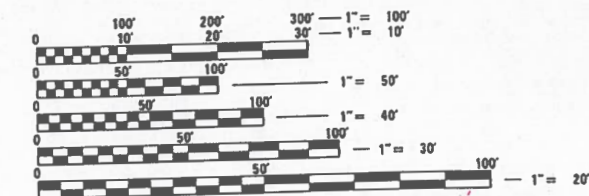


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- 1 COVER SHEET
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- 9-11 REMOVAL PLAN
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IDOT HIGHWAY STANDARDS

- | | |
|-----------|--|
| 000001-09 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 442201-04 | CLASS C AND D PATCHES |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 606101-05 | TYPE A GUTTER INLET OUTLET AND ENTRANCE |
| 701006-05 | OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY |
| 701501-06 | URBAN LANE CLOSURE, 2L SW, UNDIVIDED |
| 701901-11 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS & DELINEATORS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 729001-01 | APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| BLR 22-7 | TYPICAL APP OF TRAFFIC CONTROL DEVICES FOR CONST ON RURAL LOCAL HIGHWAYS |



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 EXCAVATORS
1-800-892-0123
OR 811



PLANS PREPARED BY:
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
Illinois Professional Design Firm
No. 184-001220
License Expires: 4/30/2027
ILLINOIS - MISSOURI - TENNESSEE

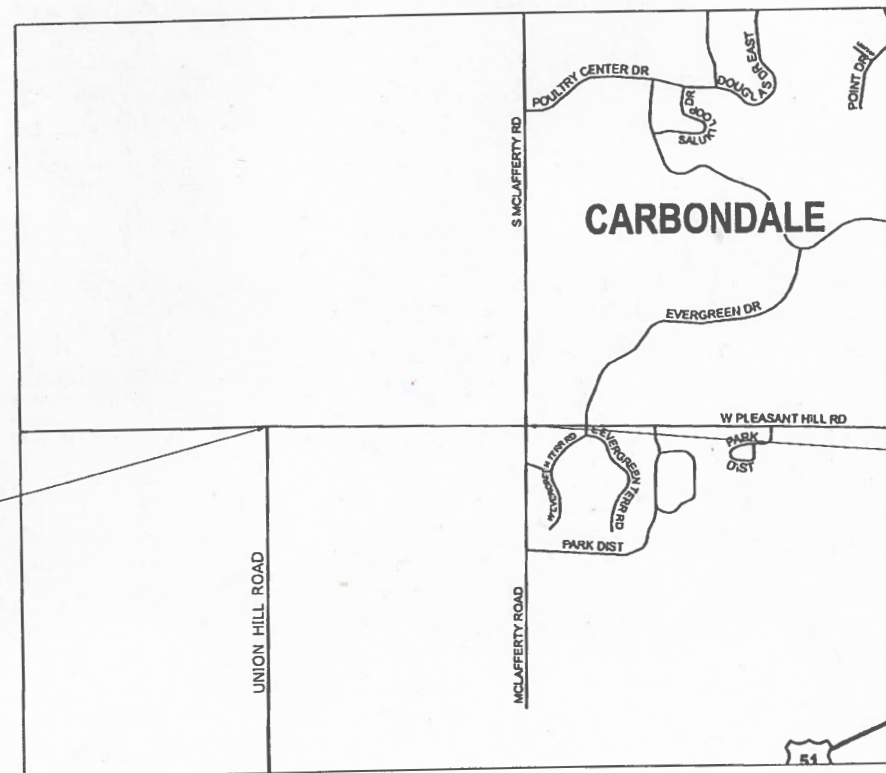
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

MUN ROUTE 0309 (PLEASANT HILL ROAD)
SECTION 22-00149-00-PV
PROJECT NO.: D4VE(713)
JOB NO.: C-99-002-26
RECONSTRUCTION
CITY OF CARBONDALE
JACKSON COUNTY
R1W

T9S

W PLEASANT HILL ROAD
BEGIN IMPROVEMENTS
STA. 100+44.76
LAT. 37°42'03.85" N
LONG. 89°14'50.53" W



W PLEASANT HILL ROAD
END IMPROVEMENTS
STA. 128+94.65
LAT. 37°42'03.12" N
LONG. 89°14'15.38" W

GROSS LENGTH = 2849.89 FT. = 0.540 MILE
NET LENGTH = 2849.89 FT. = 0.540 MILE



Kevin M. Ostermiller, P.E.
LICENSE NO. 062-066764
EXPIRATION DATE 8-15-2025
11-30-2025

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	1
REL. POS.			CONTRACT NO. 99718	



CITY OF CARBONDALE
STATE OF ILLINOIS

APPROVED 19 August 20 25
Carolyn Harvey
MAYOR, CITY OF CARBONDALE

PASSED 11-5 20 25
District 9 Engineer
LOCAL ROADS & STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW 11-5 20 25
Region Five Engineer

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	33
20200100	EARTH EXCAVATION	CU YD	2090
25000110	SEEDING, CLASS 1A	ACRE	1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	100
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	100
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	100
25100115	MULCH, METHOD 2	ACRE	1
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	220
28000305	TEMPORARY DITCH CHECKS	FOOT	36
28000400	PERIMETER EROSION BARRIER	FOOT	985
28000500	INLET AND PIPE PROTECTION	EACH	7
28100105	STONE RIPRAP, CLASS A3	SQ YD	76
28100107	STONE RIPRAP, CLASS A4	SQ YD	108
28200200	FILTER FABRIC	SQ YD	184
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1610

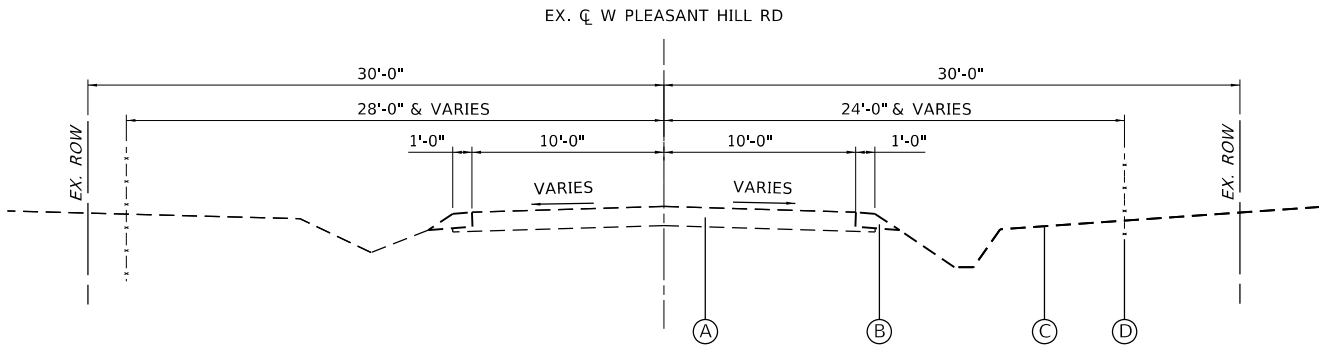
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	1227
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4988
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2848
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	637
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	35
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	143
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	108
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	4869
50105220	PIPE CULVERT REMOVAL	FOOT	284
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	4
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	48
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	104

* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	176
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	96
56109210	WATER VALVES TO BE ADJUSTED	EACH	1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	39
60602500	CONCRETE GUTTER, TYPE A	FOOT	3088
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	4
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5554
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5412
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	65
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	74
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
X1700066	POTHOLING	EACH	50

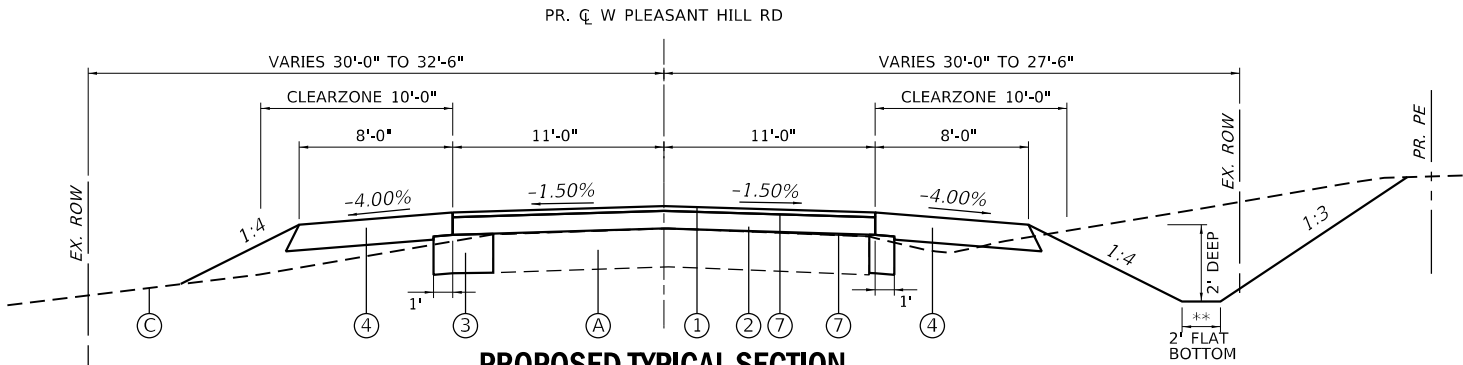
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* SPECIALTY ITEM



EXISTING TYPICAL SECTION

STA. 100+44.76 TO 128+94.65



PROPOSED TYPICAL SECTION

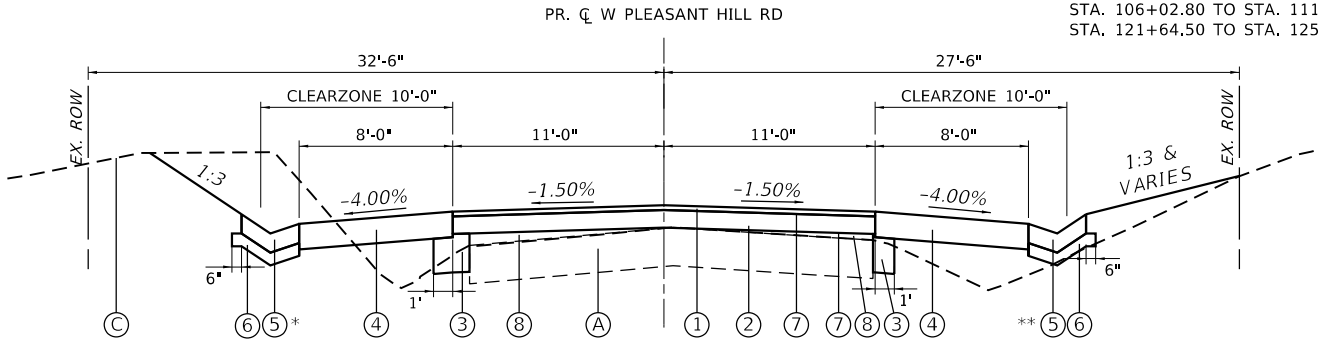
STA. 100+44.76 TO 102+50.00

** 2' FLAT BOTTOM DITCH LIMITS:

STA. 100+44.76 TO 101+00.00
STA. 105+37.20 TO 106+02.80

** CONCRETE GUTTER, TYPE A LIMITS:

STA. 102+00.00 TO STA. 105+37.20
STA. 106+02.80 TO STA. 111+00.00
STA. 121+64.50 TO STA. 125+93.75

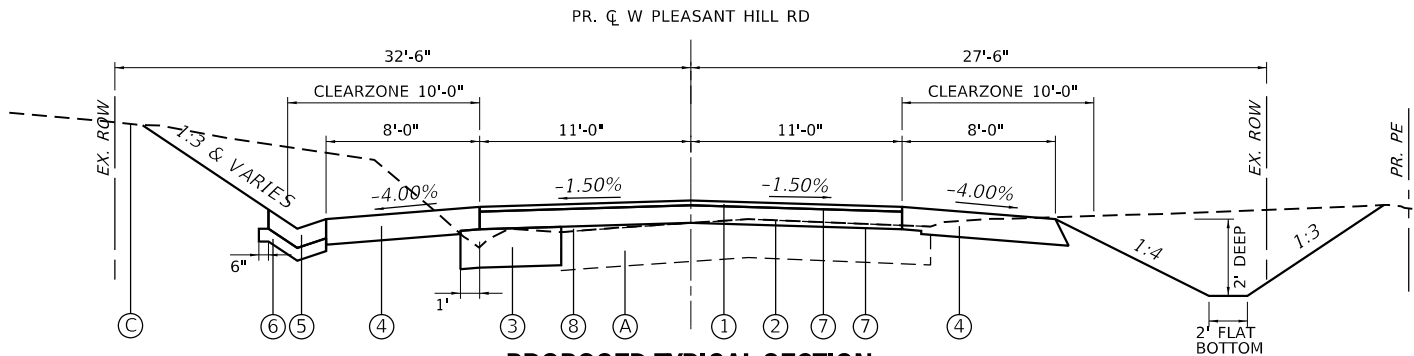


PROPOSED TYPICAL SECTION

* 2' FLAT BOTTOM DITCH LIMITS:

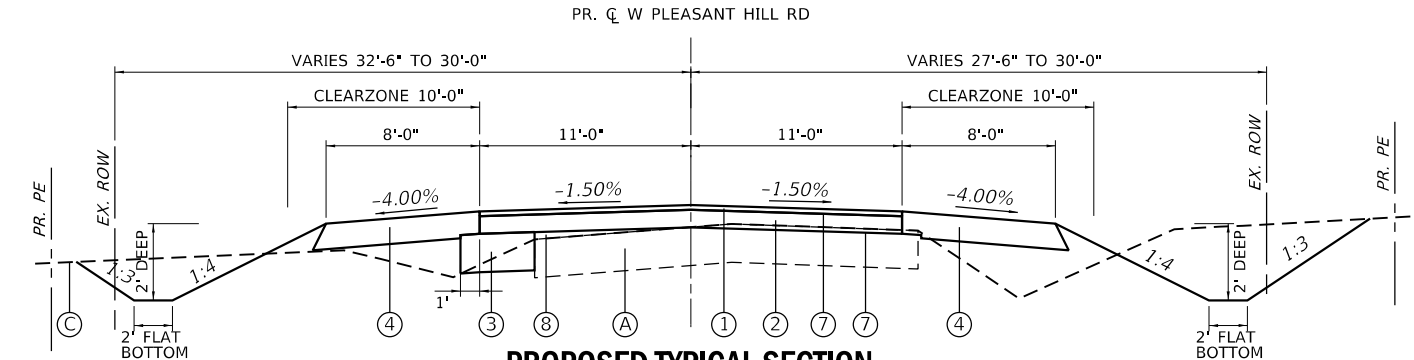
STA. 105+37.20 TO 105+77.80
STA. 121+64.50 TO 122+11.60

STA. 102+50.00 TO 111+00.00
STA. 121+64.50 TO 125+93.75



PROPOSED TYPICAL SECTION

STA. 111+00.00 TO 121+58.10



PROPOSED TYPICAL SECTION

STA. 121+58.10 TO 121+64.50
STA. 125+93.75 TO 128+94.65

LEGEND

- (A) EXISTING ROADWAY SURFACE
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING GROUND
- (D) EXISTING FENCE
- (1) PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 1.5"
- (2) PROPOSED HMA BINDER COURSE, IL-19.0, N70 5.5"
- (3) PROPOSED AGG. BASE COURSE, TYPE A, 12"
- (4) PROPOSED HMA SHOULDERS, 8"
- (5) PROPOSED CONCRETE GUTTER, TYPE A
- (6) PROPOSED AGG. BASE COURSE, TYPE A, 4"
- (7) PROPOSED BITUMINOUS MATERIALS TACK COAT
- (8) PROPOSED HMA BINDER COURSE, IL-19.0, N70, VAR. DEPTH

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184-001220

USER NAME	= kostermiller
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PLOT DATE	= 8/14/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

TYPICAL SECTIONS
PLEASANT HILL ROAD

SCALE: NTS SHEET 1 OF 1 SHEETS STA. 100+44.76 TO STA. 128+94.65

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	5
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE								
LOCATION			SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE	POUND
W PLEASANT HILL RD								
100+50.00	TO	128+00.00	1.12	100.5	100.5	100.5	1.12	223
TOTAL:			1.12	100.53	100.53	100.53	1.12	223.40
PAY TOTAL:			1	100	100	100	1	220

GUTTER SCHEDULE						
LOCATION				CONCRETE GUTTER, TYPE A	CLASS SI CONCRETE (OUTLET)	AGGREGATE BASE COURSE, TYPE A, 4 INCH *
STATION	TO	STATION		FOOT	CU YD	SQ YD
W PLEASANT HILL RD						
102+00.00	TO	104+90.00	RT	290.0		112.8
102+50.00	TO	104+90.00	LT	240.0		93.3
104+90.00	TO	105+37.19	LT		4.3	25.6
104+90.00	TO	105+37.19	RT		4.3	25.6
105+77.81	TO	106+25.00	LT		4.3	25.6
106+02.81	TO	106+50.00	RT		4.3	25.6
106+25.00	TO	121+10.93	LT	1485.9		577.9
106+50.00	TO	111+00.00	RT	450.0		175.0
121+10.93	TO	121+58.12	LT		4.3	25.6
121+64.47	TO	122+11.66	RT		4.3	25.6
122+11.66	TO	125+46.55	RT	334.9		130.2
122+11.66	TO	122+58.85	LT		4.3	25.6
122+58.85	TO	125+46.55	LT	287.7		111.9
125+46.55	TO	125+93.74	LT		4.3	25.6
125+46.55	TO	125+93.74	RT		4.3	25.6
TOTAL:				3088	39	1432

* SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

RIPRAP SCHEDULE					
LOCATION			STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC
STATION			SQ YD	SQ YD	SQ YD
W PLEASANT HILL RD					
105+42.86	30.89	LT	8.4		8.4
105+55.87	44.86	LT		46.2	46.2
105+69.48	31.74	RT	42.9		42.9
105+70.82	31.06	LT	10.1		10.1
114+90.50	27.38	RT	4.9		4.9
121+60.13	29.42	LT	9.6		9.6
121+79.65	38.35	LT		36.3	36.3
126+52.62	39.85	LT		25.7	25.7
TOTAL:			76	108	184

HOT-MIX ASPHALT PAVING SCHEDULE							
LOCATION			AGGREGATE BASE COURSE, TYPE A, 12"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SHOULDERS, 8"
STATION	TO	STATION	SQ YD	TON	TON	POUND	SQ YD
W PLEASANT HILL RD							
100+44.76	TO	128+94.65	1227.2	2714.0	600.9	4702.3	
100+44.76	TO	128+19.98					2466.9
100+44.76	TO	100+80.46					31.7
101+61.77	TO	128+28.64					2370.6
UNION HILL RD							
100+35.68	TO	100+67.28		51.4	14.0	109.8	
MCLAFFERTY RD							
127+97.03	TO	128+94.65		48.4	13.2	103.4	
128+06.37	TO	128+94.38		33.9	9.3	72.3	
TOTAL:			1227	2848	637	4988	4869

SIGNAGE SCHEDULE										
LOCATION			DESCRIPTION						SIGN PANEL TYPE 1	ILLUMINATED SIGN, (SPECIAL)
STATION			SIGN			SHAPE	SIZE		SQ FT	EACH
W PLEASANT HILL RD										
128+23.82	34.91	LT	R1-1 STOP (LED EDGE LIT)			Octagon	30	X	30	1
			W4-4P CROSS TRAFFIC DOES NOT STOP			Rectangle	24	X	12	2.00
128+72.29	30.20	RT	R1-1 STOP (LED EDGE LIT)			Octagon	30	X	30	1
			W4-4P CROSS TRAFFIC DOES NOT STOP			Rectangle	24	X	12	2.00
TOTAL:									4	2

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



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	7
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE														
							PRECAST REINFORCED CONCRETE FLARED END SECTIONS				PIPE CULVERTS, CLASS A, TYPE 1			
							12 INCH	24 INCH	30 INCH	42 INCH	12 INCH	24 INCH	30 INCH	42 INCH
STATION			TO	STATION			EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT
W PLEASANT HILL RD														
105+52.96	31.79	LT								1				48.0
105+54.60	32.52	RT								1				
105+59.45	31.95	LT								1				48.0
105+61.09	32.35	RT								1				
114+25.00	28.97	RT					1				47.9			
114+85.00	28.97	RT					1							
120+87.30	27.19	RT							1				88	
121+69.71	29.88	LT							1					
120+94.40	28.36	RT							1				88	
121+76.81	28.71	LT							1					
126+20.97	29.02	RT						1				51.9		
126+48.36	28.94	LT						1						
126+25.14	29.55	RT						1				51.9		
126+52.54	28.42	LT						1						
TOTAL:							2	4	4	4	48	104	176	96

PAVEMENT MARKING SCHEDULE								
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	THERMOPLASTIC PAVEMENT MARKING		
						LINE 4"	LINE 6"	LINE 24"
						YELLOW	WHITE	WHITE
STATION	TO	STATION	LOCATION	TYPE	SQ FT	FOOT	FOOT	FOOT
W PLEASANT HILL RD								
100+44.76	TO	128+22.05	CENTERLINE	DOUBLE YELLOW		5553.7		
100+44.76	TO	128+22.05	SHOULDER LT	SOLID WHITE			2777.3	
101+24.06	TO	101+51.33	STOP BAR	SOLID WHITE	45.8			27.4
101+87.84	TO	128+22.05	SHOULDER RT	SOLID WHITE			2634.7	
128+31.73	TO	128+52.45	STOP BAR	SOLID WHITE	28.0			20.7
128+51.45	TO	128+68.50	STOP BAR	SOLID WHITE				17.1
TOTAL:					74	5554	5412	65

MISCELLANEOUS SCHEDULE						
LOCATION			RELOCATE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN, SPECIAL	WATER VALVES TO BE ADJUSTED	
STATION			EACH	EACH	EACH	
W PLEASANT HILL RD						
101+95.64	21.40	RT			1	
103+88.43	27.34	LT		1		
114+33.56	33.01	RT		1		
115+04.05	28.04	RT	1			
120+60.33	17.69	RT	1			
TOTAL:			2	2	1	

FENCE SCHEDULE				
LOCATION				WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED
STATION				FOOT
W PLEASANT HILL RD				
106+26.06	TO	110+95.13	RT	470
112+31.37	TO	114+45.89	RT	246
114+70.40	TO	127+96.50	RT	1339
121+00.00	TO	121+53.64	LT	64
TOTAL:				2119

ENTRANCE SCHEDULE					
LOCATION			PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	AGGREGATE BASE COURSE, TYPE A, 4" *
STATION	LT/RT	TYPE	SQ YD	SQ YD	SQ YD
W PLEASANT HILL RD					
100+88.83	LT	PE	34.7		34.7
106+50.00	LT	FE		26.7	26.7
111+24.13	RT	CE		19.1	19.1
111+90.46	LT	CE		15.7	15.7
114+56.60	LT	FE		17.8	17.8
114+58.11	RT	CE		63.6	63.6
TOTAL:			35	143	178

* SEE GUTTER SCHEDULE FOR ADDITIONAL QUANTITY

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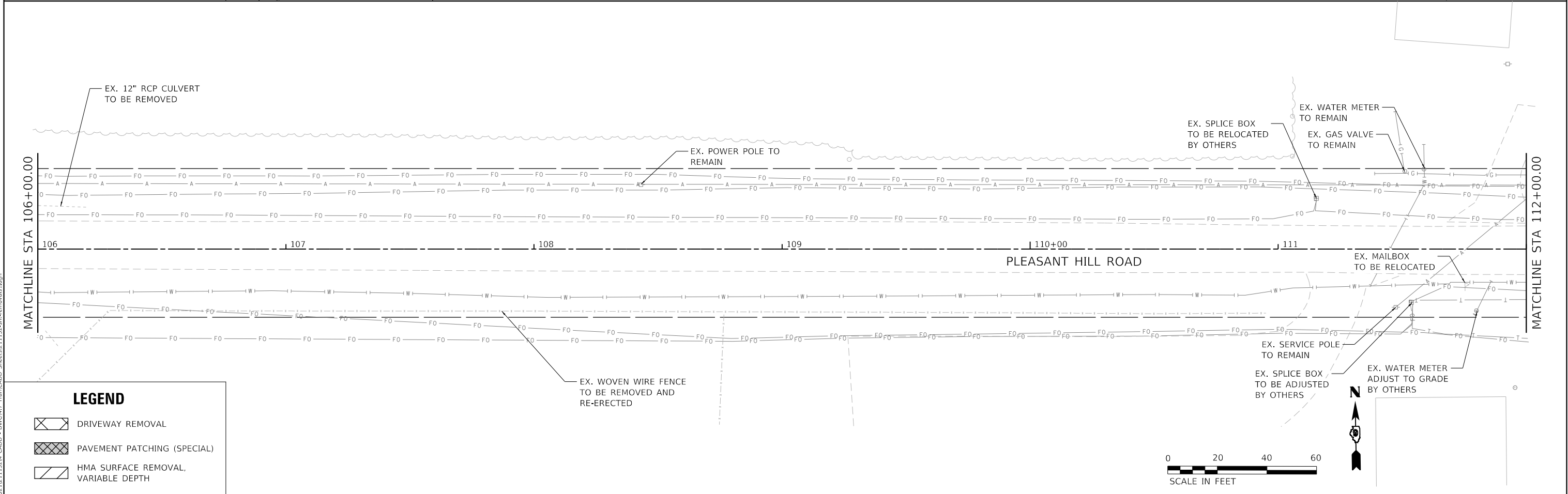
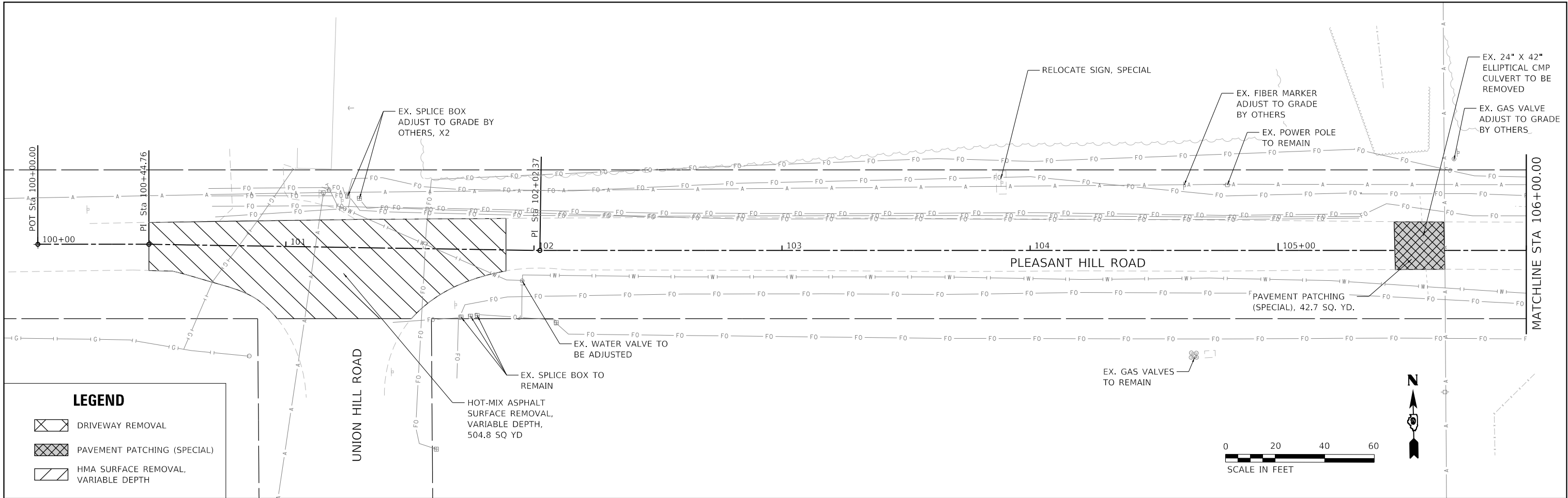


CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	8
CONTRACT NO. 99718				
		ILLINOIS	FED. AID PROJECT	



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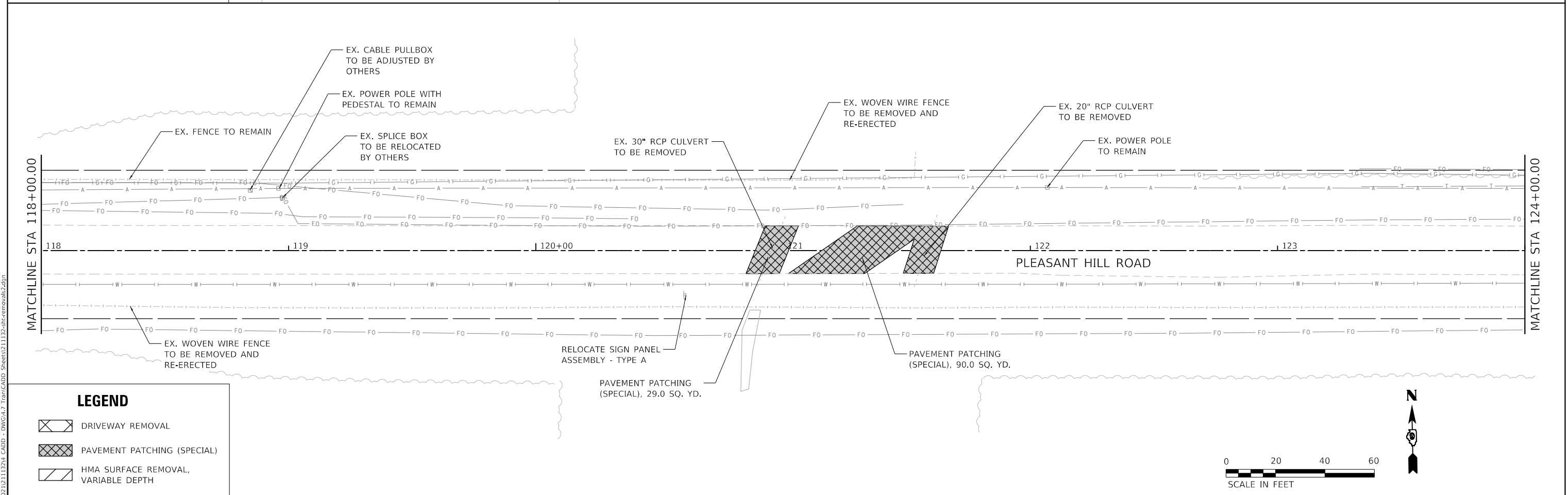
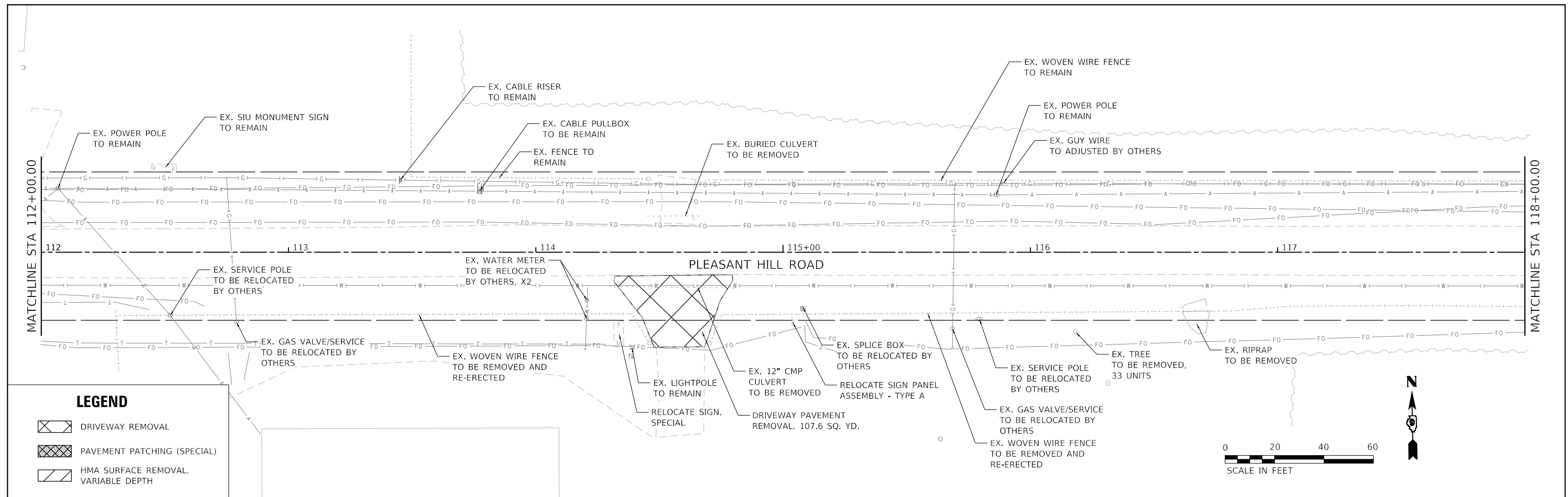


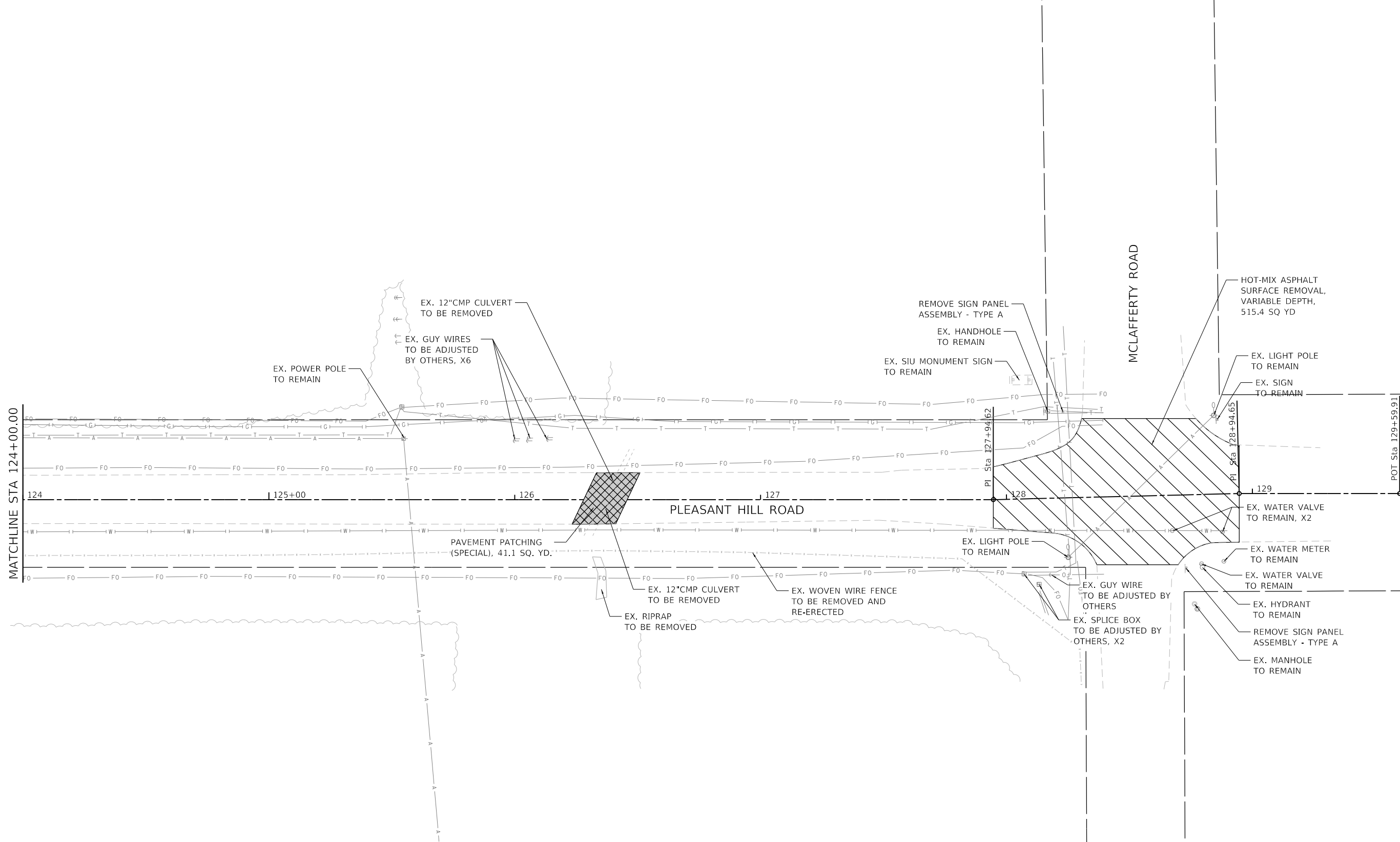
CITY OF CARBONDALE

REMOVAL PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 100+00.00 TO STA. 112+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	9
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				





LEGEND

- DRIVEWAY REMOVAL
- PAVEMENT PATCHING (SPECIAL)
- HMA SURFACE REMOVAL, VARIABLE DEPTH



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PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 8/18/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

REMOVAL PLAN

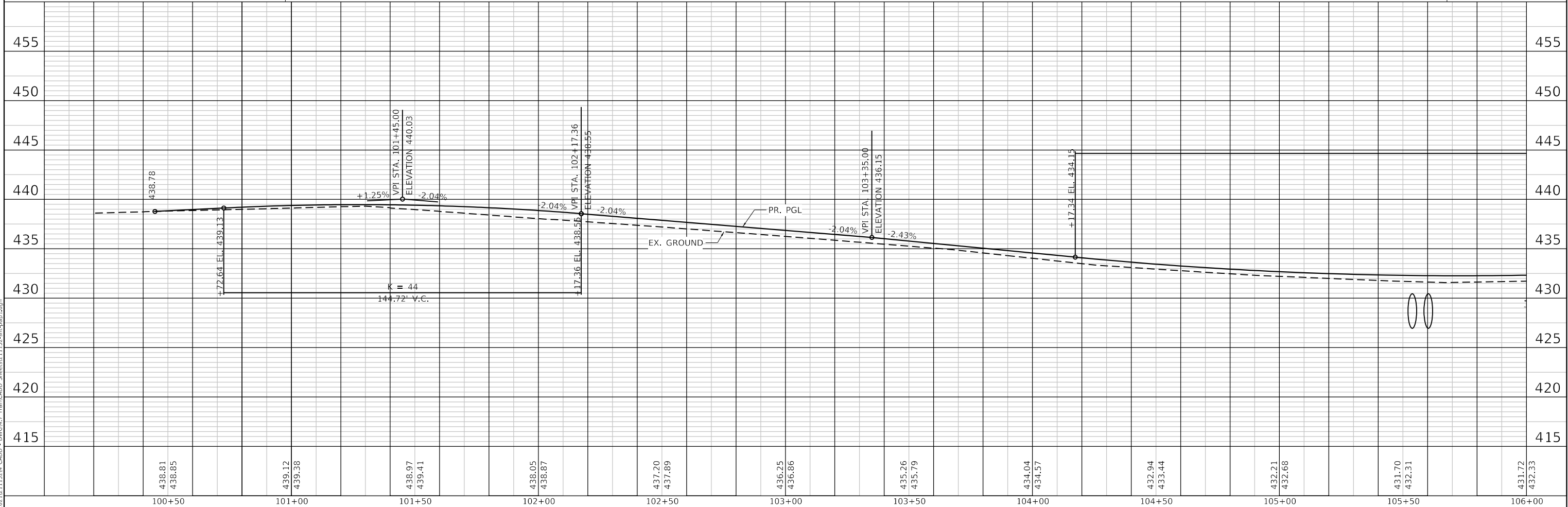
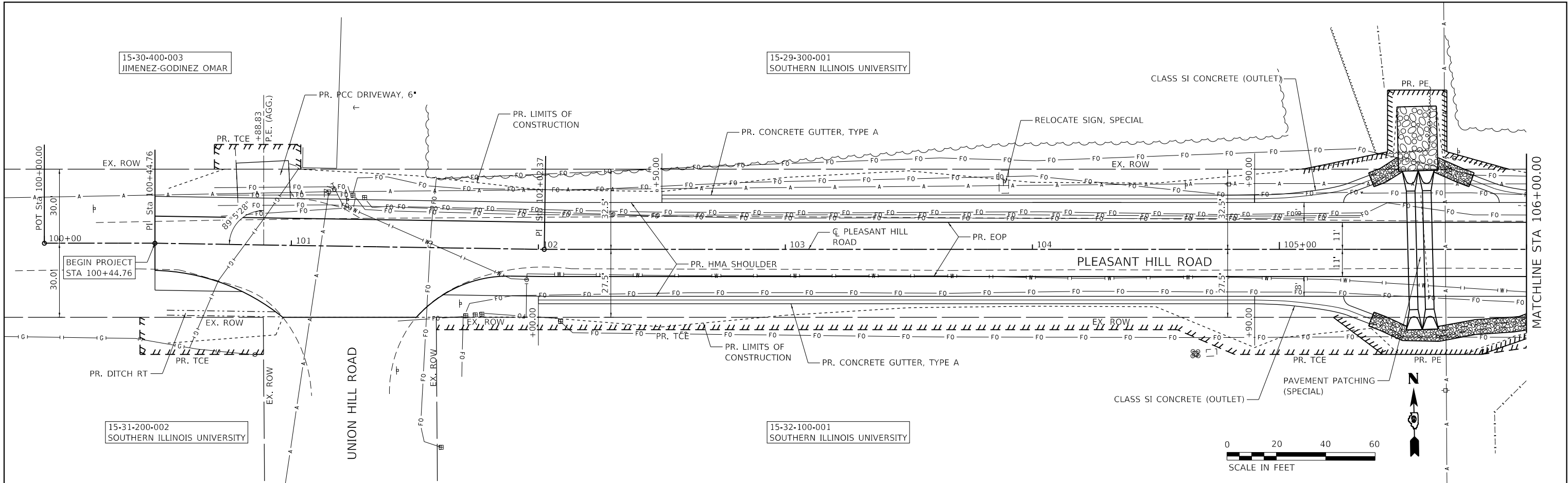
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	11
CONTRACT NO. 99718				
ILLINOIS			FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
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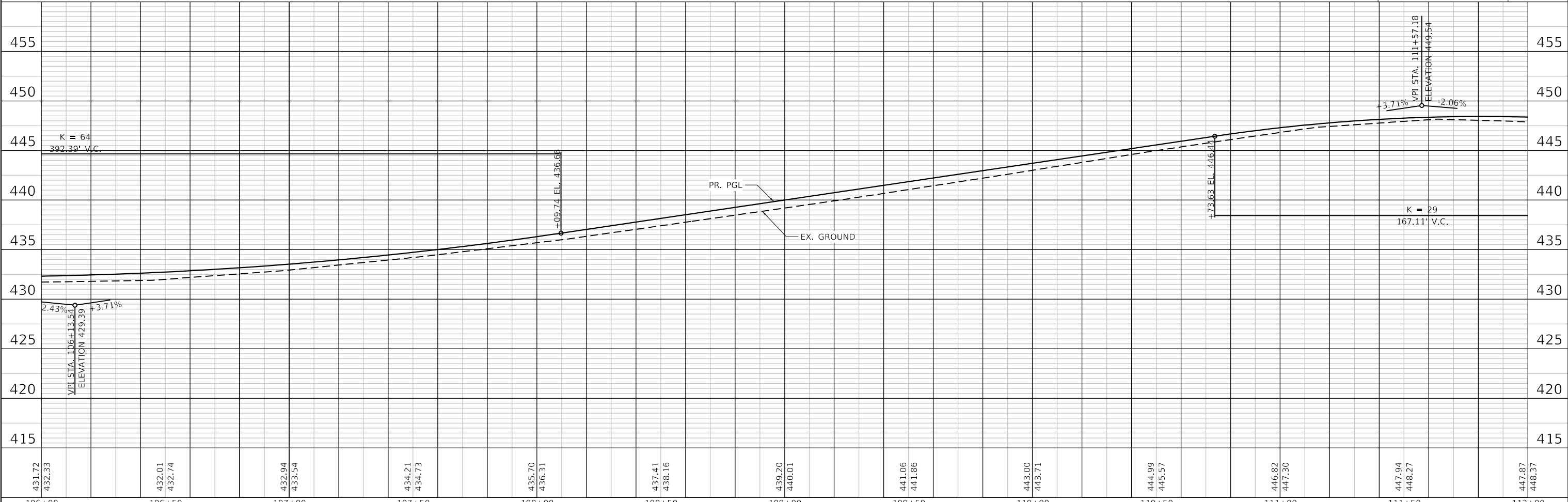
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NO.	PLOTTED		
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DRAWN -				REVISOR -				CHECKED -			
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PLOT DATE = 8/17/2025				DATE -				REVISED -			
TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220				CITY OF CARBONDALE				PLAN AND PROFILE			
MUN. RTE. 0309				SECTION 22-00149-00-PV				COUNTY JACKSON			
TOTAL SHEETS 37				SHEET NO. 12				CONTRACT NO. 99718			
SCALE: 1"=50'				SHEET 1 OF 5 SHEETS				STA. 100+44.76 TO STA. 106+00.00			
ILLINOIS				FED. AID PROJECT							

PROFILE	SURVEYED _____	BY _____	DATE _____
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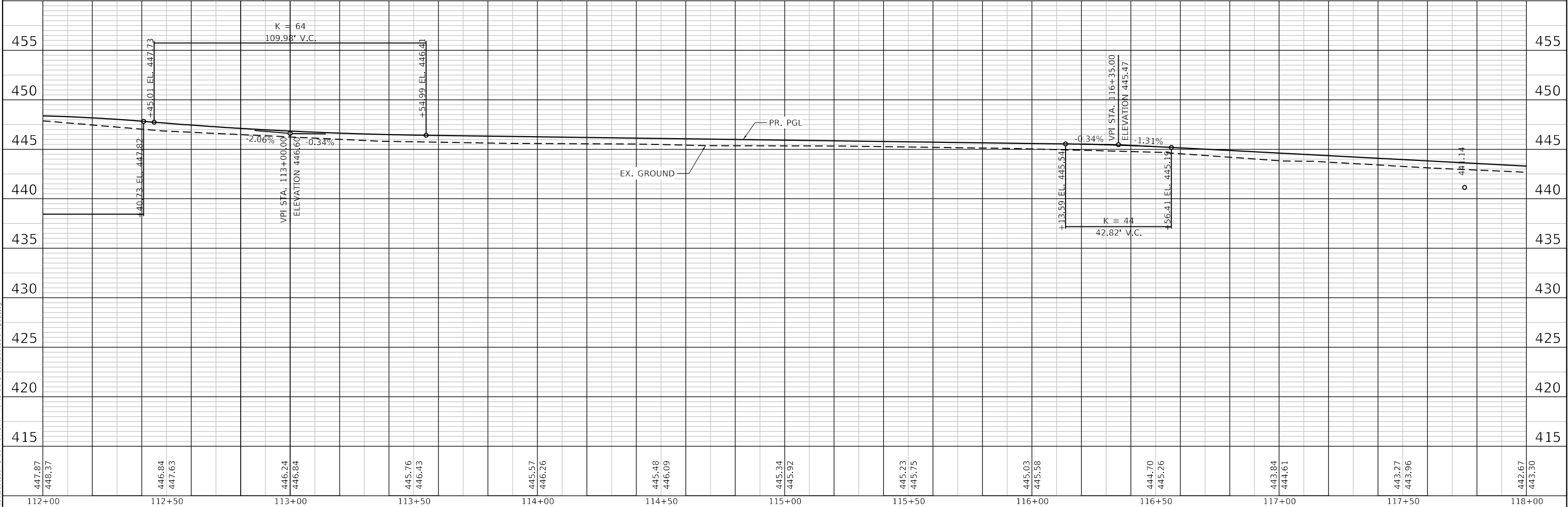
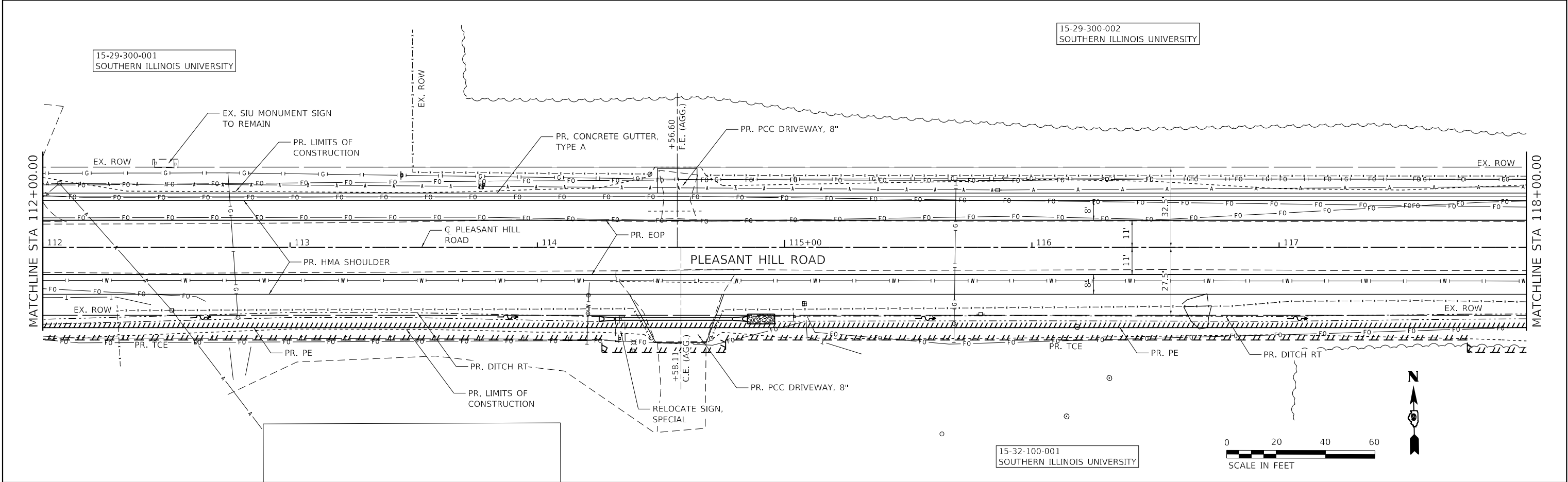


 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED -	REVISED -	 CARBONDALE (IL) Mayor, Mayor	CITY OF CARBONDALE	PLAN AND PROFILE				MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	0309							22-00149-00-PV	JACKSON	37	13	
	PLOT SCALE = 480,000' / ft.	CHECKED -	REVISED -			CONTRACT NO. 99718								
	PLOT DATE = 8/17/2025	DATE	REVISED -											
						SCALE: 1"=50'	SHEET 2	OF 5 SHEETS	STA. 106+00.00	TO STA. 112+00.00				

PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
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	PROPOSED CHANGES		
	CADD FILE NAME		

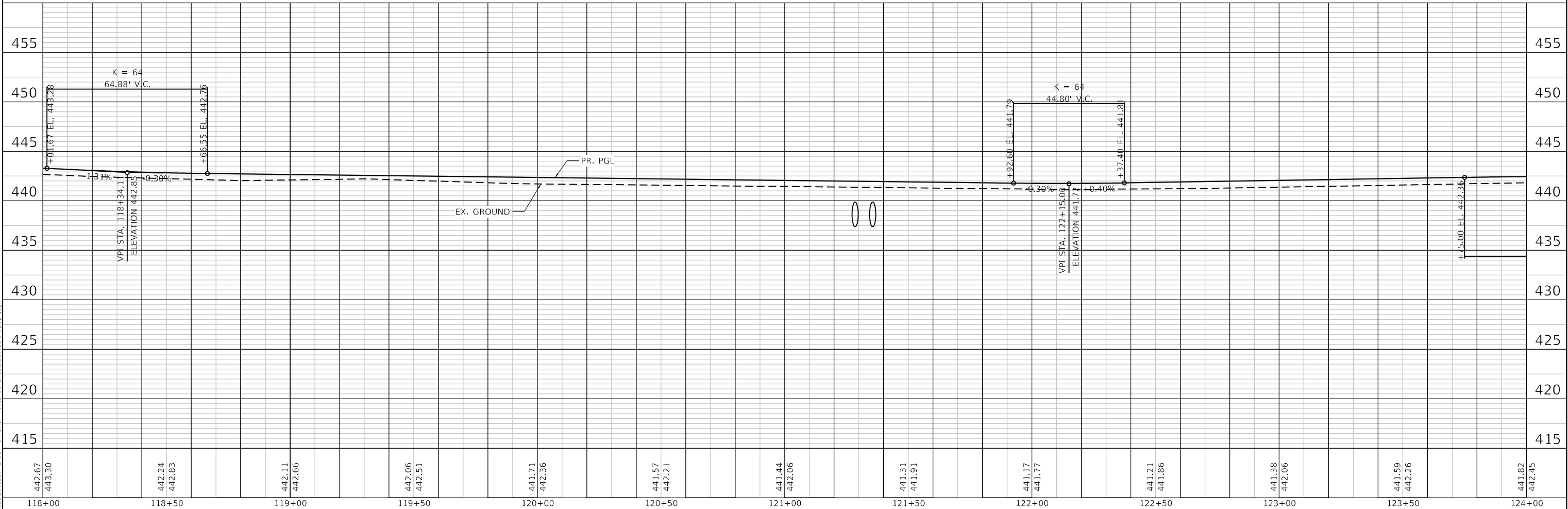
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NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHNG		

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	PLOT SCALE = 480,0000 ' / ft.	DRAWN -	REVISED -			SCALE: 1"=50'	SHEET 3	OF 5	SHEETS	STA. 112+00.00	TO STA. 118+00.00	CONTRACT NO. 99718			
	PLOT DATE = 8/17/2025	CHECKED -	REVISED -												
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT			

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		



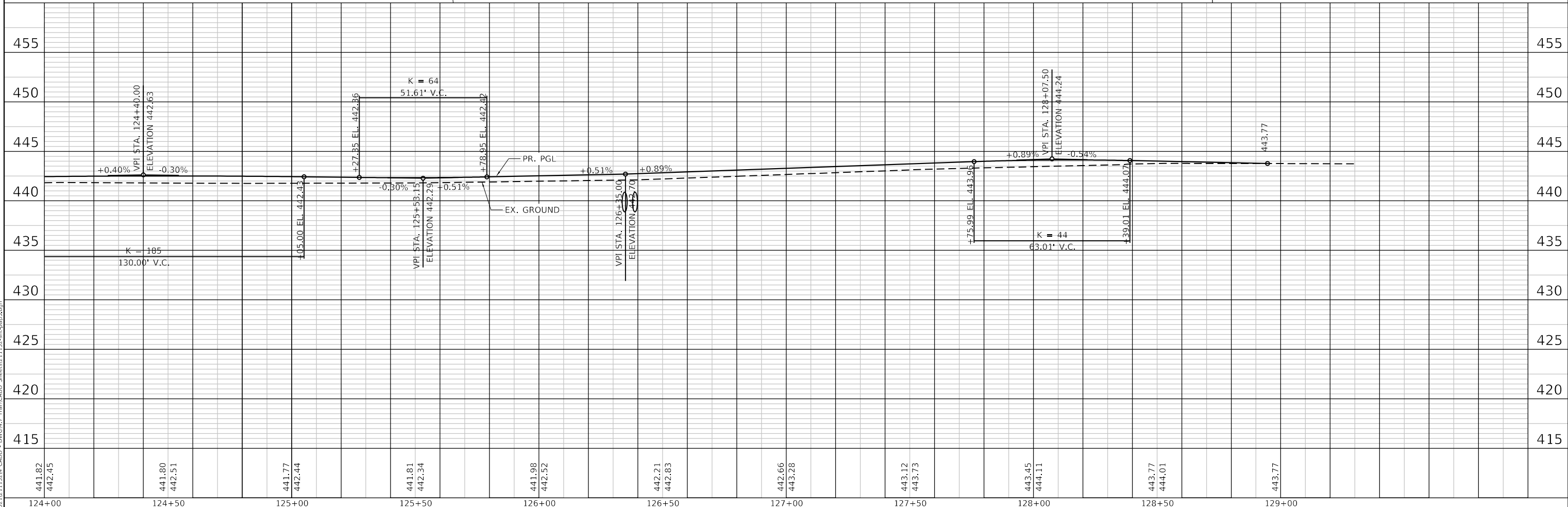
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	PLOT DATE = 8/17/2025	CHECKED -	REVISED -			CONTRACT NO. 99718								
	DATE -	REVISED -	SCALE: 1"=50'			SHEET 4	OF 5	SHEETS	STA. 118+00.00	TO STA. 124+00.00	ILLINOIS	FED. AID PROJECT		

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		

TWM
ENGINEERING & GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220



CARBONDALE
All Ways Open



CARBONDALE
All Ways Open

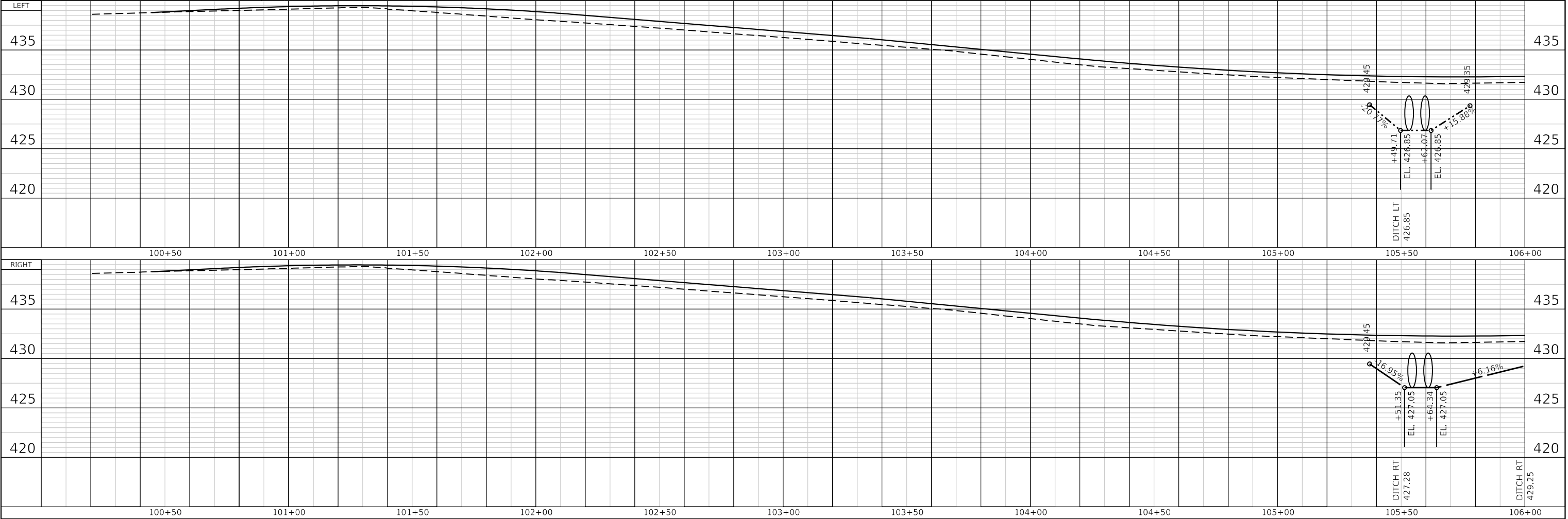
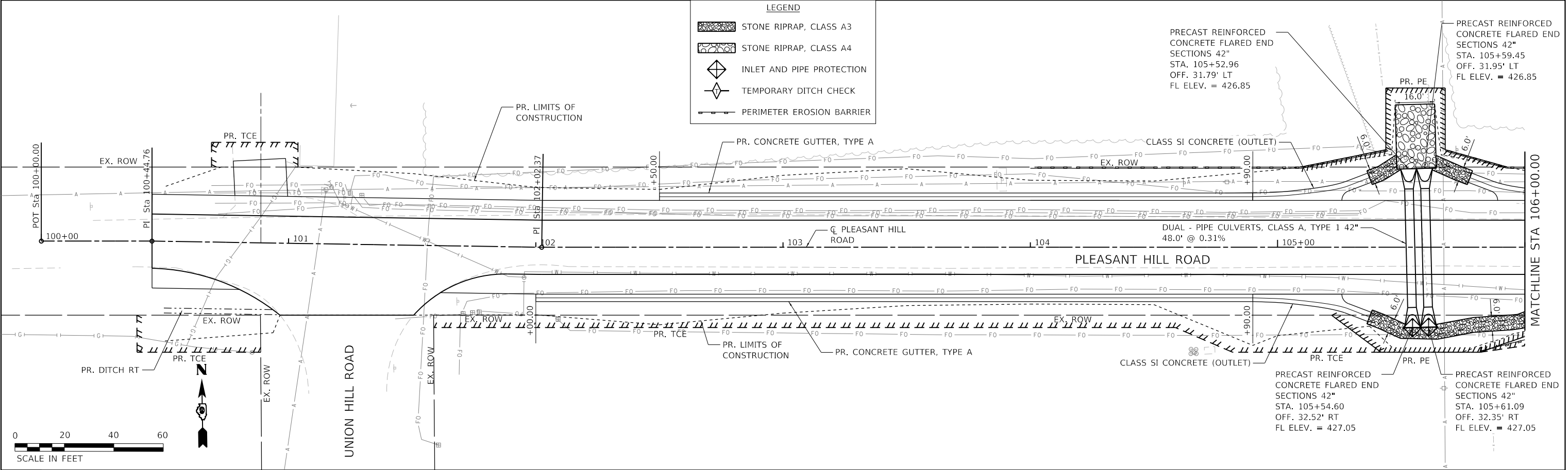
SCALE: 1"=50'	SHEET 5	OF 5	SHEETS	STA. 124+00.00	TO STA. 128+94.65
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	16
		CONTRACT NO. 99718		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
ALIGNMENT CHECKED		
GRADE CHECKED		
STRUCTURE NOTATION CHNG		

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
GRADES CHECKED		
STRUCTURE NOTATION CHNG		

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TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. www.twm-inc.com IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED -	REVISED -		CITY OF CARBONDALE	DRAINAGE AND EROSION CONTROL PLAN			MUN. RTE. 0309	SECTION 22-00149-00-PV	COUNTY JACKSON	TOTAL SHEETS 37	SHEET NO. 17
							SCALE: 1"=20'			SHEET 1 OF 5 SHEETS	STA. 100+44.76 TO STA. 106+00.00	CONTRACT NO. 99718		
										ILLINOIS			FED. AID PROJECT	

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		



TWM
ENGINEERING
GEOSPATIAL SERVICES

USER NAME	= kostermiller
PLOT SCALE	= 40.0000 ' / in.
PLOT DATE	= 8/17/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-



DRAINAGE AND EROSION CONTROL PLAN

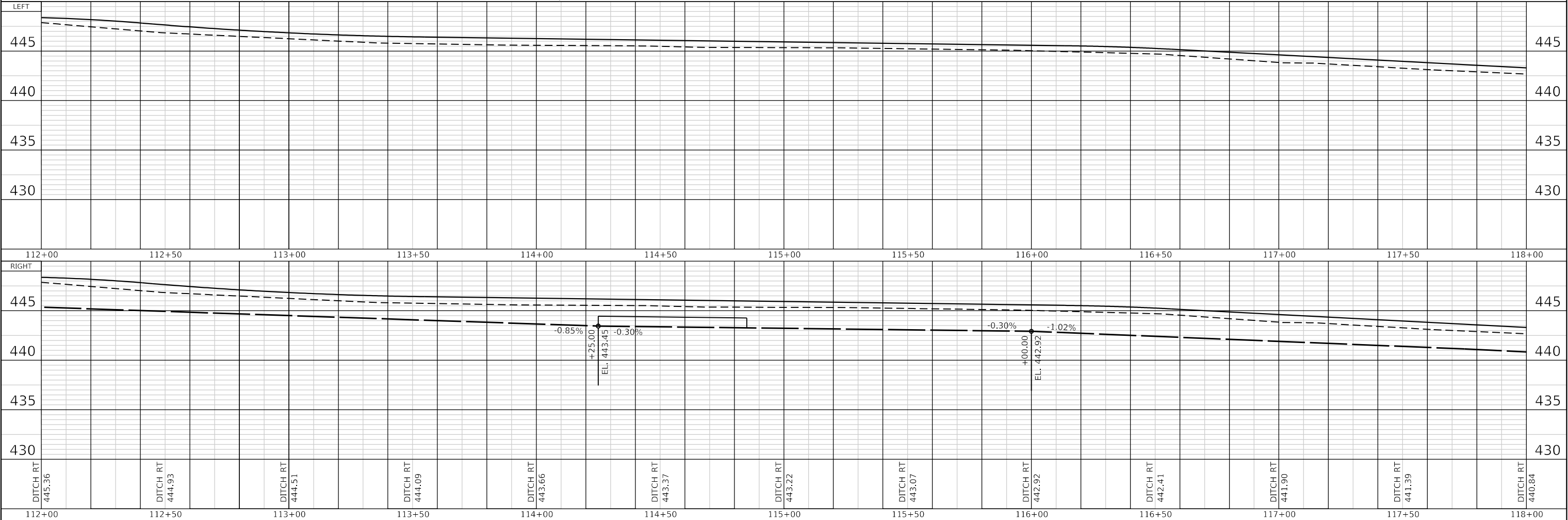
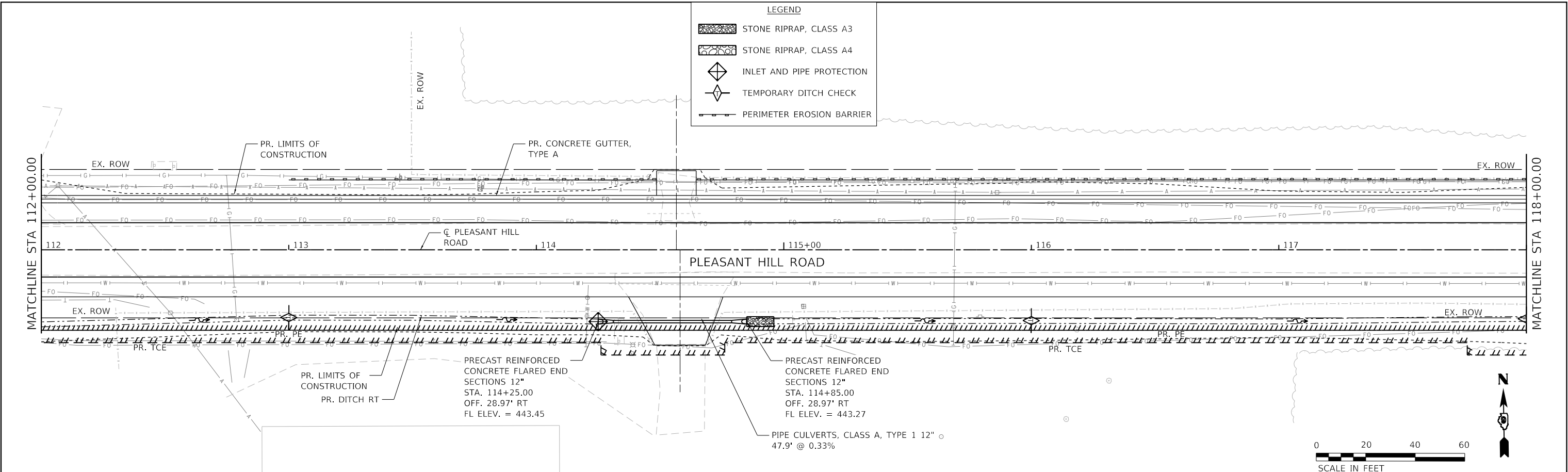
SCALE: 1"=20'	SHEET 2 OF 5 SHEETS	STA. 106+00.00 TO STA. 112+00.00
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	18
		CONTRACT NO. 99718		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHNGD		

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

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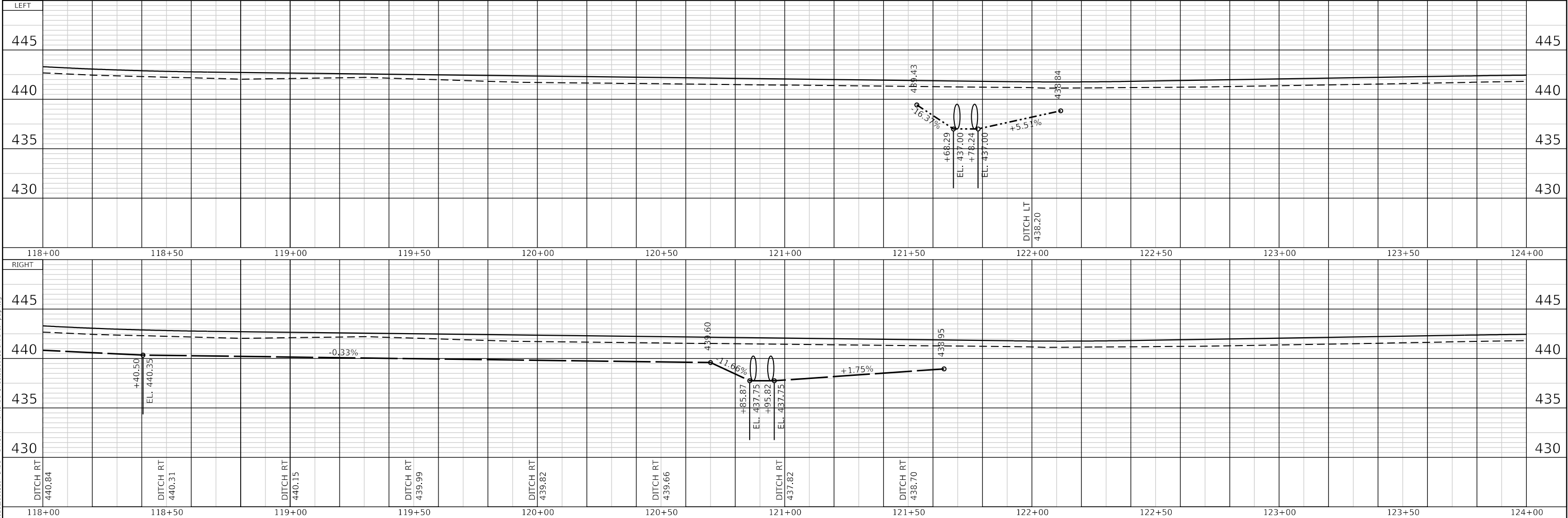
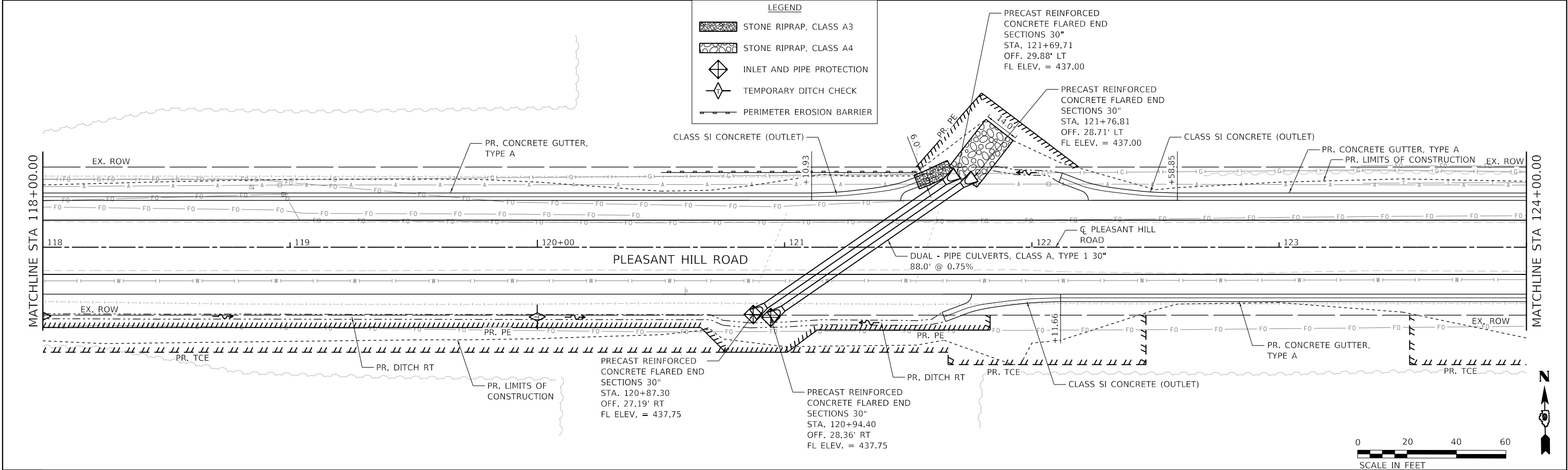


 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED -	REVISED -		CITY OF CARBONDALE	DRAINAGE AND EROSION CONTROL PLAN						MUN. RTE. 0309	SECTION 22-00149-00-PV	COUNTY JACKSON	TOTAL SHEETS 37	SHEET NO. 19	
	PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -			SCALE: 1"=20'						SHEET 3	OF 5 SHEETS	STA. 112+00.00	TO STA. 118+00.00	CONTRACT NO. 99718	
	PLOT DATE = 8/17/2025	CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -														

PLAN	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
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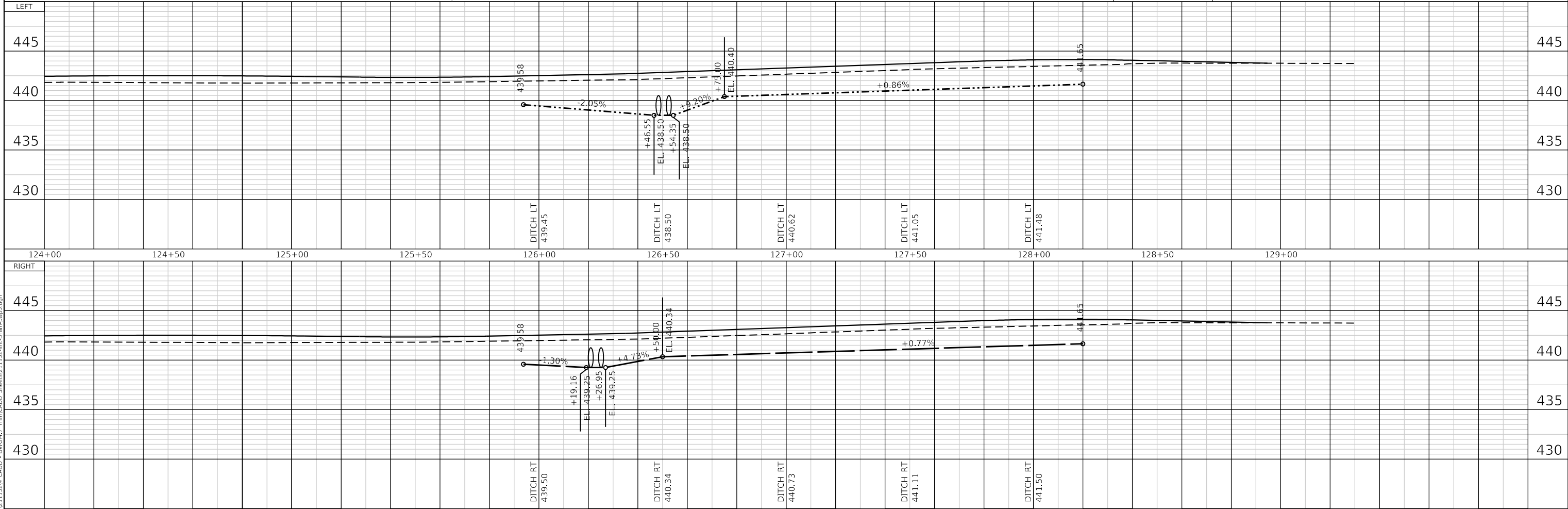
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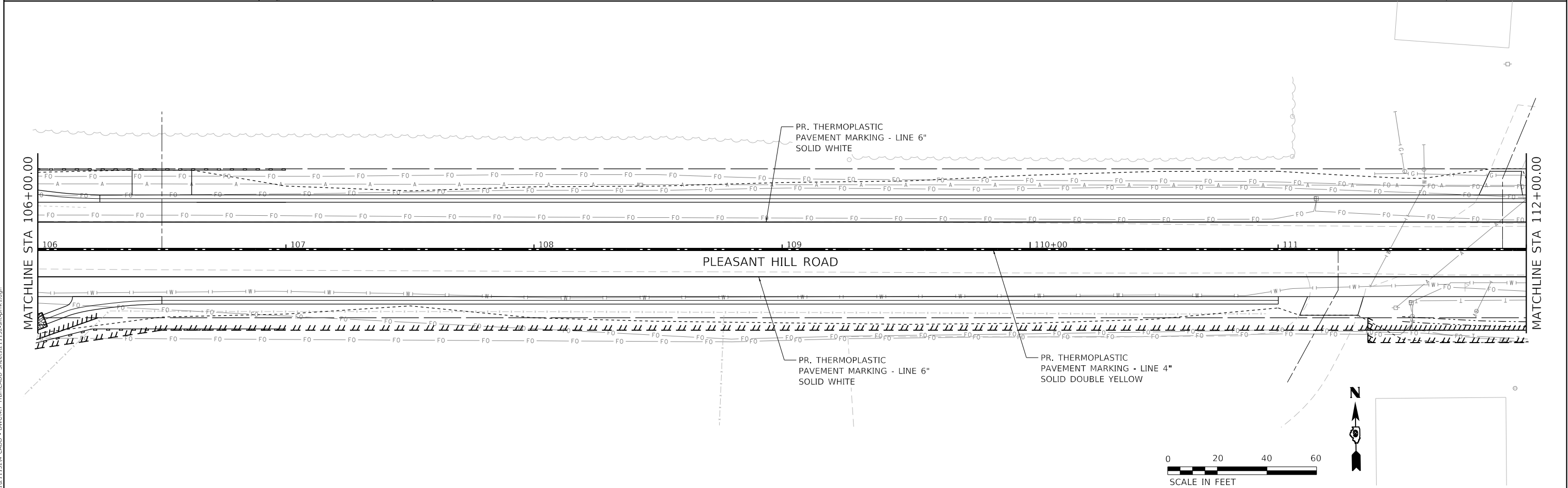
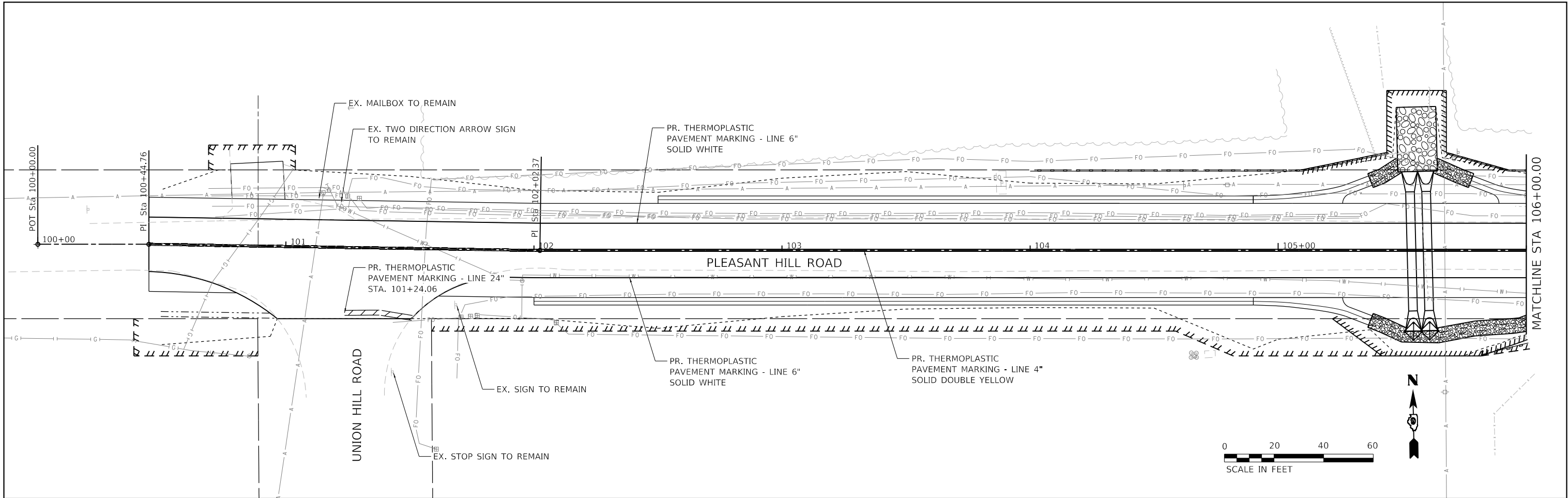


 TWM, INC. www.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED -	REVISED -		CITY OF CARBONDALE	DRAINAGE AND EROSION CONTROL PLAN					MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/17/2025	CHECKED -	REVISED -			CONTRACT NO. 99718									
	DATE -	REVISED -	SCALE: 1"=20'			SHEET 4 OF 5 SHEETS	STA. 118+00.00 TO STA. 124+00.00	ILLINOIS FED. AID PROJECT							

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		



124+00	124+50	125+00	125+50	126+00	126+50	127+00	127+50	128+00	128+50	129+00				
 TWM, INC. WWW.TWM-INC.COM <i>IL DESIGN FIRM</i> LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED -	REVISED -		CITY OF CARBONDALE	DRAINAGE AND EROSION CONTROL PLAN				MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/17/2025	CHECKED -	REVISED -			CONTRACT NO. 99718								
	DATE -	REVISED -	SCALE: 1"=20'			SHEET 5 OF 5 SHEETS	STA. 124+00.00 TO STA. 128+94.65	ILLINOIS	FED. AID PROJECT					



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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 8/17/2025

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

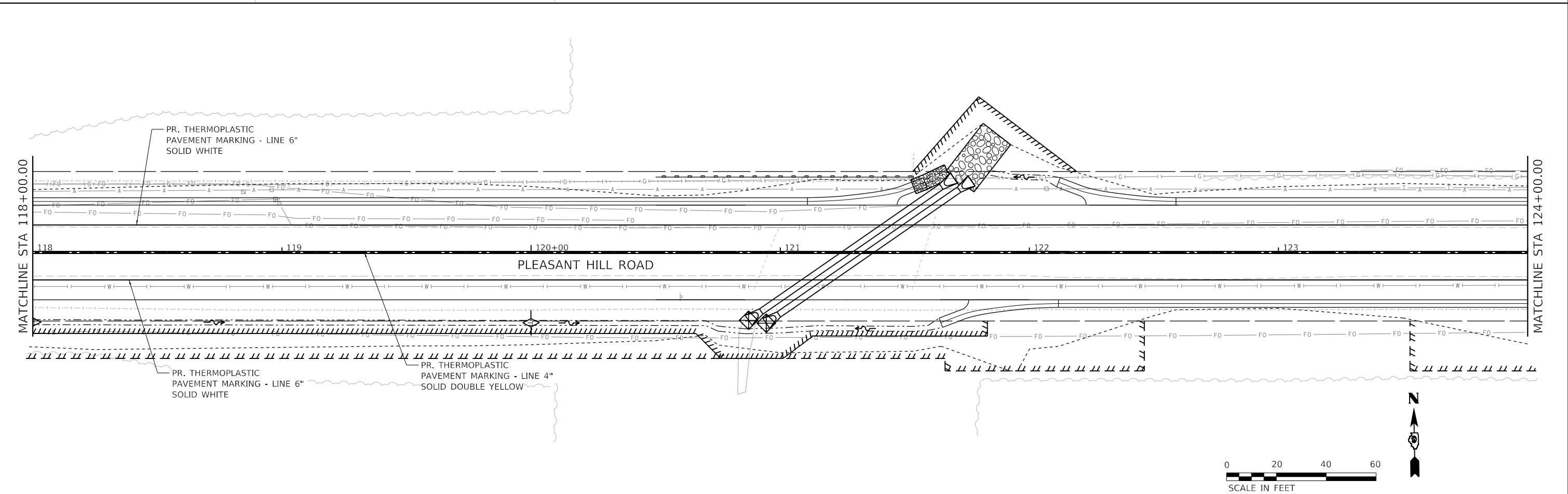
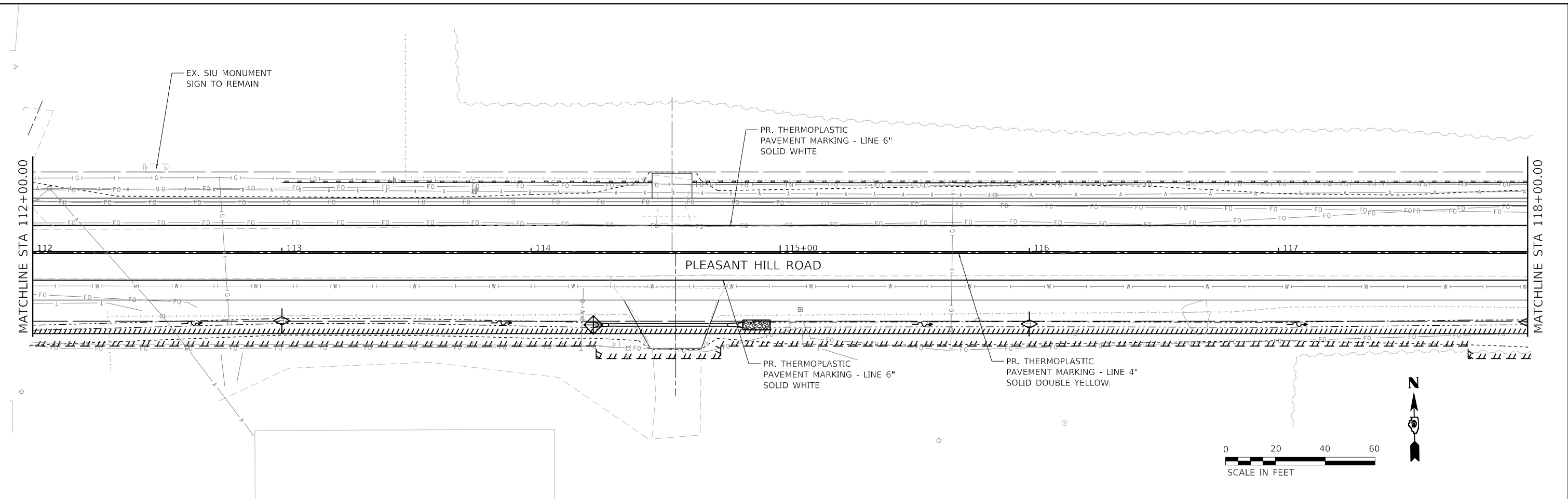


CITY OF CARBONDALE

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20'	SHEET 1	OF 3	SHEETS	STA. 100+00.00	TO STA. 112+00.00
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	22
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				



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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 8/17/2025

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

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

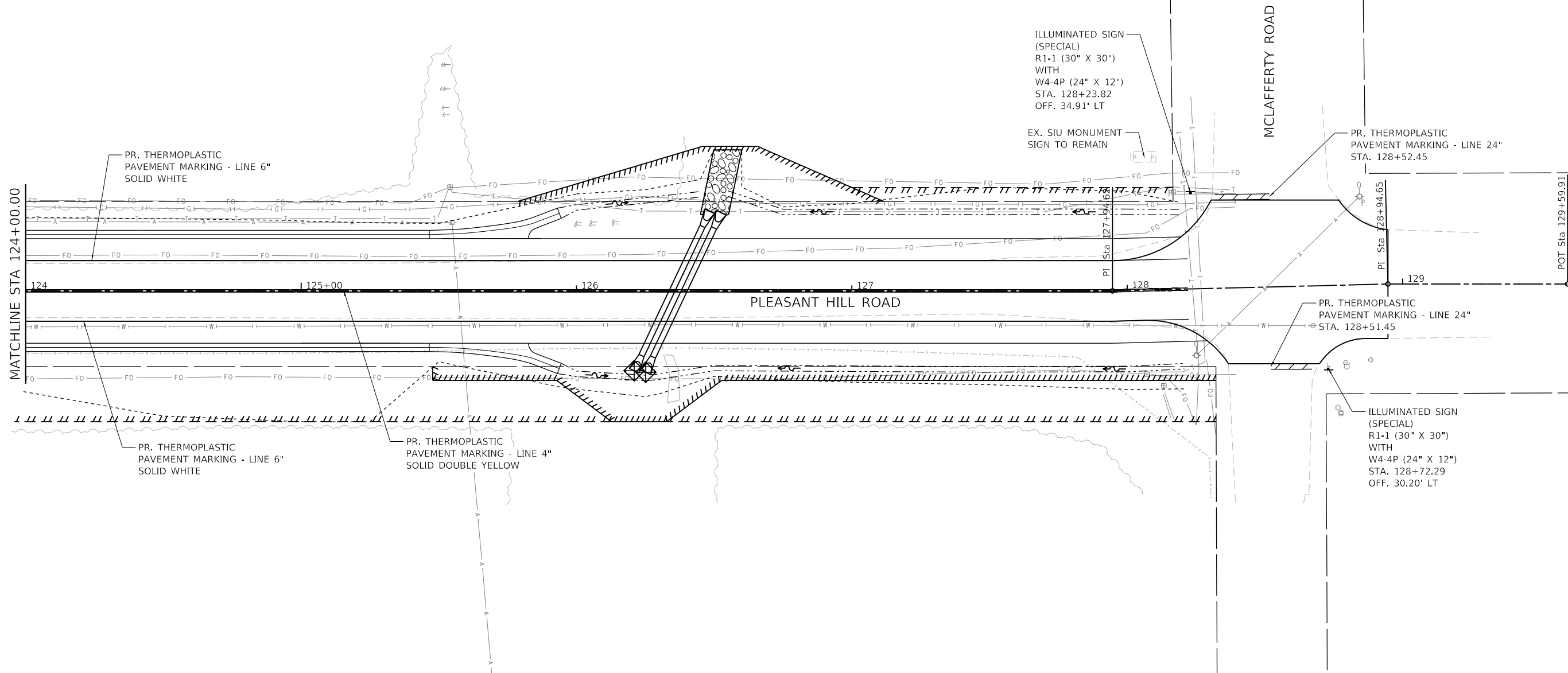


CITY OF CARBONDALE

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 112+00.00 TO STA. 124+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	23
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				



MODEL Default
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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 8/17/2025

DESIGNED	-
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CHECKED	-
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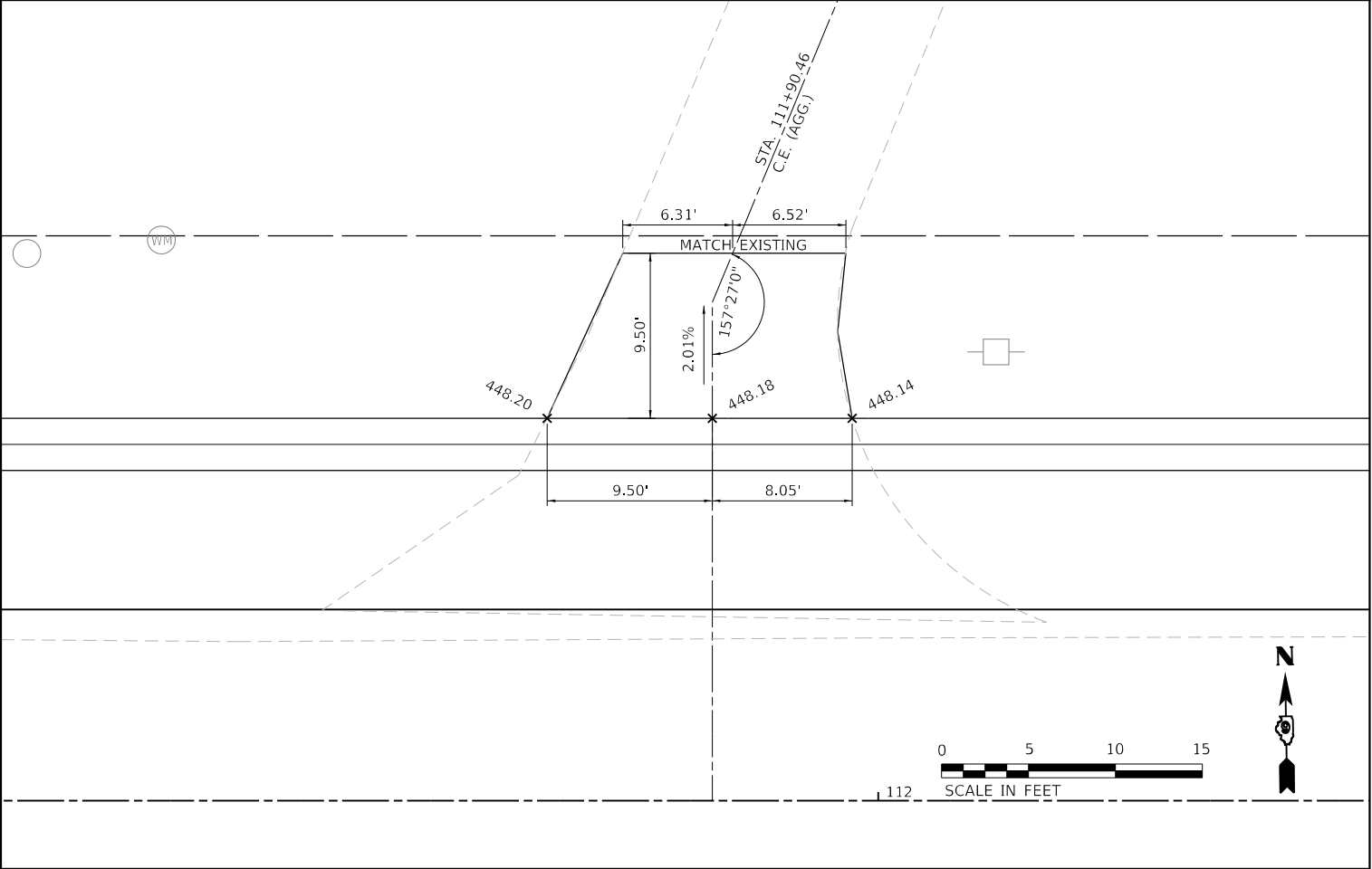
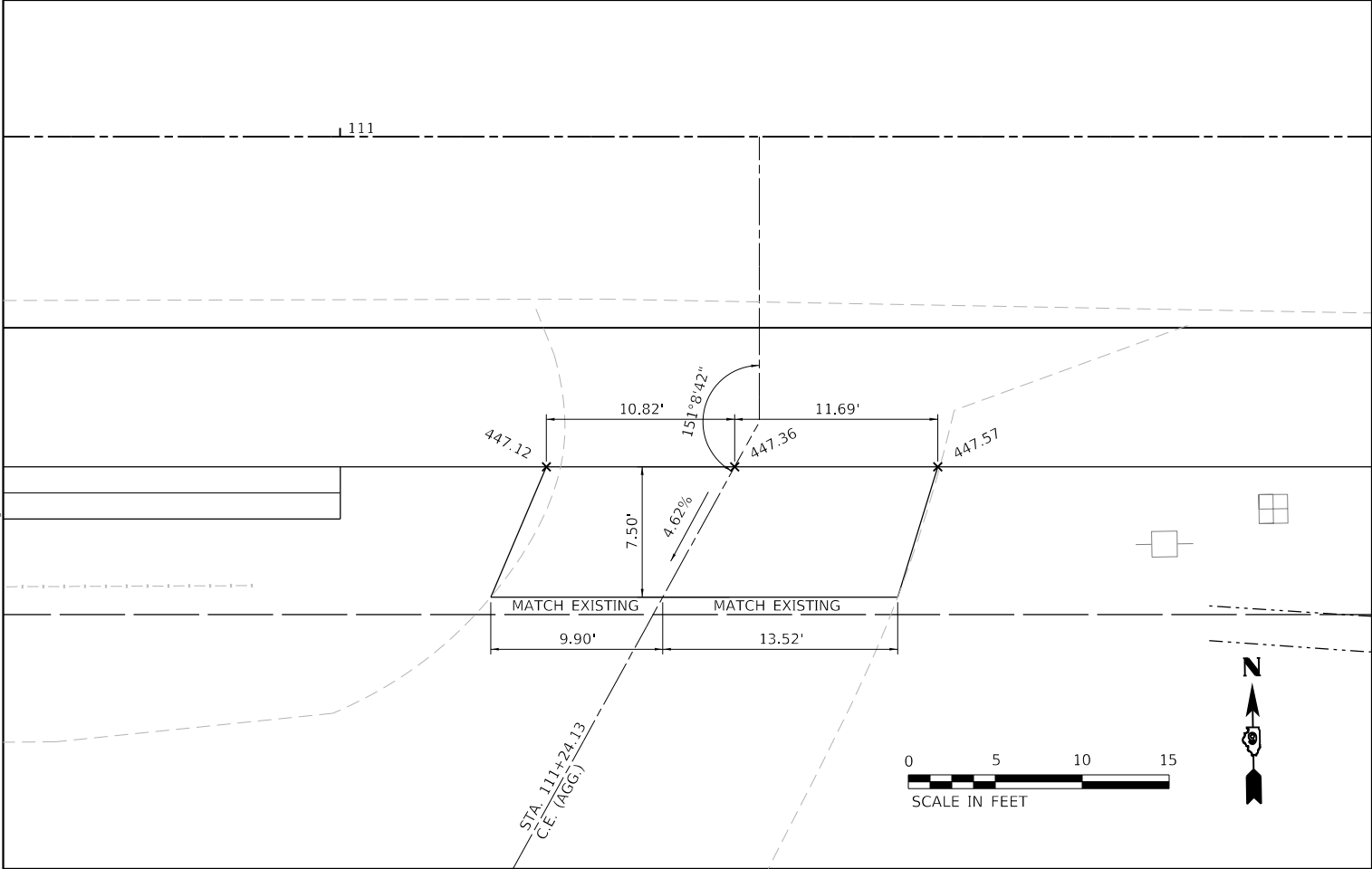
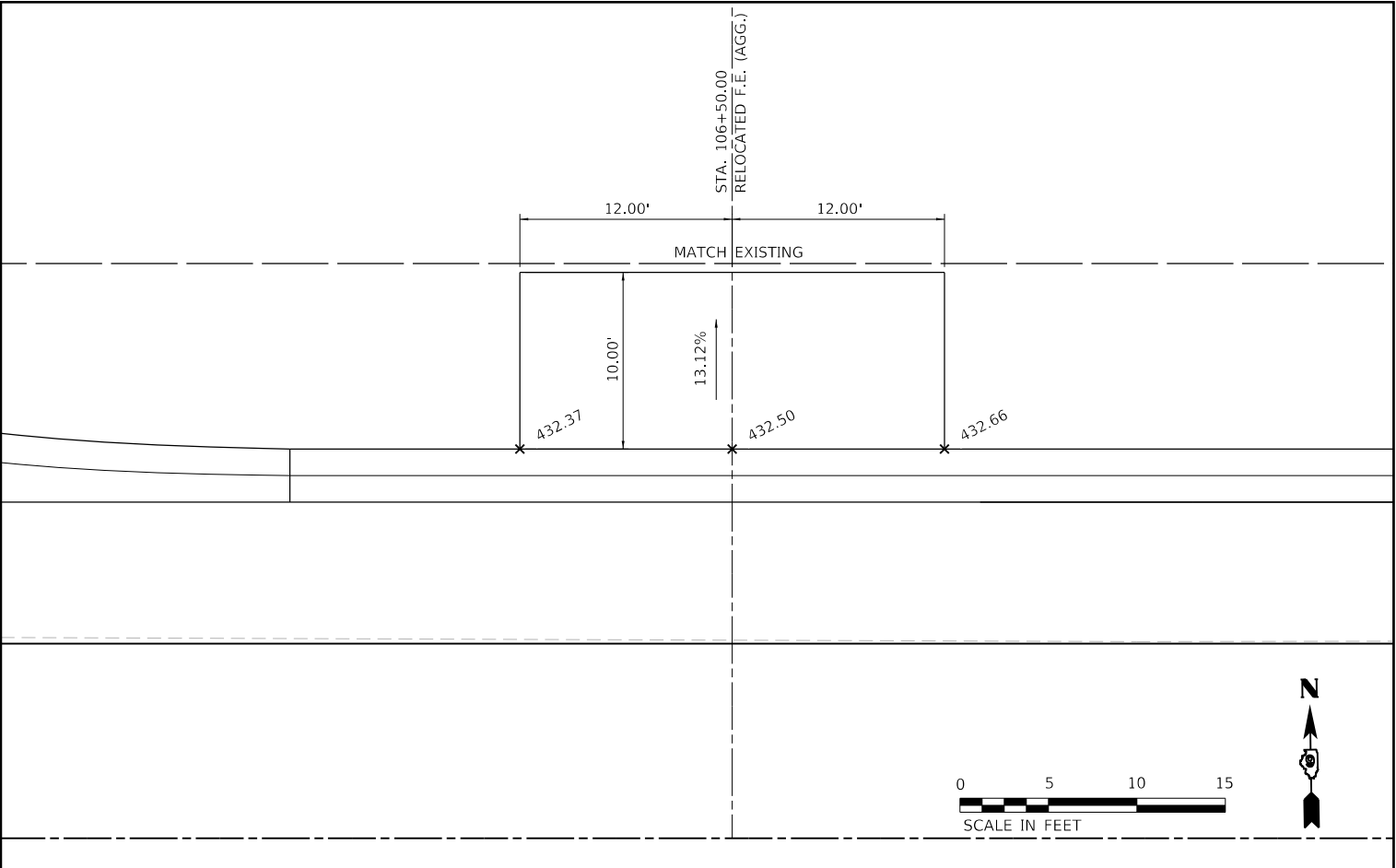
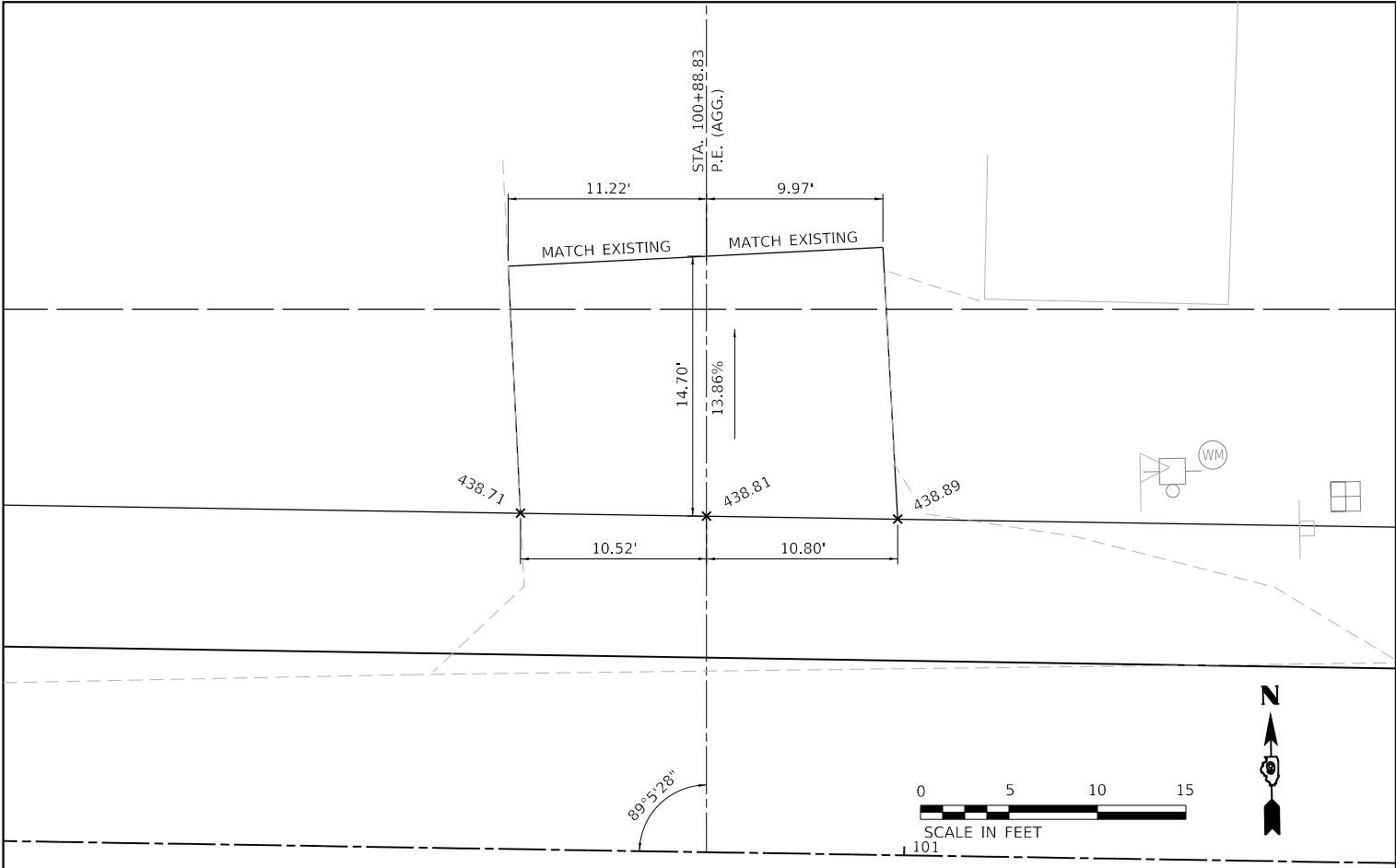


CITY OF CARBONDALE

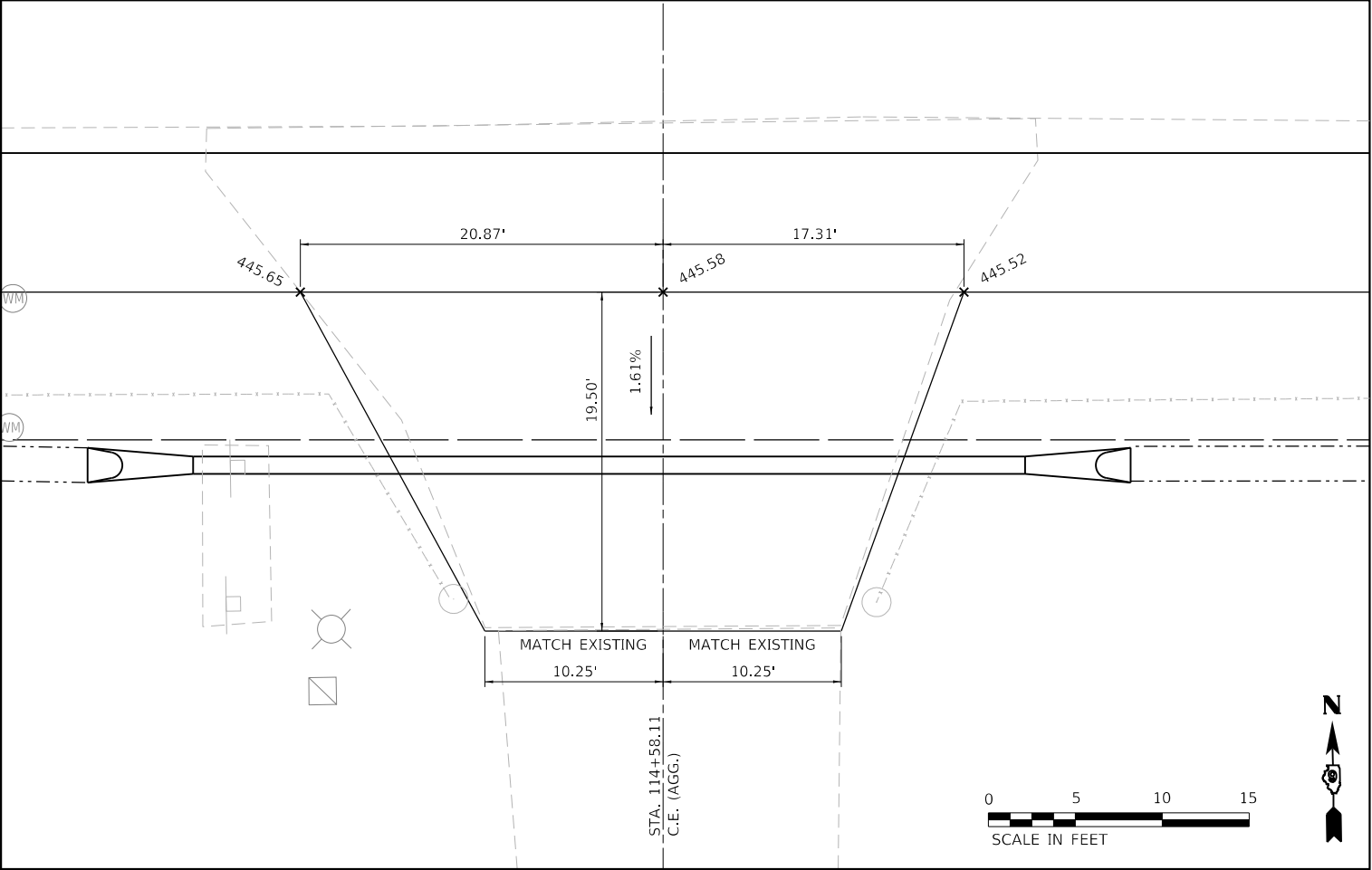
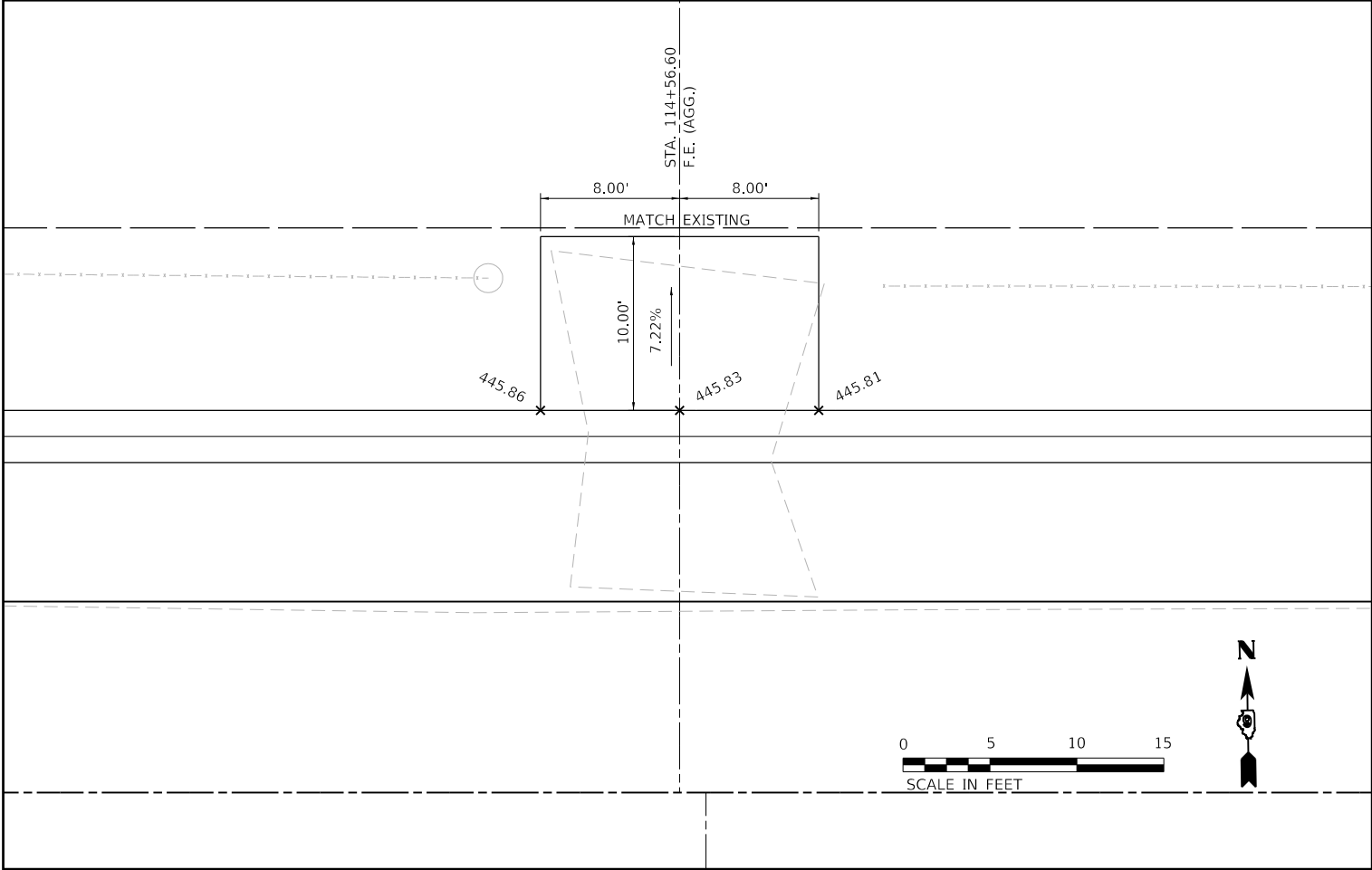
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 124+00.00 TO STA. 128+94.65

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	24
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				

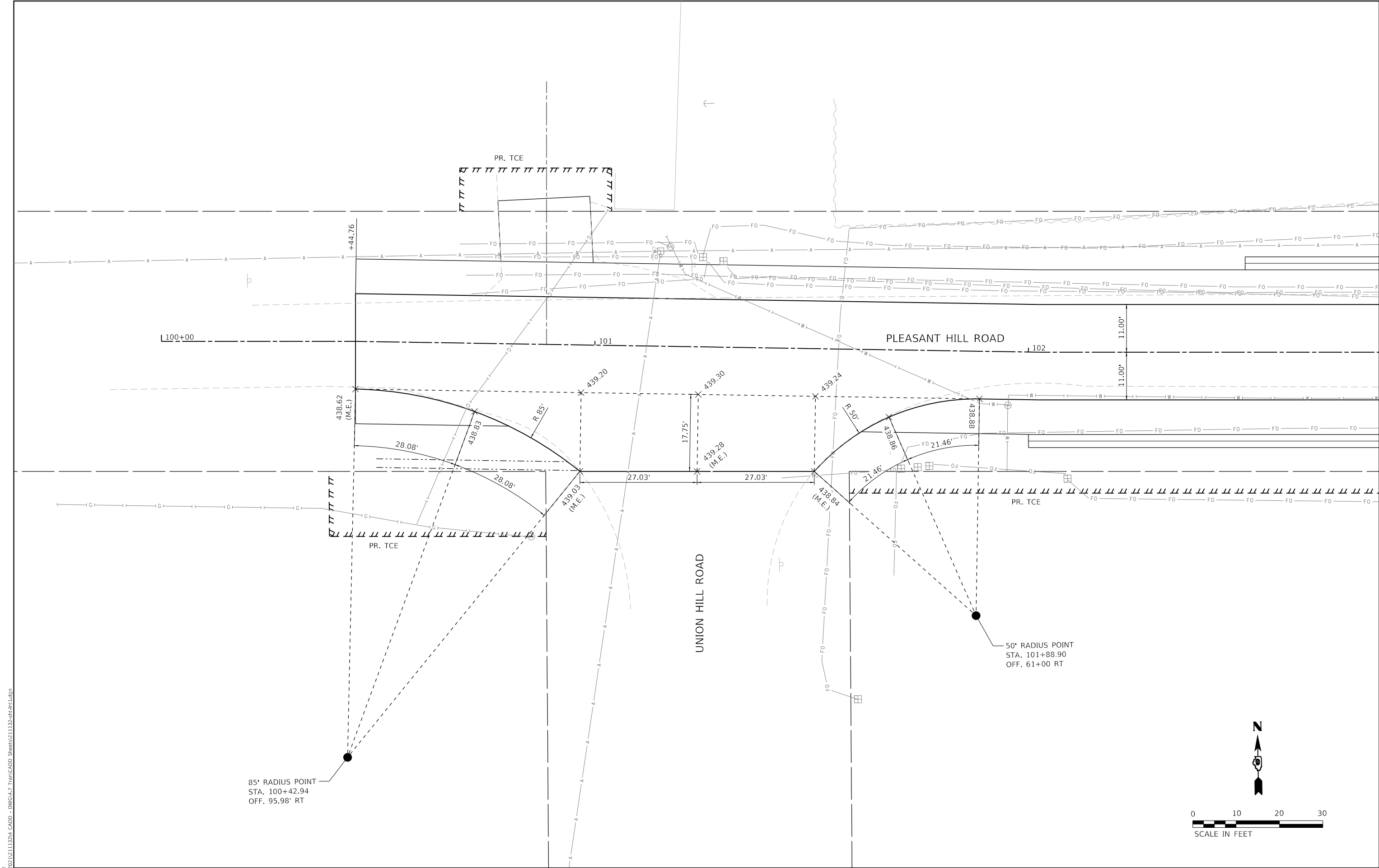


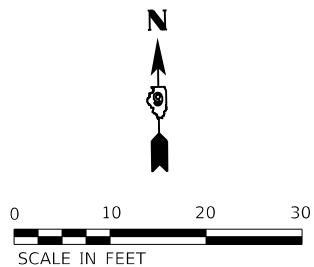
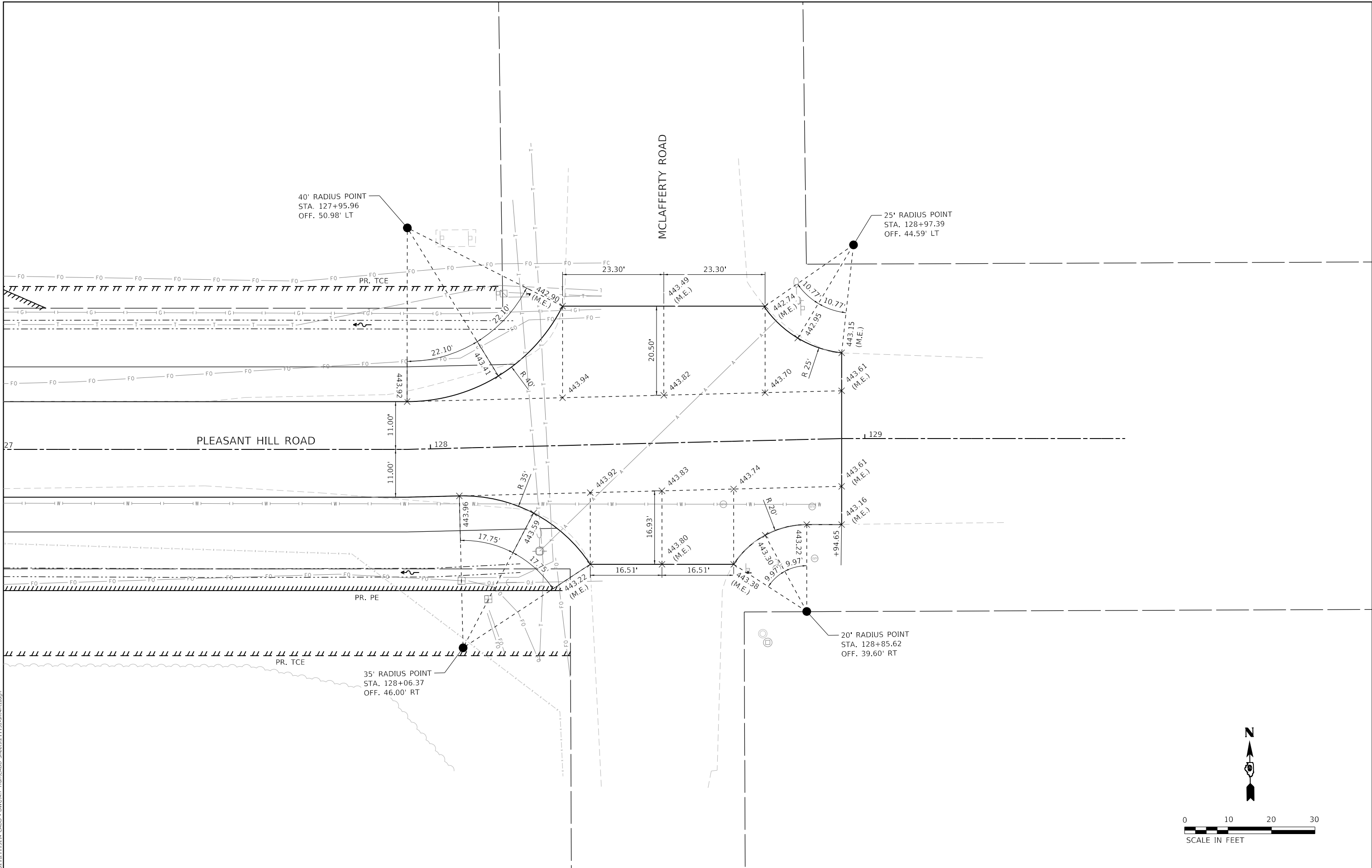
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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 8/20/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

INTERSECTION DETAILS

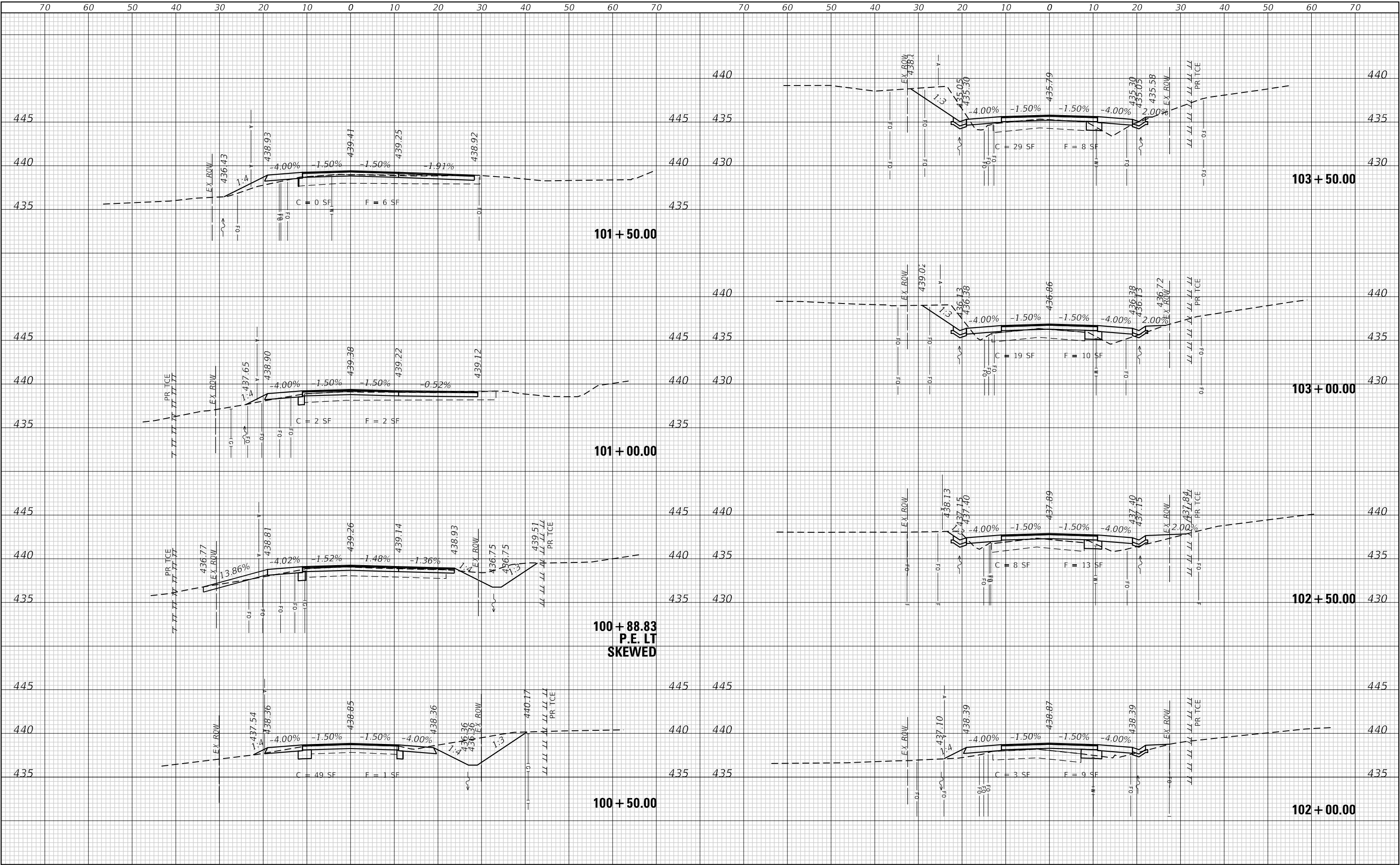
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	28
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				

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

DATE	BY
ORIGINAL	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

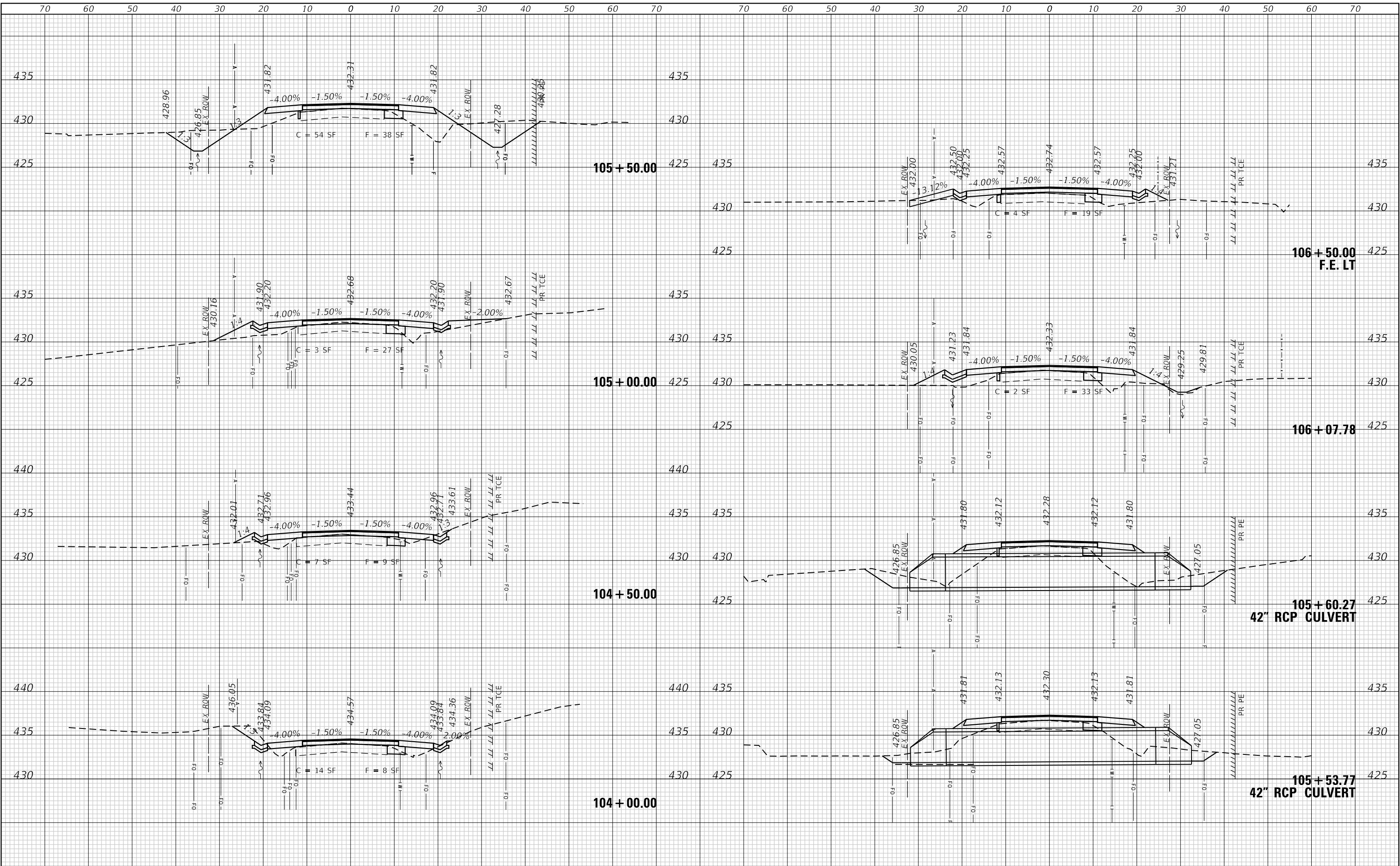
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

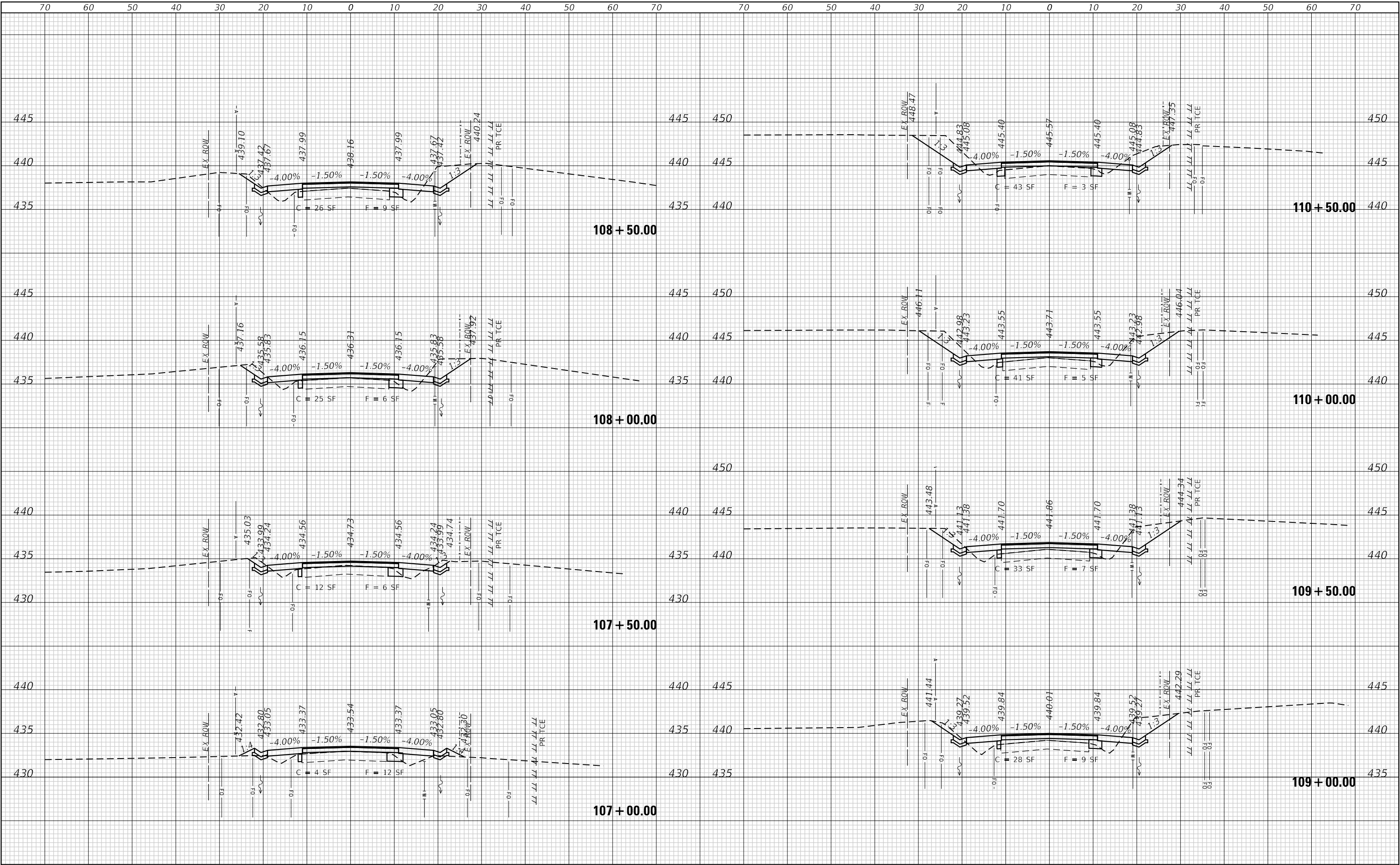
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SURVEY		
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CHECKED		

ORIGINAL	BY	DATE
SURVEY		
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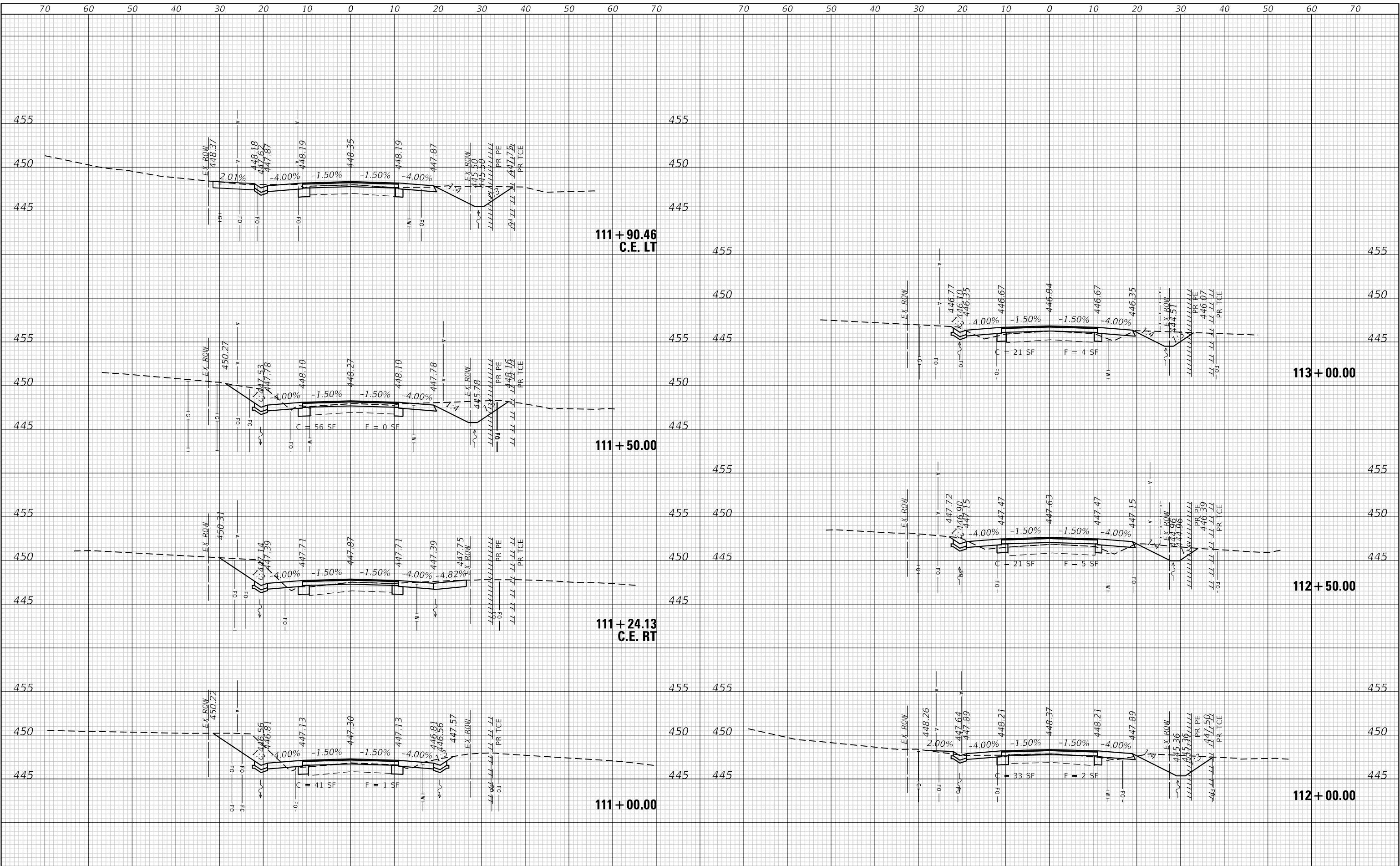
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ORIGINAL	SURVEYED	DATE
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SURVEY	BY	
NOTE BOOK		
NO.		

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SURVEY	BY	
NOTE BOOK		
NO.		

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TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220

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DESIGNED -
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PLOT DATE = 8/20/2025
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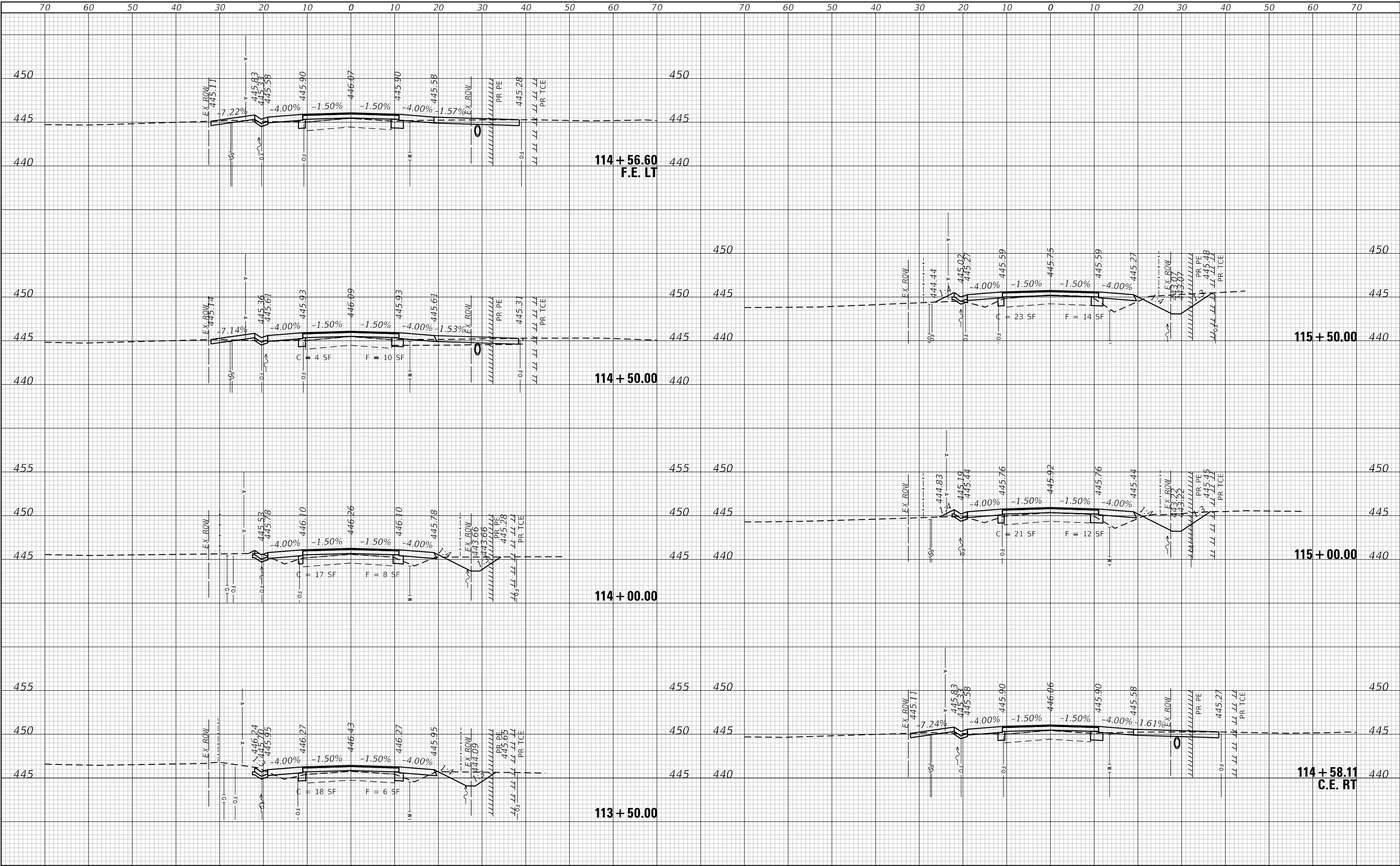


CITY OF CARBONDALE

CROSS SECTIONS

SCALE: 1"=10' SHEET 5 OF 9 SHEETS STA. 113+50.00 TO STA. 115+50.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	33
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				



114 + 56.60
F.E. LT

114 + 50.00

114 + 00.00

113 + 50.00

115 + 50.00

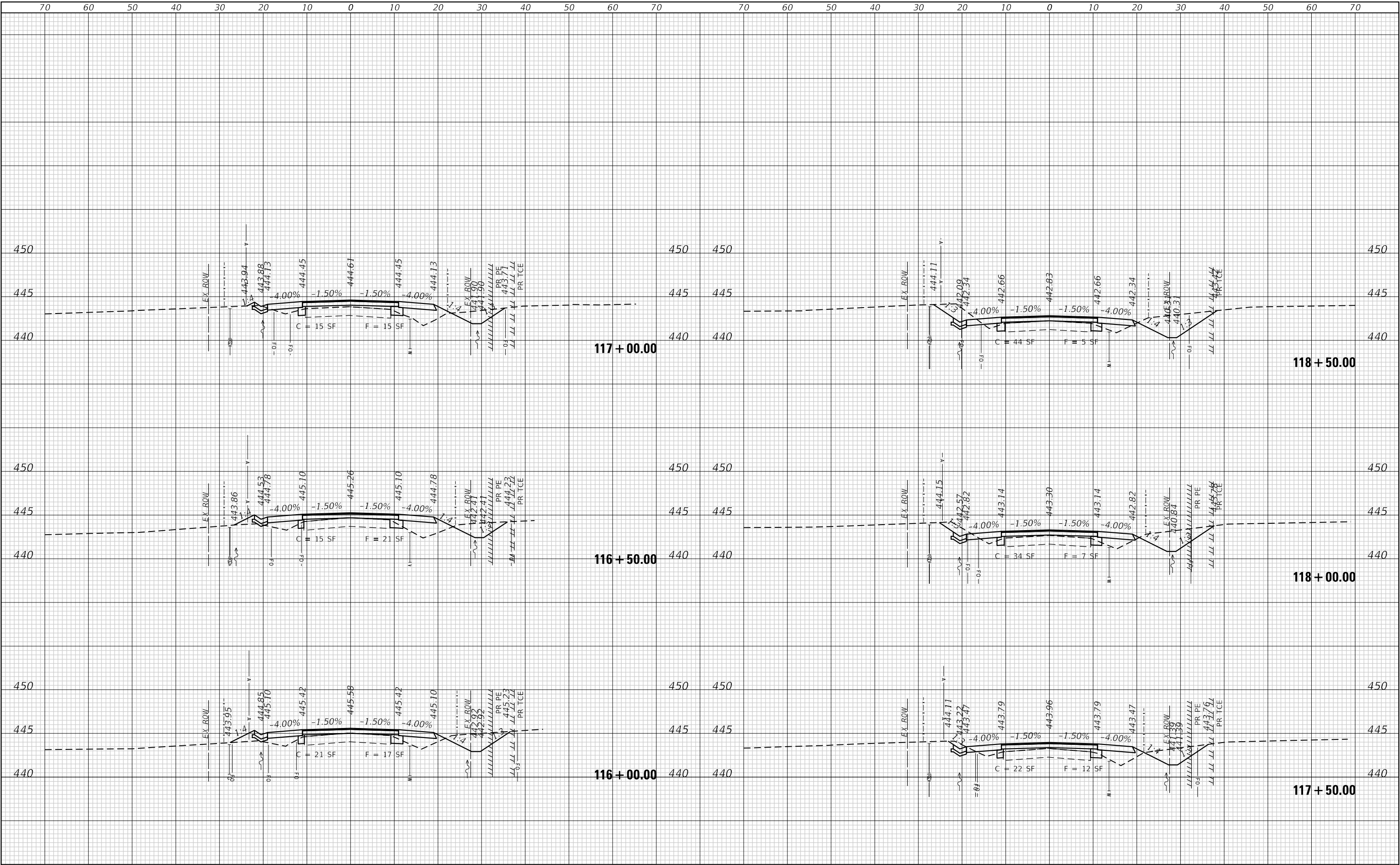
115 + 00.00

114 + 58.11
C.E. RT

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = kostermiller
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 8/20/2025

REVISD -
REVISD -
CHECKED -
DATE -

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REVISD -



CITY OF CARBONDALE

CROSS SECTIONS

SCALE: 1"=10' SHEET 6 OF 9 SHEETS STA. 116+00.00 TO STA. 118+50.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	34
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



TWM
ENGINEERING
&
GEOSPATIAL SERVICES

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LICENSE NO:
184-001220



CARBONDALE
All Ways Open

SCALE: 1"=10'	SHEET 7	OF 9	SHEETS	STA. 119+00.00	TO STA. 121+50.00
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	35
		CONTRACT NO. 99718		
ILLINOIS		FED. AID PROJECT		

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



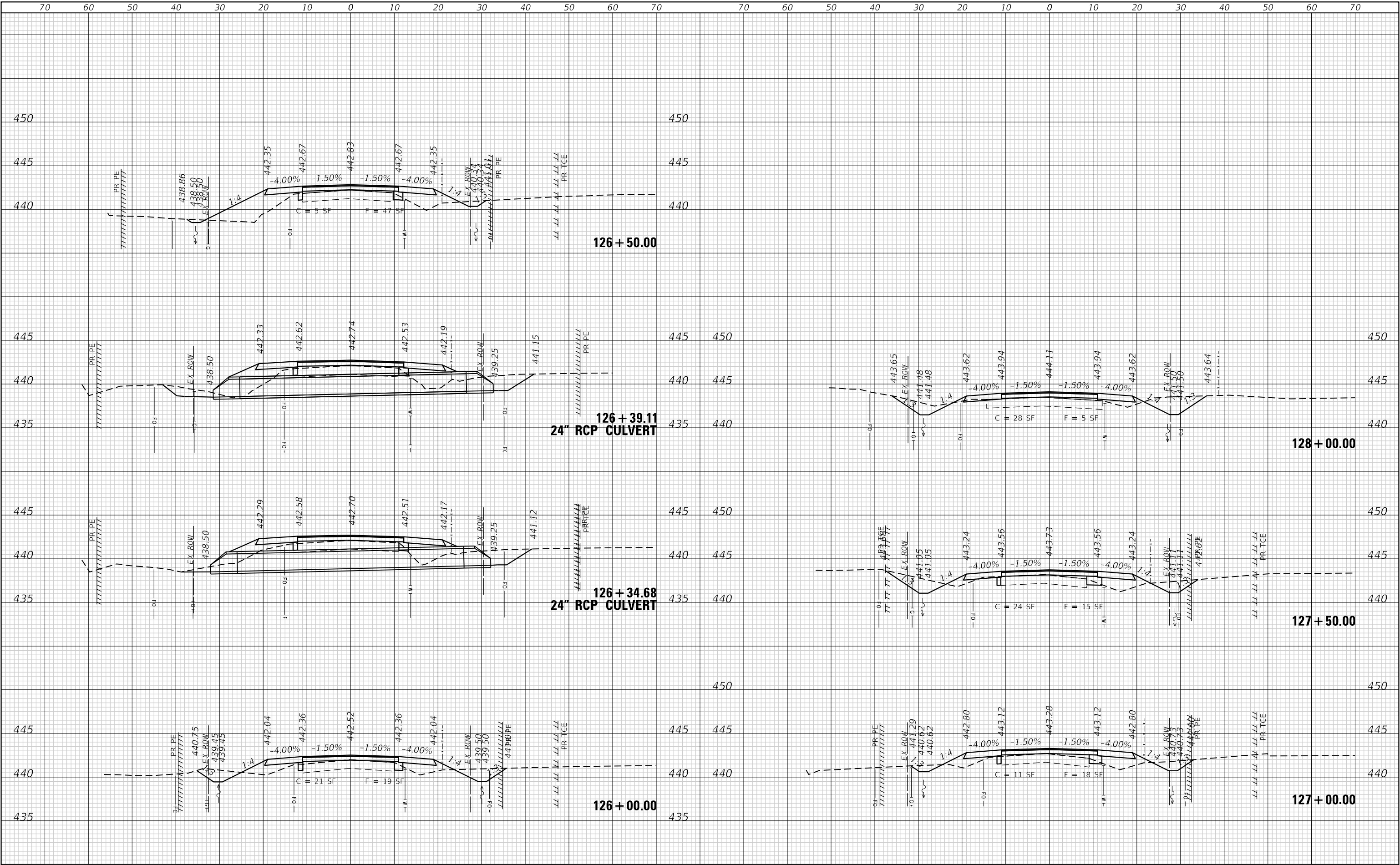
TWM
ENGINEERING
&
GEOSPATIAL SERVICES

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	36
		CONTRACT NO. 99718		
ILLINOIS		FED. AID PROJECT		

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

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

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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = kostermilller
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 8/20/2025

REVISD -
REVISD -
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REVISD -
CHECKED -
DATE -



CITY OF CARBONDALE

CROSS SECTIONS

SCALE: 1"=10' SHEET 9 OF 9 SHEETS STA. 126+00.00 TO STA. 128+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0309	22-00149-00-PV	JACKSON	37	37
CONTRACT NO. 99718				
ILLINOIS FED. AID PROJECT				