concrete box culvert shall also apply to the end sections.
5. See Roadway plans for full construction closure details.
6. Precast box culvert manufacturer to verify thickness of top slab, bottom slab, and sidewalls of precast section. Engineer to be notified if changes are necessary.
7. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.
8. The removal of the existing box culvert, headwalls, and wingwalls is included in Removal of Existing Structure No. 2.
9. The last two Precast Barrel Sections at each end shall be tied together using culvert ties as shown on sheet 3 of 3. Cost included in Precast Concrete Box culverts of the size specified in the plans.
10. The limits and quantities of removal and replacement shown may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field. The minimum Unconfined Compressive Stress of the layer below the removal limit shall be 1.0 tsf.
11. The cast-in-place end section shall be tied to the precast barrel at each end using expansion bolts spaced as shown on sheet 3 of 3. Expansion bolts shall be ¾" diameter hooked bolts bent in the field as needed, cost included in Precast Box Culverts of the size specified in the plans.
12. The Porous Granular Embankment shall be CA-7 or CA-11 and capped with 1'-0" minimum thickness CA-6 or CA-10 directly underneath the proposed concrete pavement. The outer 3'-0" of the culvert shall be backfilled with impervious material at each end.

(e) *4-#7 a bars at 7" cts. Bott. of Top Slab and Top of Bott. Slab
(f) *2-#6 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(g) 10-#7 a bars at 7" cts. Bott. of Top Slab and Top of Bott. Slab
(h) 6-#6 a1 bars at 12" cts. Top of Top Slab and Bott. of Bott. Slab
(i) 12-#6 h bars at 12" cts. Top & Bott. of Top Slab
(j) 12-#6 h1 bars at 12" cts. Top & Bott. of Bott. Slab

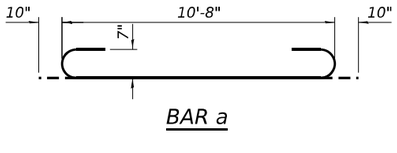
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	48	#7	12'-4"	
a1	28	#6	10'-8"	
a2	2	#4	11'-2"	
d	22	#4	4'-5"	
h	24	#6	14'-2"	
h1	24	#6	14'-2"	
h2	10	#4	8'-8"	
h3	12	#6	8'-0"	
h4	4	#6	10'-2"	
h5	4	#7	10'-2"	
h6	24	#6	12'-0"	
h7	20	#6	8'-0"	
h8	12	#6	9'-9"	
h9	10	#4	5'-6"	
s	11	#4	5'-3"	
s1	11	#4	5'-1"	
s2	8	#4	4'-3"	
v	68	#4	5'-8"	
v1	16	#4	8'-4"	
x	80	#4	6'-9"	
x1	12	#4	20'-10"	

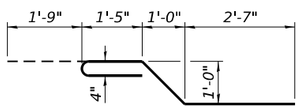
Porous Granular Embankment	Cu. Yd.	254
Stone Riprap, Class A4	Sq. Yd.	37
Filter Fabric	Sq. Yd.	37
Removal of Existing Structure No. 2	Each	1
Structure Excavation	Cu. Yd.	354
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	77
Reinforcement Bars	Pound	4,980
Concrete Box Culverts	Cu. Yd.	24.9
Precast Concrete Box Culverts 10' x 4'	Foot	54
Geocomposite Wall Drain	Sq. Yd.	115
Membrane Waterproofing System for Buried Structures	Sq. Yd.	115
Rock Fill - Foundation	Ton	85



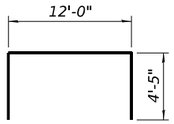
CUTTING DIAGRAM FOR h and h1 BARS



BAR a

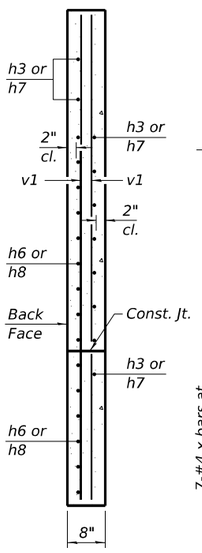


BAR x

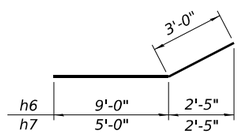


BAR x1

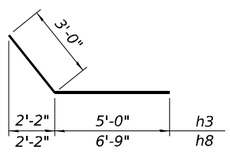
* a and a1 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.



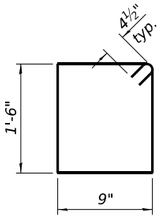
SECTION A-A



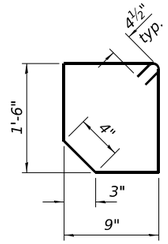
BARS h6 & h7



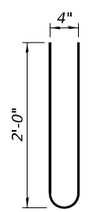
BARS h3 & h8



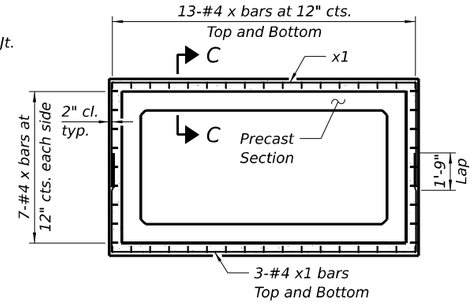
BAR s



BAR s1



BAR s2



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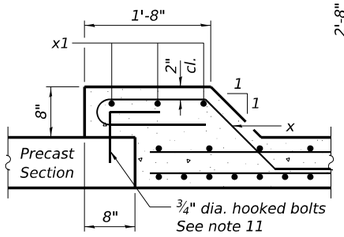
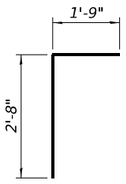
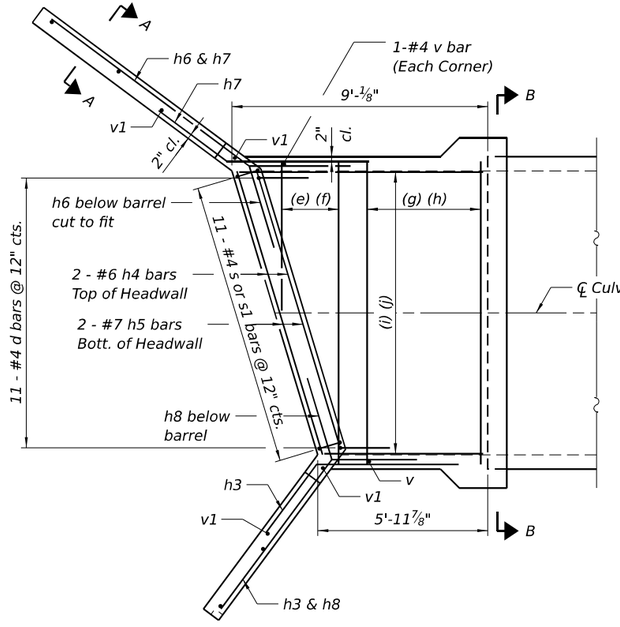


SECTION C-C



BAR d



PLAN

(South end shown, north end similar by 180° rotation)

MODEL: Culvert Details [Sheet]
FILE NAME: L:\IDOT22\006610-00\WO_15\78813\CADD Data\Bridge\CADD_Sheets\D9788113 -002 Culvert Details.dgn

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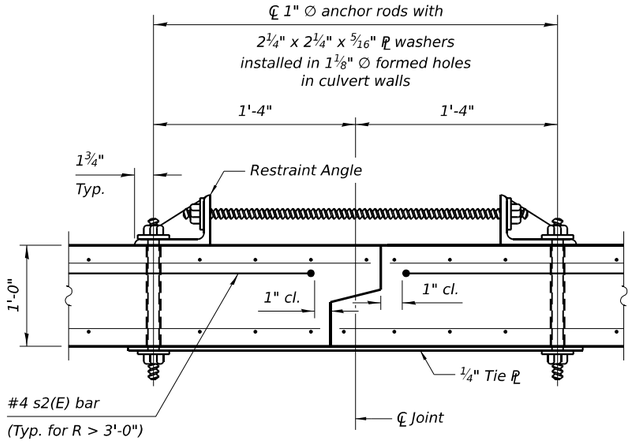
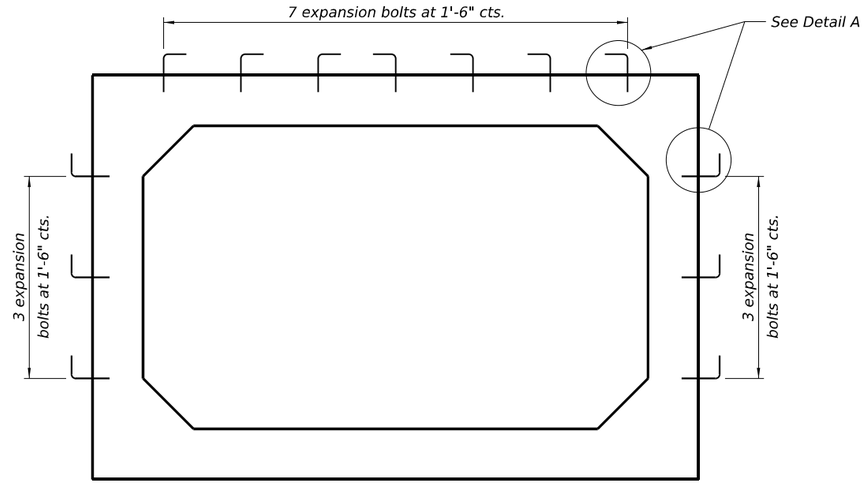
USER NAME = dcochran	DESIGNED - DWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DETAILS - I STRUCTURE NO. 073-7092
	DRAWN - DWH	REVISED -		
	CHECKED - DAC	REVISED -		
PLOT DATE = 8/6/2025	DATE - 08/06/2025	REVISED -		SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

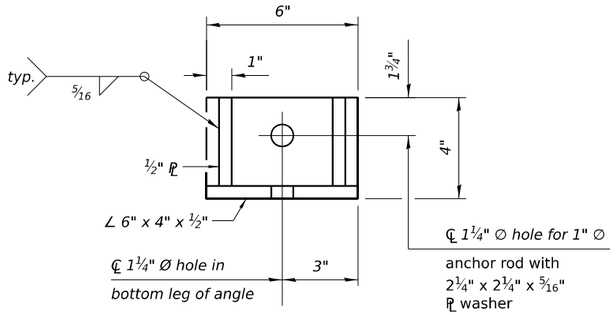
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1 (RS-5)	PERRY	201	75
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	



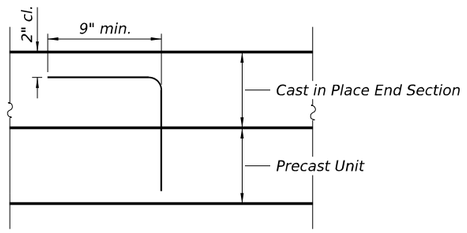
CULVERT TIE PLAN VIEW



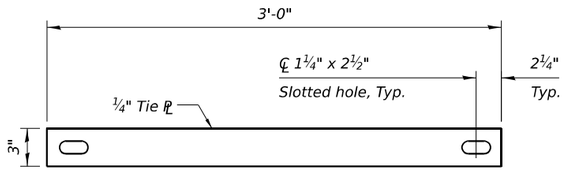
SECTION THRU CONNECTION COLLAR



RESTRAINT ANGLE DETAIL



DETAIL A



TIE PLATE DETAIL

Note:

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼"x2¼"x5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

MODEL: Misc Culvert Details [Sheet]
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	DRAWN - DWH	REVISED -	
	CHECKED - DAC	REVISED -	
PLOT DATE = 8/6/2025	DATE - 08/06/2025	REVISED -	

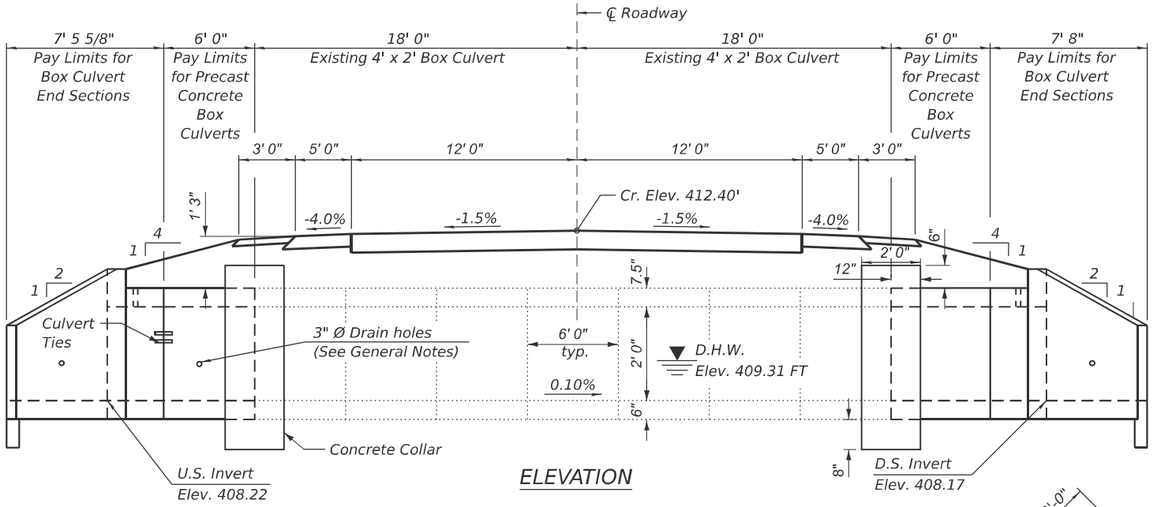
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS - II
STRUCTURE NO. 073-7092

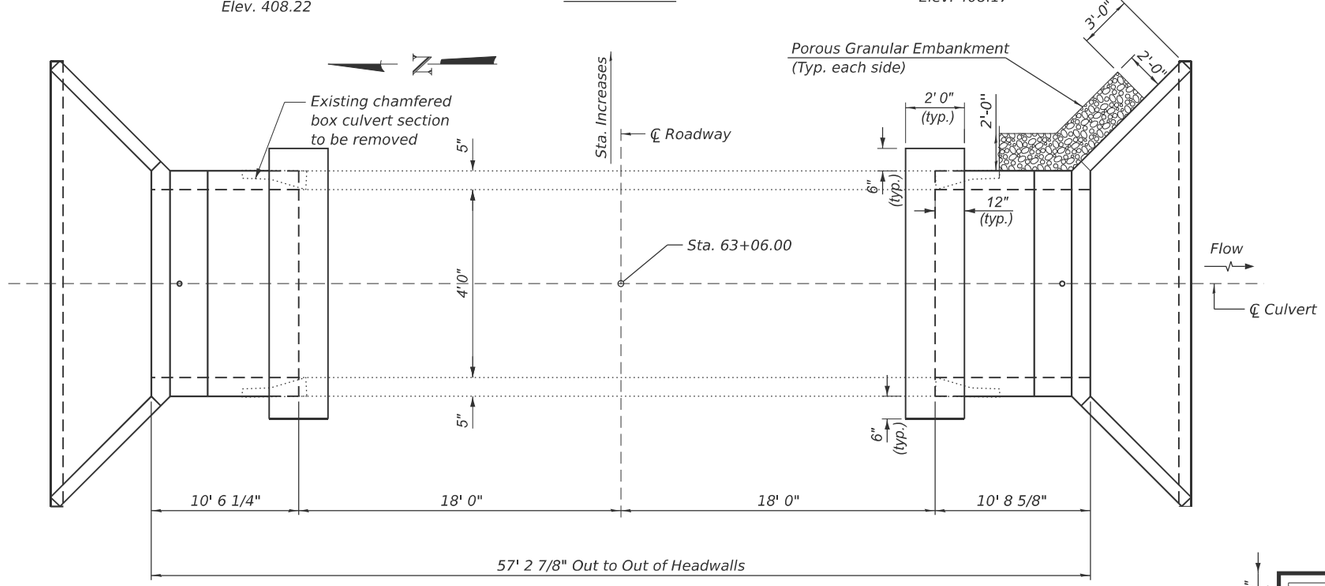
SCALE: | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1 (RS-5)	PERRY	201	76
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			

Existing Structure: The existing structure is a 4' x 2' single barrel box culvert.



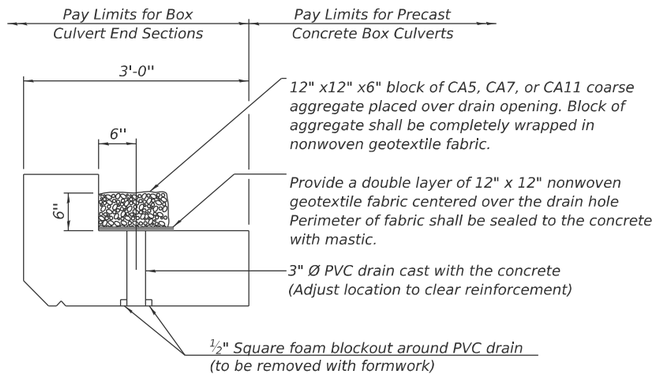
ELEVATION



PLAN

GENERAL NOTES

1. The design fill height for this box is 1.30 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, andshall conform to the requirements of Article 503.11 of the Standard Specification.
3. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
4. Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.
5. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item.
6. The removal of existing wingwalls is included in Box Culvert Removal pay item.
7. The last two Precast Barrel Sections at each end shall be tied together using culvert ties as shown on the culvert details sheet, cost included in Precast Concrete Box Culverts of the size specified in the plans.
8. Cost of Concrete Collar is included in Precast Concrete Box Culverts.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2
PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	12
GEOCOMPOSITE WALL DRAIN	SQ YD	3
MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	3
BOX CULVERT REMOVAL	FOOT	6
POROUS GRANULAR EMBANKMENT	CU YD	11

HYDRAULIC DATA

Drainage Area = 0.2 AC
Design Waterway Opening = 8 SF
Design Discharge = 6.90 CFS
Design Headwater Elevation = 409.31 FT
100 Year Discharge = 7.83 CFS
100 Year Headwater Elevation = 409.38 FT

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

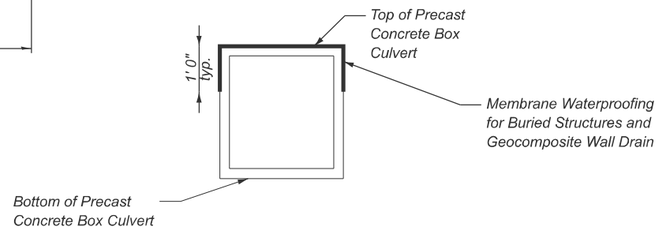
DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

LOADING HL-93

Allow 50 #/sq. ft. for future wearing surface



PAY LIMITS FOR MEMBRANE WATERPROOFING FOR BURIED STRUCTURES AND GEOCOMPOSITE WALL DRAIN

GENERAL PLAN AND ELEVATION IL-14 OVER DITCH F.A.P. RTE. 869 SEC. 1,1-1(RS-5) PERRY COUNTY STATION 63+06.00

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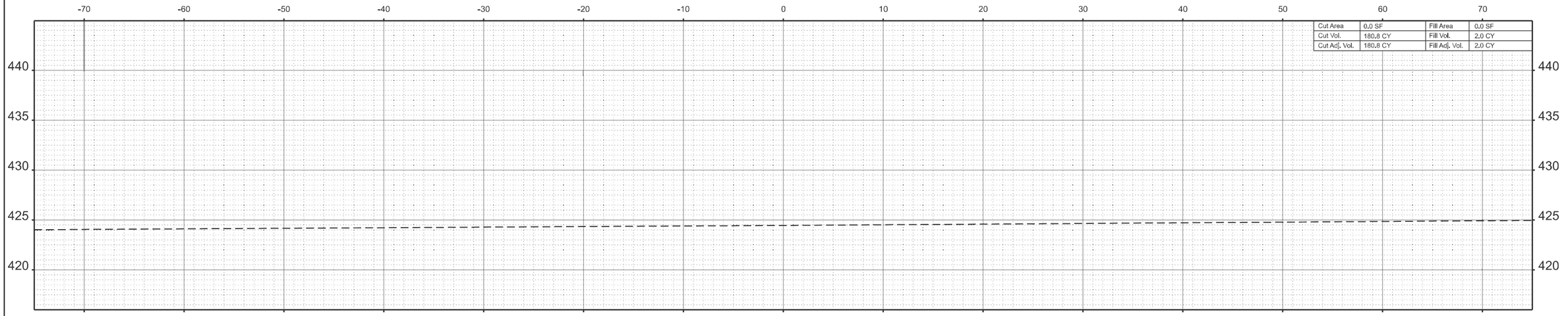
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STA. 63+06.00

SCALE: | SHEET 21 OF 21 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	77
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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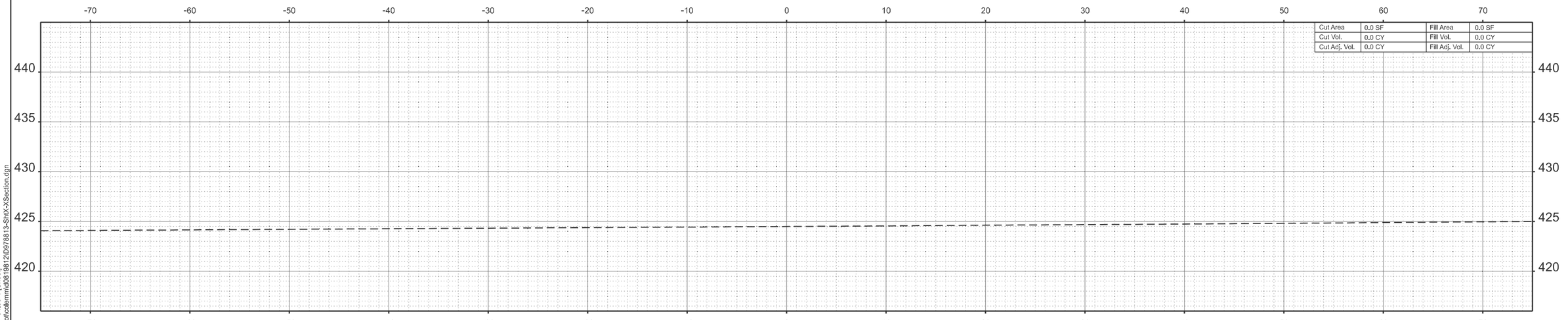

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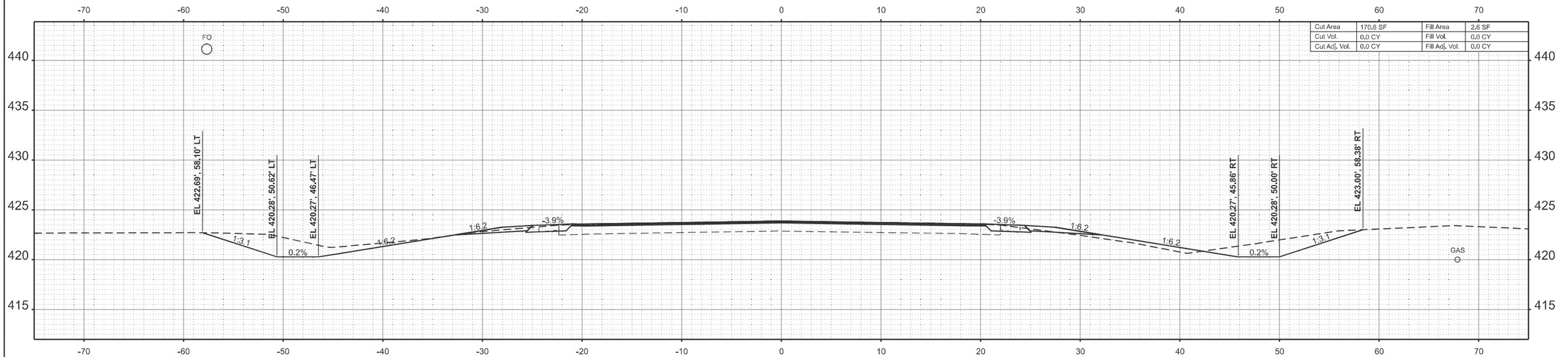
PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 1 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	78
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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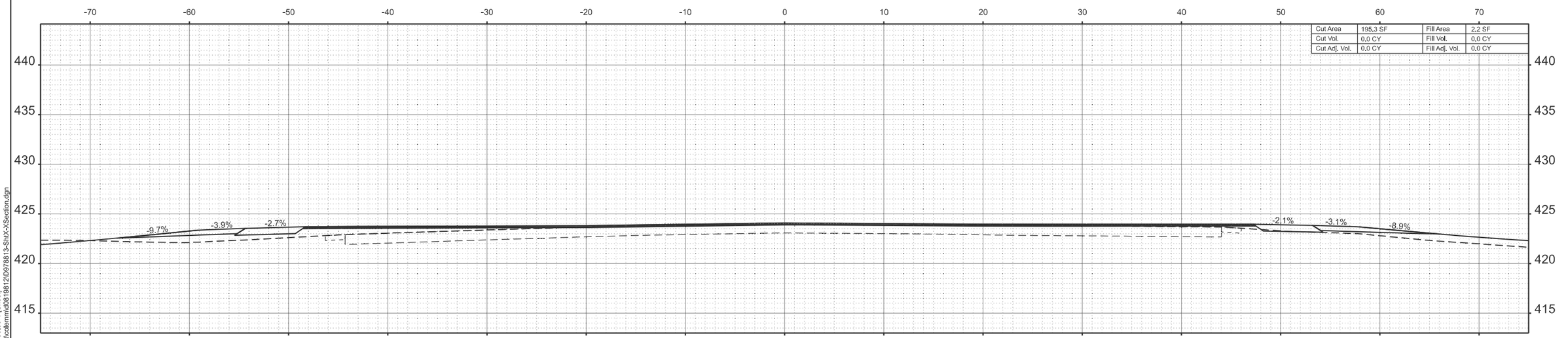

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PLOT DATE = 8/22/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 2 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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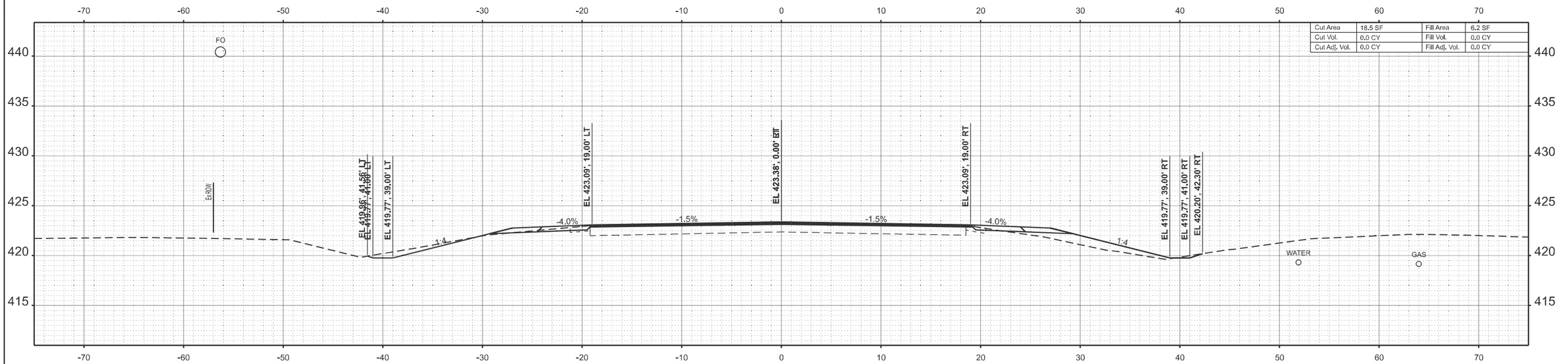
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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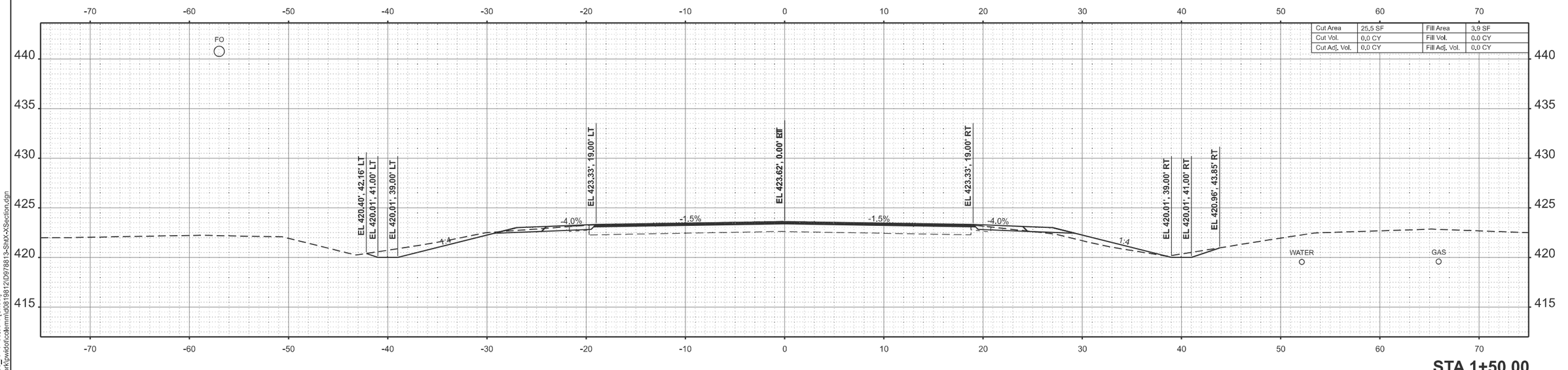

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	CHECKED -	REVISED -	
PLOT DATE = 8/22/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 3 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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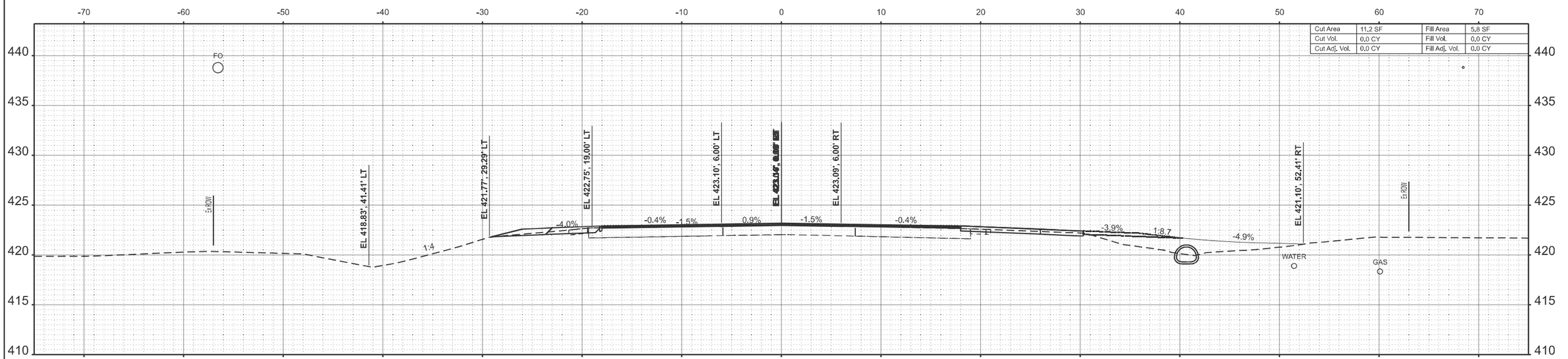
CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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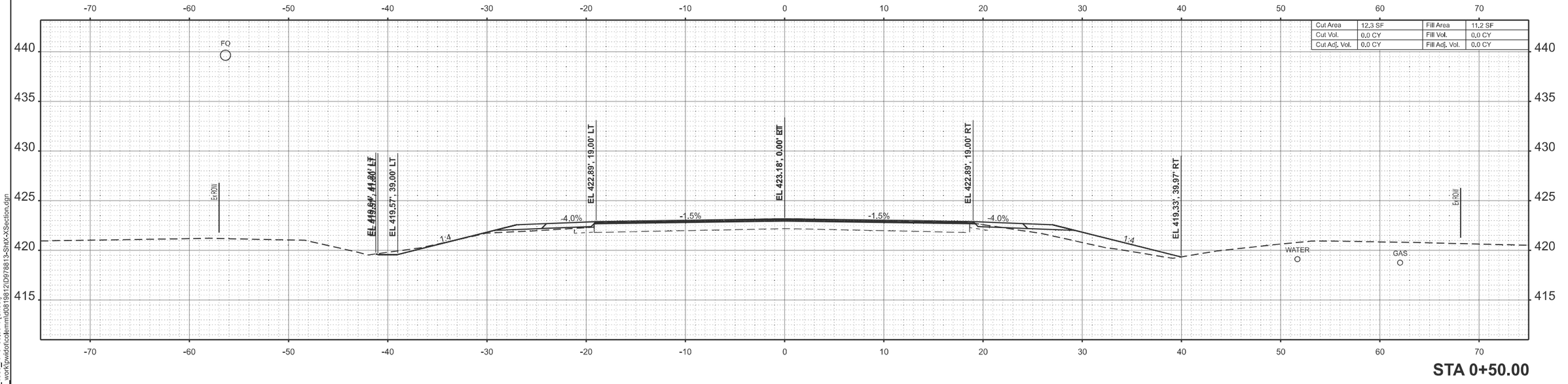

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PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 4 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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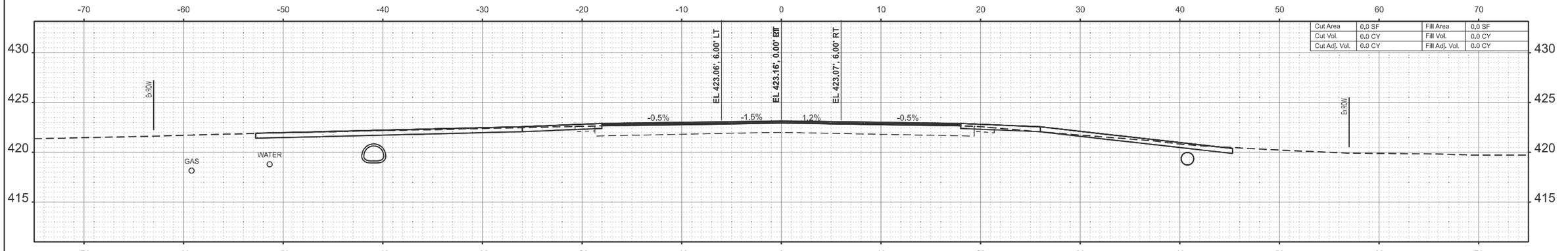
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	



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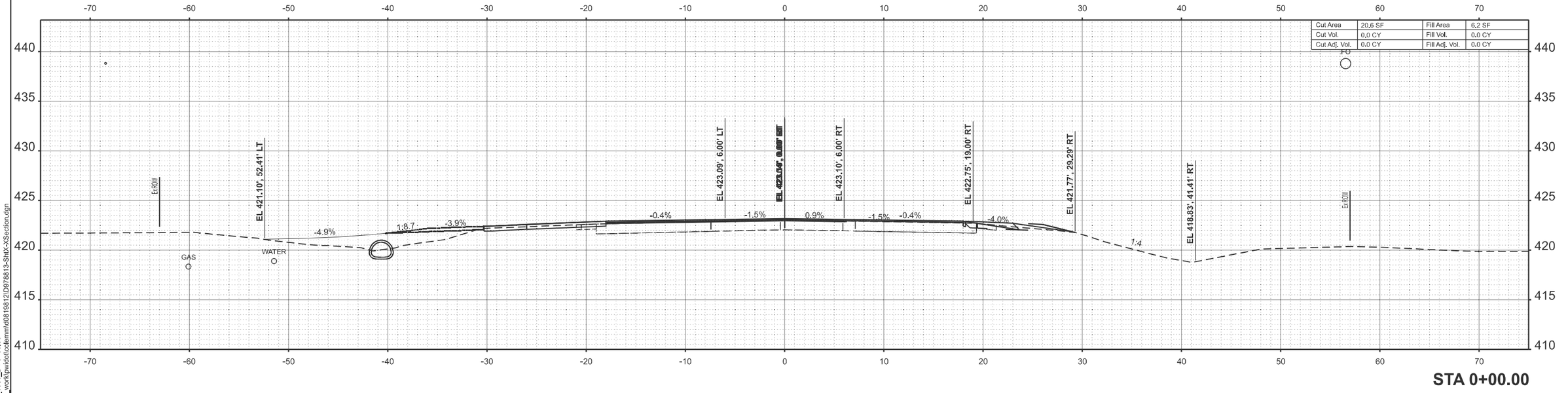

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	CHECKED -	REVISED -
PLOT DATE = 8/21/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 5 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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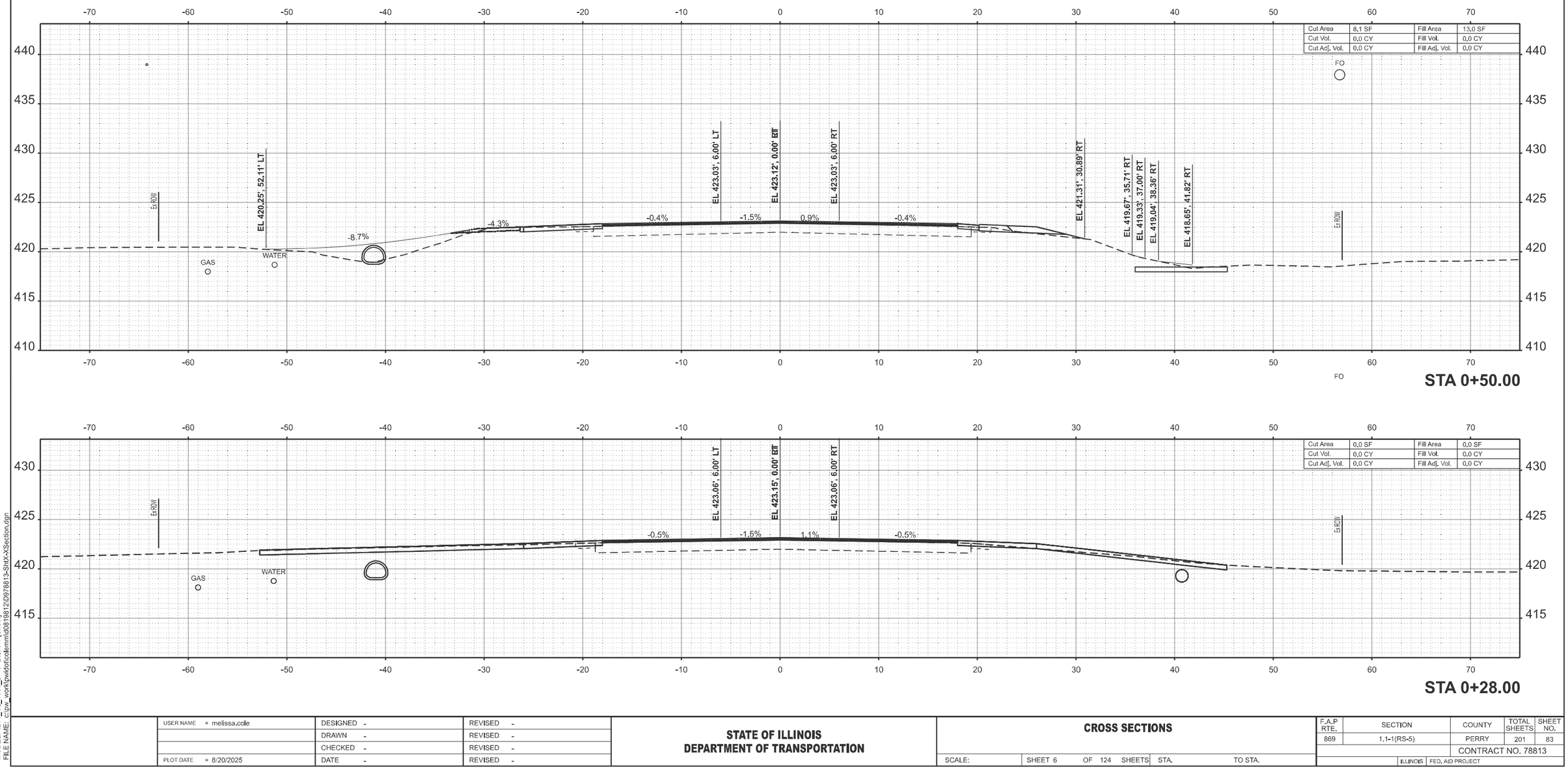
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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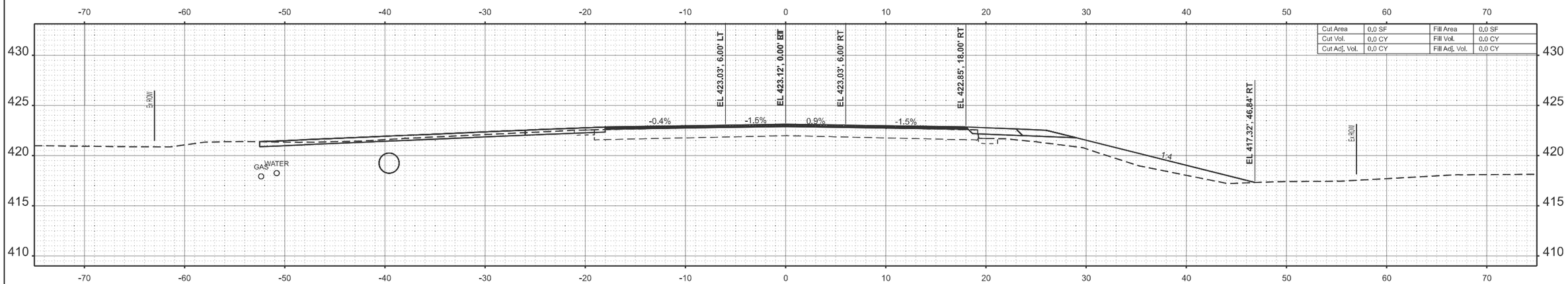
PLOT DATE = 8/20/2025	DATE -	REVISED -	

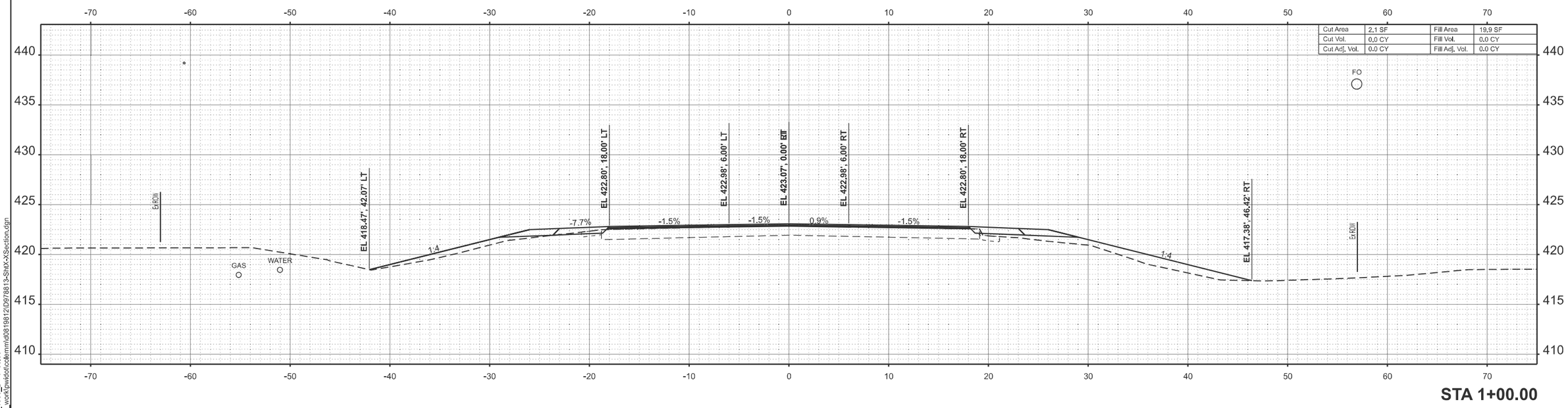
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 6 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	83
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		





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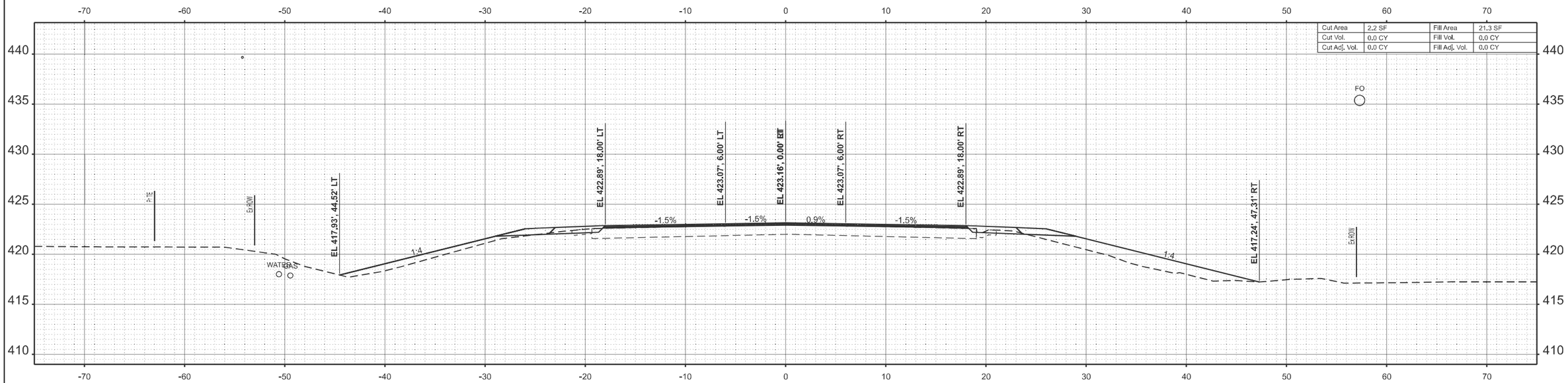
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 7 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	84
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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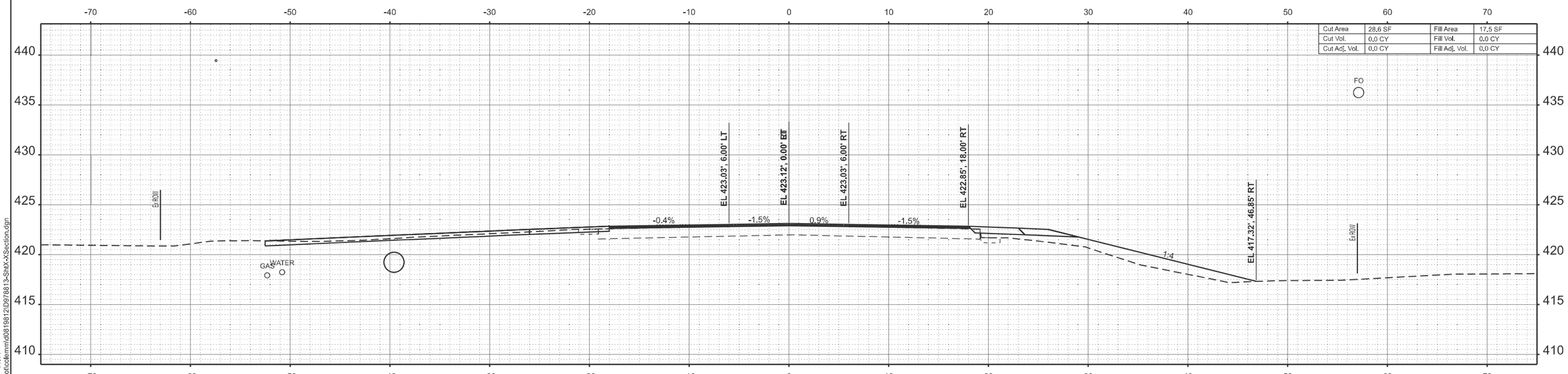

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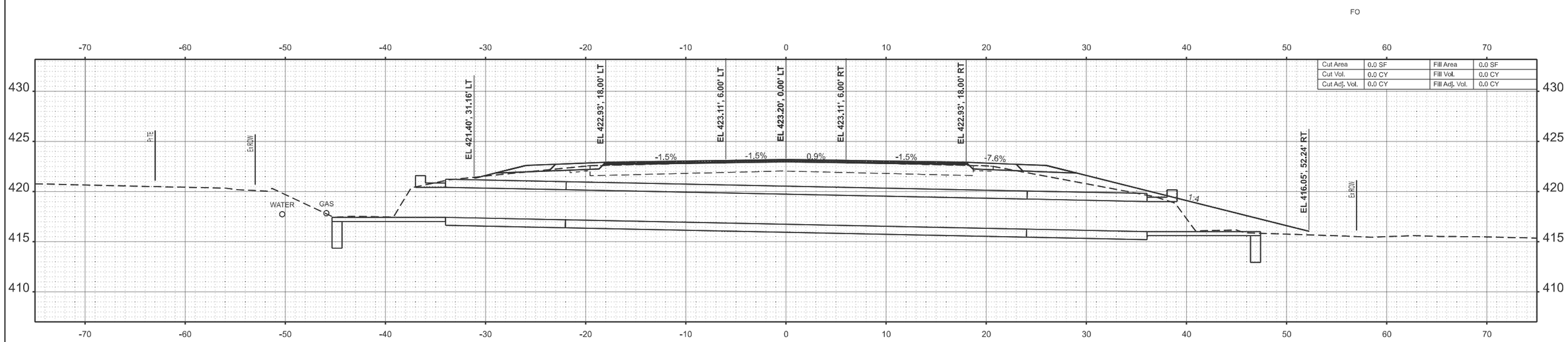
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 8 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	85
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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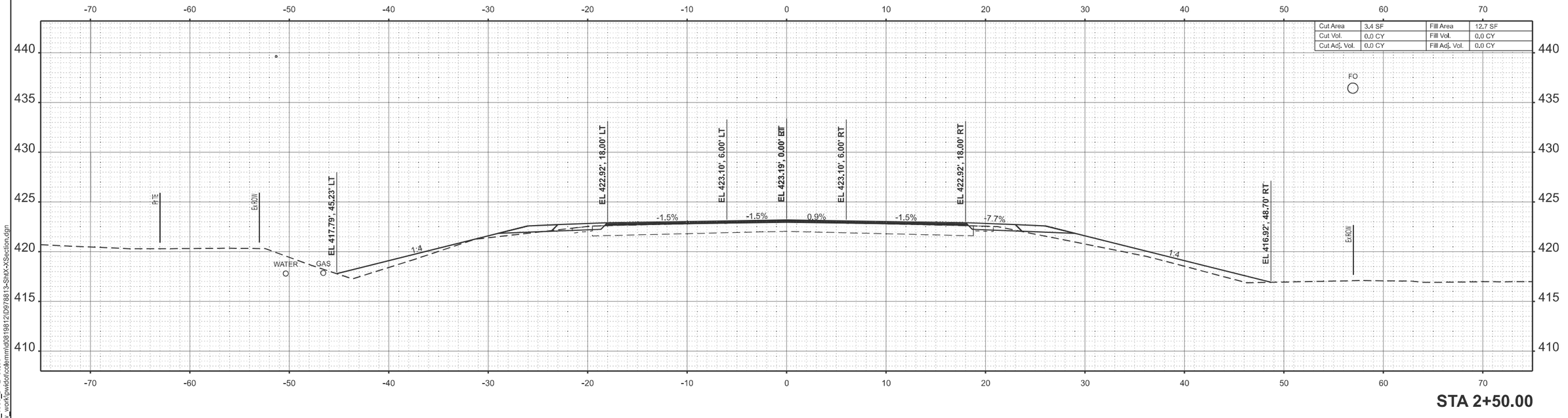

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PLOT DATE = 8/20/2025	DATE -	REVISED -	

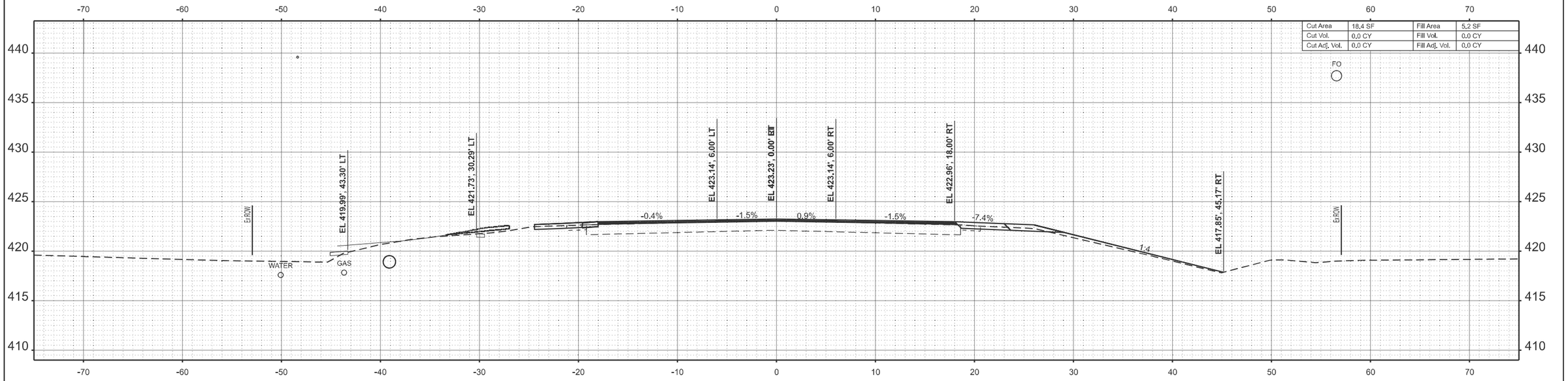
CROSS SECTIONS

SCALE: SHEET 9 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	86

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 10 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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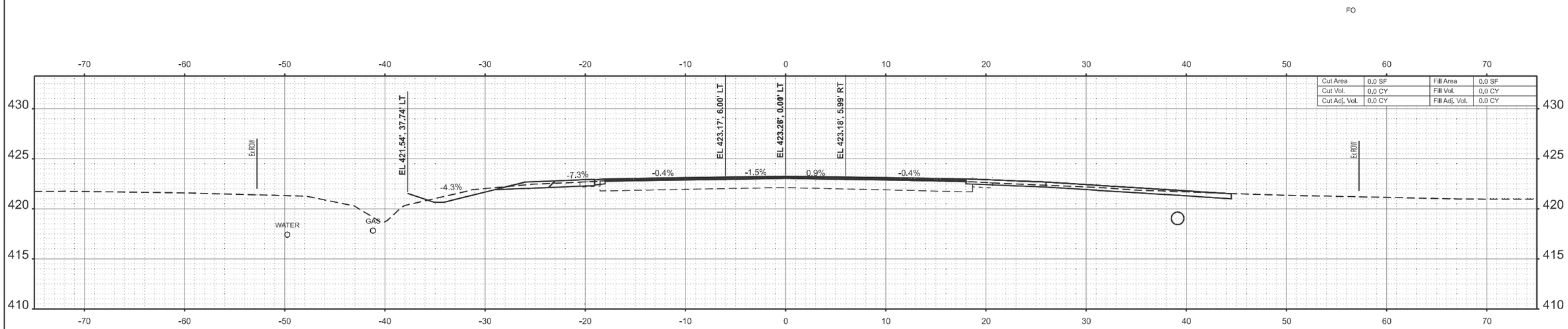

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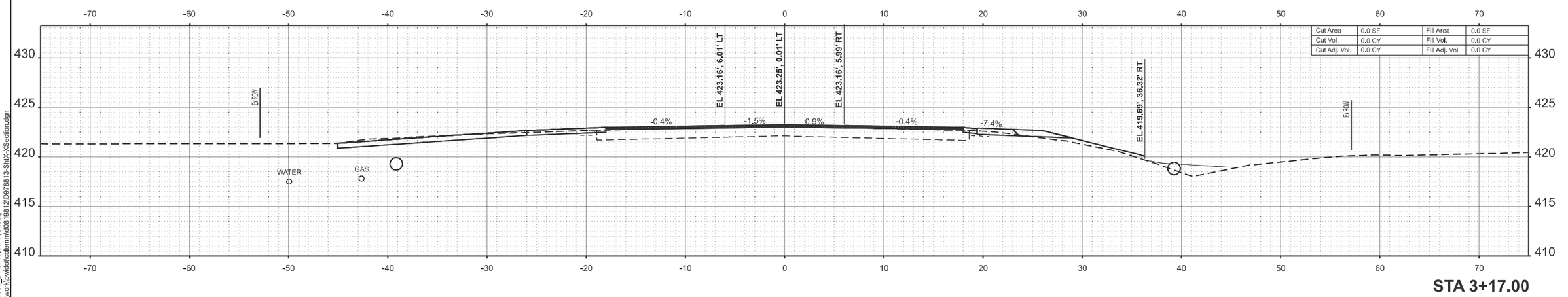

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CROSS SECTIONS

SCALE: | SHEET 11 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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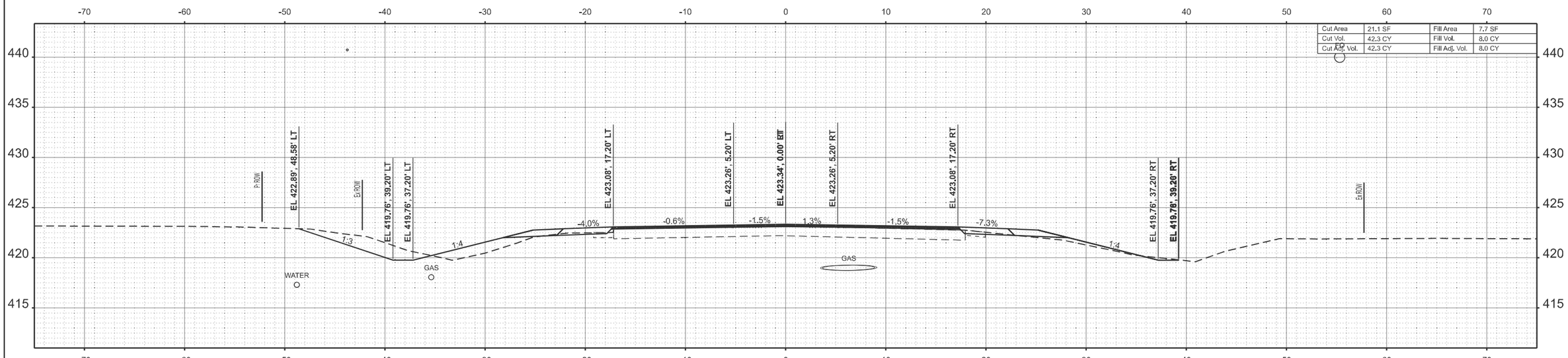
CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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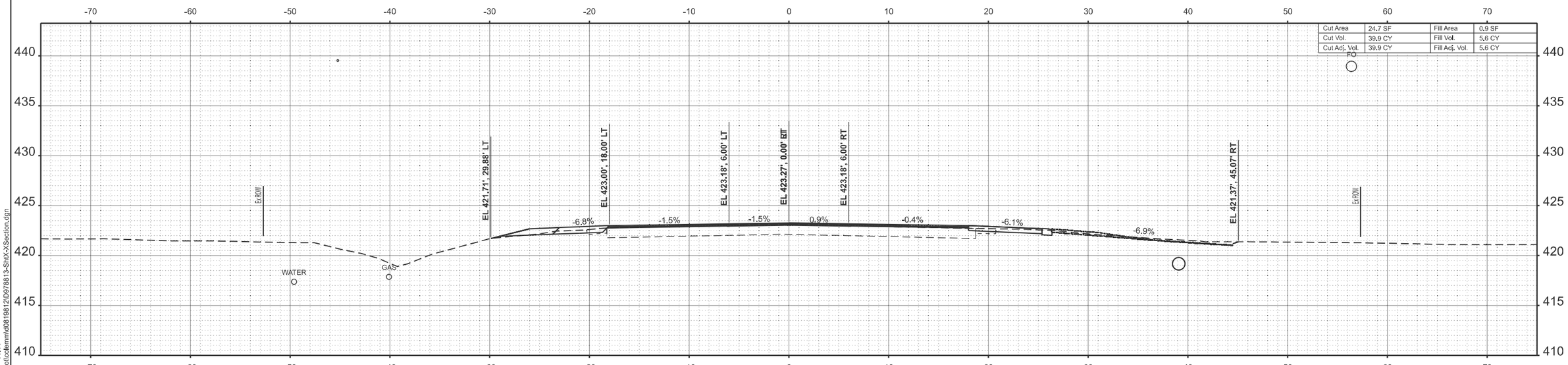

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 12 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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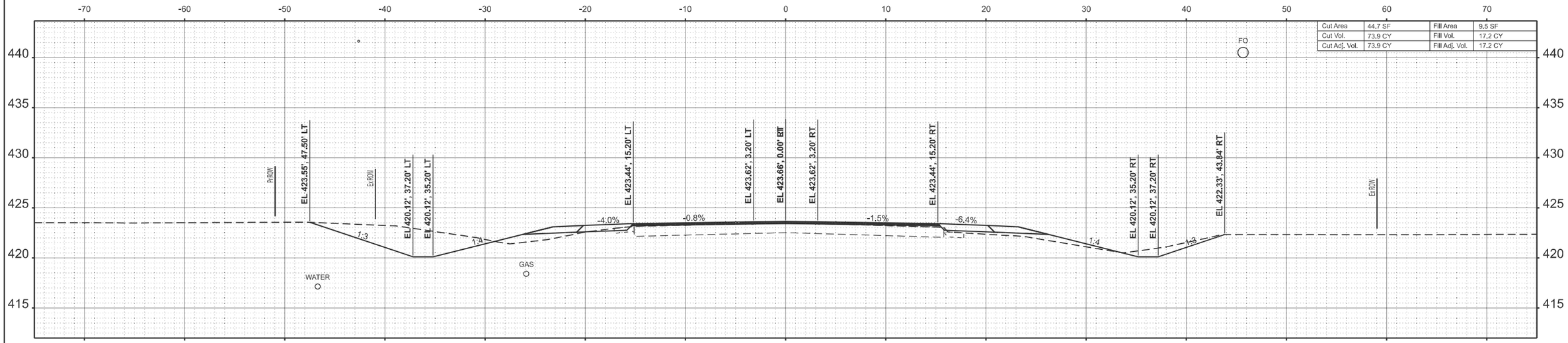
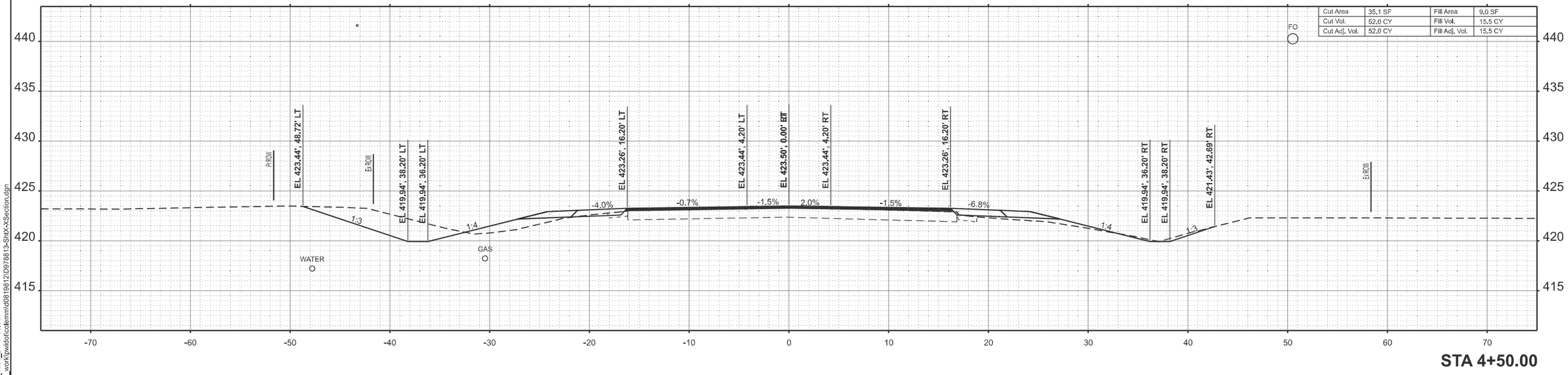
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		





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	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 13 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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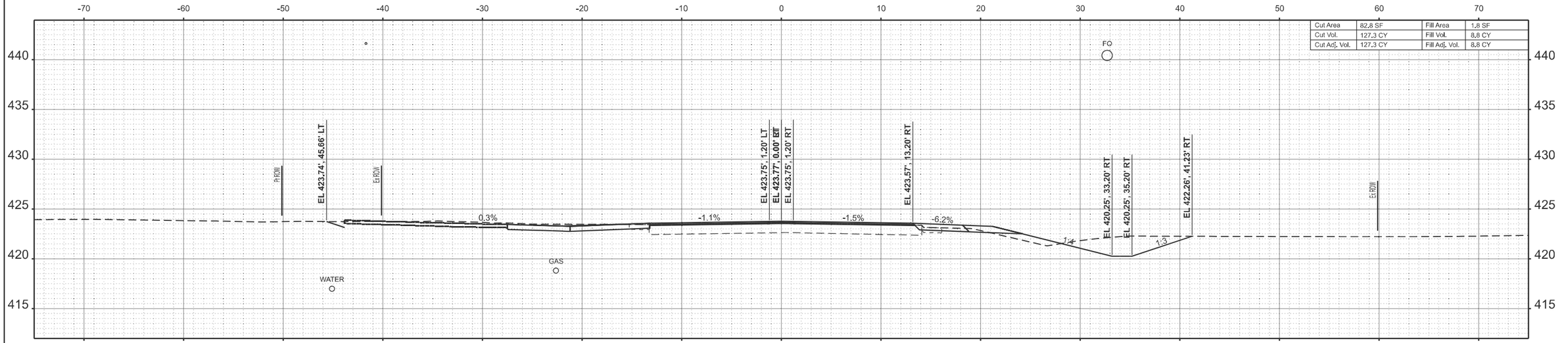
	ILLINOIS	FED. AID PROJECT		



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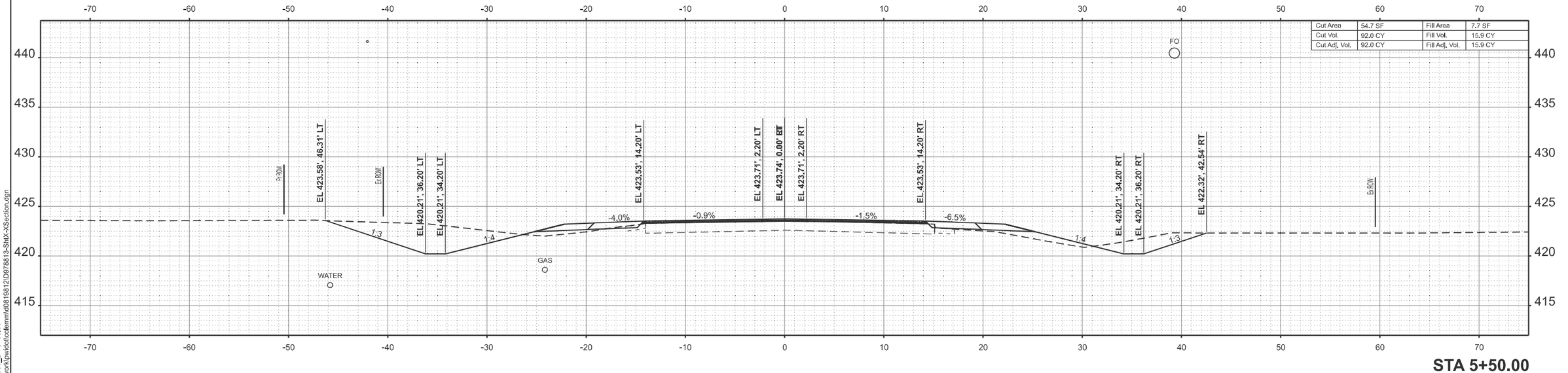

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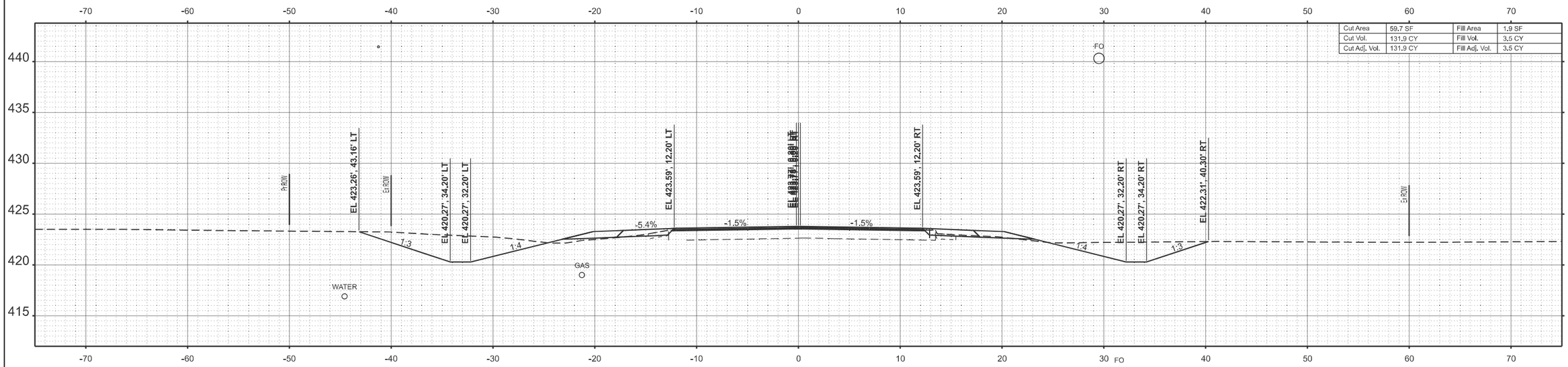
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 14 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	91
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	



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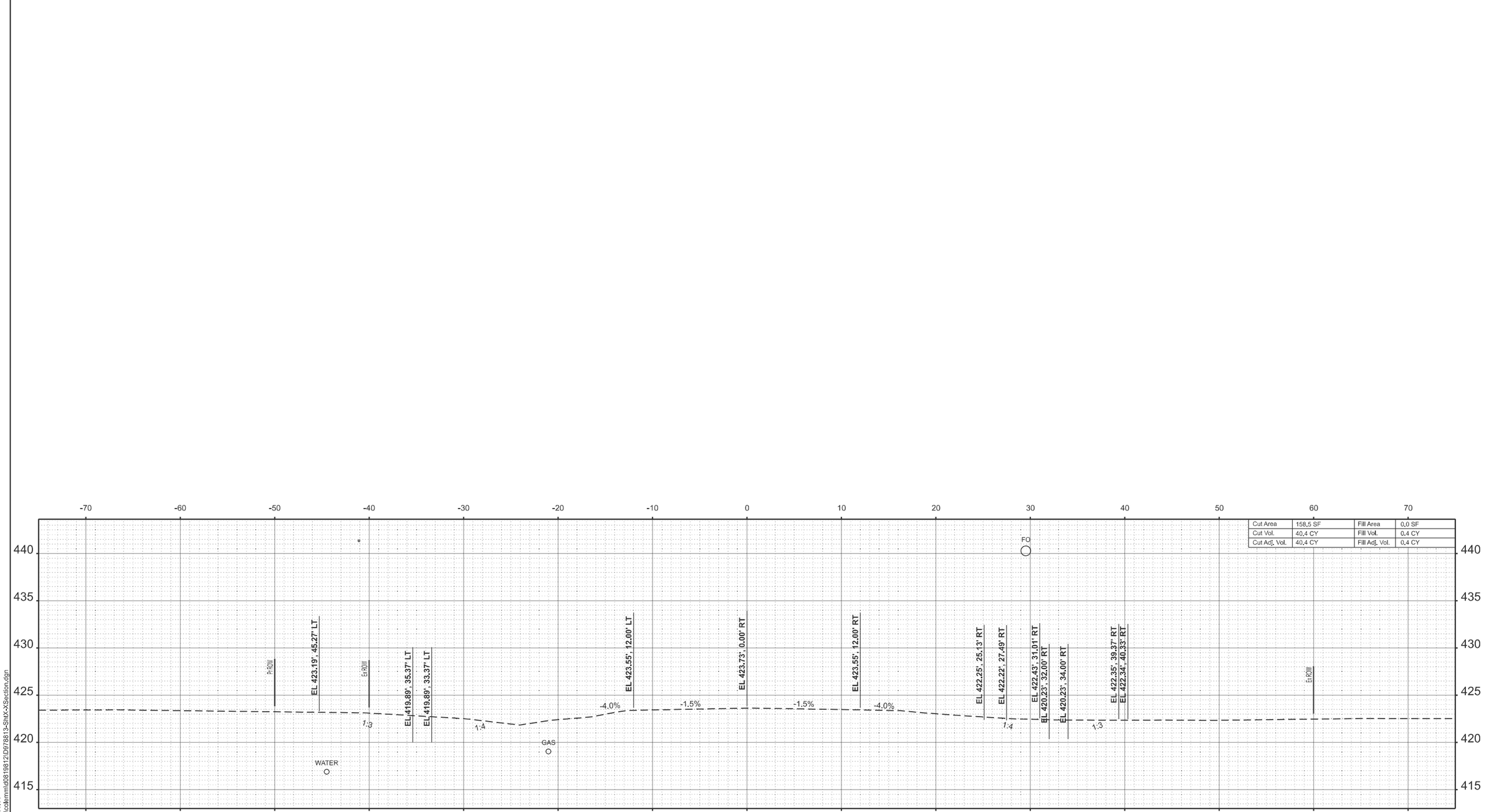
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 15 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	92
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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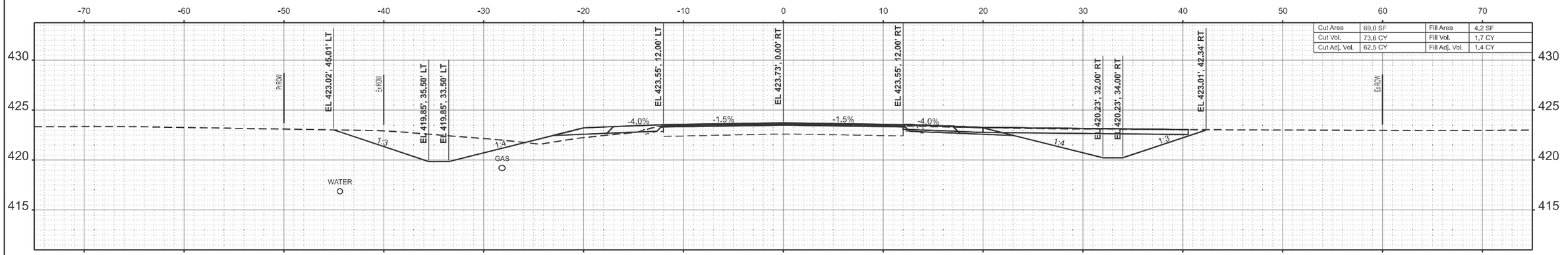
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 16 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	93
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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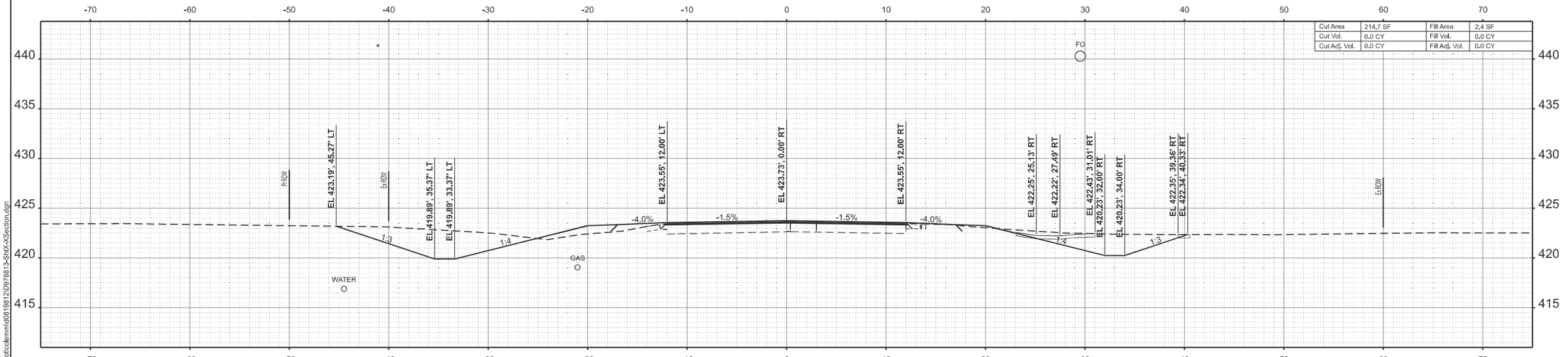

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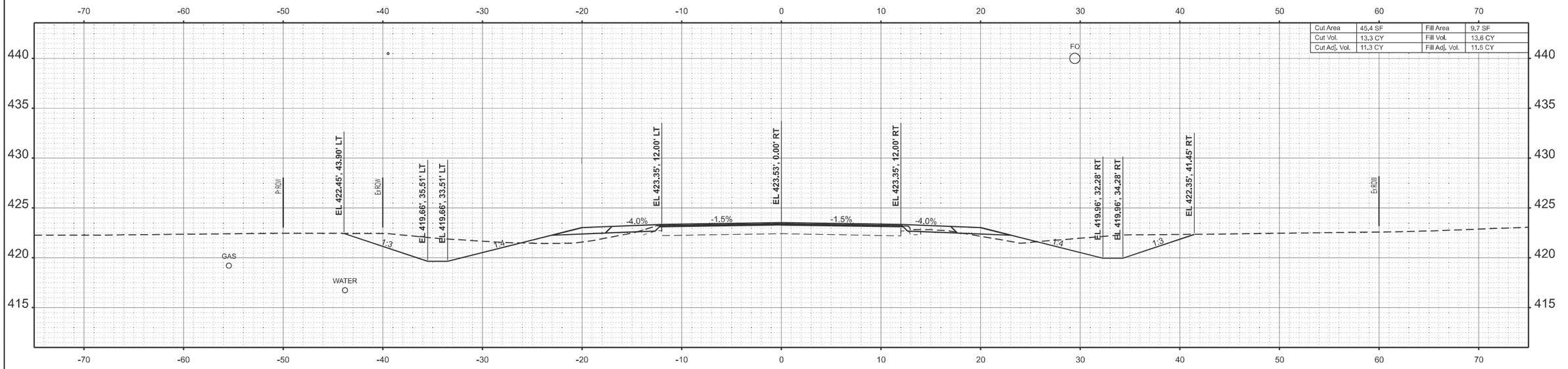
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 17 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	94
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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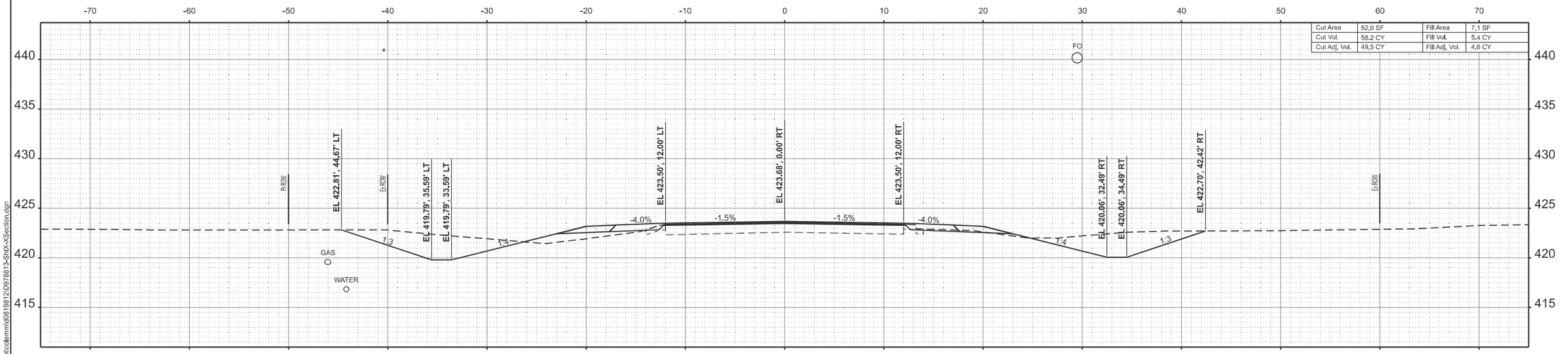

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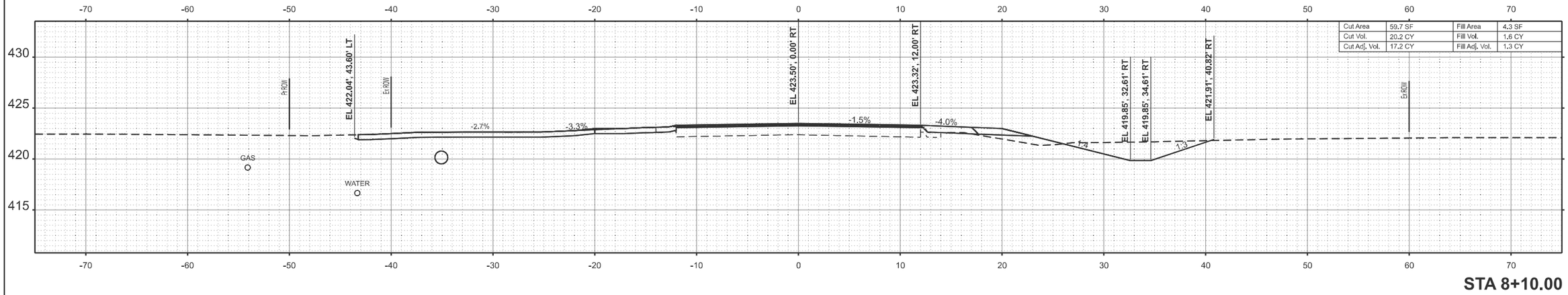
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 18 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	95
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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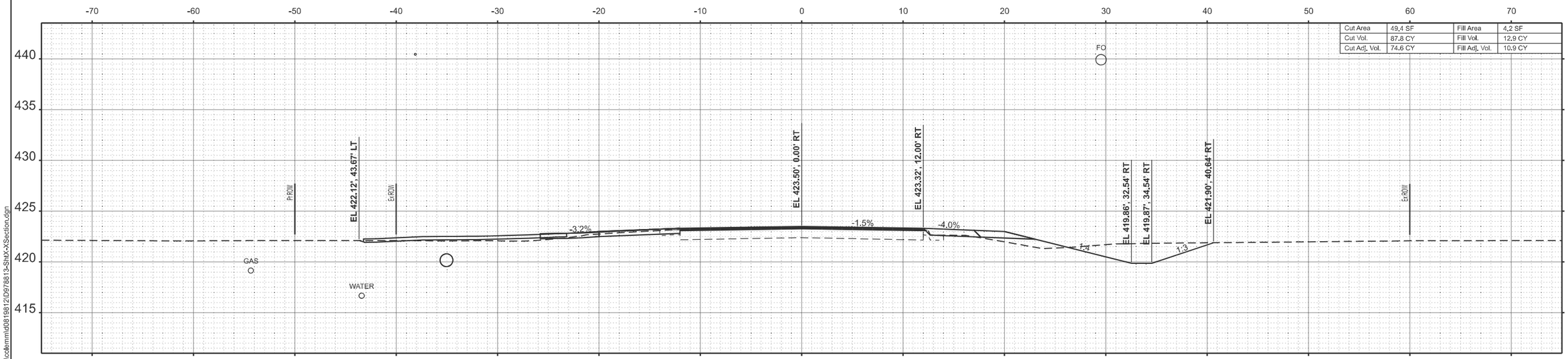

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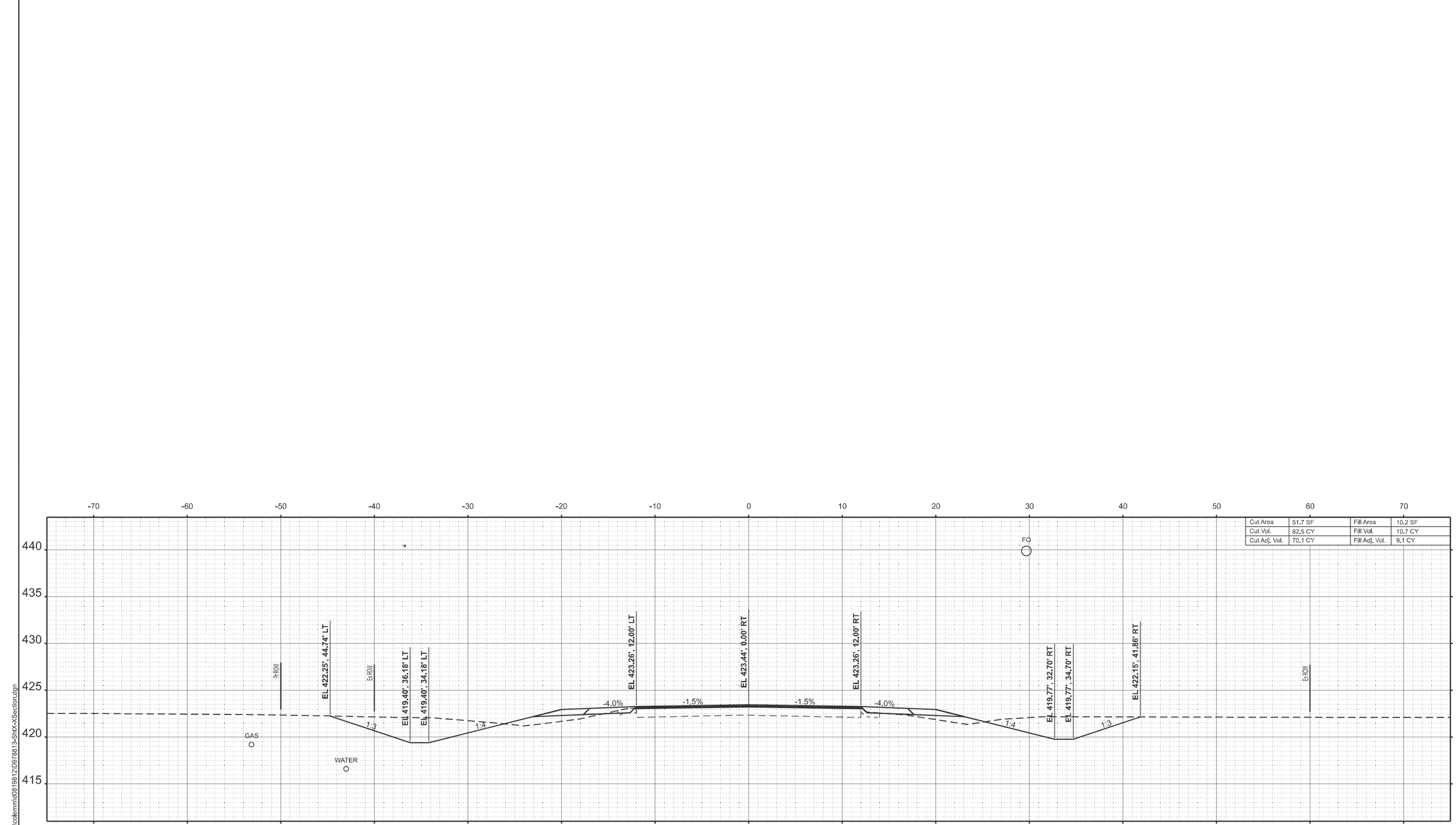
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 19 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	96
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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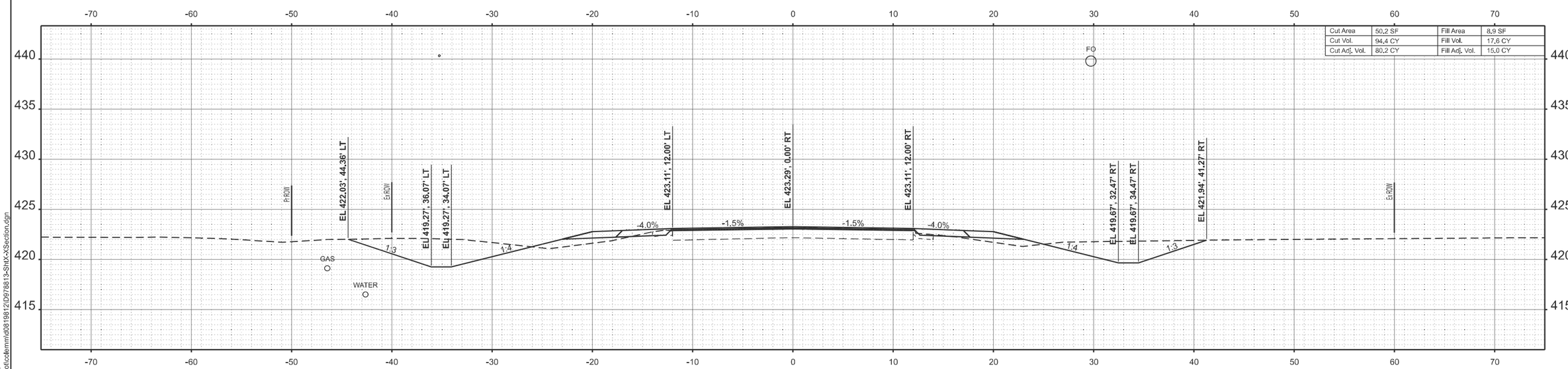
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 20 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	97
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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Cut Vol.	94.4 CY	Fill Vol.	17.6 CY
Cut Adj. Vol.	80.2 CY	Fill Adj. Vol.	15.0 CY

STA 9+00.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

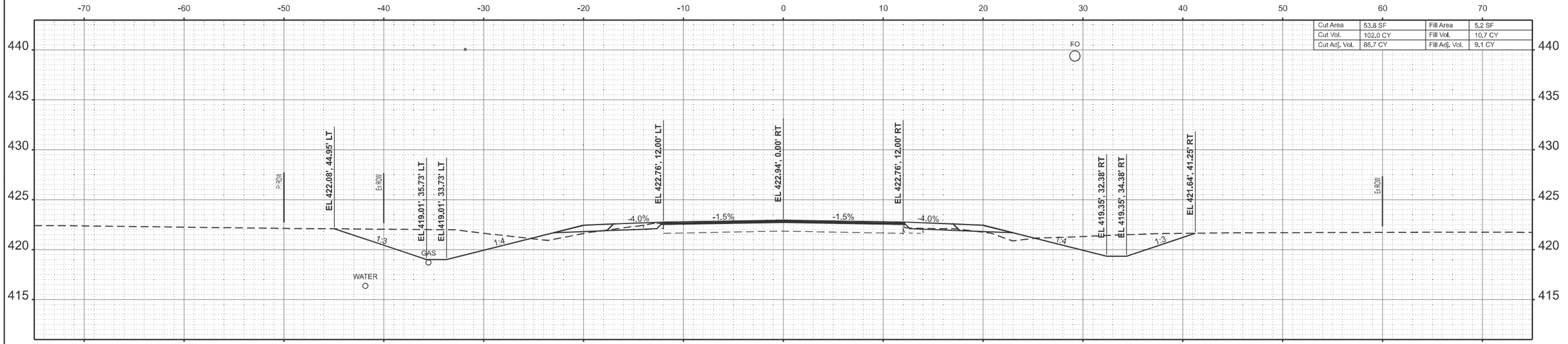
CROSS SECTIONS

SCALE: | SHEET 21 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	98

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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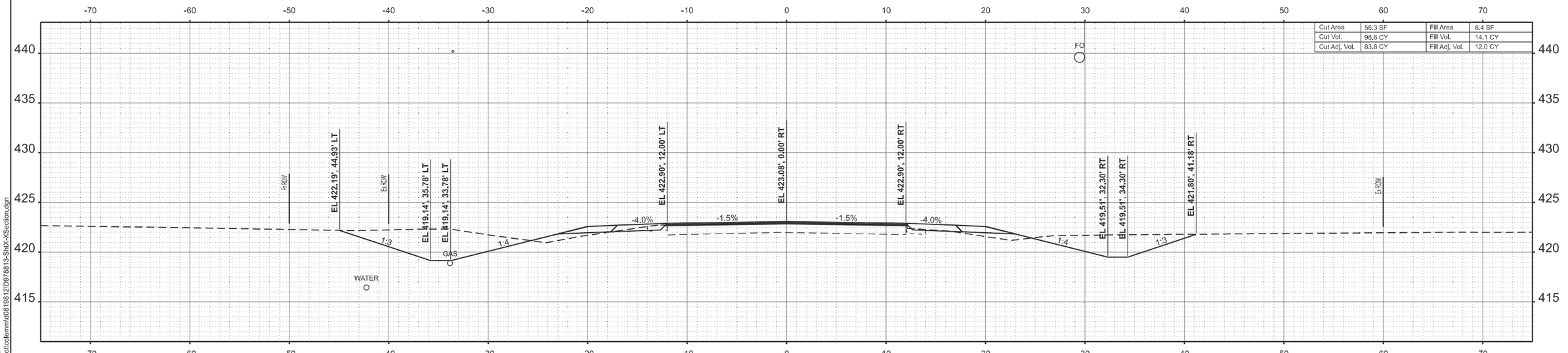

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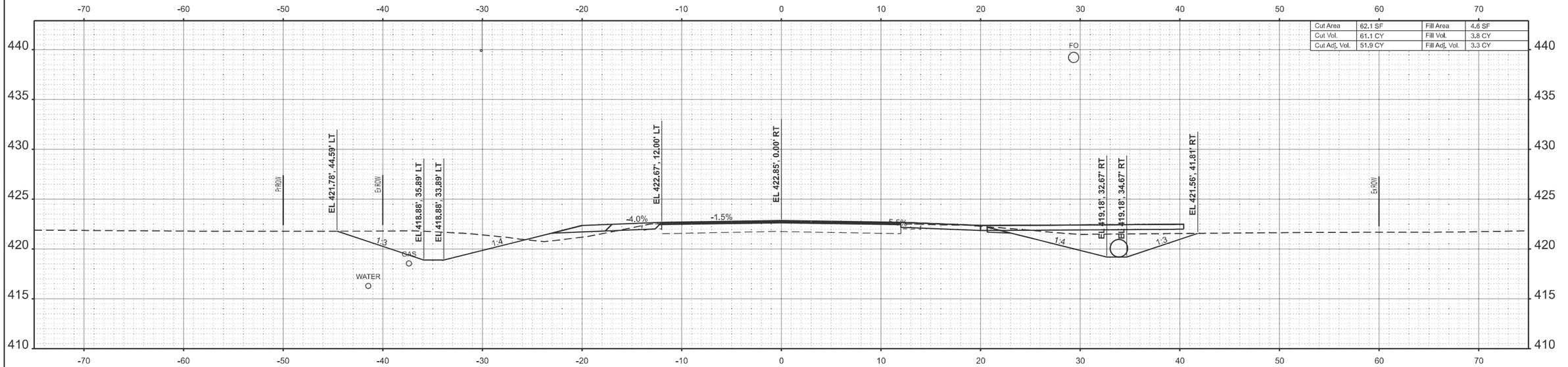
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

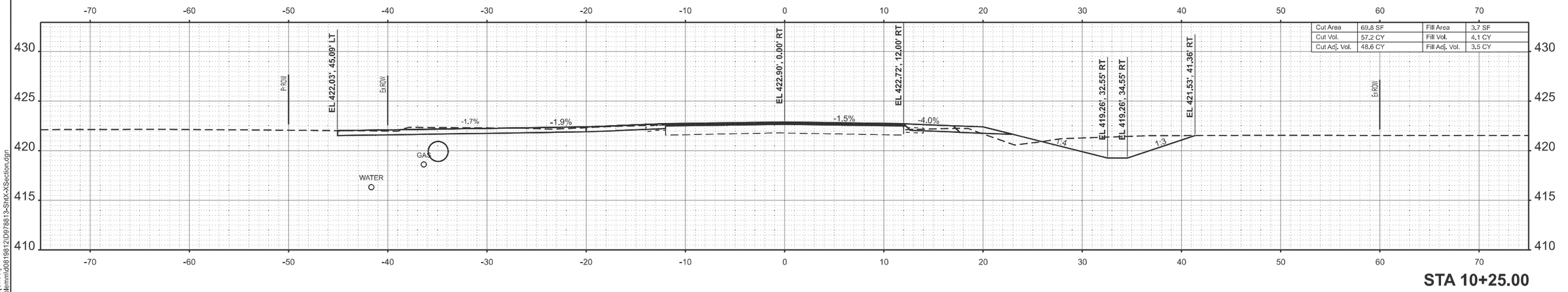
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 22 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	99
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		





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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 23 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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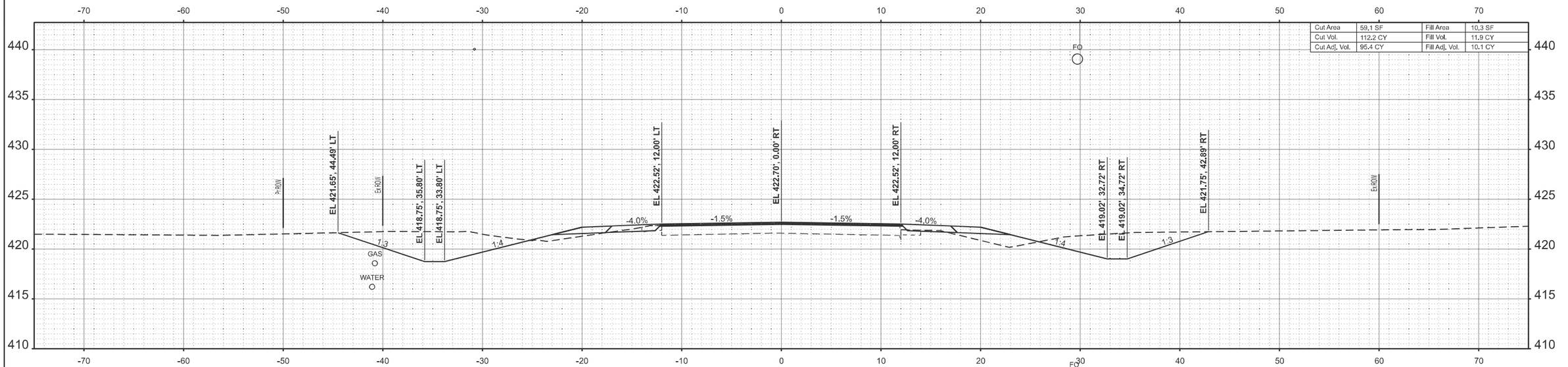
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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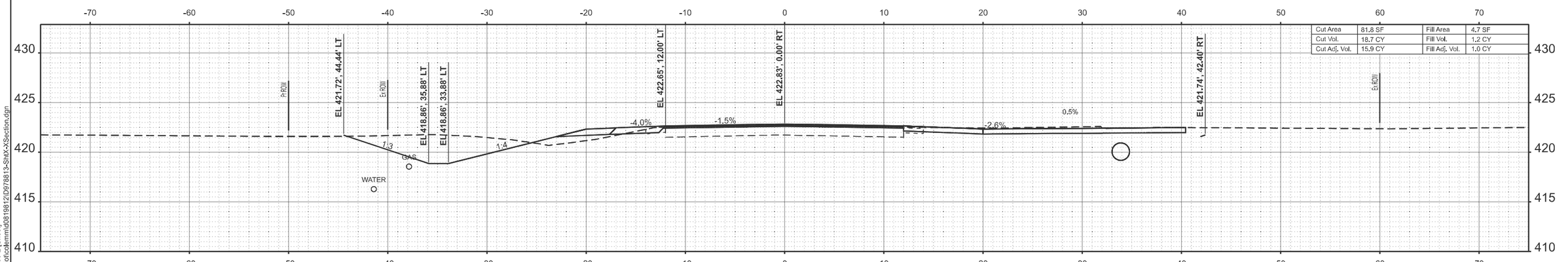

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: SHEET 24 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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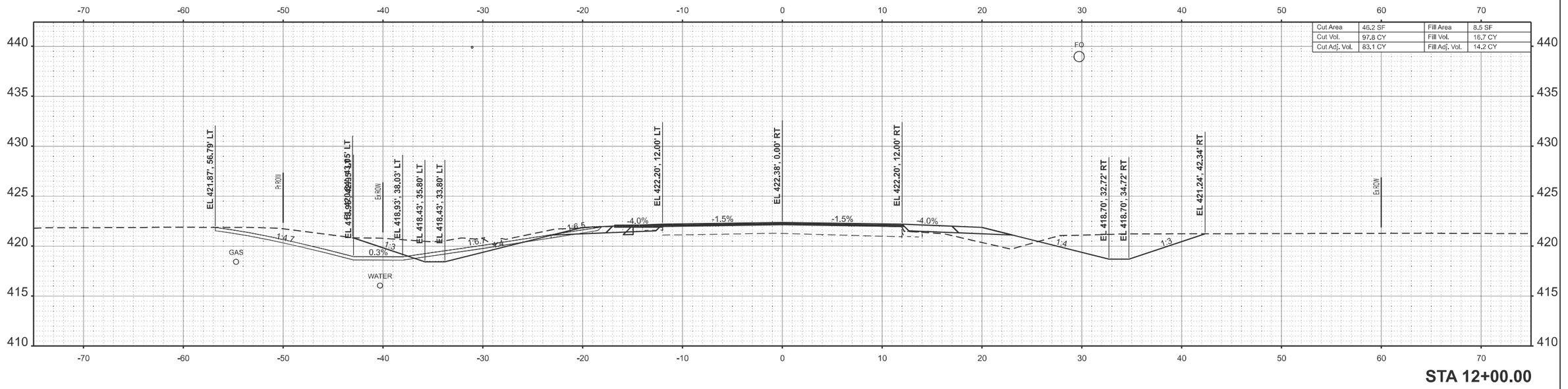
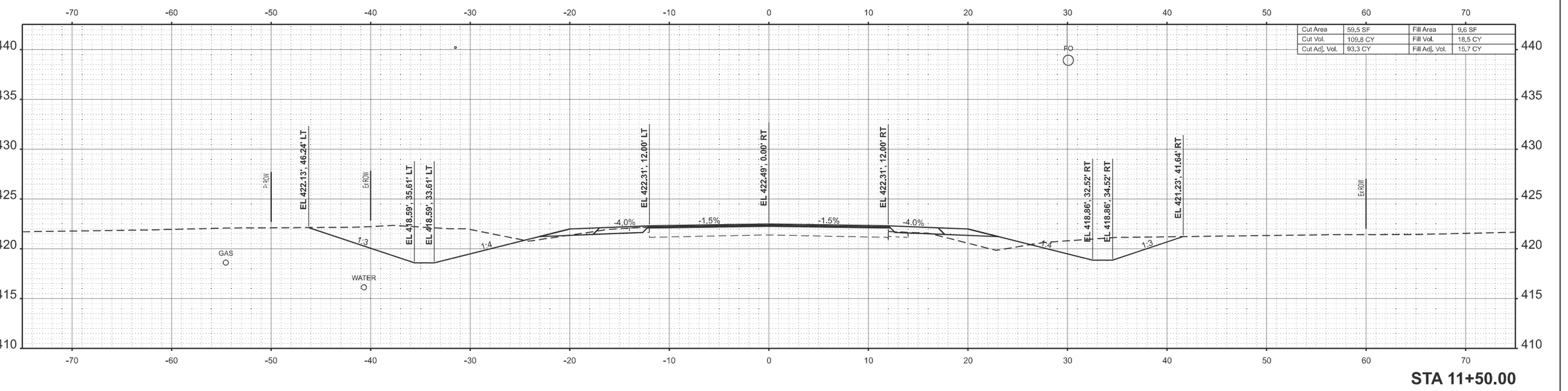
CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT





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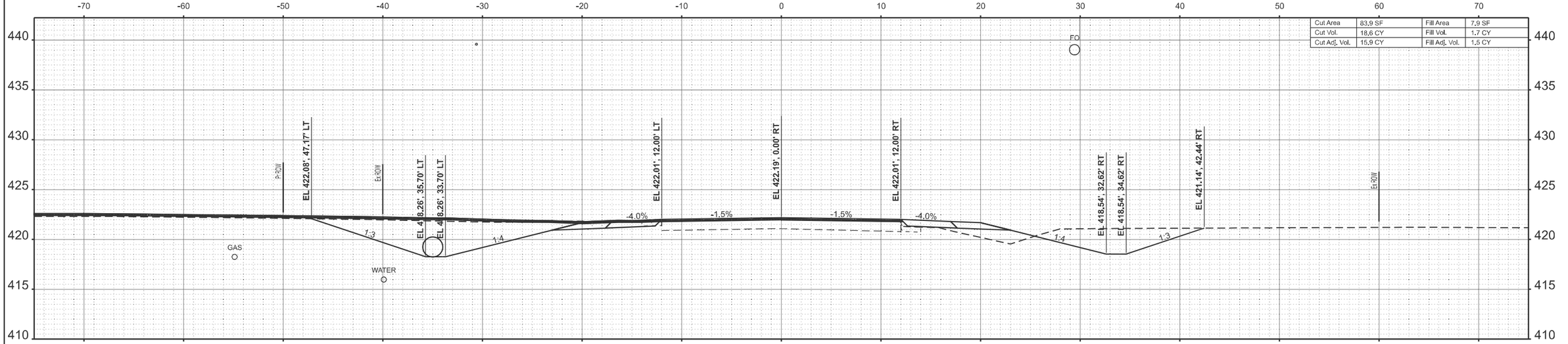
USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 25 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	102
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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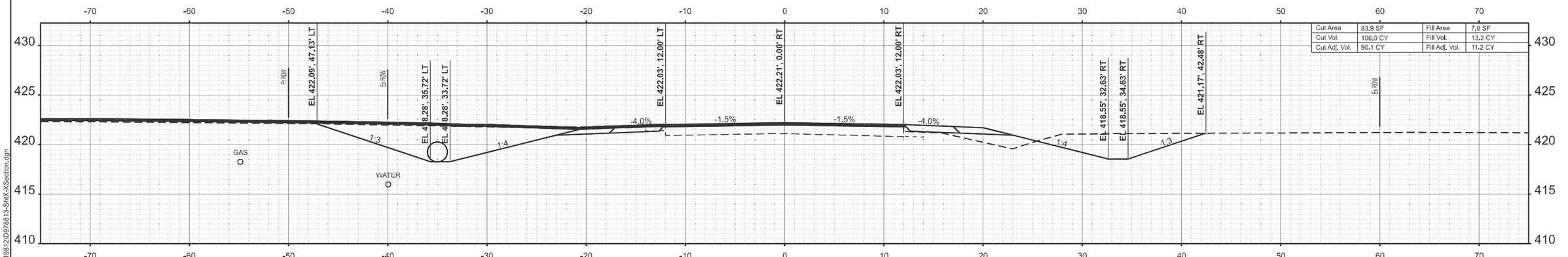

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/22/2025	DATE -	REVISED -	

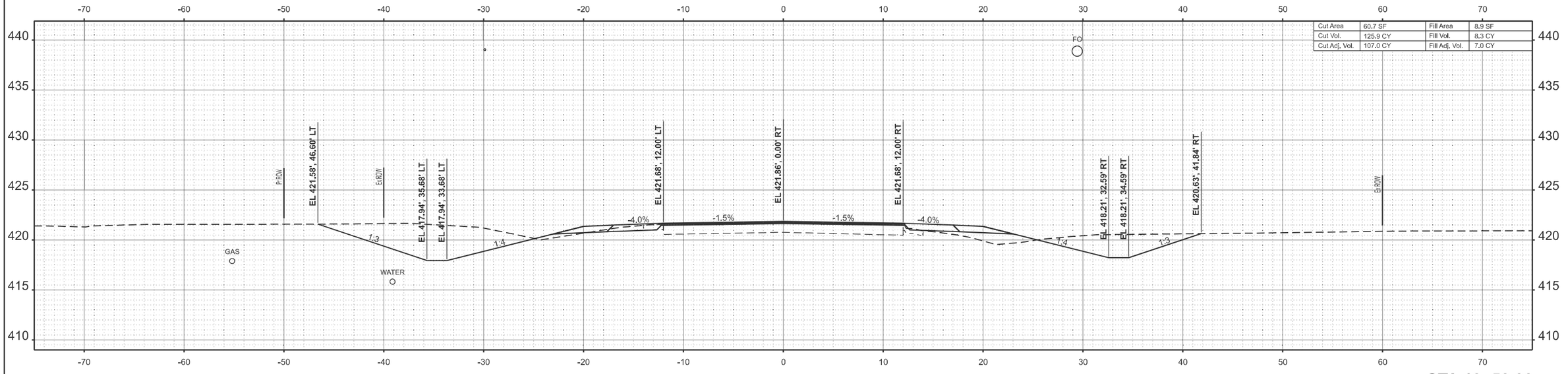
CROSS SECTIONS

SCALE: SHEET 26 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	103

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



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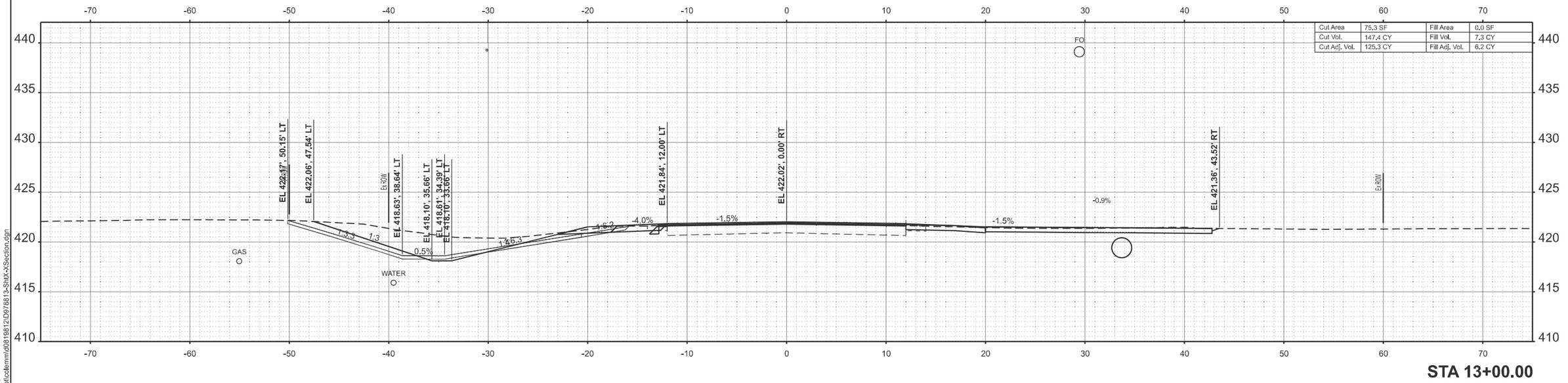

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: SHEET 27 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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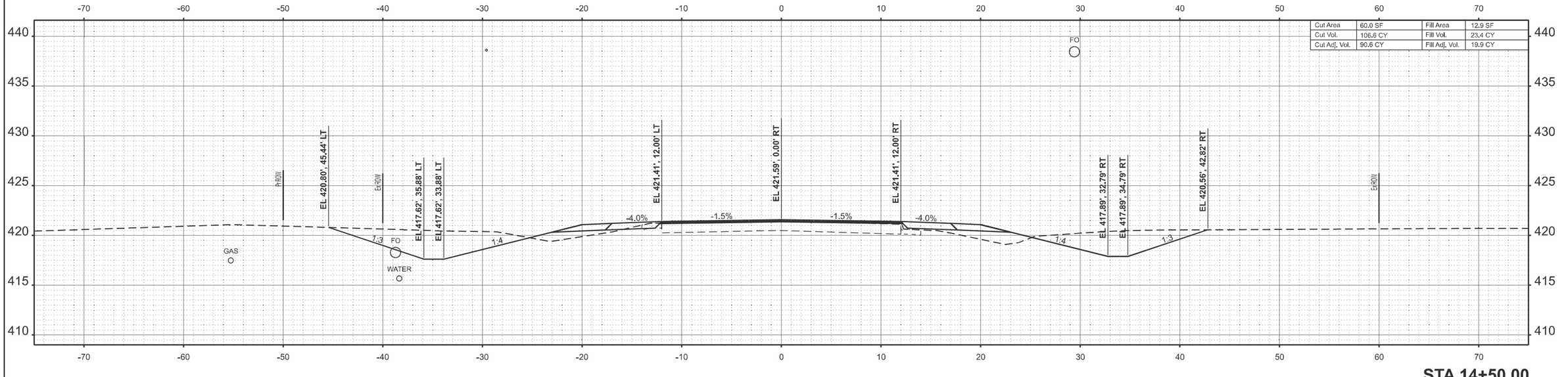
CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



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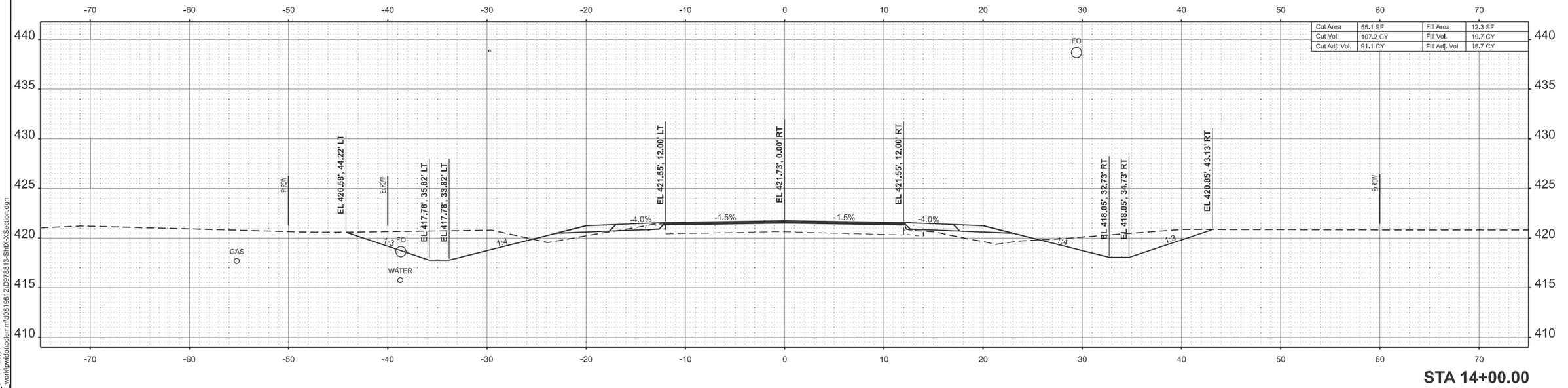

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

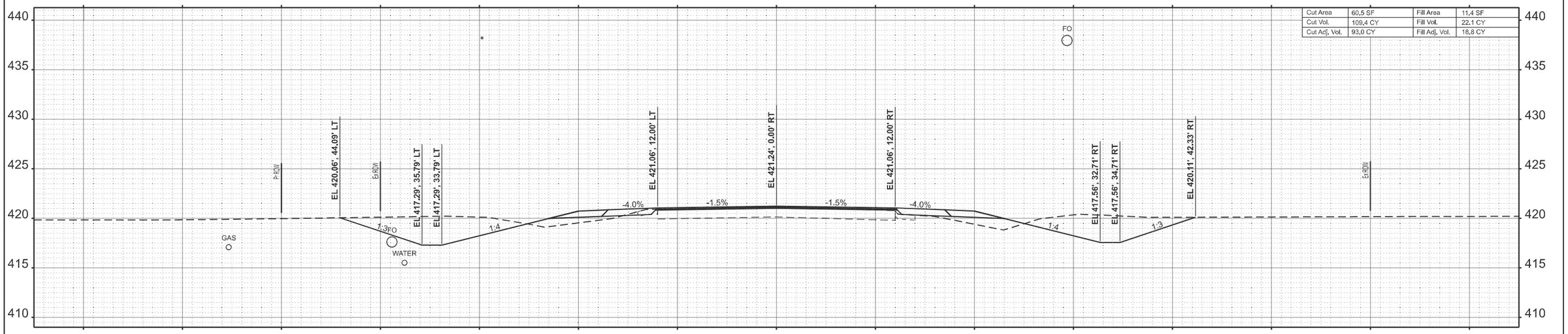
CROSS SECTIONS

SCALE: | SHEET 28 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	105

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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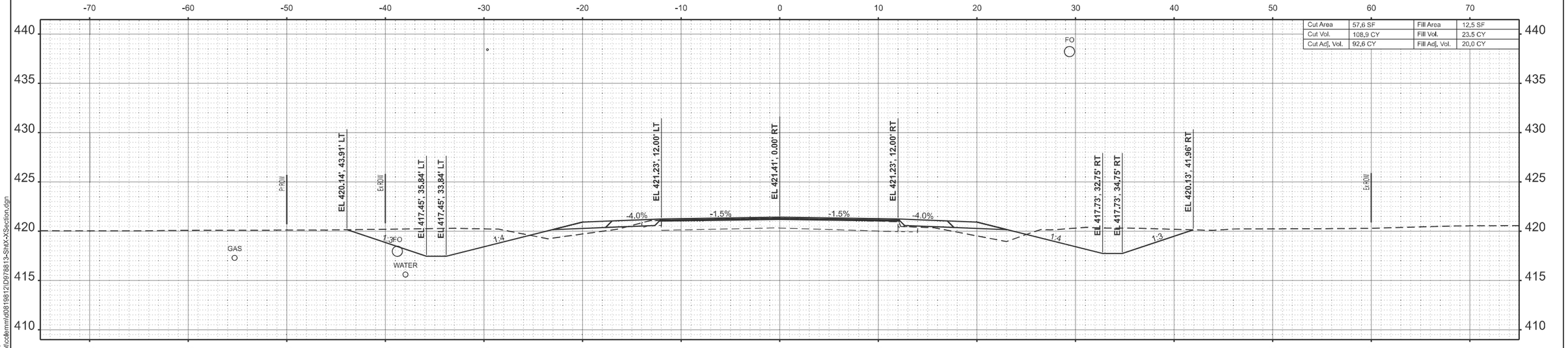

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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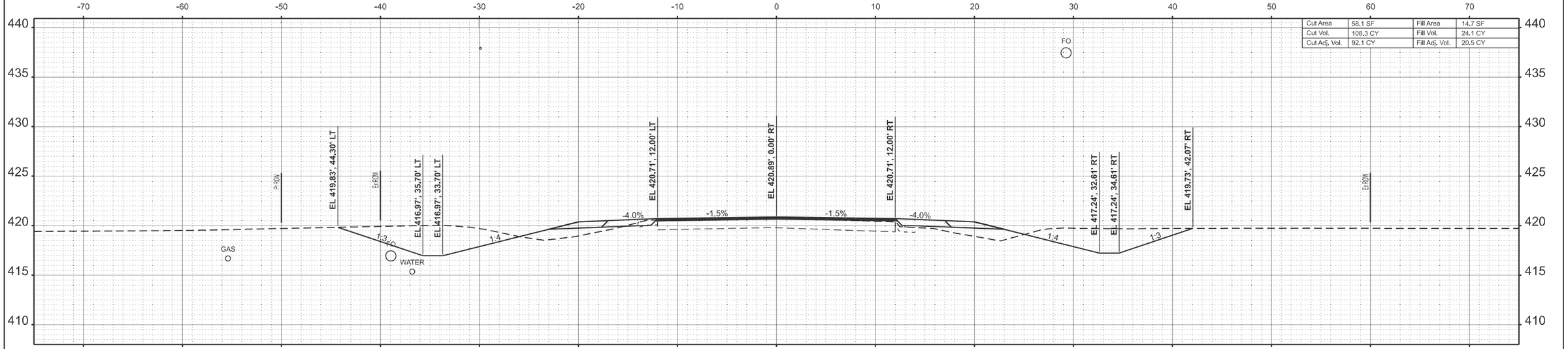
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 29 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	106
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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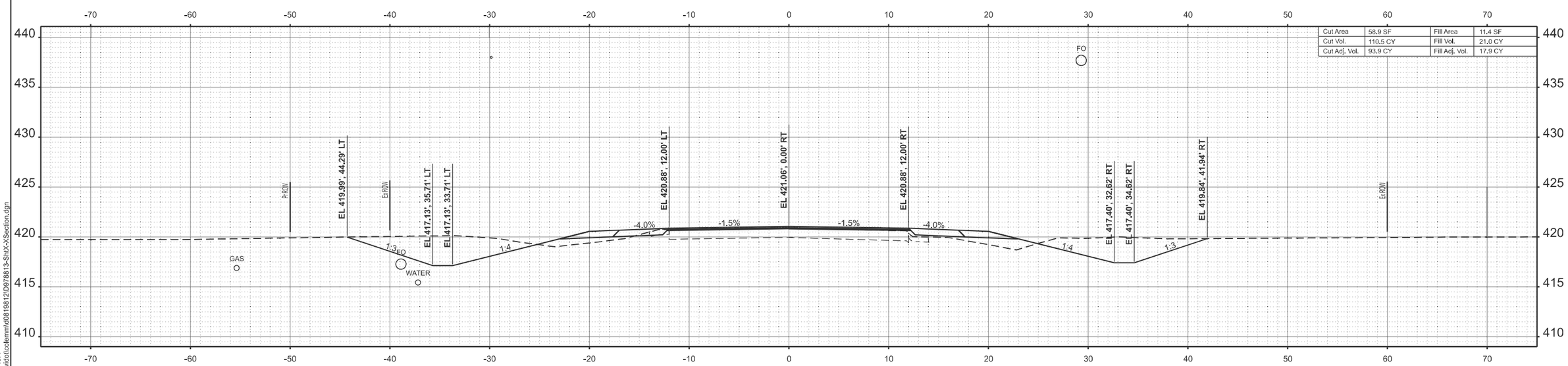

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

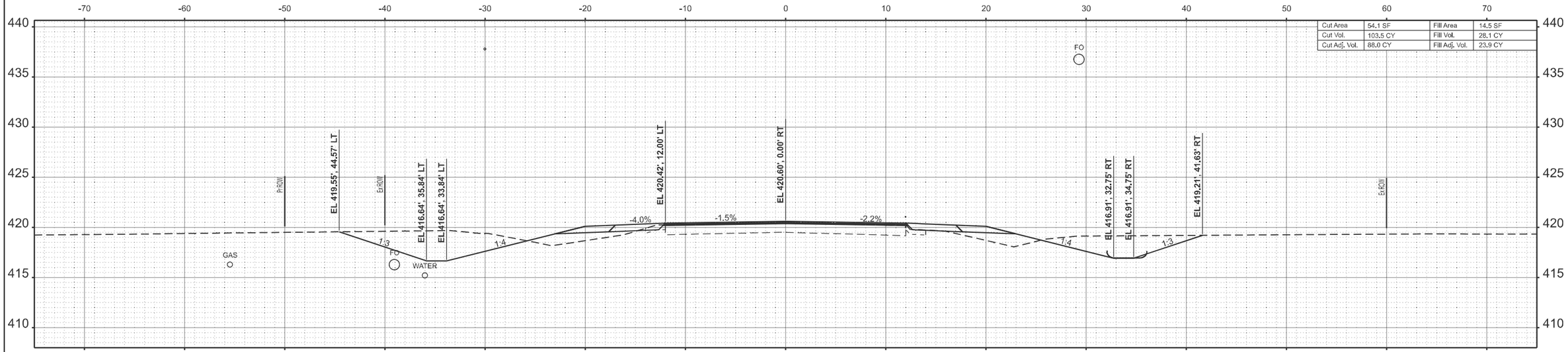
CROSS SECTIONS

SCALE: | SHEET 30 OF 124 SHEETS | STA. | TO STA.

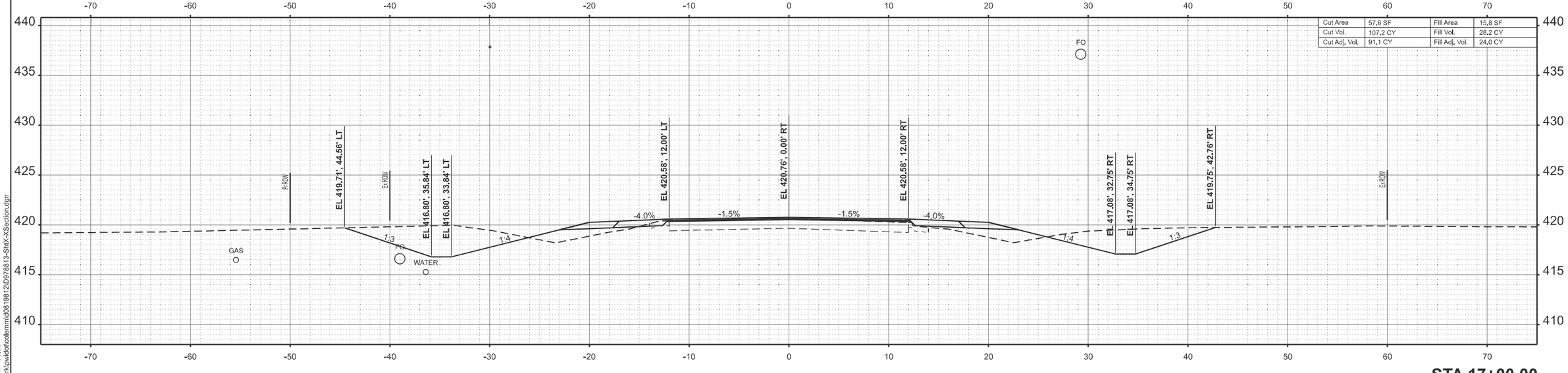
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	107

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 17+50.00



STA 17+00.00

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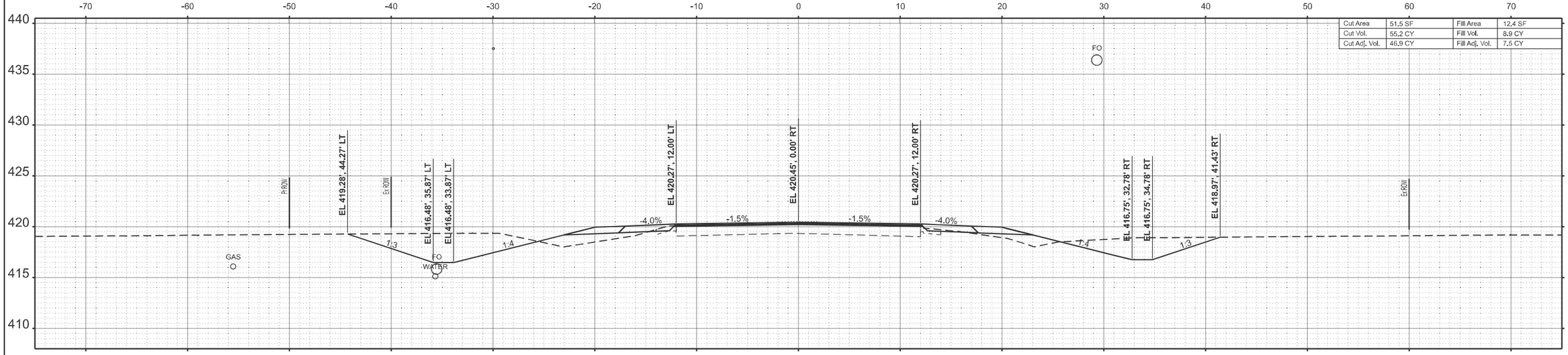
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

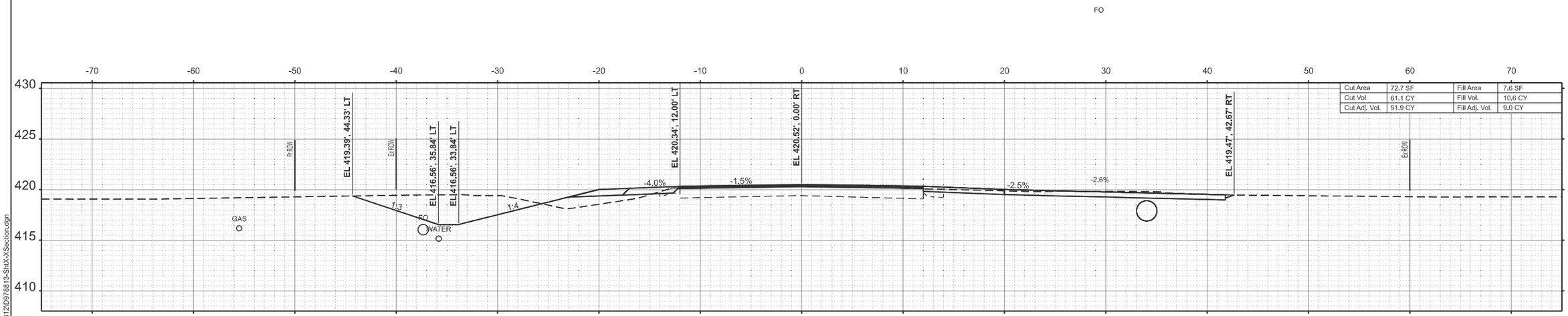
CROSS SECTIONS

SCALE: | SHEET 31 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	108
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 18+00.00



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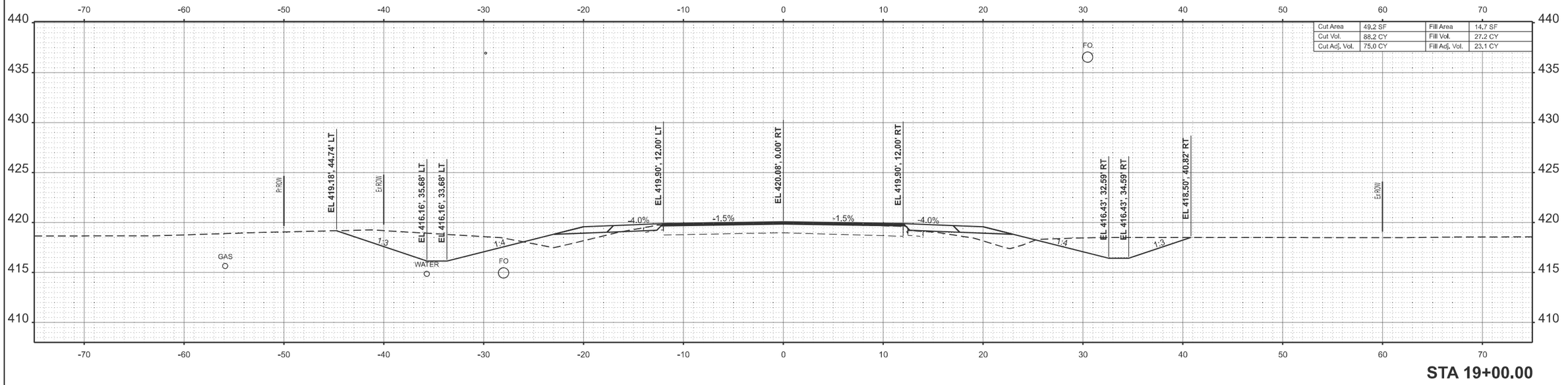
USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

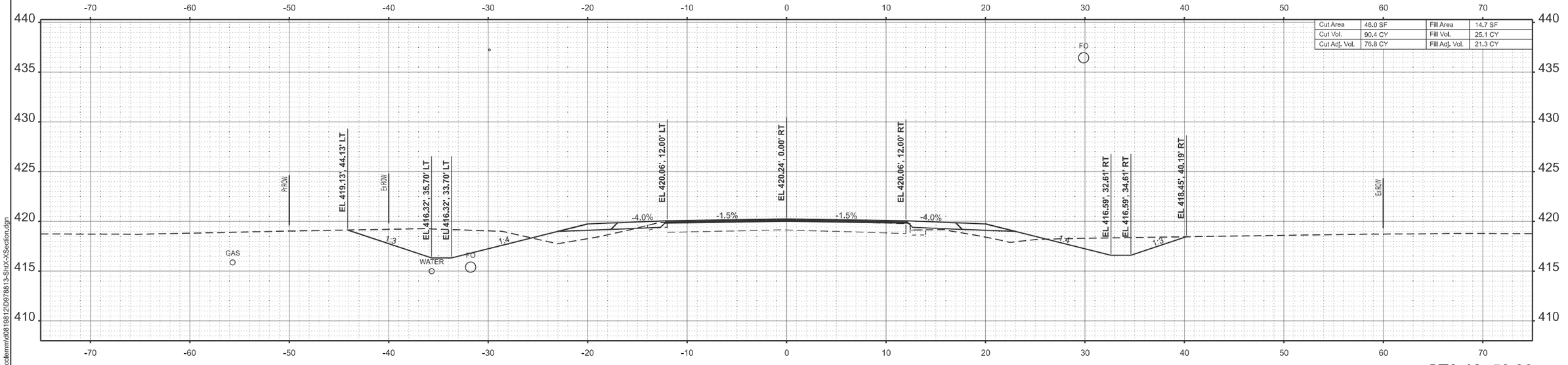
CROSS SECTIONS

SCALE: | SHEET 32 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	109
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 19+00.00



STA 18+50.00

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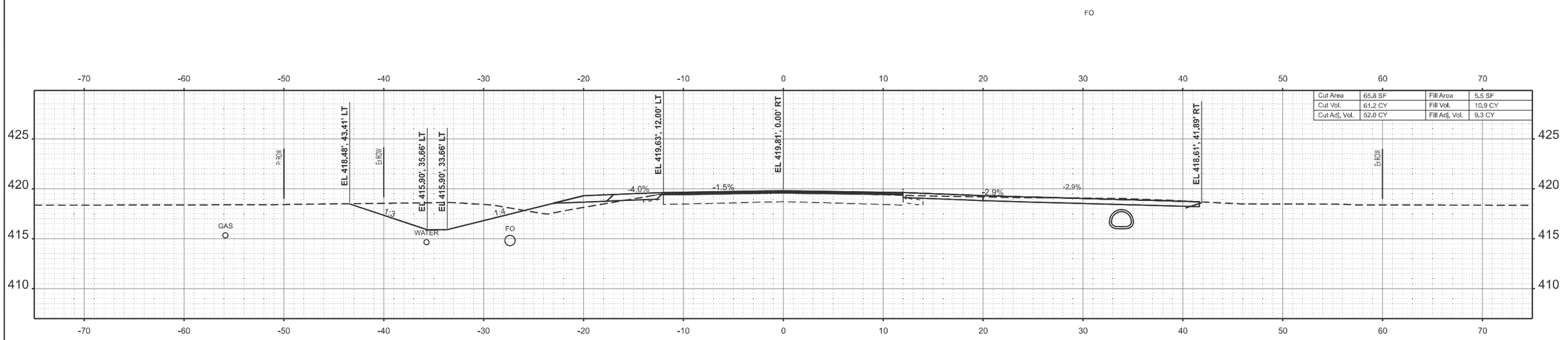
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 33 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	110
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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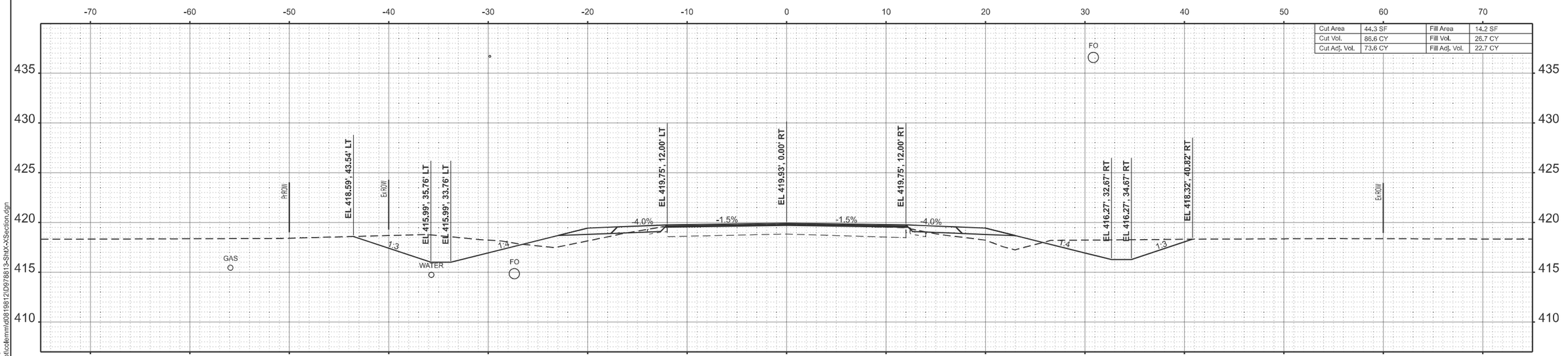

STA 19+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

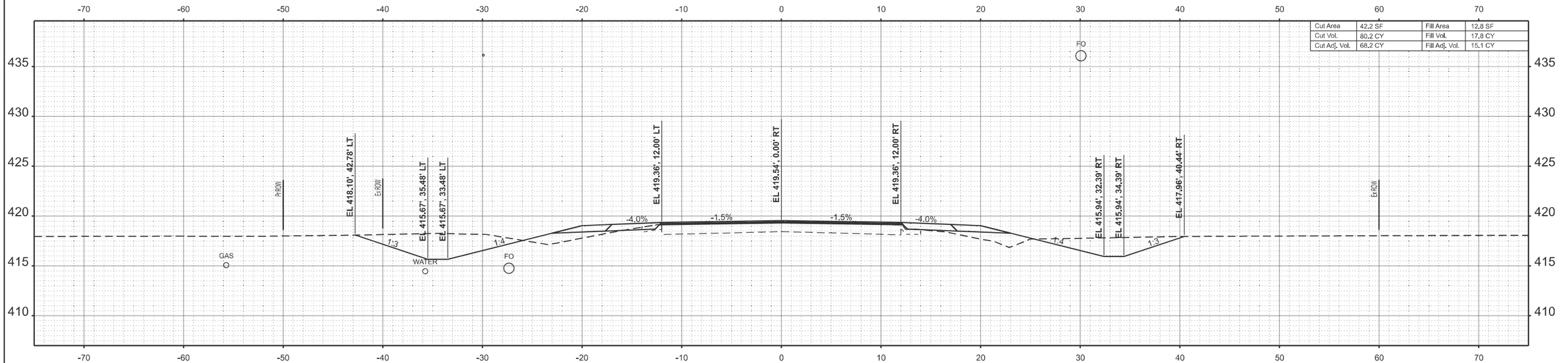
CROSS SECTIONS

SCALE: SHEET 34 OF 124 SHEETS STA. TO STA.

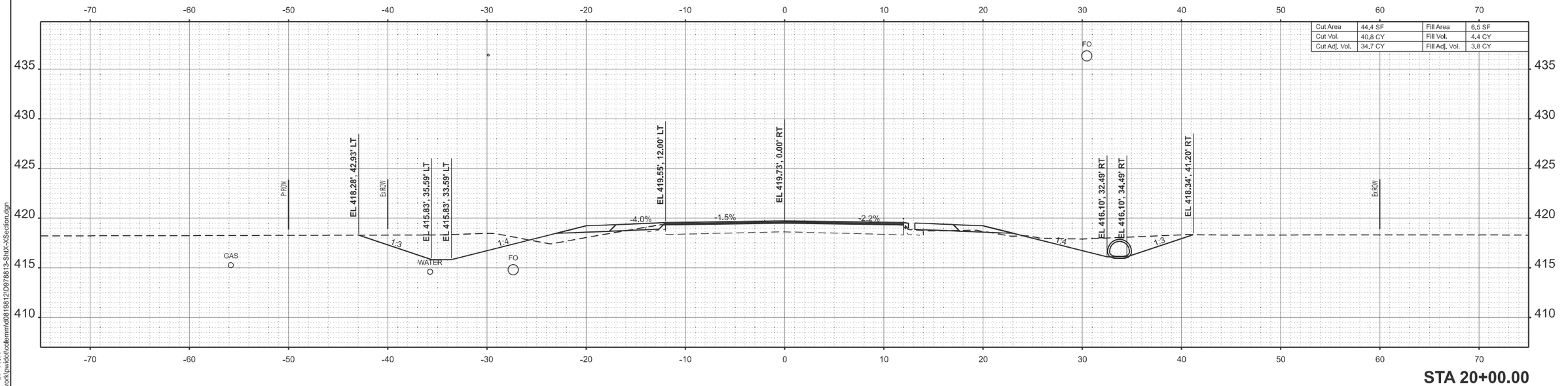
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	111

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



STA 20+50.00



STA 20+00.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

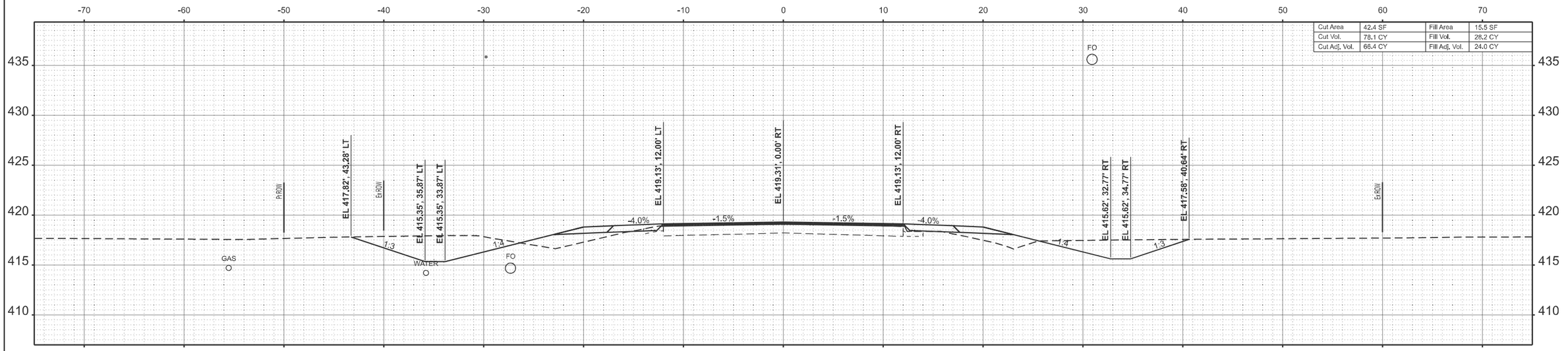
CROSS SECTIONS

SCALE: | SHEET 35 OF 124 SHEETS | STA. | TO STA.

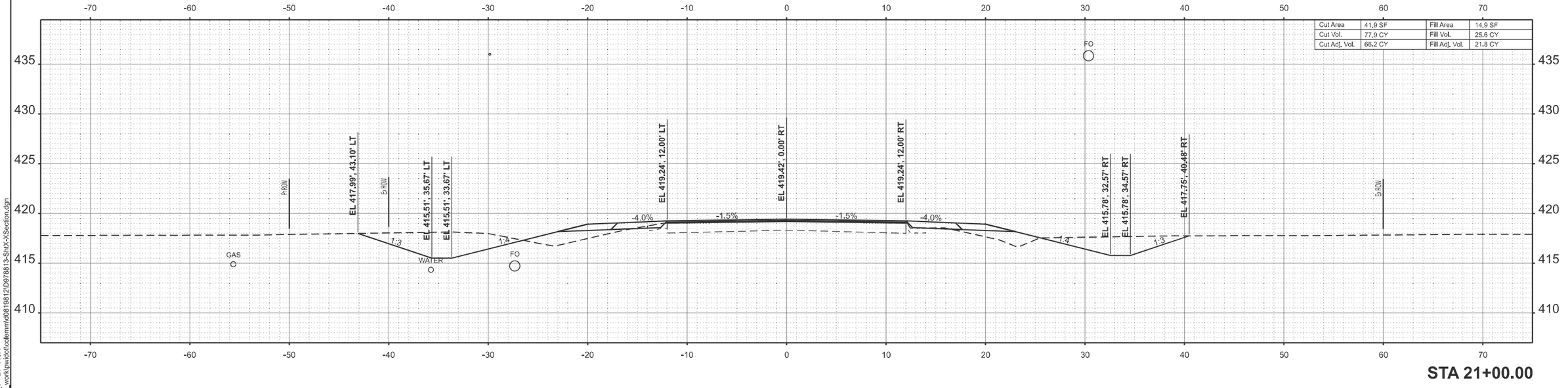
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	112

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 21+50.00



STA 21+00.00

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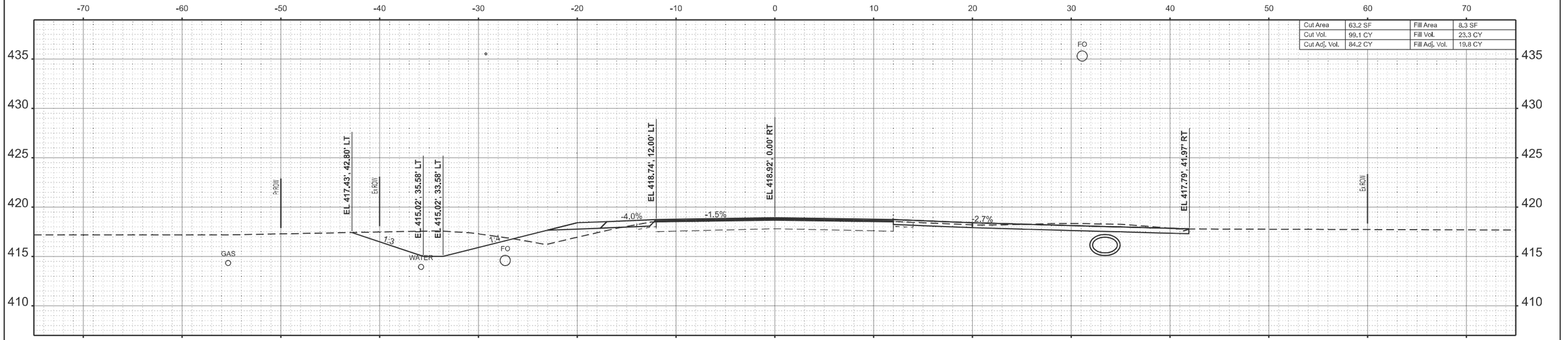
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

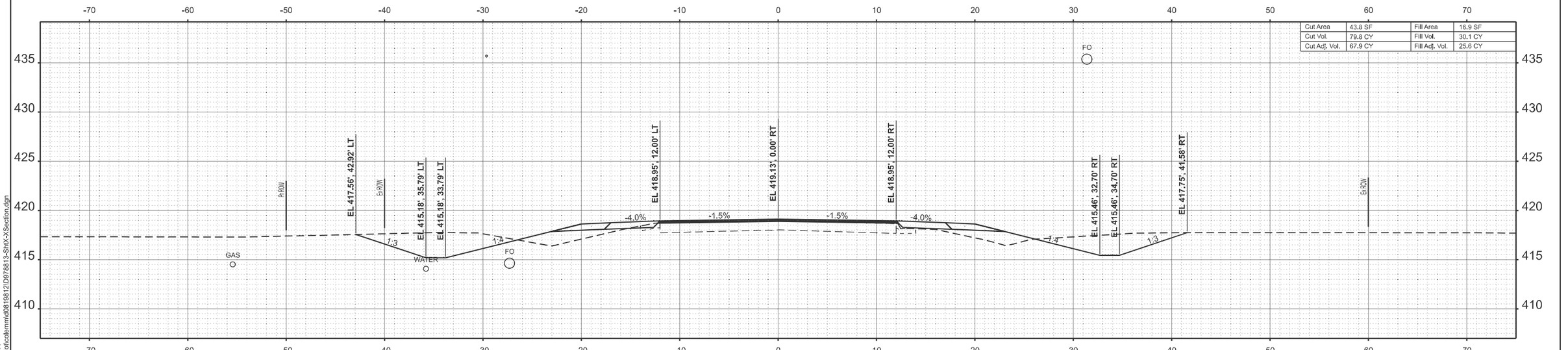
CROSS SECTIONS

SCALE: | SHEET 36 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	113
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 22+50.00



STA 22+00.00

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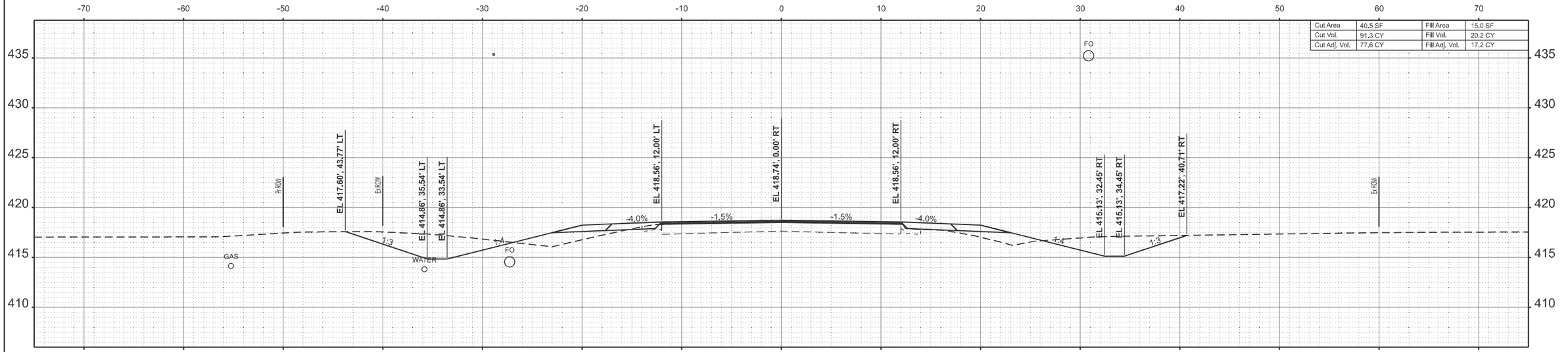
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 37 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	114
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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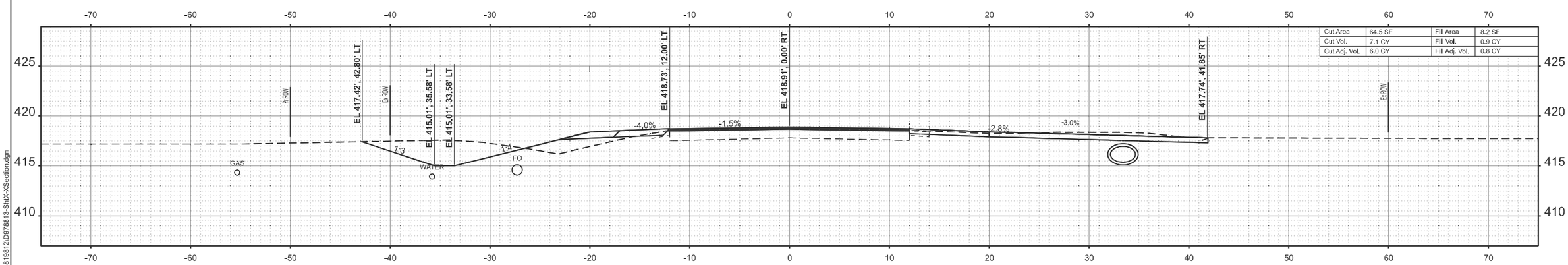

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
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PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

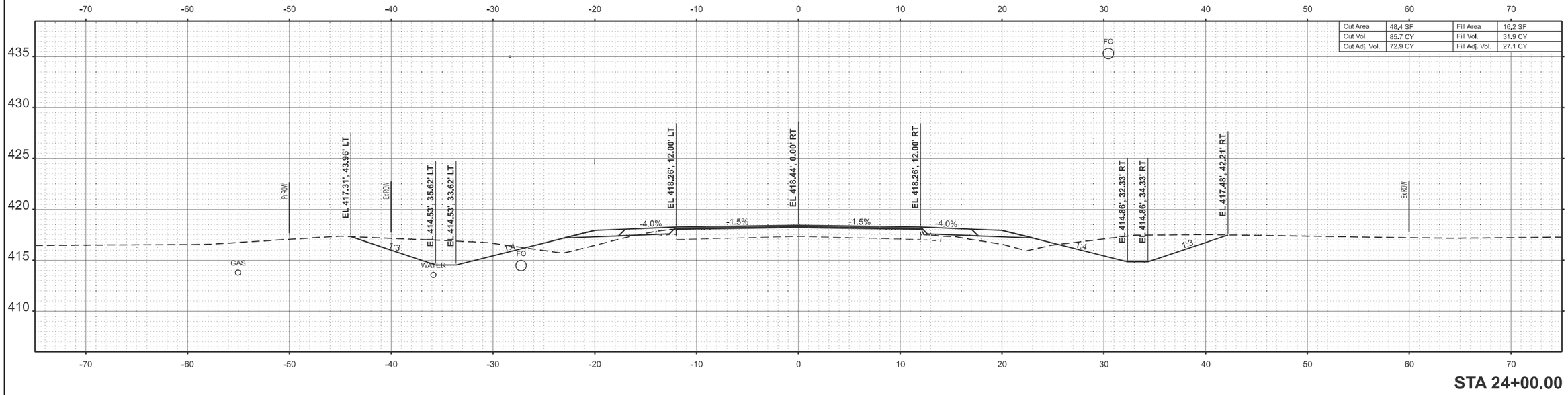
CROSS SECTIONS

SCALE: | SHEET 38 OF 124 SHEETS | STA. | TO STA.

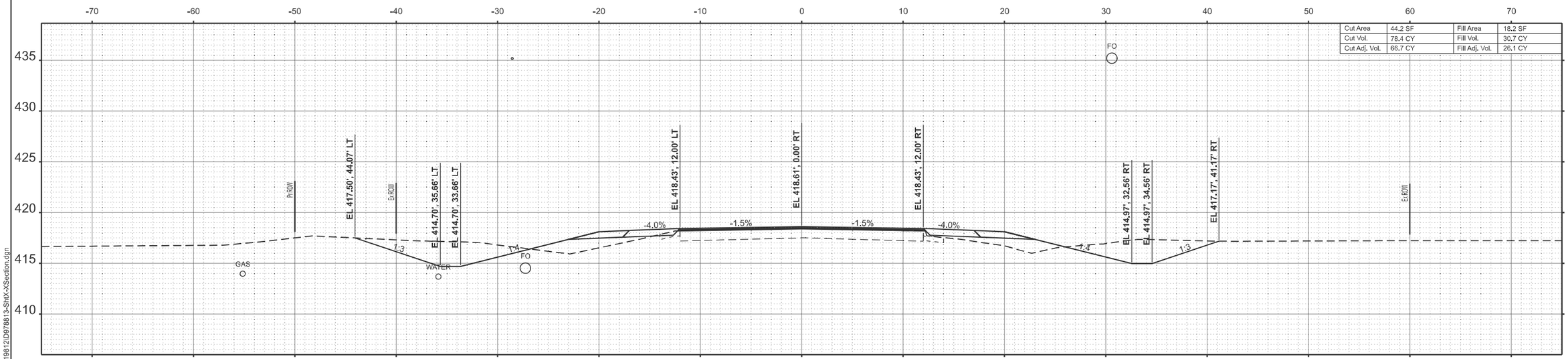
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	115

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 24+00.00



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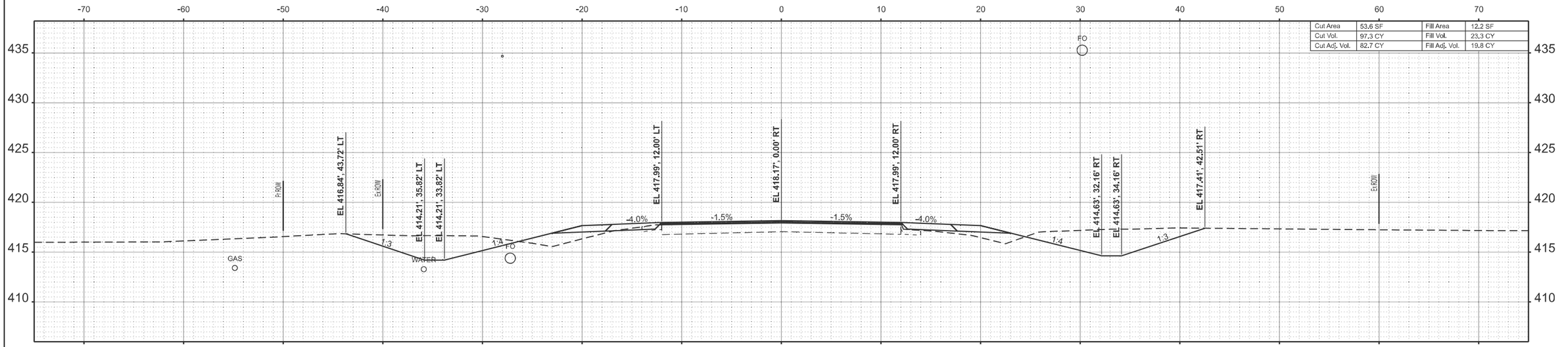
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

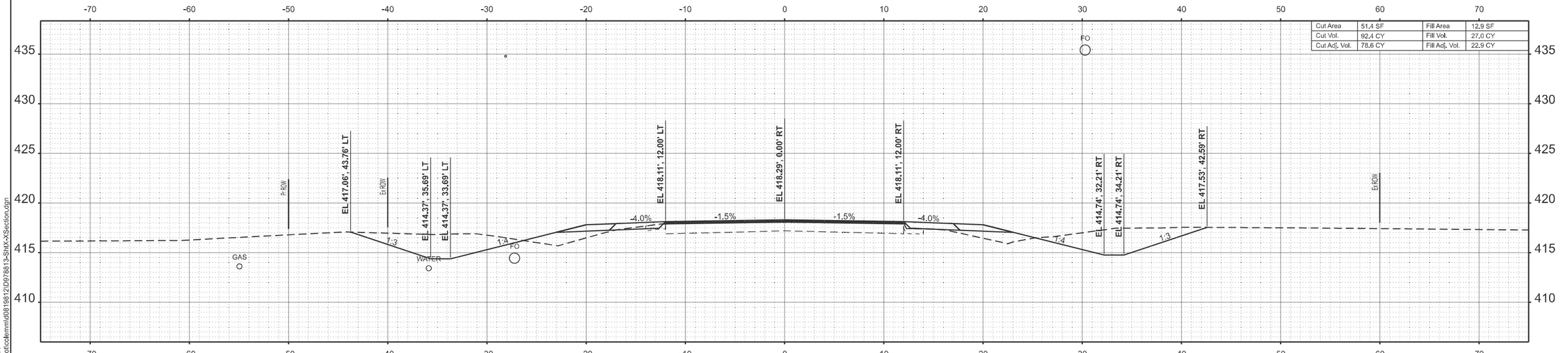
CROSS SECTIONS

SCALE: | SHEET 39 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	116
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 25+00.00



STA 24+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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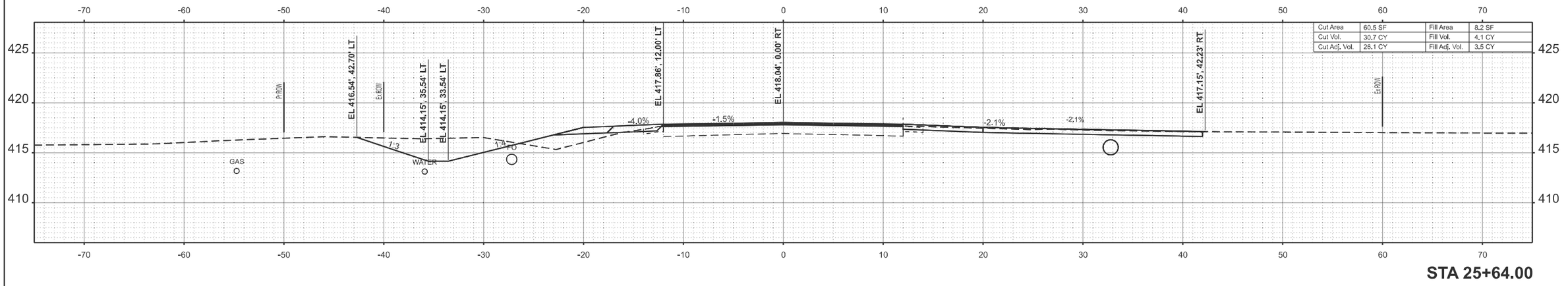
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 40 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	117
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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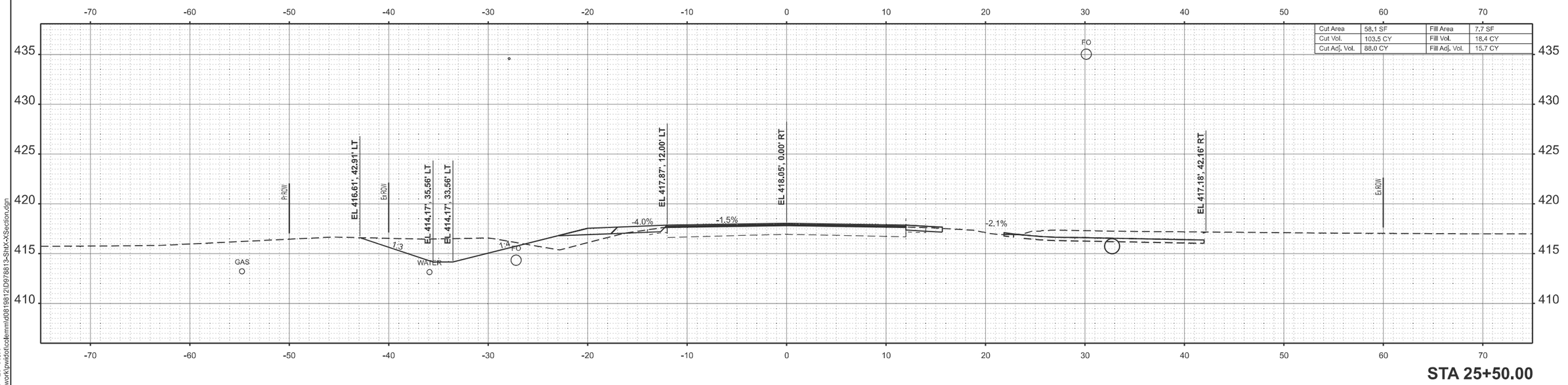

STA 25+50.00

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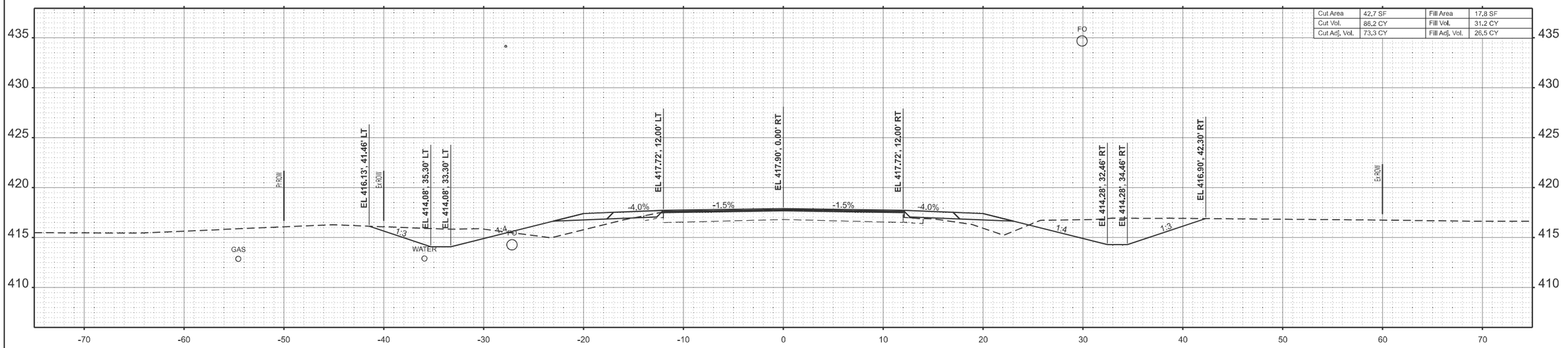
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

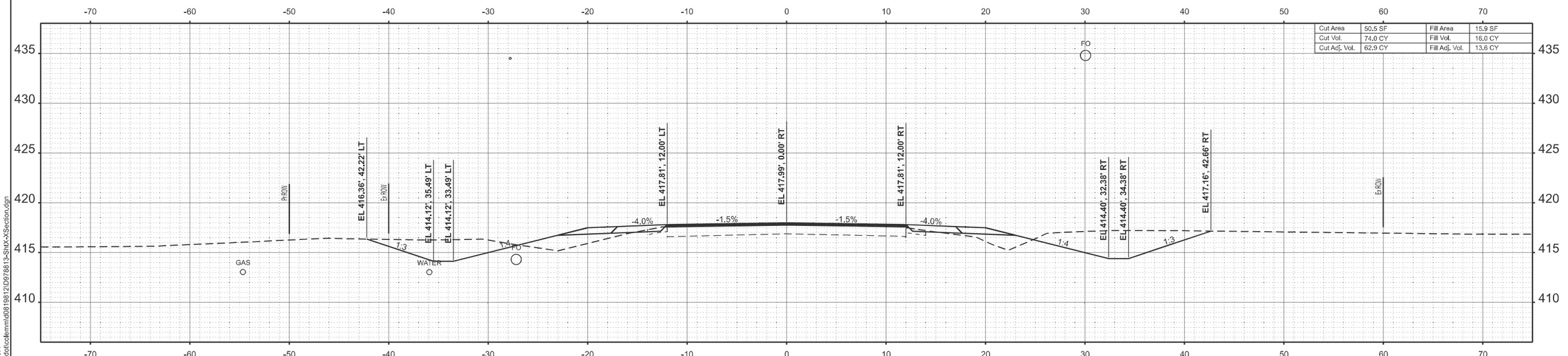
CROSS SECTIONS

SCALE: | SHEET 41 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	118
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 26+50.00



STA 26+00.00

MODEL: IL14_TL_C - 26+00.00
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-ShtX-XSection.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

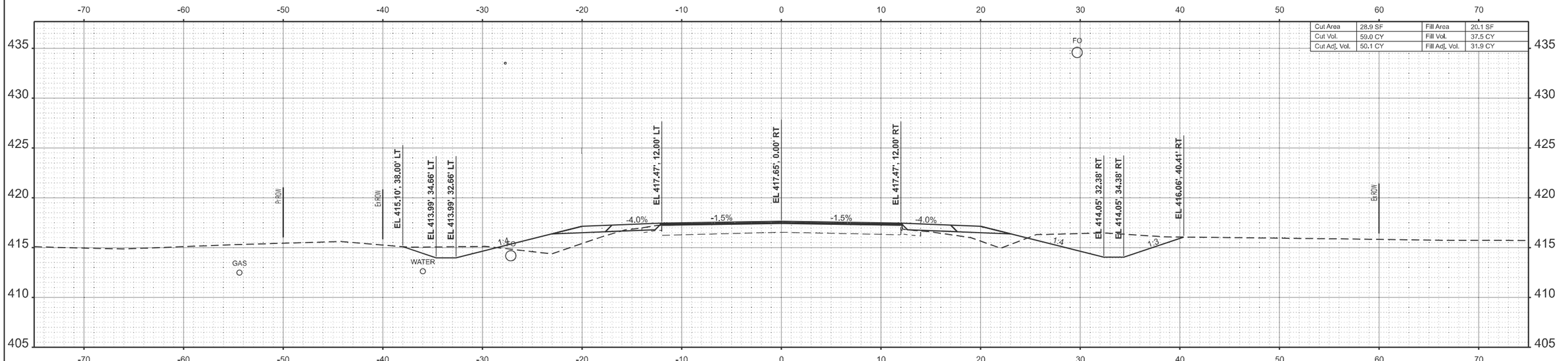
CROSS SECTIONS

SCALE: | SHEET 42 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	119

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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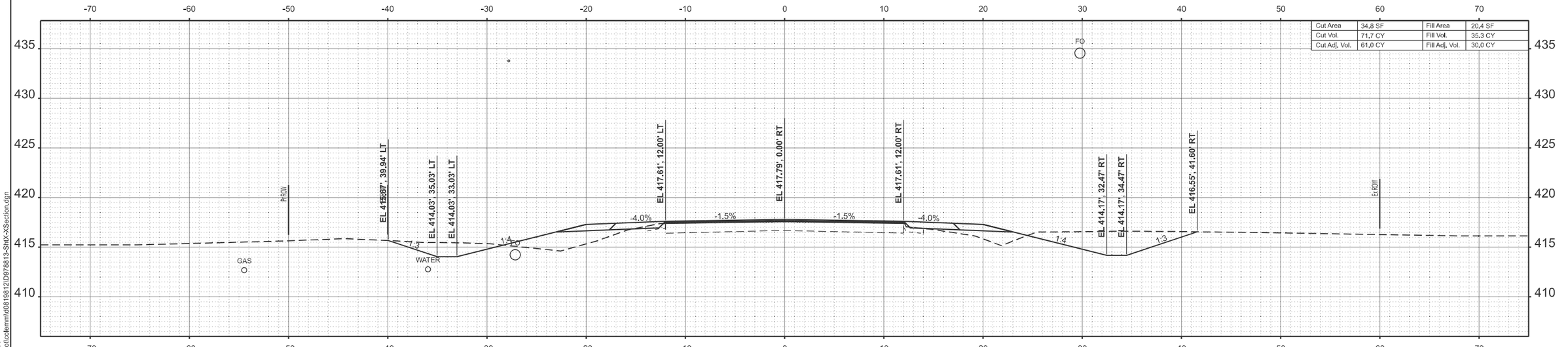

STA 27+00.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

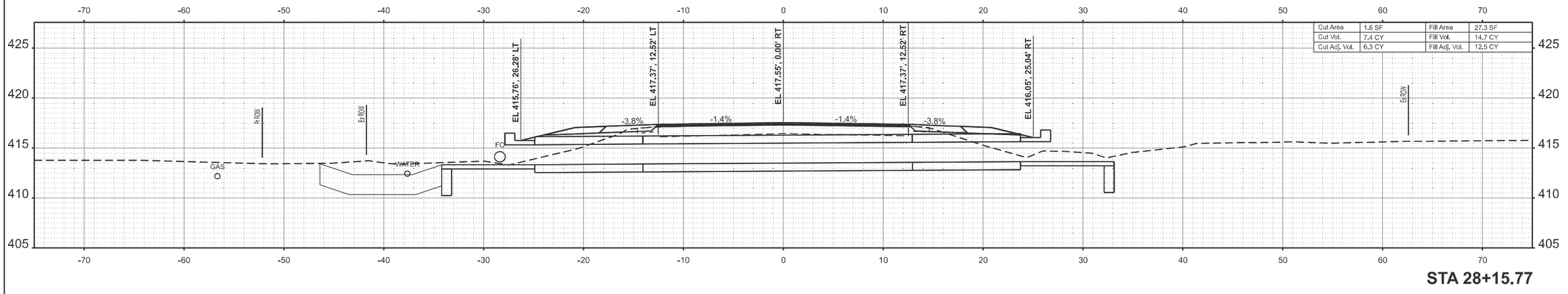
CROSS SECTIONS

SCALE: SHEET 43 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	120

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



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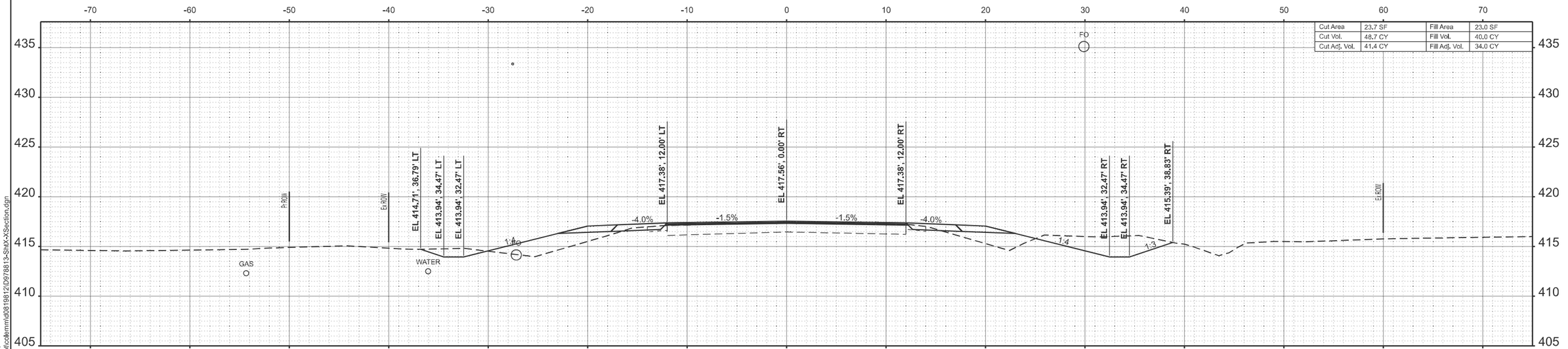


STA 28+00.00

MODEL: IL14_TL_C - 28+00.00
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht\X-Section.dgn

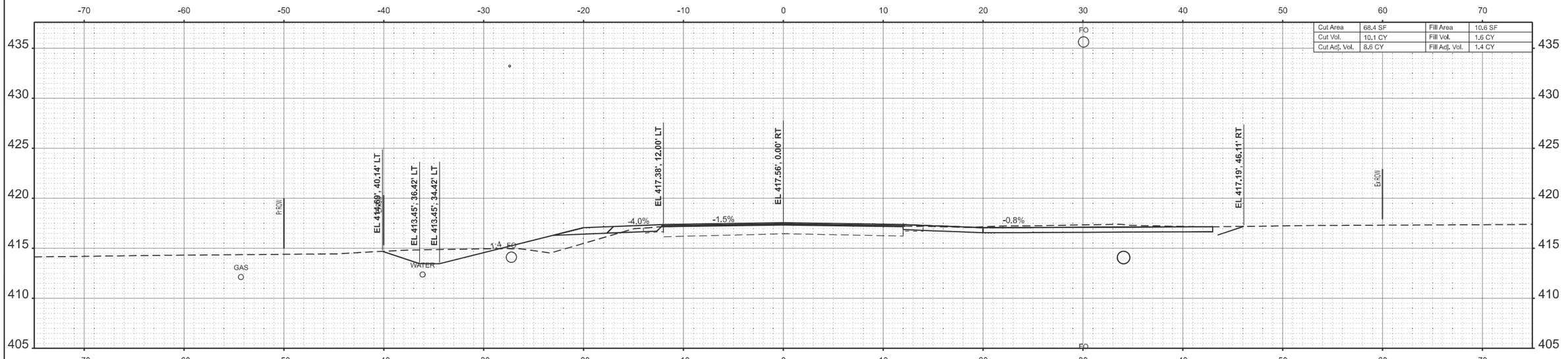
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

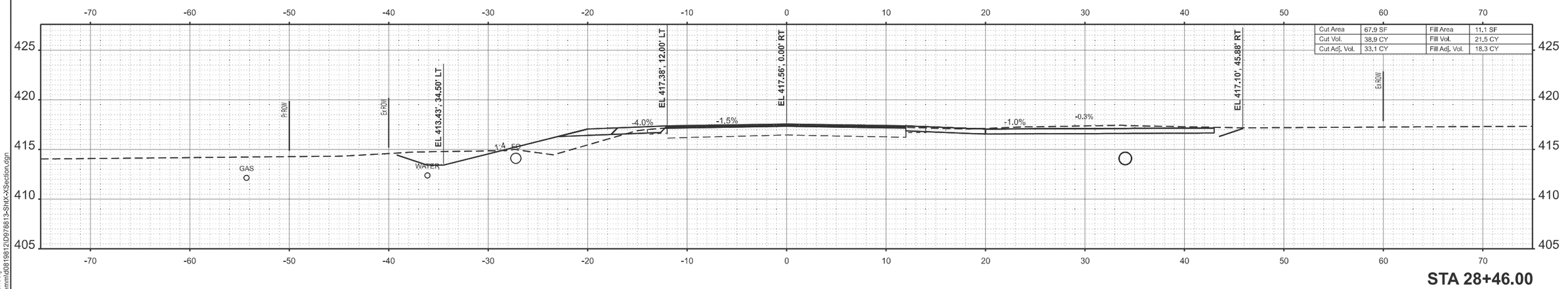
CROSS SECTIONS

SCALE: | SHEET 44 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	121
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 28+50.00



STA 28+46.00

MODEL: IL14_TL_C - 28+46.00-2 [Sheet]
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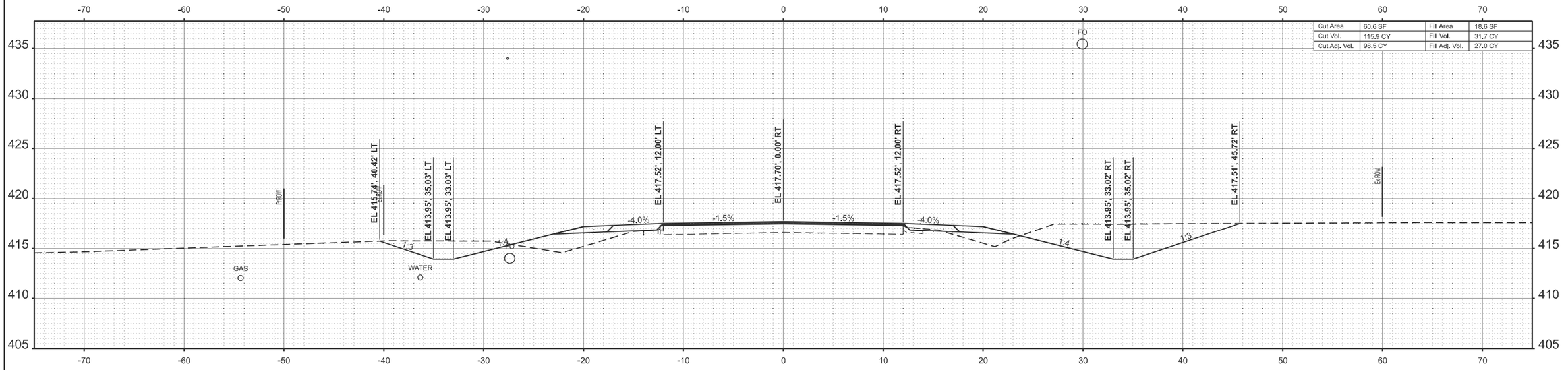
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

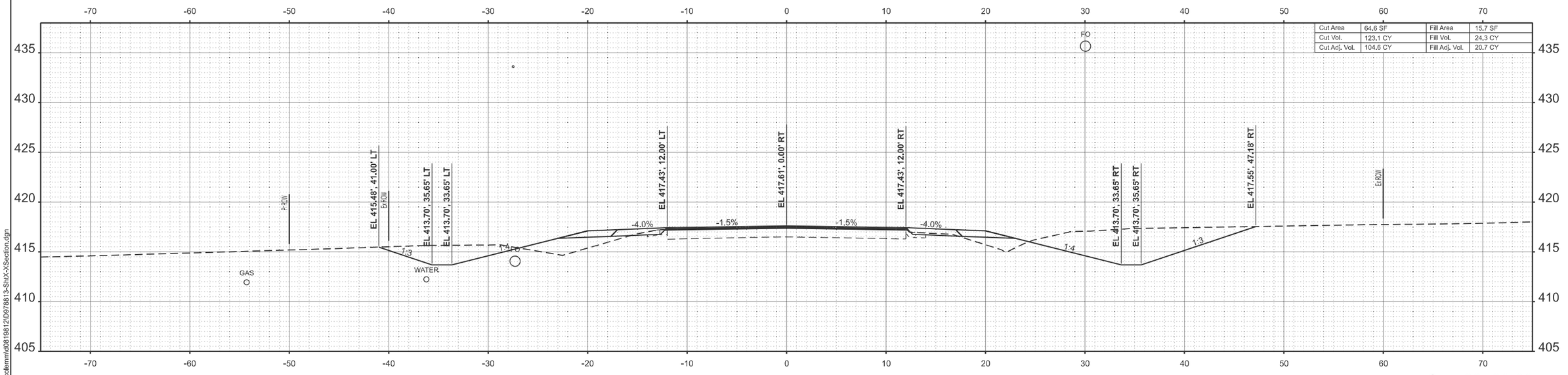
CROSS SECTIONS

SCALE: | SHEET 45 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	122
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 29+50.00



STA 29+00.00

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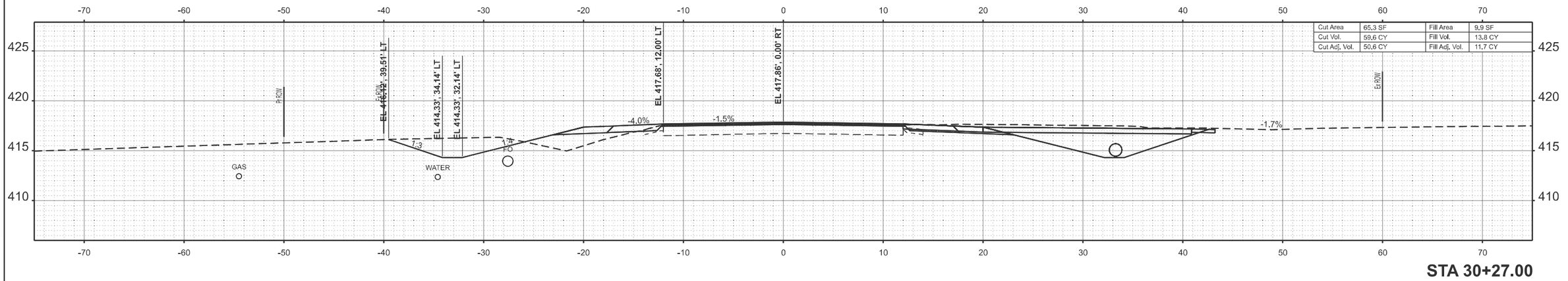
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

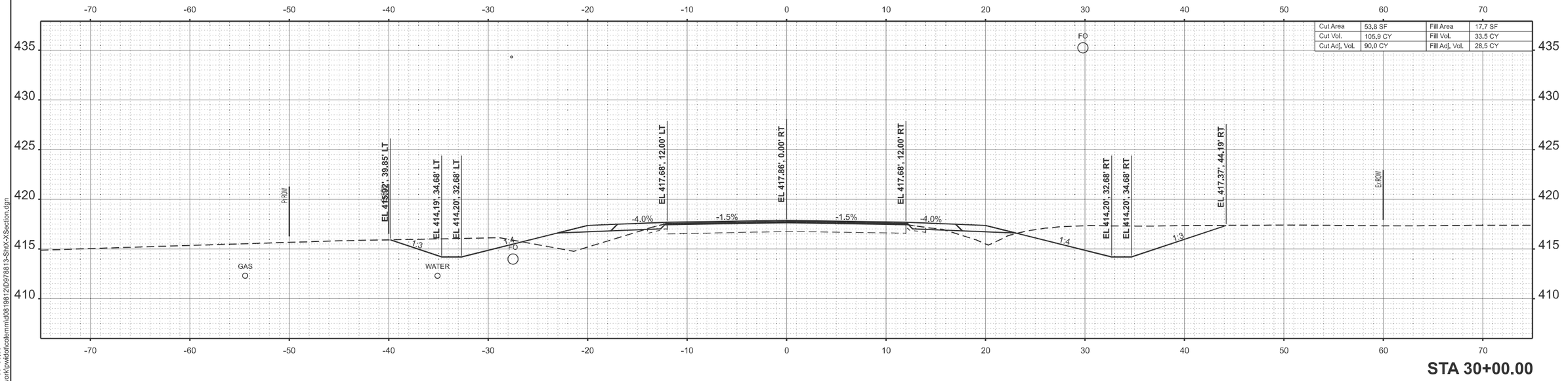
CROSS SECTIONS

SCALE: | SHEET 46 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	123
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 30+27.00



STA 30+00.00

MODEL: IL14_TL_C - 30+00.00
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht\X-Section.dgn

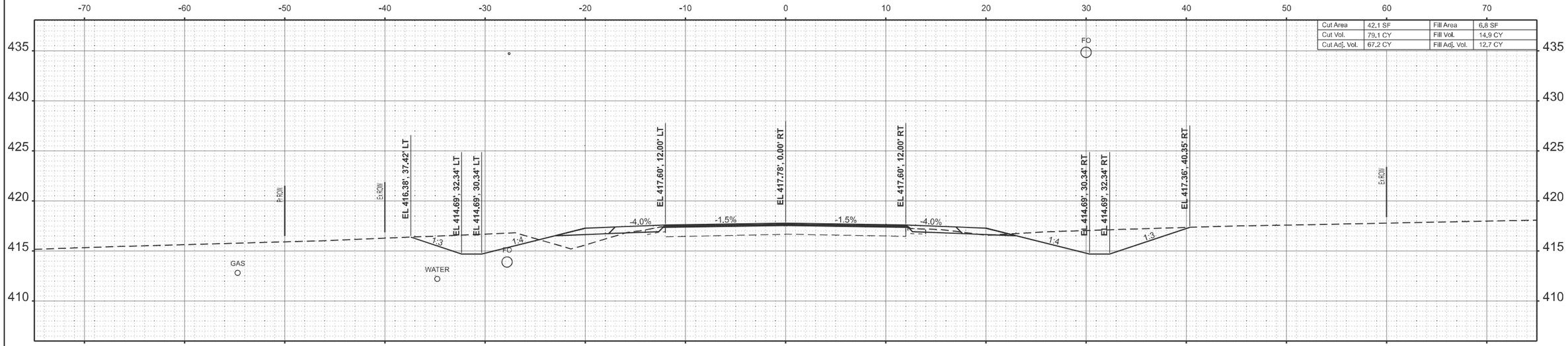
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/22/2025	DATE -	REVISED -	

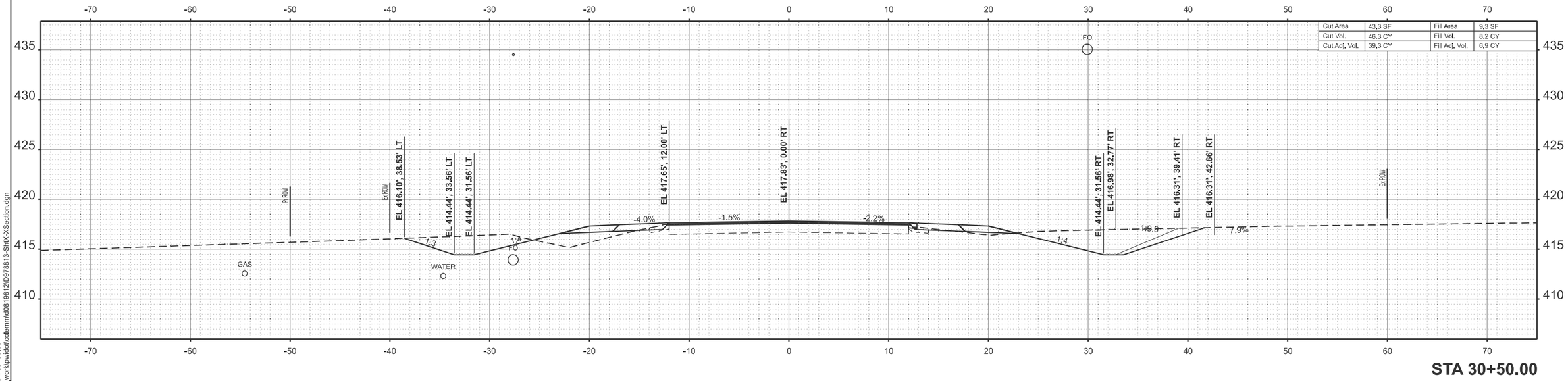
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 47 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	124
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			





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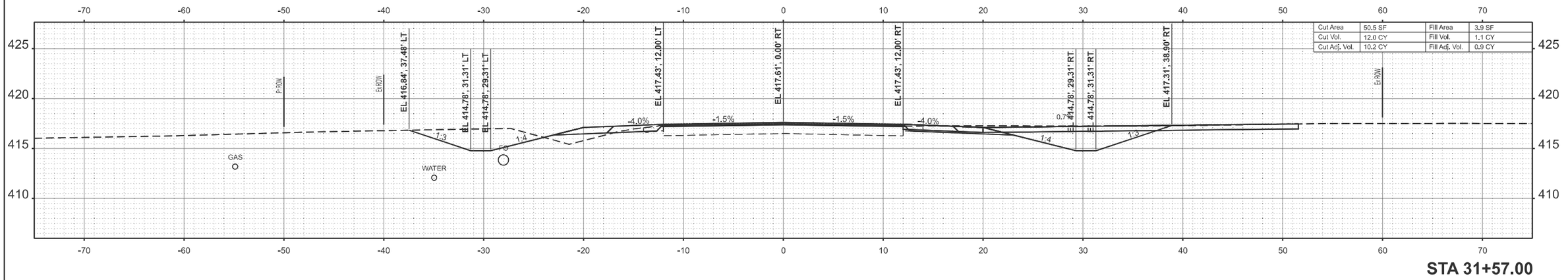
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/22/2025	DATE -	REVISED -	

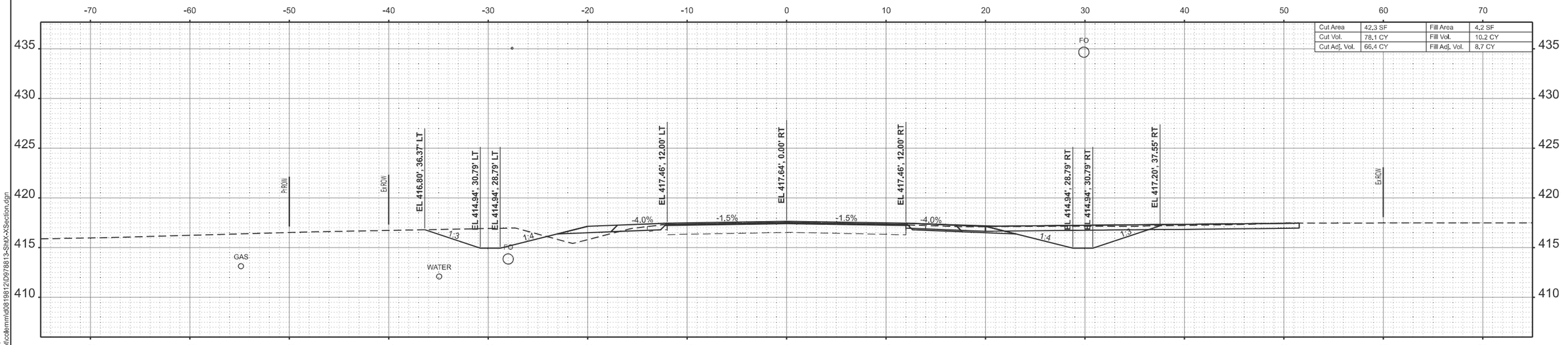
CROSS SECTIONS

SCALE: | SHEET 48 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	125
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 31+57.00



STA 31+50.00

MODEL: IL14_TL_C - 31+50.00
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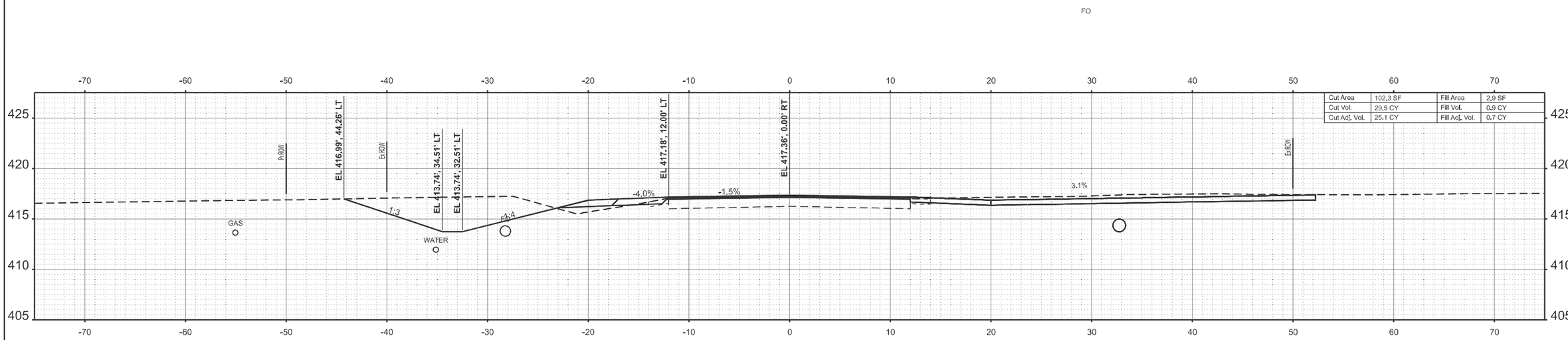
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

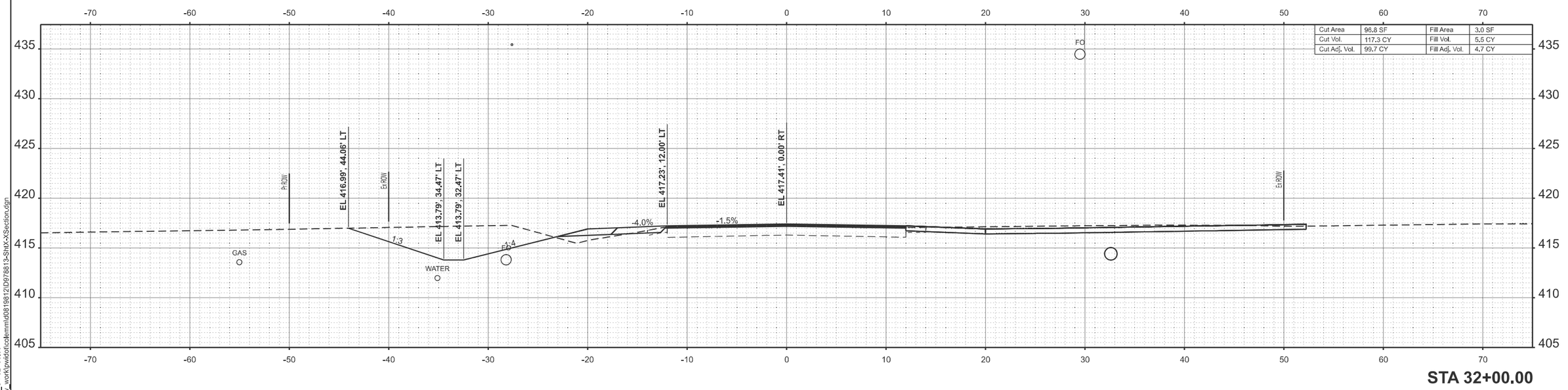
SCALE: | SHEET 49 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	126
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



Cut Area	102.3 SF	Fill Area	2.9 SF
Cut Vol.	29.5 CY	Fill Vol.	0.9 CY
Cut Adj. Vol.	25.1 CY	Fill Adj. Vol.	0.7 CY

STA 32+08.00



Cut Area	96.8 SF	Fill Area	3.0 SF
Cut Vol.	117.3 CY	Fill Vol.	5.5 CY
Cut Adj. Vol.	99.7 CY	Fill Adj. Vol.	4.7 CY

STA 32+00.00

MODEL: IL14_TL_C - 32+00.00
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-ShtX-XSection.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

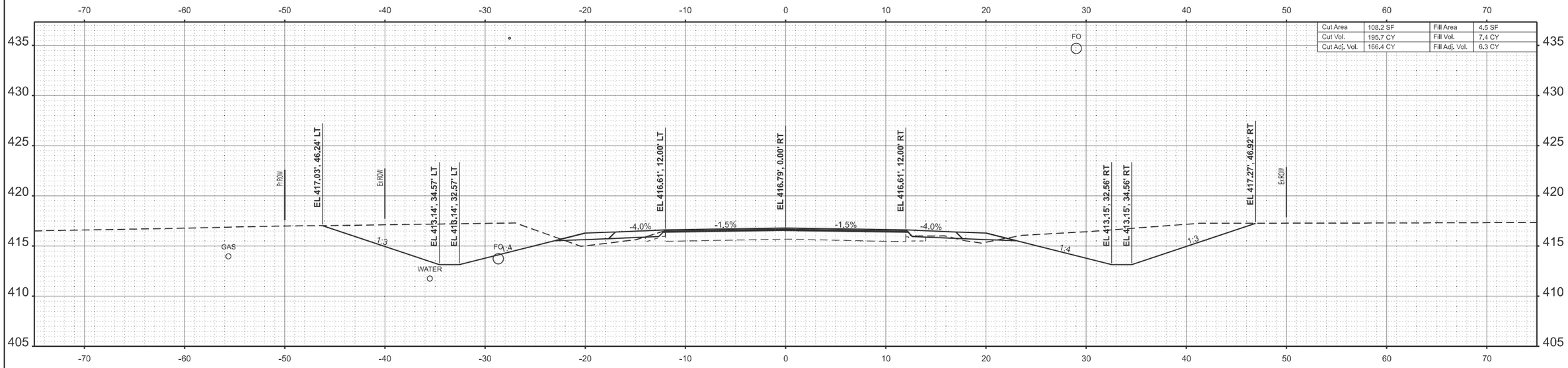
CROSS SECTIONS

SCALE: | SHEET 50 OF 124 SHEETS | STA. | TO STA.

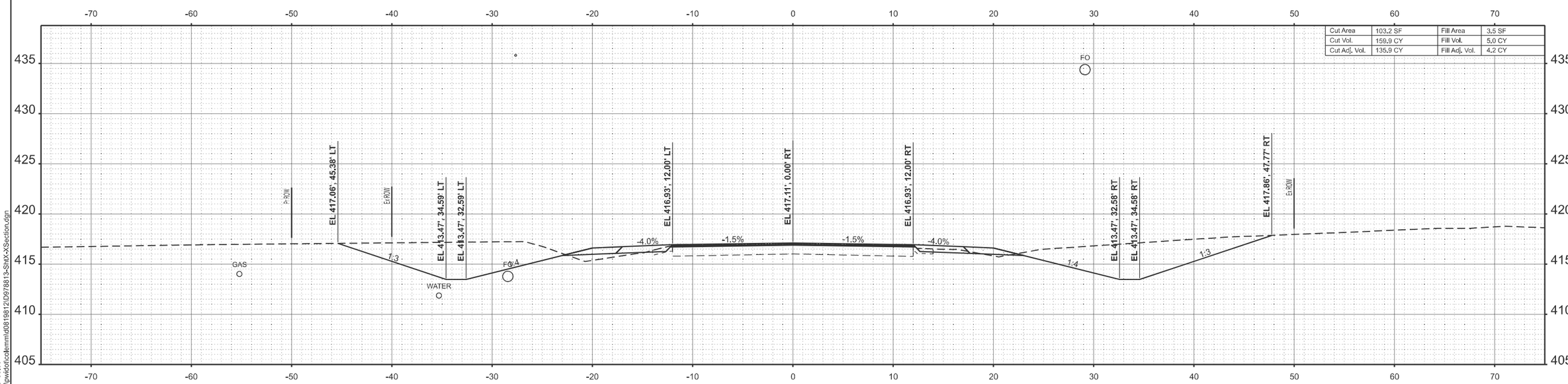
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	127

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 33+00.00



STA 32+50.00

MODEL: IL14_TL_C - 32+50.00
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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

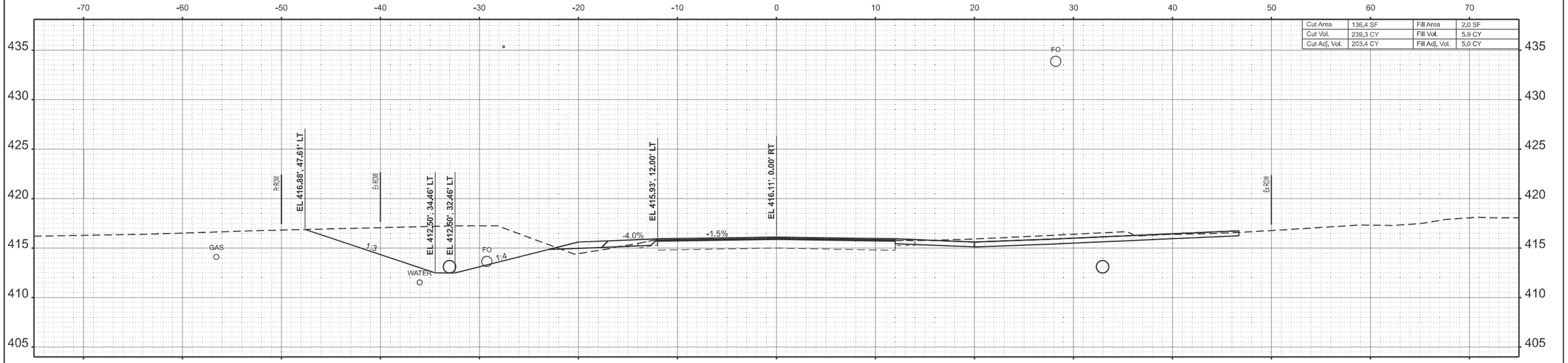
CROSS SECTIONS

SCALE: | SHEET 51 OF 124 SHEETS | STA. | TO STA.

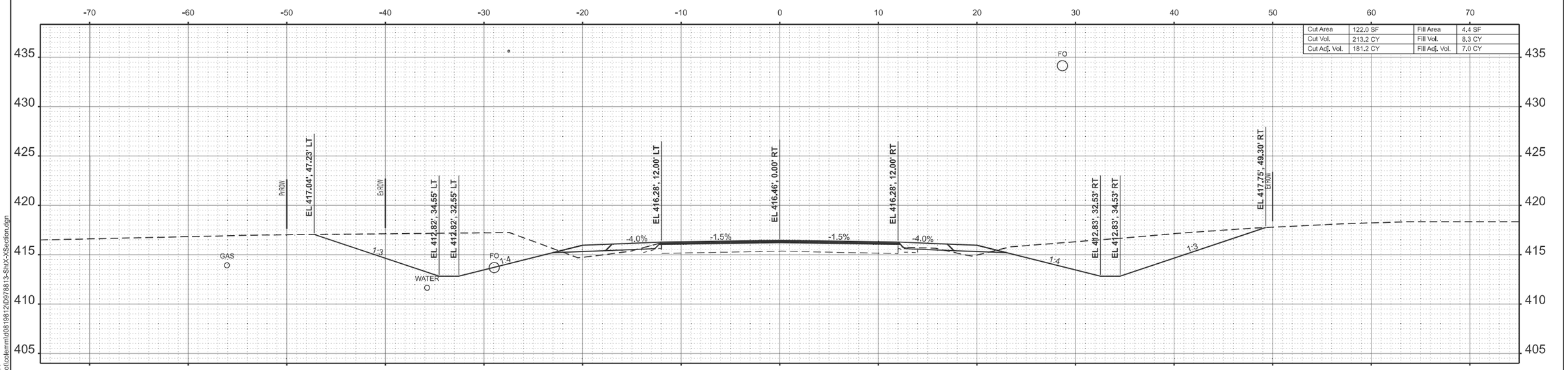
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	128

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 34+00.00



STA 33+50.00

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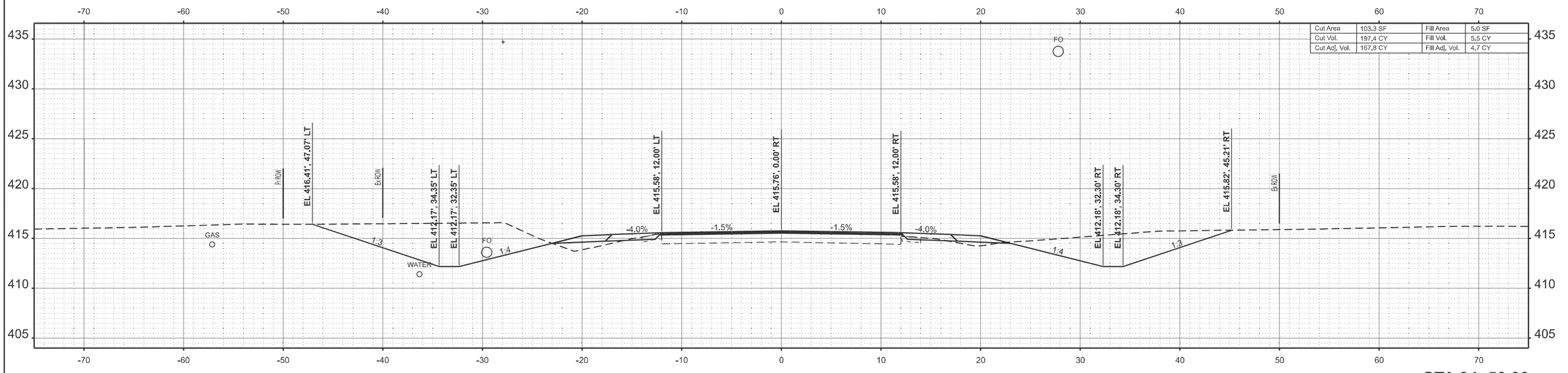
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

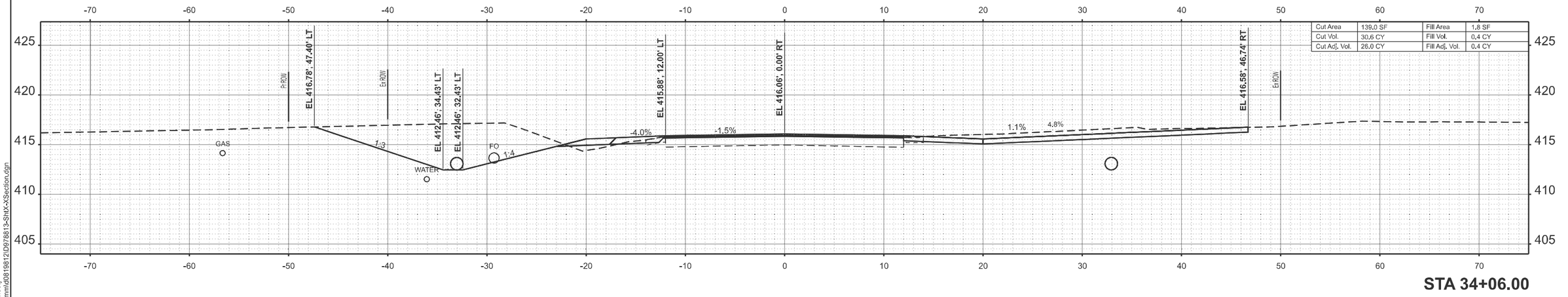
CROSS SECTIONS

SCALE: | SHEET 52 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	129
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 34+50.00



STA 34+06.00

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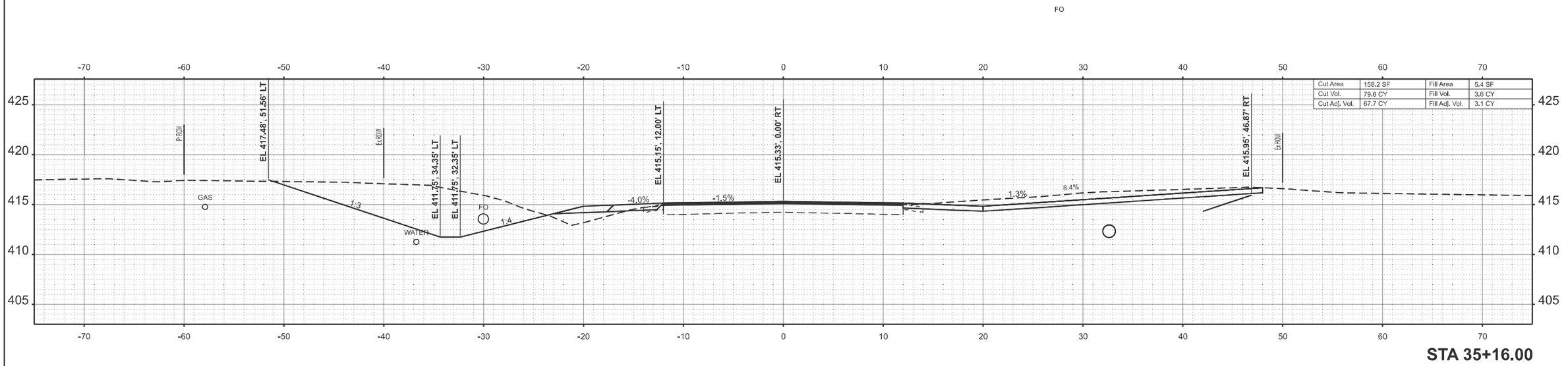
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

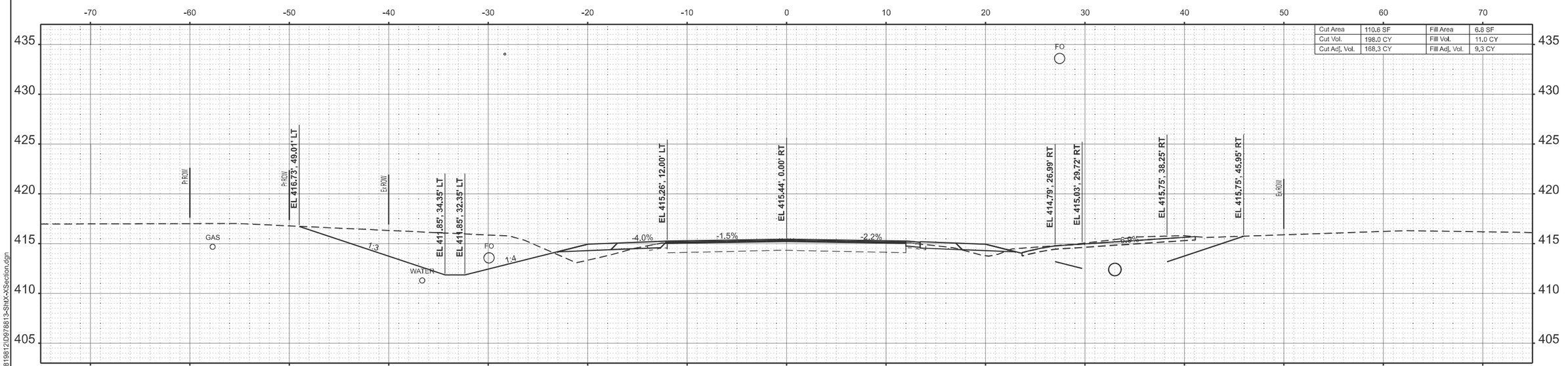
CROSS SECTIONS

SCALE: | SHEET 53 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	130
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 35+16.00



STA 35+00.00

MODEL: IL14_TL_C - 35+00.00
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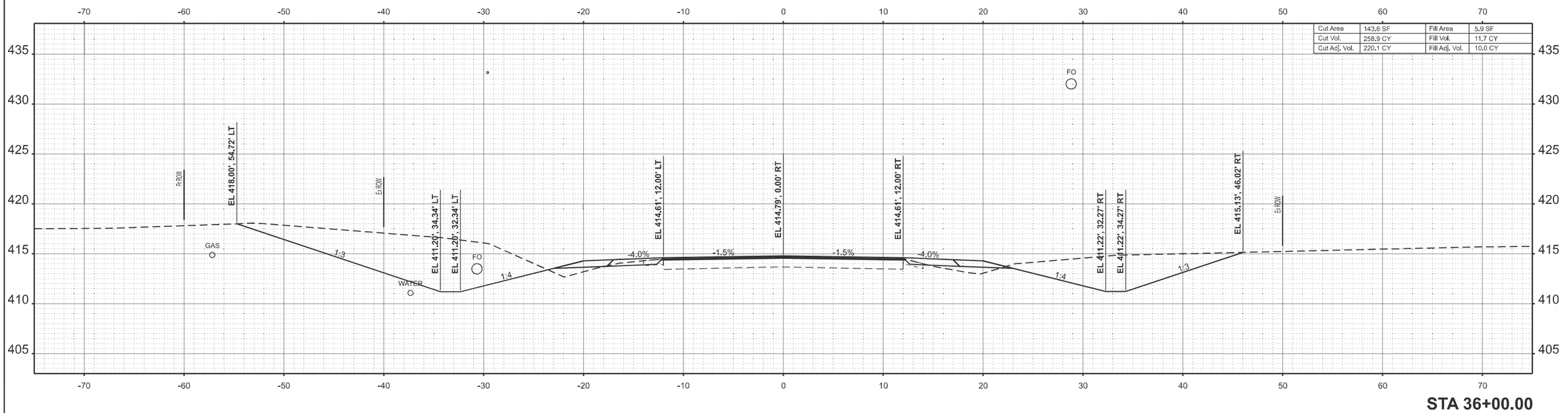
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

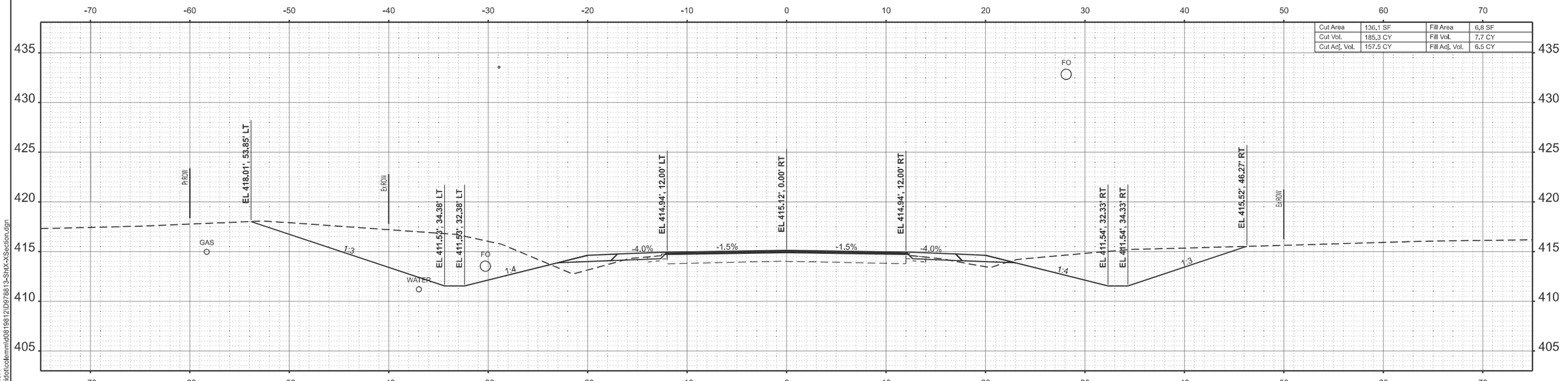
CROSS SECTIONS

SCALE: | SHEET 54 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	131
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 36+00.00



STA 35+50.00

MODEL: IL14_TL_C - 35+50.00
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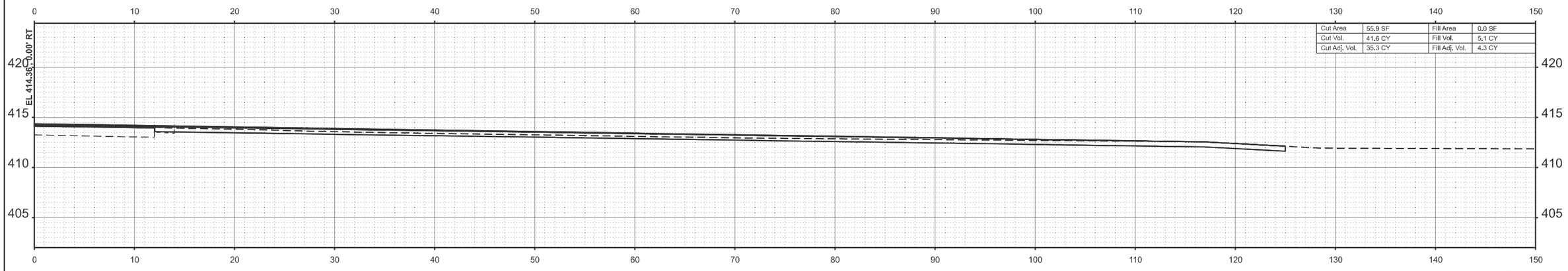
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

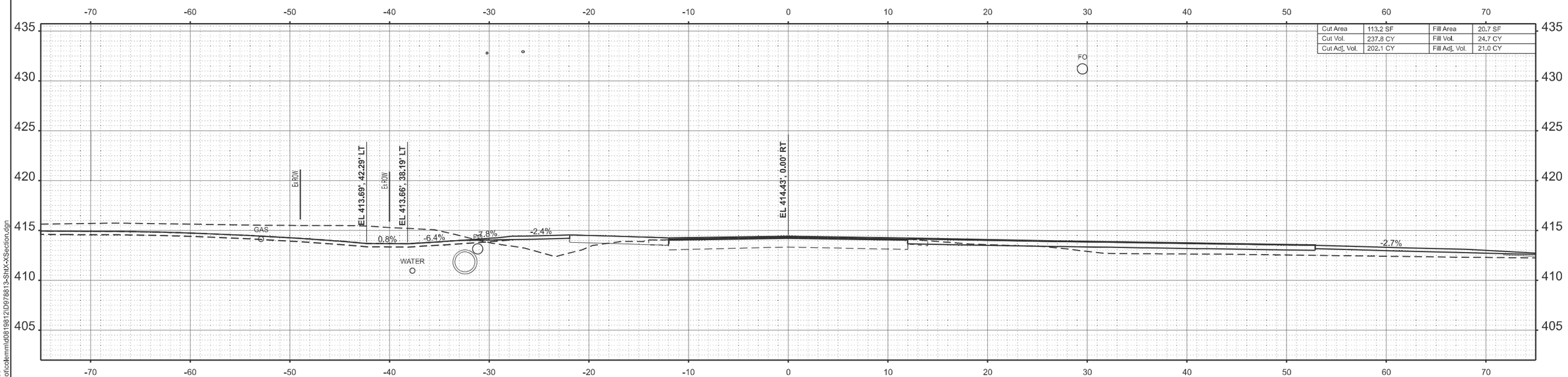
CROSS SECTIONS

SCALE: | SHEET 55 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	132
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 36+63.27



STA 36+50.00

MODEL: IL14_TL_C - 36+50.00
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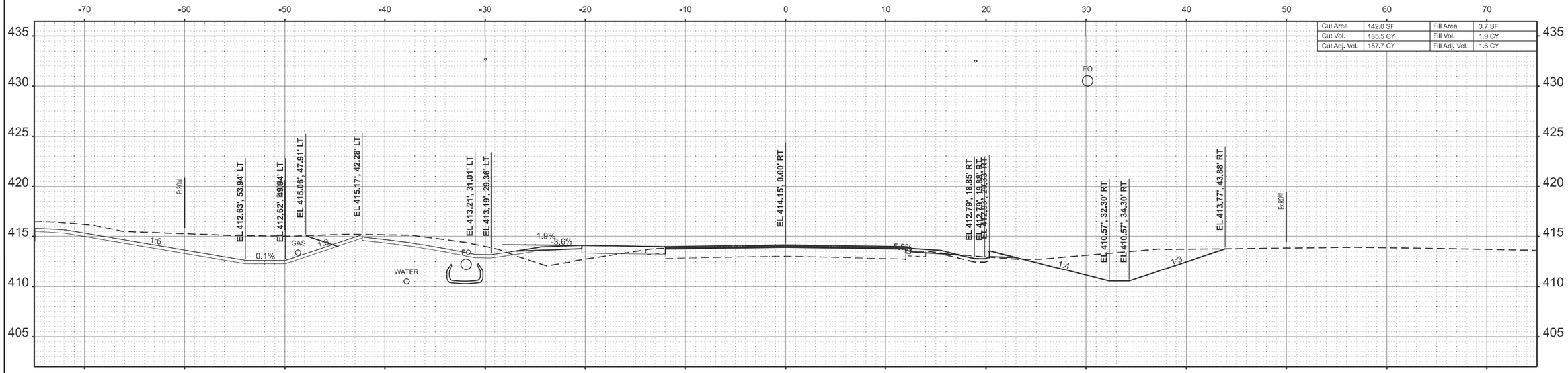
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

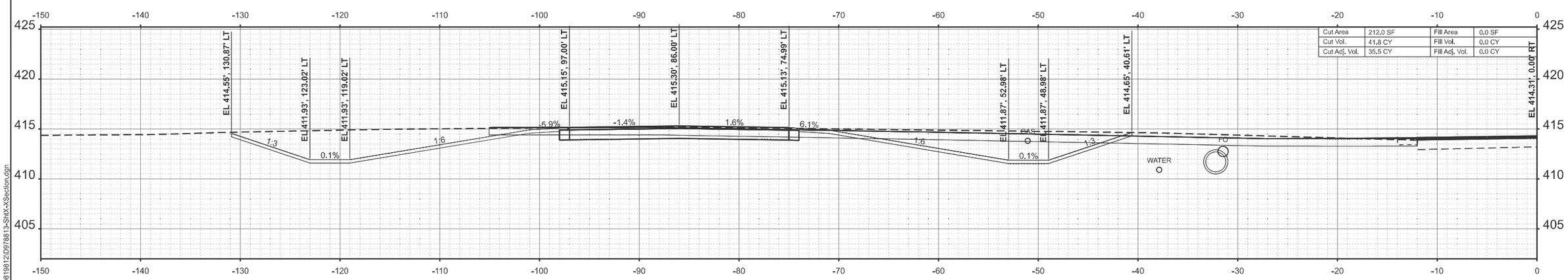
CROSS SECTIONS

SCALE: | SHEET 56 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	133
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 37+00.00



STA 36+71.70

MODEL: IL14_TL_C - 36+71.70-1
FILE NAME: c:\pw_work\pwidot\colemmd\d0819812\D978813-Sht\X-XSection.dgn

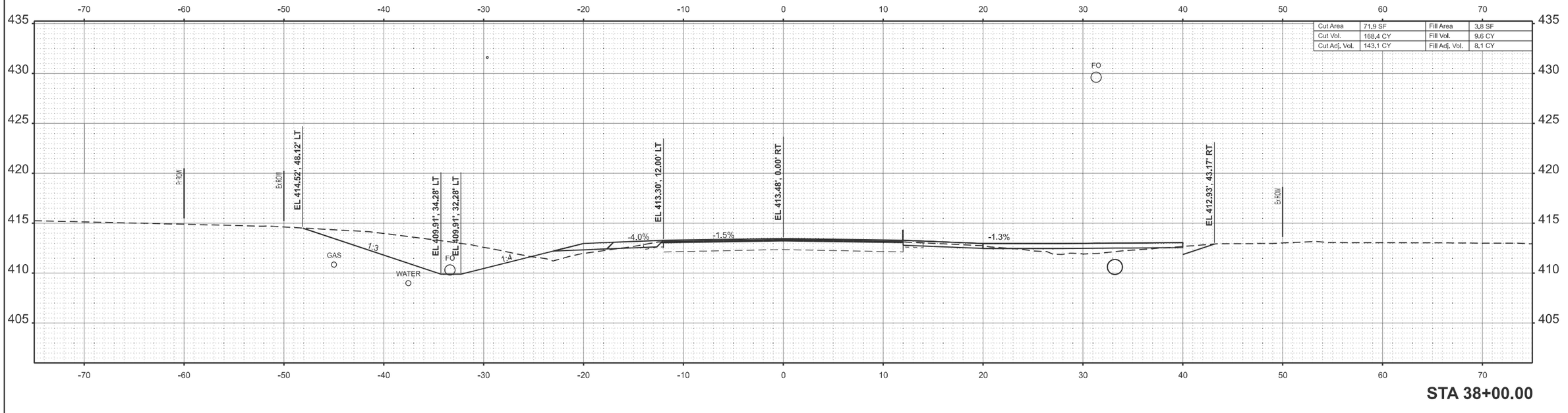
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

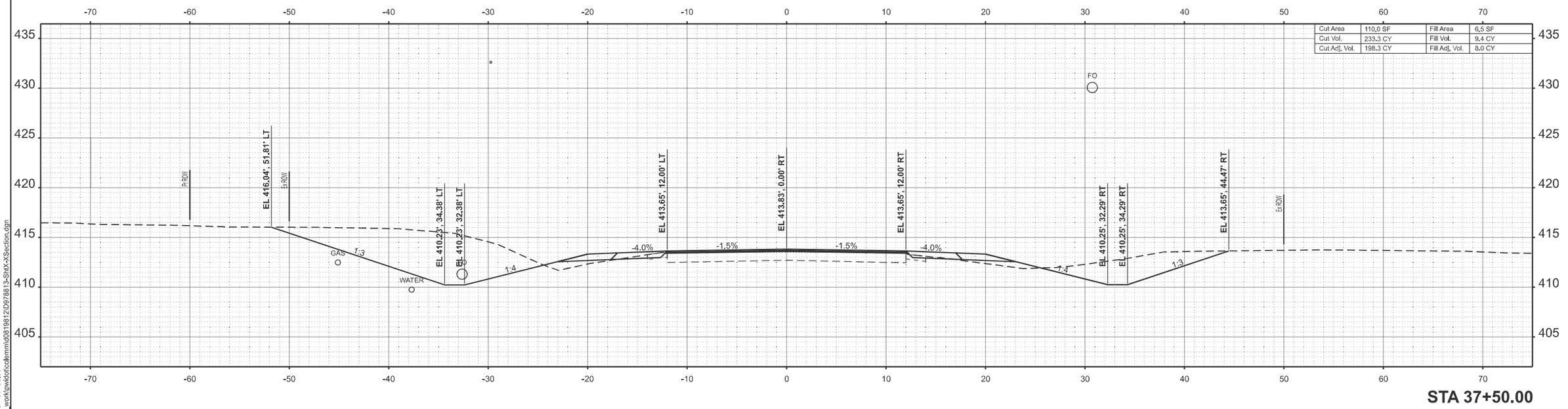
CROSS SECTIONS

SCALE: | SHEET 57 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	134
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 38+00.00



STA 37+50.00

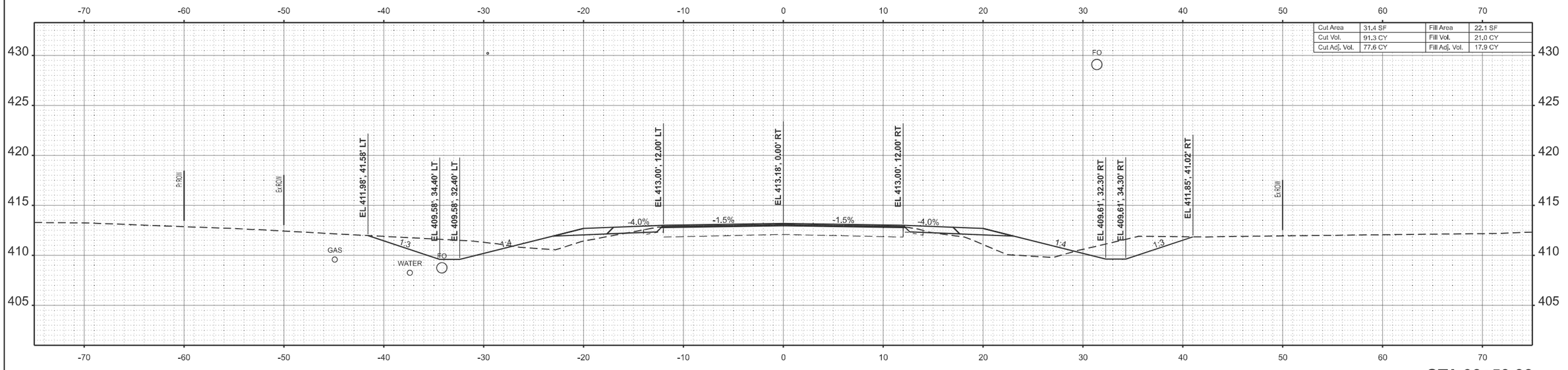
MODEL: IL14_TL_C - 37+50.00
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht0X-XSection.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

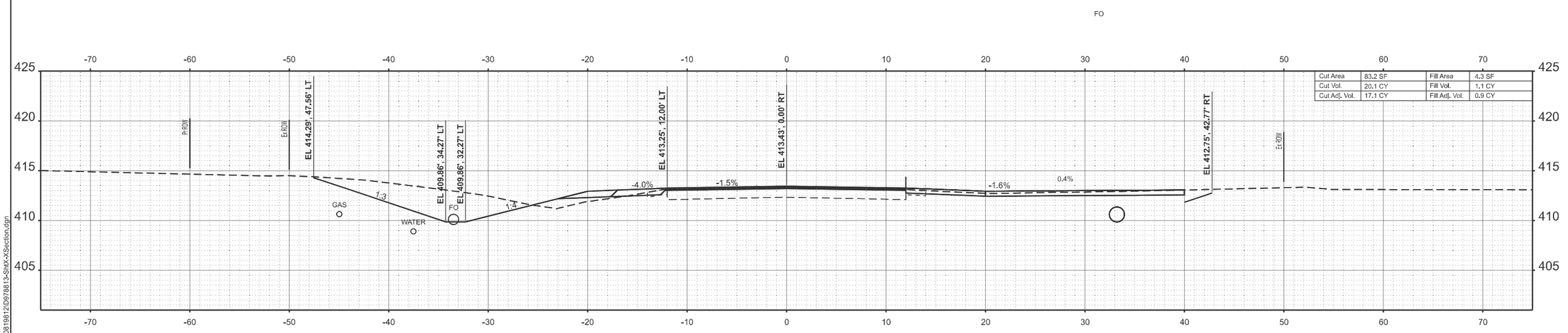
CROSS SECTIONS

SCALE: | SHEET 58 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	135
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 38+50.00



STA 38+07.00

MODEL: IL14_TL_C - 38+07.00-2 [Sheet]
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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

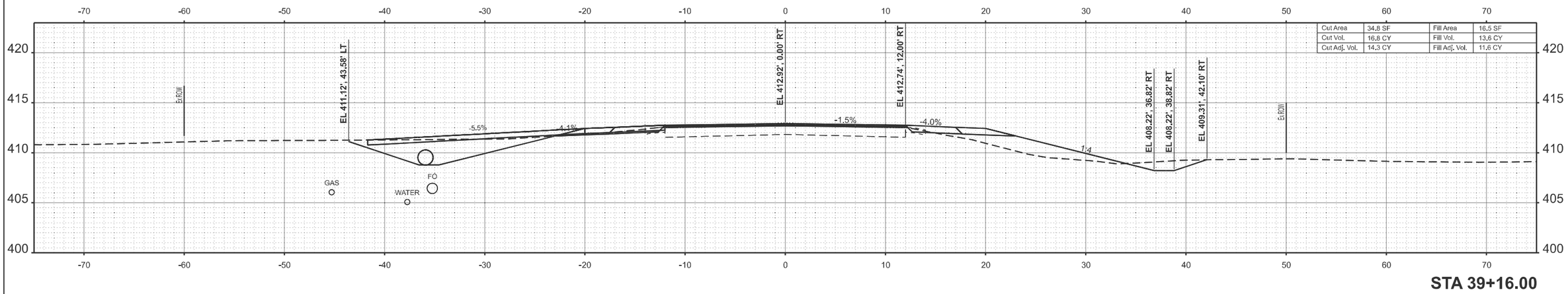
CROSS SECTIONS

SCALE: | SHEET 59 OF 124 SHEETS | STA. | TO STA.

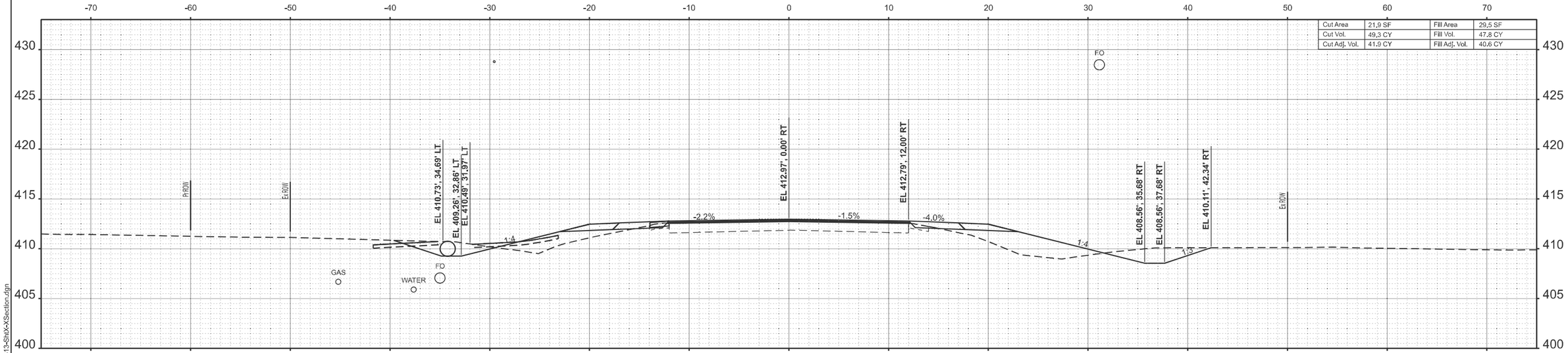
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	136

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 39+16.00



STA 39+00.00

MODEL: IL14_TL_C - 39+00.00
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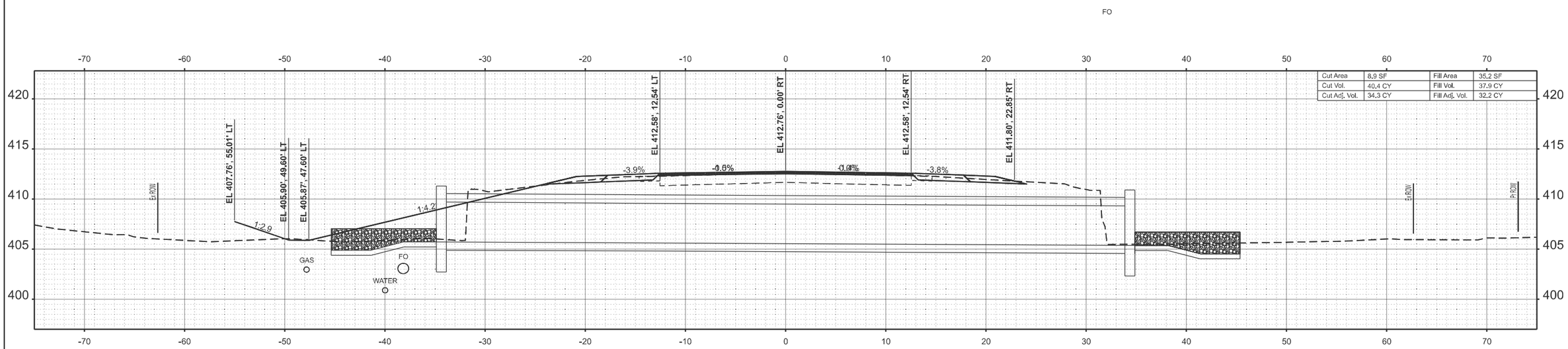
USER NAME = melissa.cole	DESIGNED - ____	REVISED - ____	
	DRAWN - ____	REVISED - ____	
	CHECKED - ____	REVISED - ____	
PLOT DATE = 8/21/2025	DATE - ____	REVISED - ____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

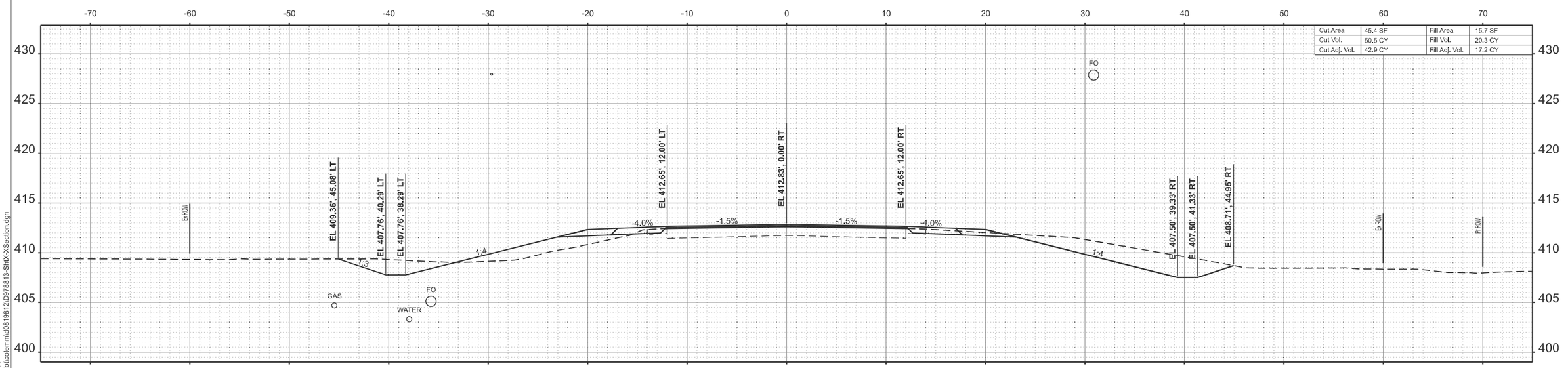
SCALE: ____ | SHEET 60 OF 124 SHEETS | STA. ____ | TO STA. ____

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	137
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



Cut Area	8.9 SF	Fill Area	35.2 SF
Cut Vol.	40.4 CY	Fill Vol.	37.9 CY
Cut Adj. Vol.	34.3 CY	Fill Adj. Vol.	32.2 CY

STA 39+90.23



Cut Area	45.4 SF	Fill Area	15.7 SF
Cut Vol.	50.5 CY	Fill Vol.	20.3 CY
Cut Adj. Vol.	42.9 CY	Fill Adj. Vol.	17.2 CY

STA 39+50.00

MODEL: IL14_TL_C - 39+50.00
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-ShtX-XSection.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

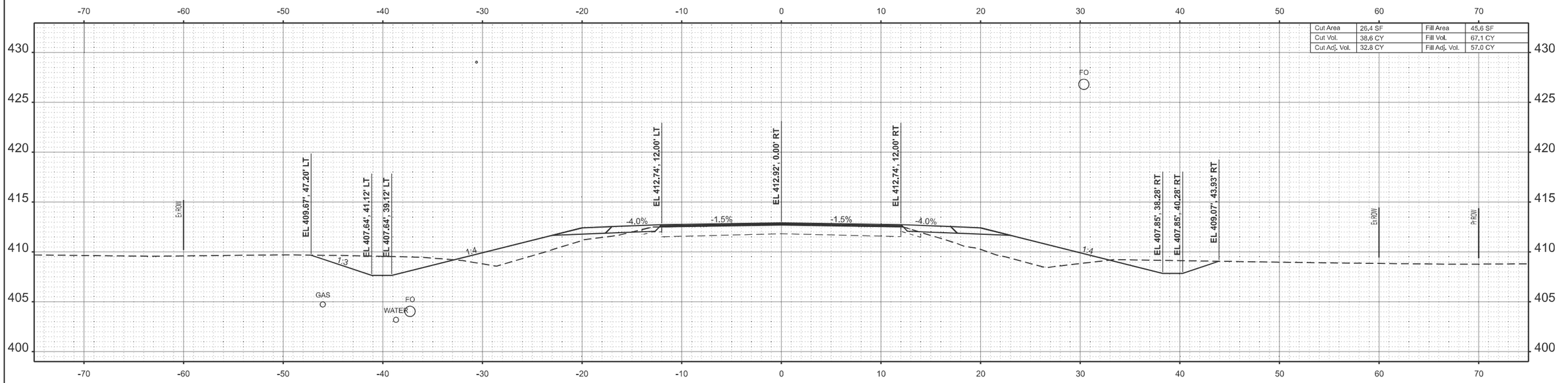
CROSS SECTIONS

SCALE: | SHEET 61 OF 124 SHEETS | STA. | TO STA.

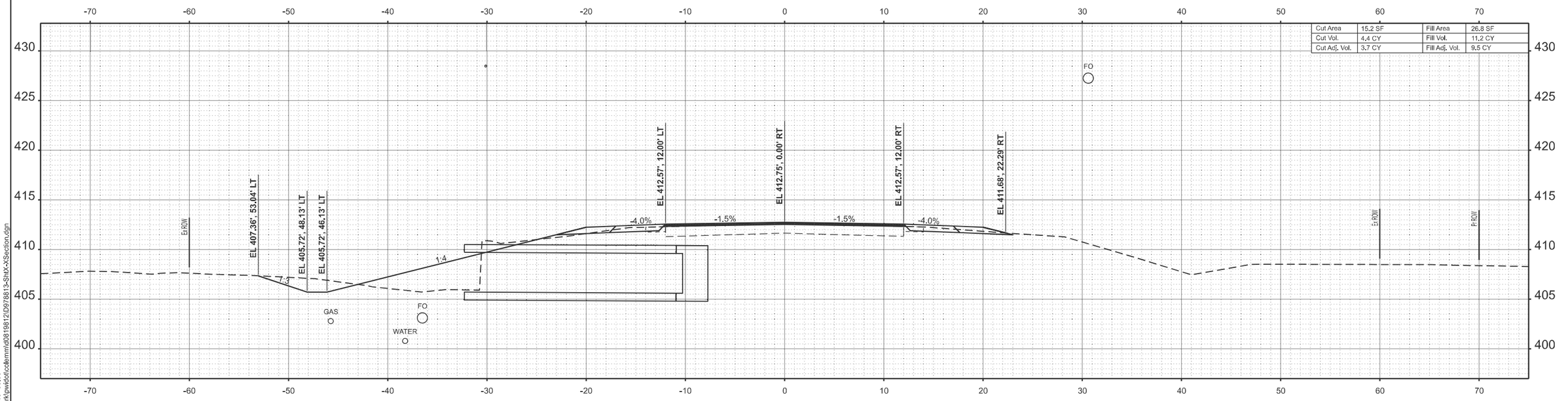
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	138

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



STA 40+50.00



STA 40+00.00

MODEL: IL14_TL_C - 40+00.00
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D978813-ShtX-XSection.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/22/2025	DATE -	REVISED -	

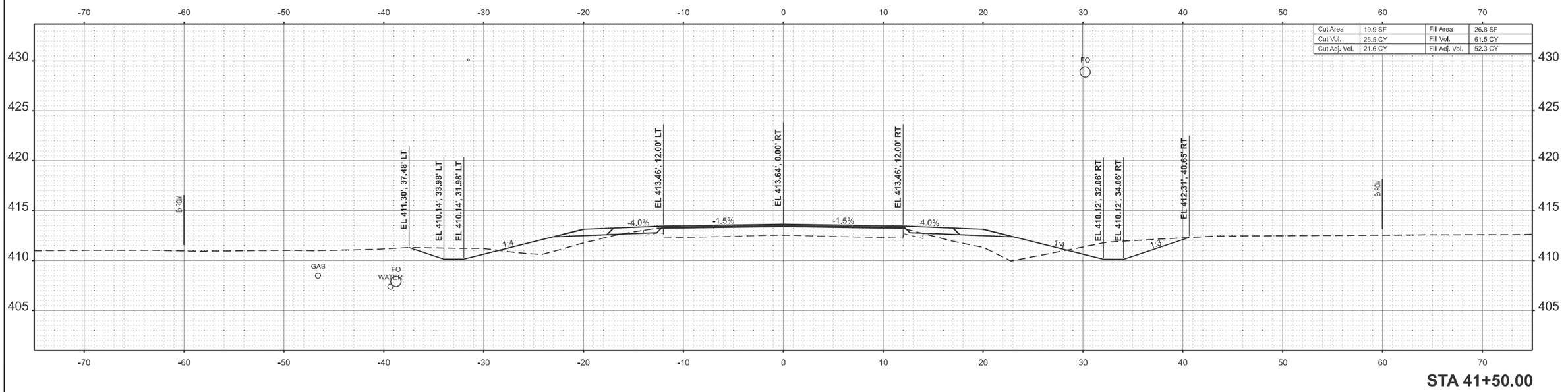
CROSS SECTIONS

SCALE: SHEET 62 OF 124 SHEETS STA. TO STA.

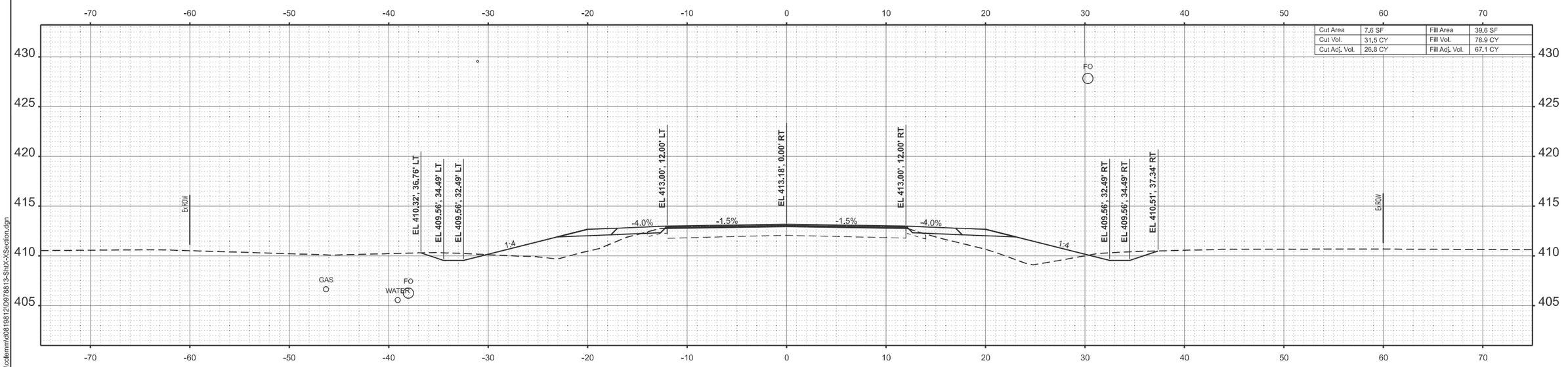
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	139

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



STA 41+50.00



STA 41+00.00

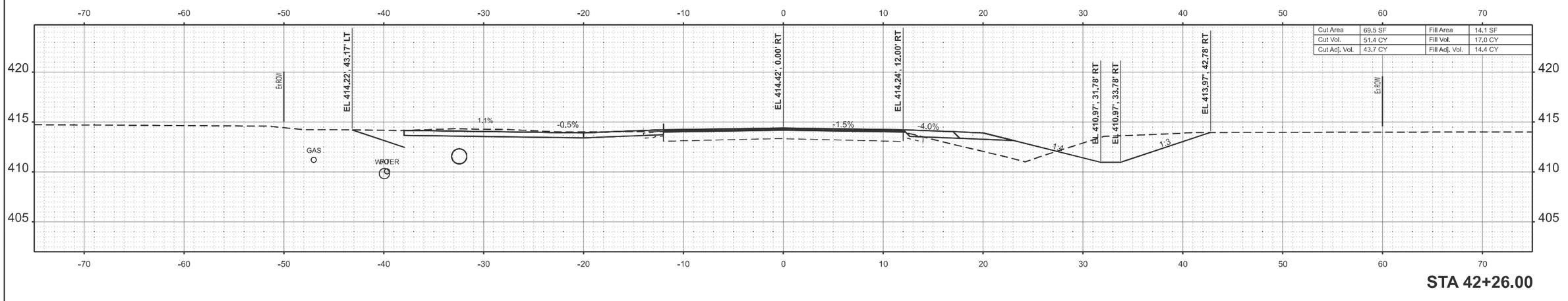
MODEL: IL14_TL_C-41+00.00
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht\X-Section.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

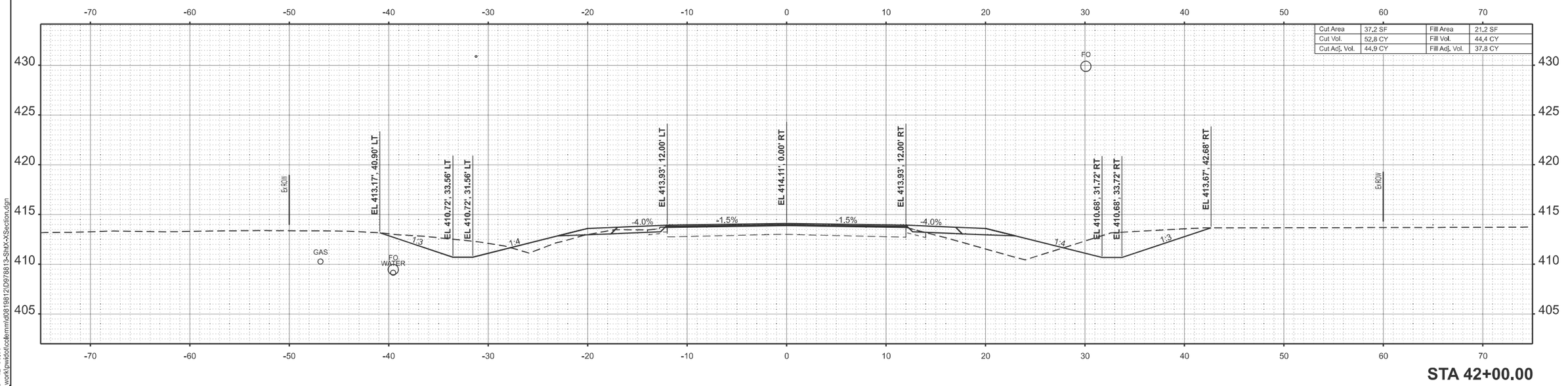
CROSS SECTIONS

SCALE: | SHEET 63 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	140
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 42+26.00



STA 42+00.00

MODEL: IL14_TL_C -42+00.00
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht\X-Section.dgn

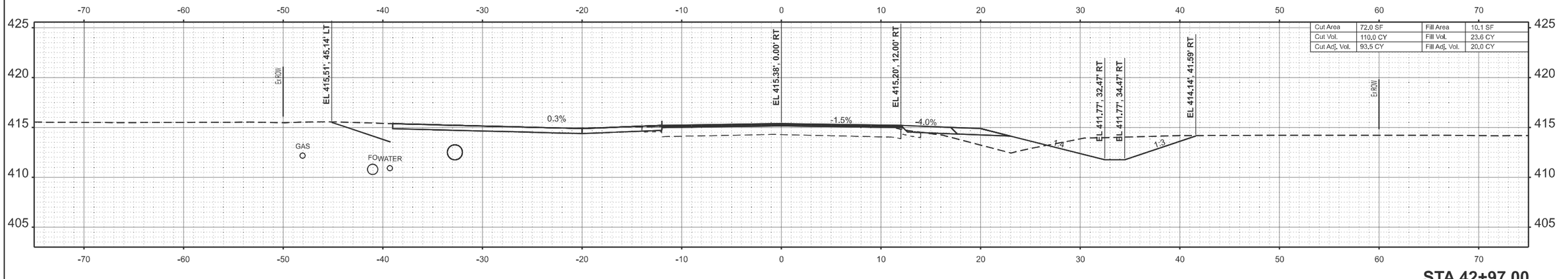
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

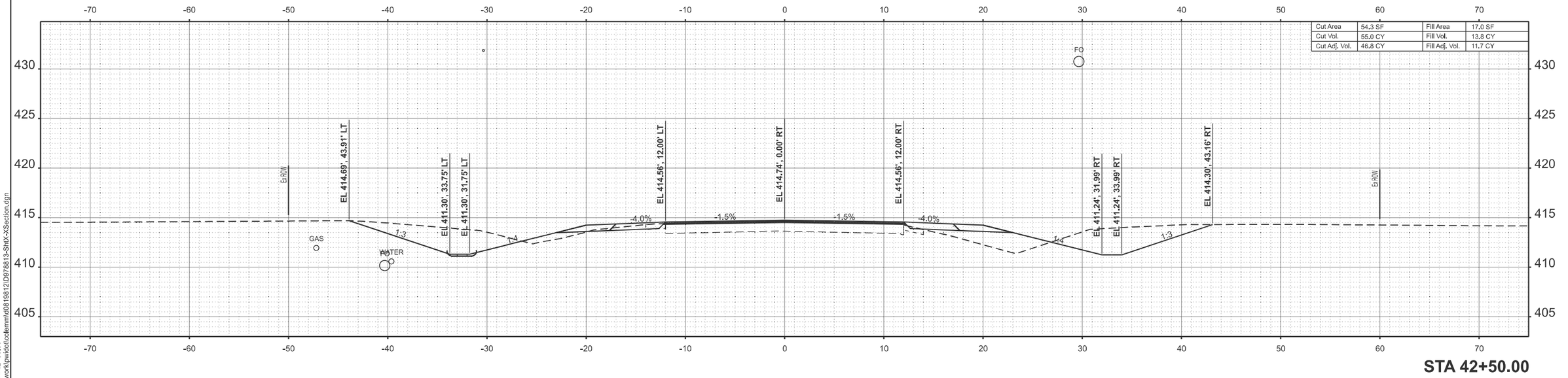
CROSS SECTIONS

SCALE: | SHEET 64 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	141
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 42+97.00



STA 42+50.00

MODEL: IL14_TL_C - 42+50.00
FILE NAME: c:\pw_work\pwidot\coll\mm\d0819812\D9788813-SheX-XSection.dgn

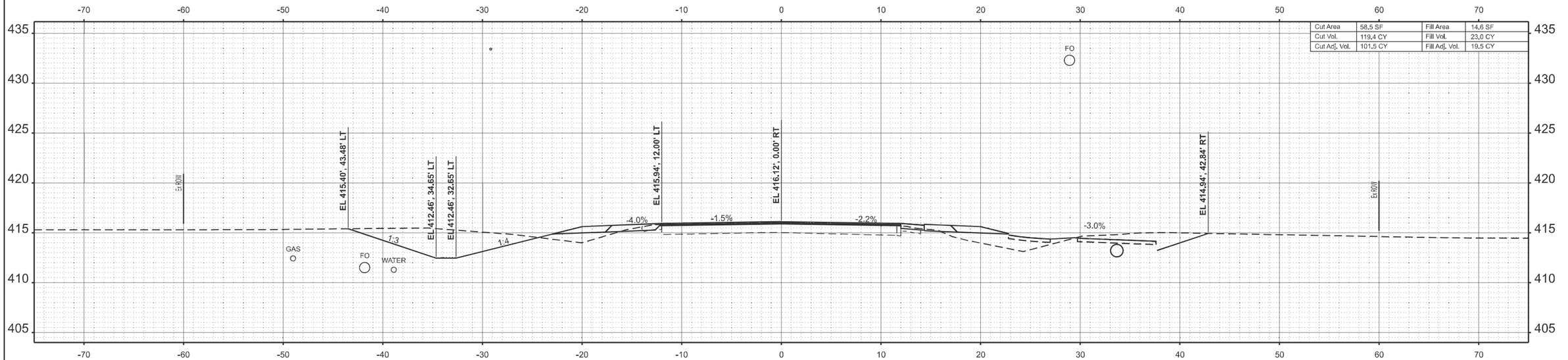
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

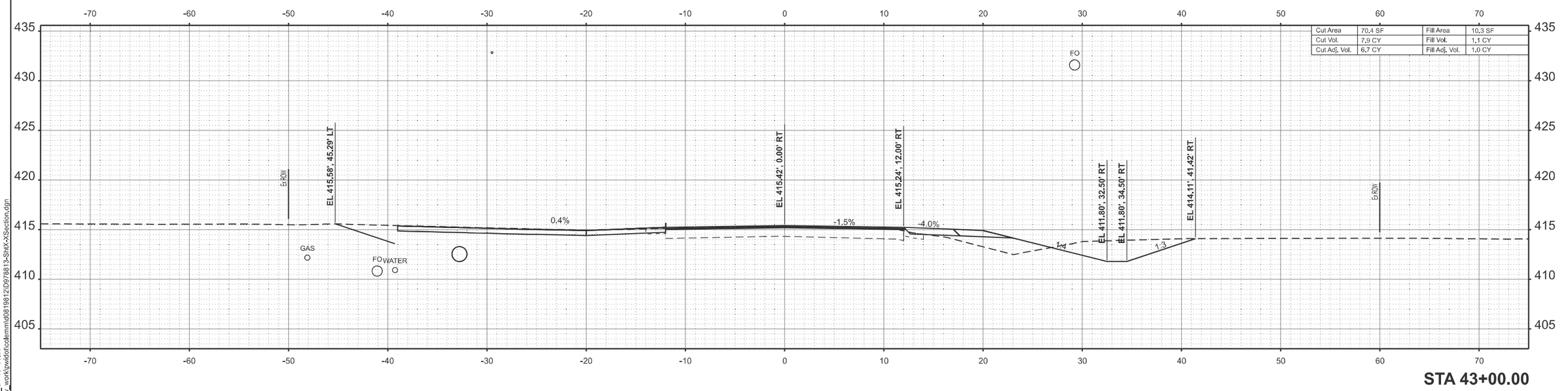
CROSS SECTIONS

SCALE: | SHEET 65 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	142
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 43+50.00



STA 43+00.00

MODEL: IL14_TL_C - 43+00.00
FILE NAME: c:\pw_work\pwidot\cdemm\d0819812\D9788813-Sht\X-XSection.dgn

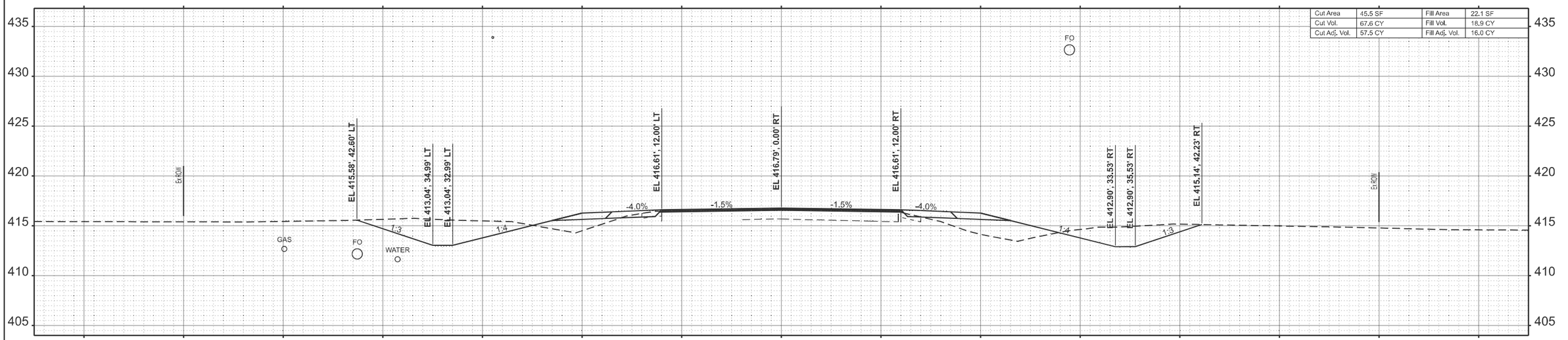
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

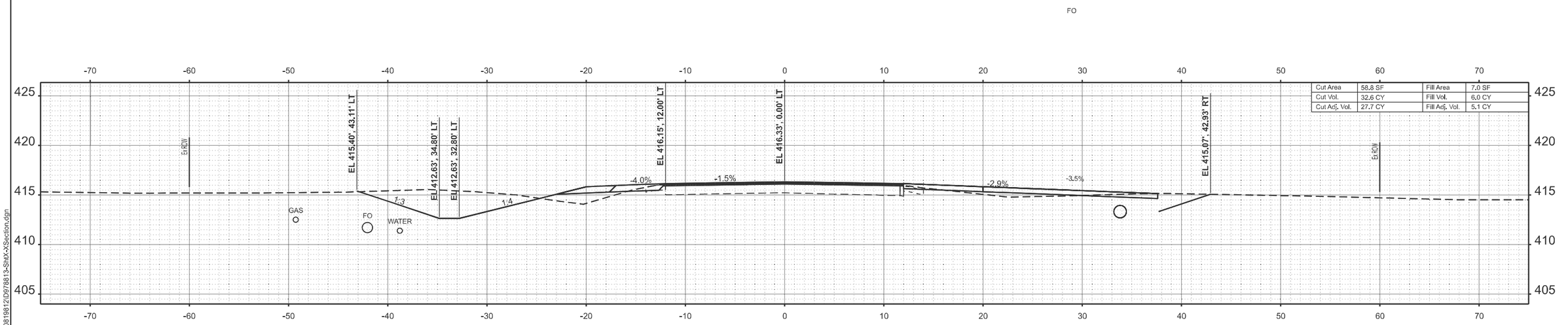
CROSS SECTIONS

SCALE: | SHEET 66 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	143
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



STA 44+00.00



STA 43+65.00

MODEL: IL14_TL_C - 43+65.00-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemm\d0819812\D9788813-ShtX-XSection.dgn

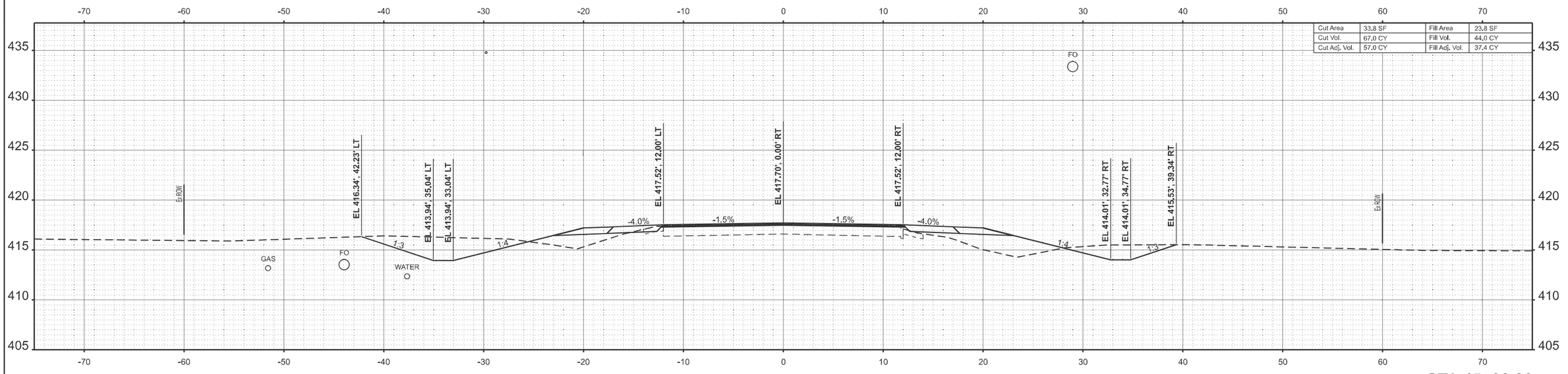
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

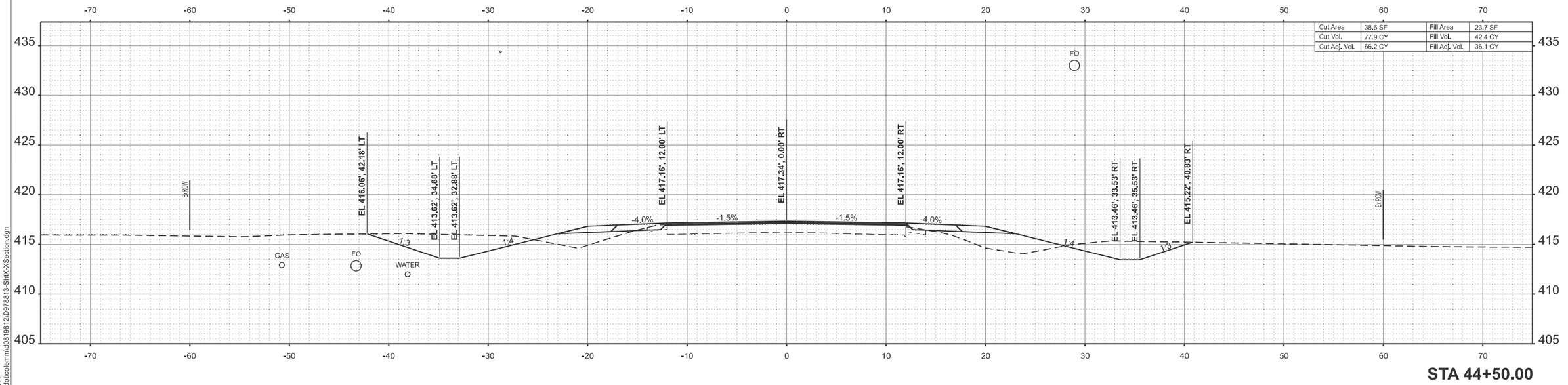
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 67 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	144
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			





MODEL: IL14_TL_C - 44+50.00
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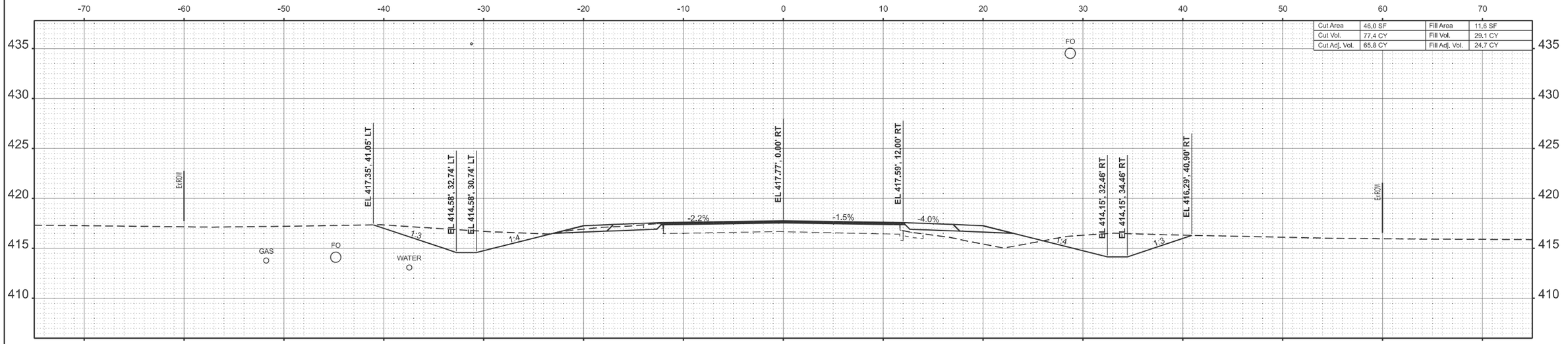
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

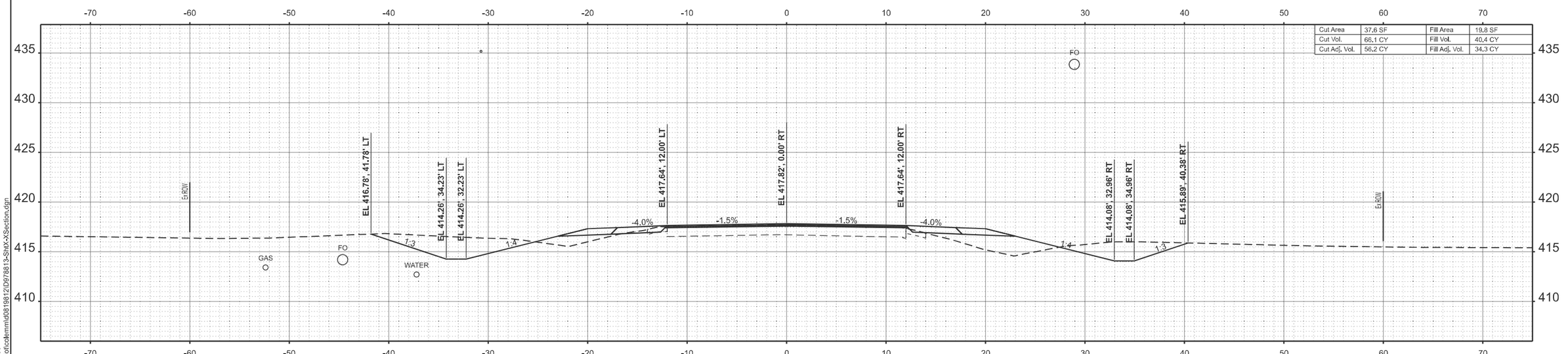
CROSS SECTIONS

SCALE: | SHEET 68 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	145
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 46+00.00



STA 45+50.00

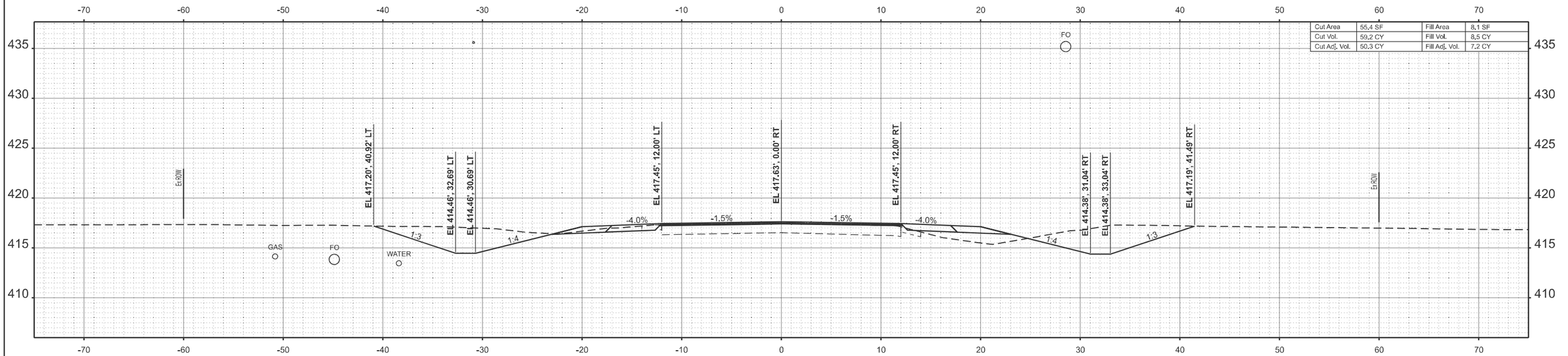
MODEL: IL14_TL_C -45+50.00
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht\X-Section.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

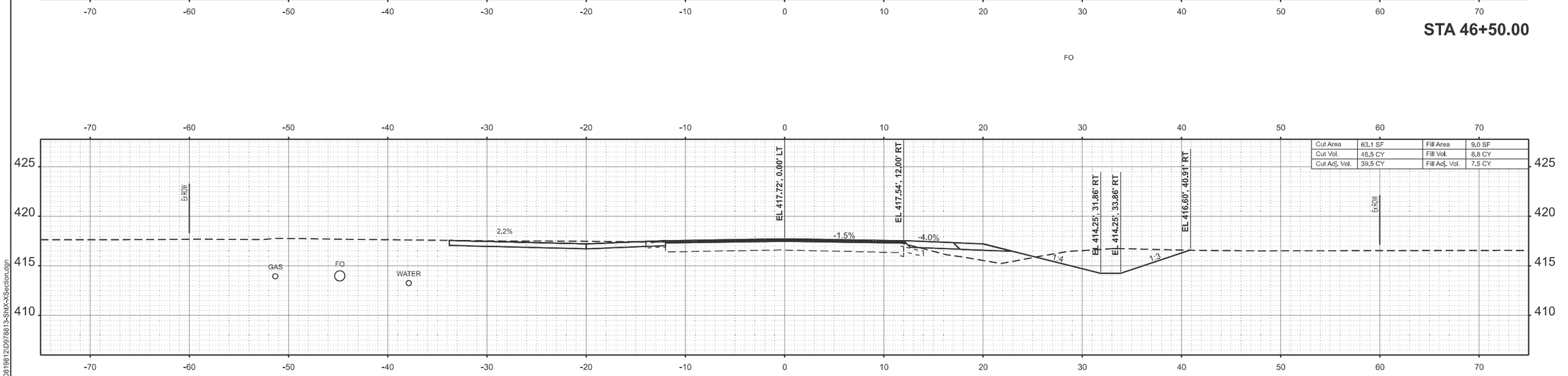
CROSS SECTIONS

SCALE: | SHEET 69 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	146
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 46+50.00



STA 46+23.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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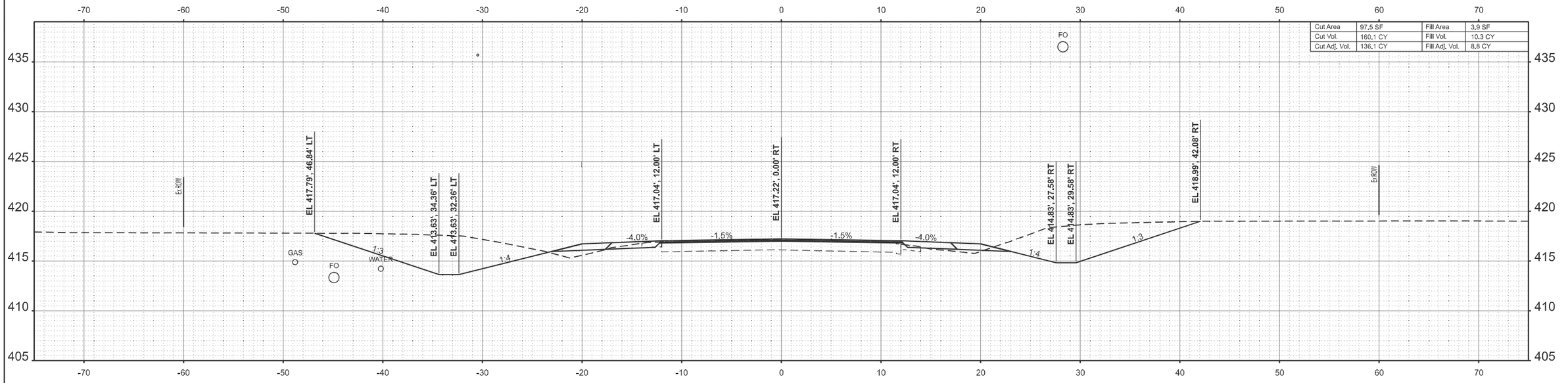
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

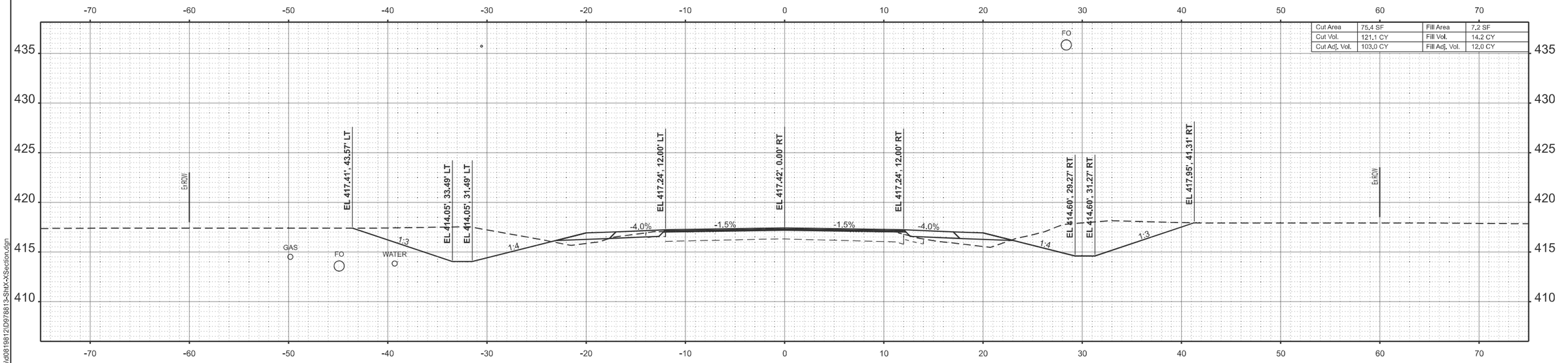
CROSS SECTIONS

SCALE: | SHEET 70 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	147
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 47+50.00



STA 47+00.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

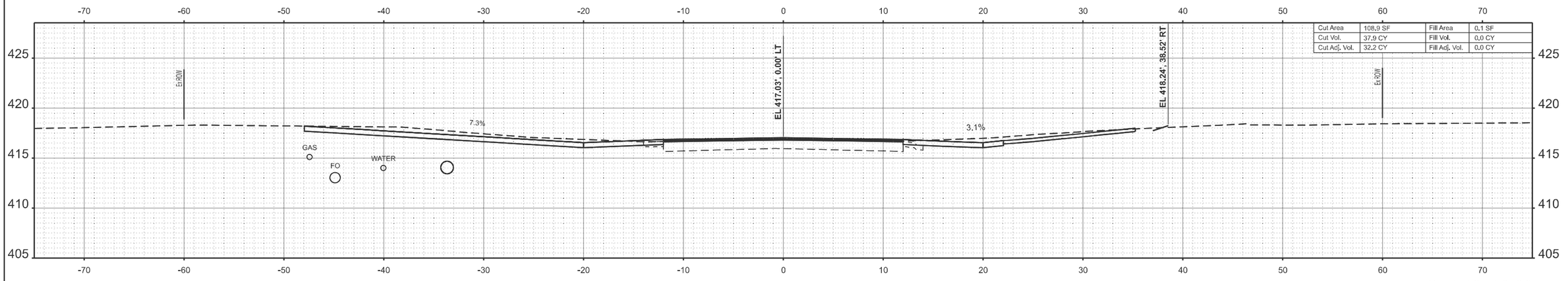
SCALE: SHEET 71 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	148

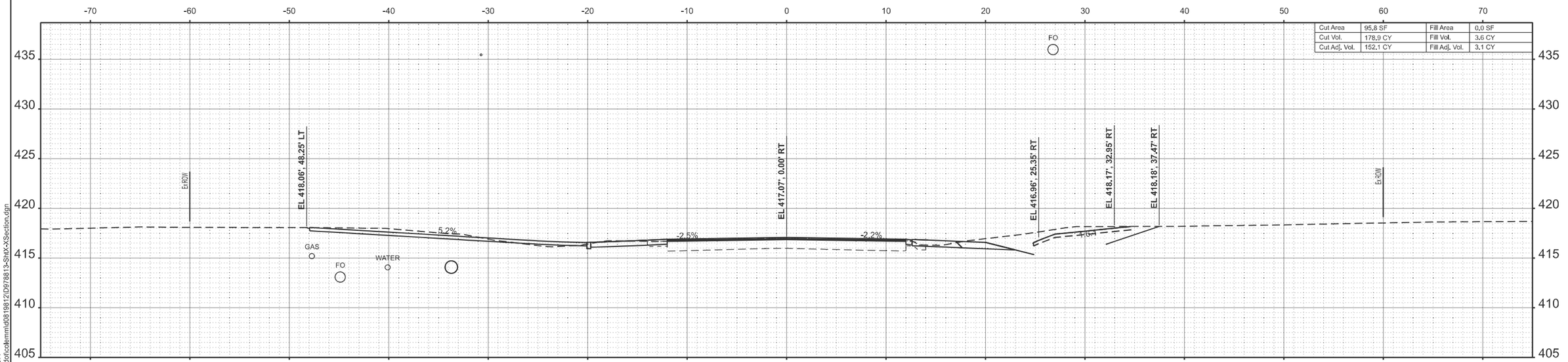
CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT

FO



STA 48+10.00



STA 48+00.00

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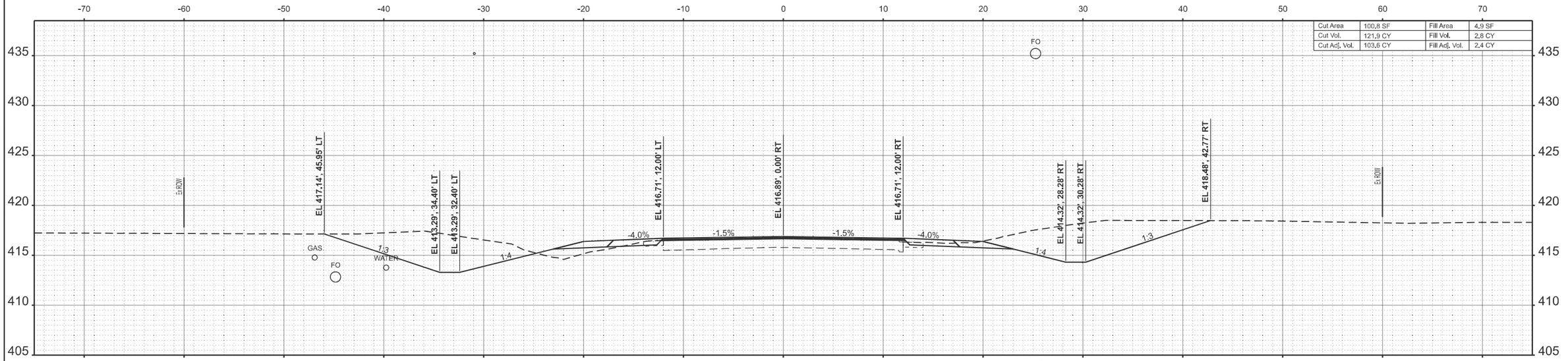
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

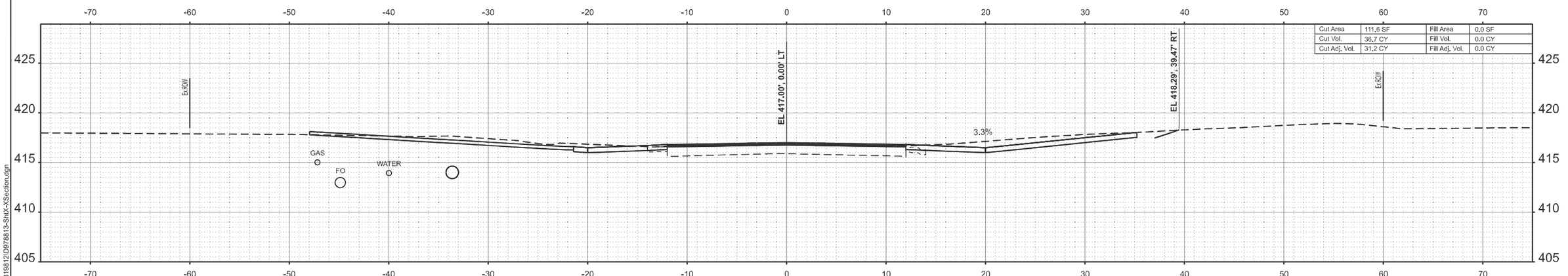
CROSS SECTIONS

SCALE: | SHEET 72 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	149
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 48+50.00



STA 48+19.00

MODEL: IL14_TL_C - 48+19.00-2 [Sheet]
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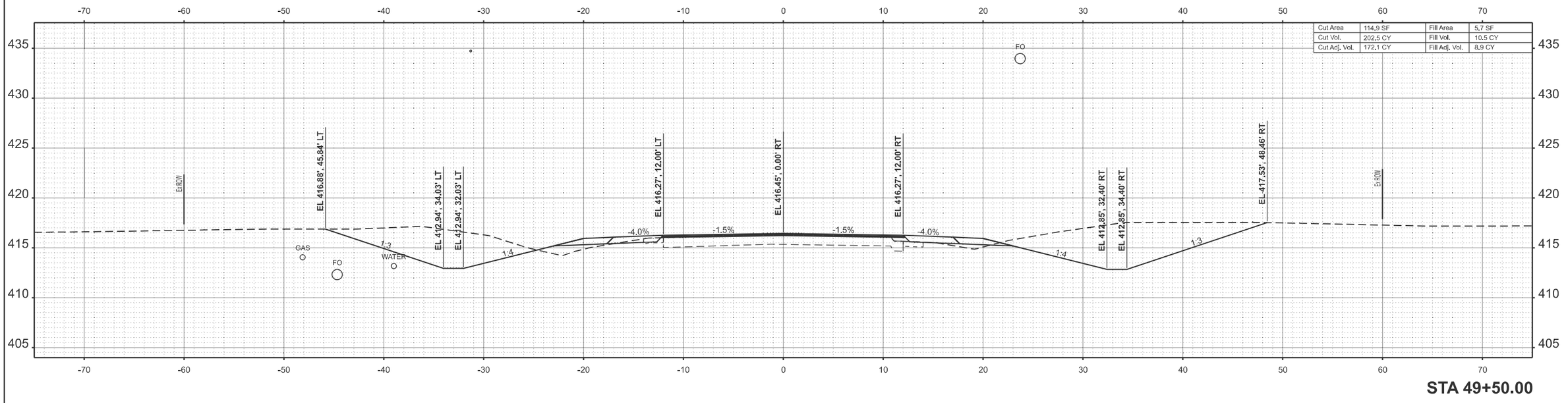
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

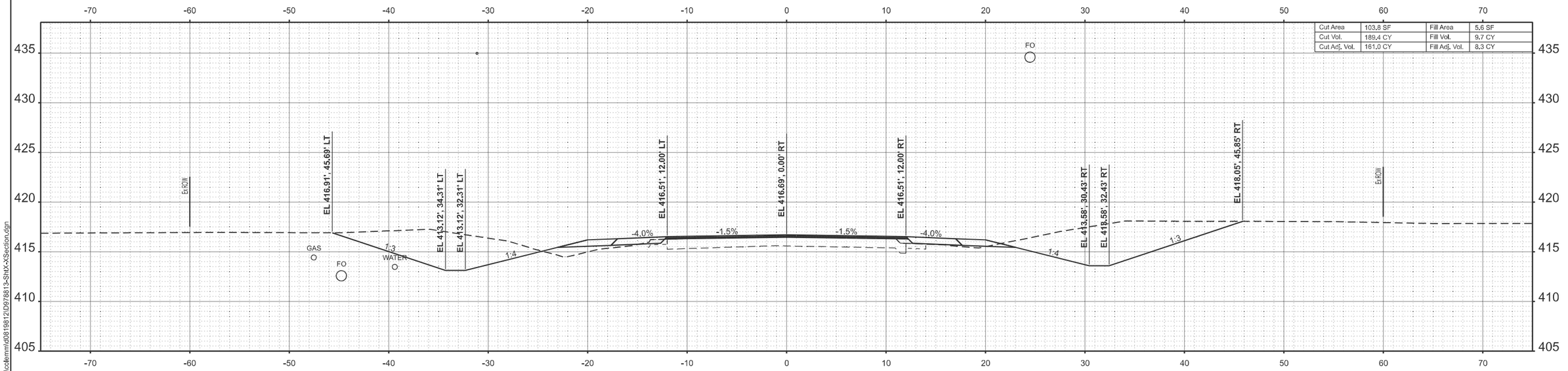
CROSS SECTIONS

SCALE: | SHEET 73 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	150
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 49+50.00



STA 49+00.00

MODEL: IL14_TL_C - 49+00.00
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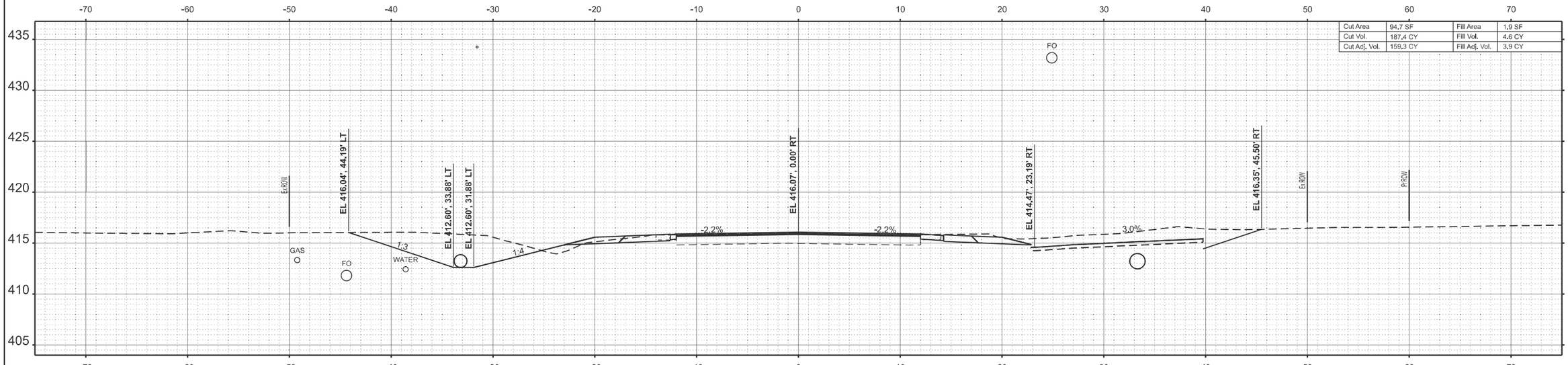
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

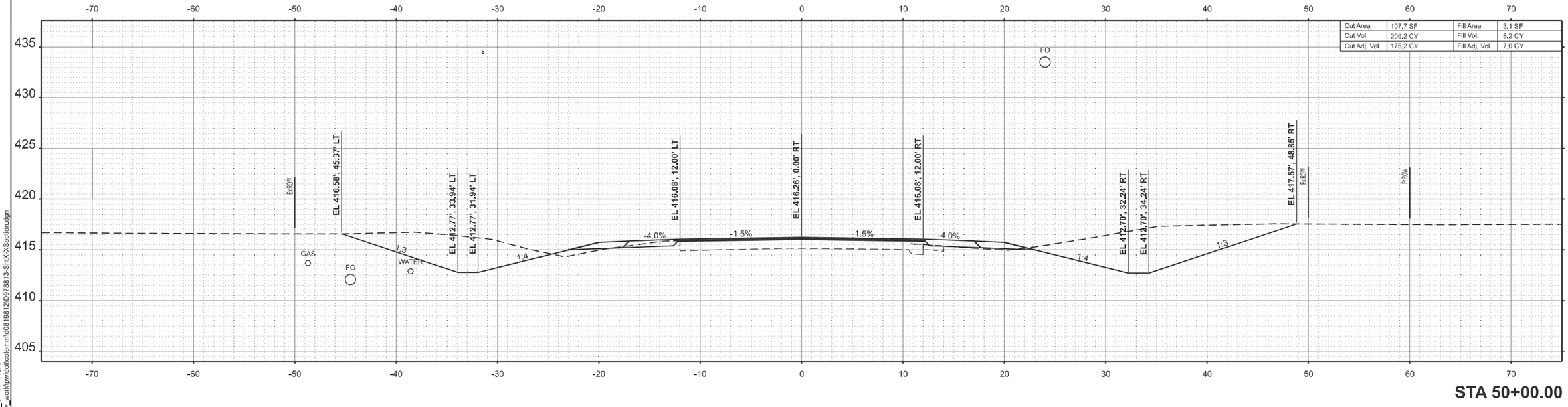
CROSS SECTIONS

SCALE: | SHEET 74 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	151
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 50+50.00



STA 50+00.00

MODEL: IL14_TL_C - 50+00.00
FILE NAME: c:\dw_work\pwidot\coldemmd0819812\D978813-Sht-XSection.dgn

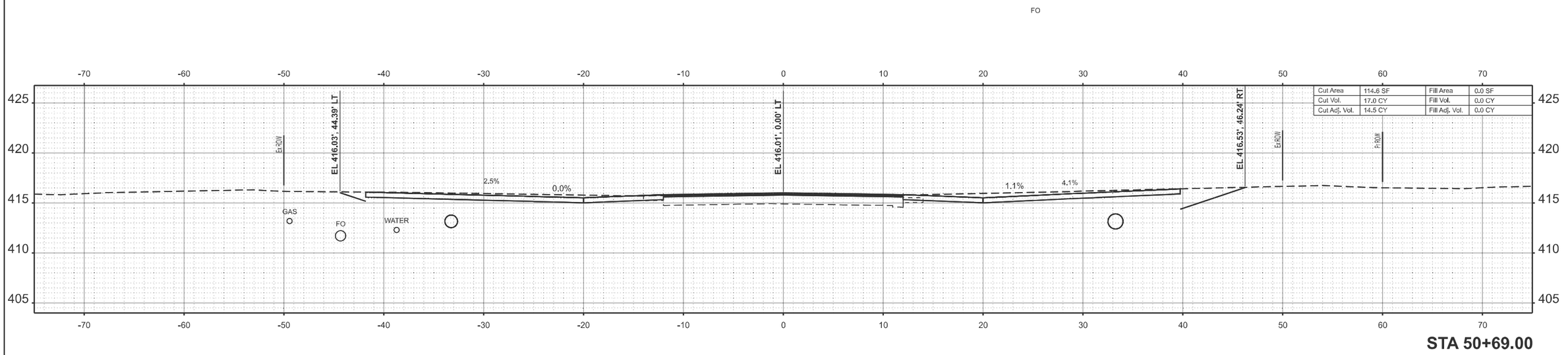
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 75 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	152
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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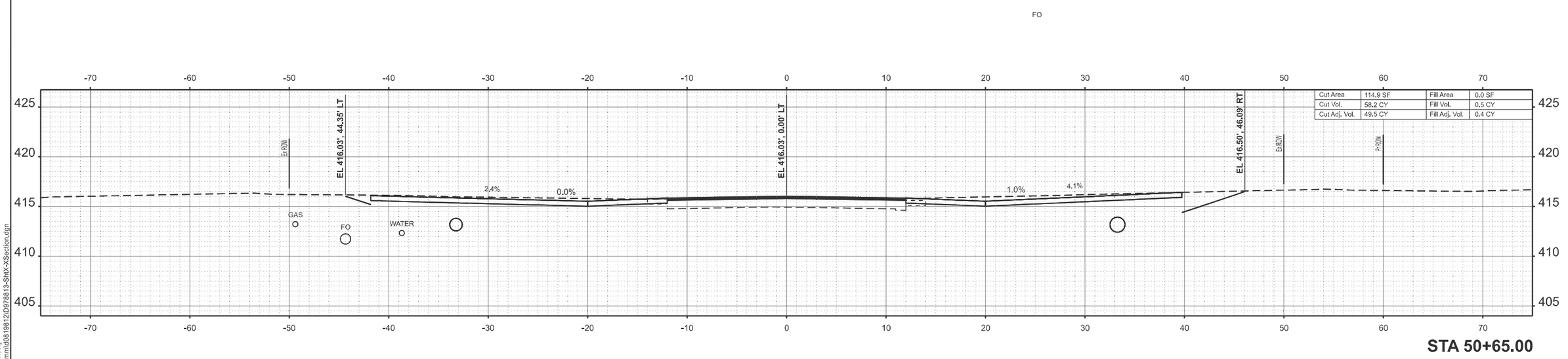

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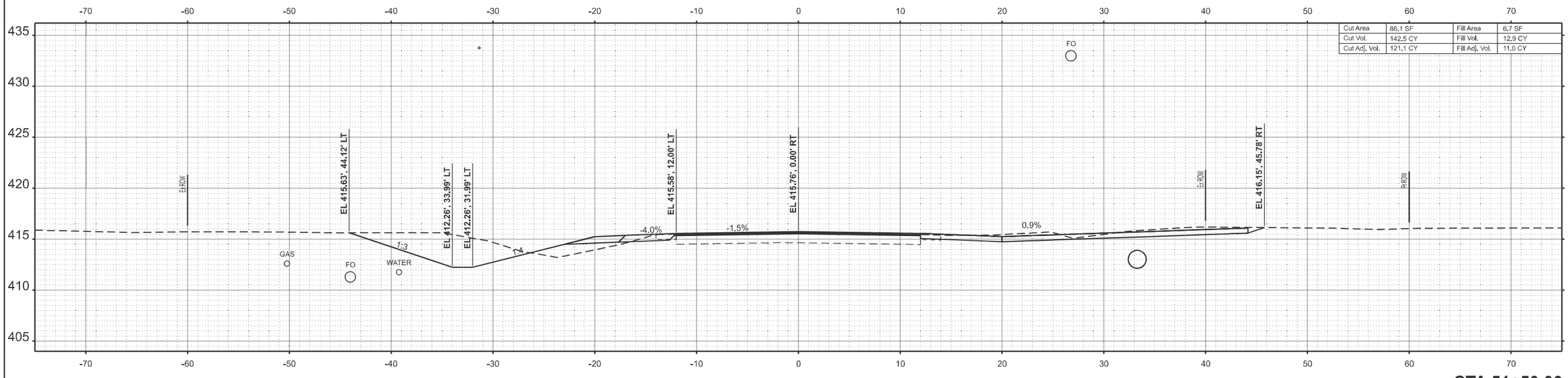
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 76 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	153
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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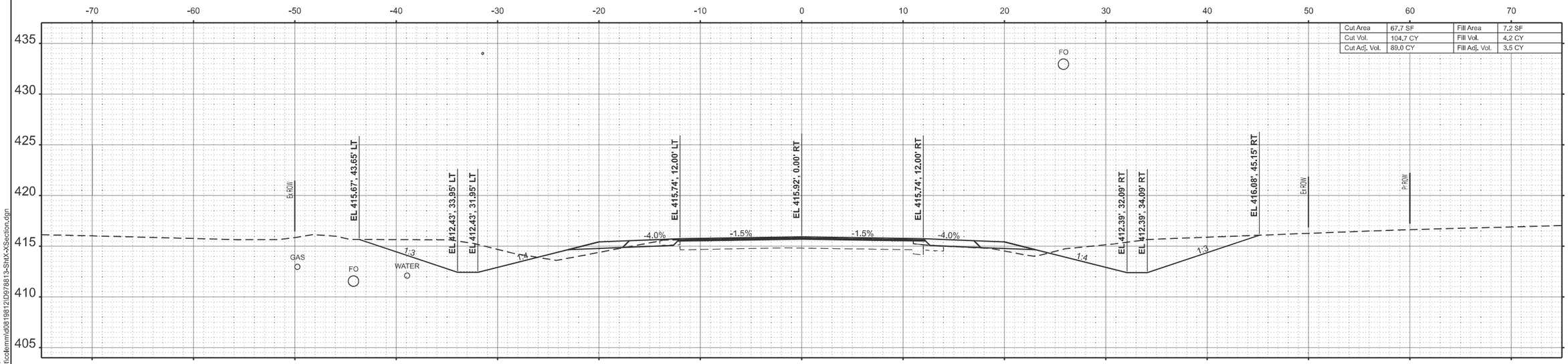

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	DRAWN -	REVISED -	
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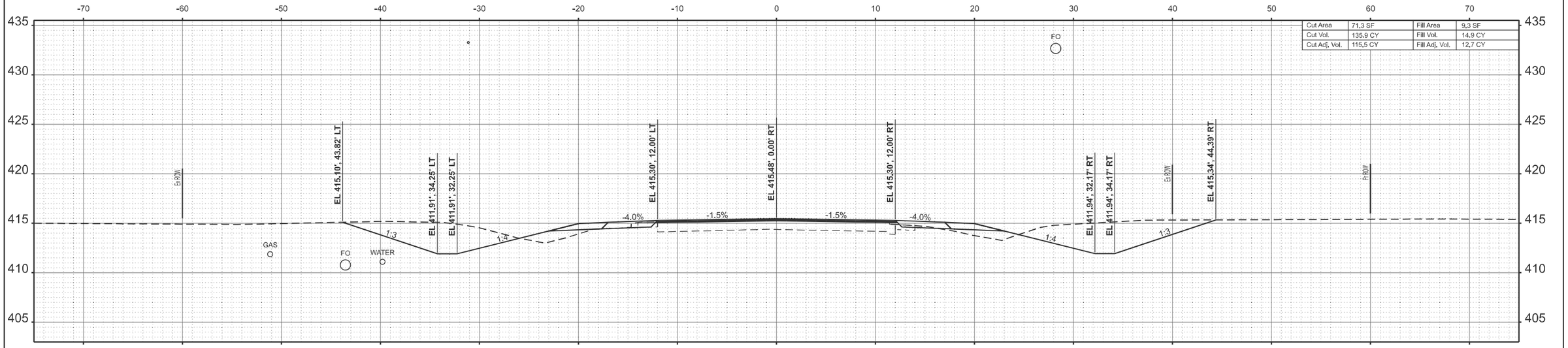
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 77 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	154
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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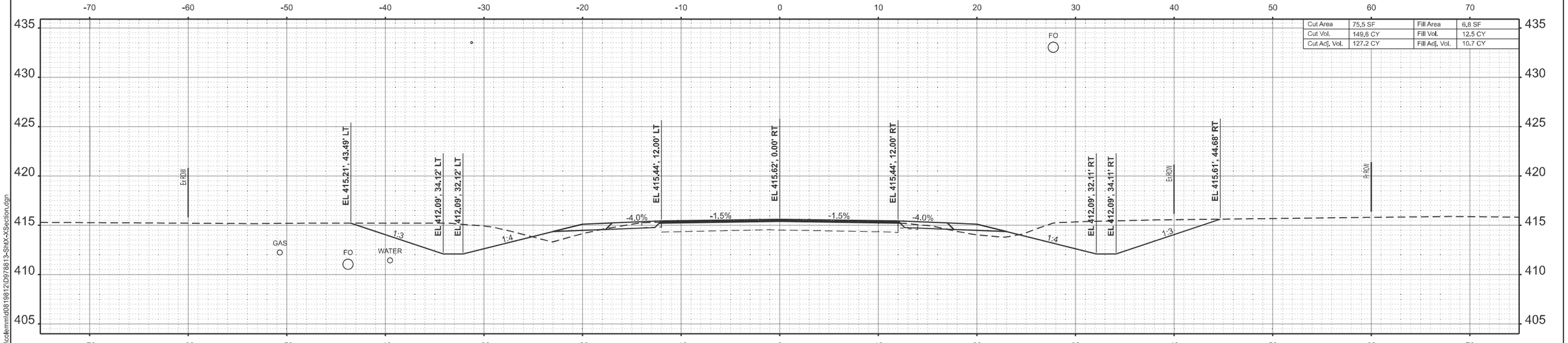

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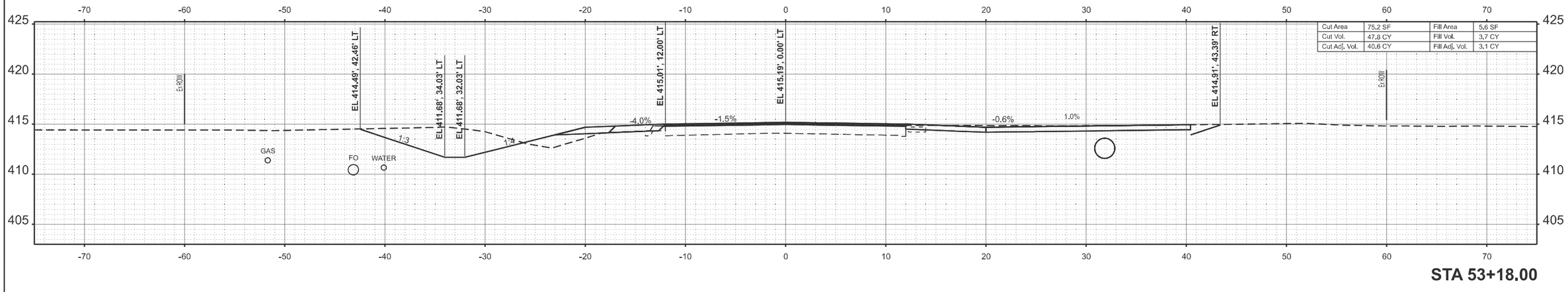
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 78 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	155
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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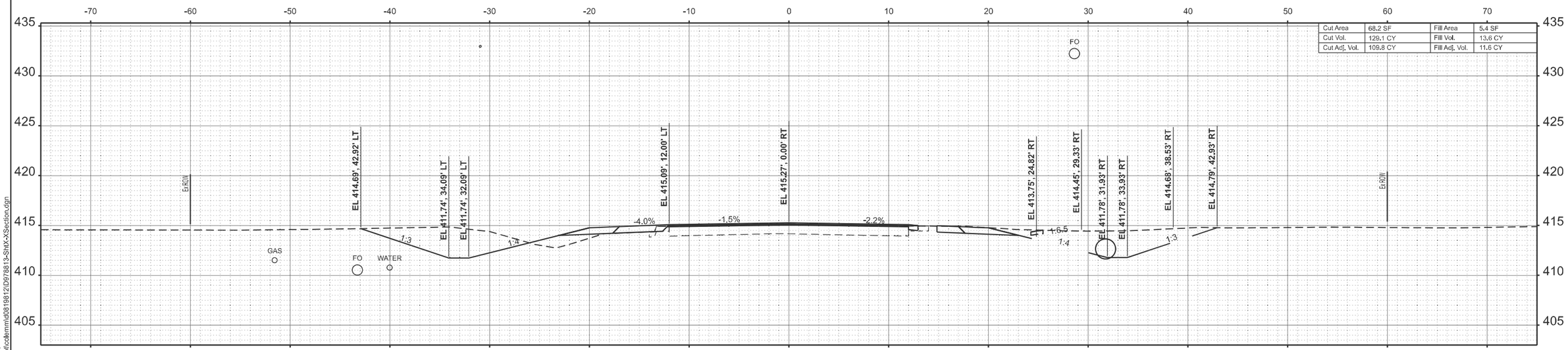

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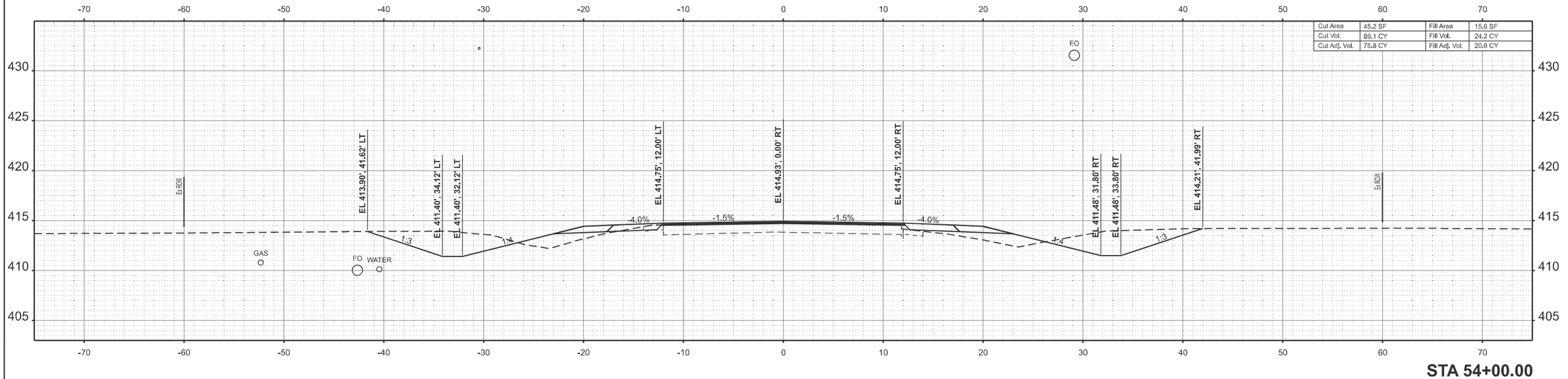
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 79 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	156
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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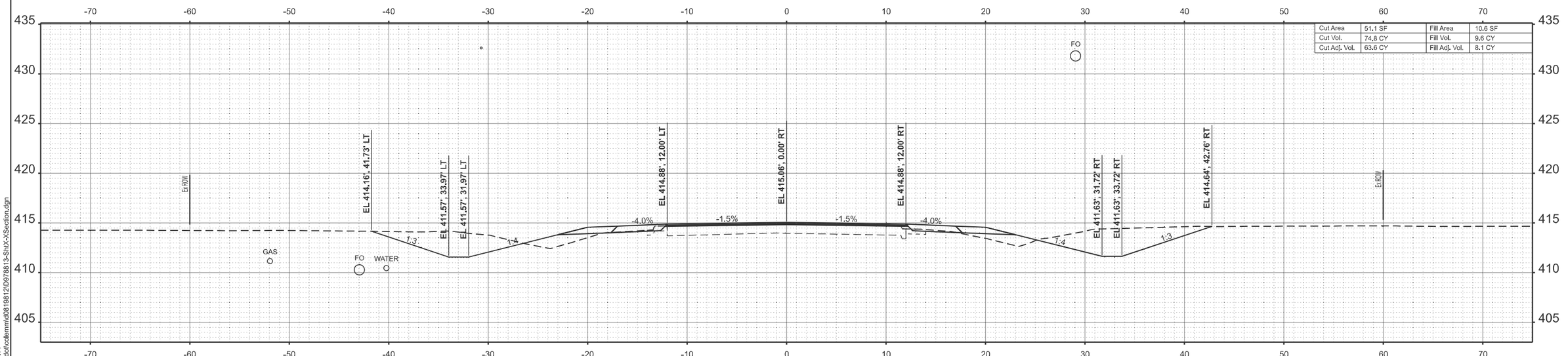

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	DRAWN -	REVISED -	
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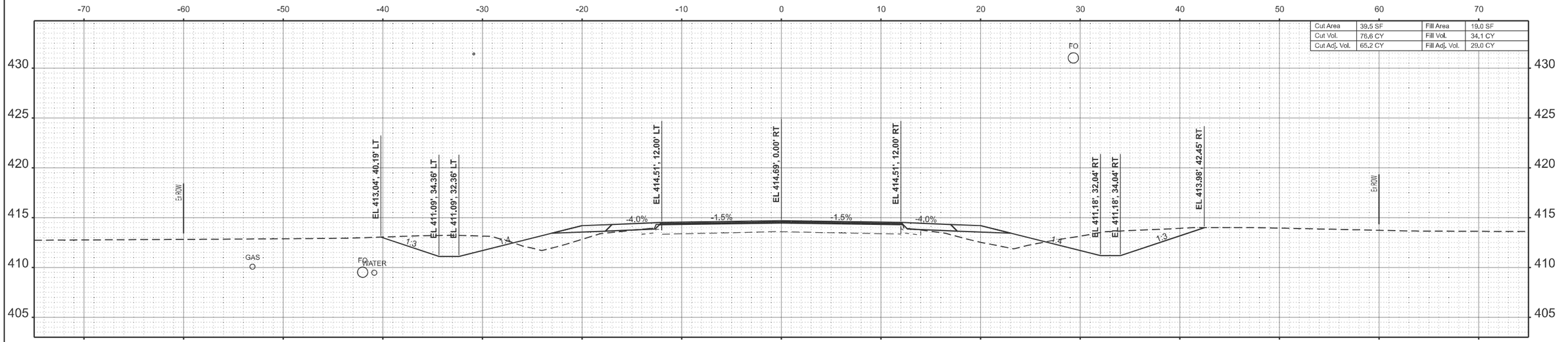
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 80 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	157
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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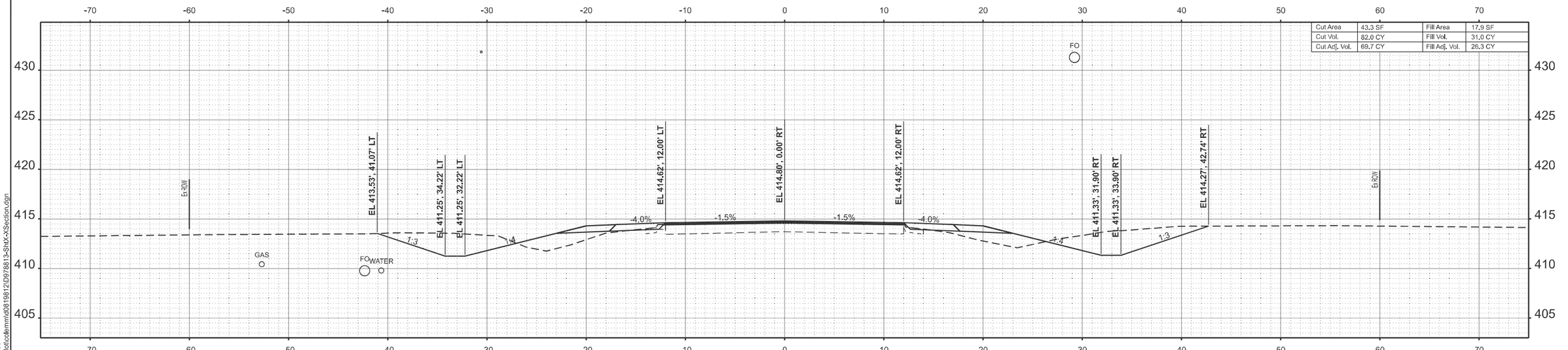

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	DRAWN -	REVISED -	
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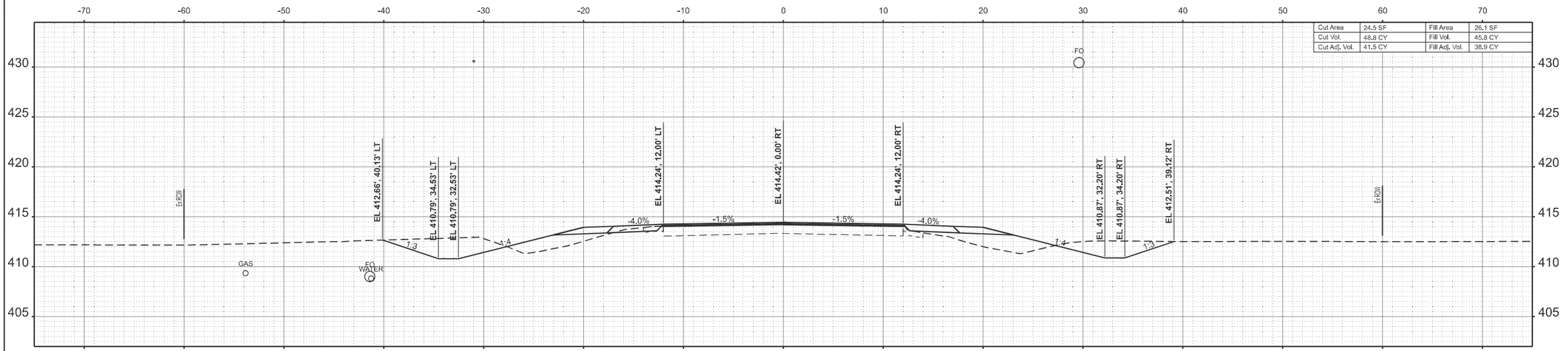
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: SHEET 81 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	158
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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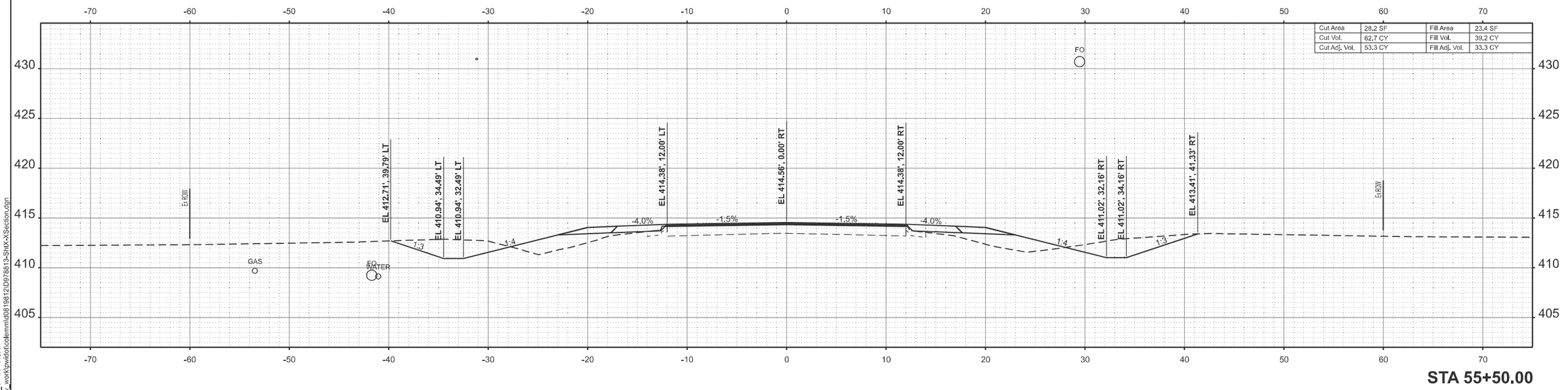

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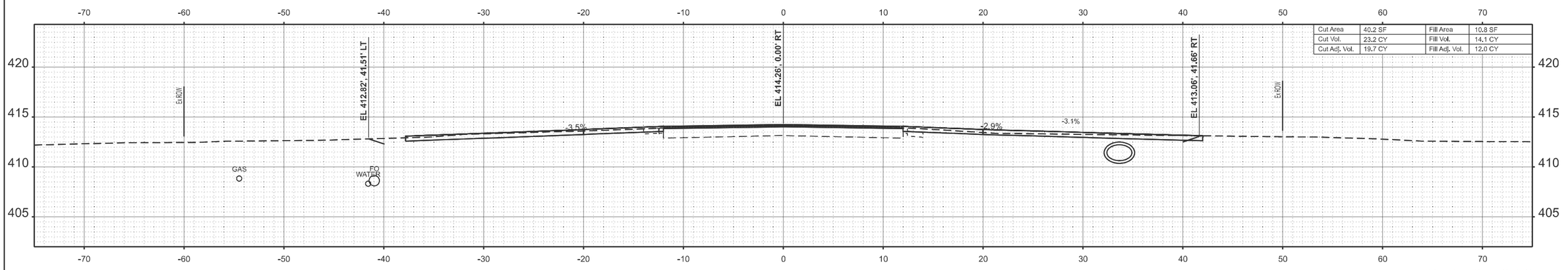
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: SHEET 82 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	159
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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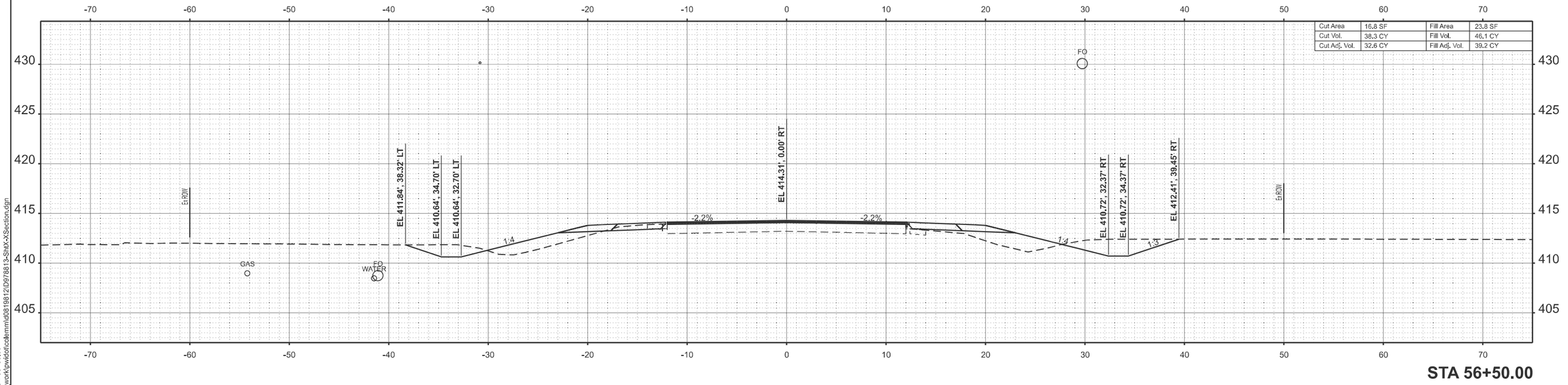

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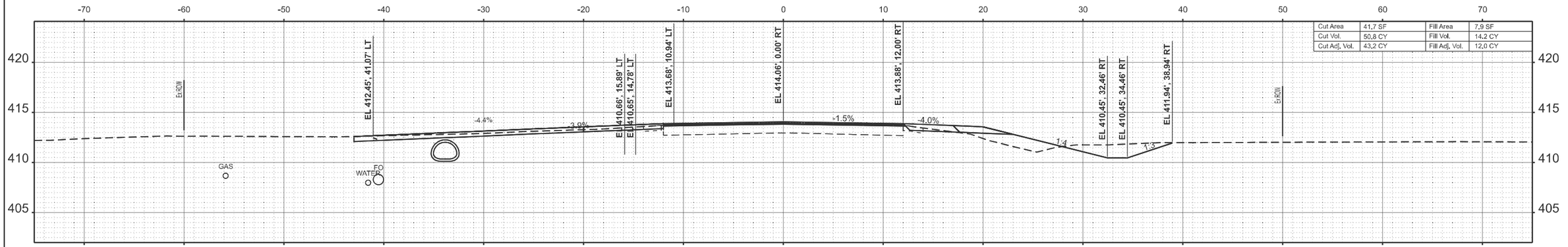
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 83 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	160
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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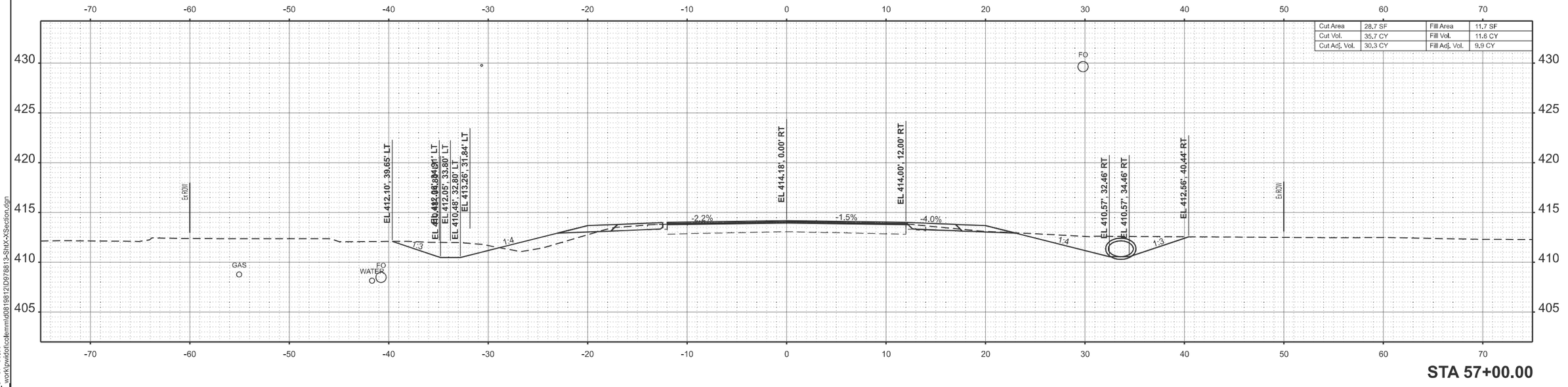

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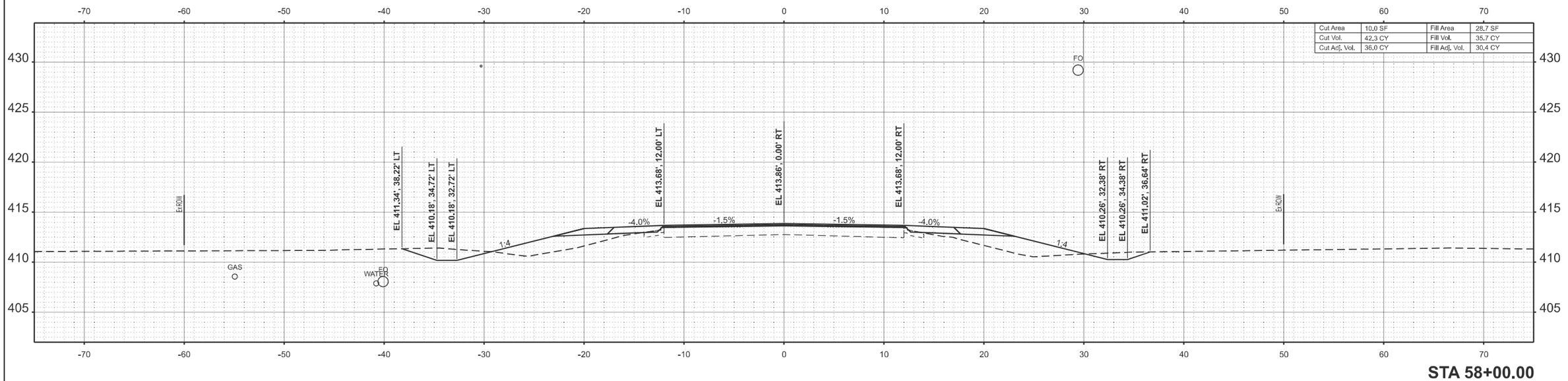
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 84 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	161
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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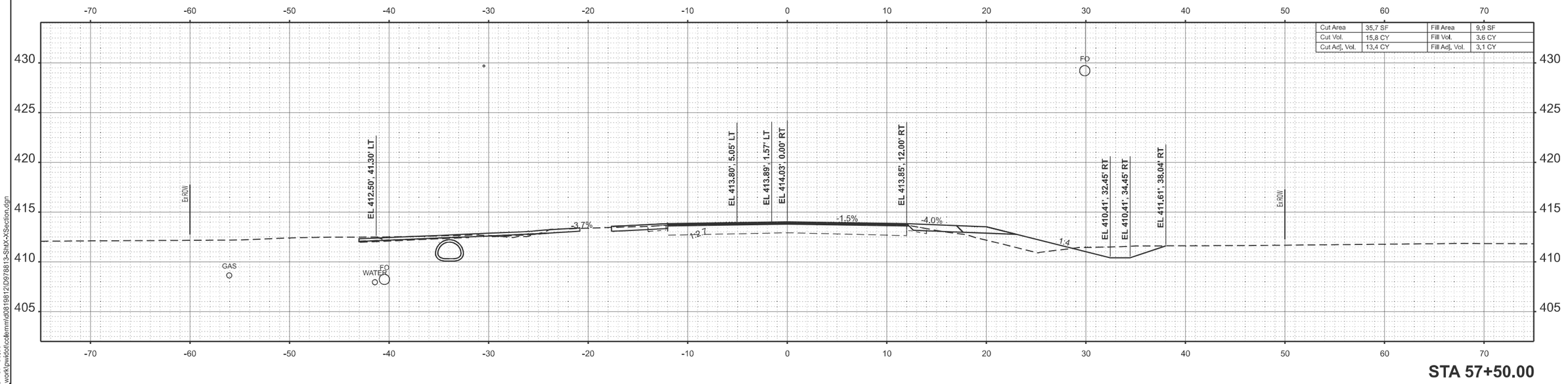

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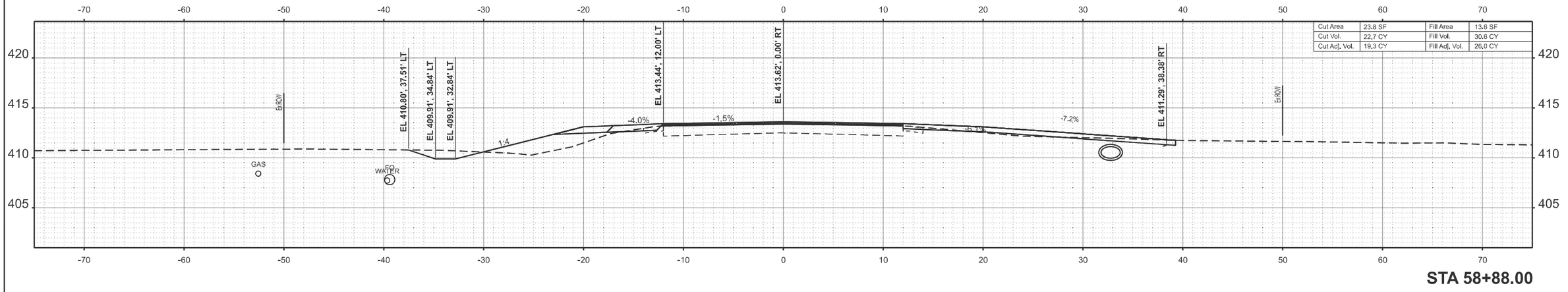
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 85 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	162
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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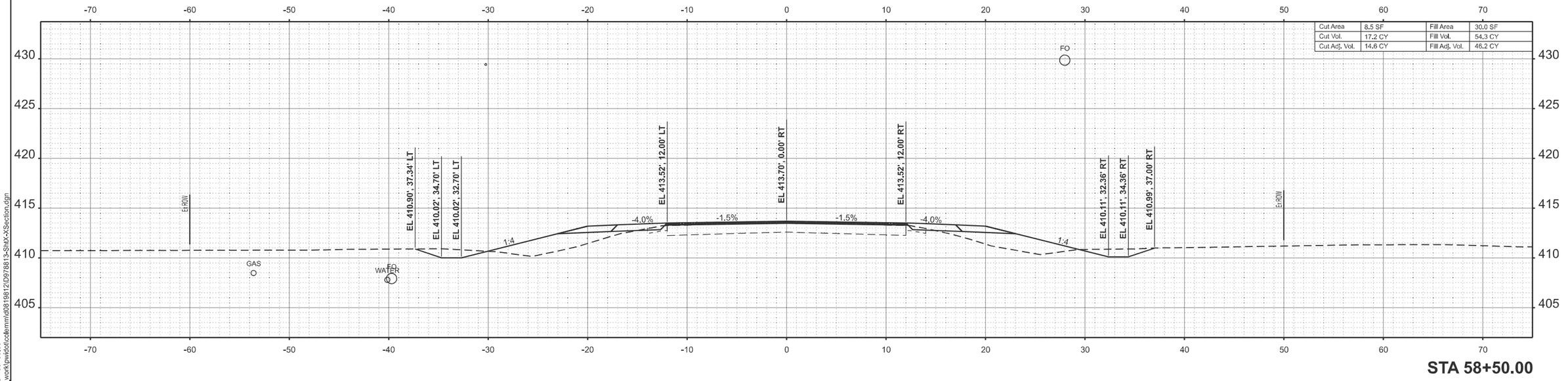

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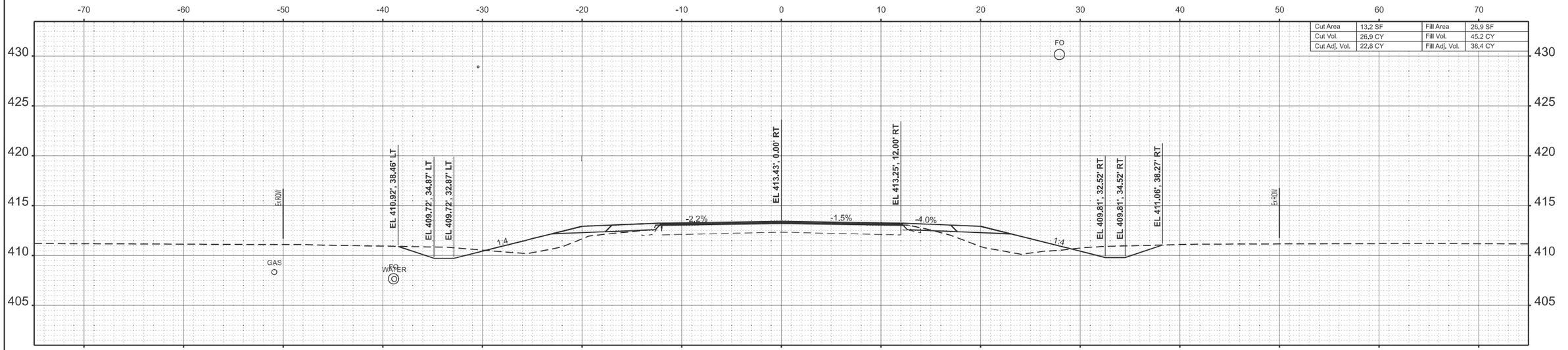
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 86 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	163
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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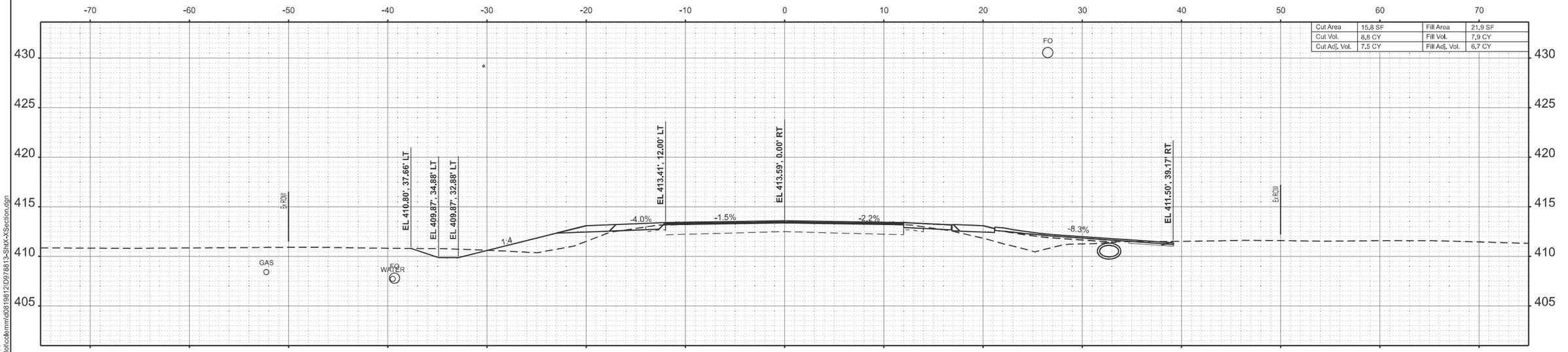

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PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

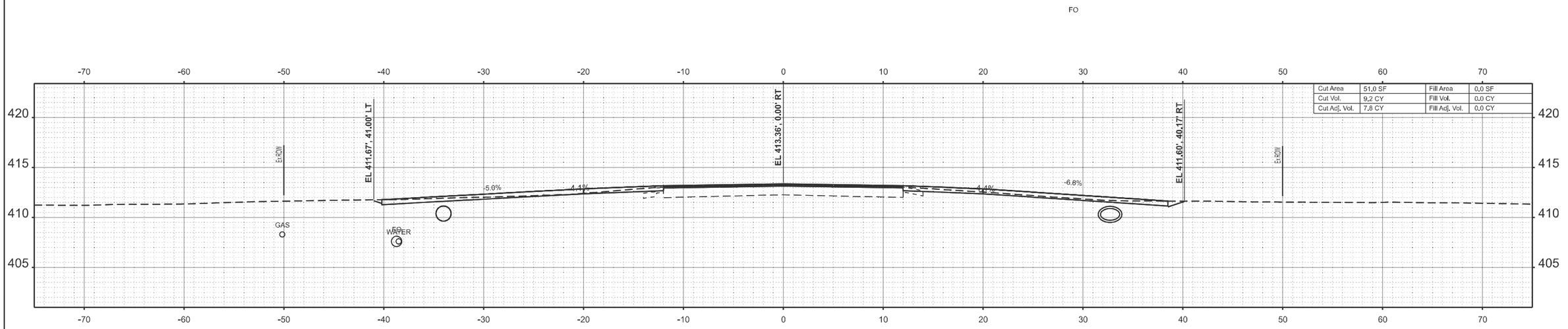
CROSS SECTIONS

SCALE: | SHEET 87 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	164

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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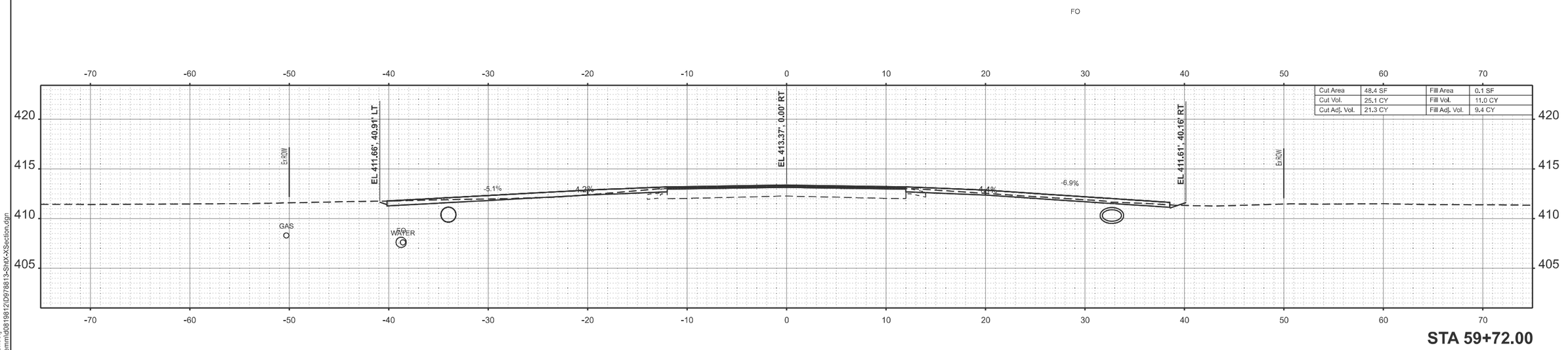

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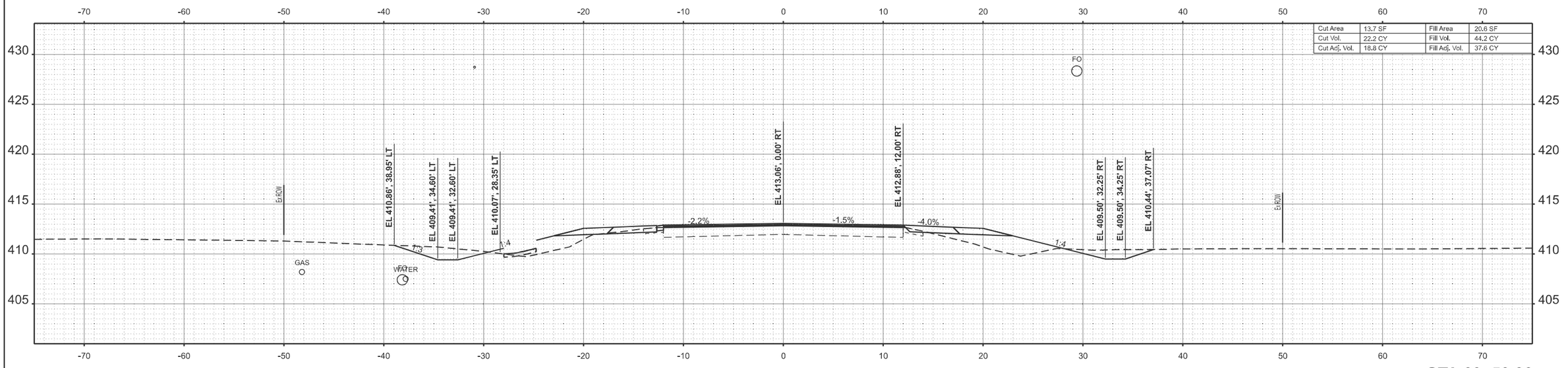
PLOT DATE = 8/20/2025	DATE -	REVISED -	

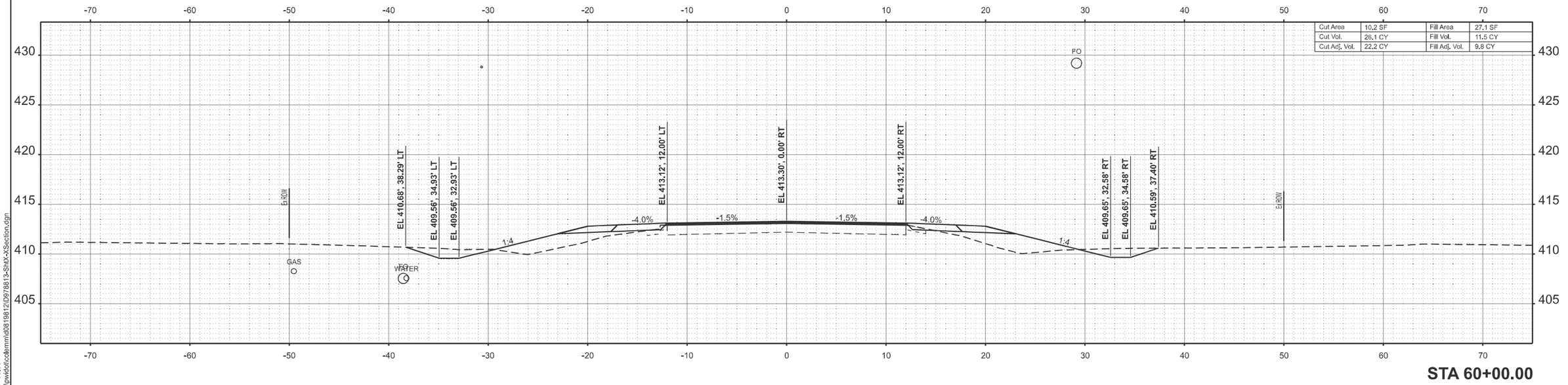
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 88 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	165
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			





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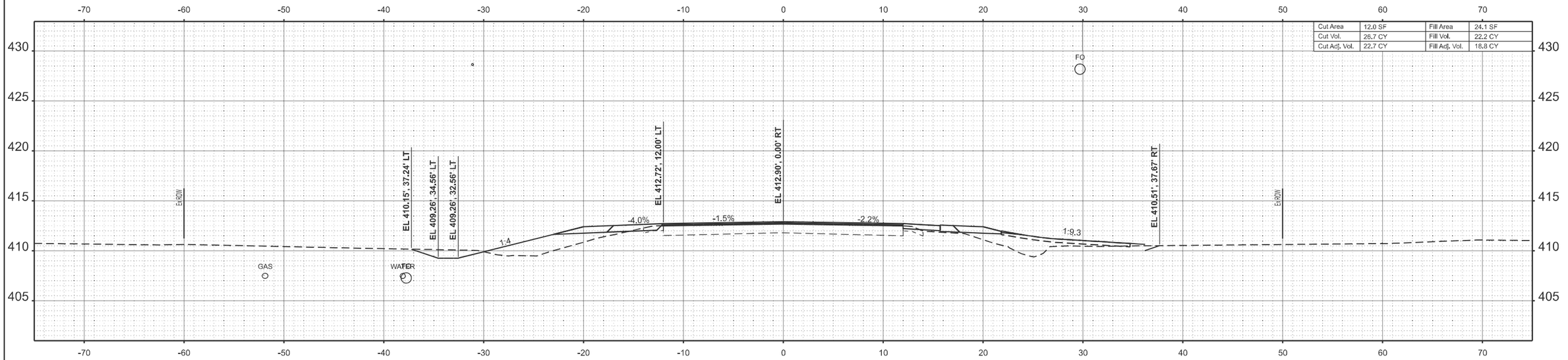
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 89 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	166
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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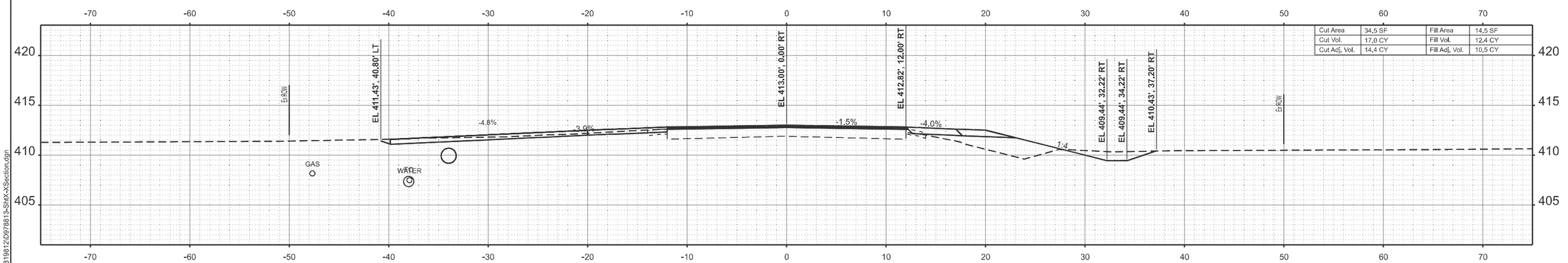

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	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: | SHEET 90 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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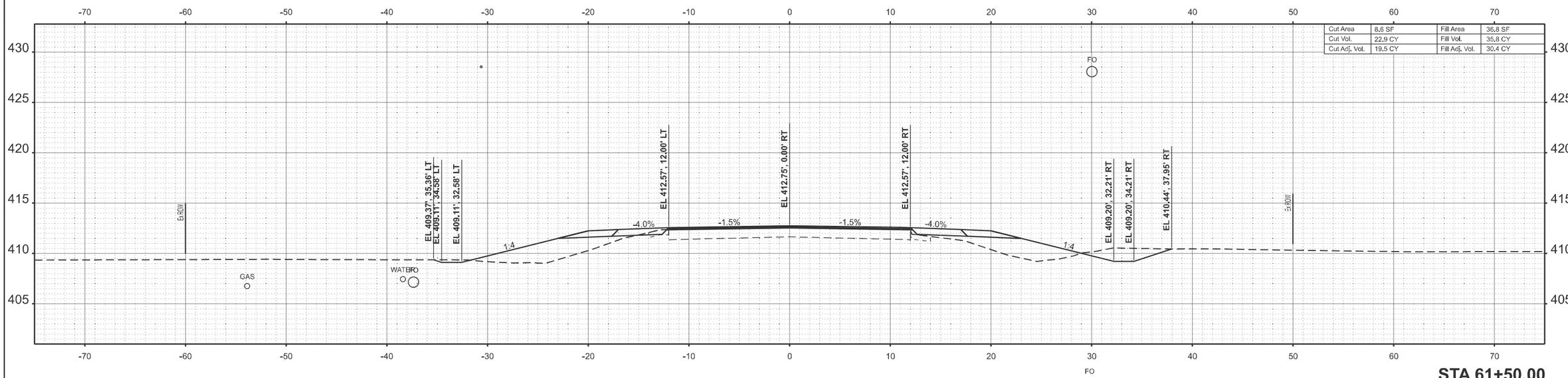
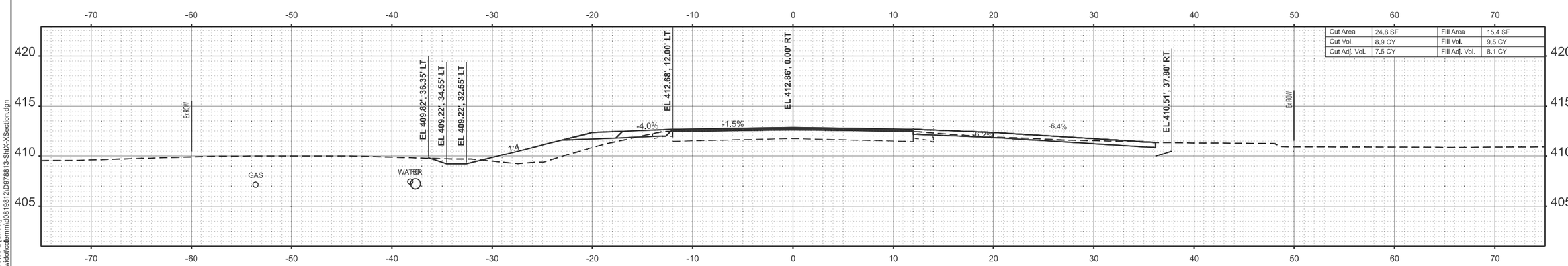
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 61+50.00



STA 61+13.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

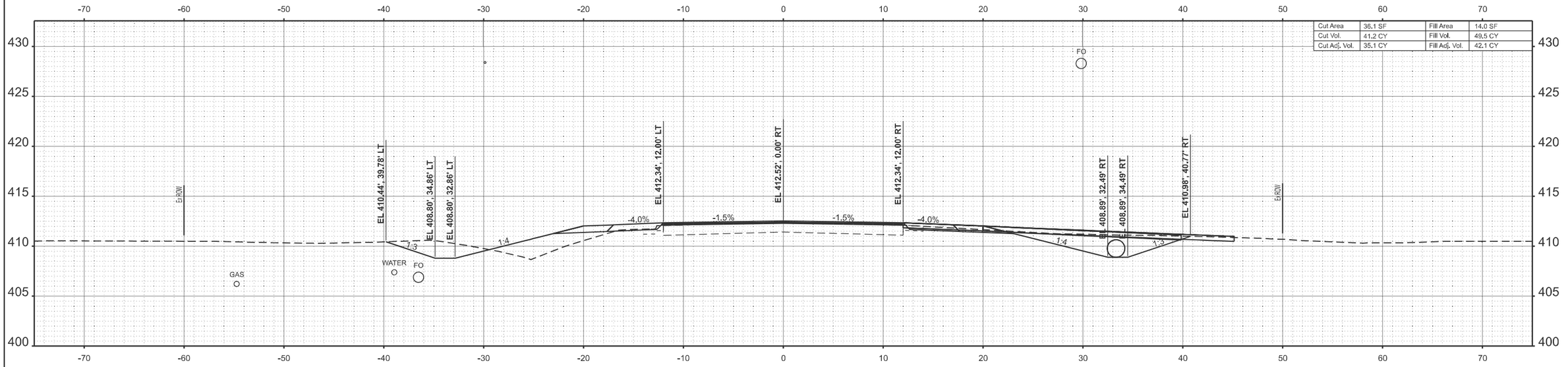
CROSS SECTIONS

SCALE: | SHEET 91 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	168

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT



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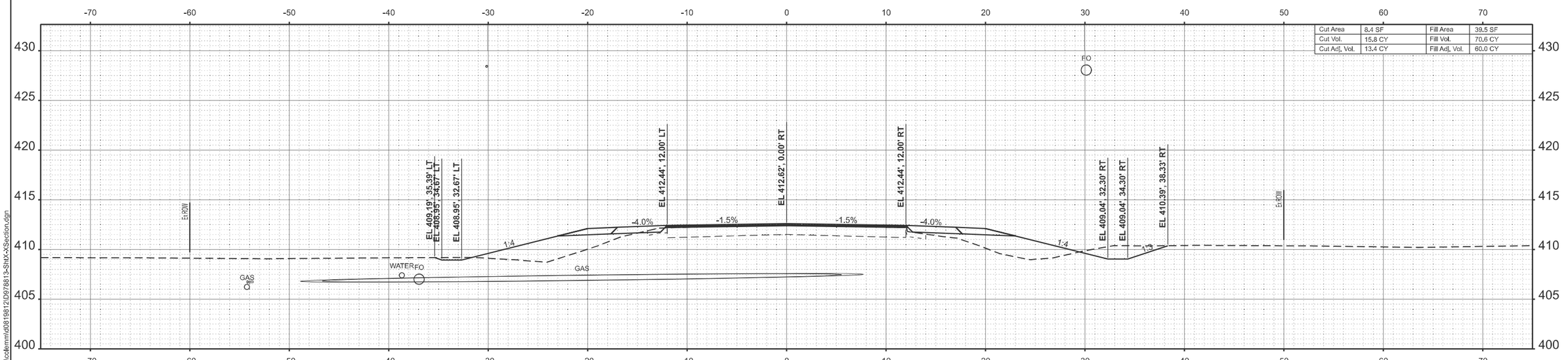

STA 62+00.00

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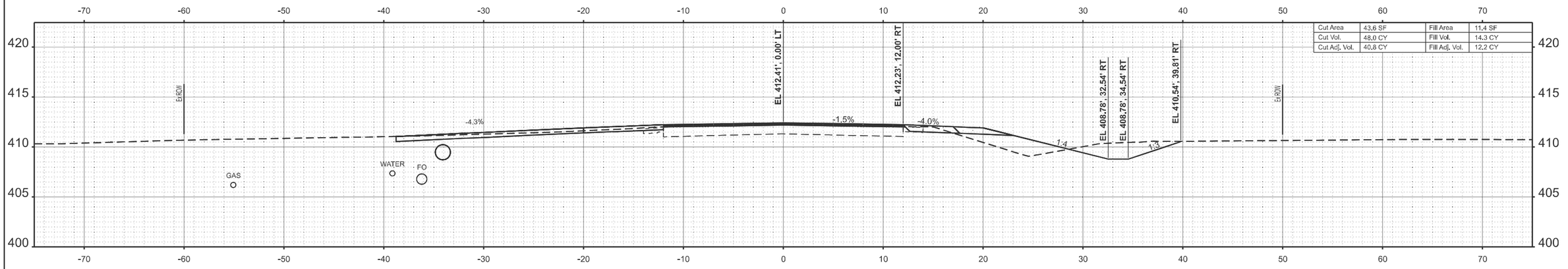
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

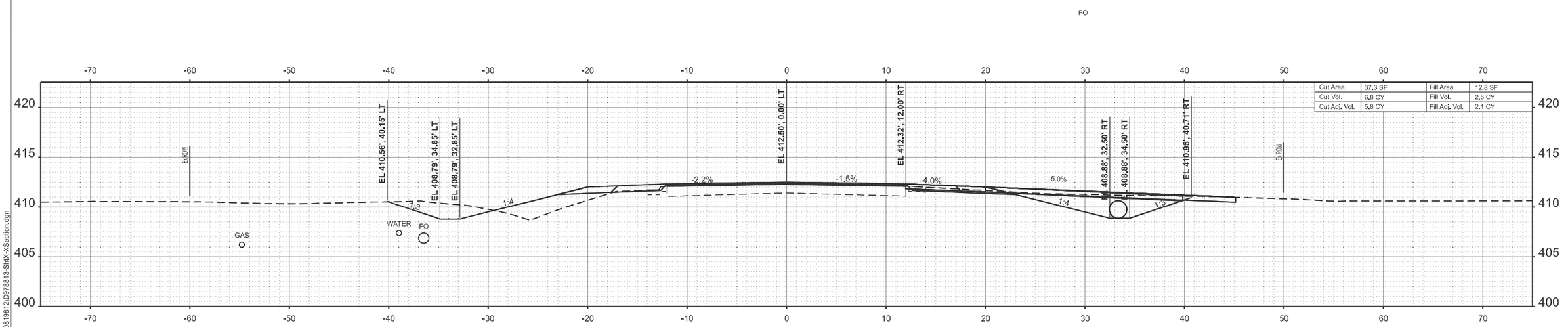
CROSS SECTIONS

SCALE: | SHEET 92 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	169
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 62+87.00



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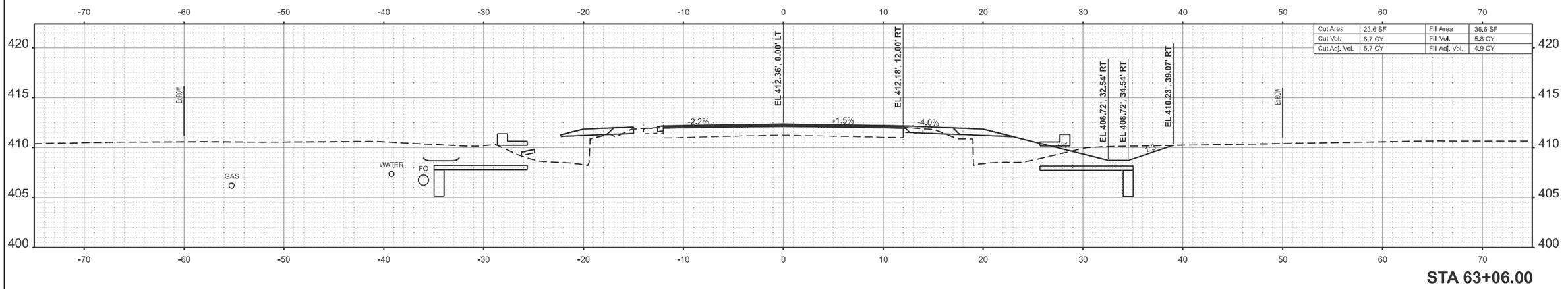
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 93 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	170
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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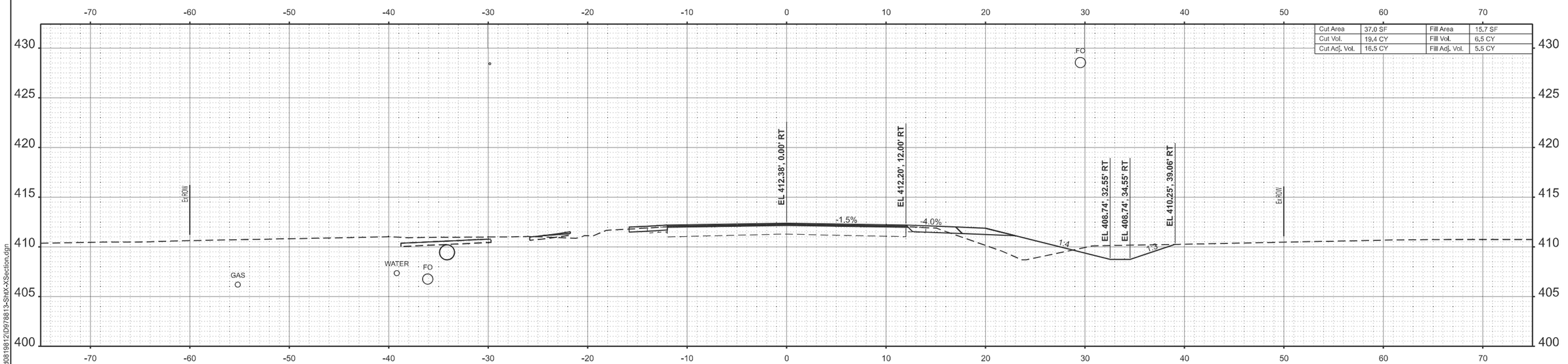

STA 63+00.00

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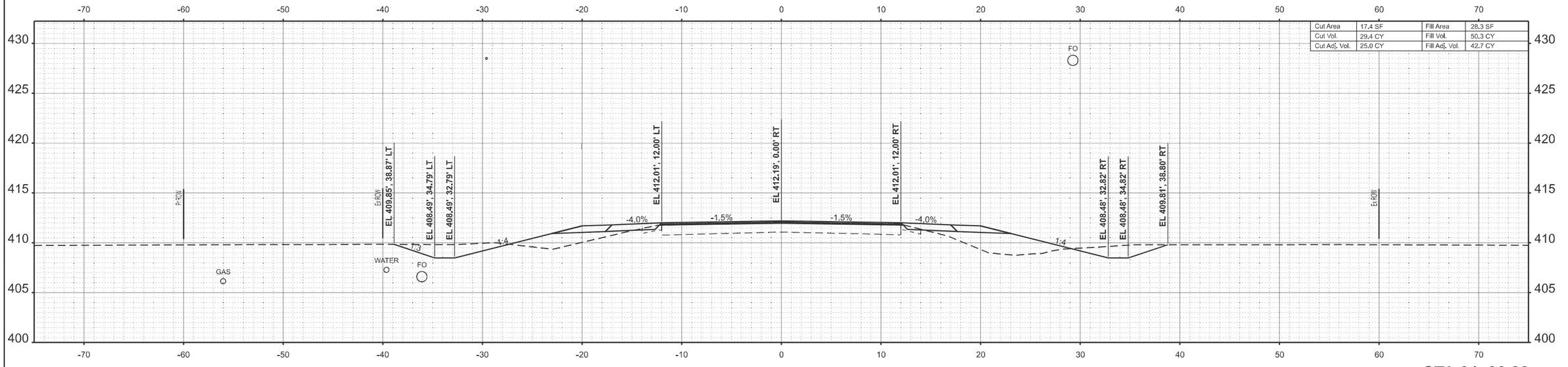
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

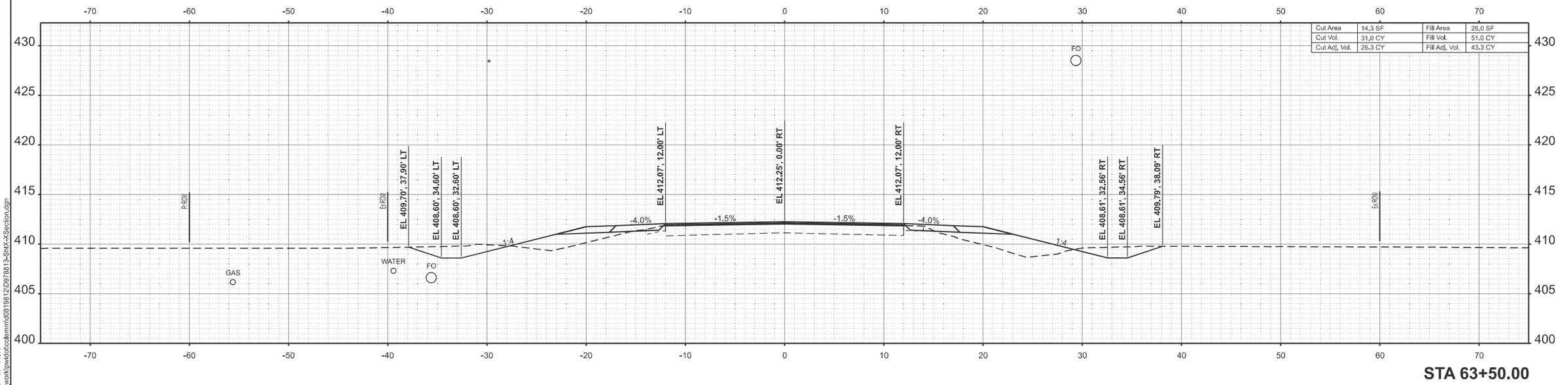
CROSS SECTIONS

SCALE: | SHEET 94 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	171
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 64+00.00



STA 63+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

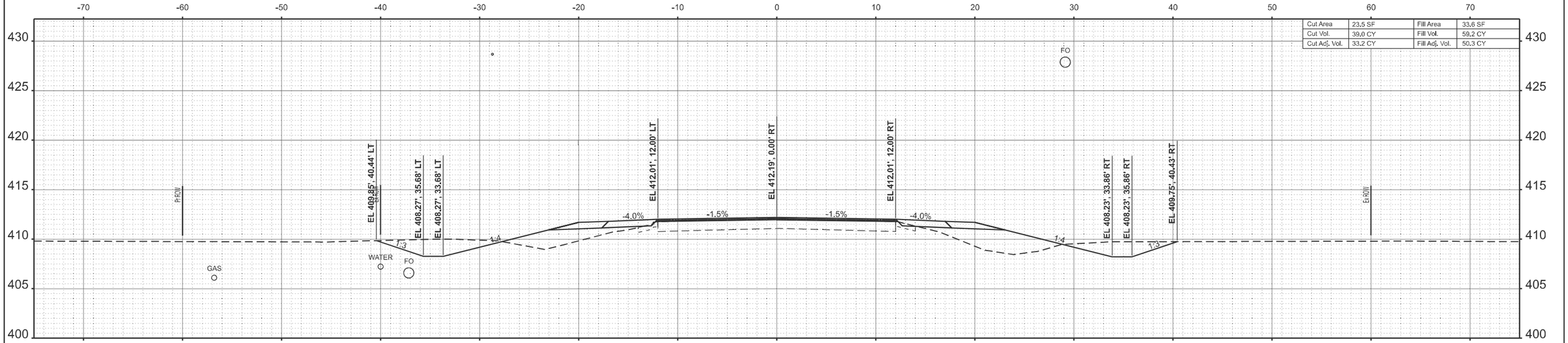
CROSS SECTIONS

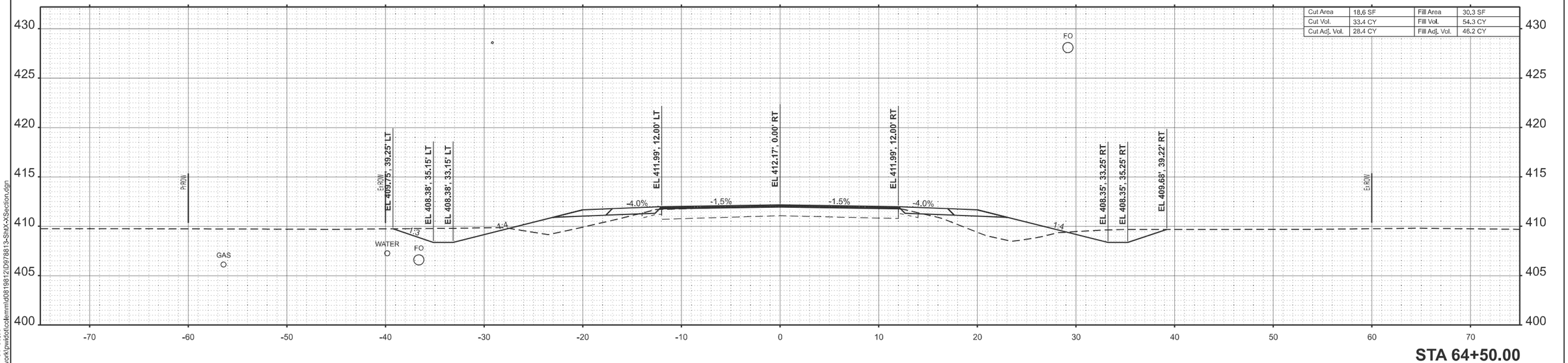
SCALE: | SHEET 95 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	172

CONTRACT NO. 78813

ILLINOIS | FED. AID PROJECT





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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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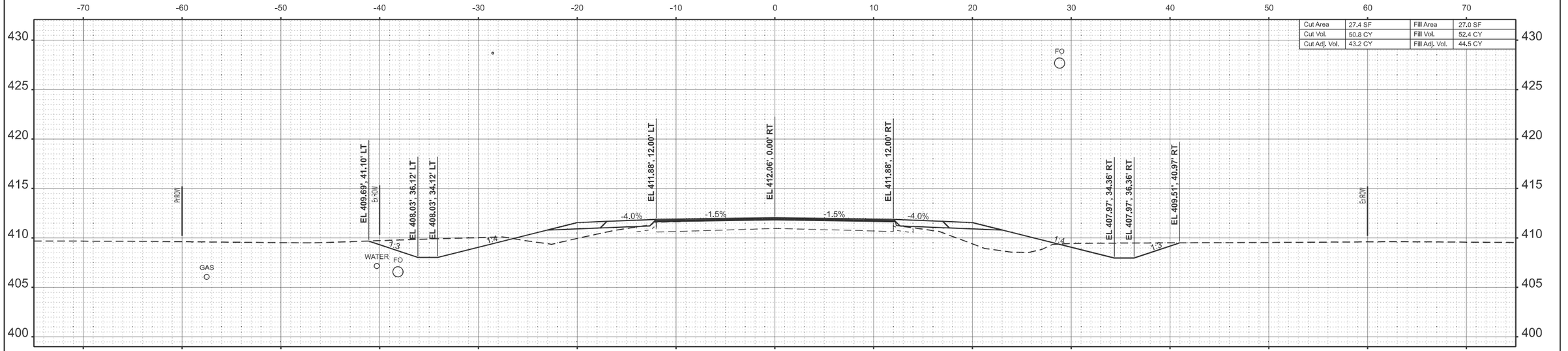
PLOT DATE = 8/20/2025	DATE -	REVISED -	

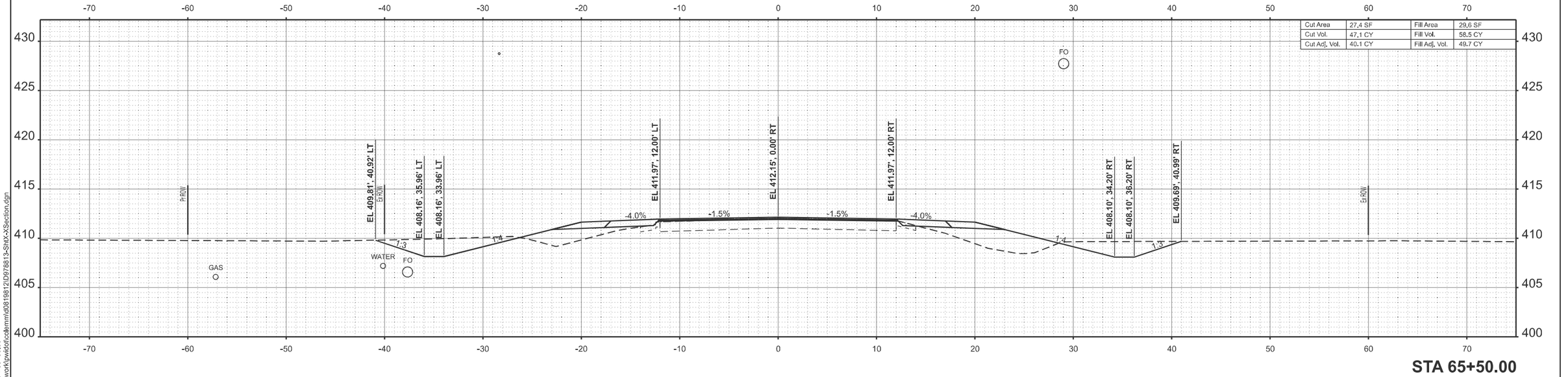
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 96 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	173
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			





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	DRAWN -	REVISED -	
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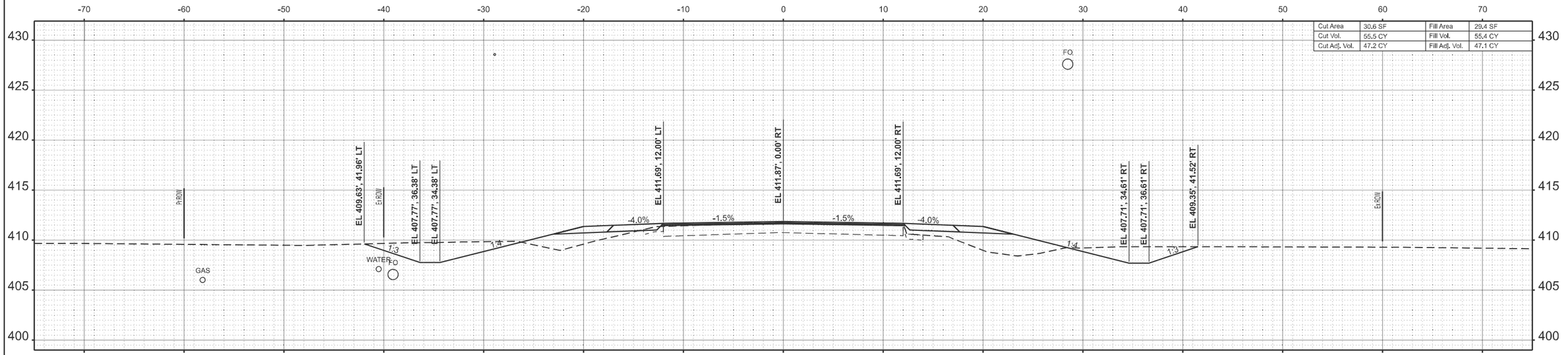
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

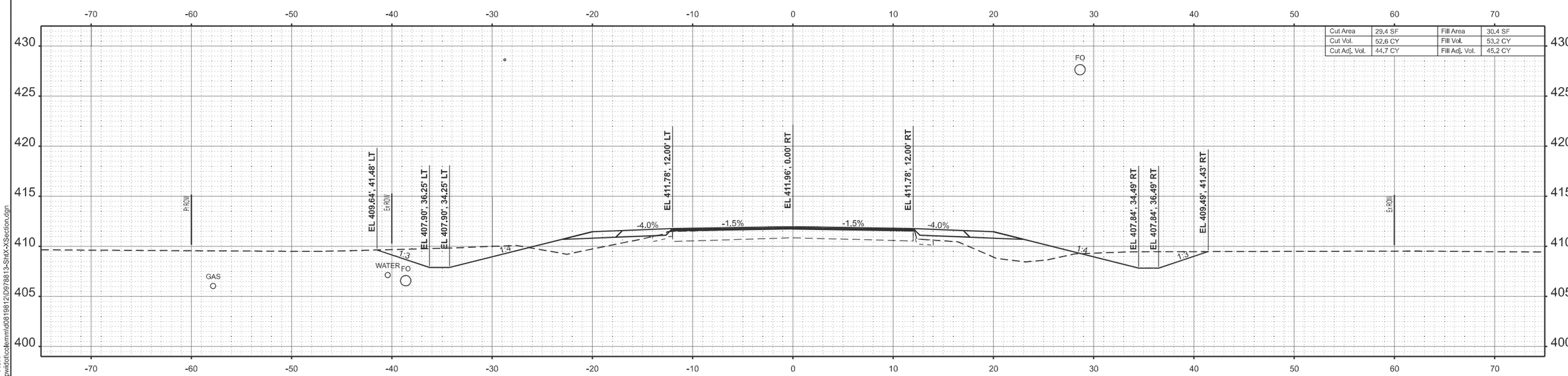
CROSS SECTIONS

SCALE: | SHEET 97 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	174
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 67+00.00



STA 66+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
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PLOT DATE = 8/20/2025	DATE -	REVISED -	

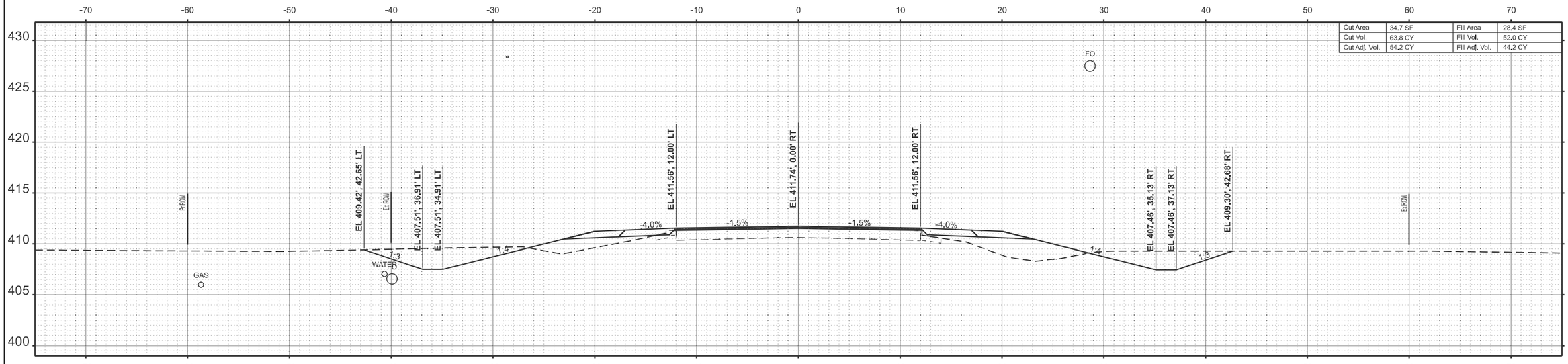
CROSS SECTIONS

SCALE: SHEET 98 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	175

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



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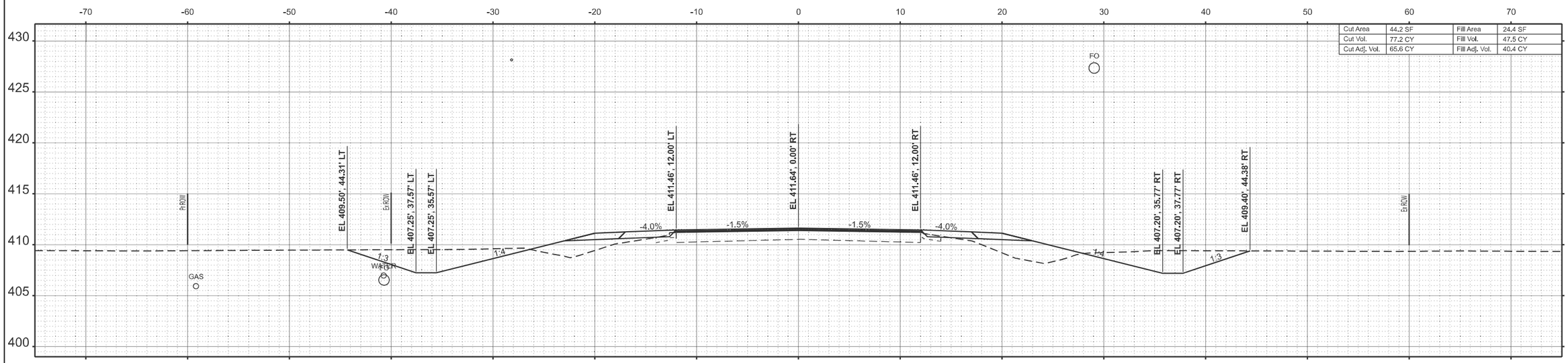
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

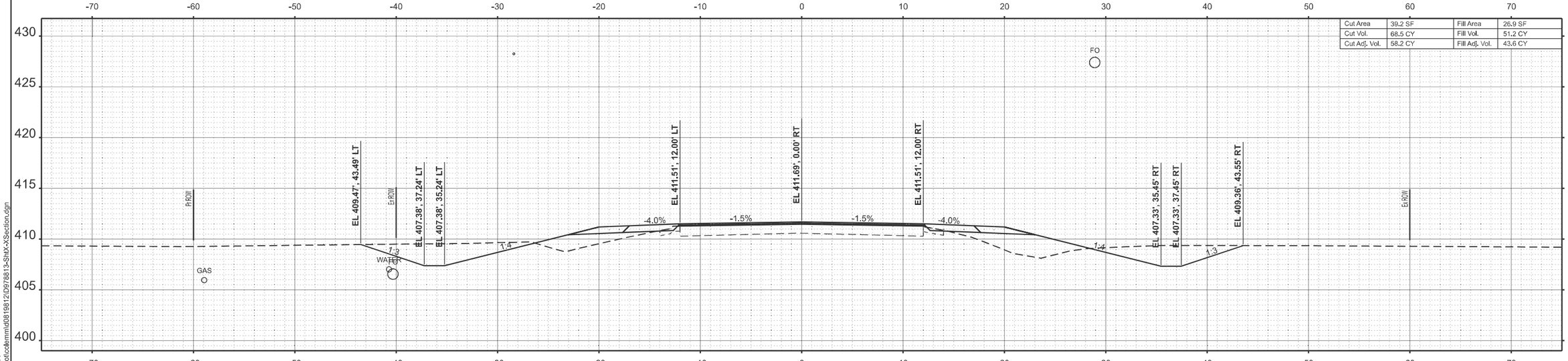
CROSS SECTIONS

SCALE: | SHEET 99 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	176
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 69+00.00



STA 68+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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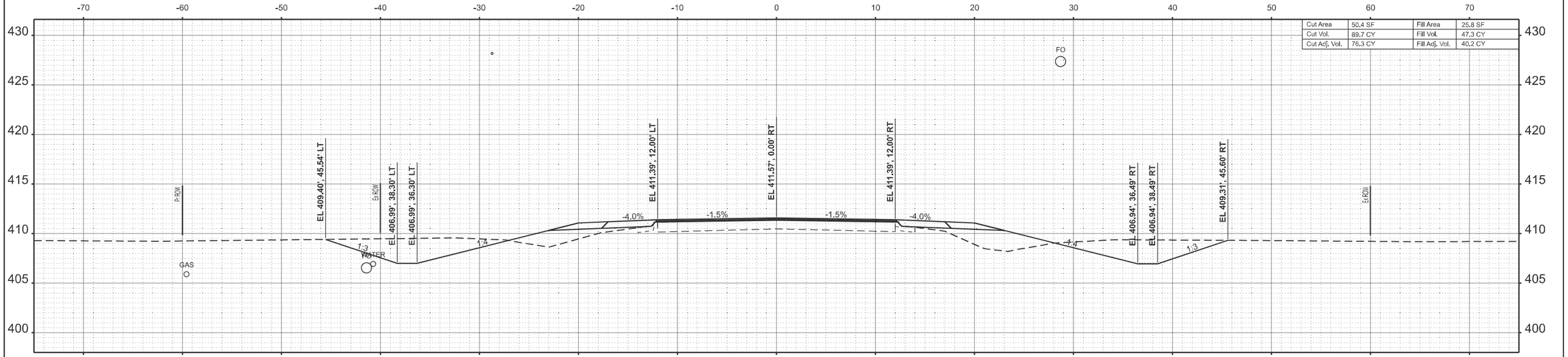
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

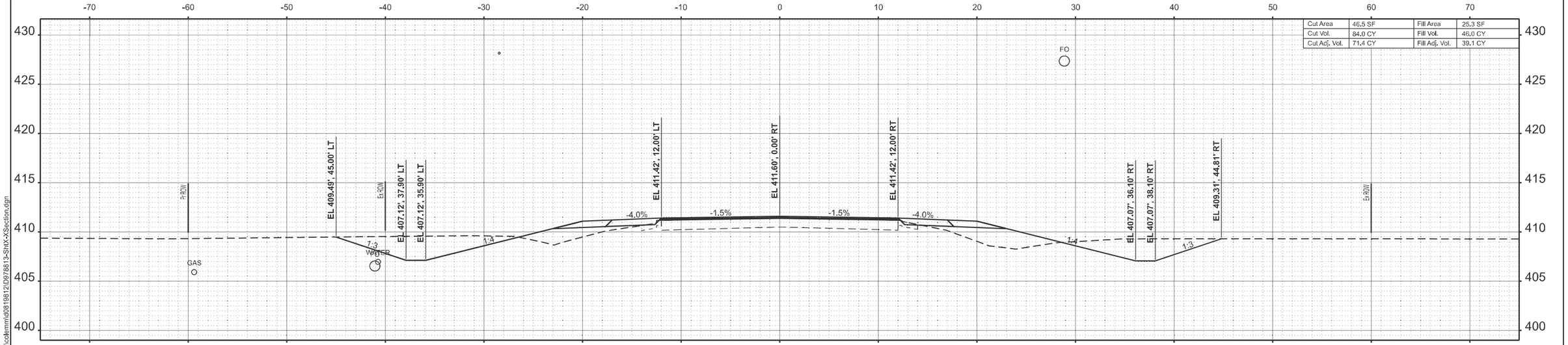
CROSS SECTIONS

SCALE: | SHEET 100 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	177
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 70+00.00



STA 69+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

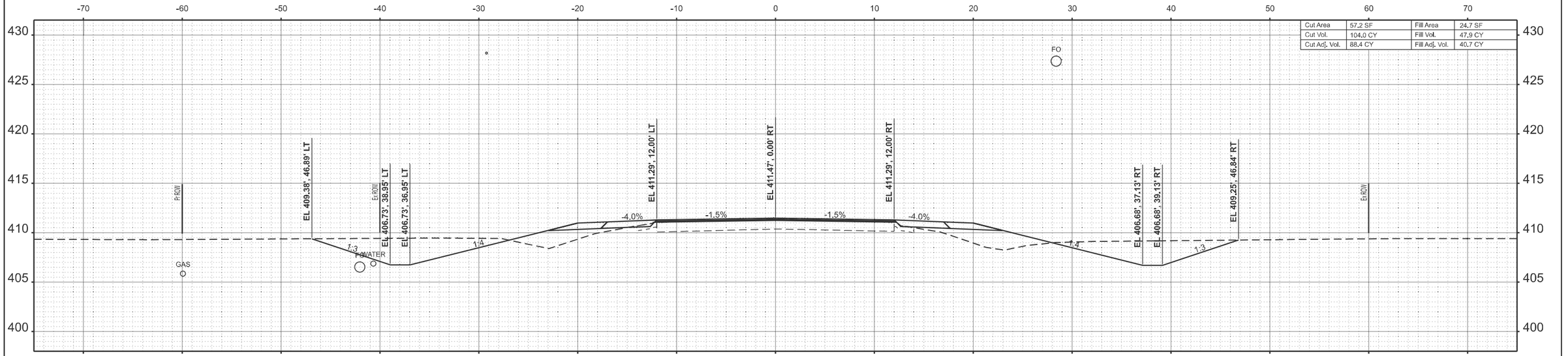
CROSS SECTIONS

SCALE: SHEET 101 OF 124 SHEETS STA. TO STA.

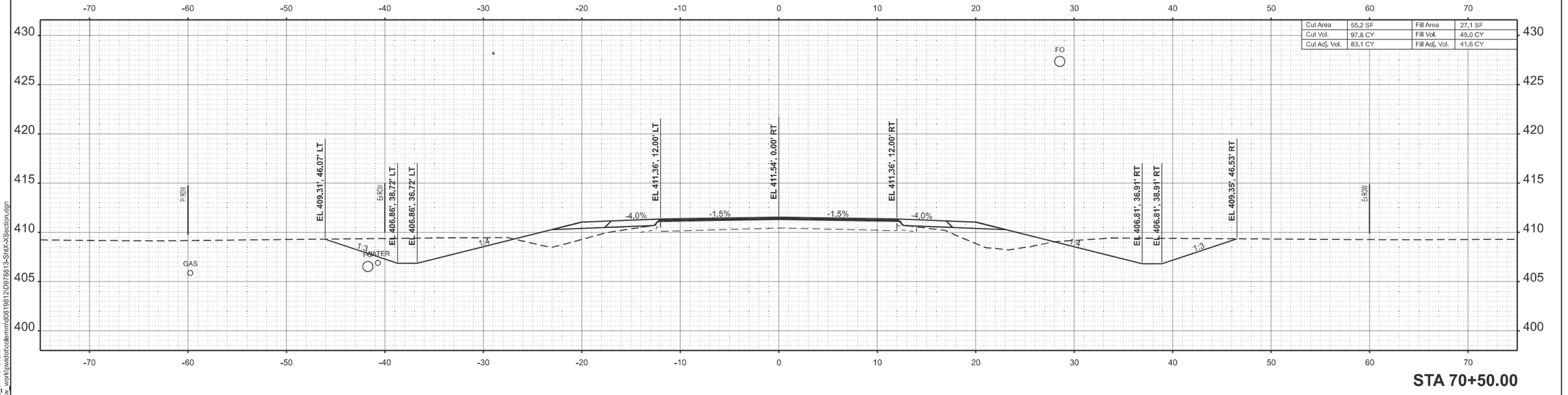
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	178

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



STA 71+00.00



STA 70+50.00

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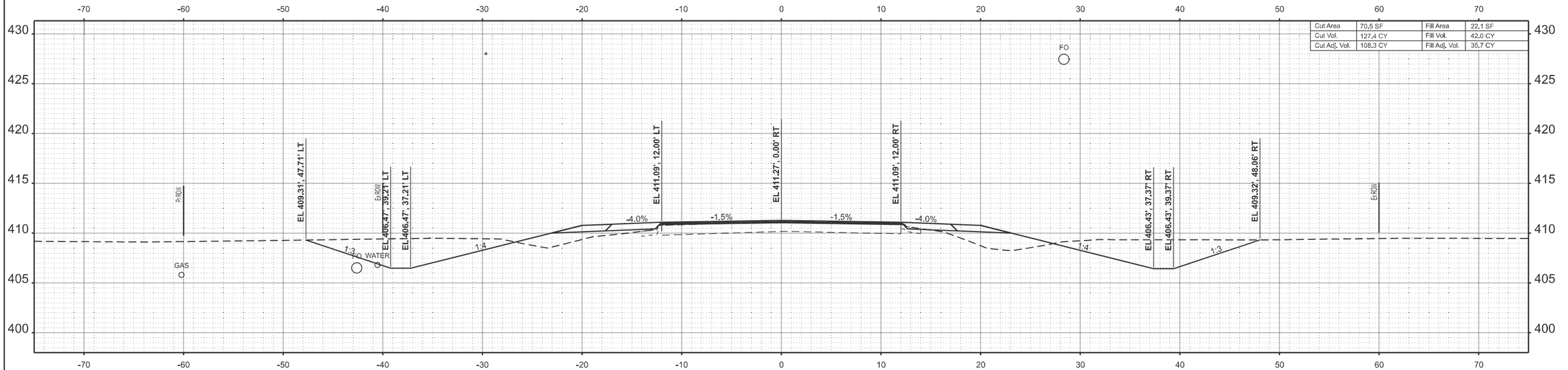
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

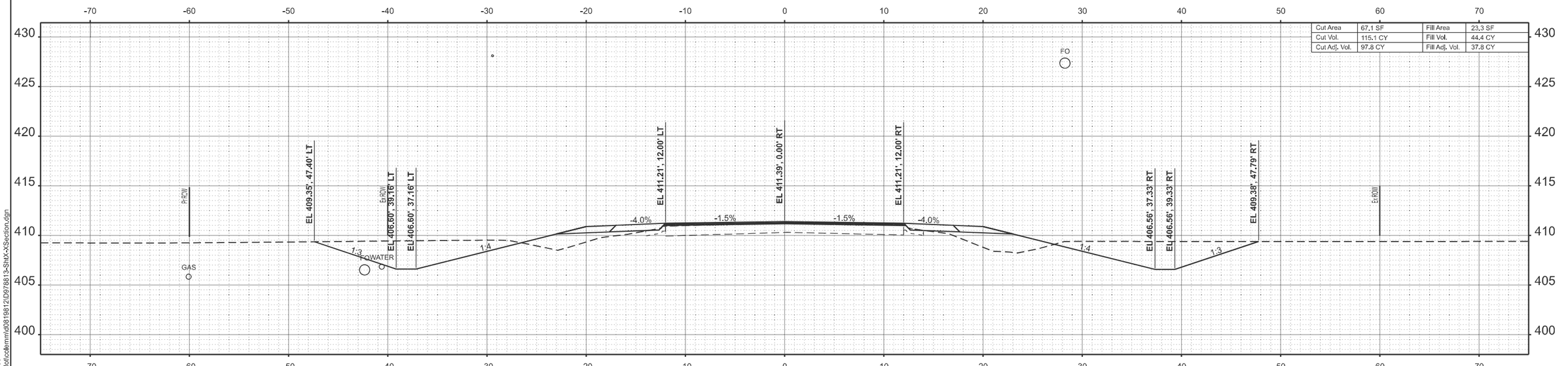
CROSS SECTIONS

SCALE: | SHEET 102 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	179
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	



STA 72+00.00



STA 71+50.00

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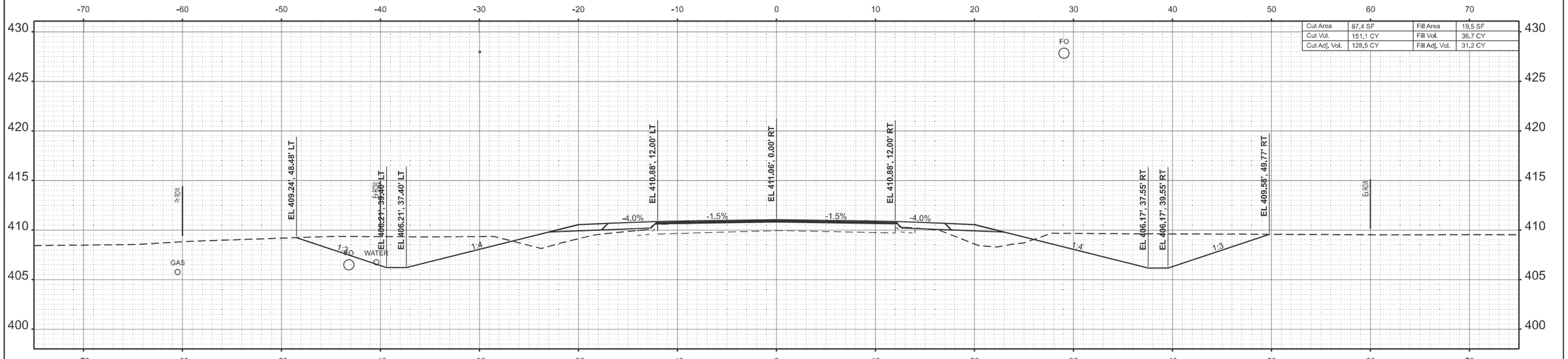
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 103 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	180
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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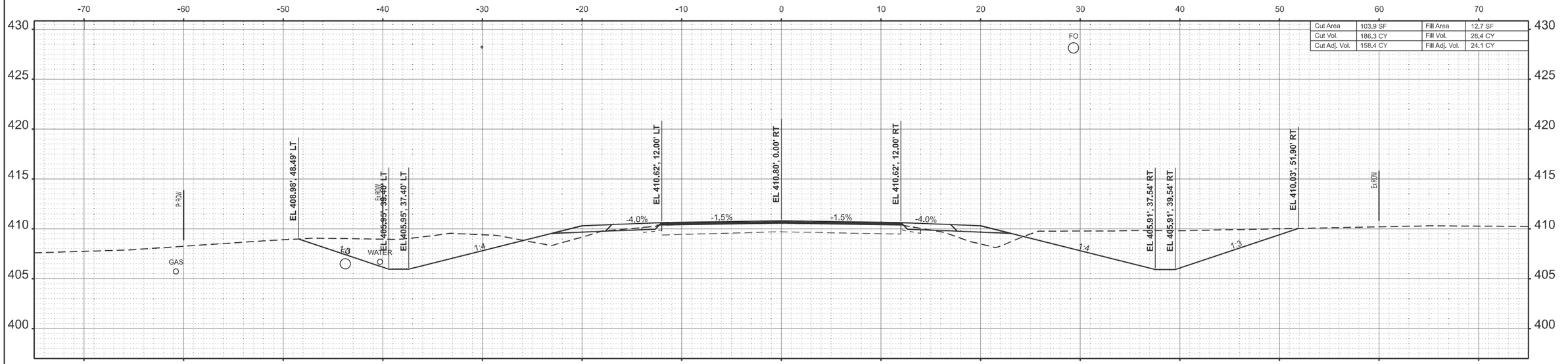
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 104 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	181
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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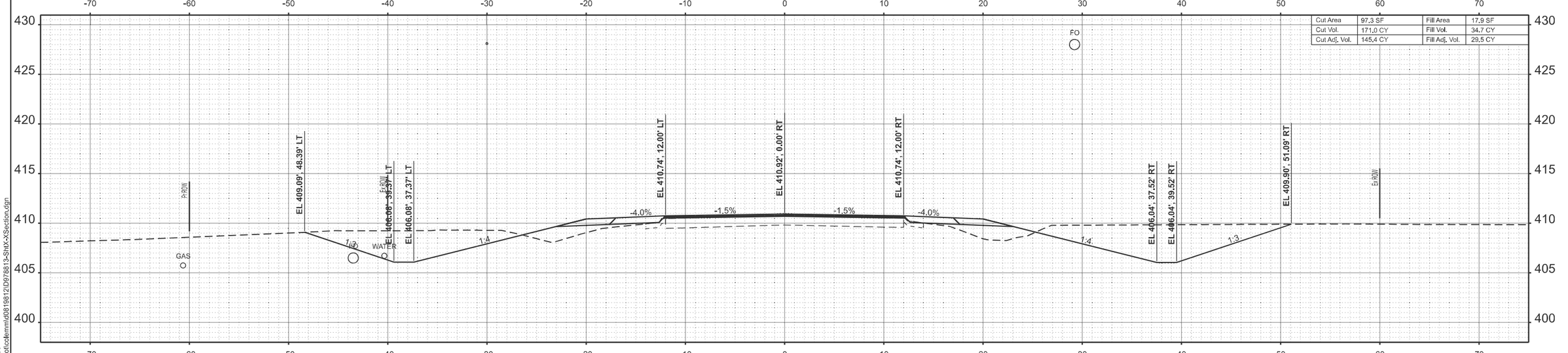

STA 73+50.00

MODEL: IL14_TL_C - 73+50.00
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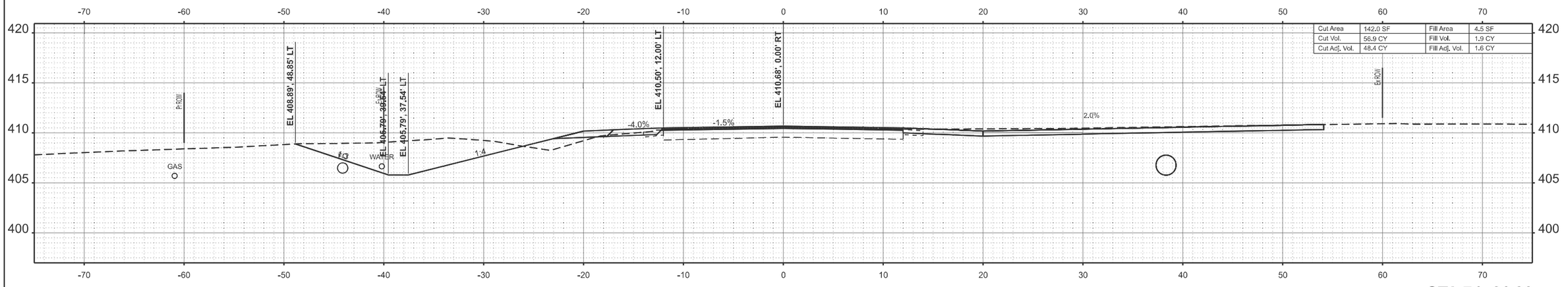
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

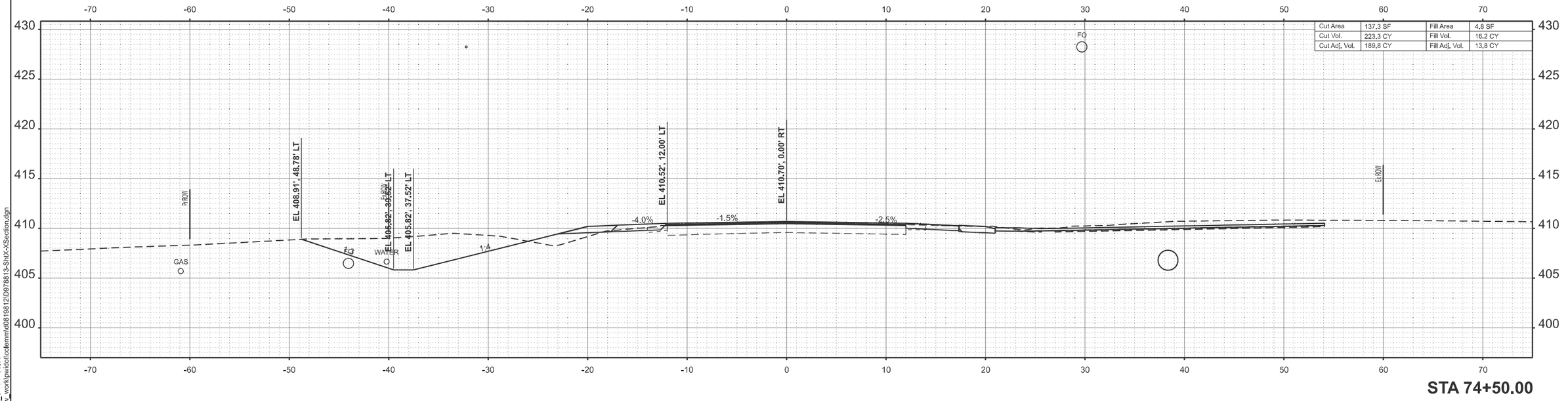
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 105 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	182
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		





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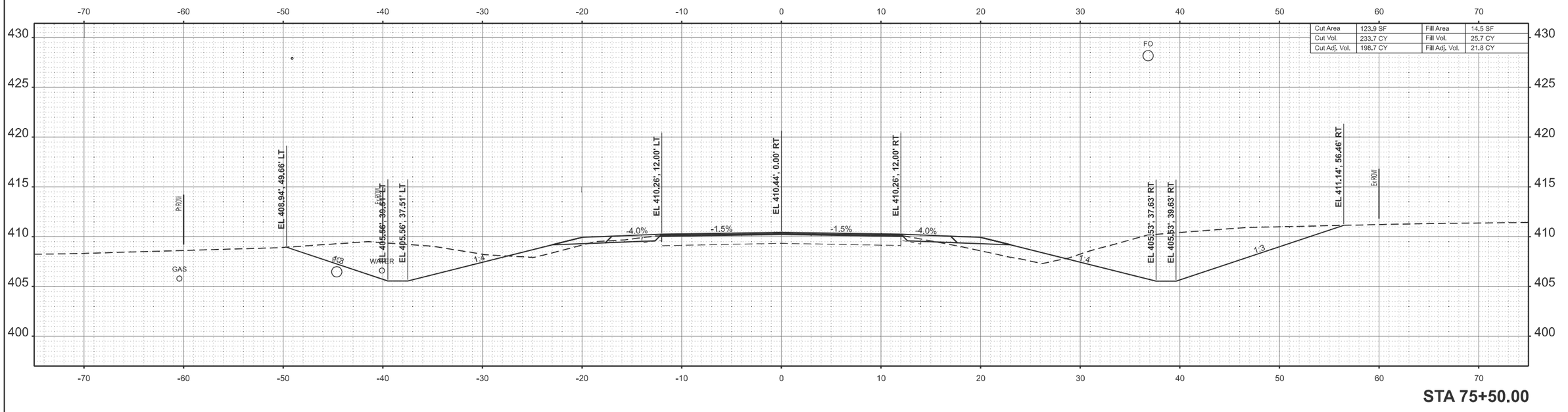
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 106 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	183
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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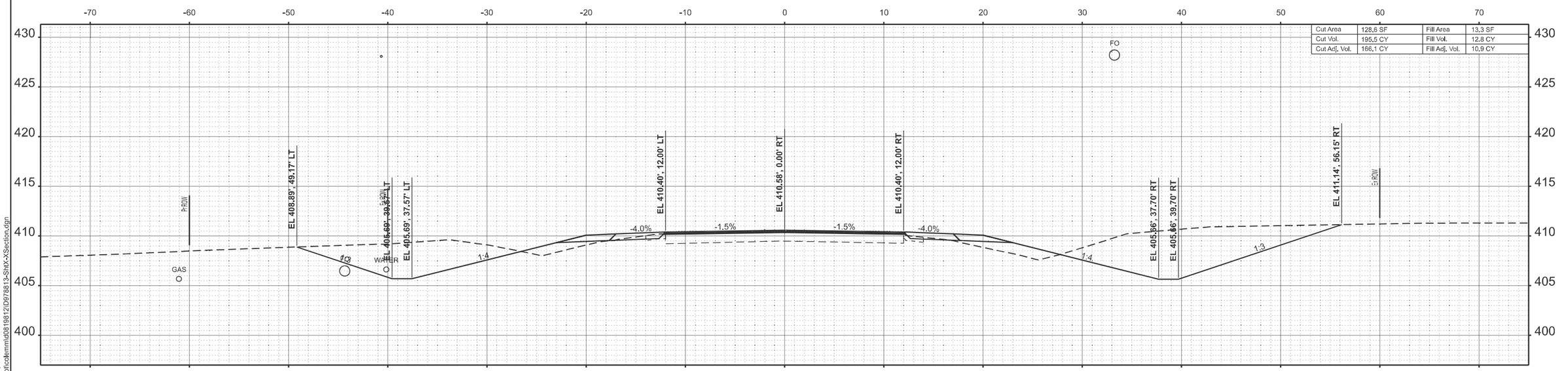

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USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

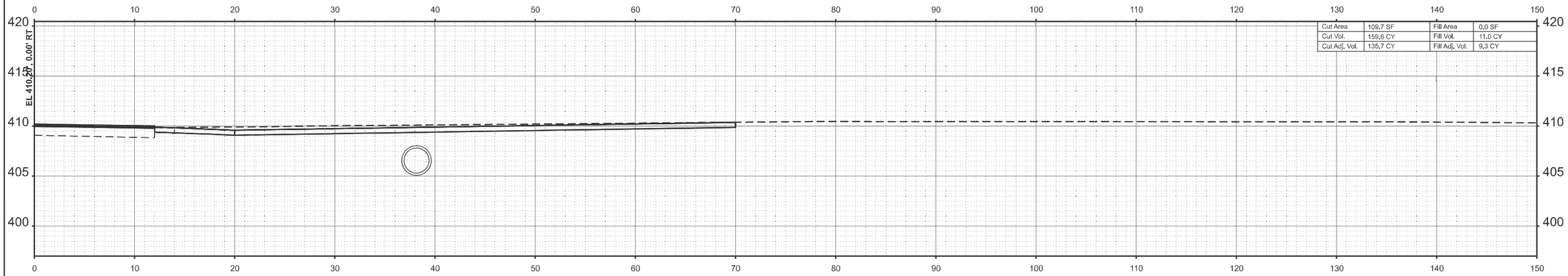
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 107 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	184
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		

FO



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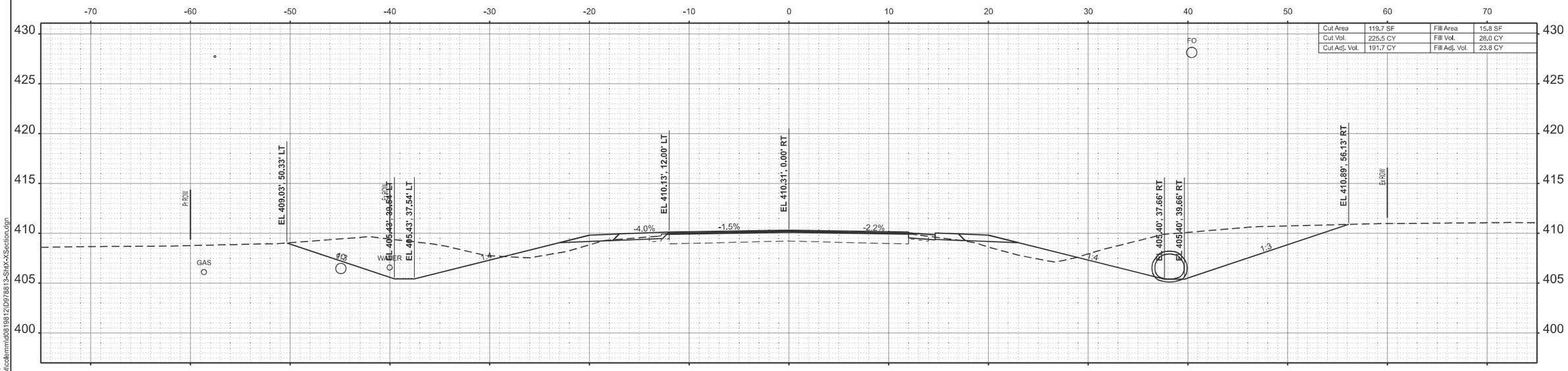

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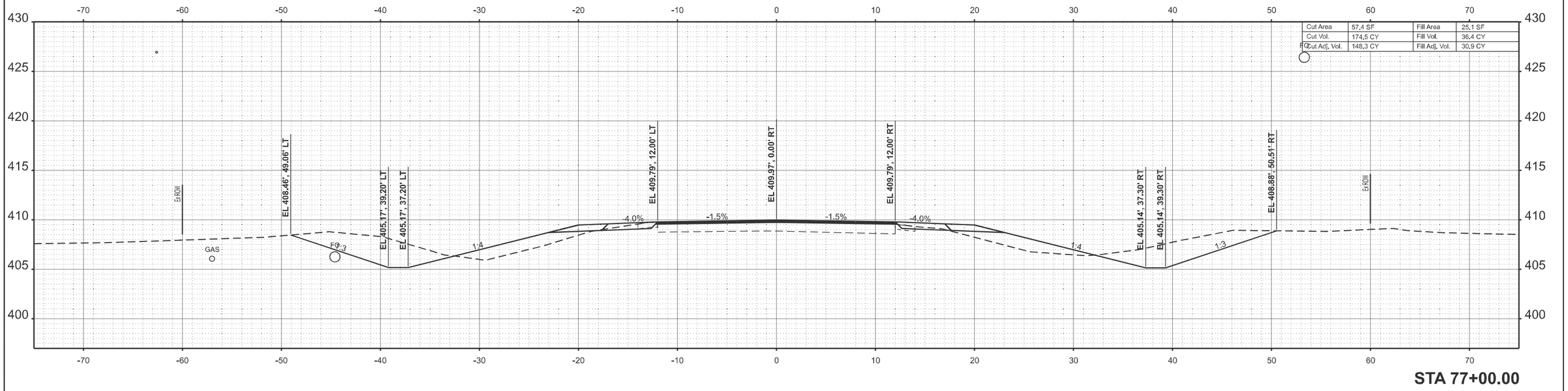
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

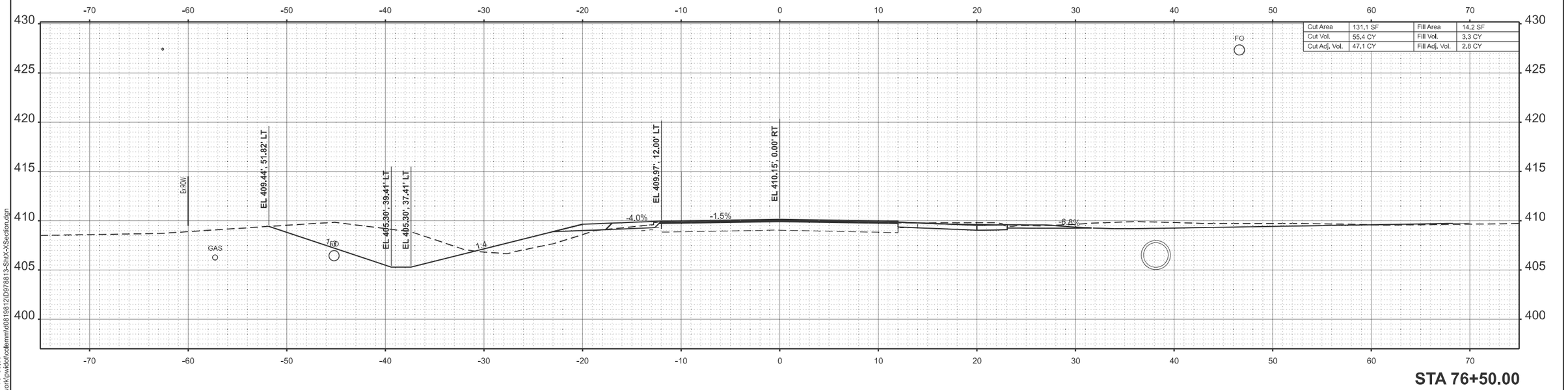
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 108 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	185
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		





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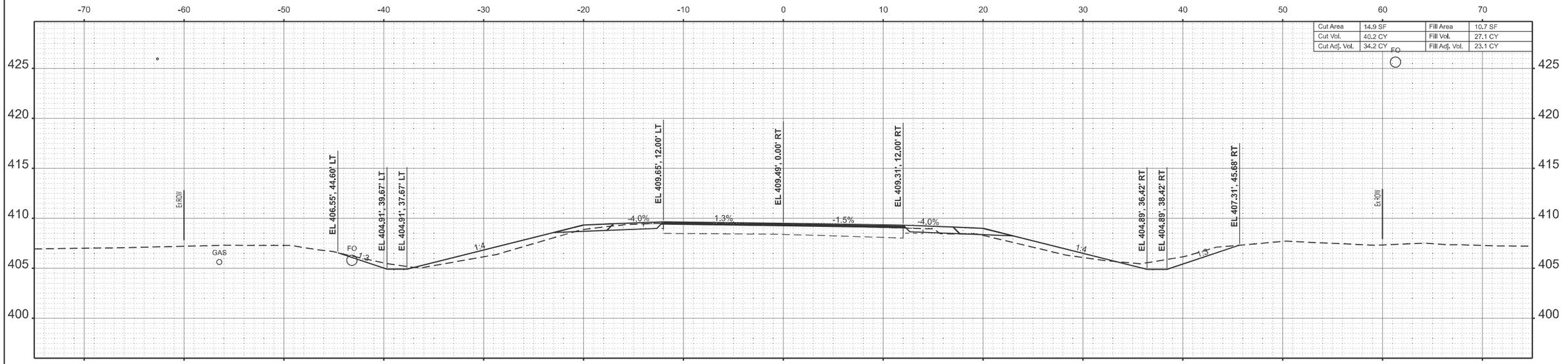
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

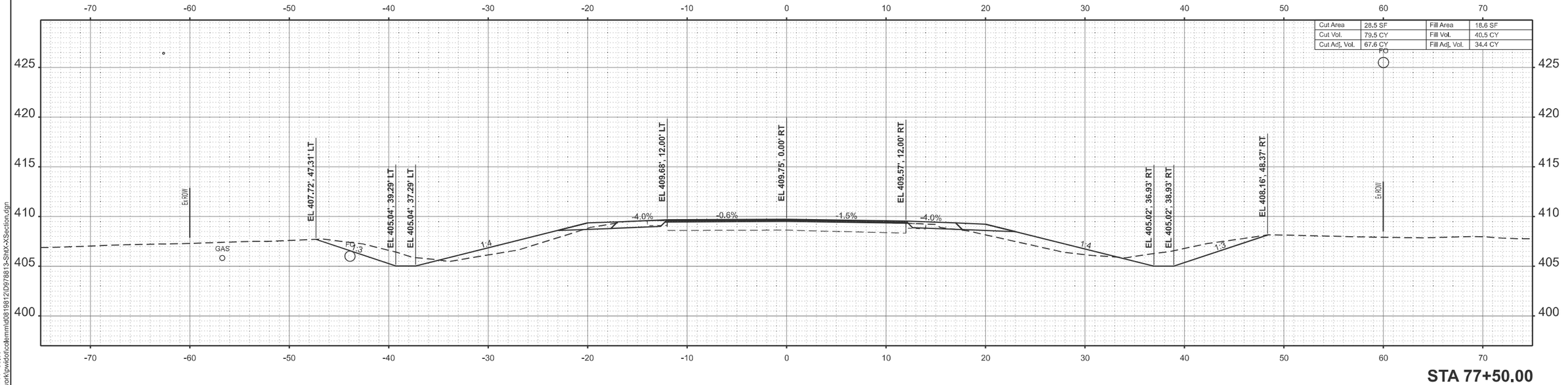
CROSS SECTIONS

SCALE: | SHEET 109 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	186
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



STA 78+00.00



STA 77+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

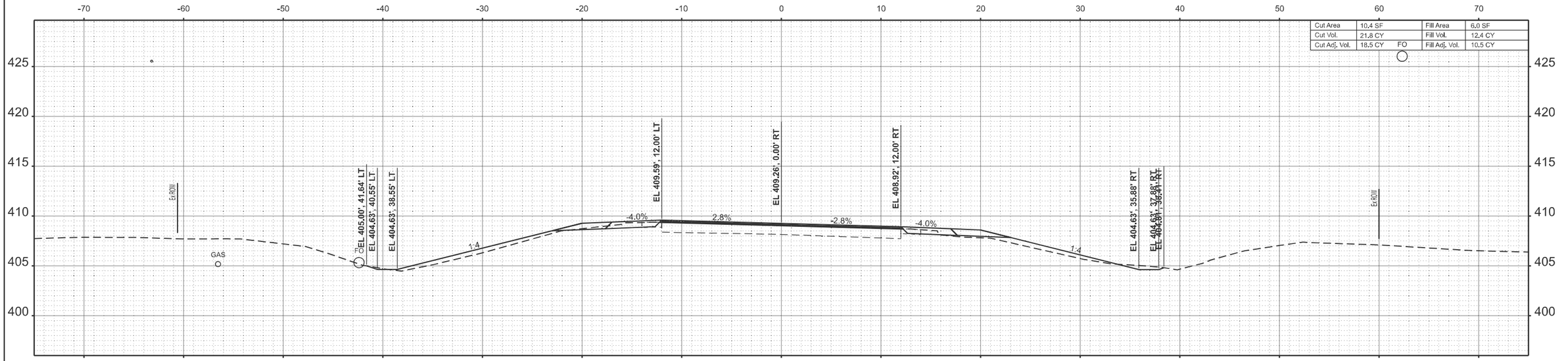
CROSS SECTIONS

SCALE: SHEET 110 OF 124 SHEETS STA. TO STA.

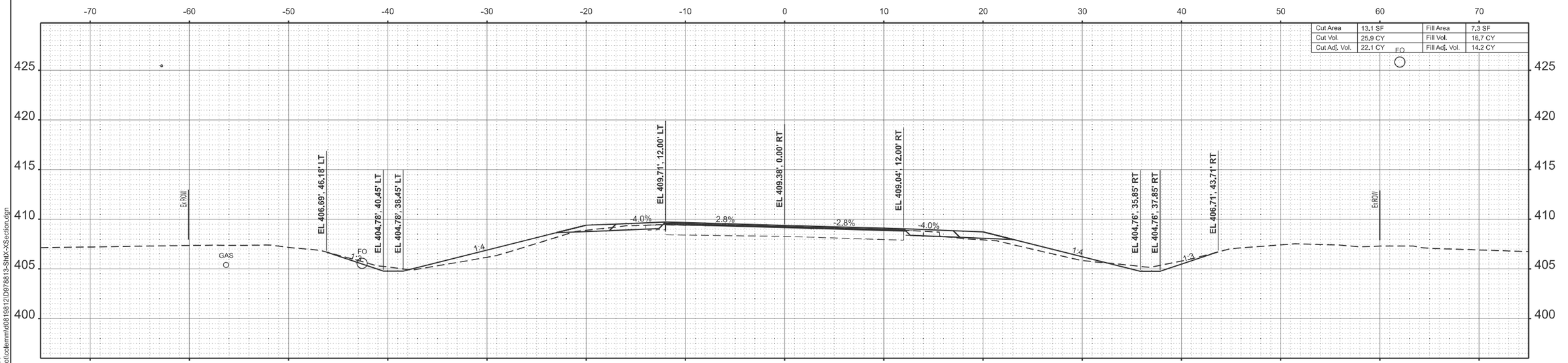
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	187

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



STA 79+00.00



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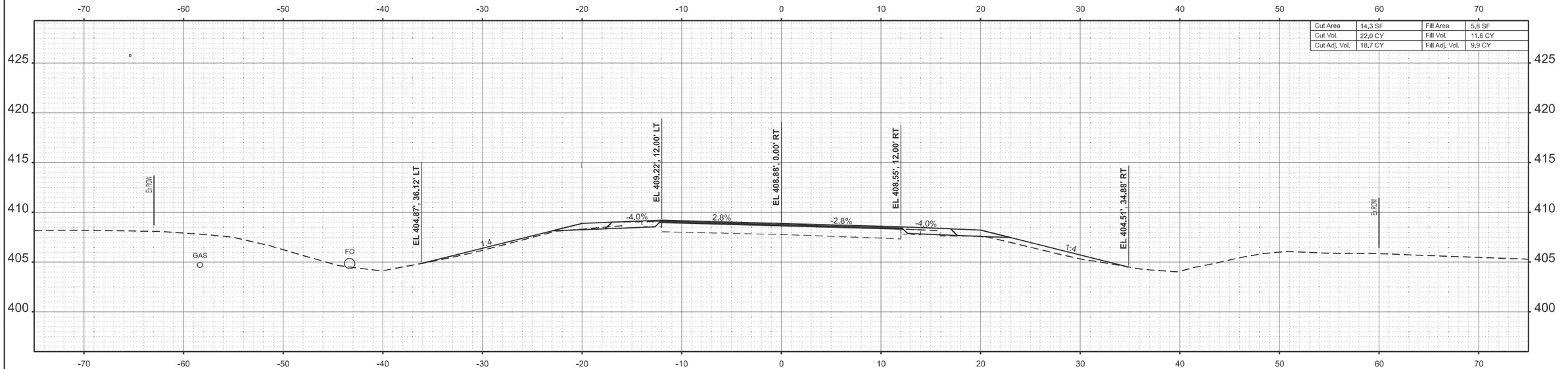
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

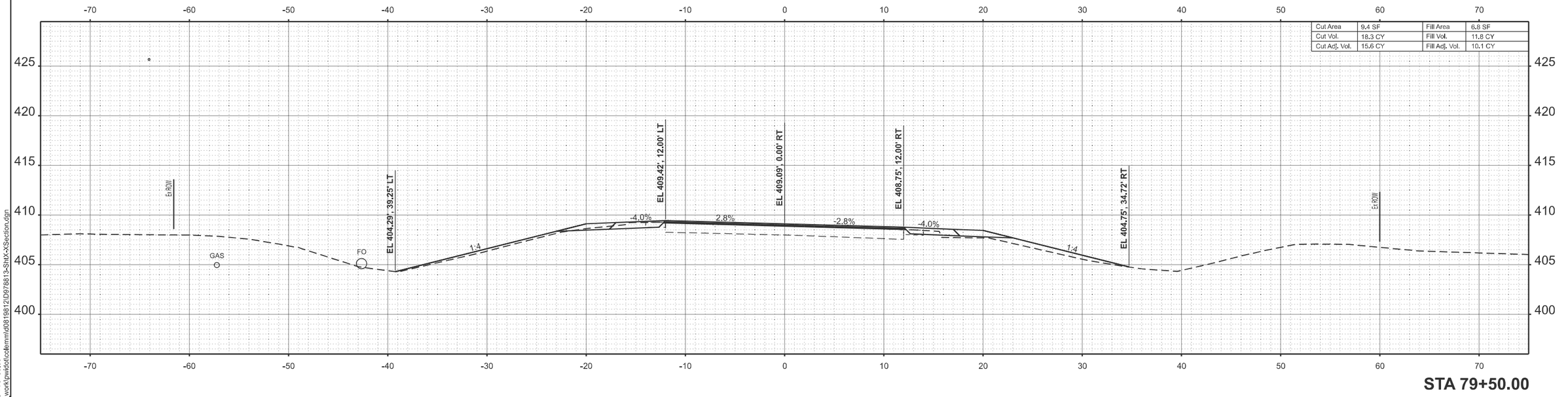
CROSS SECTIONS

SCALE: | SHEET 111 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	188
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 80+00.00



STA 79+50.00

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USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

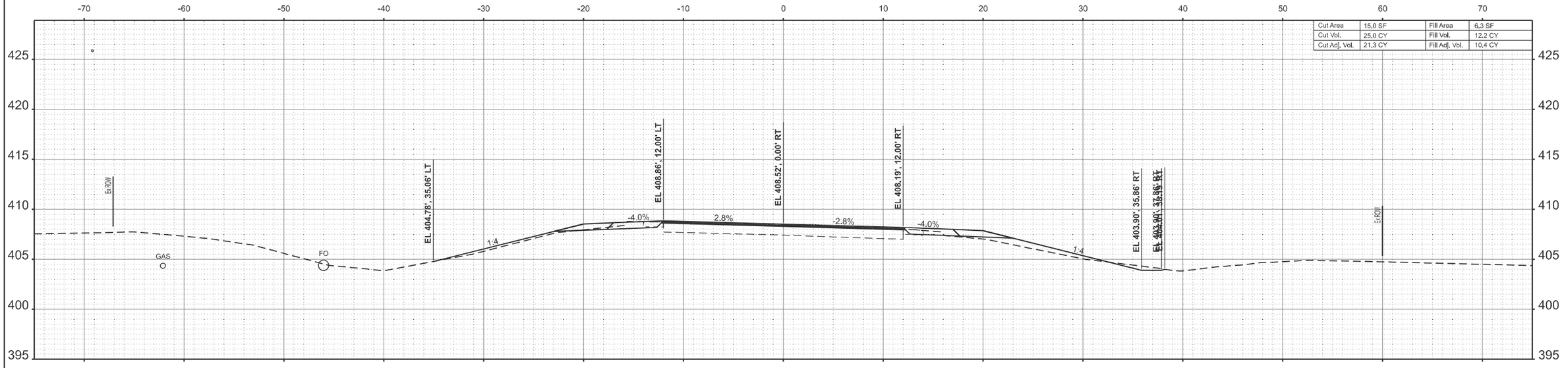
CROSS SECTIONS

SCALE: SHEET 112 OF 124 SHEETS STA. TO STA.

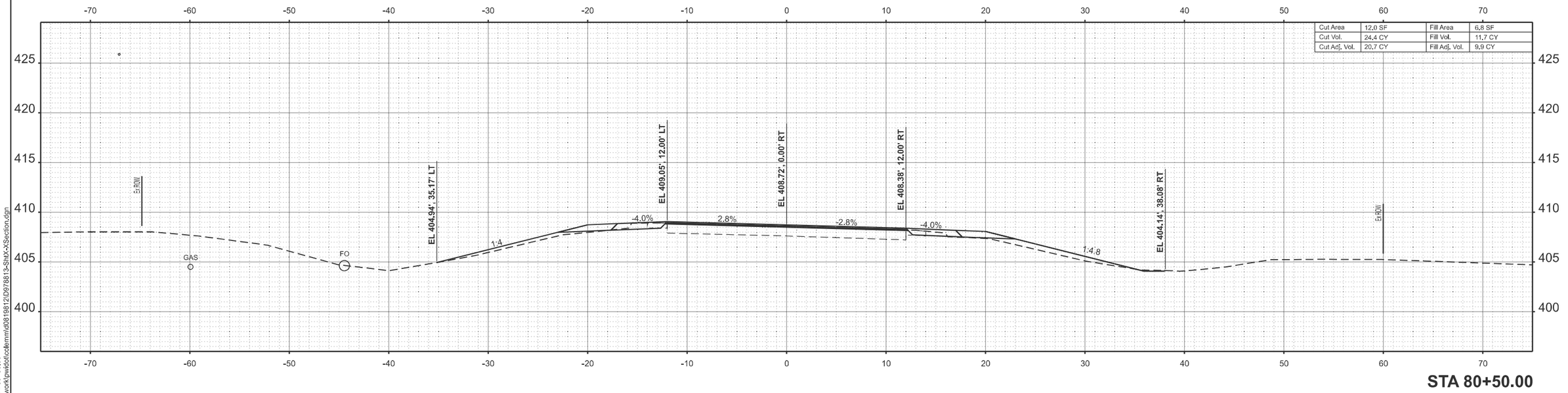
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	189

CONTRACT NO. 78813

ILLINOIS FED. AID PROJECT



STA 81+00.00



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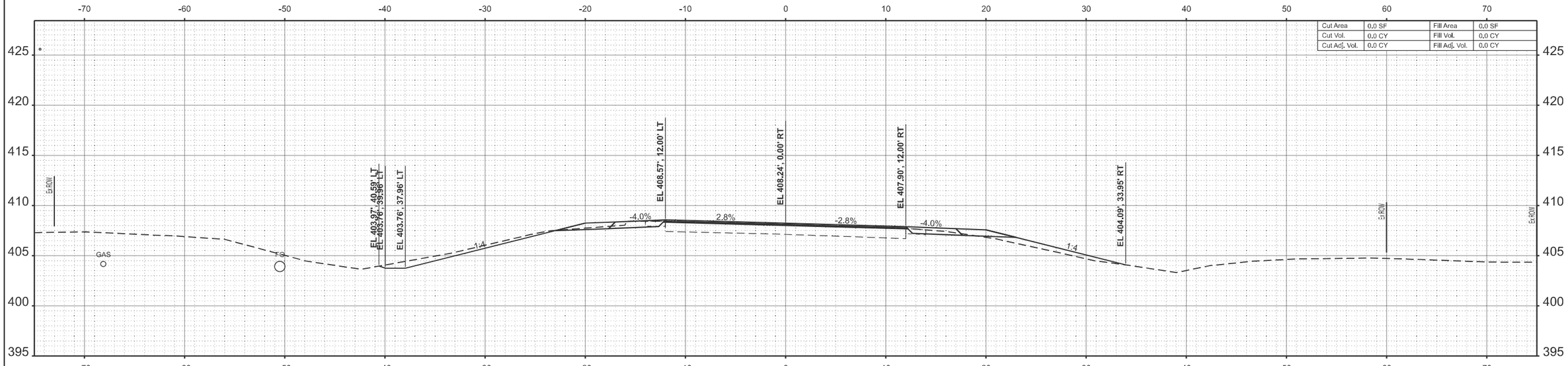
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 113 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	190
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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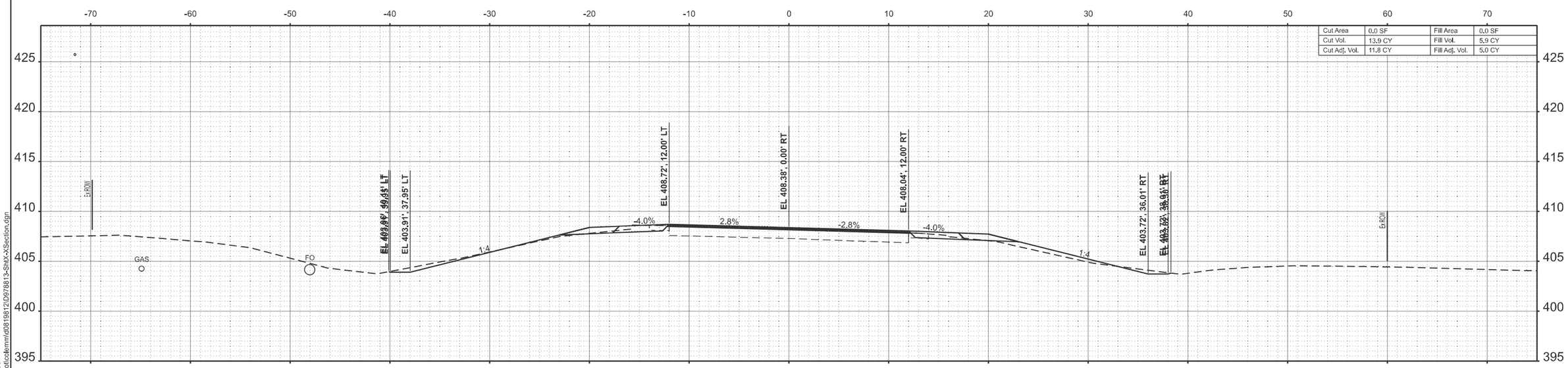

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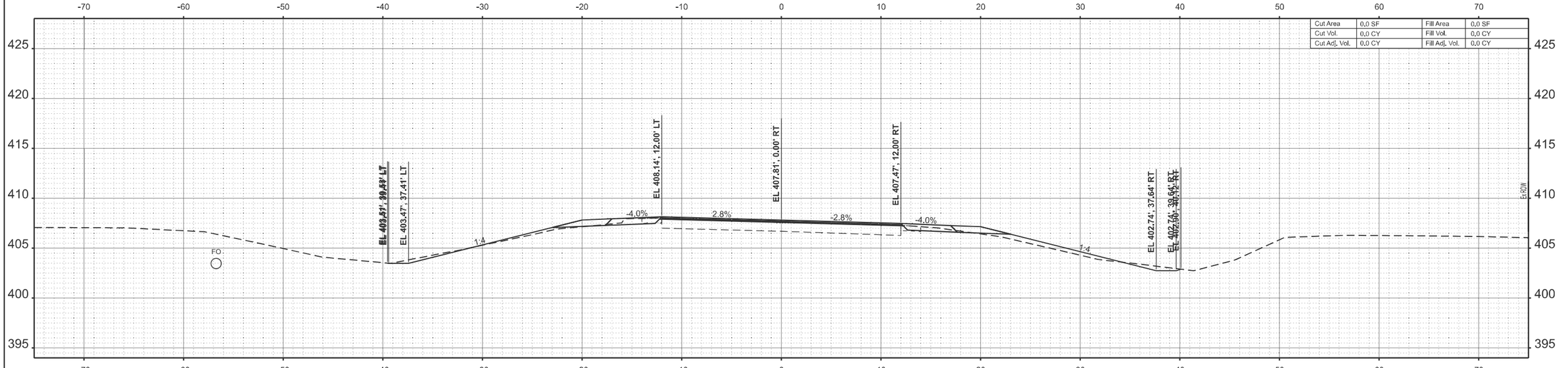
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 114 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	191
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	



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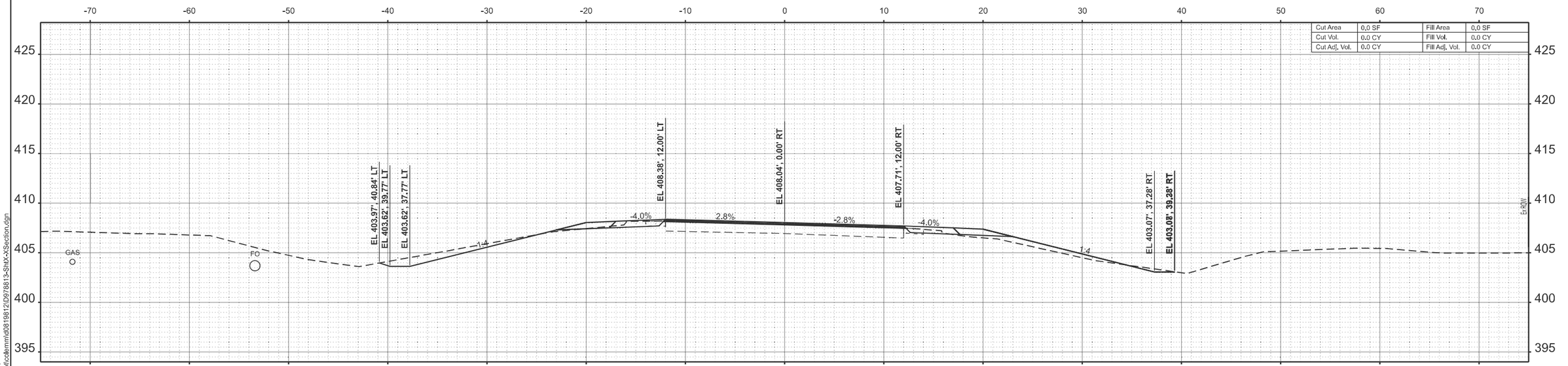

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PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: | SHEET 115 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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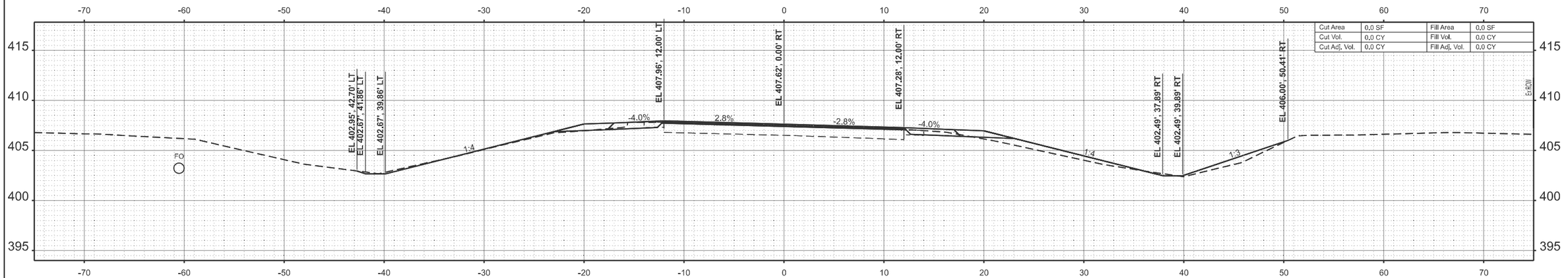
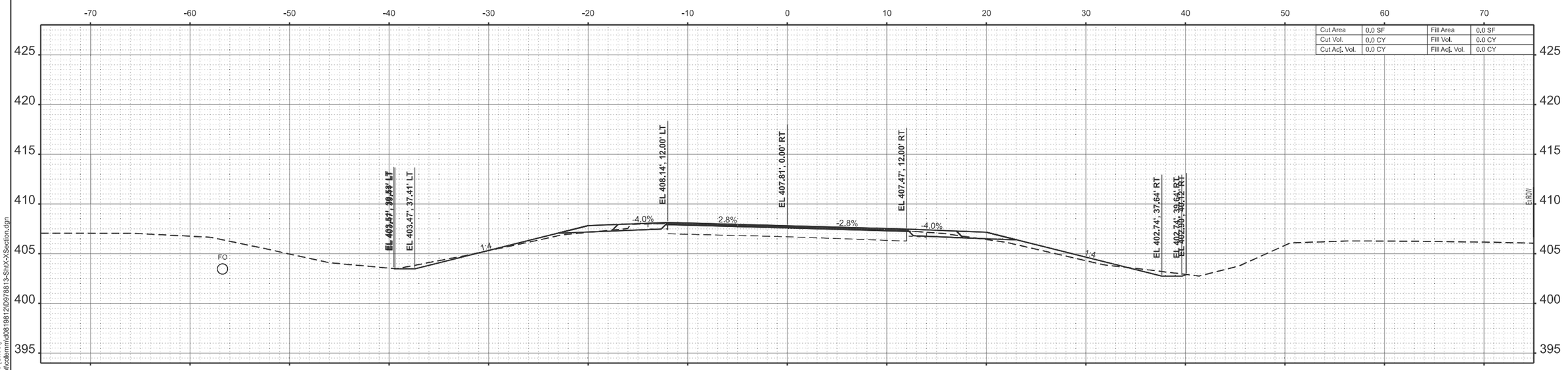
		CONTRACT NO. 78813		
		ILLINOIS	FED. AID PROJECT	



STA 83+50.00



STA 83+00.00

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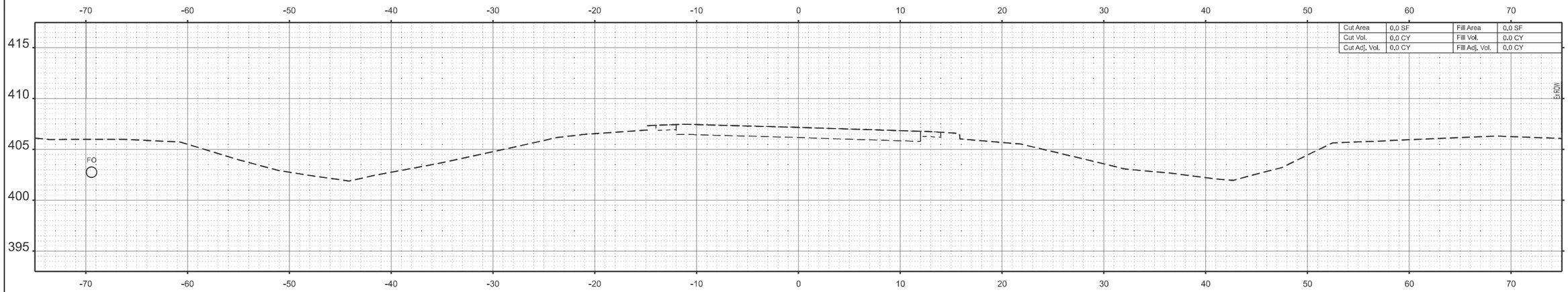
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

SCALE: | SHEET 116 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	193
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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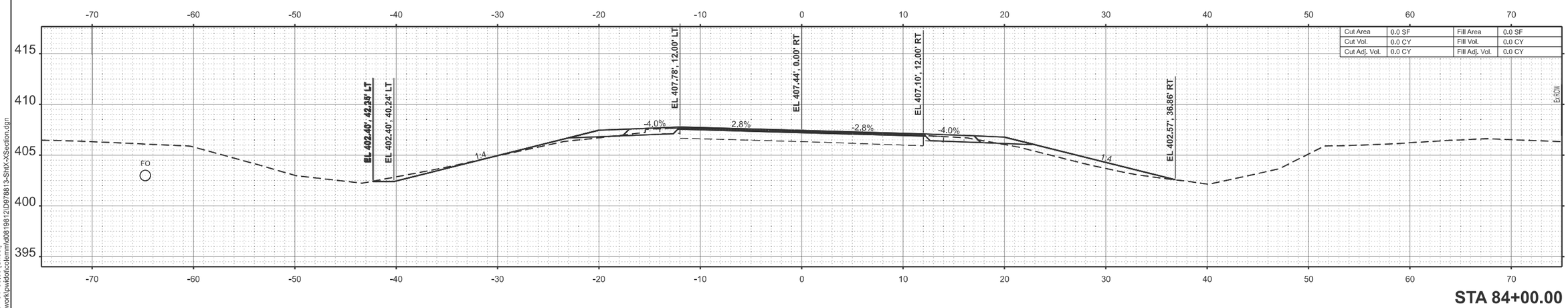

STA 84+00.00

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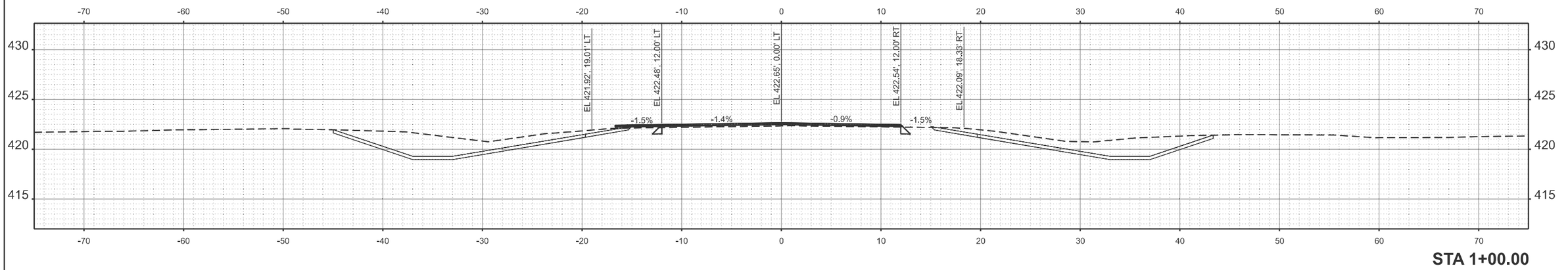
USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

SCALE: SHEET 117 OF 124 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	194
		CONTRACT NO. 78813		
		ILLINOIS FED. AID PROJECT		



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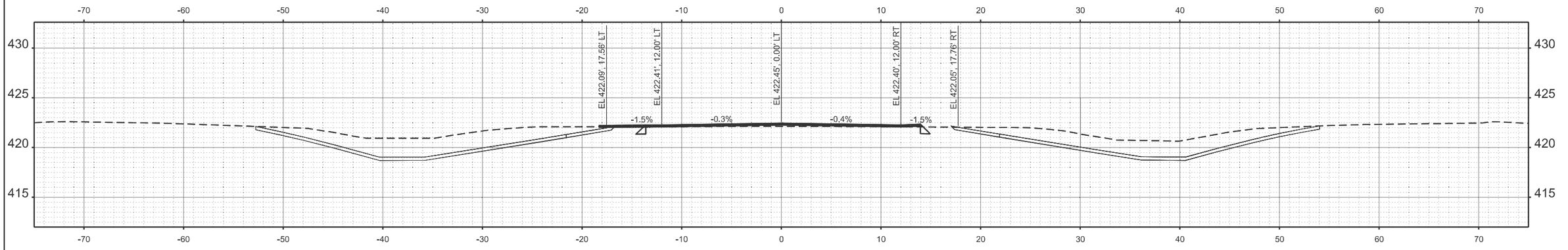

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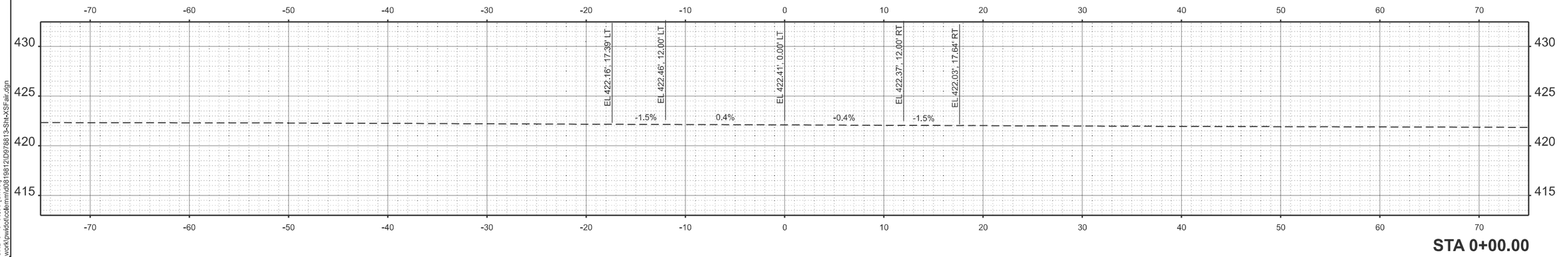

STA 0+00.00

MODEL: FAIRGROUND-3 - 0+00.00 [Sheet]
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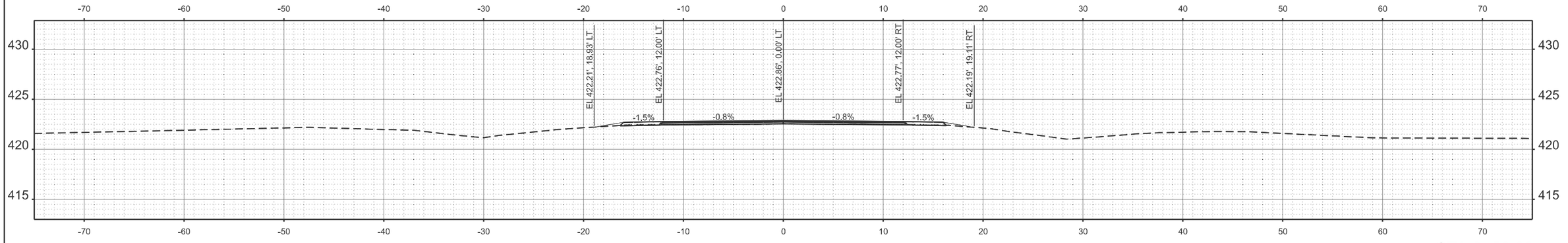
USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=5' | SHEET 118 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	195
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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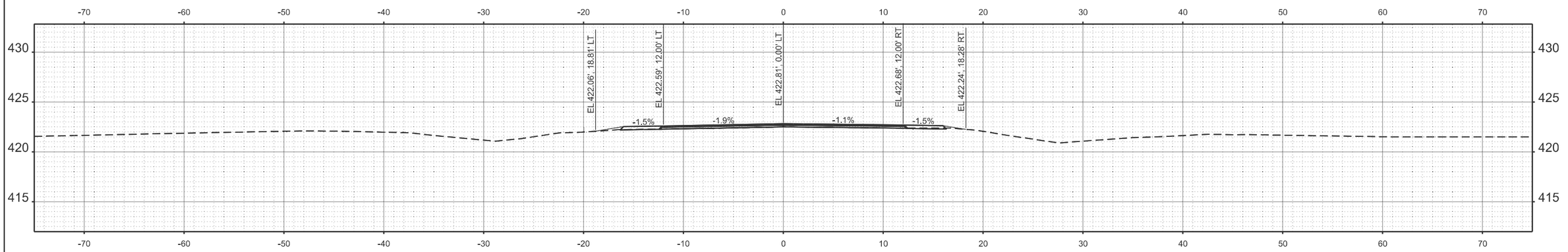

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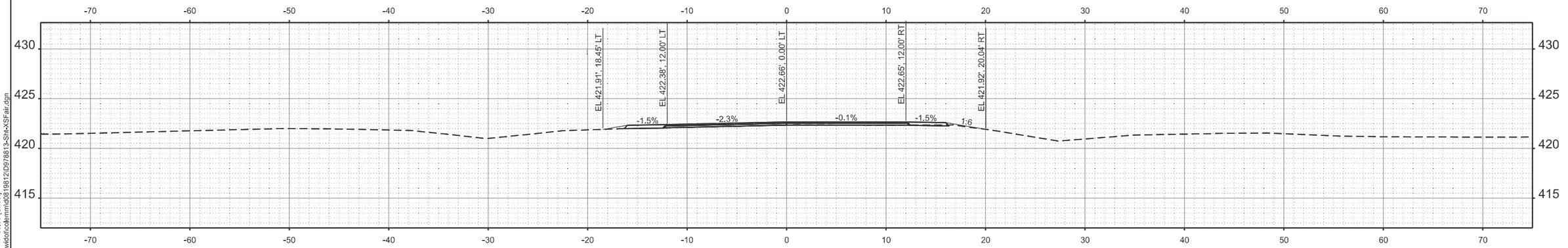

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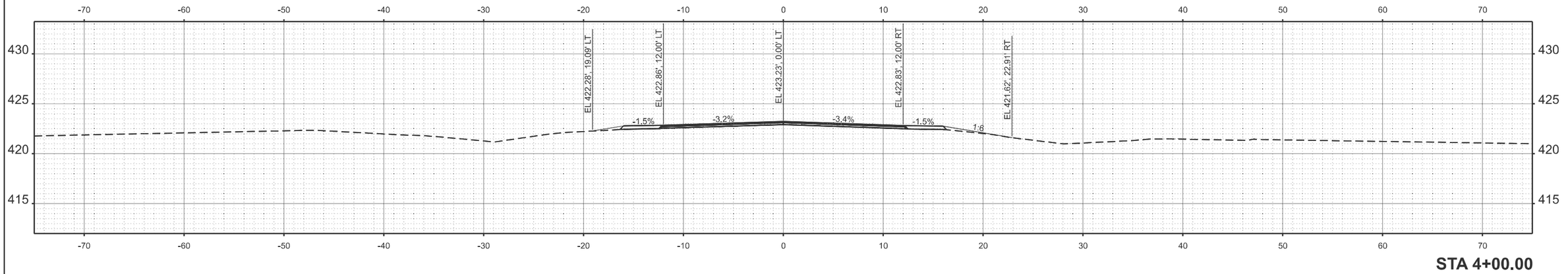
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

CROSS SECTIONS

SCALE: 1"=5' | SHEET 119 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	196
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



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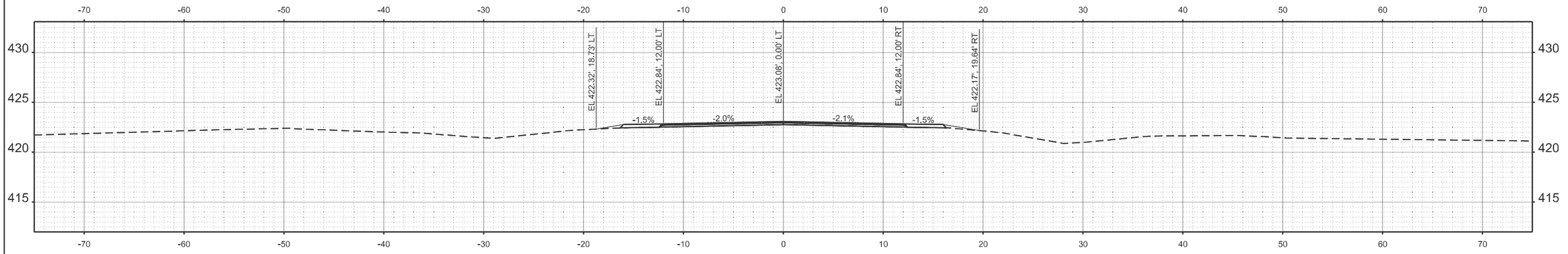

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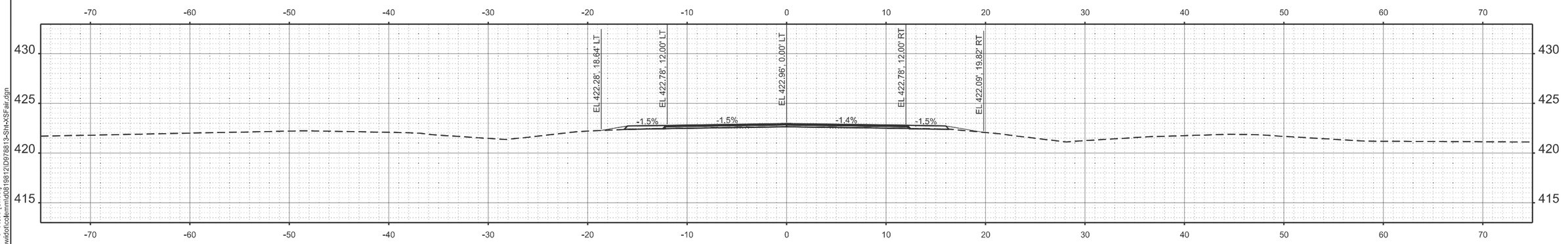

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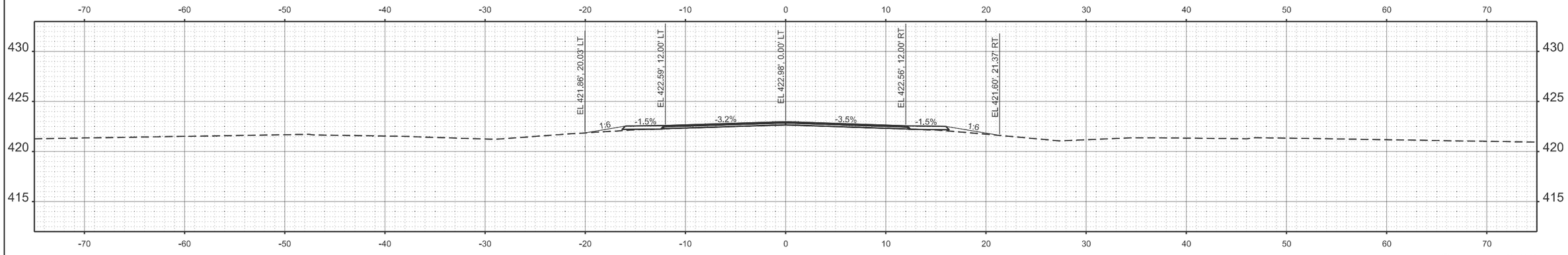
USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=5' | SHEET 120 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	197
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			



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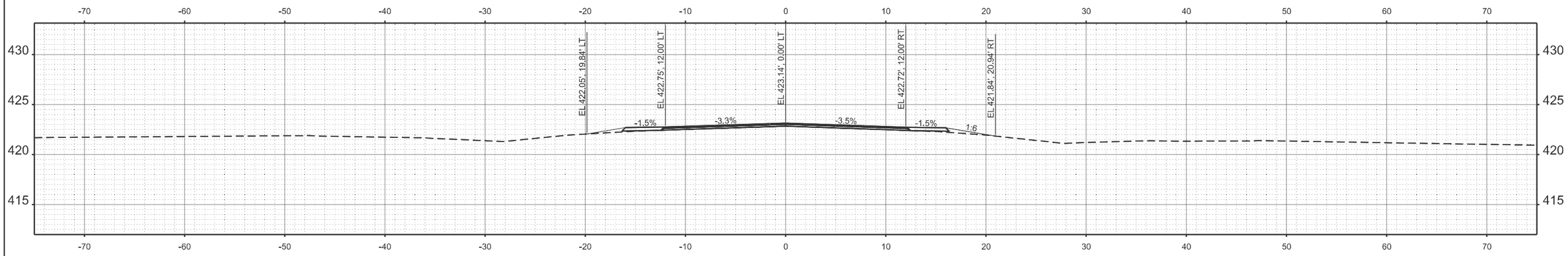

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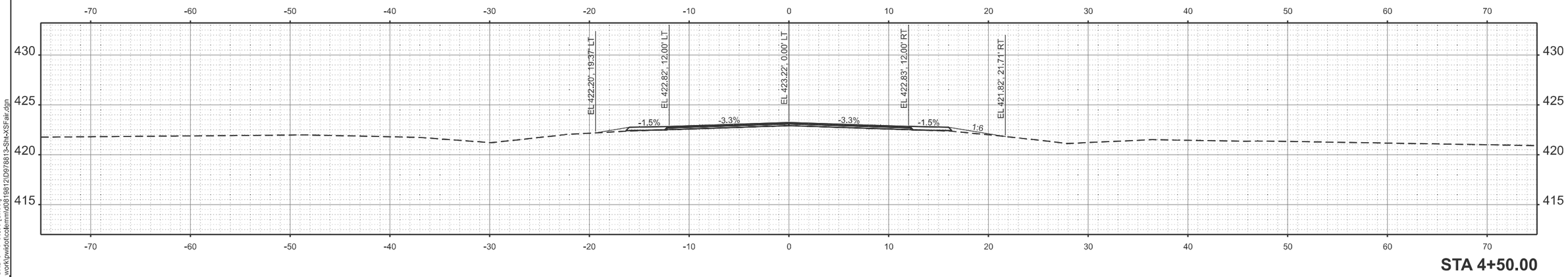

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MODEL: FAIRGROUND-3 - 4+50.00 [Sheet]
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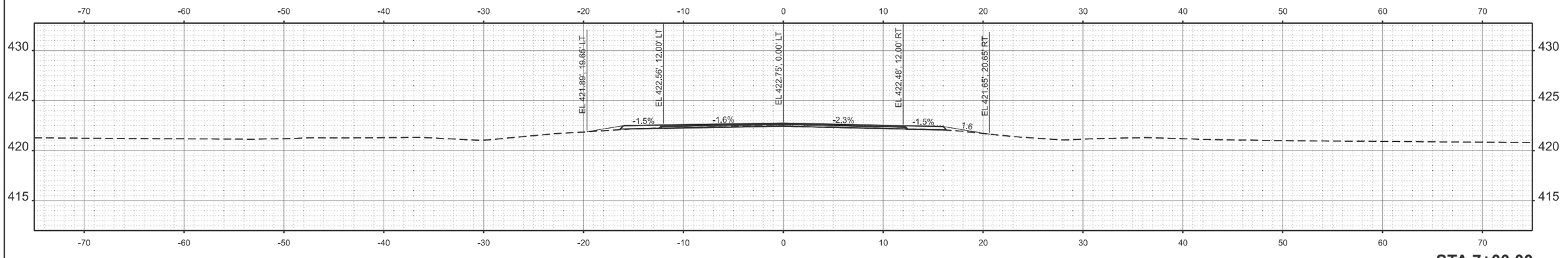
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

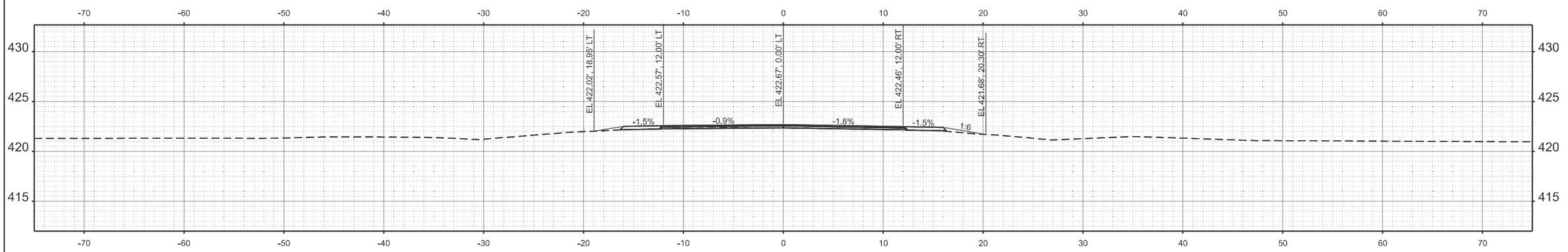
CROSS SECTIONS

SCALE: 1"=5' | SHEET 121 OF 124 SHEETS | STA. | TO STA.

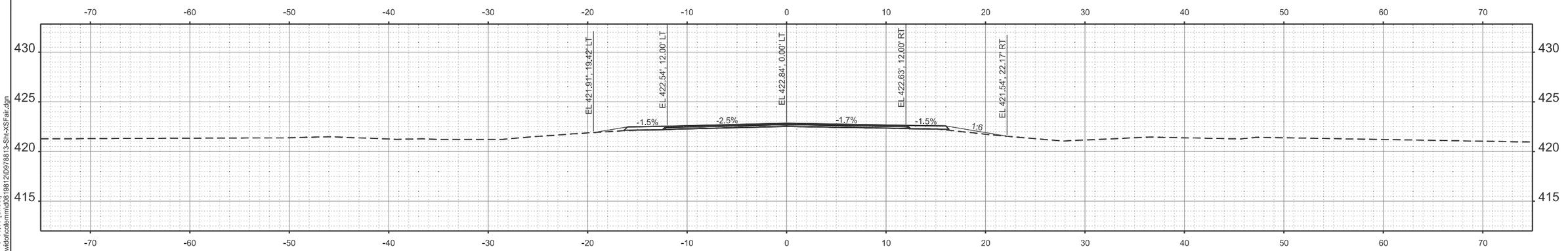
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	198
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 7+00.00



STA 6+50.00



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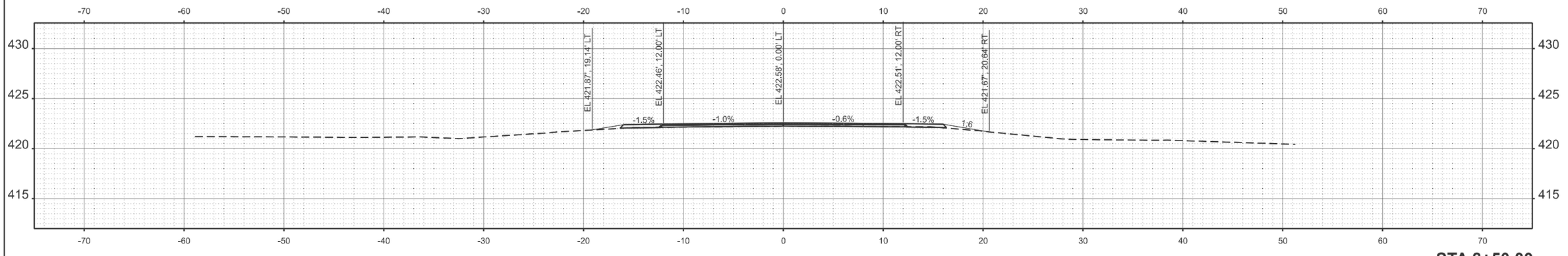
MODEL: FAIRGROUND-3 - 6+00.00 [Sheet]
FILE NAME: c:\pw_work\pwidot\colemmid\d0819812\D978813-Sht-XSFair.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

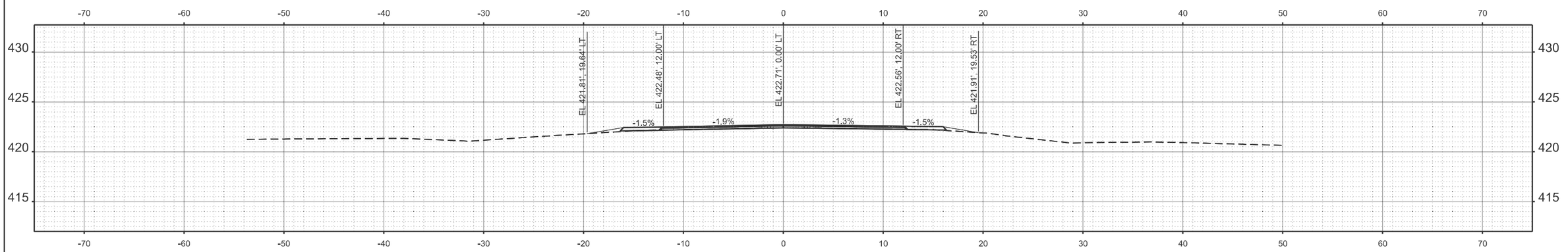
CROSS SECTIONS

SCALE: 1"=5' | SHEET 122 OF 124 SHEETS | STA. | TO STA.

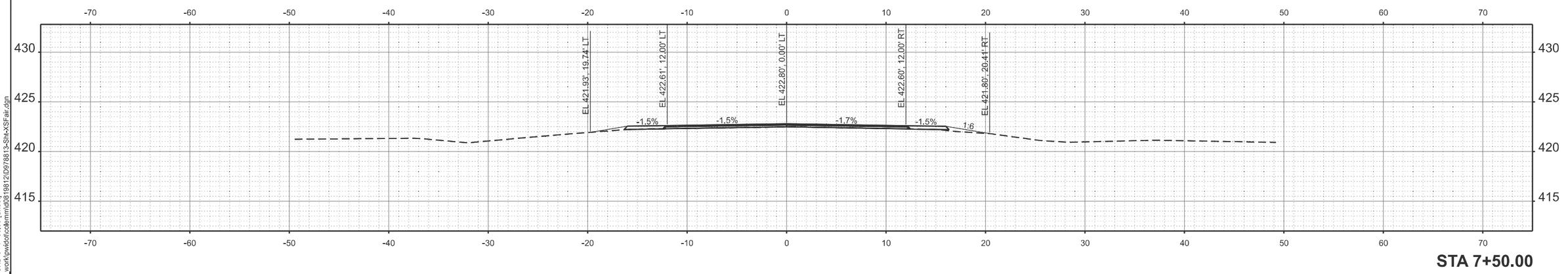
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	199
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 8+50.00



STA 8+00.00



STA 7+50.00

MODEL: FAIRGROUND-3 - 7+50.00 [Sheet]
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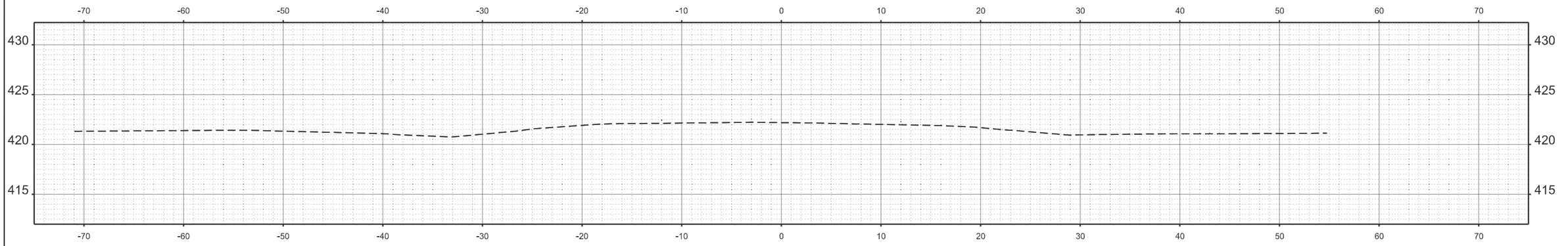
USER NAME = melissa.cole	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/30/2025	DATE -	REVISED -	

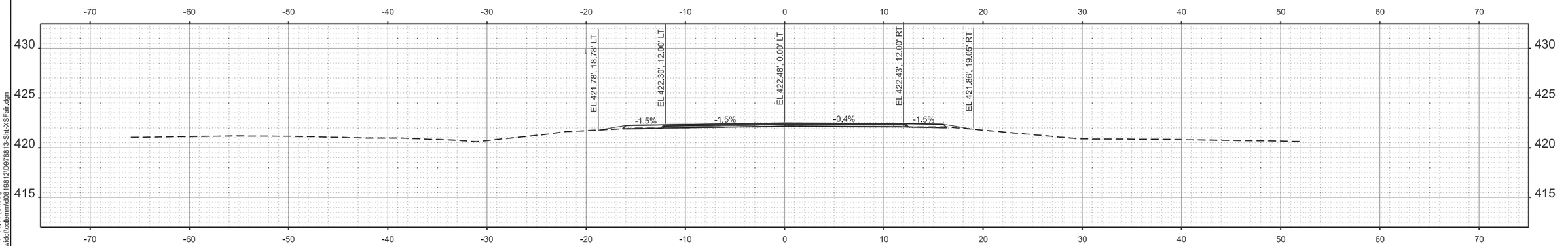
CROSS SECTIONS

SCALE: 1"=5' | SHEET 123 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	200
		CONTRACT NO. 78813		
	ILLINOIS	FED. AID PROJECT		



STA 9+50.00



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MODEL: FAIRGROUND-3 - 9+00.00 [Sheet]
FILE NAME: c:\pw_work\pwdot\colemmd\d0819812\D978813-Sht-XSFair.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=5' | SHEET 124 OF 124 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1,1-1(RS-5)	PERRY	201	201
		CONTRACT NO. 78813		
	ILLINOIS FED. AID PROJECT			