

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-9

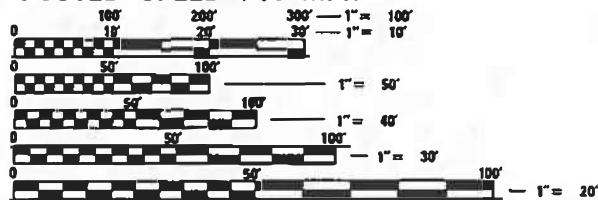
FOR STRUCTURAL PAVEMENT DESIGN
INFORMATION, SEE SHEET NO. 20-25**TRAFFIC DATA**ILLINOIS ROUTE 1 NORTH OF IL ROUTE 141
2023 ADT = 3350
SU% = 5.5% MU% 15.1%ILLINOIS ROUTE 1 SOUTH OF IL ROUTE 141
2023 ADT = 1400
SU% = 5.7% MU% 23.2%ILLINOIS ROUTE 141 EAST OF IL ROUTE 1
2023 ADT = 2400
SU% = 5.0% MU% 12.5%ILLINOIS ROUTE 141 WEST OF IL ROUTE 1
2023 ADT = 3250
SU% = 4.3% MU% 11.5%**TOWNSHIPS**

OMAHA

DESIGN DESIGNATION : 437(25) MINOR ARTERIAL 4.59 (PCC-20)

COORDINATE SYSTEM : ILLINOIS STATE PLANE COORDINATE
SYSTEM, EAST ZONE (NAD 83)

POSTED SPEED : 55 MPH

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.J.U.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811 TOWNSHIP(S): INDIAN CREEK, OMAHAPROJECT MANAGER: SEAN GREENLEE
PROJECT ENGINEER: THOUVENOT, WADE & MOERCHEN, INC.

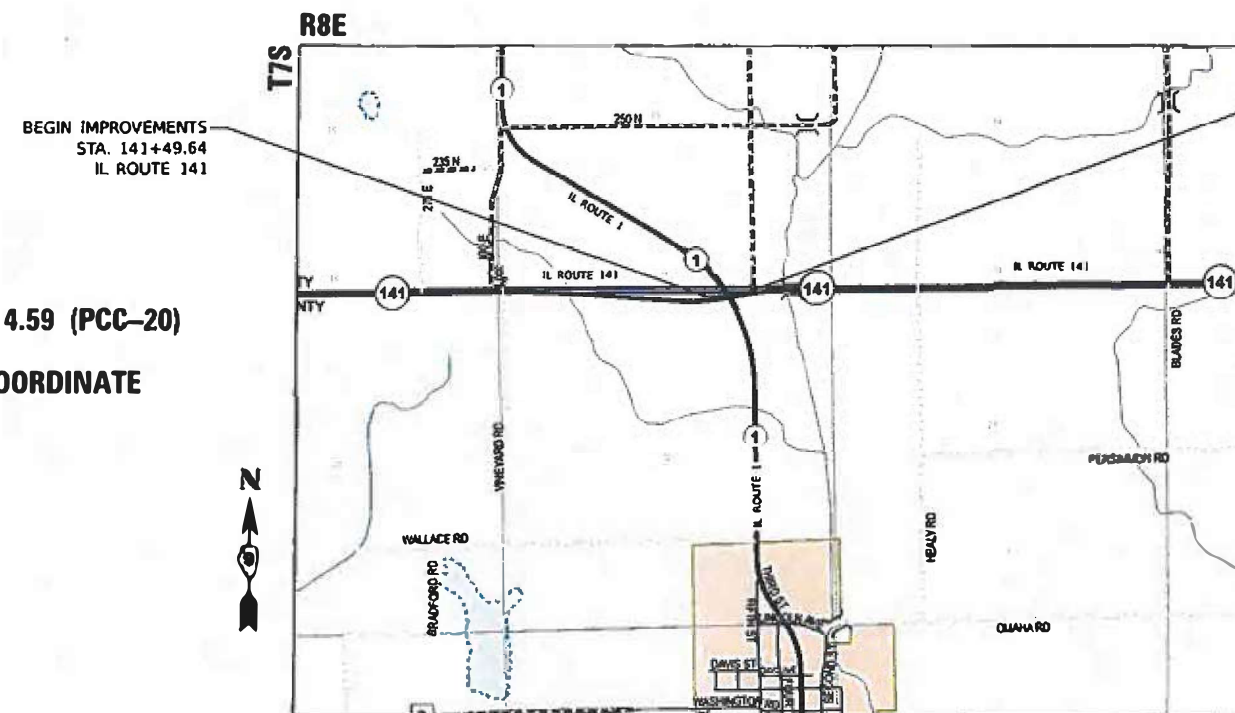
CONTRACT NO. 78A39

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**FAP ROUTE 782/877 (IL RTE 1/141)
SECTION (110,101)N-1**INTERSECTION RECONSTRUCTION
GALLATIN / WHITE COUNTY**

C-99-046-24



SCALE: 1" = 3000'

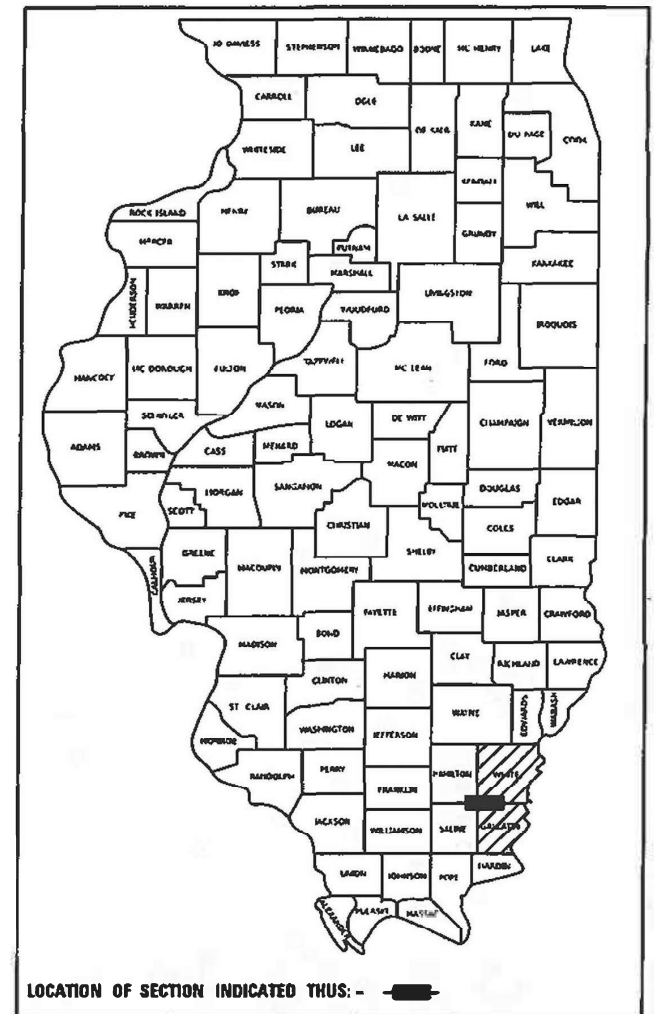
GROSS LENGTH = 765.63 FT. = 0.145 MILE

NET LENGTH = 765.63 FT. = 0.145 MILE

TIMOTHY B. PADGETT, PE
LICENSE NO. 062-049162
SEAL COVERS SHEETS:EXPIRATION DATE
11-30-2025
1-55, 66-83MICHELLE L. SCHWIERJOHN, PE, PTOE
LICENSE NO. 062-062675
SEAL COVERS SHEETS:EXPIRATION DATE
11-30-2025
63-85

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN WHITE	83	1
ILLINOIS			CONTRACT NO. 78A39	

D-99-018-24



LOCATION OF SECTION INDICATED THUS: -

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: 4/30/2025
ILLINOIS - MISSOURI - TENNESSEESTATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATIONSUBMITTED March 20 20 25Lora S. Benning

REGION FIVE ENGINEER

May 9 20 25

ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 25

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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184-001220

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: N.T.S.	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P. RTE. 78A 877	SECTION (110.101)N-1	COUNTY GALLATIN WHITE	TOTAL SHEETS 83	SHEET NO. 2
ILLINOIS			FED. AID PROJECT	

Prepared By: Susan Poe
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car Nub
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Z Cao
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bennett
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aam Hany
DISTRICT MATERIALS ENGINEER

GENERAL NOTES

1. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
ALL AGGREGATE = 2.05 TONS/CU. YD.
RIPRAP = 1.50 TONS/CU. YD.
EARTH = 110 LBS/CU. FT.
2. 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 ACCORDINGLY TO ARTICLE 109.04.
3. EDGE LINE PAVEMENT MARKING SHALL BE REMOVED IF A 10 FT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHALL BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.
4. REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
5. AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

COMMITMENTS:

NONE

MIX DESIGN:

LOCATIONS	STABILIZED SUBBASE 4"
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0
PG:	PG64-22
DESIGN AIR VOIDS:	4.0% 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 mm
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	3000 TON
MATERIAL TRANSFER DEVICE	NO

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
483001-06	PCC SHOULDER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIERS
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
838001-01	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

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184-001220

USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 40.000 ' / in.	CHECKED -	REVISED +
PLOT DATE = 3/20/2025	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HIGHWAY STANDARDS, AND INDEX OF SHEETS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110.101)N-1	GALLATIN/ WHITE	83	3
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: P:\2022\2019\B&C - IL 1 & 141 Intersection (Phase 1 & 2)\4 CAD\DWG\4.7 TranCAD Sheets\078A39.dwg

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				RURAL	RURAL
				WHITE	GALLATIN
				0004	0004
20200100	EARTH EXCAVATION	CU YD	2203	836	1367
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.50	0.25
25000350	SEEDING, CLASS 7	ACRE	0.75	0.50	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	34	34
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68	34	34
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	34	34
25100630	EROSION CONTROL BLANKET	SQ YD	3512	1707	1805
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150	70	80
28000305	TEMPORARY DITCH CHECKS	FOOT	126	63	63
28000400	PERIMETER EROSION BARRIER	FOOT	942	333	609
28000500	INLET AND PIPE PROTECTION	EACH	1	1	0
28100107	STONE RIPRAP, CLASS A4	SQ YD	52	26	26
28100207	STONE RIPRAP, CLASS A4	TON	7	0	7
28200200	FILTER FABRIC	SQ YD	62	26	36

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 782/ 877	SECTION (110.101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 4
CONTRACT NO. 78A39			ILLINOIS FED. AID PROJECT	

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				RURAL	RURAL
				WHITE	GALLATIN
				0004	0004
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3980	2027	1953
31200100	STABILIZED SUBBASE 4"	SQ YD	3980	2027	1953
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	355	102	253
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	2887	1502	1385
44000100	PAVEMENT REMOVAL	SQ YD	2154	1130	1024
44004250	PAVED SHOULDER REMOVAL	SQ YD	240	36	204
44201298	DOWEL BARS 1 1/4"	EACH	88	44	44
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	78	20	58
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	925	444	481
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	16	8	8
50200100	STRUCTURE EXCAVATION	CU YD	54.5	27.5	27.0
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	40	20	20
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	10360	5180	5180

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				RURAL	RURAL
				WHITE	GALLATIN
				0004	0004
52200015	PERMANENT SHEET PILING	SQ FT	1309	655	654
54002020	EXPANSION BOLTS 3/4 INCH	EACH	52	26	26
54003000	CONCRETE BOX CULVERTS	CU YD	53.0	27.0	26.0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	1	1
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	52.0	22	30
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	44	22	22
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	6	6
67100100	MOBILIZATION	L SUM	1	0.50	0.50
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.50	0.50
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.50	0.50
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.50	0.50
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.50	0.50
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14	7	7
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	0.50	0.50

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				CONSTRUCTION CODE	
				RURAL	RURAL
				WHITE	GALLATIN
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0004
70106700	TEMPORARY RUMBLE STRIPS	EACH	12	6	6
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	152	76	76
70300100	SHORT TERM PAVEMENT MARKING	FOOT	219	112	107
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	73	37	36
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	2758	1376	1382
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	142	66	76
70400100	TEMPORARY CONCRETE BARRIER	FOOT	800	800	0
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	150	150	0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	662.5	0	662.5
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2	0
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE,NARROW), TEST LEVEL 3	EACH	2	0	2
* 72900100	METAL POST - TYPE A	FOOT	23	11	12
* 73000100	WOOD SIGN SUPPORT	FOOT	200	106	94
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2758	1376	1382

* SPECIALTY ITEM

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				CONSTRUCTION CODE	
100% STATE				RURAL	RURAL
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	WHITE	GALLATIN
				0004	0004
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	142	66	76
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	32	17	15
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	91	64	27
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	17	9	8
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1851	820	1031
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1	0	1
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	10	0	10
* 85800100	FLASHER CONTROLLER	EACH	1	0	1
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	0.50	0.50
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	106	0	106
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	18	0	18
* 87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	0	1
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	0	15
* 88040410	SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, MAST ARM MOUNTED	EACH	1	0	1

* SPECIALTY ITEM

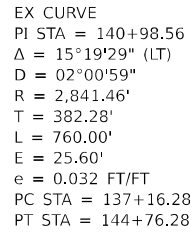
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				CONSTRUCTION CODE	
100% STATE				RURAL	RURAL
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	WHITE	GALLATIN
				0004	0004
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	0	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	0	1
X2503110	MOWING (SPECIAL)	ACRE	0.75	0.50	0.25
X4202010	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	2887	1502	1385
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	93	0	93
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	44	22	22
X7010202	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1	0.50	0.50
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.50	0.50
X7200203	DETOUR SIGNING	L SUM	1	0.50	0.50
* X8302125	WOOD POLE, 25 FT, CLASS 4	EACH	1	1	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.50	0.50
* Z0054517	ROCK FILL - FOUNDATION	TONS	69	35	34

* SPECIALTY ITEM

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POINT	STATION	NORTHING	EASTING
PC	238+47.93	453118.818	991021.215
PI	254+51.74	452077.420	992024.801
PT	267+72.10	450678.485	992391.781



USER NAME = jrebllock	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 100,000' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	10
CONTRACT NO. 78A39				
ILLINOIS		FED. AID PROJECT		

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EARTHWORK SCHEDULE										
LOCATION			EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE		BORROW EXCAVATION	REMARKS
							EXCAVATION REQUIRED TO COMPLETE	EXCESS EXCAVATION		
STA.	TO	STA.	CU YD	%	CU YD	CU YD	CU YD	CU YD	CU YD	
IL ROUTE 141										
141+49.64	TO	149+15.27	1367	25%	1025	832	1025	193		
IL ROUTE 1										
250+61.17	TO	255+03.65	836	25%	627	316	627	311		
TOTALS			2203						0	

PIPE CULVERT SCHEDULE					
LOCATION		CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PIPE CULVERTS, CLASS A, TYPE 1 24 INCH
STATION	LT/RT	EACH	FOOT	EACH	FOOT
PHASE 1					
IL 141					
146+42.38	LT	1.0	8.0	1.0	22.0
SUB-TOTAL:		1	8	1	22
PHASE 2					
IL 141					
146+43.12	RT	1.0	8.0	1.0	30.0
SUB-TOTAL:		1	8	1	30
PAY TOTAL:		2	16	2	52

REMOVAL SCHEDULE						
LOCATION				PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	TEMPORARY PAVEMENT REMOVAL
STATION	TO	STATION	LT/RT	SQ YD	SQ YD	SQ YD
PRE-STAGE B						
IL 141						
144+58.04	TO	145+10.58	RT		19.6	
146+01.17	TO	146+49.71	RT		19.6	
SUB-TOTAL:				0.0	39.2	0.0
STAGE 1						
IL 141						
143+69.79	TO	147+19.24	LT	1130.0		
IL 1						
251+45.70	TO	252+27.26	LT		36.1	
SUB-TOTAL:				1130	36	0.0
STAGE 2						
IL 141						
143+69.79	TO	145+03.61	RT			58.5
143+69.79	TO	147+19.24	RT	1023.8		
146+09.78	TO	147+19.24	RT			34.1
IL 1						
252+21.88	TO	253+92.28	RT		94.5	
252+56.46	TO	253+92.28	LT		70.2	
SUB-TOTAL:				1024	164	93
PAY TOTAL:				2154	240	93



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jtrebilcock

PLOT SCALE = 40,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P.
RTE.
782/
877

SECTION
(110,101)N-1

COUNTY
GALLATIN/
WHITE

TOTAL
SHEETS
83

SHEET
NO.
11

CONTRACT NO. 78A39

ILLINOIS FED. AID PROJECT

MODEL: Default
FILE NAME: P:\2022\220197B6C - IL 1 & 141 Intersection (Phase I & II) CAD - DWG\4.7 Twp CAD_Sheets\07B6-39-41h-sc-hed\ledjrn

EROSION CONTROL SCHEDULE									
LOCATION							TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
STATION	OFFSET	LT/RT	TO	STATION	OFFSET	LT/RT	FOOT	FOOT	EACH
STAGE 1									
IL 141									
142+60.75	19.96	LT	TO	143+69.86	24.96	LT		113.1	
144+02.45	54.03	LT					9.0		
144+34.18	61.60	LT					9.0		
146+23.74	66.86	LT					9.0		
146+42.17	62.04	LT							1
146+59.12	52.95	LT					9.0		
146+91.68	46.13	LT					9.0		
147+19.24	24.69	LT	TO	148+47.73	17.00	LT		128.5	
IL 1									
250+61.17	20.00	RT	TO	251+07.23	49.63	RT		90.7	
251+14.37	60.93	RT					9.0		
251+26.52	63.89	LT					9.0		
SUB-TOTAL:							63	333	1
STAGE 2									
IL 141									
141+49.64	20.00	RT	TO	143+69.80	25.00	RT		222.1	
144+39.47	55.96	RT					9.0		
146+60.73	60.51	RT					9.0		
146+89.87	52.04	RT					9.0		
147+19.31	24.49	RT	TO	149+15.27	24.00	RT		196.1	
IL 1									
252+52.36	75.77	RT					9.0		
252+73.53	72.67	RT					9.0		
253+04.12	48.49	RT	TO	253+92.73	33.33	RT		88.8	
253+07.27	67.39	RT					9.0		
253+08.04	54.73	LT	TO	253+92.28	21.87	LT		102.3	
254+13.18	51.38	LT					9.0		
SUB-TOTAL:							63	609	0
PAY TOTAL:							126	942	1

RIPRAP SCHEDULE			
LOCATION		STONE RIPRAP, CLASS A4	FILTER FABRIC
STATION		TON	SQ YD
STAGE 2			
IL 1			
252+72.56	RT	7.0	10.0
PAY TOTAL:		7	10

SIGNAGE SCHEDULE					
LOCATION			DESCRIPTION	METAL POST - TYPE A	WOOD SIGN SUPPORT
STATION	OFFSET	LT/RT	SIGN	FOOT	FOOT
STAGE 1					
IL 141					
144+61.14	41.91	LT	STRUCTURE NUMBER PLAQUE	11.0	
144+72.80	52.09	LT	STOP SIGN / ALL WAY		15.0
145+98.63	51.62	LT	HIGHWAY NAME(S)		14.2
146+03.60	46.59	LT	STOP SIGN / ALL WAY		15.2
146+03.63	51.59	LT	ROUTE NAME(S) / ARROWS		16.6
IL 1					
250+63.47	27.75	LT	COUNTY IDENTIFICATION		13.8
251+36.68	47.09	RT	ROUTE NAME(S) / ARROWS		16.3
251+38.68	42.49	RT	STOP SIGN / ALL WAY		15.0
SUB-TOTAL:				11	106
STAGE 2					
IL 141					
144+67.62	31.85	RT	STRUCTURE NUMBER PLAQUE	11.9	
144+92.67	40.62	RT	ROUTE NAME(S) / ARROWS		15.1
144+92.71	35.62	RT	STOP SIGN / ALL WAY		14.3
146+24.14	45.11	RT	STOP SIGN / ALL WAY		15.3
IL 1					
252+96.16	41.1	LT	STOP SIGN / ALL WAY		15.2
252+97.84	45.8	LT	ROUTE NAME(S) / ARROWS		16.5
253+44.85	30.5	RT	ROUTE NAME(S) / COUNTY IDENTIFICATION		17.5
SUB-TOTAL:				12	94
PAY TOTAL:				23	200

CONFLICTING PAVEMENT MARKING REMOVAL SCHEDULE							
LOCATION						RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING *
STATION	TO	STATION	LOCATION	TYPE	LT/RT	EACH	SQ FT
IL 141							
139+18.38	TO	141+97.49	CENTERLINE	SKIP-DASH	LT/RT		23.3
139+18.38	TO	150+63.57	CENTERLINE	SKIP-DASH	LT/RT	13	
141+58.44	TO	144+96.99	LANE LINE	SINGLE	RT		113.4
141+97.49	TO	142+93.77	CENTERLINE	SKIP-DASH	LT/RT		8.0
142+70.58	TO	143+69.83	LANE LINE	SINGLE	LT		32.9
144+91.11	TO	144+93.11	STOP BAR	SINGLE	RT		37.2
146+14.94	TO	149+03.98	LANE LINE	SINGLE	RT		96.4
147+19.24	TO	148+34.50	CENTERLINE	SKIP-DASH	LT/RT		38.5
148+85.54	TO	150+63.28	CENTERLINE	SKIP-DASH	LT/RT		14.8
148+85.54	TO	150+63.28	LANE LINE	SINGLE	LT		14.8
SUB-TOTAL:						13	379
IL 1							
250+61.17	TO	253+92.28	CENTERLINE	SKIP-DASH	LT/RT	4	
252+93.65	TO	252+95.65	STOP BAR	SINGLE	LT		25.5
SUB-TOTAL:						4	26
PAY TOTAL:						17	405

* SEE PAVEMENT MARKING SCHEDULE FOR ADDITIONAL QUANTITY



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P.
RTE.
782/
877

SECTION
(110,101)M-1

COUNTY
GALLATIN/
WHITE

TOTAL
SHEETS
83

SHEET
NO.
12

CONTRACT NO. 78A39

ILLINOIS FED.AID PROJECT

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 Twp\CAD_Sheets\078A39-IL1SCH.dwg

MAINLINE PAVING SCHEDULE										
LOCATION			AGGREGATE SUBGRADE IMPROVEMENT	STABILIZED SUBBASE 4"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	DOWEL BARS 1 1/4"	AGGREGATE WEDGE SHOULDER, TYPE B	PORTLAND CEMENT CONCRETE SHOULDERS 9"	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT
STATION	TO	STATION	SQ YD	SQ YD	SQ YD	SQ YD	EACH	TON	SQ YD	SQ YD
PRE-STAGE B										
IL 141										
141+49.64	TO	145+03.61			159.5					
141+49.64	TO	145+10.58						31.3		
146+01.16	TO	149+15.27						27.2		
146+09.76	TO	149+15.27			93.9					
SUB-TOTAL:			0	0	253	0	0	58	0	0
STAGE 1										
IL 141										
142+60.75	TO	143+69.79			42.2			9.1		
143+69.79							22			
143+69.79	TO	147+19.24	2026.5	2026.5		1501.7			444.0	1501.7
147+19.24	TO	148+47.73			59.5			10.8		
250+61.17							22			
SUB-TOTAL:			2027	2027	102	1502	44	20	444	1502
STAGE 2										
IL 141										
142+60.75	TO	143+69.79								
143+69.79	TO	147+19.24	1953.2	1953.2		1385.0			480.6	1385.0
147+19.24							22			
147+19.24	TO	148+47.73								
253+92.28							22			
SUB-TOTAL:			1953	1953	0	1385	44	0	481	1385
PAY TOTAL:			3980	3980	355	2887	88	78	925	2887

TRAFFIC CONTROL SCHEDULE														
LOCATION							TEMPORARY BRIDGE TRAFFIC SIGNALS	TEMPORARY RUMBLE STRIPS	TEMPORARY CONCRETE BARRIERS	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE NARROW), TEST LEVEL 3	BARRIER WALL REFLECTORS, TYPE C
LOCATION	OFFSET	LT/RT	TO	LOCATION	OFFSET	LT/RT	EACH	EACH	FOOT	EACH	FOOT	EACH	EACH	EACH
STAGE 1														
IL 141														
EB LANE							0.25	3						
141+40.35	5.23	LT									1			
141+45.27	4.00	LT	TO	149+34.23	4.31	LT			800	150			64	
149+39.14	4.97	LT									1			
WB LANE								3						
IL 1														
NB LANE							0.25	3						
SUB-TOTAL:							0.5	9	800	150	0	2	0	64
STAGE 2														
IL 141														
141+79.87	13.92	RT					0.25						1	
141+84.72	12.96	RT	TO	148+43.97	3.35	RT					662.5			27
148+48.89	4.28	RT											1	
IL 1														
SB LANE							0.25	3						
SUB-TOTAL:							0.5	3	0	0	662.5	0	2	27
PAY TOTAL:							1	12	800	150	662.5	2	2	91



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	13
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TrianCAD_Sheets\0786-39-ils-sched\ileddjn

PAVEMENT MARKING SCHEDULE															
LOCATION						SHORT TERM PAVEMENT MARKING (1-APPLICATION) (SEE NOTE 1)	SHORT TERM PAVEMENT MARKING REMOVAL (SEE NOTE 1)	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT (1-APPLICATION) (SEE NOTE 2)		TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT (1-APPLICATION) (SEE NOTE 2)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT REMOVAL - WATER BLASTING * (SEE NOTE 2)
								YELLOW	WHITE		YELLOW	WHITE	WHITE		
STATION	TO	STATION	LOCATION	TYPE	LT/RT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	SQ FT
IL 141															
139+18.38	TO	145+03.26	CENTERLINE	SKIP-DASH	LT/RT	53.2	17.7							14	
139+18.38	TO	145+05.07	LANE LINE	SINGLE	RT				591.2			591.2			197.1
139+18.38	TO	145+05.07	LANE LINE	SINGLE	RT	24	8.0								
139+18.38	TO	145+03.26	CENTERLINE	SKIP-DASH	LT/RT			146.2			146.2				48.7
139+56.44	TO	144+93.26	LANE LINE	SINGLE	LT	24	7.9		548.2			548.2			182.7
144+98.92	TO	145+03.26	STOP BAR	SINGLE	RT					22.3			22.3		44.6
145+85.27	TO	145+96.52	STOP BAR	SINGLE	LT					35.5			35.5		71.0
145+85.27	TO	150+63.28	CENTERLINE	SKIP-DASH	LT/RT	43.5	14.5	119.5			119.5			12	39.8
145+97.98	TO	149+61.36	LANE LINE	SINGLE	RT				357.4			357.4			125.1
146+01.41	TO	149+40.18	LANE LINE	SINGLE	LT	12	4.0		341.6			341.6			113.9
145+97.98	TO	149+61.36	LANE LINE	SINGLE	RT	16	5.3								
150+06.63	TO	150+63.28	LANE LINE	SINGLE	LT			56.9				56.9			170.7
SUB-TOTAL:						173	57	323	1838	58	266	1895	58	26	994
IL 1															
250+61.17	TO	252+11.44	LANE LINE	SINGLE	LT				162.8			162.8			54.3
250+61.17	TO	251+48.58	LANE LINE	SINGLE	RT				92.0			92.0			30.7
250+61.17	TO	251+75.02	CENTERLINE	SKIP-DASH	LT/RT	10.4	3.5	28.5			28.5			3	95.3
250+61.17	TO	251+48.58	LANE LINE	SINGLE	RT	4	1.3								
250+61.17	TO	252+11.44	LANE LINE	SINGLE	LT	8	2.6								
251+50.61	TO	251+75.02	STOP BAR	SINGLE	RT					43.6			43.6		87.2
252+27.76	TO	253+92.28	LANE LINE	SINGLE	RT	8	2.7		169.9			169.9			56.6
252+63.74	TO	252+84.86	STOP BAR	SINGLE	LT					40.2			40.2		80.4
252+63.74	TO	253+92.28	CENTERLINE	SKIP-DASH	LT/RT	11.7	3.9	32.1			32.1			3	10.7
252+85.74	TO	253+92.28	LANE LINE	SINGLE	LT	4	1.3								
252+75.74	TO	253+92.28	LANE LINE	SINGLE	LT				112.0			112.0			37.3
SUB-TOTAL:						46	15	61	537	84	61	537	84	6	453
PAY TOTAL:						219	73	2758		142	2758		142	32	1446

* SEE CONFLICTING PAVEMENT MARKING REMOVAL SCHEDULE FOR ADDITIONAL QUANTITY

NOTES:

1. SHORT TERM PAVEMENT MARKING TO BE USED AFTER STAGE 2 TRAFFIC CONTROL IS REMOVED PER ARTICLE 703.04 OF THE STANDARD SPECIFICATIONS.
2. TO BE PLACED ACCORDING TO ARTICLE 703.05 OF THE STANDARD SPECIFICATIONS.

SEEDING SCHEDULE											
LOCATION				SEEDING, CLASS 2A	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	MOWING (SPECIAL)
										2 APPLICATIONS	
STATION	TO	STATION	LT/RT	ACRE	ACRE	POUND	POUND	POUND	SQ YD	POUND	ACRE
STAGE 1											
143+69.79	TO	147+19.24	LT	0.353	0.353	31.8	31.8	31.8	1707.0	70.0	0.353
SUB TOTAL:				0.50	0.50	45.0	45.0	45.0	1707.0	70.0	0.50
STAGE 2											
143+69.79	TO	147+19.24	RT	0.373	0.373	33.6	33.6	33.6	1804.6	74.6	0.373
SUB TOTAL:				0.25	0.25	22.5	22.5	22.5	1805.0	80.0	0.25
PAY TOTAL:				0.75	0.75	68	68	68	3512	150	0.75



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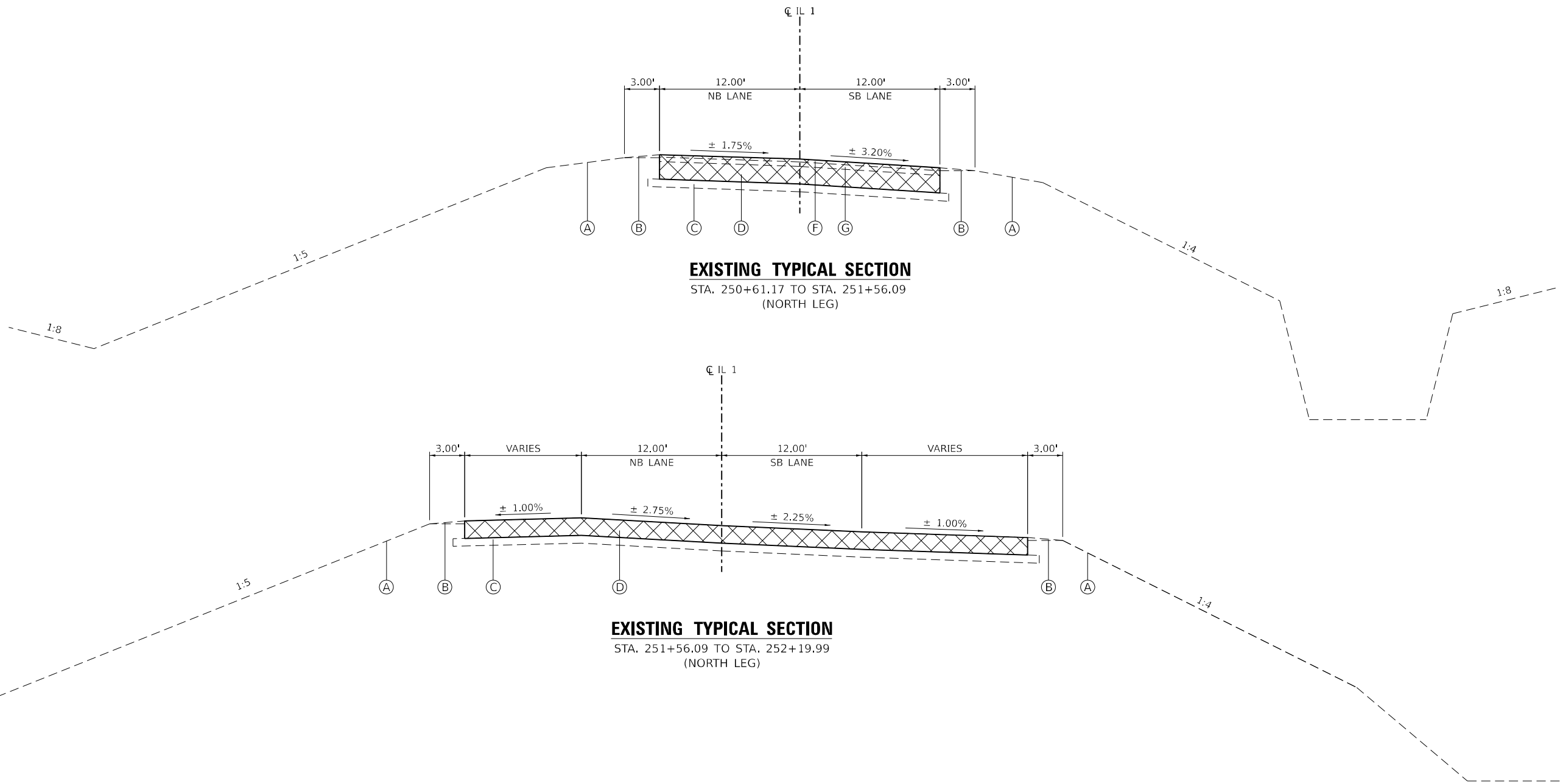
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

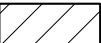
SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)M-1	GALLATIN/ WHITE	83	14
CONTRACT NO. 78A39				
ILLINOIS			FED. AID PROJECT	

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & I-11 Intersection (Phase I & IIM CADD - DWG)\4.7 TwpCAD_Sheets\078639-ils-typical.dgn



TYPICAL SECTION LEGEND

- | | | | | | |
|-----|--|------|--|---|----------------------------|
| (A) | EX. EMBANKMENT | (1) | PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) |  | PR. PAVEMENT REMOVAL |
| (B) | EX. AGGREGATE SHOULDER, TYPE B | (2) | PR. AGGREGATE SUBGRADE IMPROVEMENT 12" | | |
| (C) | EX. SUBBASE GRANUALR MATERIAL, TYPE A 4" | (3) | PR. PORTLAND CEMENT CONCRETE SHOULDERS 9" | | |
| (D) | EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9" | (4) | PR. AGGREGATE WEDGE SHOULDER, TYPE B | | |
| (E) | EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2" | (5) | PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | | |
| (F) | EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" | (6) | PR. EMBANKMENT |  | PR. PAVED SHOULDER REMOVAL |
| (G) | EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4" | (7) | PR. STABILIZED SUBBASE 4" | | |
| (H) | EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4" | (8) | PR. NO. 6 X 30" TIE BARS AT 36" CNTRS | | |
| (I) | EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2" | (9) | PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9" | | |
| (J) | EX. HOT-MIX ASPHALT SHOULDERS | (10) | PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT | | |
| (K) | EX. WIDENING | | | | |



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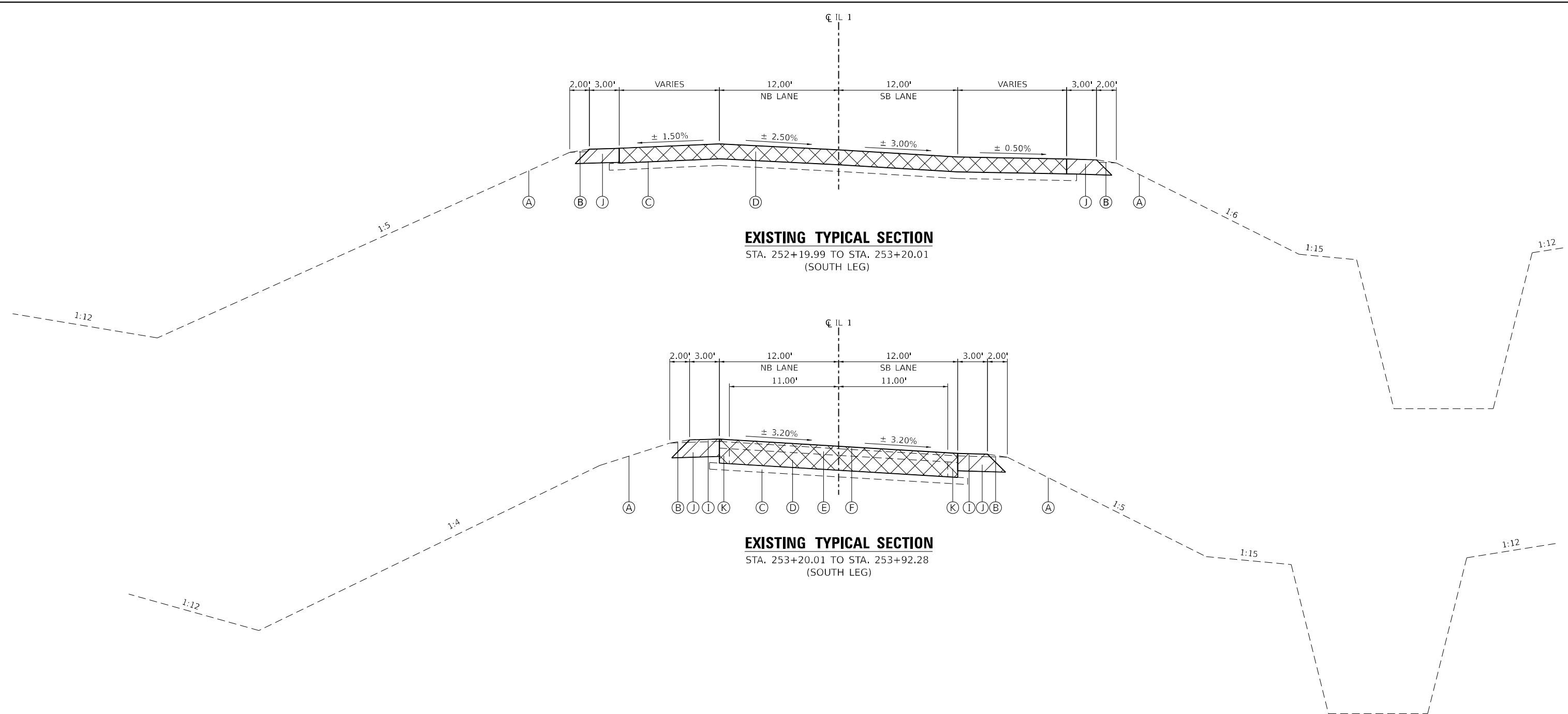
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
IL ROUTE 1

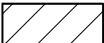
SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	15
CONTRACT NO. 78A39				
ILLINOIS			FED. AID PROJECT	

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & I-11 Intersection (Phase I & I-11) CAD - DWG\4.7 TwpCAD_Sheets\078639-ils-typical.dgn



TYPICAL SECTION LEGEND

(A)	EX. EMBANKMENT	(1)	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)		PR. PAVEMENT REMOVAL
(B)	EX. AGGREGATE SHOULDER, TYPE B	(2)	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"		
(C)	EX. SUBBASE GRANUALR MATERIAL, TYPE A 4"	(3)	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"		
(D)	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	(4)	PR. AGGREGATE WEDGE SHOULDER, TYPE B		
(E)	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	(5)	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		
(F)	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	(6)	PR. EMBANKMENT		
(G)	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	(7)	PR. STABILIZED SUBBASE 4"		PR. PAVED SHOULDER REMOVAL
(H)	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	(8)	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS		
(I)	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	(9)	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"		
(J)	EX. HOT-MIX ASPHALT SHOULDERS	(10)	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT		
(K)	EX. WIDENING				



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REVISED -
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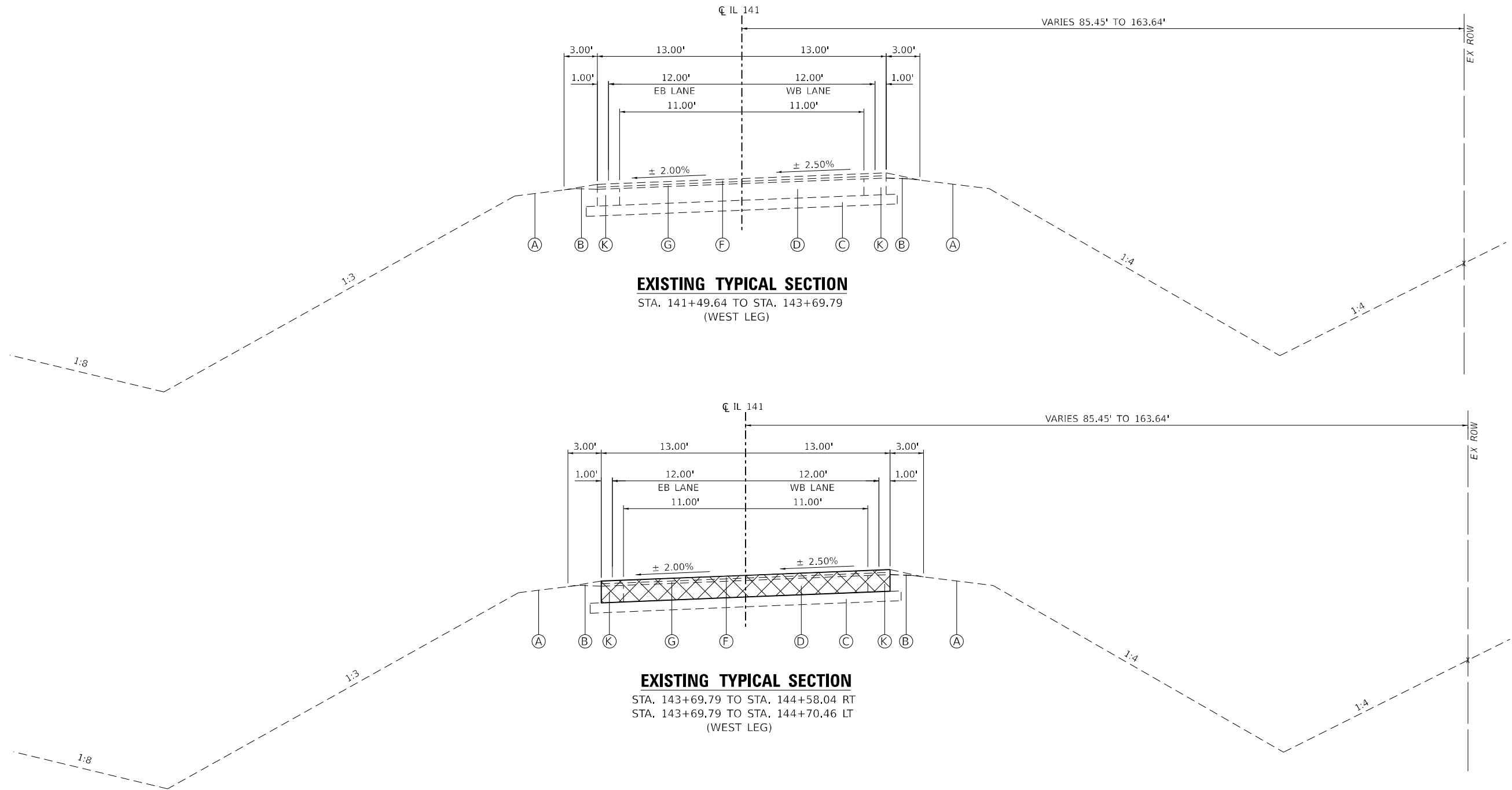
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
IL ROUTE 1**

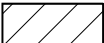
SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	16
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TranCAD Sheets\078A39-ils-typical.dgn



TYPICAL SECTION LEGEND

(A)	EX. EMBANKMENT	(1)	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)		PR. PAVEMENT REMOVAL
(B)	EX. AGGREGATE SHOULDER, TYPE B	(2)	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"		
(C)	EX. SUBBASE GRANUALR MATERIAL, TYPE A 4"	(3)	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"		
(D)	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	(4)	PR. AGGREGATE WEDGE SHOULDER, TYPE B		
(E)	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	(5)	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		
(F)	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	(6)	PR. EMBANKMENT		PR. PAVED SHOULDER REMOVAL
(G)	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	(7)	PR. STABILIZED SUBBASE 4"		
(H)	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	(8)	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS		
(I)	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	(9)	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"		
(J)	EX. HOT-MIX ASPHALT SHOULDERS	(10)	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT		
(K)	EX. WIDENING				



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jtrebilcock
PLOT SCALE = 10,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

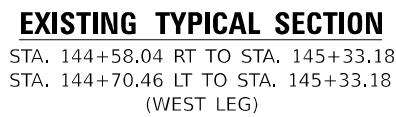
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REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

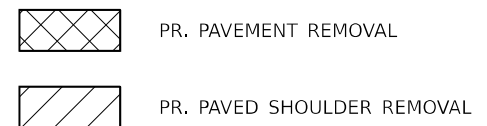
**EXISTING TYPICAL SECTIONS
IL ROUTE 141**

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

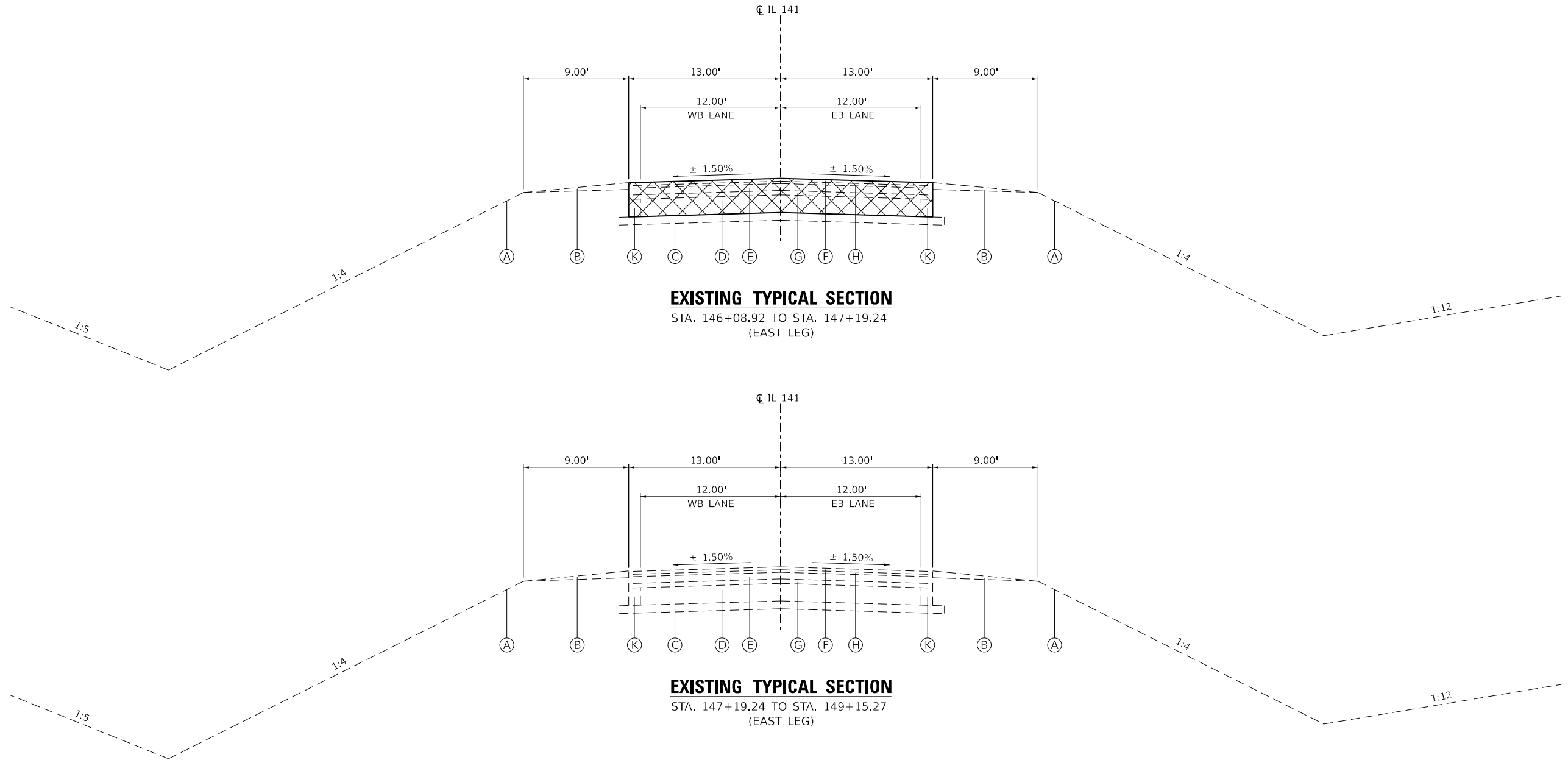
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	17
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

[illegible]

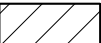
(A)	EX. EMBANKMENT	(1)	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
(B)	EX. AGGREGATE SHOULDER, TYPE B	(2)	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
(C)	EX. SUBBASE GRANULAR MATERIAL, TYPE A 4"	(3)	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"
(D)	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	(4)	PR. AGGREGATE WEDGE SHOULDER, TYPE B
(E)	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	(5)	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(F)	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	(6)	PR. EMBANKMENT
(G)	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	(7)	PR. STABILIZED SUBBASE 4"
(H)	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	(8)	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS
(I)	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	(9)	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"
(J)	EX. HOT-MIX ASPHALT SHOULDERS	(10)	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT
(K)	EX. WIDENING		



MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TranCAD Sheets\0786C-09-ils-typical.dgn



TYPICAL SECTION LEGEND

(A)	EX. EMBANKMENT	(1)	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)		PR. PAVEMENT REMOVAL
(B)	EX. AGGREGATE SHOULDER, TYPE B	(2)	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"		
(C)	EX. SUBBASE GRANUALR MATERIAL, TYPE A 4"	(3)	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"		
(D)	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	(4)	PR. AGGREGATE WEDGE SHOULDER, TYPE B		
(E)	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	(5)	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		
(F)	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	(6)	PR. EMBANKMENT		PR. PAVED SHOULDER REMOVAL
(G)	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	(7)	PR. STABILIZED SUBBASE 4"		
(H)	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	(8)	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS		
(I)	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	(9)	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"		
(J)	EX. HOT-MIX ASPHALT SHOULDERS	(10)	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT		
(K)	EX. WIDENING				



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LICENSE NO:
184-001220

USER NAME = jtrebilcock
PLOT SCALE = 10,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

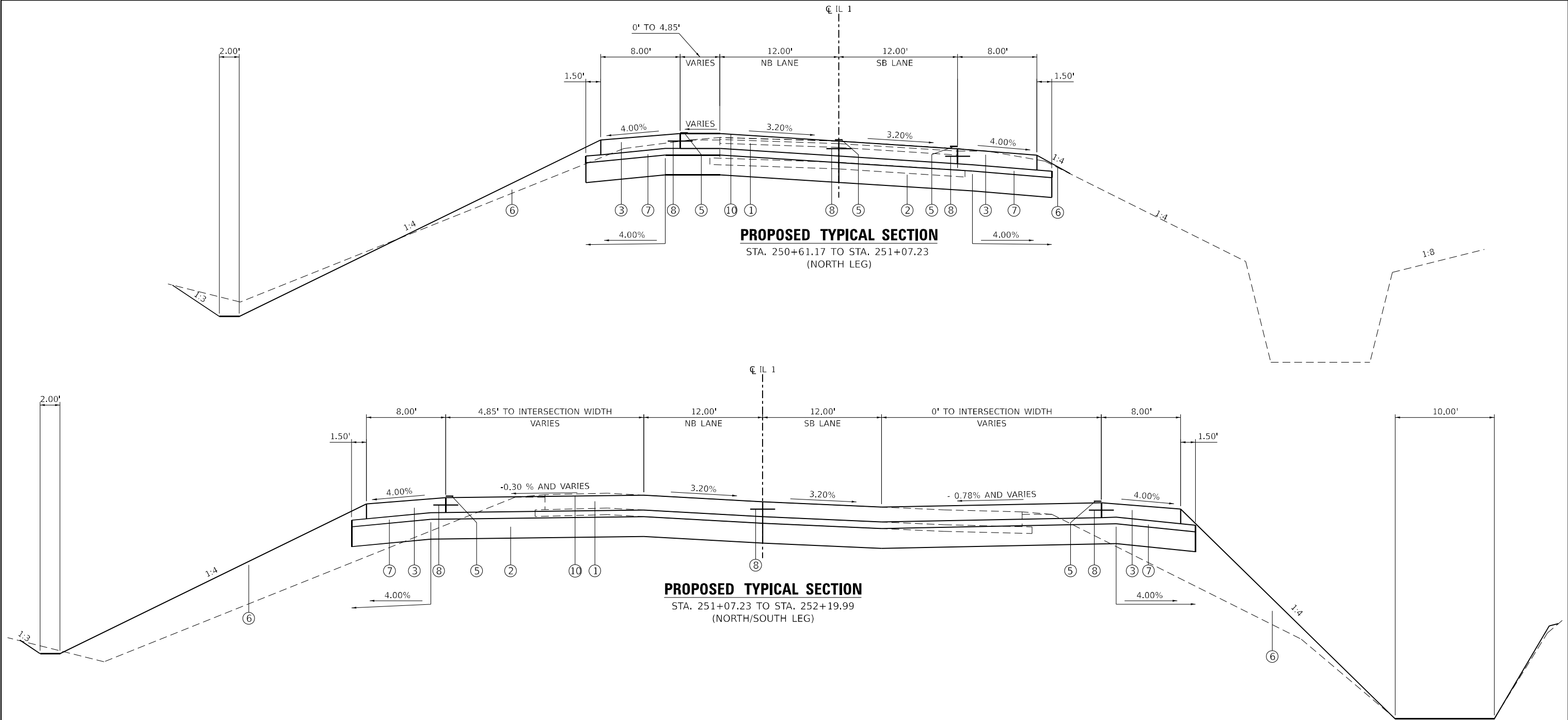
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
IL ROUTE 141**

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

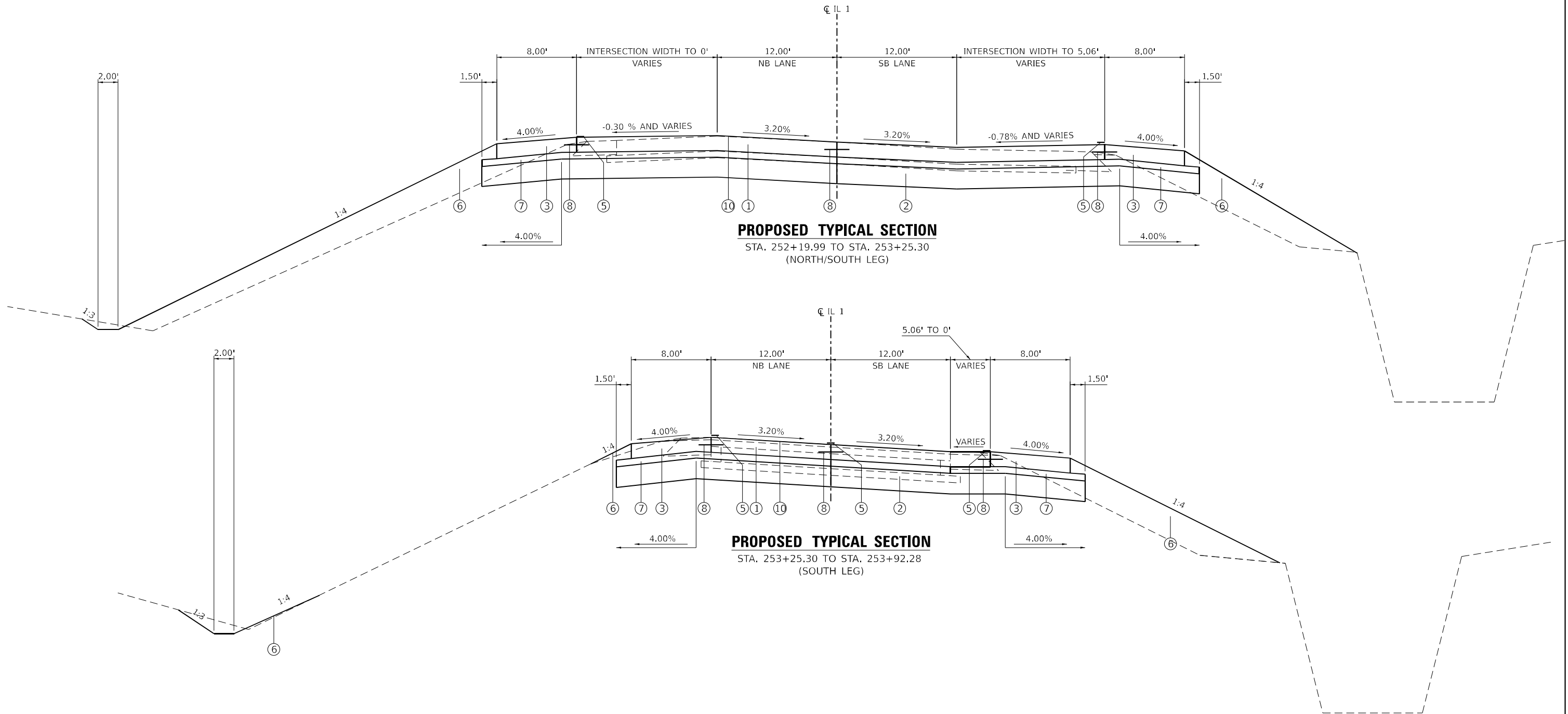
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	19
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION LEGEND

- | | | | |
|-----|--|------|--|
| (A) | EX. EMBANKMENT | (1) | PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) |
| (B) | EX. AGGREGATE SHOULDER, TYPE B | (2) | PR. AGGREGATE SUBGRADE IMPROVEMENT 12" |
| (C) | EX. SUBBASE GRANUALR MATERIAL, TYPE A 4" | (3) | PR. PORTLAND CEMENT CONCRETE SHOULDERS 9" |
| (D) | EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9" | (4) | PR. AGGREGATE WEDGE SHOULDER, TYPE B |
| (E) | EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2" | (5) | PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4" |
| (F) | EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" | (6) | PR. EMBANKMENT |
| (G) | EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4" | (7) | PR. STABILIZED SUBBASE 4" |
| (H) | EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4" | (8) | PR. NO. 6 X 30" TIE BARS AT 36" CNTRS |
| (I) | EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2" | (9) | PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9" |
| (J) | EX. HOT-MIX ASPHALT SHOULDERS | (10) | PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT |
| (K) | EX. WIDENING | | |

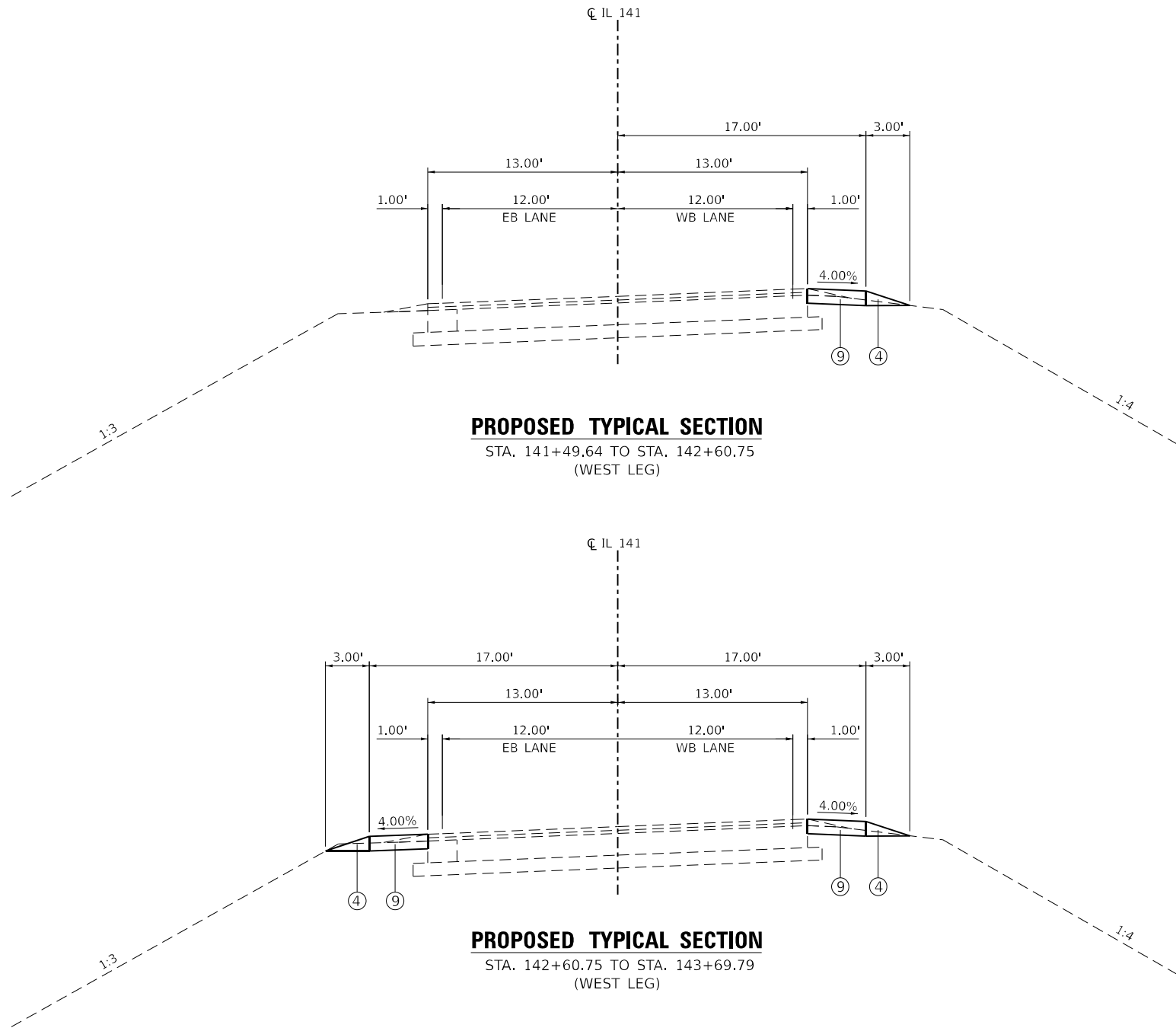
STRUCTURAL DESIGN TRAFFIC: YEAR: 2035
PV = 3,349 SU = 172 MU = 459
ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS: II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 2.84 MINIMUM TF = 4.59
SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 143+69.79 TO 147+19.24) IL 141
(STA. 250+61.17 TO 253+92.28) IL 1



TYPICAL SECTION LEGEND

- | | | | |
|-----|--|------|--|
| (A) | EX. EMBANKMENT | (1) | PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) |
| (B) | EX. AGGREGATE SHOULDER, TYPE B | (2) | PR. AGGREGATE SUBGRADE IMPROVEMENT 12" |
| (C) | EX. SUBBASE GRANUALR MATERIAL, TYPE A 4" | (3) | PR. PORTLAND CEMENT CONCRETE SHOULDERS 9" |
| (D) | EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9" | (4) | PR. AGGREGATE WEDGE SHOULDER, TYPE B |
| (E) | EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2" | (5) | PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4" |
| (F) | EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" | (6) | PR. EMBANKMENT |
| (G) | EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4" | (7) | PR. STABILIZED SUBBASE 4" |
| (H) | EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4" | (8) | PR. NO. 6 X 30" TIE BARS AT 36" CNTRS |
| (I) | EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2" | (9) | PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9" |
| (J) | EX. HOT-MIX ASPHALT SHOULDERS | (10) | PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT |
| (K) | EX. WIDENING | | |

STRUCTURAL DESIGN TRAFFIC: YEAR: 2035
PV = 3,349 SU = 172 MU = 459
ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS: II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 2.84 MINIMUM TF = 4.59
SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 143+69.79 TO 147+19.24) IL 141
(STA. 250+61.17 TO 253+92.28) IL 1



TYPICAL SECTION LEGEND

- | | | | |
|-----|--|------|--|
| (A) | EX. EMBANKMENT | (1) | PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) |
| (B) | EX. AGGREGATE SHOULDER, TYPE B | (2) | PR. AGGREGATE SUBGRADE IMPROVEMENT 12" |
| (C) | EX. SUBBASE GRANUALR MATERIAL, TYPE A 4" | (3) | PR. PORTLAND CEMENT CONCRETE SHOULDERS 9" |
| (D) | EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9" | (4) | PR. AGGREGATE WEDGE SHOULDER, TYPE B |
| (E) | EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2" | (5) | PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4" |
| (F) | EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" | (6) | PR. EMBANKMENT |
| (G) | EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4" | (7) | PR. STABILIZED SUBBASE 4" |
| (H) | EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4" | (8) | PR. NO. 6 X 30" TIE BARS AT 36" CNTRS |
| (I) | EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2" | (9) | PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9" |
| (J) | EX. HOT-MIX ASPHALT SHOULDERS | (10) | PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT |
| (K) | EX. WIDENING | | |

STRUCTURAL DESIGN TRAFFIC: YEAR: 2035
PV = 3,349 SU = 172 MU = 459
ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS: II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 2.84 MINIMUM TF = 4.59
SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 143+69.79 TO 147+19.24) IL 141
(STA. 250+61.17 TO 253+92.28) IL 1

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CAD - DWG\4.7 TrianCAD_Sheets\078A39-1b1typical.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jtrebilcock
PLOT SCALE = 10,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

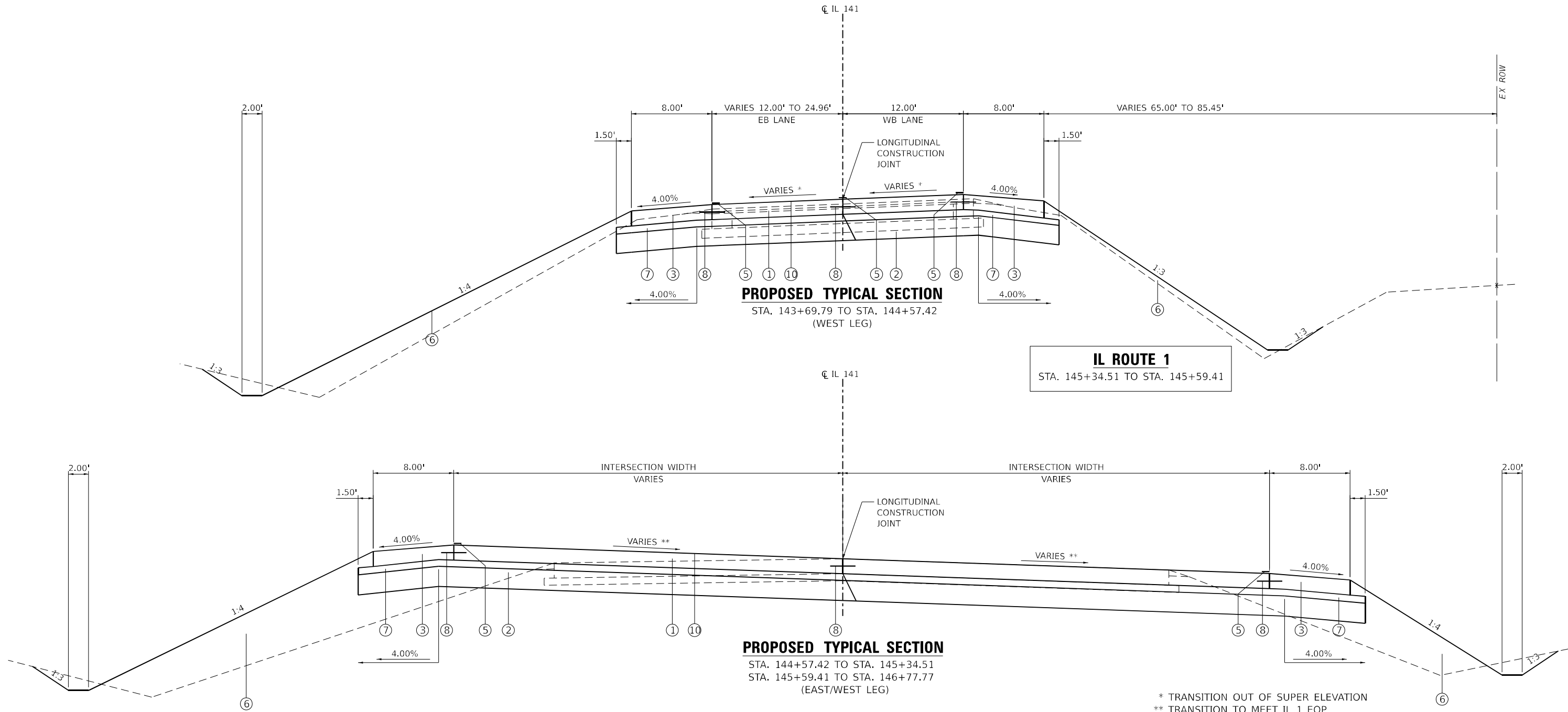
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
IL ROUTE 141

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	22
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & I-171 Intersection (Phase I & II) CAD - DWG\4.7 TwpCAD_Sheets\078A39-11b.txd
DATE: 3/20/2025



TYPICAL SECTION LEGEND

(A)	EX. EMBANKMENT	(1)	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
(B)	EX. AGGREGATE SHOULDER, TYPE B	(2)	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
(C)	EX. SUBBASE GRANULAR MATERIAL, TYPE A 4"	(3)	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"
(D)	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	(4)	PR. AGGREGATE WEDGE SHOULDER, TYPE B
(E)	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	(5)	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(F)	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	(6)	PR. EMBANKMENT
(G)	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	(7)	PR. STABILIZED SUBBASE 4"
(H)	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	(8)	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS
(I)	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	(9)	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"
(J)	EX. HOT-MIX ASPHALT SHOULDERS	(10)	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT
(K)	EX. WIDENING		

STRUCTURAL DESIGN TRAFFIC: YEAR: 2035
PV = 3,349 SU = 172 MU = 459
ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS: II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 2.84 MINIMUM TF = 4.59
SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 143+69.79 TO 147+19.24) IL 141
(STA. 250+61.17 TO 253+92.28) IL 1



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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = jtrebilcock
PLOT SCALE = 10,000' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

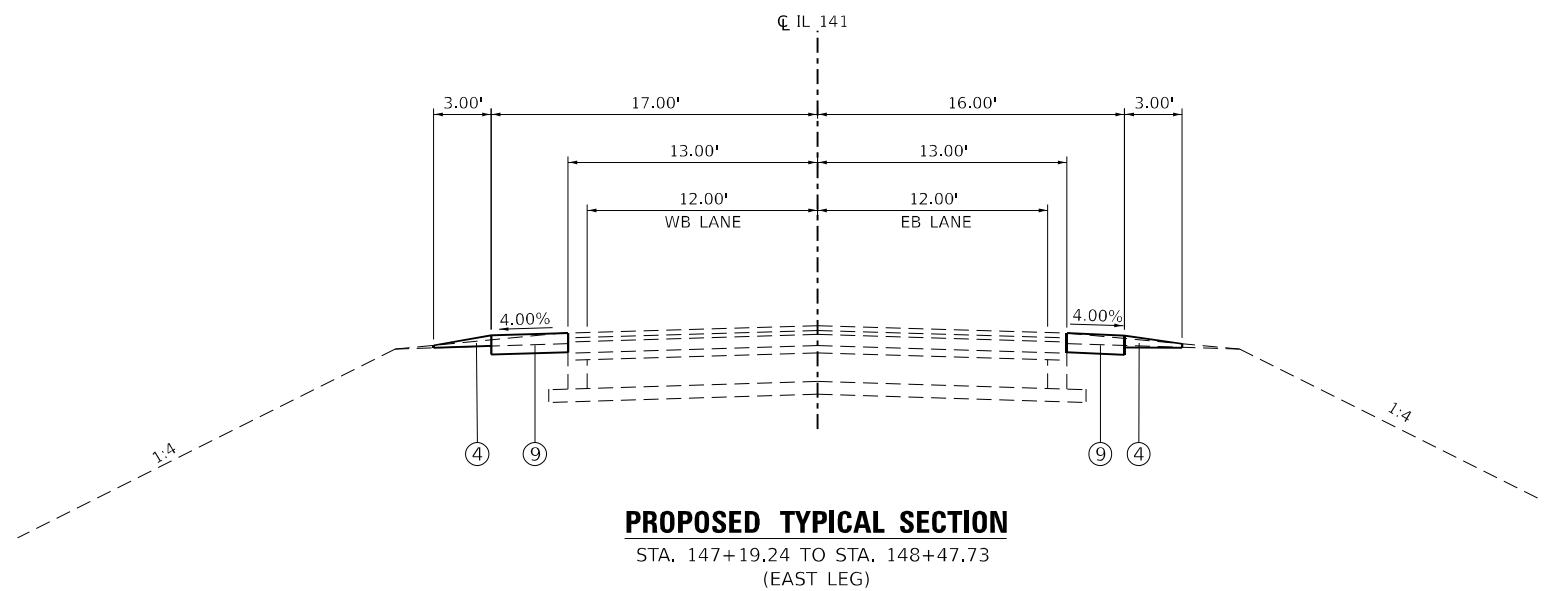
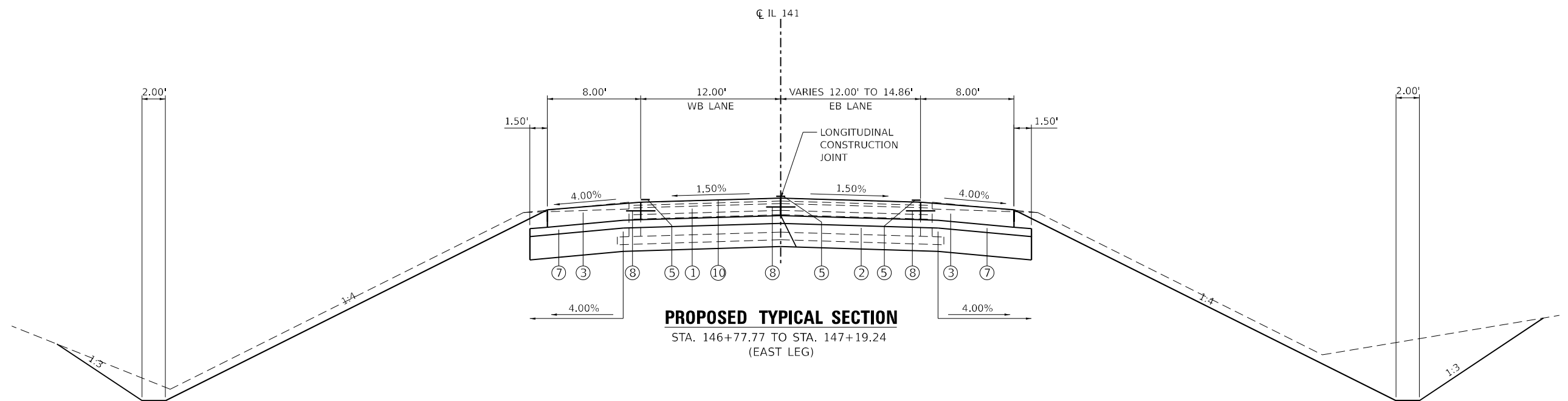
REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
IL ROUTE 141

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	23
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

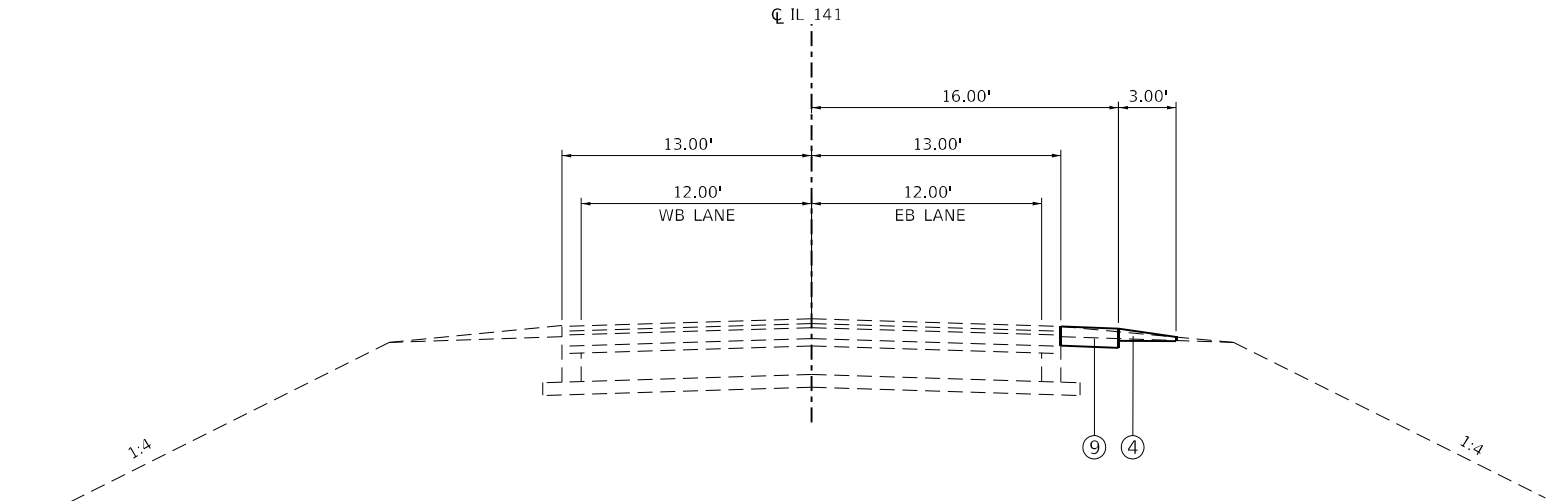


TYPICAL SECTION LEGEND

(A)	EX. EMBANKMENT	(1)	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
(B)	EX. AGGREGATE SHOULDER, TYPE B	(2)	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
(C)	EX. SUBBASE GRANULAR MATERIAL, TYPE A 4"	(3)	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"
(D)	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	(4)	PR. AGGREGATE WEDGE SHOULDER, TYPE B
(E)	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	(5)	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(F)	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	(6)	PR. EMBANKMENT
(G)	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	(7)	PR. STABILIZED SUBBASE 4"
(H)	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	(8)	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS
(I)	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	(9)	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"
(J)	EX. HOT-MIX ASPHALT SHOULDERS	(10)	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT
(K)	EX. WIDENING		

STRUCTURAL DESIGN TRAFFIC: YEAR: 2035
 PV = 3,349 SU = 172 MU = 459
 ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS: II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 50% S = 50% M = 50%
 TRAFFIC FACTOR: ACTUAL TF = 2.84 MINIMUM TF = 4.59

SUBGRADE SUPPORT RATING:
 SSR = POOR (STA. 143+69.79 TO 147+19.24) IL 141
 (STA. 250+61.17 TO 253+92.28) IL 1



PROPOSED TYPICAL SECTION
STA. 148+47.73 TO STA. 149+15.27
(EAST LEG)

TYPICAL SECTION LEGEND

Ⓐ	EX. EMBANKMENT	①	PR. PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
Ⓑ	EX. AGGREGATE SHOULDER, TYPE B	②	PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
Ⓒ	EX. SUBBASE GRANUALR MATERIAL, TYPE A 4"	③	PR. PORTLAND CEMENT CONCRETE SHOULDERS 9"
Ⓓ	EX. PORTLAND CEMENT CONCRETE PAVEMENT, 9"	④	PR. AGGREGATE WEDGE SHOULDER, TYPE B
Ⓔ	EX. HOT-MIX ASPHALT SURFACE COURSE, 3 1/2"	⑤	PR. MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
Ⓕ	EX. HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"	⑥	PR. EMBANKMENT
Ⓖ	EX. HOT-MIX ASPHALT BINDER COURSE, 2 1/4"	⑦	PR. STABILIZED SUBBASE 4"
Ⓗ	EX. HOT-MIX ASPHALT BINDER COURSE, 1 1/4"	⑧	PR. NO. 6 X 30" TIE BARS AT 36" CNTRS
Ⓘ	EX. HOT-MIX ASPHALT SHOULDERS, 1 1/2"	⑨	PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"
Ⓙ	EX. HOT-MIX ASPHALT SHOULDERS	⑩	PR. PROFILE DIAMOND GRINDING CONCRETE PAVEMENT
Ⓚ	EX. WIDENING		

STRUCTURAL DESIGN TRAFFIC: YEAR: 2035
PV = 3,349 SU = 172 MU = 459
ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS: II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 2.84 MINIMUM TF = 4.59

SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 143+69.79 TO 147+19.24) IL 141
(STA. 250+61.17 TO 253+92.28) IL 1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
IL ROUTE 141

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	25
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CAD - DWG\4.7 TwpCAD_Sheets\078A39-IL1Typical.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jtrebilcock

PLOT SCALE = 10,000 ' / in.
PLOT DATE = 3/20/2025

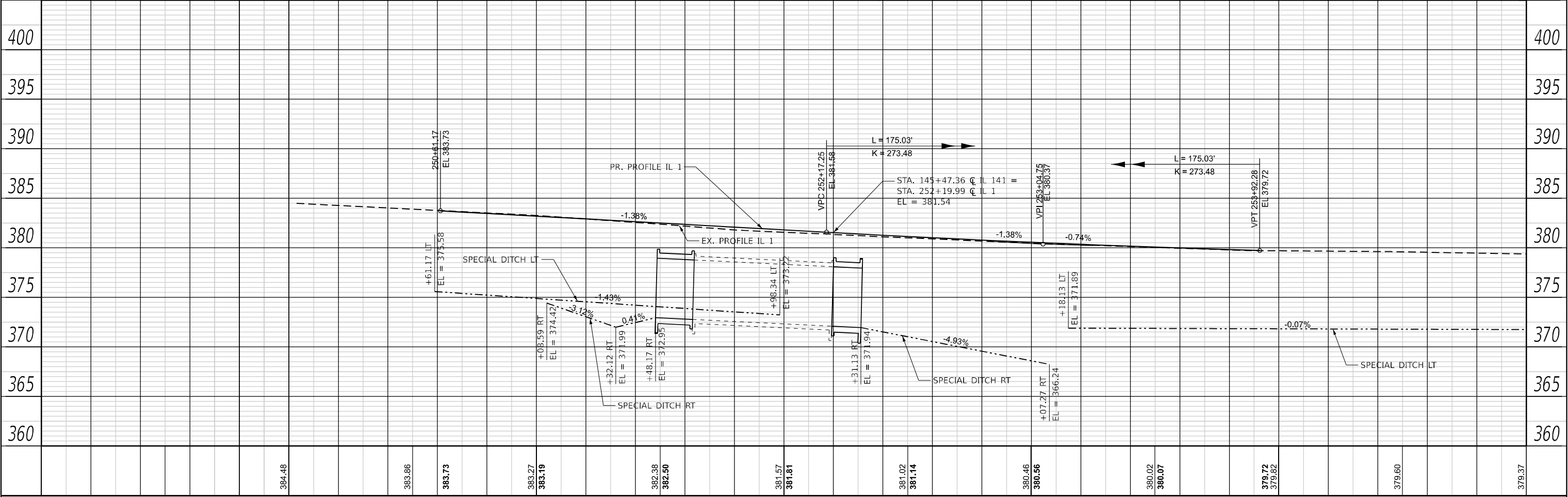
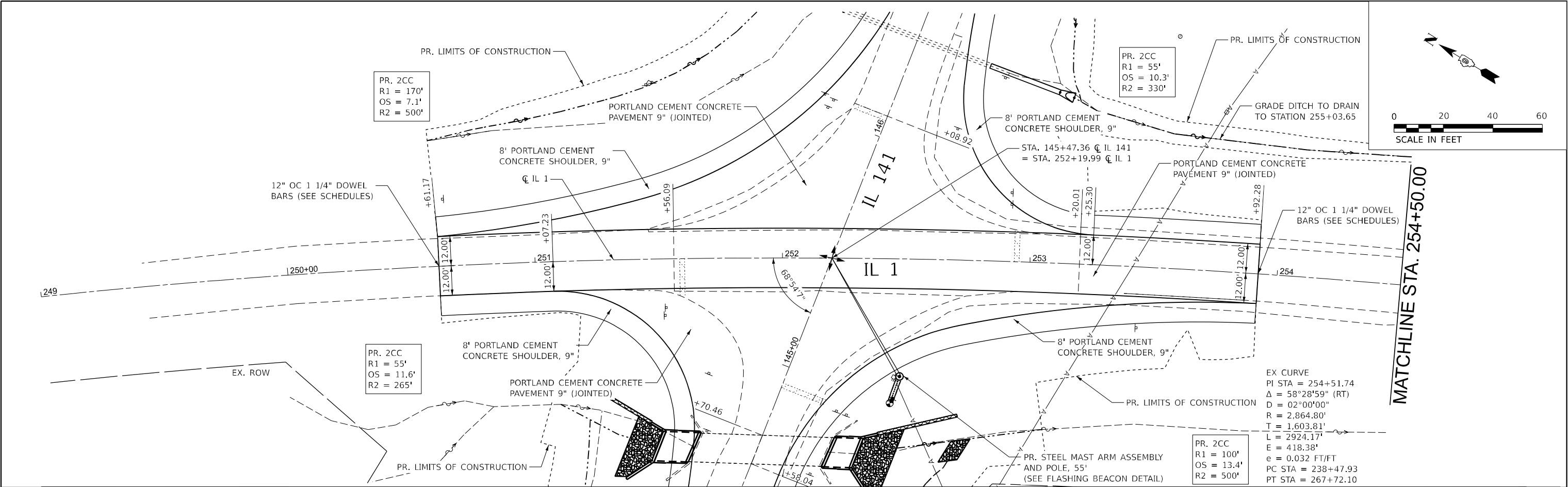
DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
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REVISED -

PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
NOTE BOOK	ALIGNED	CHECKED	
	STRUCTURE	NOTES	CIPKD

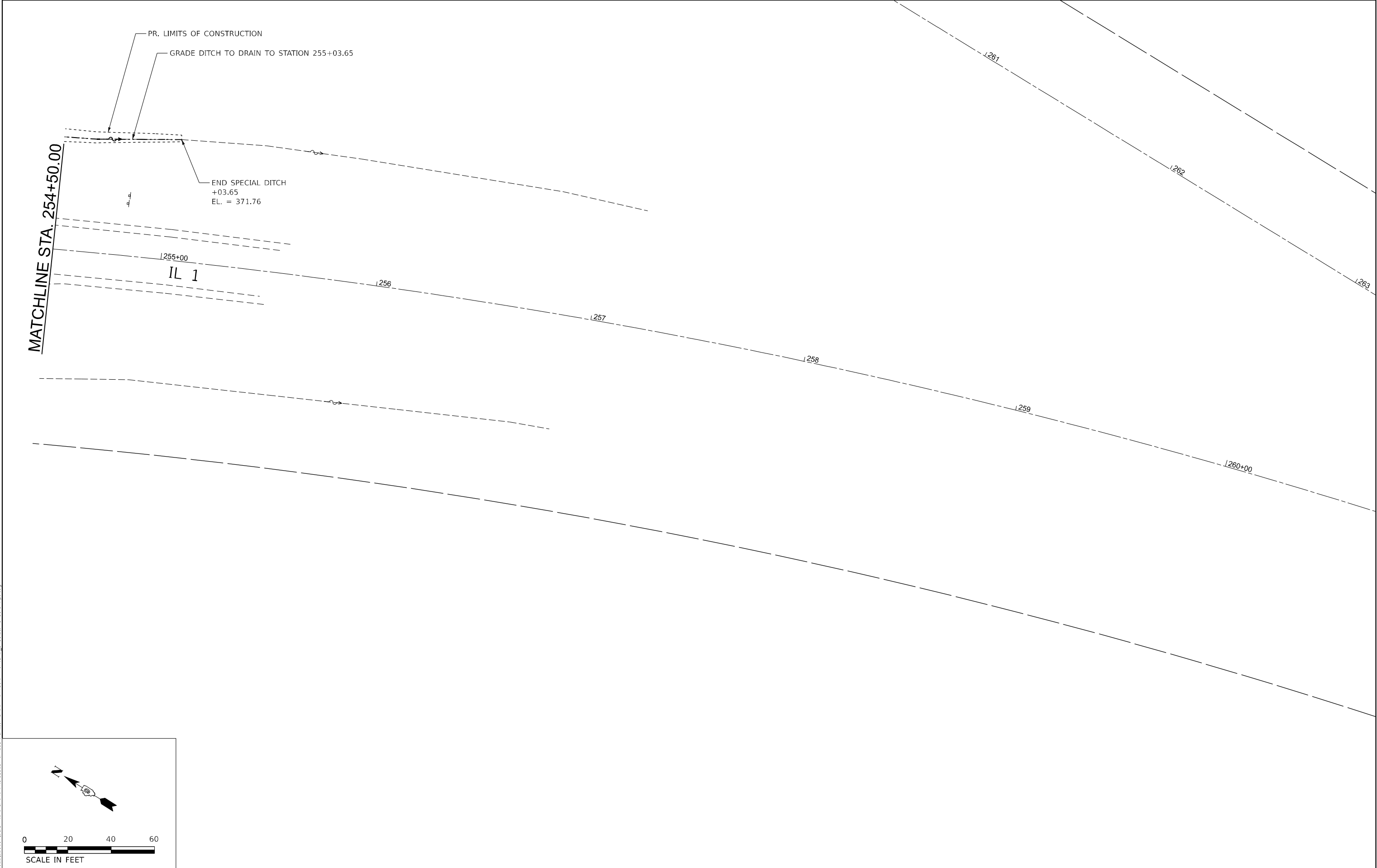
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NO.	PLOTTED		
NOTE BOOK	GRADES	CHECKED	
	STRUCTURE	NOTES	CIPKD

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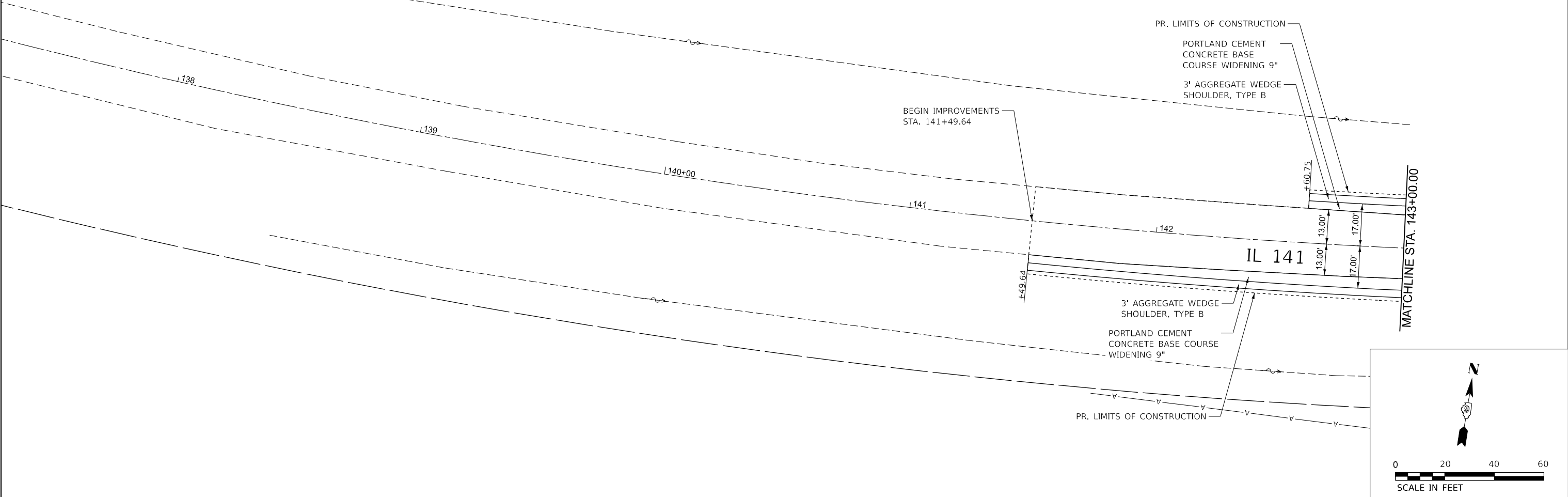
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TWM ENGINEERING GEOSPATIAL SERVICES TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220		USER NAME = jtrebilcock		DESIGNED - TBP		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE IL 1 SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 250+61.17 TO STA. 254+50.00 F.A.P. RTE. 782/877 SECTION (110,101)N-1 COUNTY GALLATIN/WHITE TOTAL SHEETS 83 SHEET NO. 26 CONTRACT NO. 78A39 ILLINOIS FED. AID PROJECT																	
		PLOT SCALE = 40,00000000 ' / in.		DRAWN - JRT		REVISED -																			
		CHECKED -		REVISED -																					
		PLOT DATE = 3/20/2025		DATE -		REVISED -																			

MODEL IL 1 Plan Sheet 1
FILE NAME: P:\2022\2019\B6C - IL 1 & 141 Intersection (Phase 1 & 141 CADD - DWG)\4.7 TentCAD_Sheets\B6C39-IL1.dgn



 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220 ENGINEERING GEOSPATIAL SERVICES	USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN IL 1					F.A.P. RTE. 782/ 877	SECTION (110,101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 27
	PLOT SCALE = 40,000 ' / in.	DRAWN - JRT	REVISED -							CONTRACT NO. 78A39				
	PLOT DATE = 3/20/2025	CHECKED -	REVISED -		SCALE: 1" = 20'					SHEET 2 OF 2 SHEETS STA. 254+50.00 TO STA. 255+03.65				
		DATE -	REVISED -											

MODEL IL 141 Plan Sheet 1
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CADD - DWG\4.7 Twp\CAD_Sheets\078639-141-01.dgn



 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN IL 141					F.A.P. RTE. 782/877	SECTION (110,101)N-1	COUNTY GALLATIN/WHITE	TOTAL SHEETS 83	SHEET NO. 28
	DRAWN - JRT	REVISED -												
	PLOT SCALE = 40,000 ' / in.	CHECKED -	REVISED -		SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 141+49.64 TO STA. 149+15.27									
	PLOT DATE = 3/20/2025	DATE -	REVISED -											
												CONTRACT NO. 78A39		
										ILLINOIS FED.AID PROJECT				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	ALIGNED	CHECKED
	NO.	NO.
		CADD FILE NAME

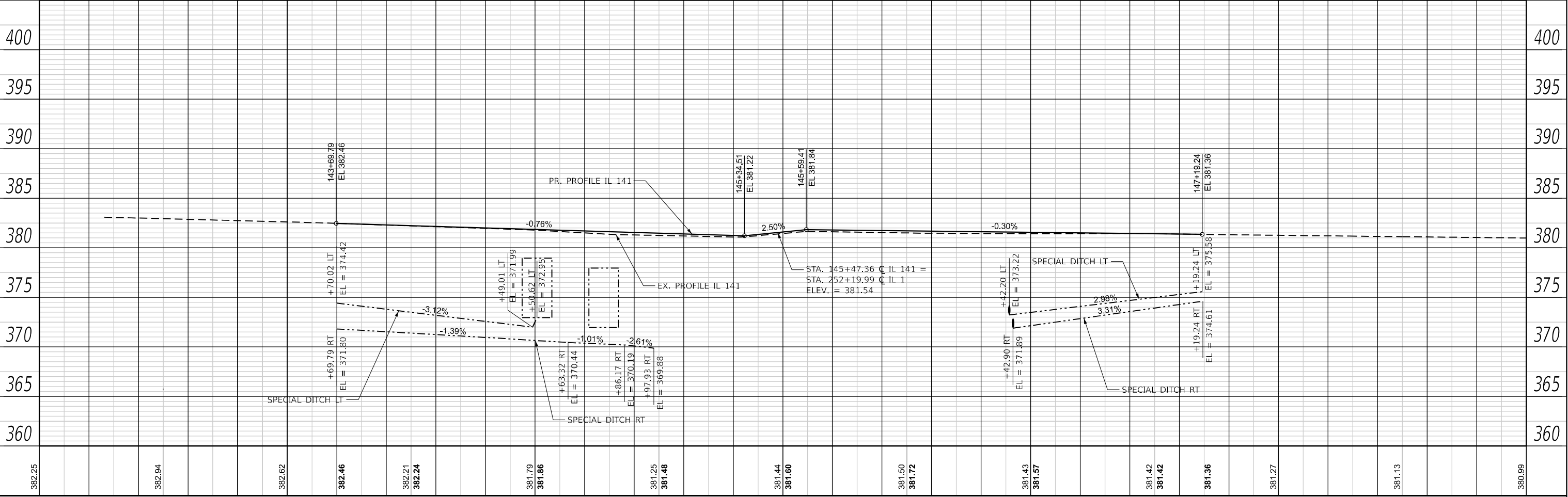
PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	ALIGNED	CHECKED
	NO.	NO.
		STRUCTURE
		NOTATION

EX CURVE
PI STA = 140+98.56
 Δ = 15°19'29" (LT)
D = 02°00'59"
R = 2,841.46'
T = 382.28'
L = 760.00'
E = 25.60'
e = 0.032 FT/FT
PC STA = 137+16.28
PT STA = 144+76.28

PR. 2CC
R1 = 55'
OS = 11.6'
R2 = 265'

PR. 2CC
R1 = 170'
OS = 7.1'
R2 = 500'

PR. 2CC
R1 = 55'
OS = 10.3'
R2 = 330'



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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = jtrebilcock
PLOT SCALE = 40,000,000.000 * / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
IL 141

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 143+00.00 TO STA. 148+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)M-1	GALLATIN/WHITE	83	29
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TentCAD Sheets\078639-shd1-Stage1-Sequence of Construction.dgn

SUGGESTED STAGE CONSTRUCTION SEQUENCE
FOR CONSTRUCTION PRE-STAGE A

BOX CULVERT EXTENSION (SN 097-7012)

1. SEE PRE-STAGE A TYPICAL SHEET FOR TRAFFIC CONTROL.
2. EXTEND THE EXISTING BOX CULVERT AT STATION 144+64.26 ON BOTH SIDES OF THE CULVERT AS SHOWN IN THE CULVERT EXTENSION DETAILS.
3. PROVIDE GRADING AROUND THE PROPOSED BOX CULVERT EXTENSIONS, WING WALLS, AND PERMANENT SHEET PILING FOR PRE-STAGE B CONSTRUCTION.
4. PROVIDE GRADING NECESSARY TO ALLOW THE CULVERT TO DRAIN PROPERLY UNTIL FURTHER PHASES.
5. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

SUGGESTED STAGE CONSTRUCTION SEQUENCE
FOR CONSTRUCTION PRE-STAGE B

PAVEMENT WIDENING

1. SEE PRE-STAGE B TYPICALS SHEET FOR TRAFFIC CONTROL.
2. WIDEN EB IL 141 ACCORDING TO PRE-STAGE A DETAILS.
3. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

SUGGESTED STAGE CONSTRUCTION SEQUENCE
FOR CONSTRUCTION STAGE 1

RECONSTRUCTION OF INTERSECTION (NORTH SIDE)

1. ERECT DETOUR FOR STAGE 1.
2. ERECT WIDTH RESTRICTION SIGNING.
3. ERECT WORK ZONE TRAFFIC CONTROL FOR STAGE 1.
4. THE WESTBOUND LANE OF IL 141 AND THE NORTH LEG OF IL 1 ARE CLOSED TO TRAFFIC. COUNTY ROAD 375 E IS TO REMAIN OPEN.
5. RECONSTRUCT NORTH HALF OF THE PROPOSED INTERSECTION ACCORDING TO STAGE 1 DETAILS.
6. WIDEN WB IL 141 ACCORDING TO STAGE 1 DETAILS.
7. EXTEND EXISTING CULVERT AT STA. 146+42.75 ON NORTH SIDE ONLY.
8. FINAL GRADING AND ITEMS RELATED TO RIPRAP AND PERMANENT SEEDING ON THE NORTH HALF OF THE INTERSECTION.
9. REMOVE TRAFFIC CONTROL RELATED TO STAGE 1.
10. FIVE DAYS OF CONSTRUCTION LANE RENTAL WILL BE ALLOWED FOR STAGE 1.

SUGGESTED STAGE CONSTRUCTION SEQUENCE
FOR CONSTRUCTION STAGE 2

RECONSTRUCTION OF INTERSECTION (SOUTH SIDE)

1. ERECT DETOUR FOR STAGE 2.
2. ERECT WORK ZONE TRAFFIC CONTROL FOR STAGE 2.
3. THE EASTBOUND LANE OF IL 141 AND THE SOUTH LEG OF IL 1 ARE CLOSED TO TRAFFIC. COUNTY ROAD 375 E IS TO REMAIN OPEN.
4. RECONSTRUCT SOUTH HALF OF THE PROPOSED INTERSECTION ACCORDING TO STAGE 2 DETAILS.
5. EXTEND EXISTING CULVERT AT STA. 146+42.75 ON THE SOUTH SIDE.
6. FINAL GRADING AND ITEMS RELATED TO RIPRAP AND PERMANENT SEEDING ON THE SOUTH HALF OF THE INTERSECTION.
7. ERECT SIGNING.
8. ERECT FLASHING BEACON.
9. REMOVE TRAFFIC CONTROL RELATED TO STAGE 2.
10. FIVE DAYS OF CONSTRUCTION LANE RENTAL WILL BE ALLOWED FOR STAGE 2.



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jtrebilcock	DESIGNED - TBP
	DRAWN - JRT
PLOT SCALE = 40,000 ' / in.	CHECKED -
PLOT DATE = 3/20/2025	DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE CONSTRUCTION SEQUENCE

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

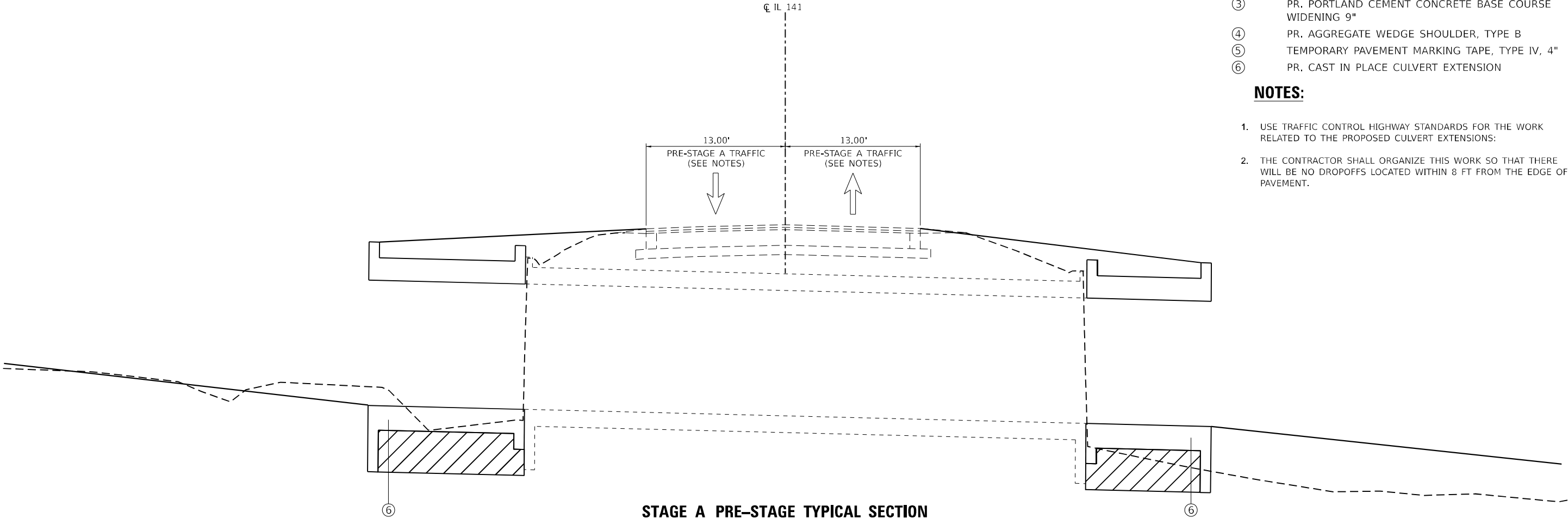
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782/877	(110,101)N-1	GALLATIN/WHITE	83	30
CONTRACT NO. 78A39				
ILLINOIS			FED. AID PROJECT	

STAGE CONSTRUCTION LEGEND

- ① TEMPORARY CONCRETE BARRIER (PINNED)
- ② TEMPORARY CONCRETE BARRIER
- ③ PR. PORTLAND CEMENT CONCRETE BASE COURSE
WIDENING 9"
- ④ PR. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4"
- ⑥ PR. CAST IN PLACE CULVERT EXTENSION

NOTES:

1. USE TRAFFIC CONTROL HIGHWAY STANDARDS FOR THE WORK RELATED TO THE PROPOSED CULVERT EXTENSIONS:
2. THE CONTRACTOR SHALL ORGANIZE THIS WORK SO THAT THERE WILL BE NO DROPOFFS LOCATED WITHIN 8 FT FROM THE EDGE OF PAVEMENT.



LEGEND



ROCK FILL - FOUNDATION



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IL DESIGN FIR
LICENSE NO:
184-001220

USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 10,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PRE-STAGE A TYPICAL SECTION
IL ROUTE 141**

SCALE: N.T.S.	SHEET 1	OF 1	SHEETS	STA	TO STA
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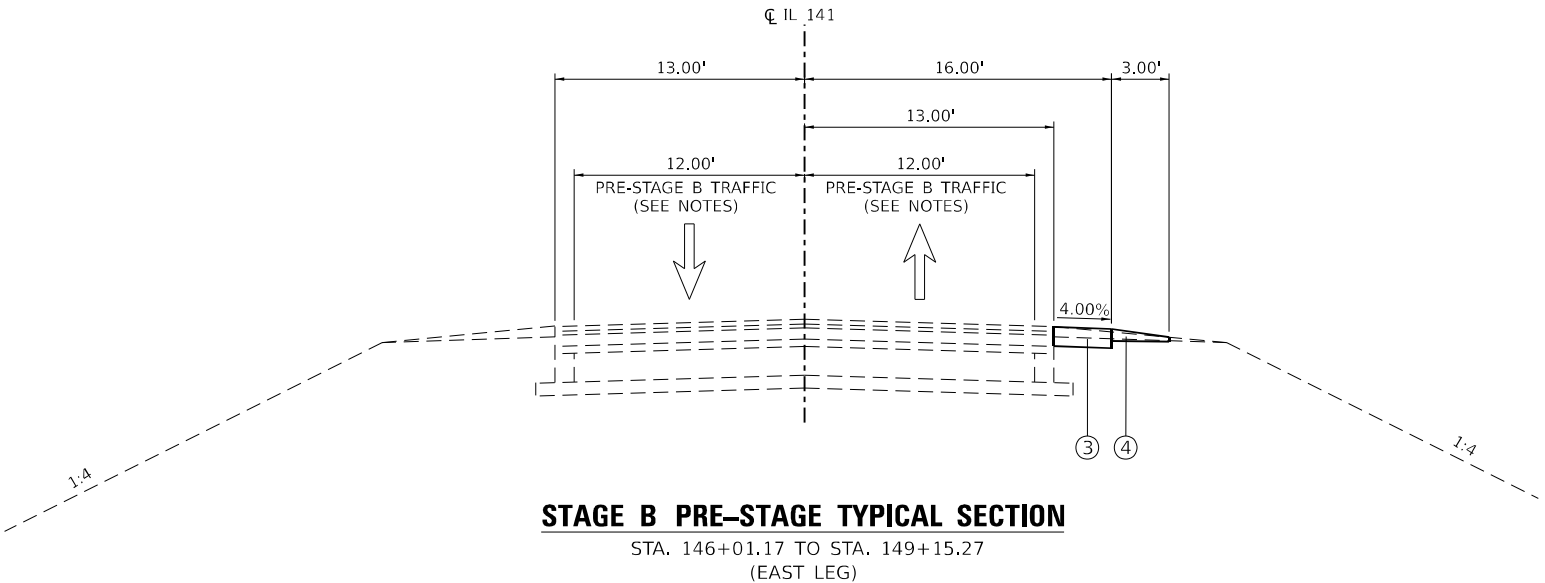
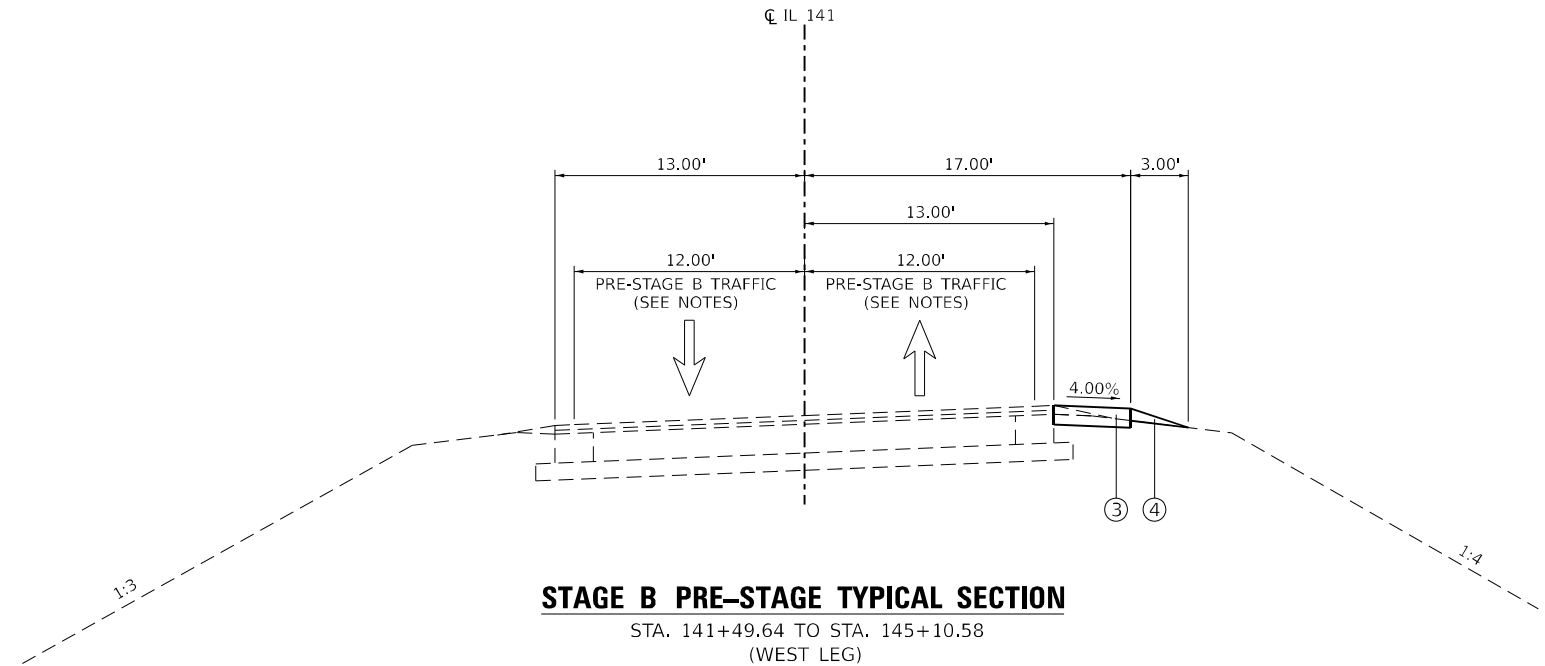
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	31
		CONTRACT NO. 78A39		
ILLINOIS		FED. AID PROJECT		

STAGE CONSTRUCTION LEGEND

- ①
- TEMPORARY CONCRETE BARRIER (PINNED)
- ②
- TEMPORARY CONCRETE BARRIER
- ③
- PR. PORTLAND CEMENT CONCRETE BASE COURSE
WIDENING 9"
- ④
- PR. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑤
- TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4"
- ⑥
- PR. CAST IN PLACE CULVERT EXTENSION

NOTES:

1.
- USE THE FOLLOWING HIGHWAY STANDARDS FOR THE WORK
RELATED TO THE PROPOSED WIDENING:



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jtrebilcock

PLOT SCALE = 10,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED -	TBP
DRAWN -	JRT
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DATE -	

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REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

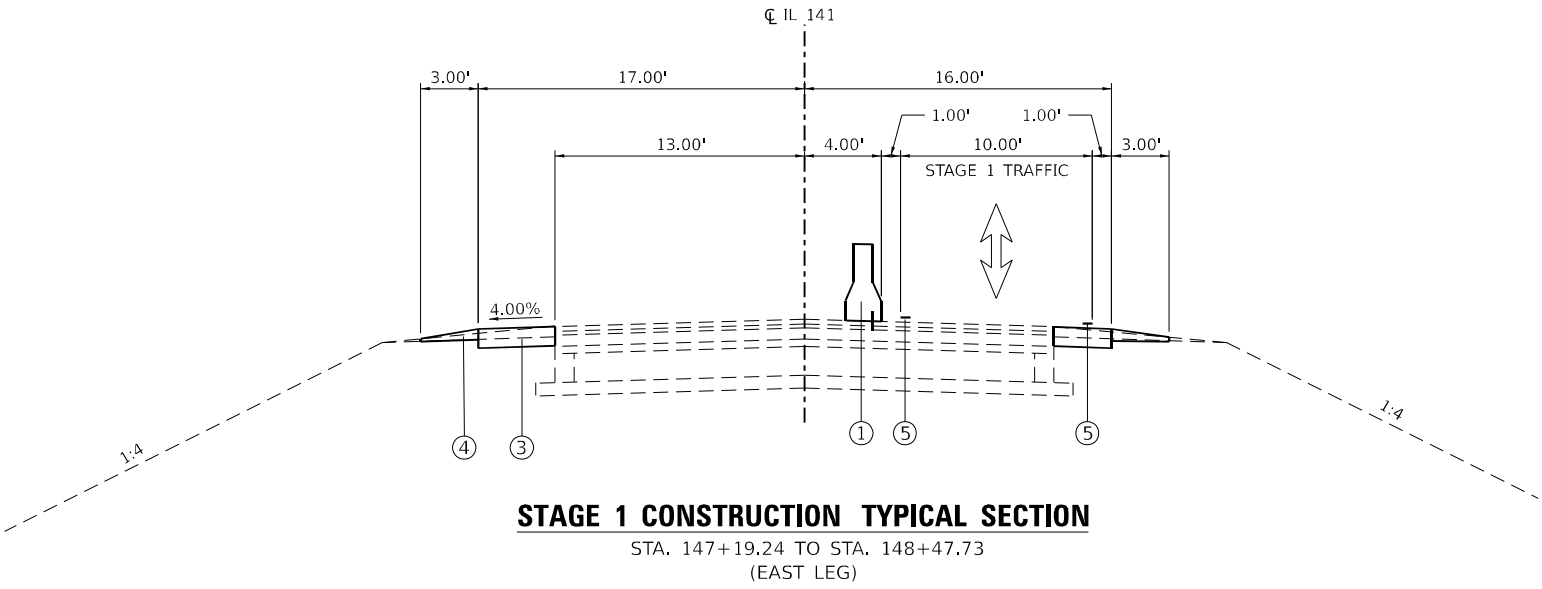
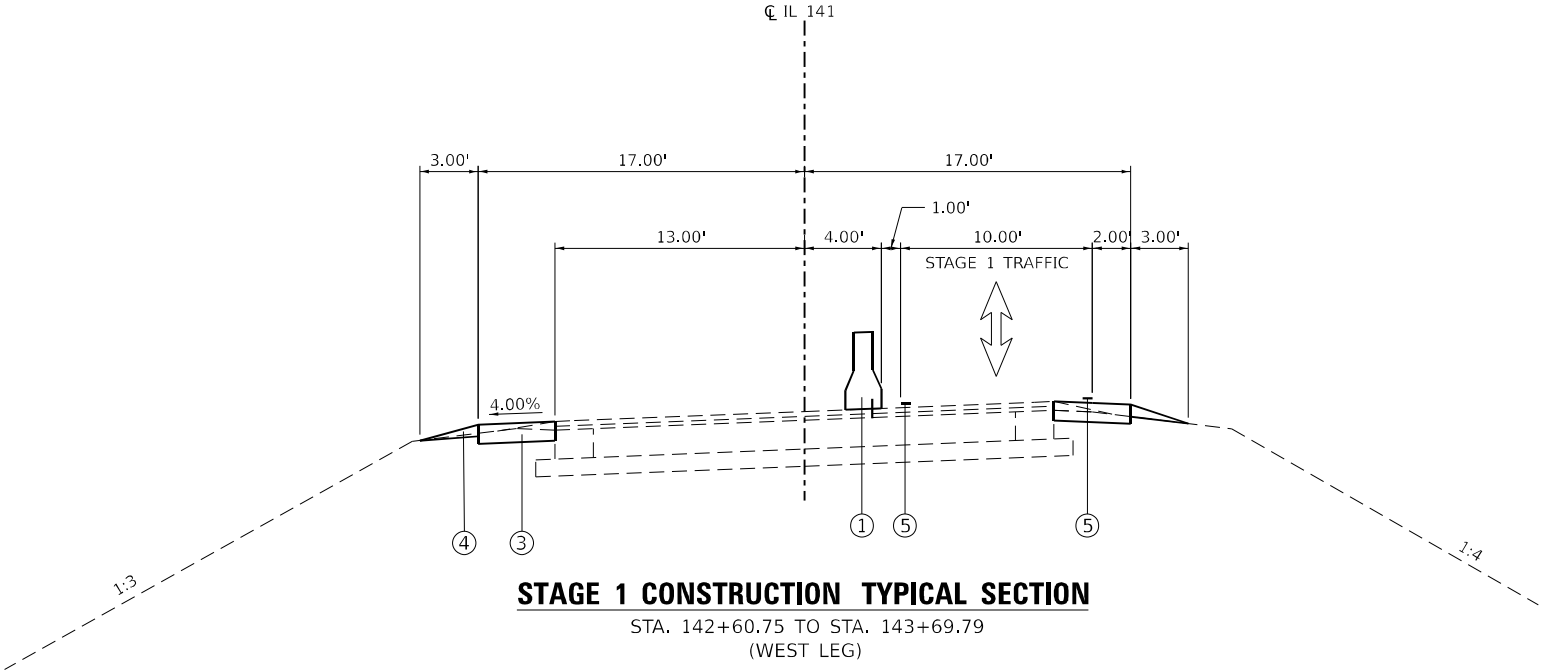
PRE-STAGE B TYPICAL SECTIONS
IL ROUTE 141

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	32
CONTRACT NO. 78A39				
ILLINOIS			FED. AID PROJECT	

STAGE CONSTRUCTION LEGEND

- ① TEMPORARY CONCRETE BARRIER (PINNED)
- ② TEMPORARY CONCRETE BARRIER
- ③ PR. PORTLAND CEMENT CONCRETE BASE COURSE
WIDENING 9"
- ④ PR. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4"
- ⑥ PR. CAST IN PLACE CULVERT EXTENSION



USER NAME = jrebillack	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TYPICAL SECTIONS

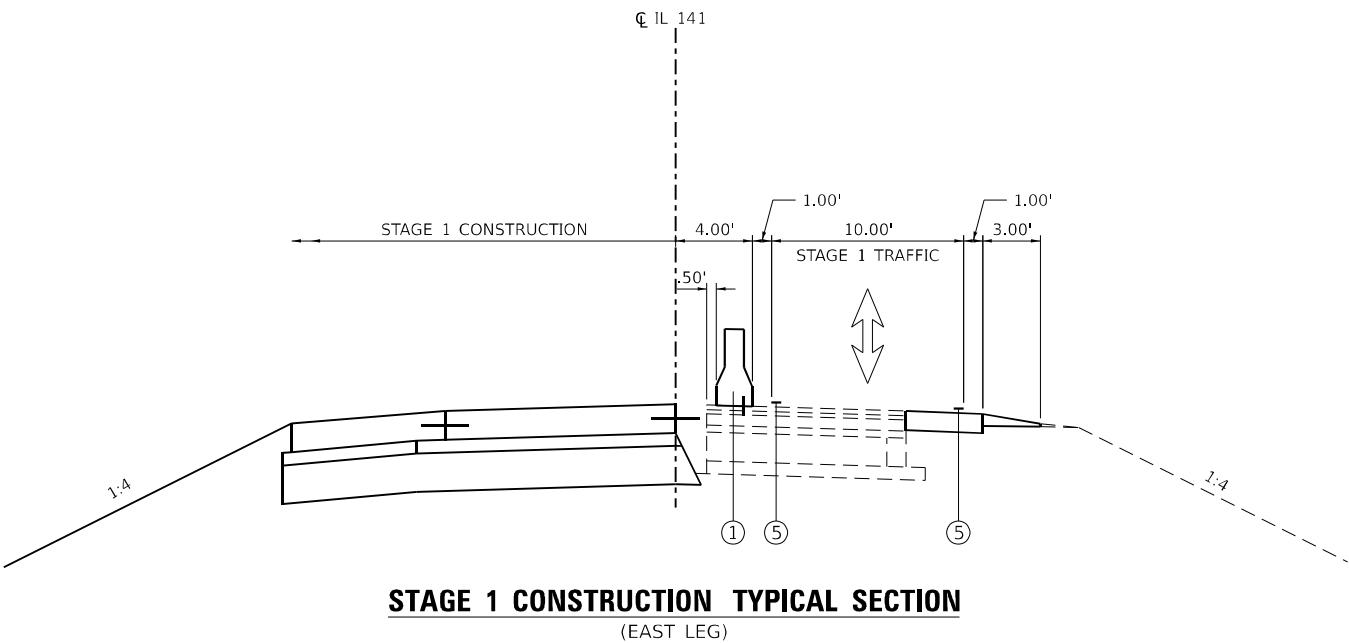
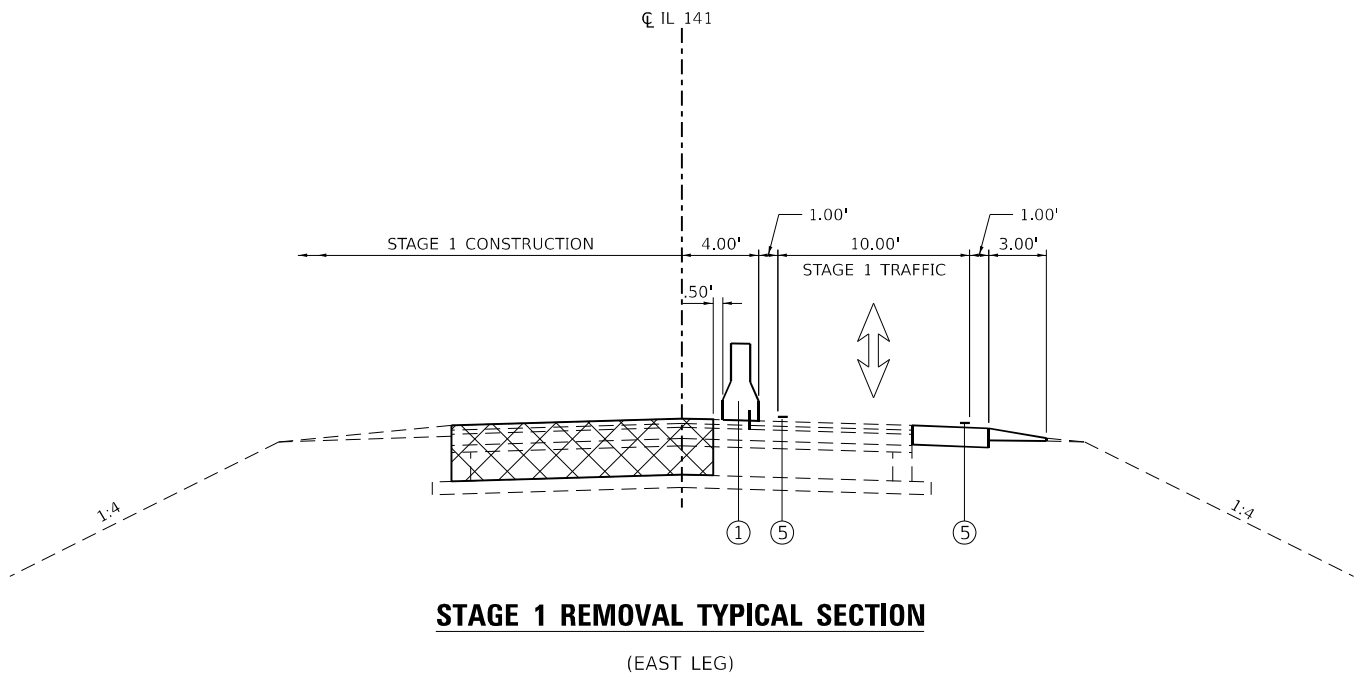
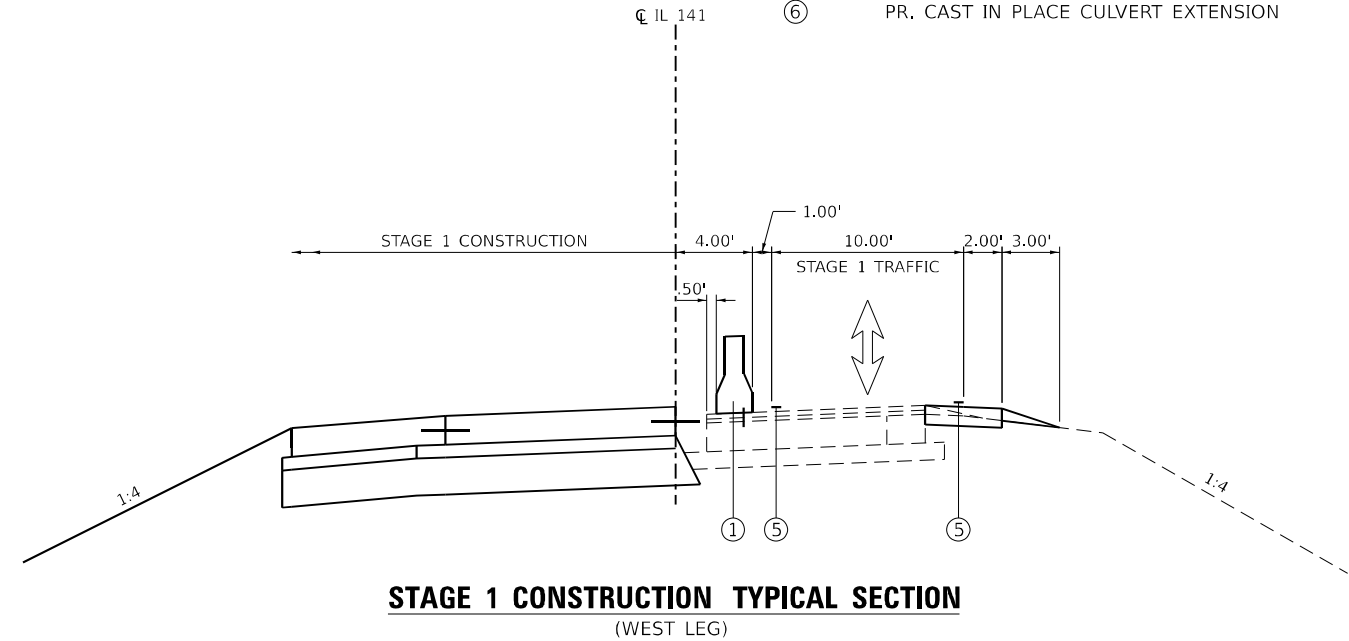
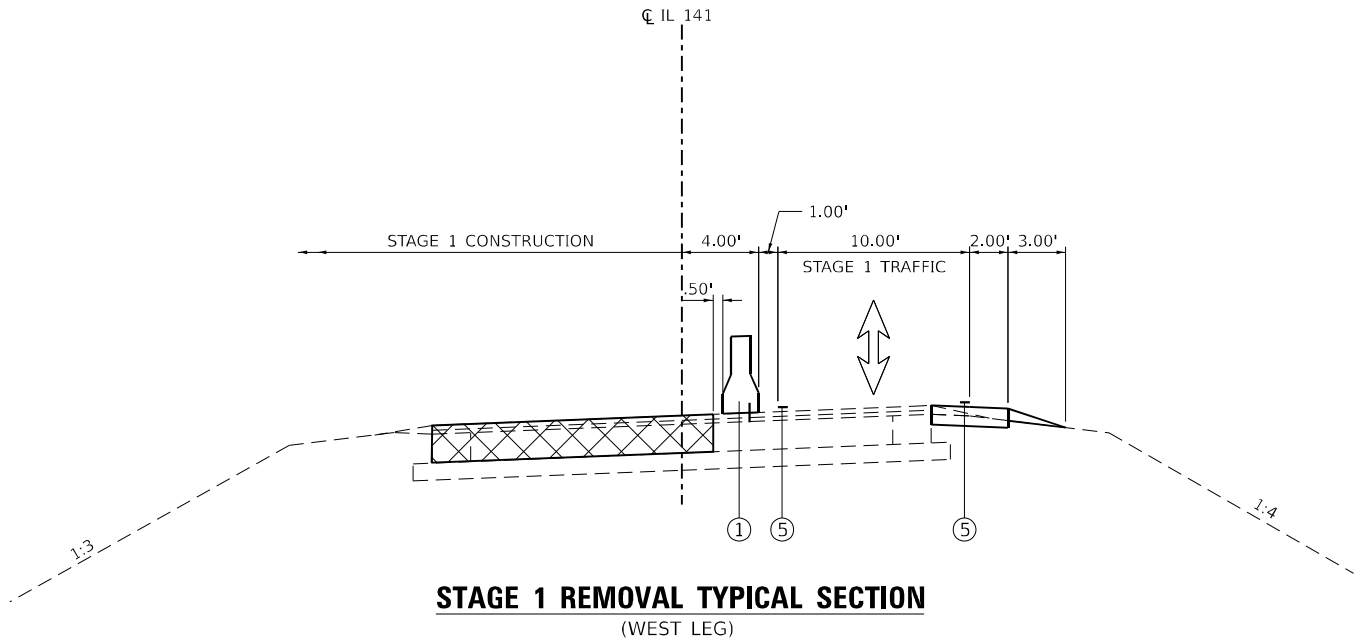
IL ROUTE 141

SCALE: N.T.S.	SHEET 1	OF 2	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	33
CONTRACT NO. 78A39				
ILLINOIS		FED. AID PROJECT		

STAGE CONSTRUCTION LEGEND

- ①
- TEMPORARY CONCRETE BARRIER (PINNED)
- ②
- TEMPORARY CONCRETE BARRIER
- ③
- PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"
- ④
- PR. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑤
- TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4"
- ⑥
- PR. CAST IN PLACE CULVERT EXTENSION



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TYPICAL SECTIONS
IL ROUTE 141

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	34
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

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

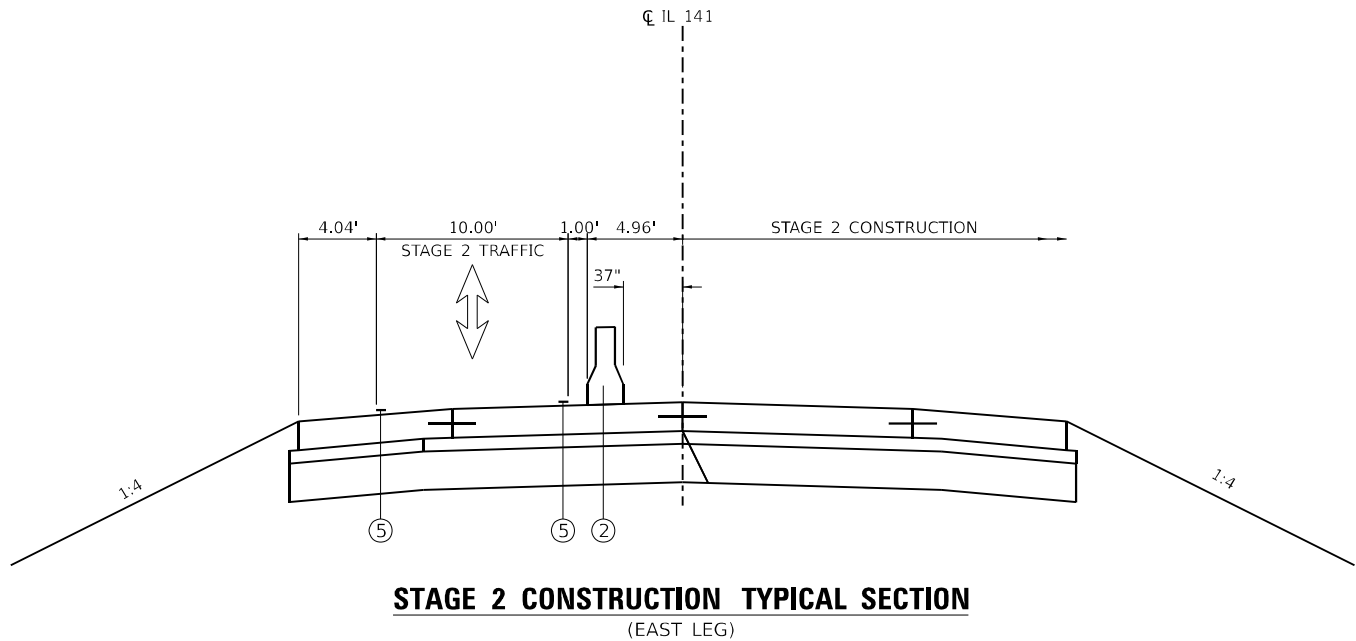
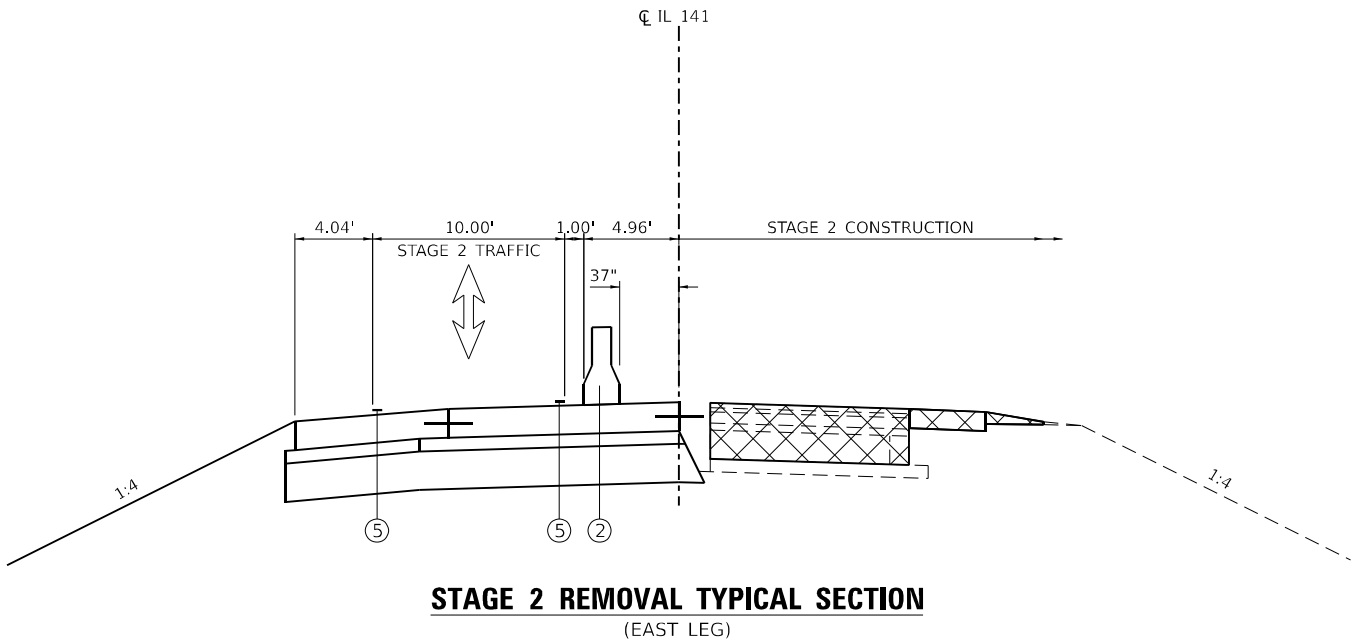
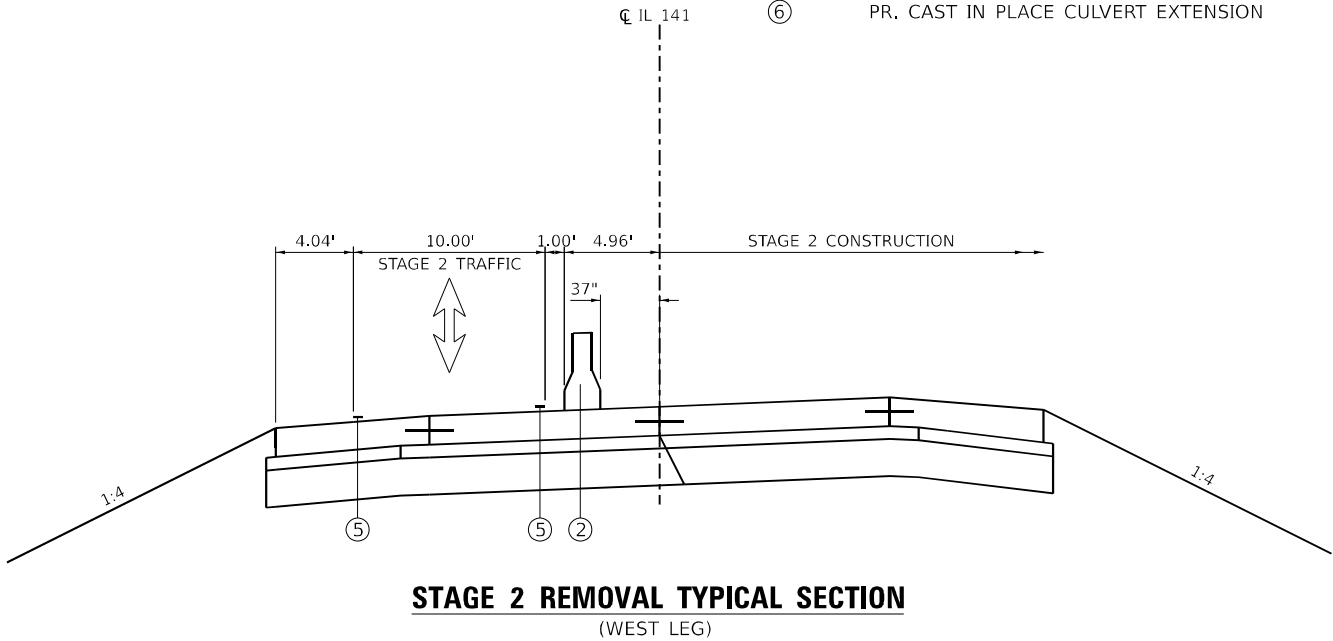
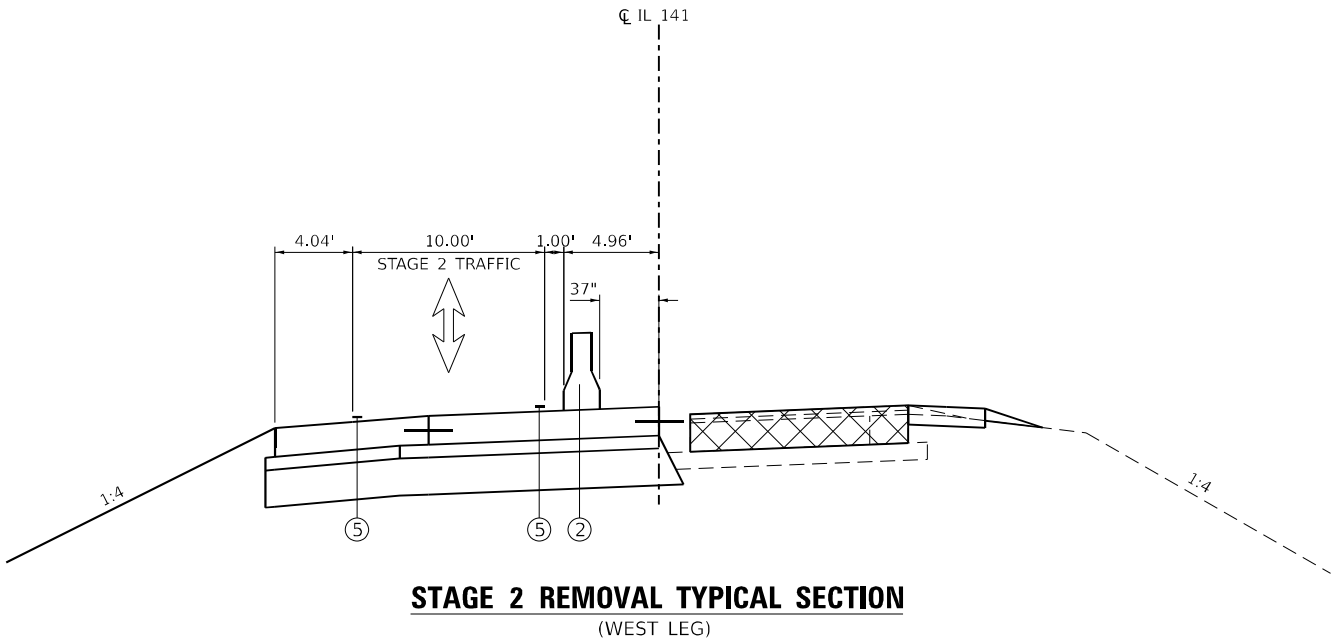
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PLOT SCALE = 10,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STAGE CONSTRUCTION LEGEND

- ①
- TEMPORARY CONCRETE BARRIER (PINNED)
- ②
- TEMPORARY CONCRETE BARRIER
- ③
- PR. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"
- ④
- PR. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑤
- TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4"
- ⑥
- PR. CAST IN PLACE CULVERT EXTENSION



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

USER NAME	= jtrebilcock
DESIGNED	- TBP
DRAWN	- JRT
CHECKED	-
DATE	-
PLOT SCALE	= 10,000 ' / in.
PLOT DATE	= 3/20/2025

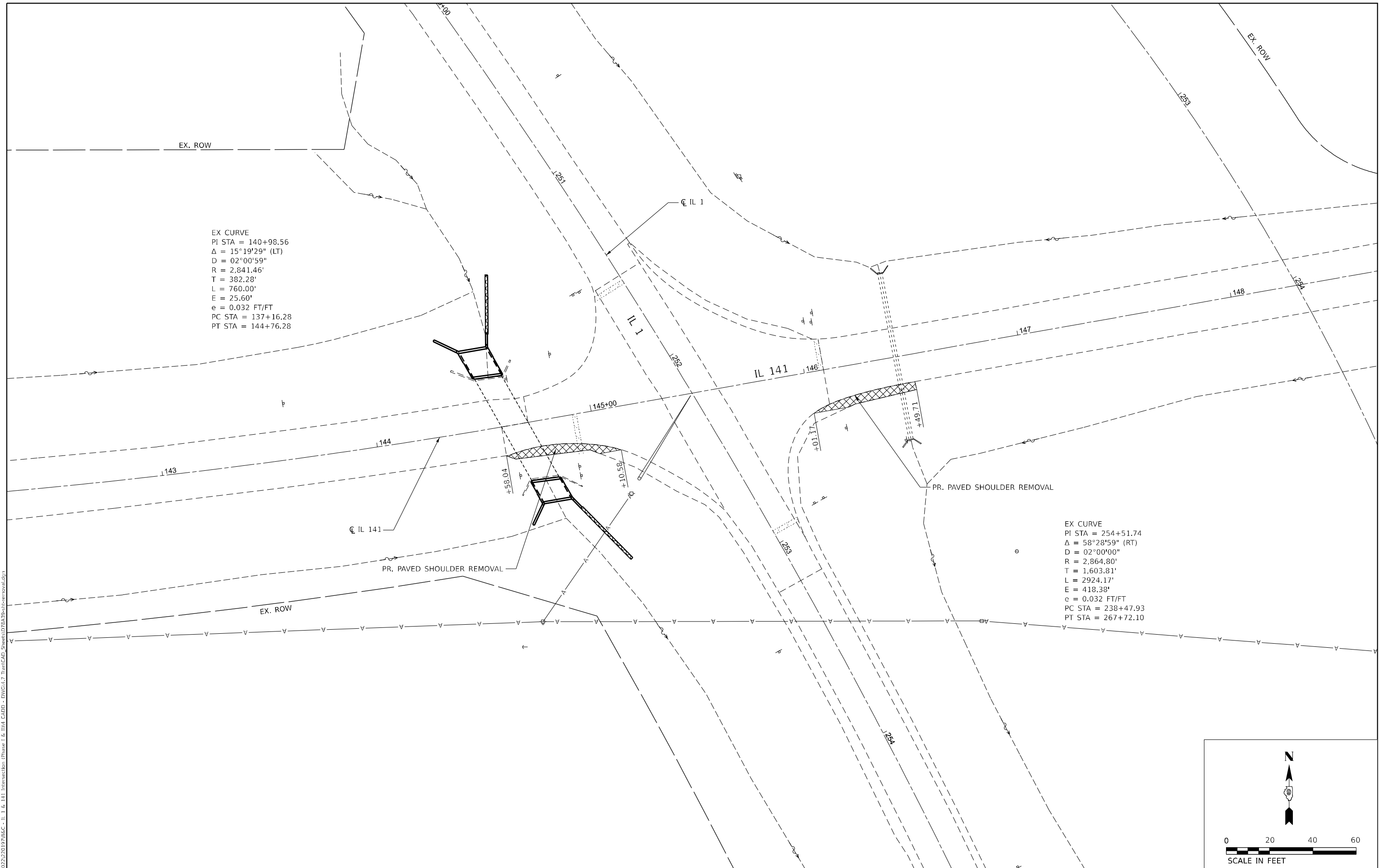
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 TYPICAL SECTIONS
IL ROUTE 141

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 782/ 877	SECTION (110,101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 35
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



MODEL: Removal - Prestage B
FILE NAME: P:\2022\2019718&C - II_1 & 141 Intersection (Phase I & II)\4 CAD - DWG\4.7 Tran\CAD Sheets\078139-s\11-removal.dgn



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

USER NAME = jireblcrack	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 40,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

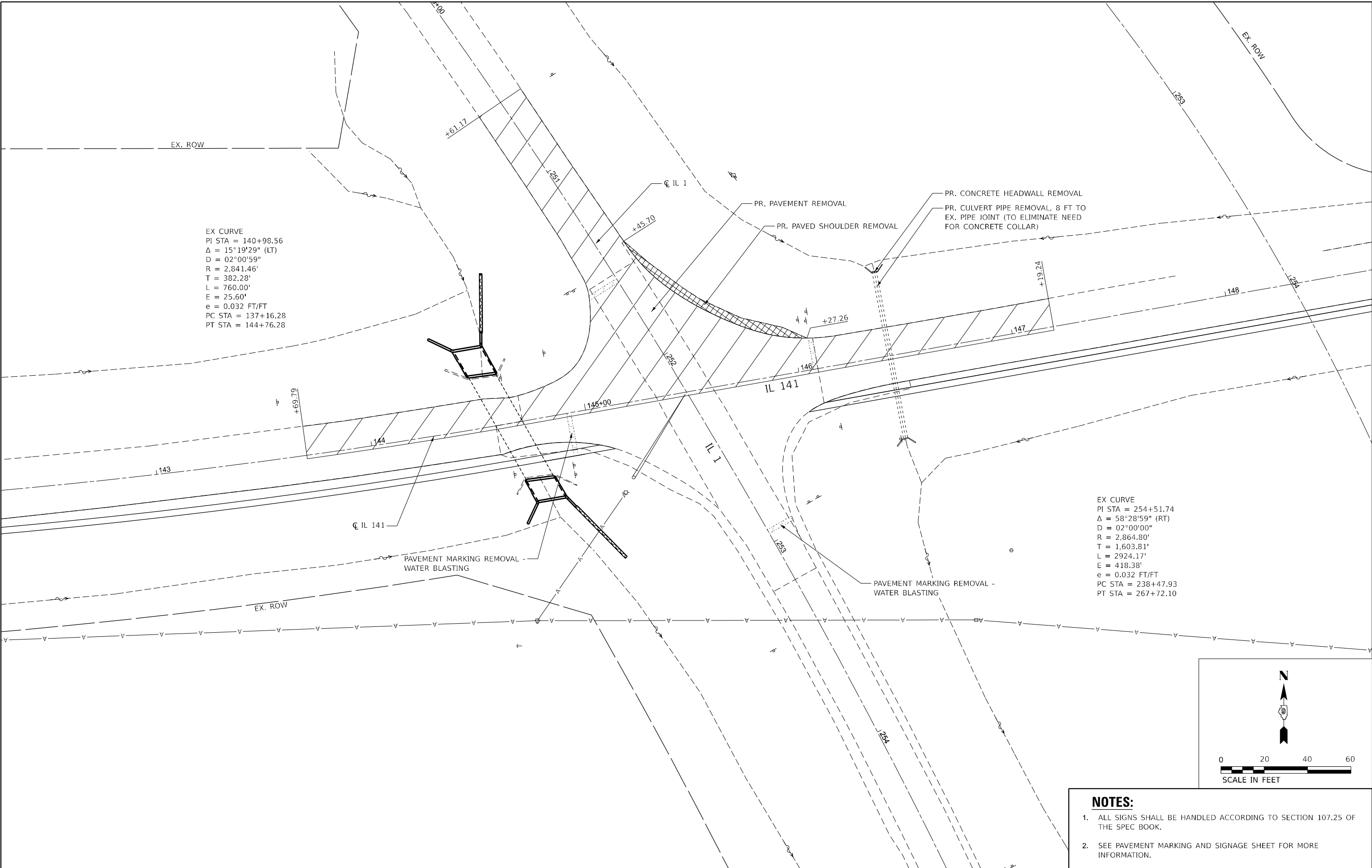
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN – PRE-STAGE B
IL 1 & IL 141

SCALE: 1" = 20'	SHEET 1	OF 1	SHEETS	STA. 144+58.04	TO STA. 146+49.71
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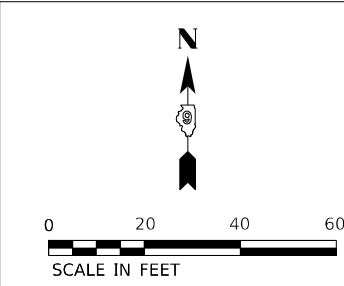
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782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	36
		CONTRACT NO. 78A39		
ILLINOIS		FED. AID PROJECT		

MODEL Removal - Stage 1
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIM CADD - DVG\4.7 TranCAD_Sheets\786A39-IL-removal.dgn



EX CURVE
PI STA = 140+98.56
 Δ = 15°19'29" (LT)
D = 02°00'59"
R = 2,841.46'
T = 382.28'
L = 760.00'
E = 25.60'
e = 0.032 FT/FT
PC STA = 137+16.28
PT STA = 144+76.28

EX CURVE
PI STA = 254+51.74
 Δ = 58°28'59" (RT)
D = 02°00'00"
R = 2,864.80'
T = 1,603.81'
L = 2924.17'
E = 418.38'
e = 0.032 FT/FT
PC STA = 238+47.93
PT STA = 267+72.10



- NOTES:**
- ALL SIGNS SHALL BE HANDLED ACCORDING TO SECTION 107.25 OF THE SPEC BOOK.
 - SEE PAVEMENT MARKING AND SIGNAGE SHEET FOR MORE INFORMATION.



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

USER NAME = jtrebilcock
PLOT SCALE = 40,000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
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REVISED -

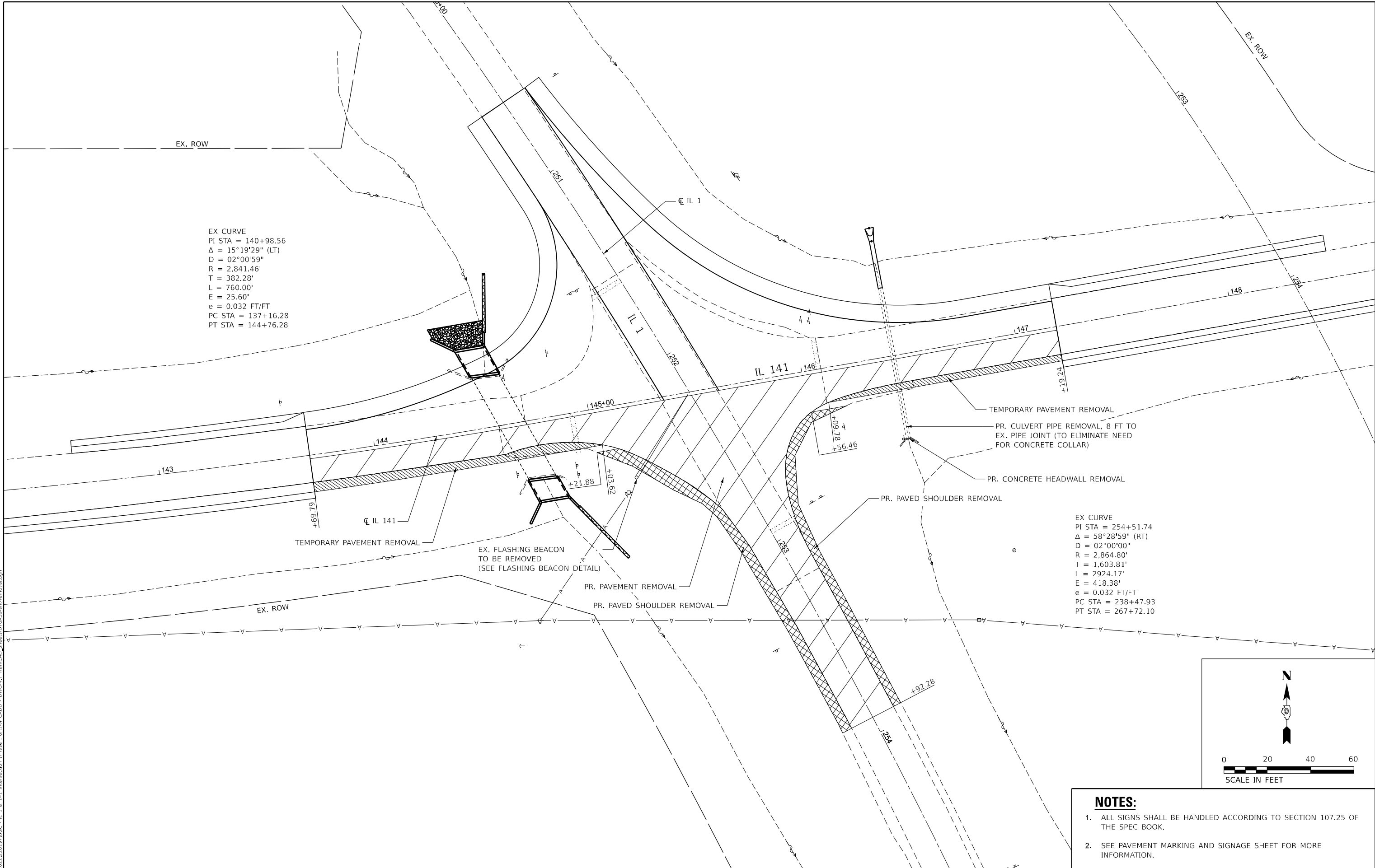
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN – STAGE 1
IL 1 & IL 141**

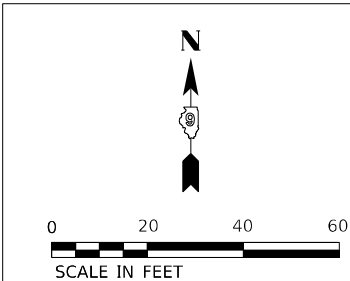
SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 143+69.79 TO STA. 147+19.24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)M-1	GALLATIN/WHITE	83	37
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL Removal - Stage 2
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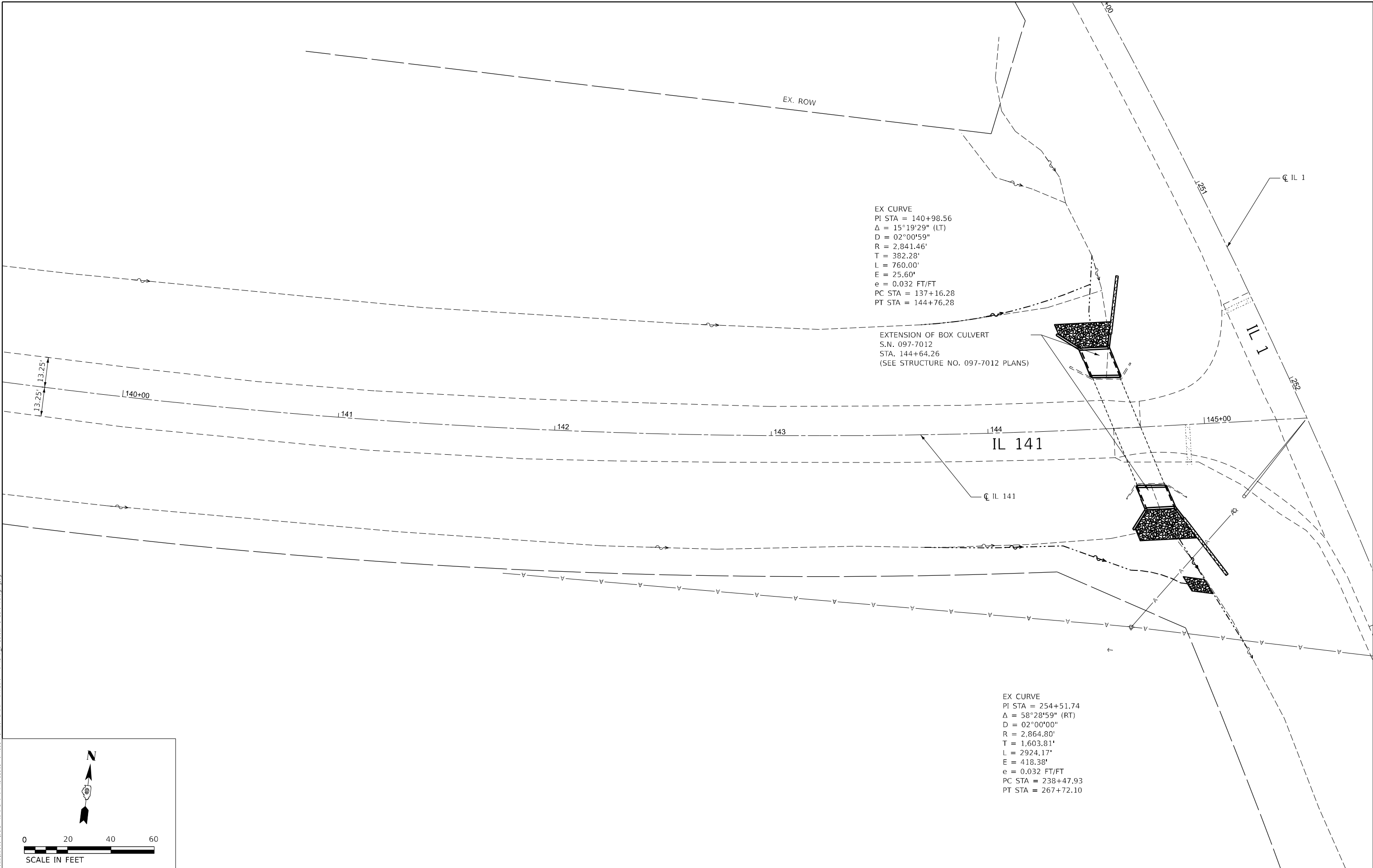
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D = 02°00'00"
R = 2,864.80'
T = 1,603.81'
L = 2924.17'
E = 418.38'
e = 0.032 FT/FT
PC STA = 238+47.93
PT STA = 267+72.10



- NOTES:**
- ALL SIGNS SHALL BE HANDLED ACCORDING TO SECTION 107.25 OF THE SPEC BOOK.
 - SEE PAVEMENT MARKING AND SIGNAGE SHEET FOR MORE INFORMATION.

 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = jtreilcock	DESIGNED - TBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN – STAGE 2 IL 1 & IL 141					F.A.P. RTE. 782/877	SECTION (110,101)M-1	COUNTY GALLATIN/WHITE	TOTAL SHEETS 83	SHEET NO. 38
	PLOT SCALE = 40,000' / in.	DRAWN - JRT	REVISED -							CONTRACT NO. 78A39				
	PLOT DATE = 3/20/2025	CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -							SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 143+69.79 TO STA. 147+19.24				

MODEL: Pre-Stage A Sheet 1
FILE NAME: P:\2022\2020\19786C - IL 1 & 141 Intersection (Phase 1 & 141 CADD - DWG)\4.7 TranCAD Sheets\19786C-IL1-141-StageA.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

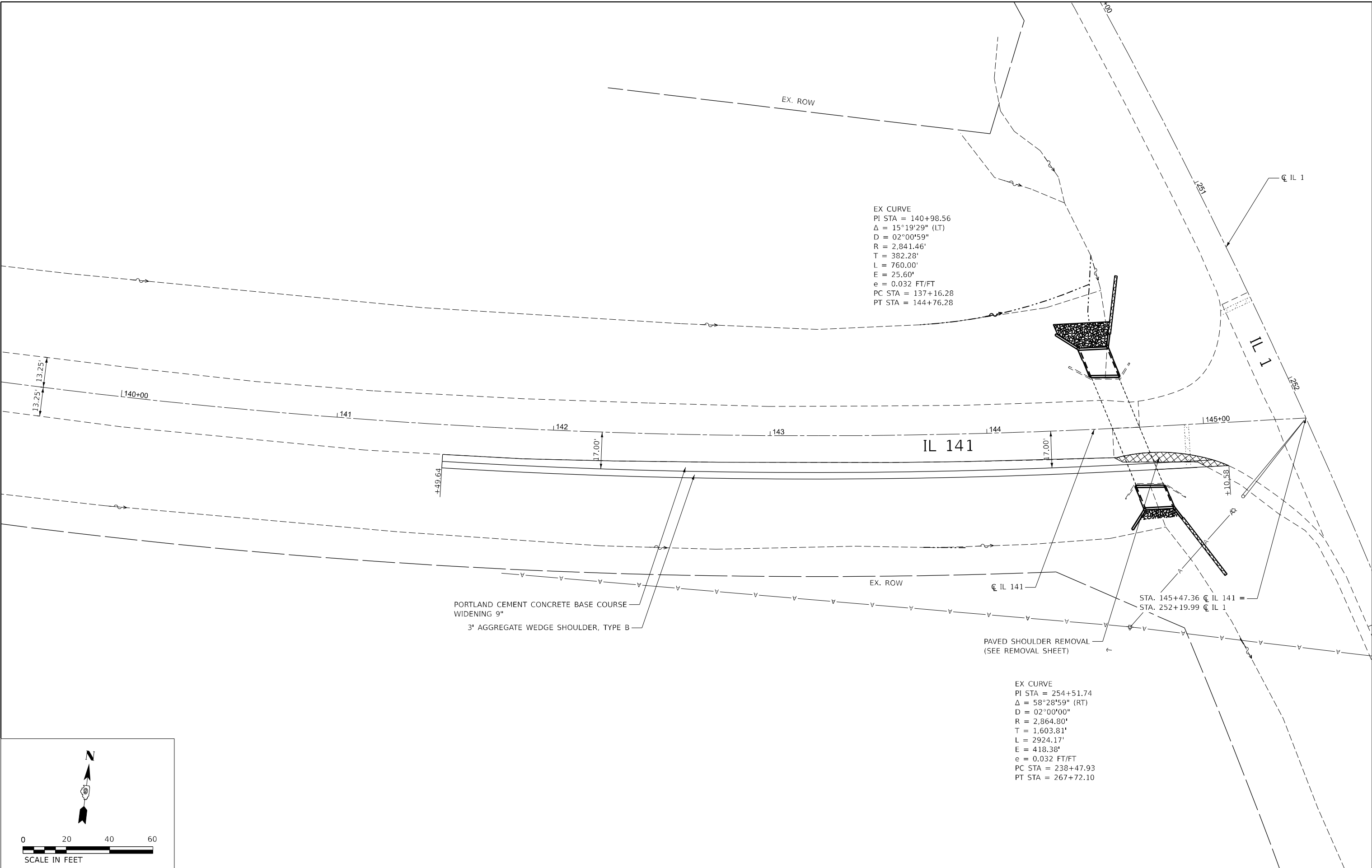
USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 40,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN PRE-STAGE A			
SCALE: 1" = 20'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	39
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Pre-Stage B Sheet 1
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CADD - DWG\4.7 TranCAD Sheets\78A39-Pre-StageB.dgn





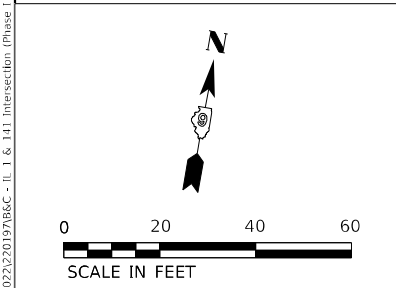
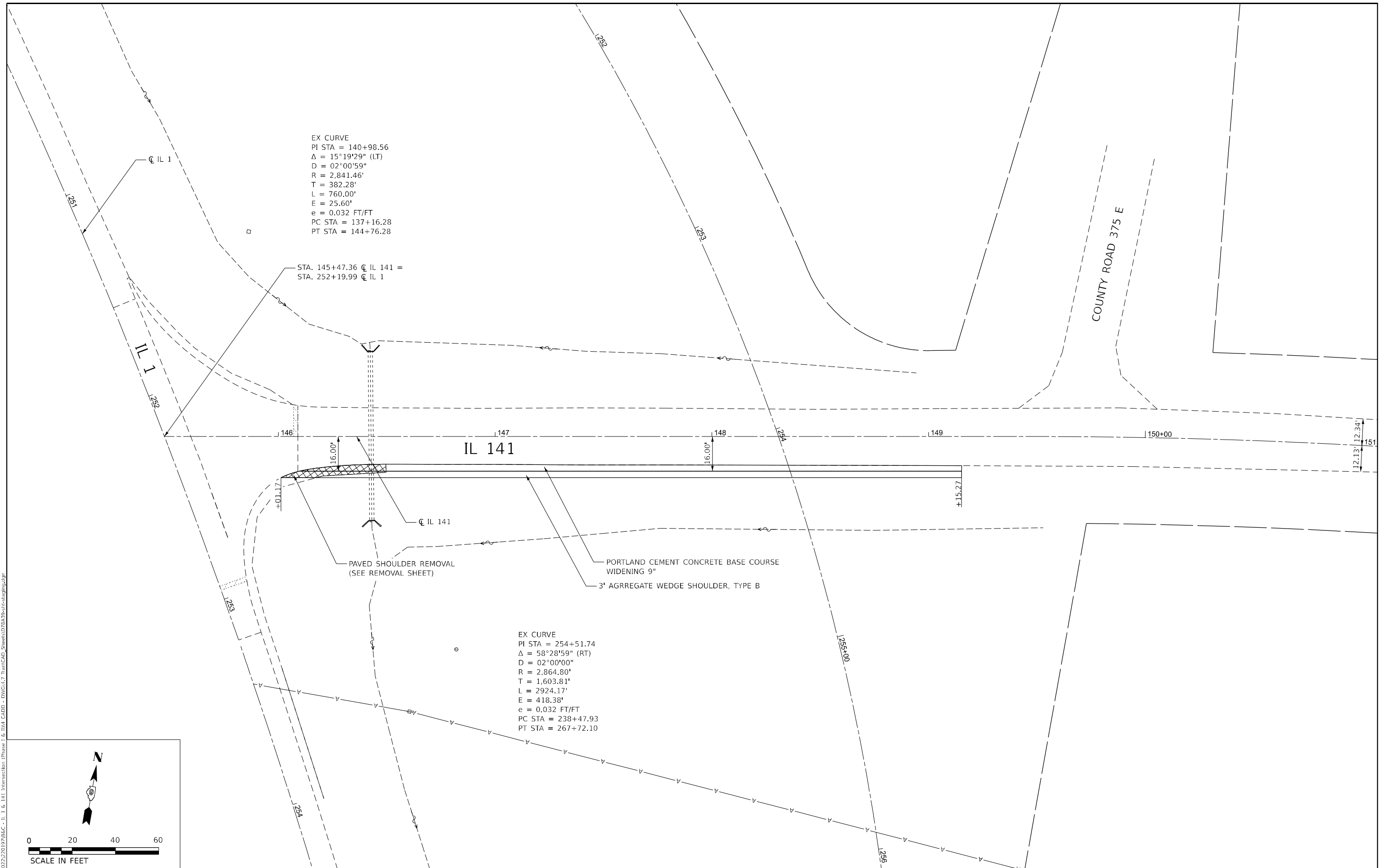
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LICENSE NO: 184-001220

USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 40,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING PLAN PRE-STAGE B			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N+1	GALLATIN/WHITE	83	40
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



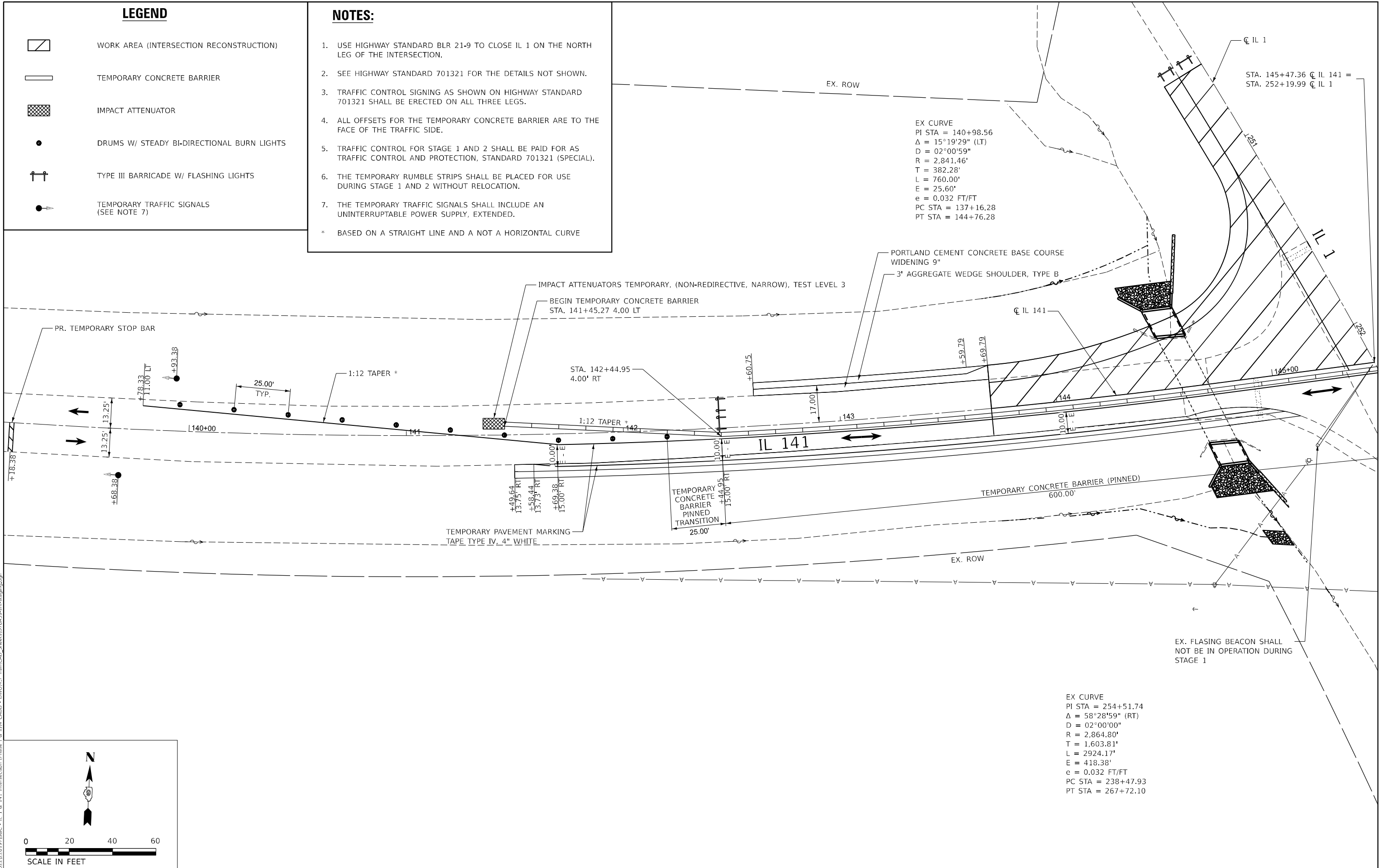
LEGEND

- 
- WORK AREA (INTERSECTION RECONSTRUCTION)



NOTES:

1. USE HIGHWAY STANDARD BLR 21-9 TO CLOSE IL 1 ON THE NORTH LEG OF THE INTERSECTION.
2. SEE HIGHWAY STANDARD 701321 FOR THE DETAILS NOT SHOWN.
3. TRAFFIC CONTROL SIGNING AS SHOWN ON HIGHWAY STANDARD 701321 SHALL BE ERECTED ON ALL THREE LEGS.
4. ALL OFFSETS FOR THE TEMPORARY CONCRETE BARRIER ARE TO THE FACE OF THE TRAFFIC SIDE.
5. TRAFFIC CONTROL FOR STAGE 1 AND 2 SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL).
6. THE TEMPORARY RUMBLE STRIPS SHALL BE PLACED FOR USE DURING STAGE 1 AND 2 WITHOUT RELOCATION.
7. THE TEMPORARY TRAFFIC SIGNALS SHALL INCLUDE AN UNINTERRUPTABLE POWER SUPPLY, EXTENDED.
- * BASED ON A STRAIGHT LINE AND A NOT A HORIZONTAL CURVE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN
STAGE 1

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	42
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

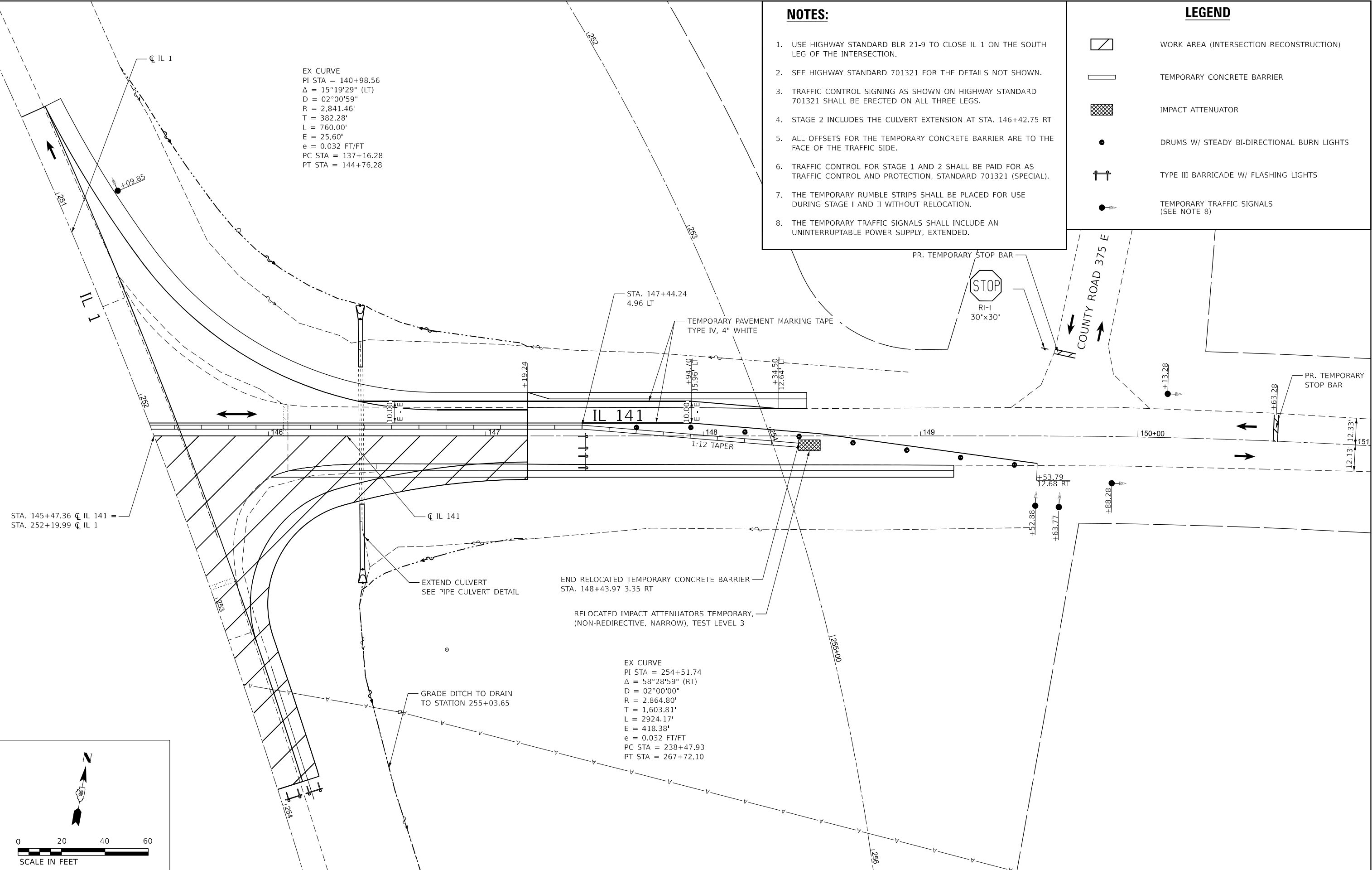
MODEL Stage 1 Sheet 1
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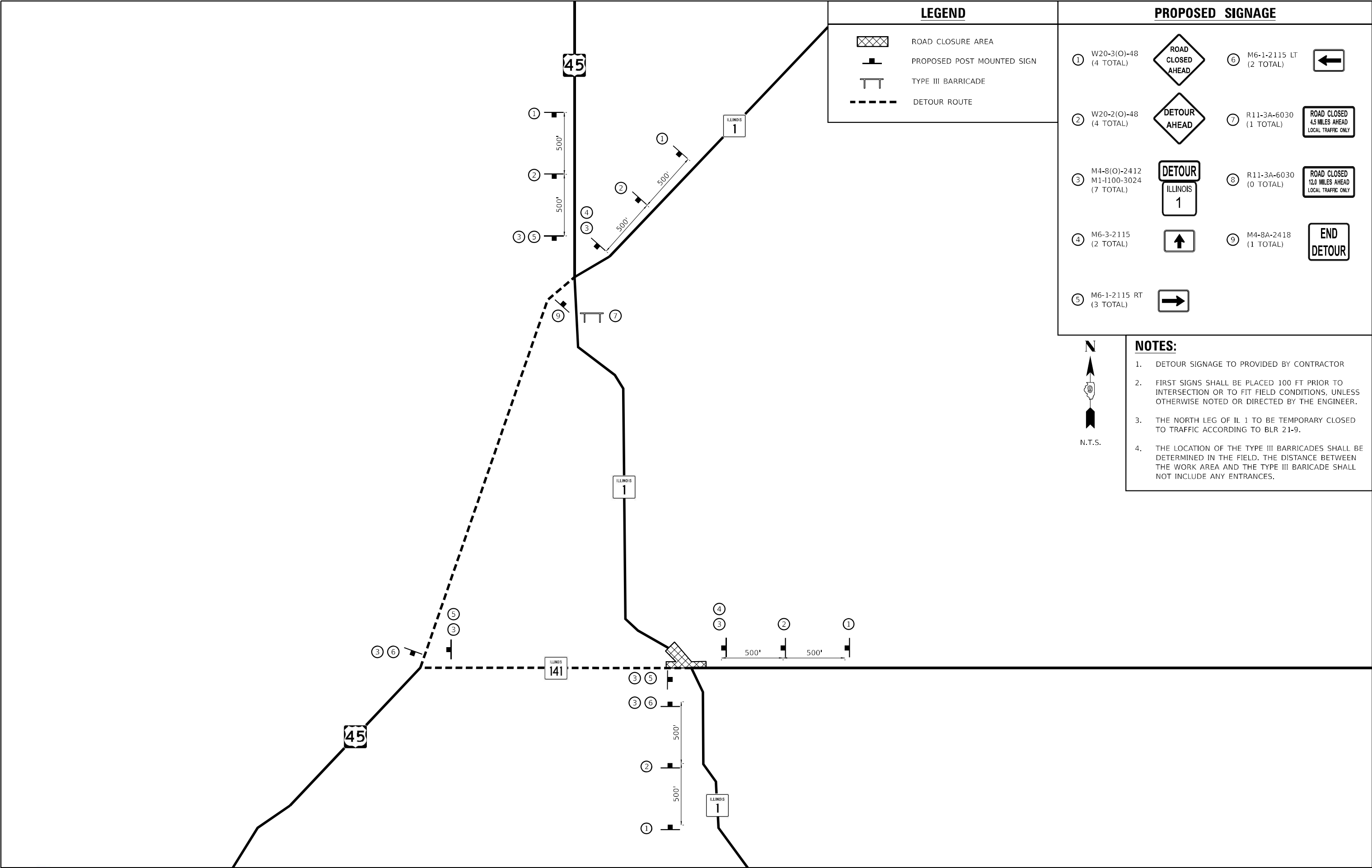
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LICENSE NO:
184-001220

USER NAME = jtrebilcock
PLOT SCALE = 40,000 ' / in.
PLOT DATE = 3/20/2025

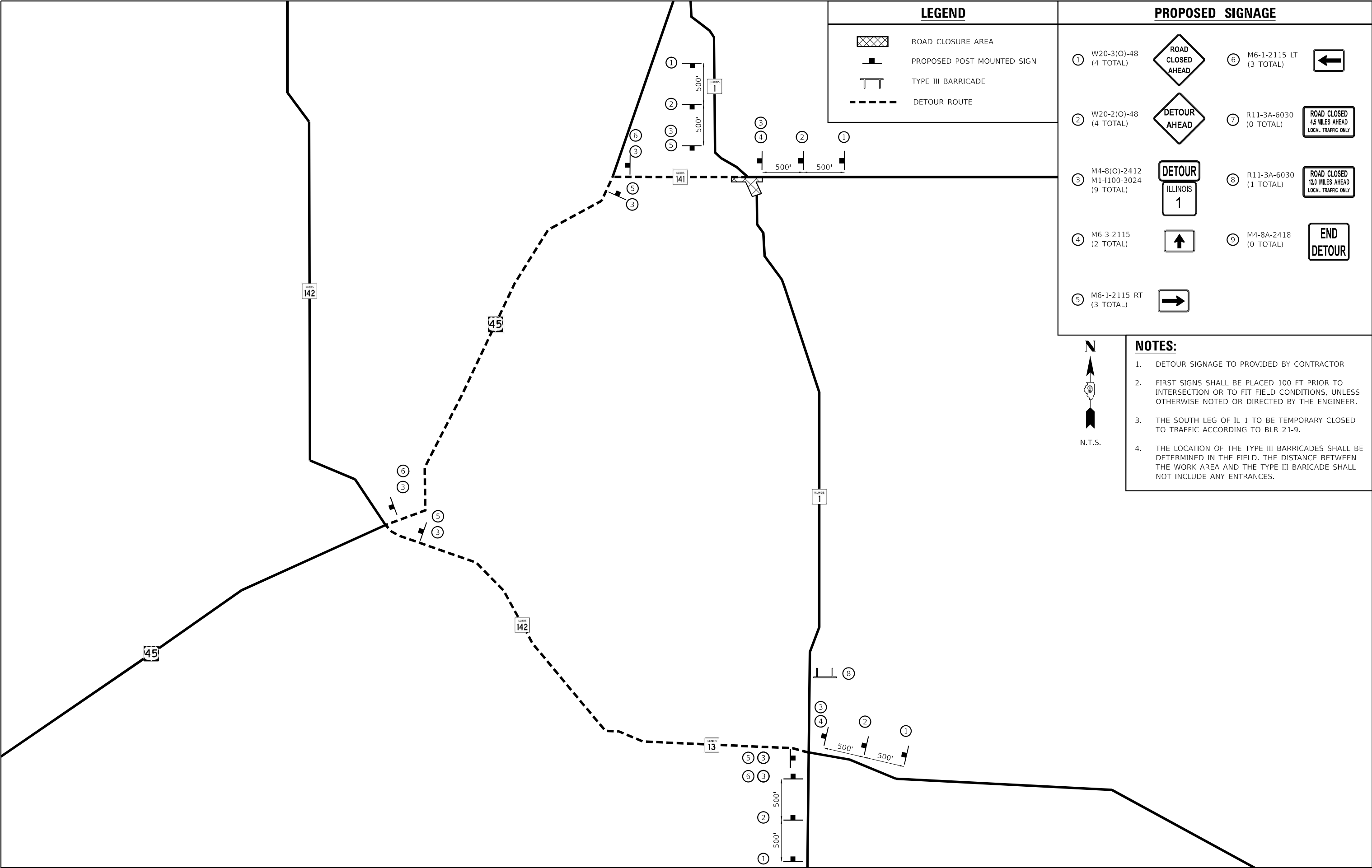
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DRAWN -	JRT	REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	



MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TrianCAD_Sheets\78A39-IL1-detour-1.dgn



MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TentCAD_Sheets\078639-IL1-detour-2.dgn



LEGEND

- ROAD CLOSURE AREA
- PROPOSED POST MOUNTED SIGN
- TYPE III BARRICADE
- DETOUR ROUTE

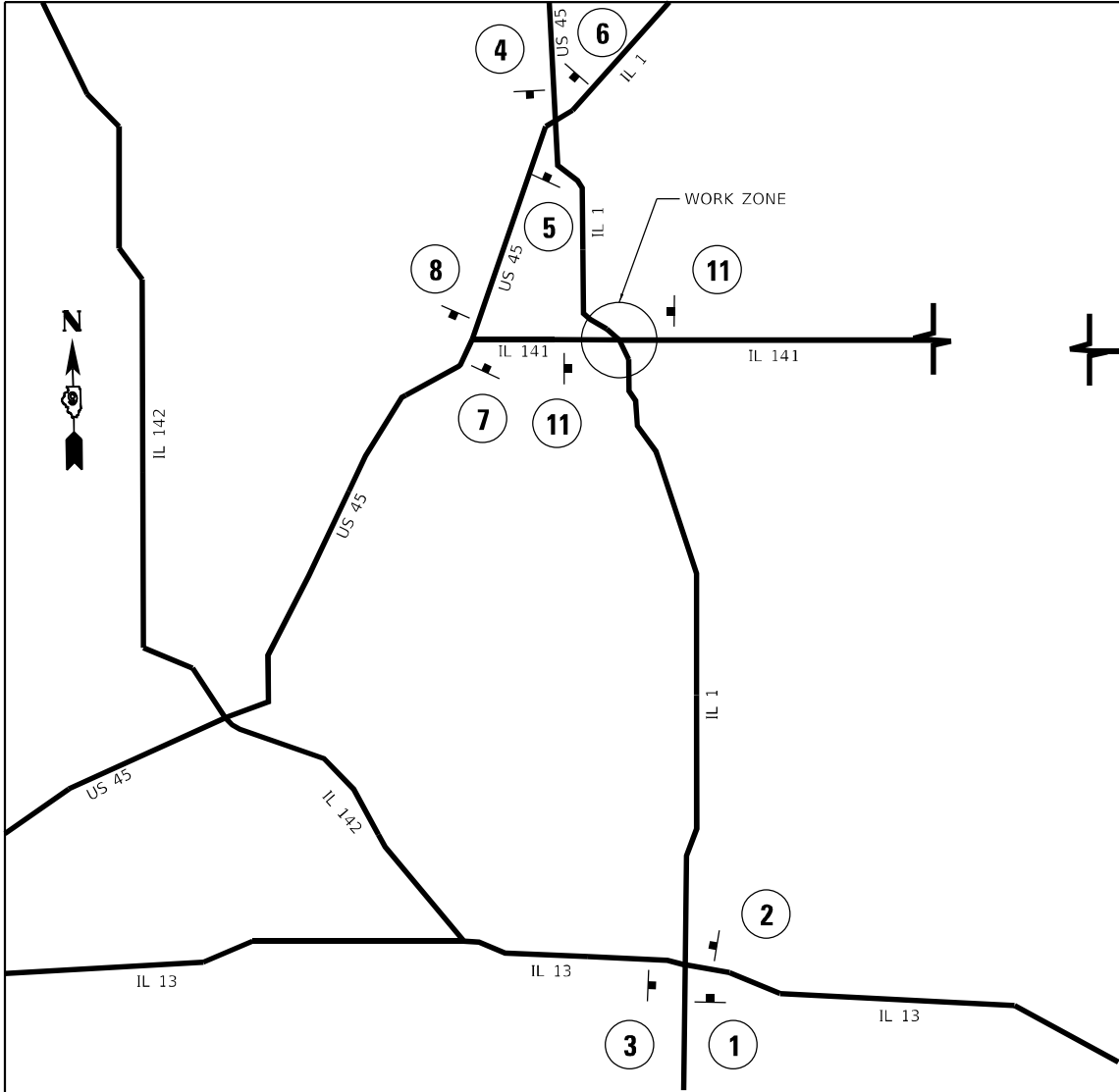
PROPOSED SIGNAGE

- | | | | |
|---|--|-----------------------------|--|
| ① W20-3(O)-48
(4 TOTAL) | | ⑥ M6-1-2115 LT
(3 TOTAL) | |
| ② W20-2(O)-48
(4 TOTAL) | | ⑦ R11-3A-6030
(0 TOTAL) | |
| ③ M4-8(O)-2412
M1-1100-3024
(9 TOTAL) | | ⑧ R11-3A-6030
(1 TOTAL) | |
| ④ M6-3-2115
(2 TOTAL) | | ⑨ M4-8A-2418
(0 TOTAL) | |
| ⑤ M6-1-2115 RT
(3 TOTAL) | | | |

NOTES:

- DETOUR SIGNAGE TO PROVIDED BY CONTRACTOR
- FIRST SIGNS SHALL BE PLACED 100 FT PRIOR TO INTERSECTION OR TO FIT FIELD CONDITIONS, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
- THE SOUTH LEG OF IL 1 TO BE TEMPORARY CLOSED TO TRAFFIC ACCORDING TO BLR 21-9.
- THE LOCATION OF THE TYPE III BARRICADES SHALL BE DETERMINED IN THE FIELD. THE DISTANCE BETWEEN THE WORK AREA AND THE TYPE III BARICADE SHALL NOT INCLUDE ANY ENTRANCES.

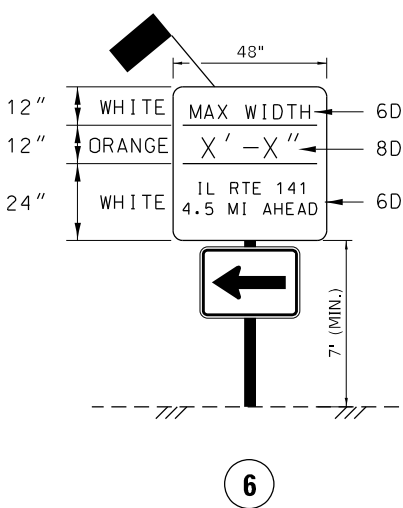
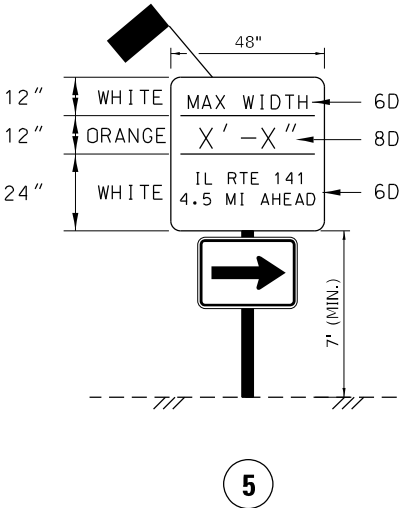
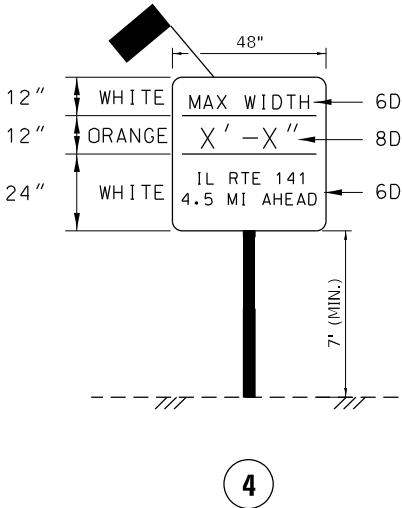
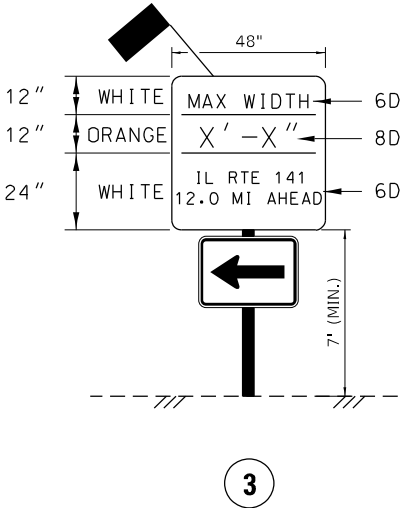
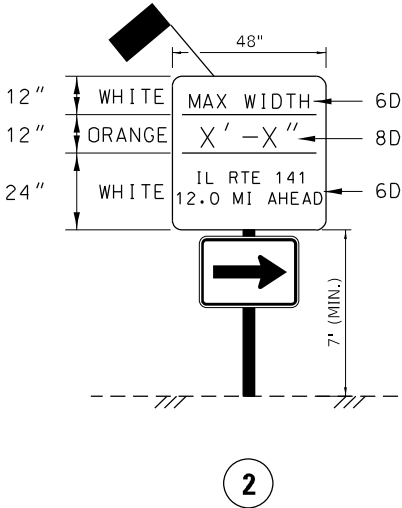
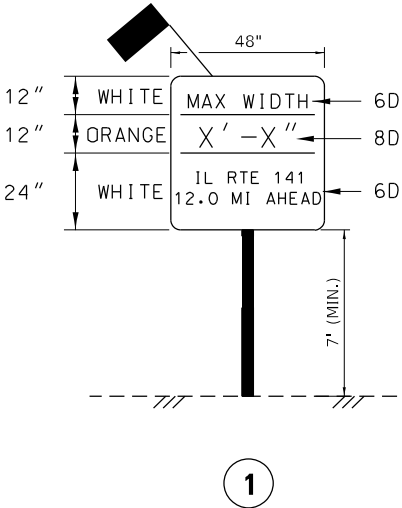
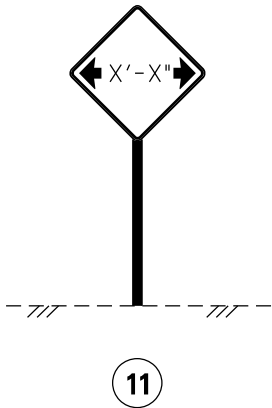
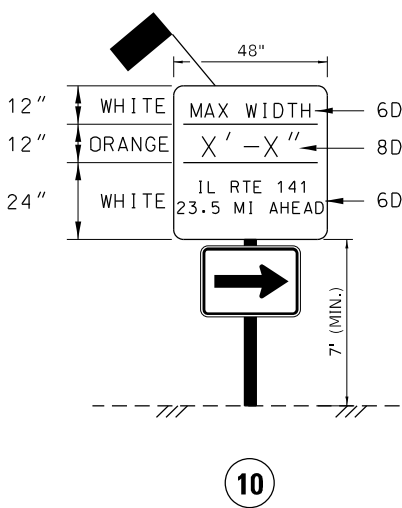
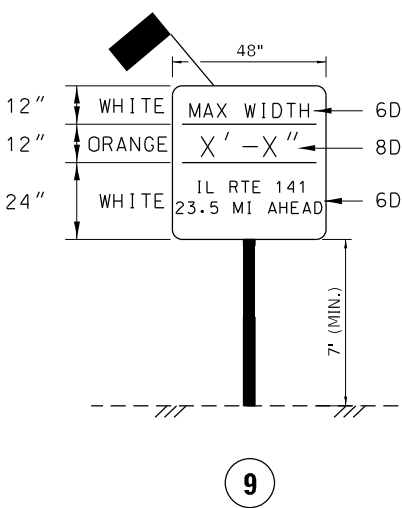
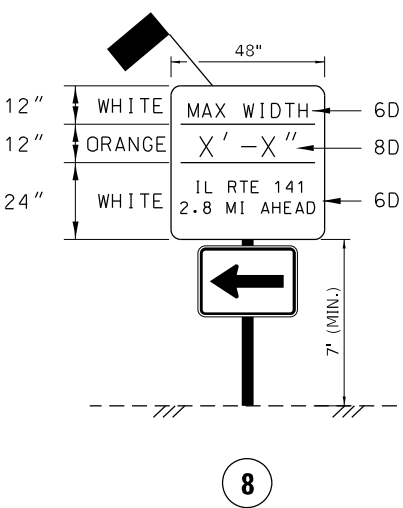
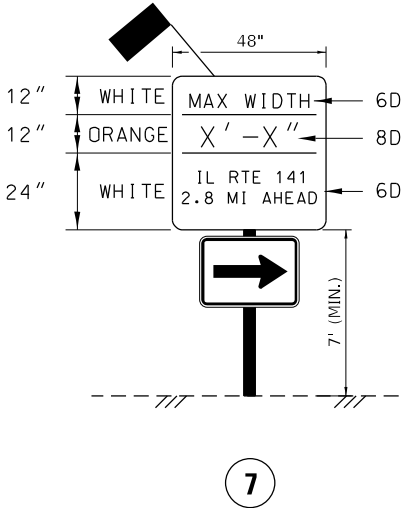
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LOCATION MAP
NOT TO SCALE

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. THE LOCATION OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
3. THE COST OF WIDTH RESTRICTION SIGNING AS SHOWN IN THE PLANS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701321, SPECIAL.
4. THE WIDTH SHOWN ON THE SIGN SHALL BE 18" LESS THAN THE ACTUAL WIDTH SHOWN ON THE PLANS.



MAX WIDTH SIGN DETAIL



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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = jtrebilcock
PLOT SCALE = 40,000' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

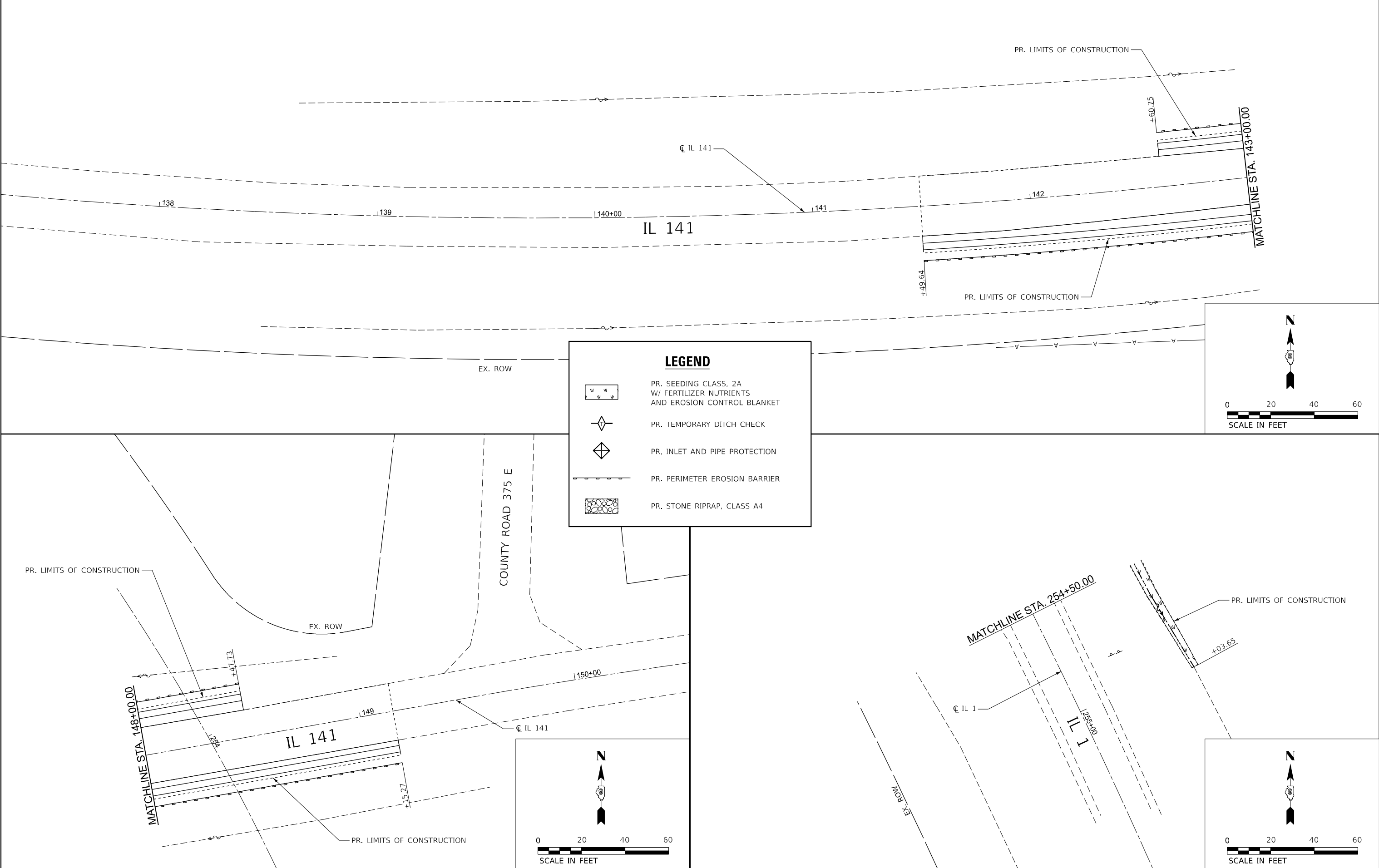
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION DETOUR PLAN

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	48
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL Eros Sheet 1
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CADD - DWG\4.7 TriCAD_Sheets\78A39-ILeros.dgn



LEGEND

- PR. SEEDING CLASS, 2A
W/ FERTILIZER NUTRIENTS
AND EROSION CONTROL BLANKET
- PR. TEMPORARY DITCH CHECK
- PR. INLET AND PIPE PROTECTION
- PR. PERIMETER EROSION BARRIER
- PR. STONE RIPRAP, CLASS A4

MODEL Eros Sheet 2
FILE NAME: P:\2022\220197B6C - IL 1 & IL 141 Intersection (Phase I & II) CAD - DWG\4.7 Twp\CAD Sheets\078A39-IL1Eros.dgn

LEGEND



PR. SEEDING CLASS, 2A
W/ FERTILIZER NUTRIENTS
AND EROSION CONTROL BLANKET



PR. TEMPORARY DITCH CHECK



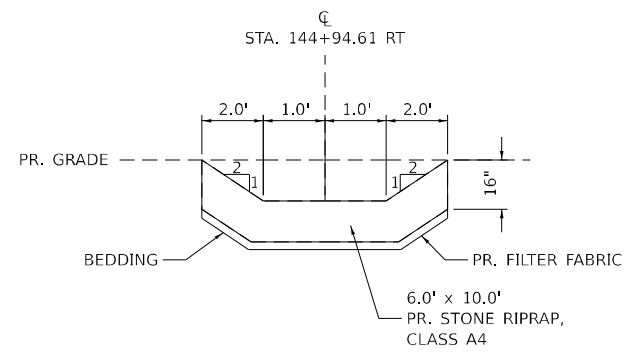
PR. INLET AND PIPE PROTECTION



PR. PERIMETER EROSION BARRIER



PR. STONE RIPRAP, CLASS A4



SECTION A-A
STONE RIPRAP, CLASS A4 DETAIL



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LICENSE NO: 184-001220

USER NAME = jtreilcock
PLOT SCALE = 40,000' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

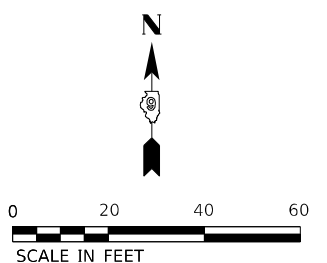
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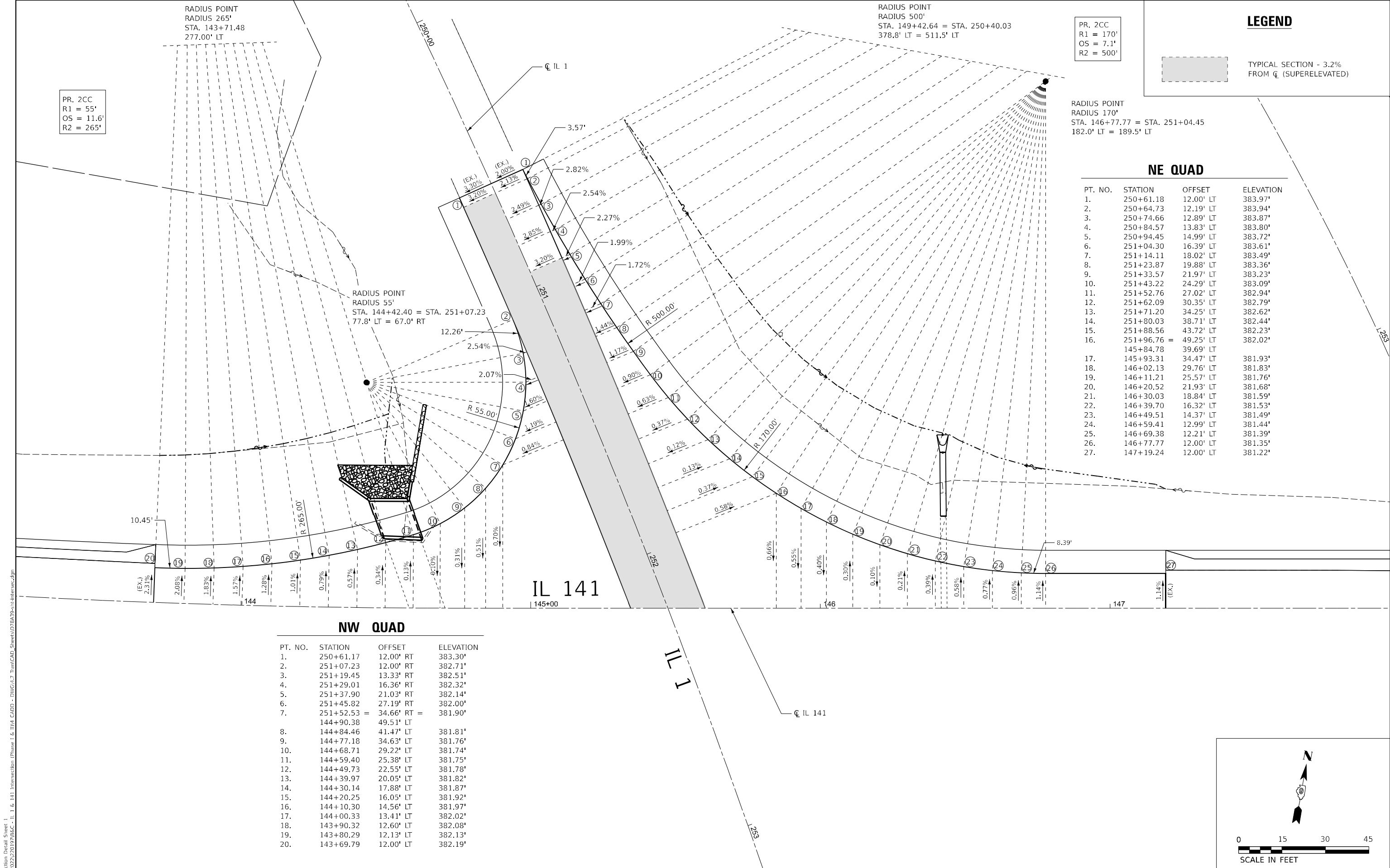
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
IL 1 & IL 141

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 143+00.00 TO STA. 148+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)M-1	GALLATIN/WHITE	83	50
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				





MODEL Intersection Detail Sheet 1
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CADD - DWG\4.7 TranCAD_Sheet\078639-1-1-Intersec.dgn



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LICENSE NO: 184-001220

USER NAME = jtrebilcock
PLOT SCALE = 30,000' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP	REVISED -
DRAWN - JRT	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

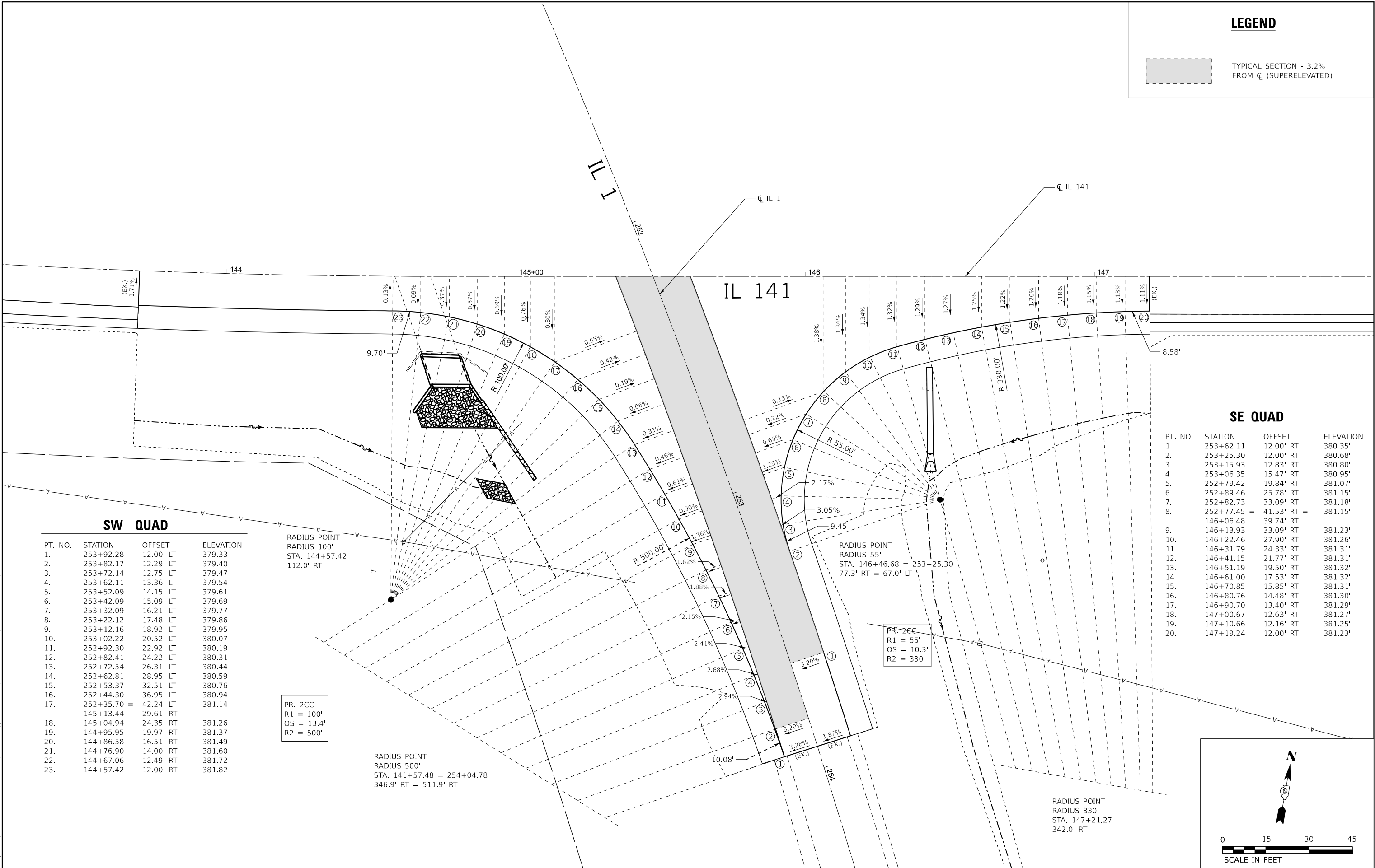
INTERSECTION DETAIL			
SCALE: 1" = 15'	SHEET 1	OF 2 SHEETS	STA. 143+69.79 TO STA. 147+19.24

F.A.P. RTE. 787/877	SECTION (110,101)N-1	COUNTY GALLATIN/WHITE	TOTAL SHEETS 83	SHEET NO. 51
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

LEGEND



TYPICAL SECTION - 3.2%
FROM CL (SUPERELEVATED)



SW QUAD

PT. NO.	STATION	OFFSET	ELEVATION
1.	253+92.28	12.00' LT	379.33'
2.	253+82.17	12.29' LT	379.40'
3.	253+72.14	12.75' LT	379.47'
4.	253+62.11	13.36' LT	379.54'
5.	253+52.09	14.15' LT	379.61'
6.	253+42.09	15.09' LT	379.69'
7.	253+32.09	16.21' LT	379.77'
8.	253+22.12	17.48' LT	379.86'
9.	253+12.16	18.92' LT	379.95'
10.	253+02.22	20.52' LT	380.07'
11.	252+92.30	22.92' LT	380.19'
12.	252+82.41	24.22' LT	380.31'
13.	252+72.54	26.31' LT	380.44'
14.	252+62.81	28.95' LT	380.59'
15.	252+53.37	32.51' LT	380.76'
16.	252+44.30	36.95' LT	380.94'
17.	252+35.70 = 145+13.44	42.24' LT / 29.61' RT	381.14'
18.	145+04.94	24.35' RT	381.26'
19.	144+95.95	19.97' RT	381.37'
20.	144+86.58	16.51' RT	381.49'
21.	144+76.90	14.00' RT	381.60'
22.	144+67.06	12.49' RT	381.72'
23.	144+57.42	12.00' RT	381.82'

PR. 2CC
R1 = 100'
OS = 13.4'
R2 = 500'

RADIUS POINT
RADIUS 500'
STA. 141+57.48 = 254+04.78
346.9' RT = 511.9' RT

SE QUAD

PT. NO.	STATION	OFFSET	ELEVATION
1.	253+62.11	12.00' RT	380.35'
2.	253+25.30	12.00' RT	380.68'
3.	253+15.93	12.83' RT	380.80'
4.	253+06.35	15.47' RT	380.95'
5.	252+79.42	19.84' RT	381.07'
6.	252+89.46	25.78' RT	381.15'
7.	252+82.73	33.09' RT	381.18'
8.	252+77.45 = 146+06.48	41.53' RT / 39.74' RT	381.15'
9.	146+13.93	33.09' RT	381.23'
10.	146+22.46	27.90' RT	381.26'
11.	146+31.79	24.33' RT	381.31'
12.	146+41.15	21.77' RT	381.31'
13.	146+51.19	19.50' RT	381.32'
14.	146+61.00	17.53' RT	381.32'
15.	146+70.85	15.85' RT	381.31'
16.	146+80.76	14.48' RT	381.30'
17.	146+90.70	13.40' RT	381.29'
18.	147+00.67	12.63' RT	381.27'
19.	147+10.66	12.16' RT	381.25'
20.	147+19.24	12.00' RT	381.23'

RADIUS POINT
RADIUS 55'
STA. 146+46.68 = 253+25.30
77.3' RT = 67.0' LT

PR. 2CC
R1 = 55'
OS = 10.3'
R2 = 330'

RADIUS POINT
RADIUS 330'
STA. 147+21.27
342.0' RT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

SCALE: 1" = 15' SHEET 2 OF 2 SHEETS STA. 143+69.79 TO STA. 147+19.24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	52
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



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LICENSE NO: 184-001220

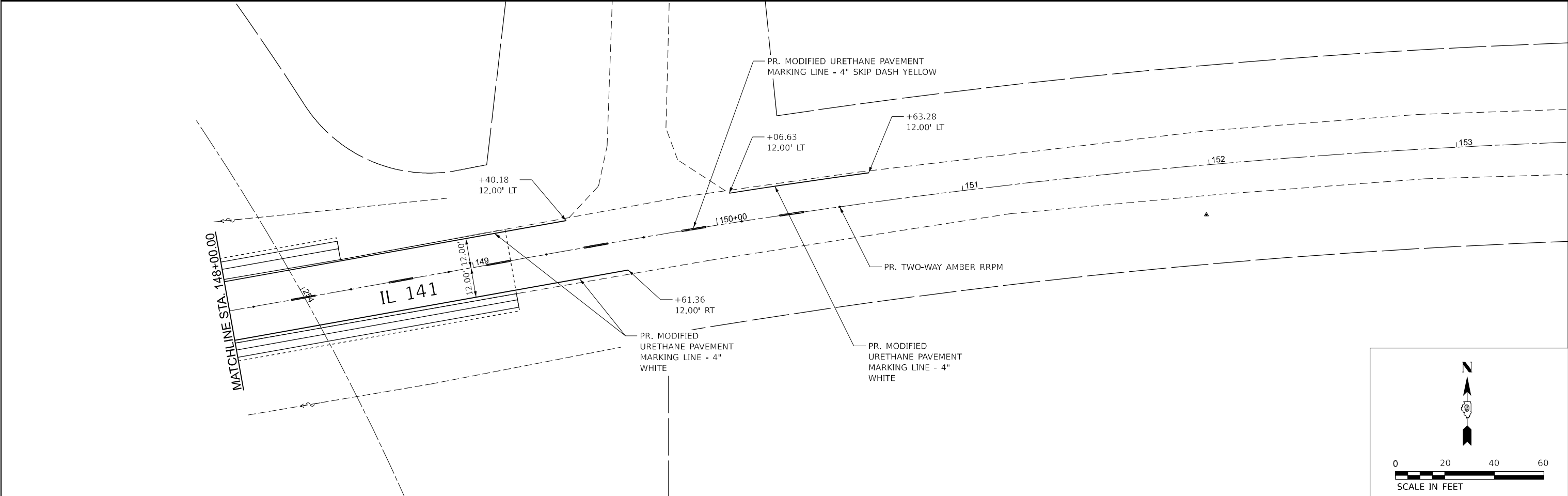
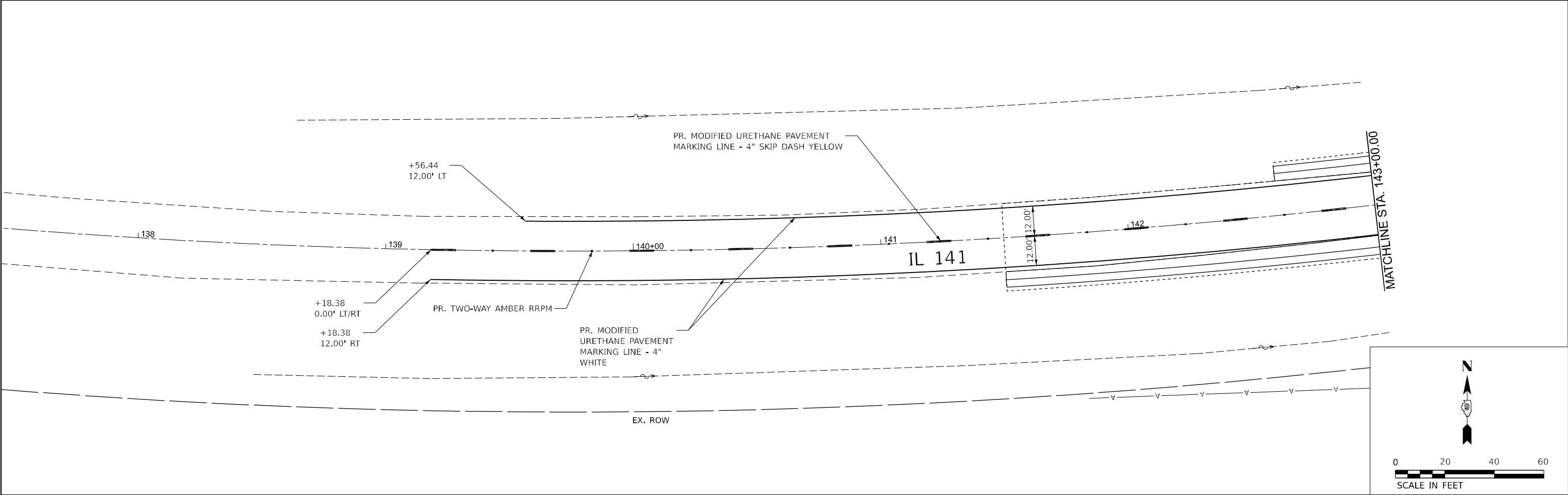
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PLOT SCALE = 30,000' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

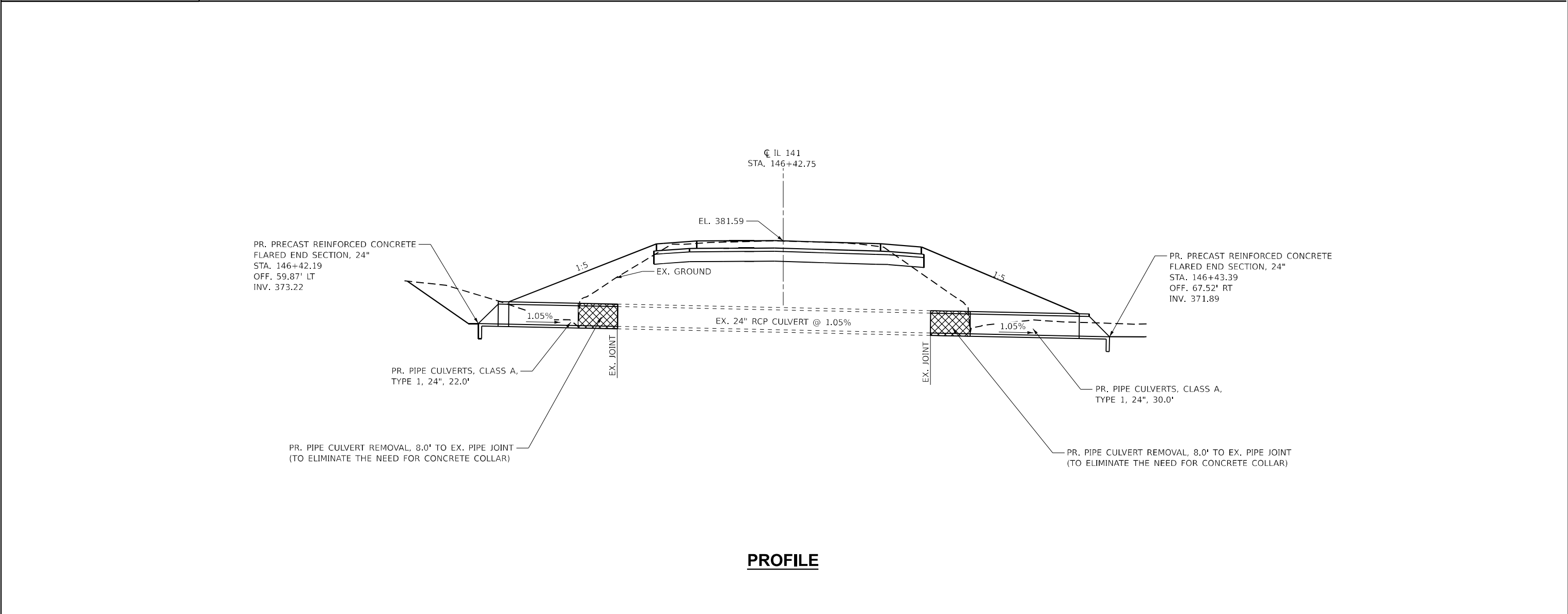
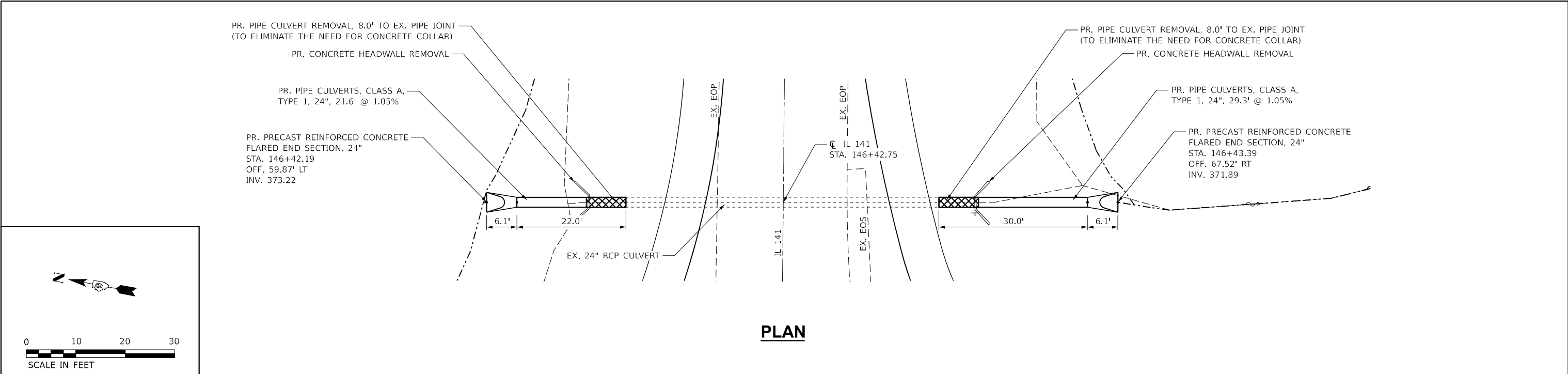
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REVISED -

MODEL: Intersection Detail Sheet 2
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MODEL: Pink Sheet 1
FILE NAME: P:\2022\2020\19786C - IL 1 & 141 Intersection (Phase I & II) CAD - DWG\4.7 Twp CAD Sheets\078A39-111.pmk.dgn



 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220 ENGINEERING GEOSPATIAL SERVICES	USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE PLAN IL 1 & IL 141					F.A.P. RTE. 782/877	SECTION (110,101)N-1	COUNTY GALLATIN/WHITE	TOTAL SHEETS 83	SHEET NO. 53	
	PLOT SCALE = 40,000 ' / in.	DRAWN - JRT	REVISED -		SCALE: 1" = 20'					SHEET 1 OF 2 SHEETS	STA. 141+49.64 TO STA. 149+15.27	CONTRACT NO. 78A39			
	PLOT DATE = 3/20/2025	CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -												



MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & II) CADD - DWG\4.7 TranCAD Sheets\078639-111c-draft-01.dgn

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LICENSE NO: 184-001220

USER NAME = jtrebilcock	DESIGNED - TBP	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIPE CULVERT DETAIL
STA. 146 + 42.75

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	55
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

Bench Mark: 231411 - Top of Iron Pin with Orange Cap Near Signal Pole, Sta. 145+37.22, 47.76' Rt., Elev. 380.174

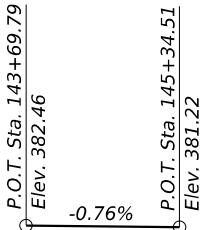
Existing Structure: SN 097-7012 was originally built in 1956 as F.A. 113 Sec. 100. The existing structure is a $\pm 53\text{-}9\frac{1}{2}$ " long, reinforced cast-in-place concrete box culvert with a 12'-0" x 6'-0" opening. The existing culvert will be lengthened at both ends as shown while maintaining traffic on IL-141.

Precast alternate not allowed.

No Salvage

INDEX OF SHEETS

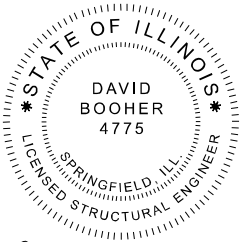
1. General Plan and Elevation
2. General Details
- 3-5. Culvert Extension Details
- 6-7. Soil Borings



PROFILE GRADE
(IL 141)

CURVE DATA

P.I. Sta. = 140+98.56
 $\Delta = 15^\circ 19' 29''$ (LT)
 $D = 02^\circ 00' 59''$
 $R = 2,841.46'$
 $T = 382.28'$
 $L = 760.00'$
 $E = 25.60'$
 $e = 0.032$ ft/ft
P.C. Sta. = 137+16.28
P.T. Sta. = 144+76.28



Signature

Dave Booher, Illinois S.E. 081-004775
Expires 11/30/2026

3/19/2025

Date

LOADING HS 20-44 (New Constr.)

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

DESIGN SPECIFICATIONS (New Constr.)

2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

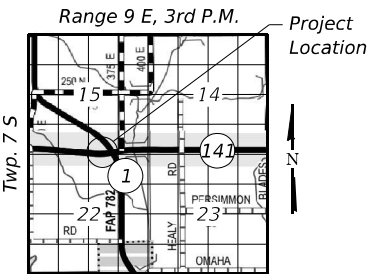
DESIGN STRESSES

FIELD UNITS (New Const.)

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (Permanent Sheet Piling)

FIELD UNITS (Exist. Const.)

$f'_c = 3,500$ psi
 $f_y = 40,000$ psi (Reinforcement)



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

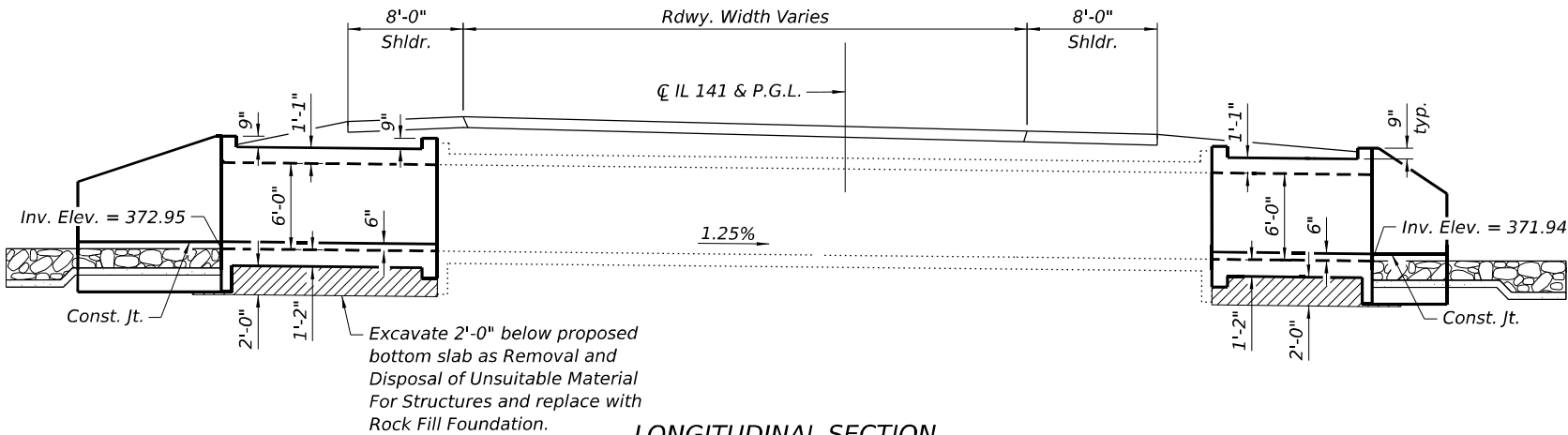
IL 141 OVER CREEK

F.A.P. 877 SECTION (110,101)N-1

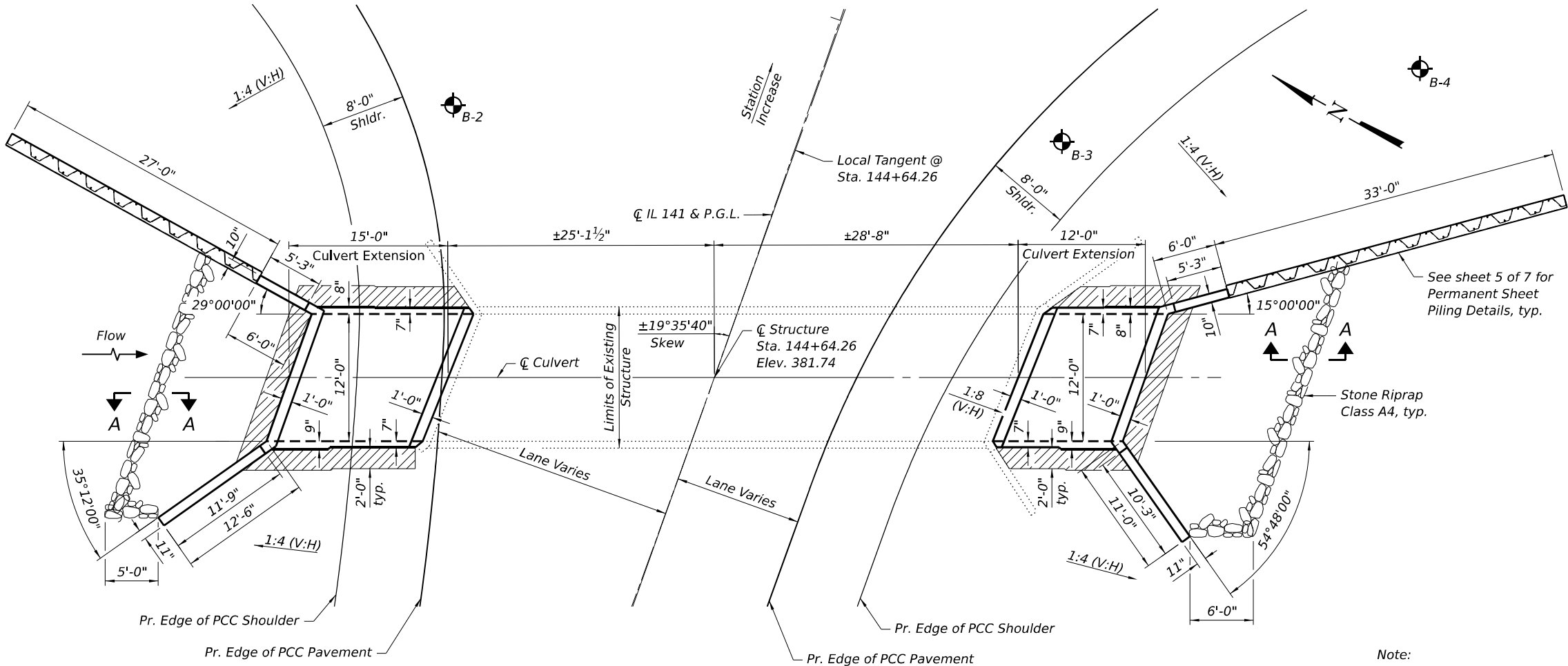
GALLATIN/WHITE COUNTY

STATION 144+64.26

STRUCTURE NO. 097-7012



LONGITUDINAL SECTION



PLAN

Note:
For Section A-A, see sheet 2 of 7.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 097-7012

SHEET 1 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
877	(110,101)N-1	GALLATIN/WHITE	83	56
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: S:\2022\22L043 - PTB 203-49 - D9 - Oates - Various Ph HIW023625 - IL 1-141 Culvert Extension\CADD\CADD Sheets\0977012-78A39-001-GPE.dgn
3/20/2025 11:43:08 AM



QUIGG ENGINEERING INC

USER NAME = kortega	DESIGNED - KFO	REVISED -
0977012-78A39-001-GPE.dgn	CHECKED - DRB	REVISED -
PLOT SCALE = 12.500' / in.	DRAWN - JDC	REVISED -
PLOT DATE =	CHECKED - MDC	REVISED -

GENERAL NOTES

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications. Cost shall be included in Concrete Box Culverts.

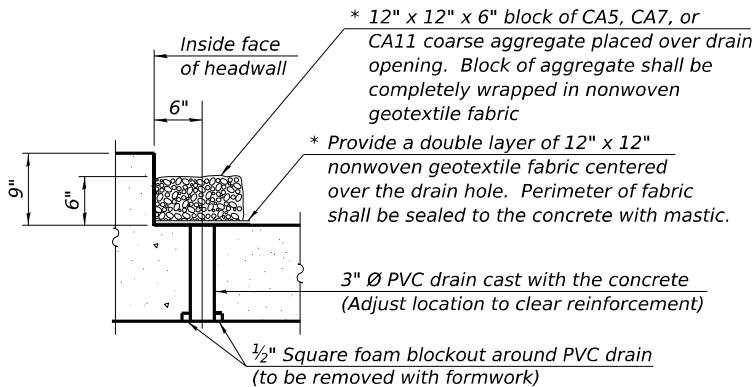
Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contract will be paid for the quantity actually furnished at the unit price bid for the work.

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.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

TOTAL BILL OF MATERIAL

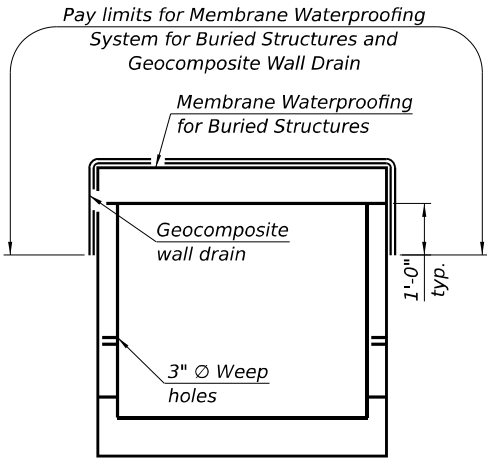
ITEM	UNIT	TOTAL
Stone Riprap, Class A4	Sq. Yd.	52
Filter Fabric	Sq. Yd.	52
Structure Excavation	Cu. Yd.	54.5
Removal & Disposal of Unsuitable Material for Structures	Cu. Yd.	40
Reinforcement Bars, Epoxy Coated	Pound	10,360
Permanent Sheet Piling	Sq. Ft.	1,309
Expansion Bolts ³ / ₄ Inch	Each	52
Concrete Box Culverts	Cu. Yd.	53.0
Geocomposite Wall Drain	Sq. Yd.	44
Membrane Waterproofing System for Buried Structures	Sq. Yd.	44
Rock Fill - Foundation	Ton	69



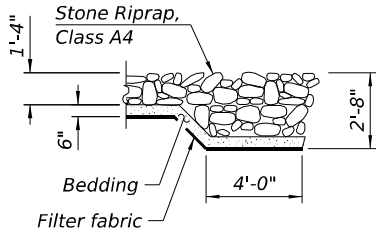
DRAIN DETAIL

(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.)

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



MEMBRANE WATERPROOFING FOR BURIED STRUCTURES AND GEOCOMPOSITE WALL DRAIN DETAIL



SECTION A-A

MODEL: Default
FILE NAME: S:\2022\22L043 - PTB 203-49 - D9 - Oates - Various Ph - HIW023c25 - IL 1-141 Culvert Extension\CADD\CADD Sheets\0977012-78A39-002-General_Details.dgn
3/20/2025 11:43:15 AM



QUIGG ENGINEERING INC

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PLOT DATE =	CHECKED - MDC	REVISED -

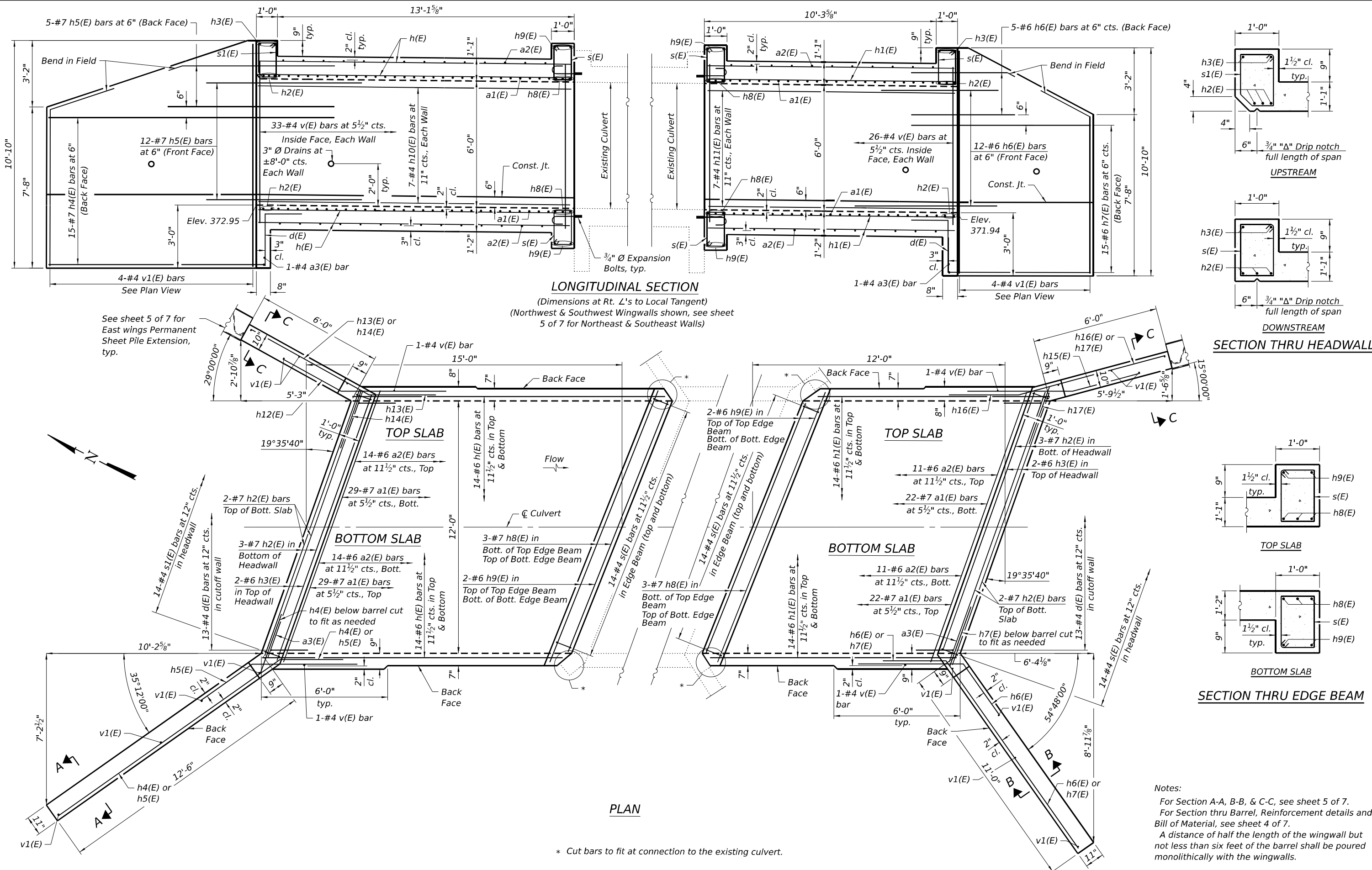
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DETAILS
STRUCTURE NO. 097-7012

SHEET 2 OF 7 SHEETS

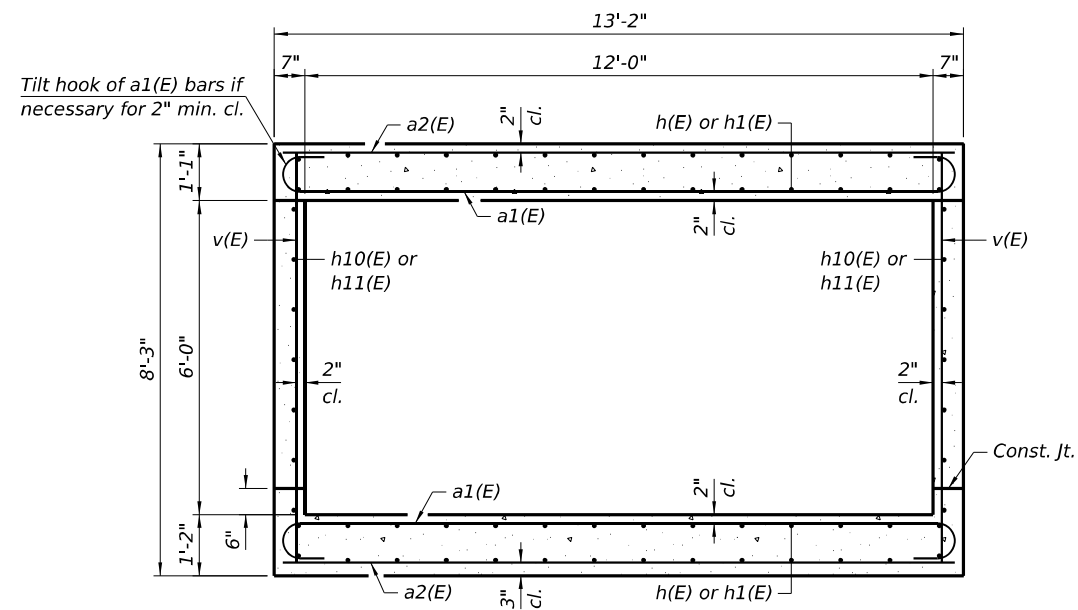
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
877	(110,101)N-1	GALLATIN/WHITE	83	57
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: S:\2022\221L043 - PTB 203-49 - D9 - Oates - Various Ph HIW023c25 - IL 1-141 Culvert Extension\CADD\CADD Sheets\0977012-78A39-003-Culvert_Extension_Details.dgn
3/20/2025 11:43:16 AM

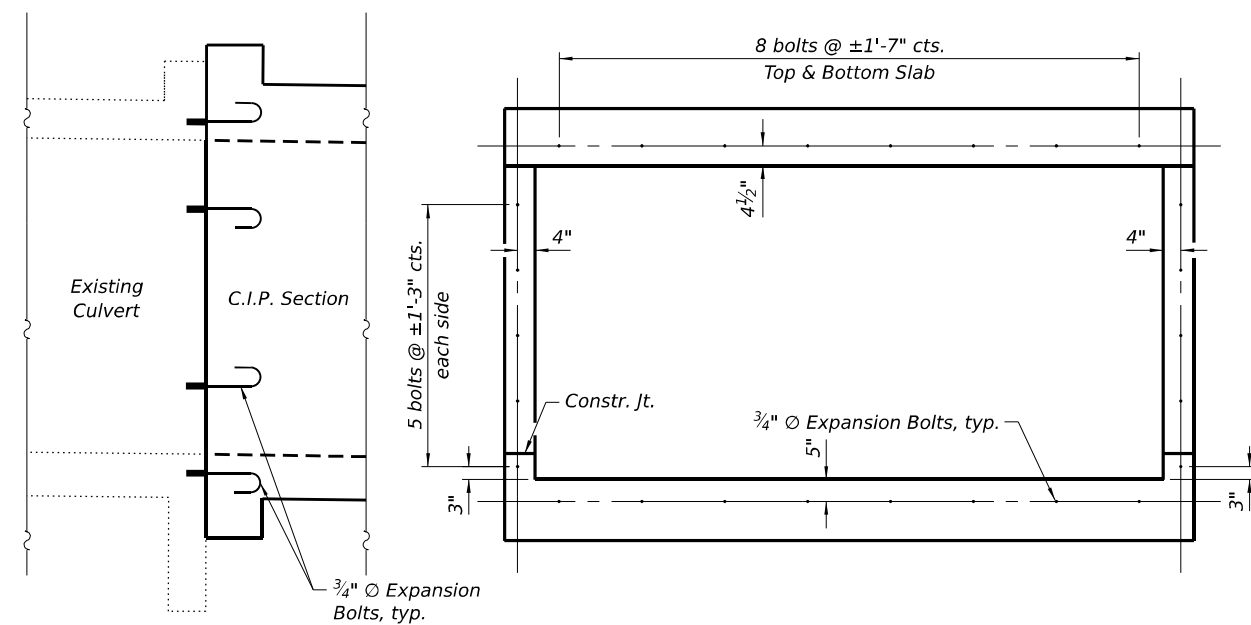


Notes:
For Section A-A, B-B, & C-C, see sheet 5 of 7.
For Section thru Barrel, Reinforcement details and Bill of Material, see sheet 4 of 7.
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

 QUIGG ENGINEERING INC	USER NAME = kortega	DESIGNED - KFO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT EXTENSION DETAILS STRUCTURE NO. 097-7012	SHEET 3 OF 7 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0977012-78A39-003-Culvert_Extension_Details.dgn	CHECKED - DRB	REVISED -				877	(110,101)N-1	GALLATIN/WHITE	83	58
	PLOT SCALE = 0.167' / in.	DRAWN - JDC	REVISED -				CONTRACT NO. 78A39				
	PLOT DATE =	CHECKED - MDC	REVISED -				ILLINOIS FED. AID PROJECT				



SECTION THRU BARREL

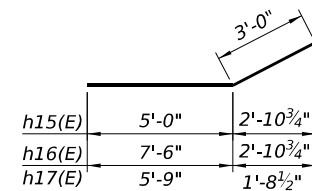


LONGITUDINAL SECTION

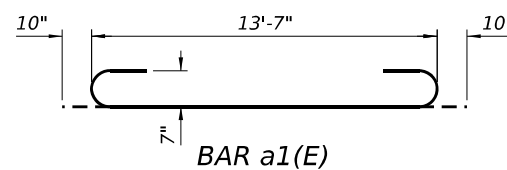
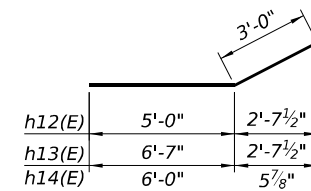
SECTION THRU BARREL

EXPANSION BOLT LAYOUT

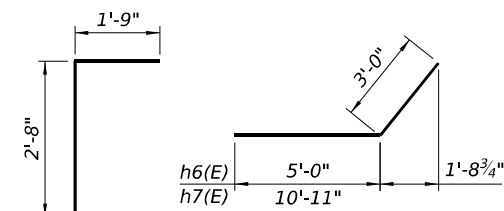
Note:
Expansion bolts shall be $\frac{3}{4}$ " $\varnothing$ hooked bolts.
Hooked bolts shall extend a minimum of 9"
into new concrete.



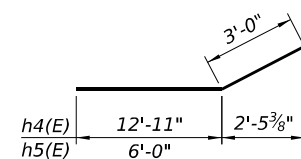
BARS $h_{15}(E)$, $h_{16}(E)$, & $h_{17}(E)$


$$\underline{BAR\ a1(E)}$$


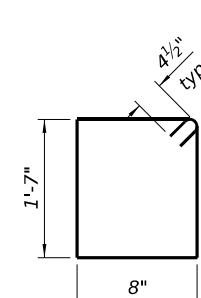
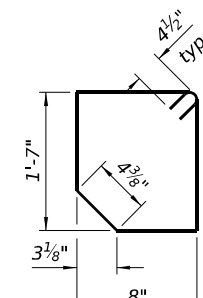
BARS $h_{12}(E)$, $h_{13}(E)$, & $h_{14}(E)$


$$\underline{BAR \ d(E)}$$

BARS $h6(E)$ & $h7(E)$

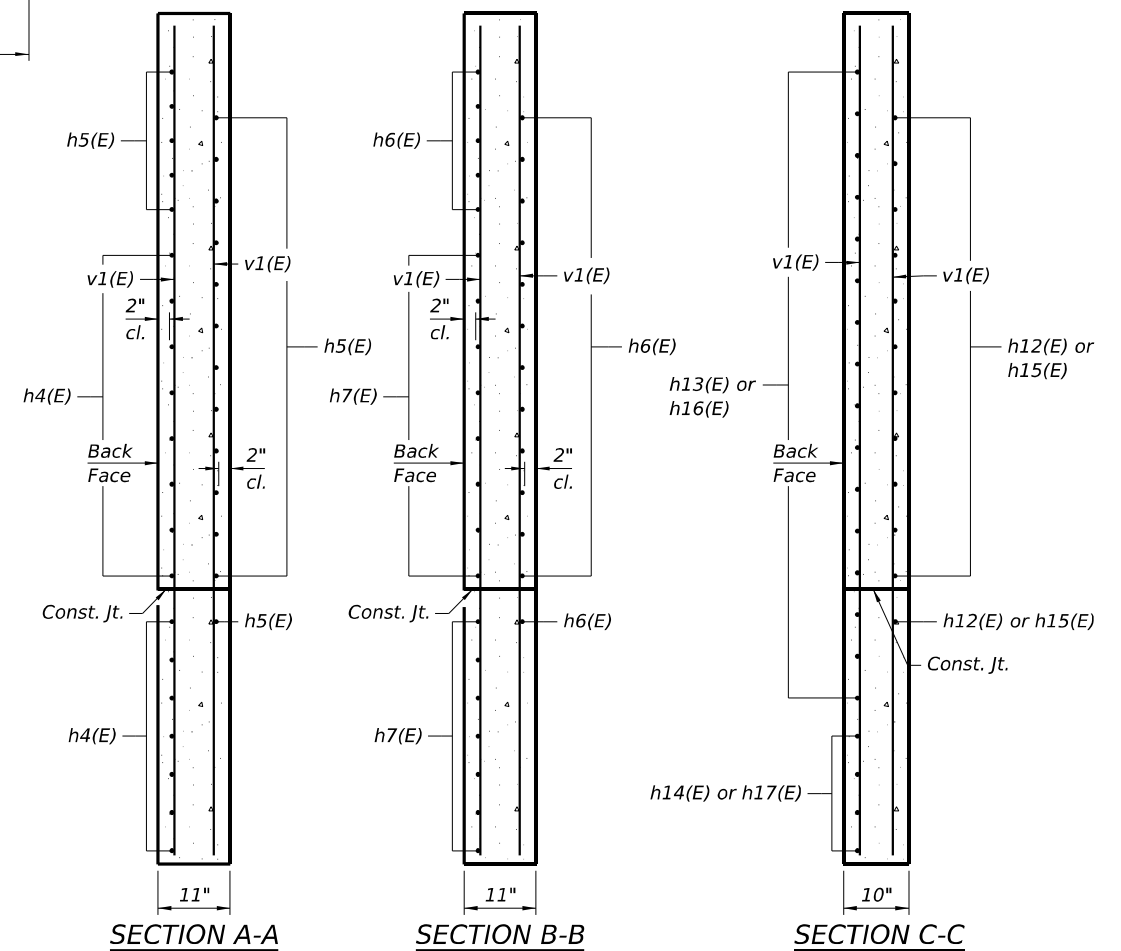
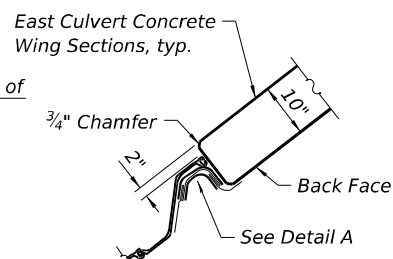
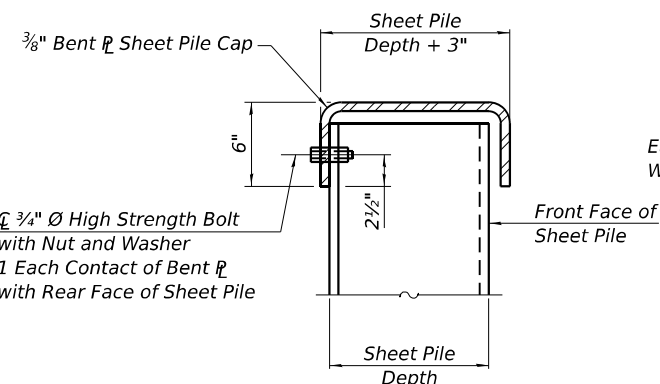
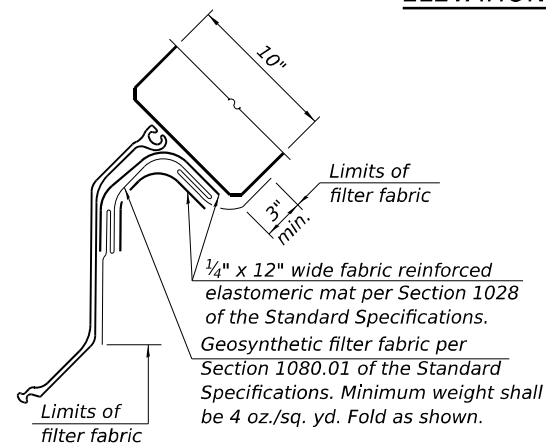
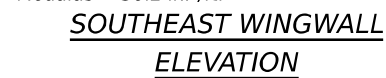
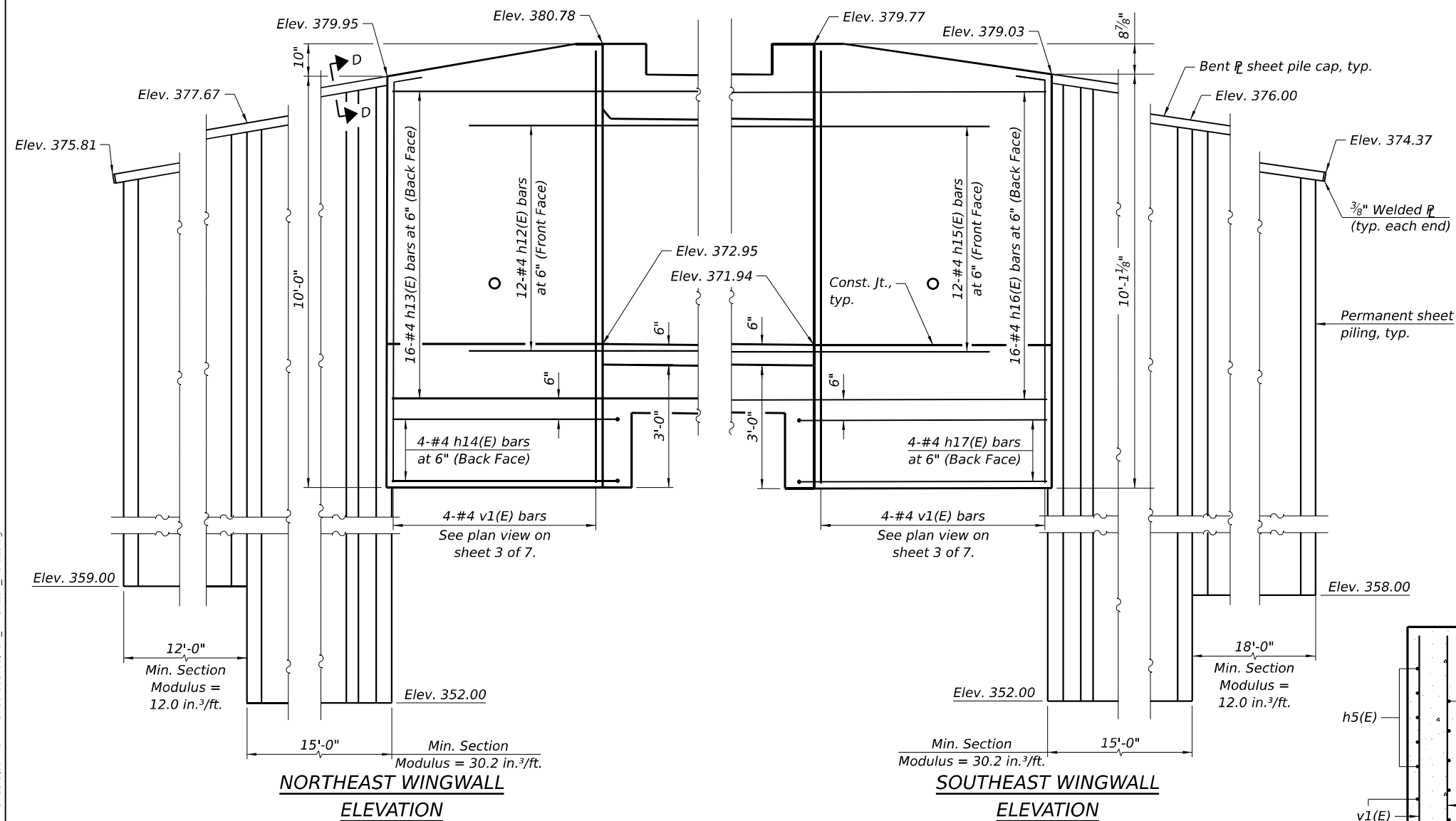


BARS $h_4(E)$ & $h_5(E)$


$$\underline{BAR\ s(E)}$$

$$\underline{BAR\ s1(E)}$$

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	102	#7	15'-3"	
a2(E)	50	#6	13'-7"	
a3(E)	2	#4	13'-7"	
d(E)	26	#4	4'-5"	
h(E)	56	#6	14'-8"	
h1(E)	56	#6	11'-8"	
h2(E)	10	#7	13'-2"	
h3(E)	4	#6	13'-2"	
h4(E)	15	#7	15'-11"	
h5(E)	17	#7	9'-0"	
h6(E)	17	#6	8'-0"	
h7(E)	15	#6	13'-11"	
h8(E)	12	#7	13'-7"	
h9(E)	8	#6	13'-7"	
h10(E)	14	#4	14'-8"	
h11(E)	14	#4	11'-8"	
h12(E)	12	#4	8'-0"	
h13(E)	16	#4	9'-7"	
h14(E)	4	#4	9'-0"	
h15(E)	12	#4	8'-0"	
h16(E)	16	#4	10'-6"	
h17(E)	4	#4	8'-9"	
s(E)	70	#4	5'-3"	
s1(E)	14	#4	5'-2"	
v(E)	122	#4	7'-10"	
v1(E)	16	#4	10'-5"	
Concrete Box Culverts			Cu. Yd.	53.0
Reinforcement Bars, Epoxy Coated			Pound	10,360
Expansion Bolts $\frac{3}{4}$ Inch			Each	52
Permanent Sheet Piling			Sq. Ft.	1,309



Notes:

For Section thru Barrel, Reinforcement details and Bill of Material, see sheet 4 of 7.

Sheet piling shall not be driven until the concrete strength has attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

The cost of furnishing and installing the bent ϕ sheet pile cap, fasteners, elastomeric mat, and filter fabric shall be included in the cost of Permanent Sheet Piling.

The Bent Plate Sheet Pile Cap shall be according to AASHTO M270 Grade 50W.



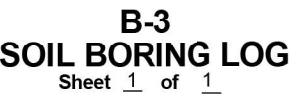
COUNTY	Gallatin County
SECTION	(110,101)N-1
ROUTE	IL-1/IL-141
MPS PROJECT NO.	MG23035.25
DATE	12/9/2024

DESCRIPTION	Flashing Beacon Foundation	DISTRICT	D-9		
LOCATION	Omaha, IL	CONSULTANT	Millennia Professional Services		
DRILLED BY	Holcomb Engineering	LOGGED BY	M. Jenkins	RIG TYPE	CME 550
DRILLING METHOD	Hollow Stem Augers	HAMMER TYPE	Automatic	EFFICIENCY	N/A

[illegible]

The Unconfined Compressive Strength (UCS) Qu column represents either the IDOT Rimac or AASHTO T 208 Test Procedure. The Qu failure mode is indicated by B for Bulge or S for Shear. P is a Pocket Penetrometer test. The Standard Penetration Test (SPT) N value is the sum of the second and third Blows /6 in. values in each sample using AASHTO T 206.

Printed 12/13/2024



COUNTY	Gallatin County
SECTION	(110,101)N-1
ROUTE	IL-1/IL-141
MPS PROJECT NO.	MG23035.25
DATE	12/9/2024

DESCRIPTION	Flashing Beacon Foundation	DISTRICT	D-9		
LOCATION	Omaha, IL	CONSULTANT	Millennia Professional Services		
DRILLED BY	Holcomb Engineering	LOGGED BY	M. Jenkins	RIG TYPE	CME 550
DRILLING METHOD	Hollow Stem Augers	HAMMER TYPE	Automatic	EFFICIENCY	N/A

NOTES	Elevation approximate		ELEV	DEPTH	BLOS	UCS	MOIST	Surface Water Elev. _____ ft		ELEV	DEPTH	BLOS	UCS	MOIST
	Station	N/A						Stream Bed Elev. _____ ft	Groundwater Elev.:					
Offset	0	ft												
Northing														
Easting														
Ground Surface Elev.	380	ft												
LITHOLOGY			(ft)	(ft)	(/6")	(tsf)	(%)	LITHOLOGY		(ft)	(ft)	(/6")	(tsf)	(%)
CRUSHED LIMESTONE (8")			379.25	0.75				Medium stiff to very stiff, brown and grey, moist, CLAY (continued)						
Soft to very stiff, brown, moist, SILTY CLAY					2							4		
					4	2.5	19					3	2.5	27
					4	S						4	S	
- grey below 3.5 ft.					2							3		
					4	2.1	20					3	1.2	26
					6	S						3	B	
- brown and grey below 6.0 ft.					2			- grey below 26.0 ft.				3		
					2		26					2	0.8	32
					2							3	B	
- wet below 8.5 ft.					2		27					2		
					2							2	1.2	29
					2							3	B	
					2									
					2	1.2	25	348.25 31.75						
					3	B		Very stiff, grey, moist, CLAY LOAM						
					1							4		
					2	1.2	28					10		26
					3	B						12		
364.50 15.5														
Medium stiff to very stiff, brown and grey, moist, CLAY					3									
					3	2.3	26	343.25 36.75						
					4	S		Very stiff, grey, moist, CLAY						
					2									
					3	2.5	22					4	3.5	22
					5	S						8	B	
								340.00 40				11		

The Unconfined Compressive Strength (UCS) Qu column represents either the IDOT Rimac or AASHTO T 208 Test Procedure. The Qu failure mode is indicated by B for Bulge or S for Shear. P is a Pocket Penetrometer test. The Standard Penetration Test (SPT) N value is the sum of the second and third Blows /6 in. values in each sample using AASHTO T 206.

Printed 12/13/2024



B-4
SOIL BORING LOG
Sheet 1 of 1

COUNTY Gallatin County
SECTION (110,101)N-1
ROUTE IL-1/IL-141
MPS PROJECT NO. MG23035.25
DATE 12/9/2024

DESCRIPTION Flashing Beacon Foundation
LOCATION Omaha, IL
DISTRICT D-9
CONSULTANT Millennia Professional Services
DRILLED BY Holcomb Engineering
LOGGED BY M. Jenkins
RIG TYPE CME 550
DRILLING METHOD Hollow Stem Augers
HAMMER TYPE Automatic
EFFICIENCY N/A

NOTES	Elevation approximate	E	D	B	U	M	Surface Water Elev.	ft	E	D	B	U	M
Station	N/A	L	E	L	C	O	Stream Bed Elev.	ft	L	E	L	C	O
Offset	0 ft	E	P	O	S	I	Groundwater Elev.:		V	T	W	S	I
Northing		V	H	S	Qu	T	First Encounter	349.0 ft					
Easting							Upon Completion	N/A ft					
Ground Surface Elev.	380 ft						After Hrs.	N/A ft					
		(ft)	(ft)	(/6")	(tsf)	(%)			(ft)	(ft)	(/6")	(tsf)	(%)
LITHOLOGY							LITHOLOGY						
TOPSOIL (3")	379.75	0.25					Soft to very stiff, light grey, moist, CLAY (continued)						
Soft to very stiff, reddish brown, moist, CLAY LOAM				0		19					4		
				2							4	2.5	28
				1							5	B	
				4							1		
				5	2.9	20					2	0.5	43
				4	S						2		
	374.50	5.5											
Very soft to medium stiff, grey, moist, SILTY CLAY				6							1		
				3		21					2	1.2	31
				3							2	B	
								352.00	28				
- wet below 8.5 ft.				1			Medium stiff, grey, moist, SILTY CLAY				0		
				1		31					2	1.0	21
				1							3	B	
	369.50	10.5											
Soft to very stiff, light grey, moist, CLAY				2									
				2	1.4	25		348.25	31.75				
				2	S		Loose, grey, moist, SAND, fine-grained						
				2							3		
- light brown and grey below 13.5 ft.				4	2.3	25					4		27
				5	S		- water added to augers due to heaving sand				5		
				3									
				3	1.6	27		343.25	36.75				
				5	S		Very stiff, dark grey, moist, CLAY						
				3							4		
				4	2.7	27					6	2.7	19
				5	S						10	B	
								340.00	40				

End of Boring

The Unconfined Compressive Strength (UCS) Qu column represents either the IDOT Rimac or AASHTO T 208 Test Procedure. The Qu failure mode is indicated by B for Bulge or S for Shear. P is a Pocket Penetrometer test. The Standard Penetration Test (SPT) N value is the sum of the second and third Blows /6 in. values in each sample using AASHTO T 206.

Printed 12/13/2024

MODEL: Default
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3/20/2025 11:43:23 AM



QUIGG ENGINEERING INC

USER NAME = kortega	DESIGNED - KFO	REVISED -
0977012-78A39-007-Soil Borings 2.dgn	CHECKED - DRB	REVISED -
PLOT SCALE = 0.167' / in.	DRAWN - JDC	REVISED -
PLOT DATE =	CHECKED - MDC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS (2 OF 2)
STRUCTURE NO. 097-7012

SHEET 7 OF 7 SHEETS

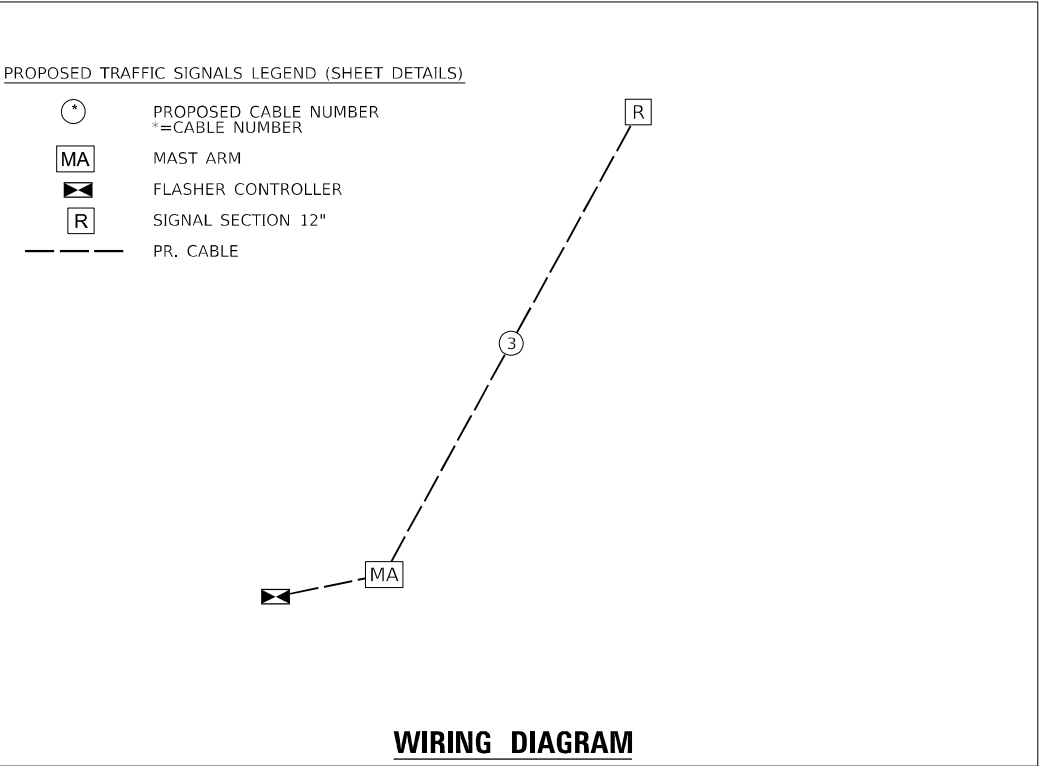
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
877	(110,101)N-1	GALLATIN/WHITE	83	62
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

FLASHING BEACON NOTES

1. ALL MOUNTING HARDWARE SHALL BE ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
2. THE PROPOSED MAST ARM WILL BE LOCATED NO CLOSER THAN 10' FROM EDGE OF PAVEMENT TO CENTER OF POLE (UNLESS OTHERWISE NOTED AND/OR APPROVED BY TRAFFIC OPERATIONS).
3. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
4. 2" CONDUIT SHALL BE ALLOWED IN MAST ARM FOUNDATION LIEU OF 2.5" CONDUIT.
5. EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.
6. THE FOLLOWING IDOT STANDARDS SHALL APPLY TO CONSTRUCTION OF THE SIGNALS: 000001, 805001, 838001, 873001, 877001, 878001, 880006.

FLASHING BEACON BILL OF MATERIAL

CODE NUMBER	ITEM	UNIT	QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	10
85800100	FLASHER CONTROLLER	EACH	1
87301225	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	106
87801900	ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	18
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT	EACH	1
87800415	CONCRETE FOUNDATION, TYPE E, 36-IN DIA	FOOT	15
88040410	SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1 SECTION, MAM	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
X8302125	WOOD POLE, 25 FT, CLASS 4	EACH	1



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON GENERAL NOTES, DETAILS, AND BILL OF MATERIAL
IL ROUTE 141 WITH IL ROUTE 1

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

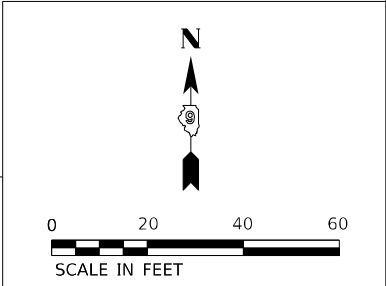
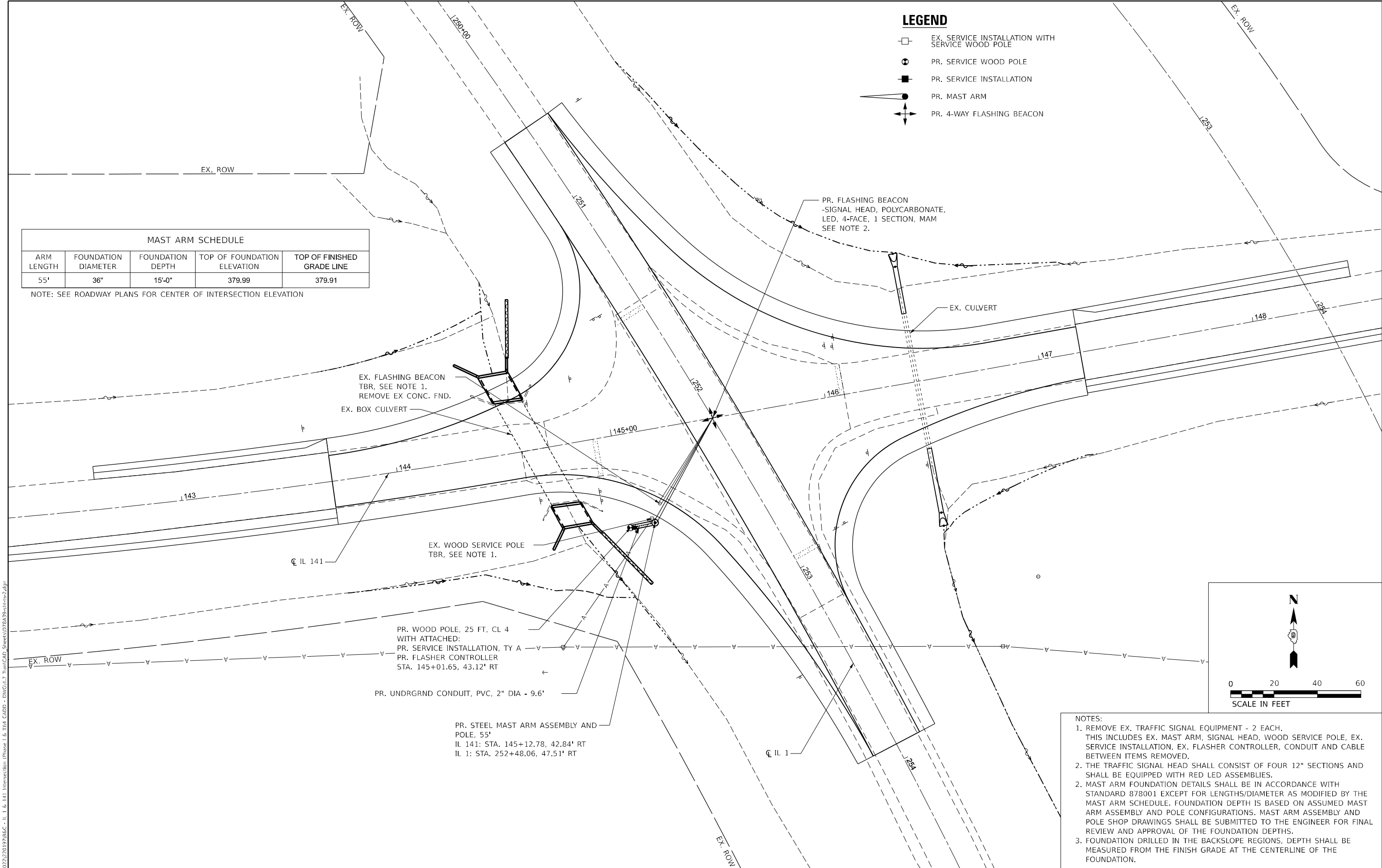
F.A.P. RTE. 782/ 877	SECTION (110,101)M-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 63
CONTRACT NO. 78A39				
		ILLINOIS	FED. AID PROJECT	

MAST ARM SCHEDULE				
ARM LENGTH	FOUNDATION DIAMETER	FOUNDATION DEPTH	TOP OF FOUNDATION ELEVATION	TOP OF FINISHED GRADE LINE
55'	36"	15'-0"	379.99	379.91

NOTE: SEE ROADWAY PLANS FOR CENTER OF INTERSECTION ELEVATION

LEGEND

- EX. SERVICE INSTALLATION WITH SERVICE WOOD POLE
- PR. SERVICE WOOD POLE
- PR. SERVICE INSTALLATION
- PR. MAST ARM
- PR. 4-WAY FLASHING BEACON



- NOTES:
1. REMOVE EX. TRAFFIC SIGNAL EQUIPMENT - 2 EACH, THIS INCLUDES EX. MAST ARM, SIGNAL HEAD, WOOD SERVICE POLE, EX. SERVICE INSTALLATION, EX. FLASHER CONTROLLER, CONDUIT AND CABLE BETWEEN ITEMS REMOVED.
 2. THE TRAFFIC SIGNAL HEAD SHALL CONSIST OF FOUR 12" SECTIONS AND SHALL BE EQUIPPED WITH RED LED ASSEMBLIES.
 2. MAST ARM FOUNDATION DETAILS SHALL BE IN ACCORDANCE WITH STANDARD 878001 EXCEPT FOR LENGTHS/DIAMETER AS MODIFIED BY THE MAST ARM SCHEDULE. FOUNDATION DEPTH IS BASED ON ASSUMED MAST ARM ASSEMBLY AND POLE CONFIGURATIONS. MAST ARM ASSEMBLY AND POLE SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR FINAL REVIEW AND APPROVAL OF THE FOUNDATION DEPTHS.
 3. FOUNDATION DRILLED IN THE BACKSLOPE REGIONS, DEPTH SHALL BE MEASURED FROM THE FINISH GRADE AT THE CENTERLINE OF THE FOUNDATION.



B-1
SOIL BORING LOG
Sheet 1 of 1

COUNTY Gallatin County
SECTION (110,101)N-1
ROUTE IL-1/IL-141
MPS PROJECT NO. MG23035.23
DATE 8/23/2024

DESCRIPTION Flashing Beacon Foundation DISTRICT D-9
LOCATION OMAHA, IL CONSULTANT HOLCOMB ENGINEERING
DRILLED BY DANIEL RUSSEL LOGGED BY B. NEPAL RIG TYPE CME 550
DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTO EFFICIENCY

NOTES	Elevation is approximate	E	D	B	U	M	Surface Water Elev.	ft	E	D	B	U	M
Station		L	E	L	C	O	Stream Bed Elev.	ft	L	E	L	C	O
Offset	0 ft	E	P	O	S	I	Groundwater Elev.:		E	P	O	S	I
Northing		V	T	W	Qu	S	First Encounter	ft	V	T	W	Qu	S
Easting		H	S			T	Upon Completion	358.0 ft	H	S			T
Ground Surface Elev.	380 ft						After Hrs.	ft					
		(ft)	(ft)	(/6")	(tsf)	(%)			(ft)	(ft)	(/6")	(tsf)	(%)
LITHOLOGY							LITHOLOGY						
TOPSOIL (6")	379.50	0.5					Medium stiff to stiff, brown and grey, CLAY (continued)						
Soft to stiff, brownish grey, SILTY CLAY			4				- soft and moist at 20.5 ft.			0			
			3	1.0	24				0	0.3	51		
			2	S					0	B			
			1										
			2	0.4	26		Medium stiff, brown and black, SILTY CLAY LOAM , trace organics	356.00	24	0	1	1.2	45
			2	B				355.00	25	2	B		
- trace fine sand below 6 ft.							End of Boring						
			3										
			3	1.7	24								
			4	S									
			1										
			3	2.1	25								
			3	B									
	369.50	10.5											
Medium stiff to stiff, brown and grey, CLAY			2										
			4	1.9	26								
			4	S									
			2										
			4	2.4	23								
			5	B									
- grey, silt below 15.5 ft.													
			2										
			4	1.6	31								
			4	B									
			1										
			2	1.5	38								
			3	B									

The Unconfined Compressive Strength (UCS) Qu column represents either the IDOT Rimac or AASHTO T 208 Test Procedure. The Qu failure mode is indicated by B for Bulge or S for Shear. P is a Pocket Penetrometer test. The Standard Penetration Test (SPT) N value is the sum of the second and third Blows /6 in. values in each sample using AASHTO T 206.
Printed 8/28/2024

MODEL: Default
FILE NAME: P:\2022\22019786C - IL 1 & 141 Intersection (Phase I & IIV) CADD - DWG\4.7 TentCAD_Sheets\078A39-IL1CS-3.dgn



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

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DESIGNED - TBP
DRAWN - JRT
PLOT SCALE = 40,000 ' / in.
CHECKED -
PLOT DATE = 3/20/2025
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

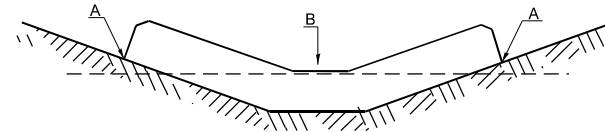
SOIL BORING LOG
FLASHING BEACON MAST ARM

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	65
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

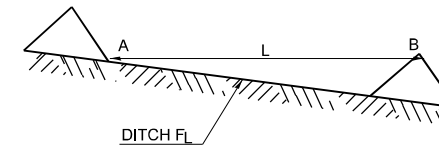
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS



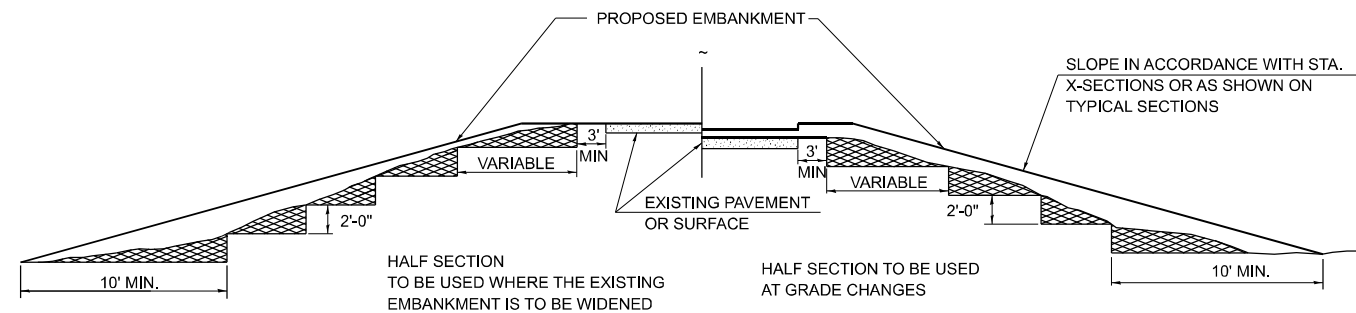
L = THE DISTANCE SUCH THAT POINTS
A AND B ARE OF EQUAL ELEVATION

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

TYPICAL CROSS SECTION SHOWING
STEP CONSTRUCTION ON EXISTING FILL

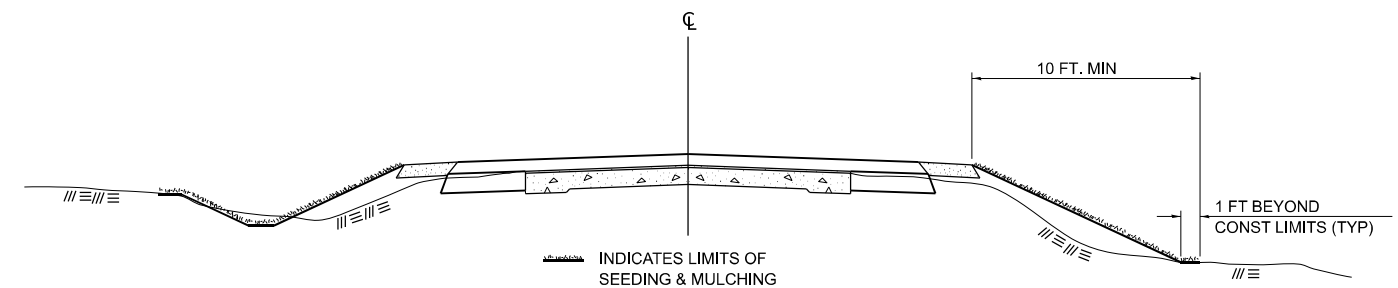


 STEPS SHALL BE CUT IN THE EXISTING SLOPE IN ACCORDANCE WITH ART. 205.03 EXCEPT THAT THE REQUIREMENT THAT STEPS SHALL BE CUT INTO THE EXISTING SLOPE BEFORE THE CONSTRUCTION OF THE EXISTING EMBANKMENT IS STARTED SHALL NOT APPLY. MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 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

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



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

USER NAME	= jtrebilcock
PLOT SCALE	= 50.000' /
PLOT DATE	= 3/20/2025

DESIGNED	-	TBP
DRAWN	-	JRT
CHECKED	-	
DATE	-	

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 9 DETAILS

SCALE: N.T.S.

SHEET 1

OF 1

SHEET

S	STA.
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TO STA

F.A.P.
RTE.
782/
877

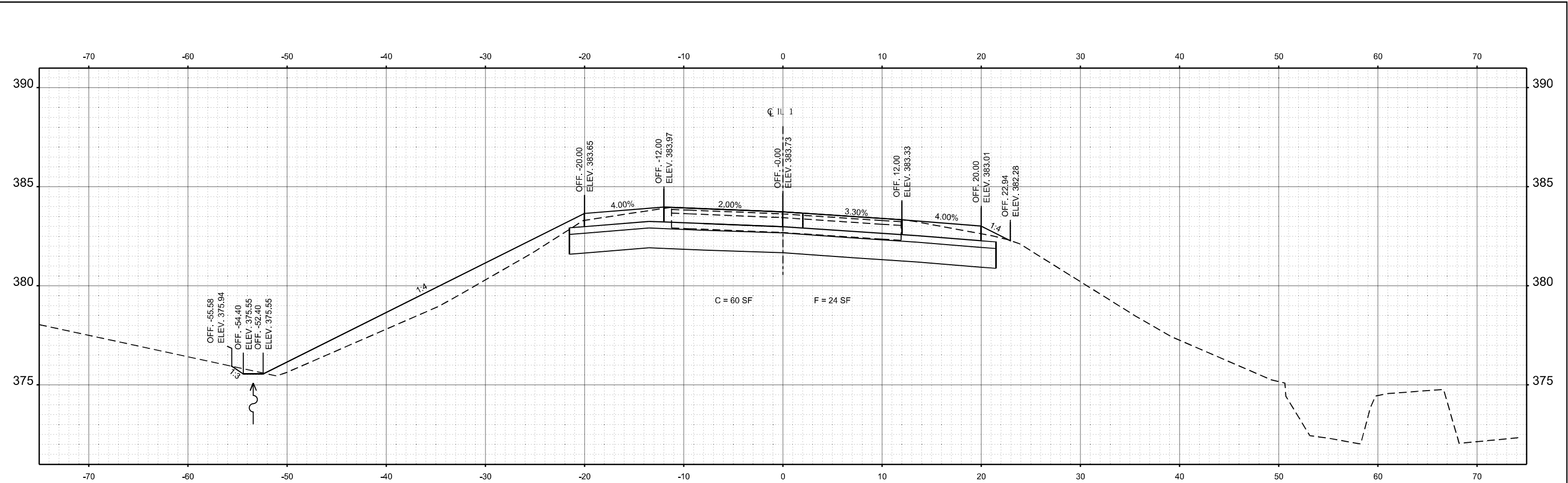
SECTION
(110,101)N-1

COUNT
GALLATI
WHITE

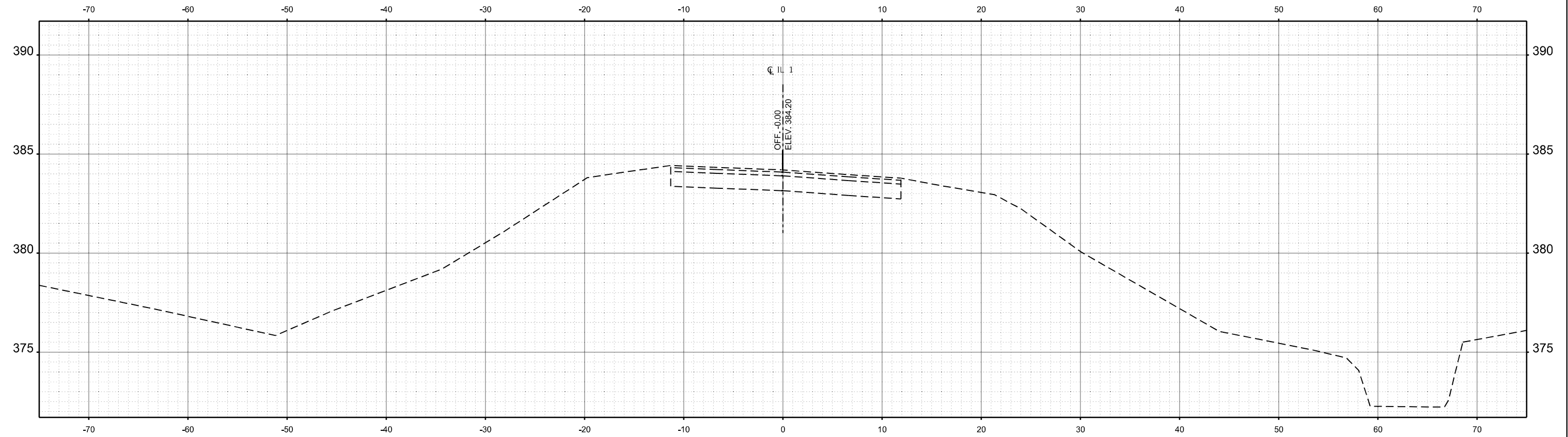
	TOTAL SHEETS	SHEET NO.
7	83	66

		CONTR
ILLINOIS	FED. AID PROJECT	

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STA 250+61.17



STA 250+25.00



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

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PLOT SCALE = 10.000000000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

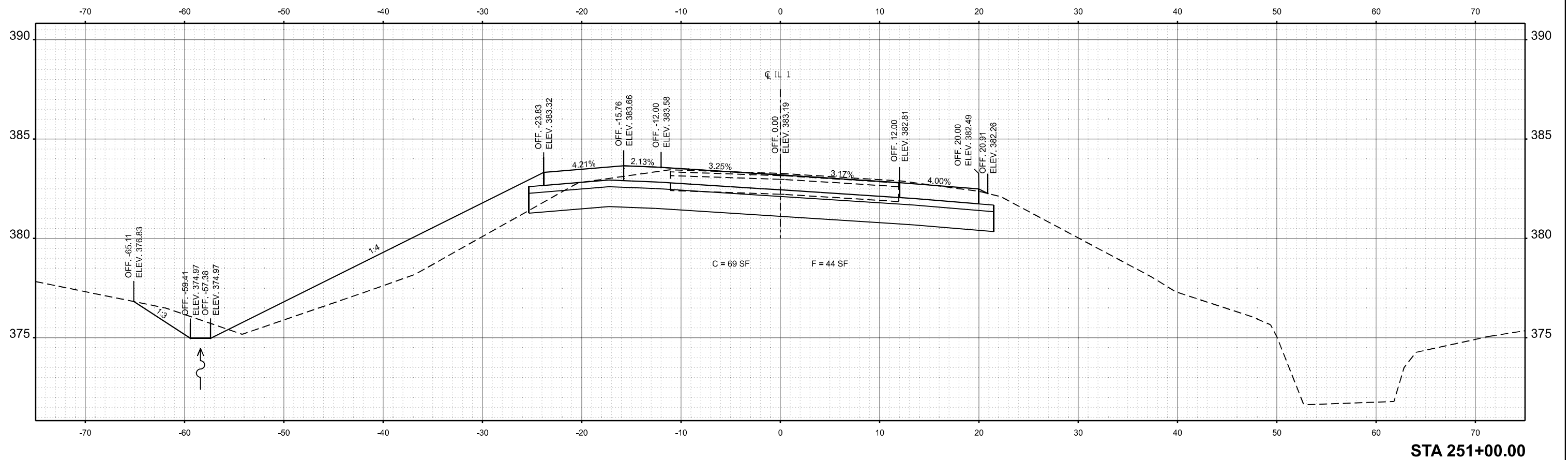
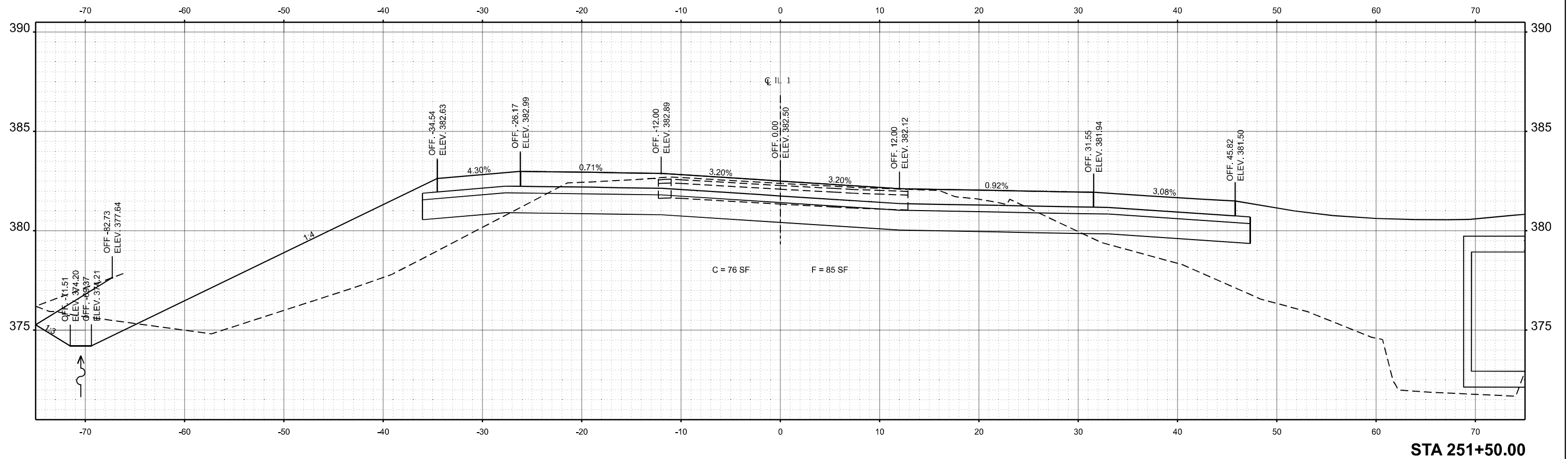
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 1

SCALE: 1" = 5' SHEET 1 OF 6 SHEETS STA. 250+25.00 TO STA. 250+61.17

F.A.P. RTE. 7827 877	SECTION (110,101)N+1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 67
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



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

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PLOT SCALE = 10.00000000' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

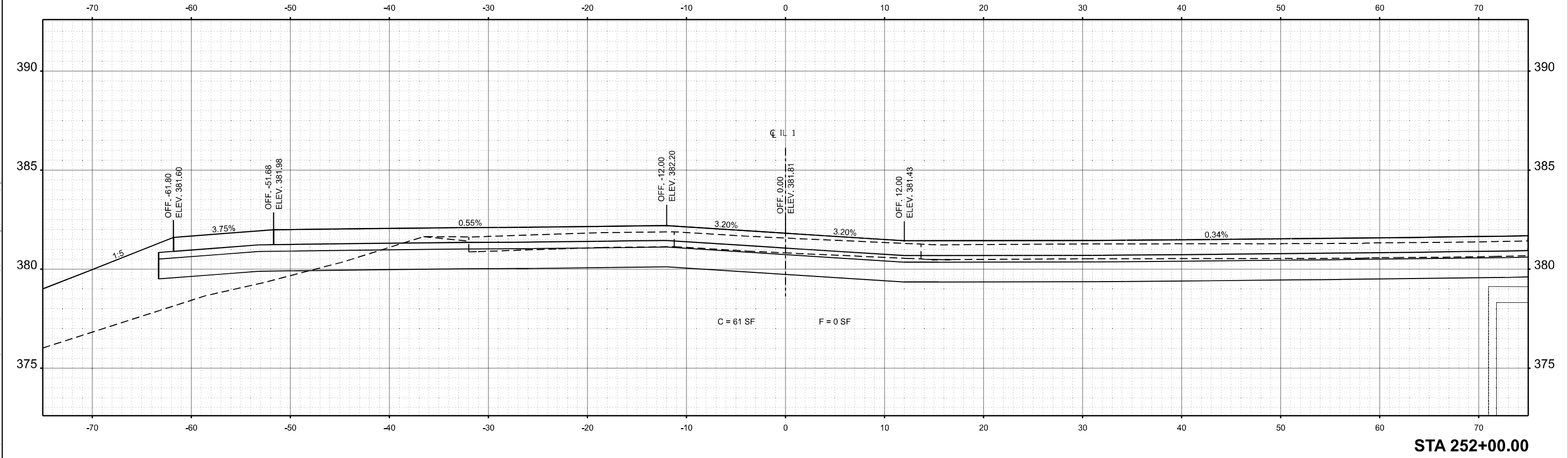
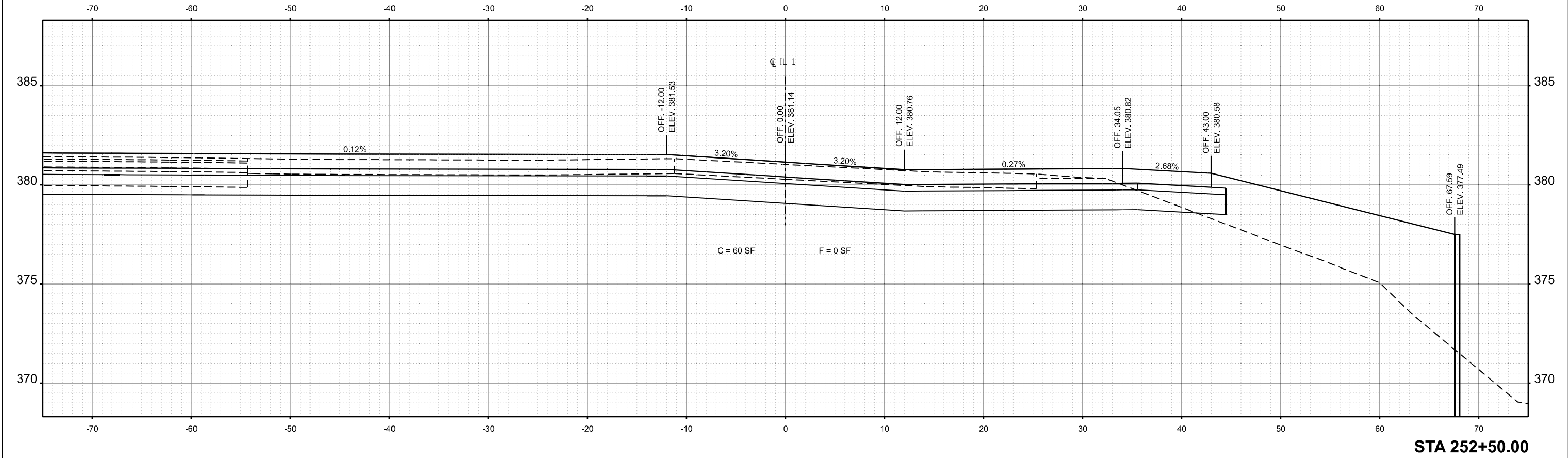
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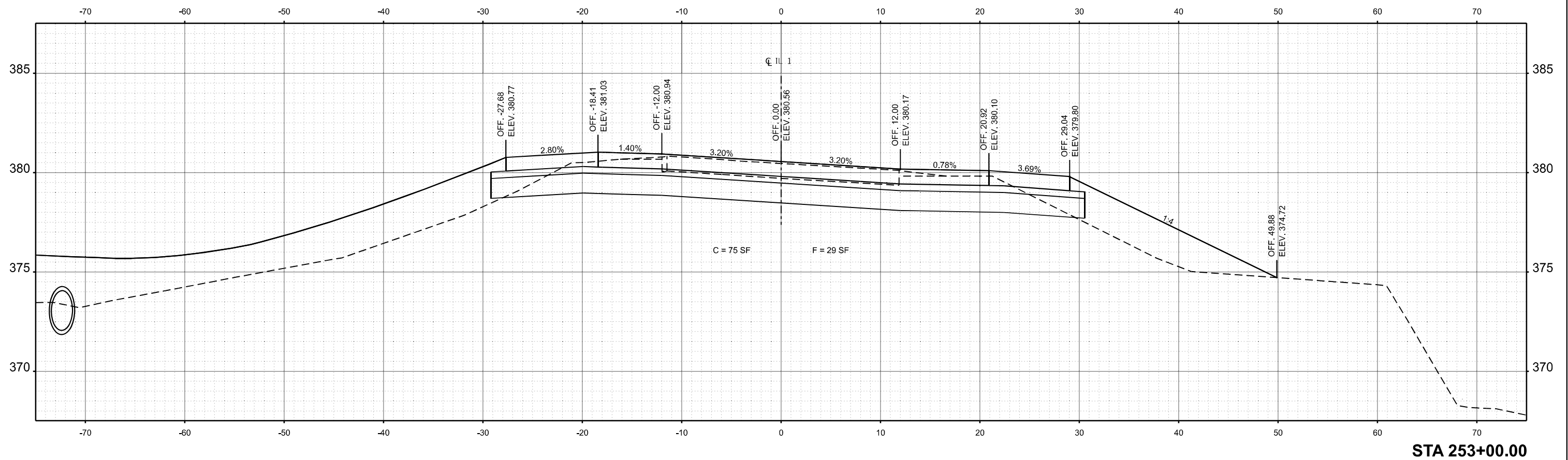
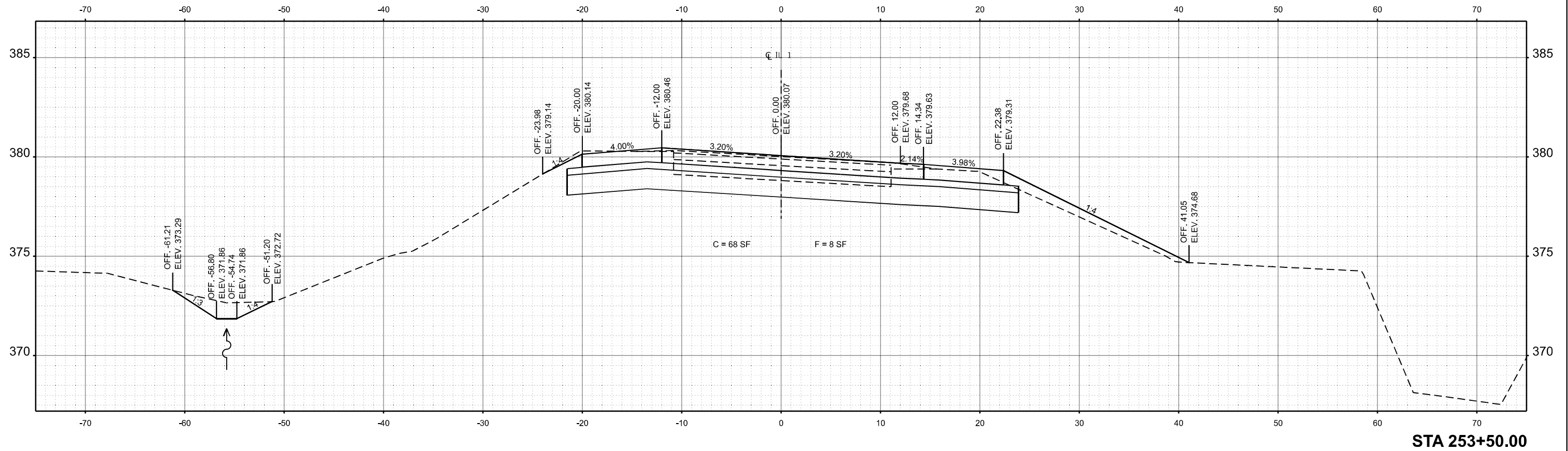
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 1

SCALE: 1" = 5' SHEET 3 OF 6 SHEETS STA. 252+00.00 TO STA. 252+50.00

F.A.P. RTE. 7827 877	SECTION (110.101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 69
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				





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

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PLOT SCALE	= 10.000000
PLOT DATE	= 3/20/2025

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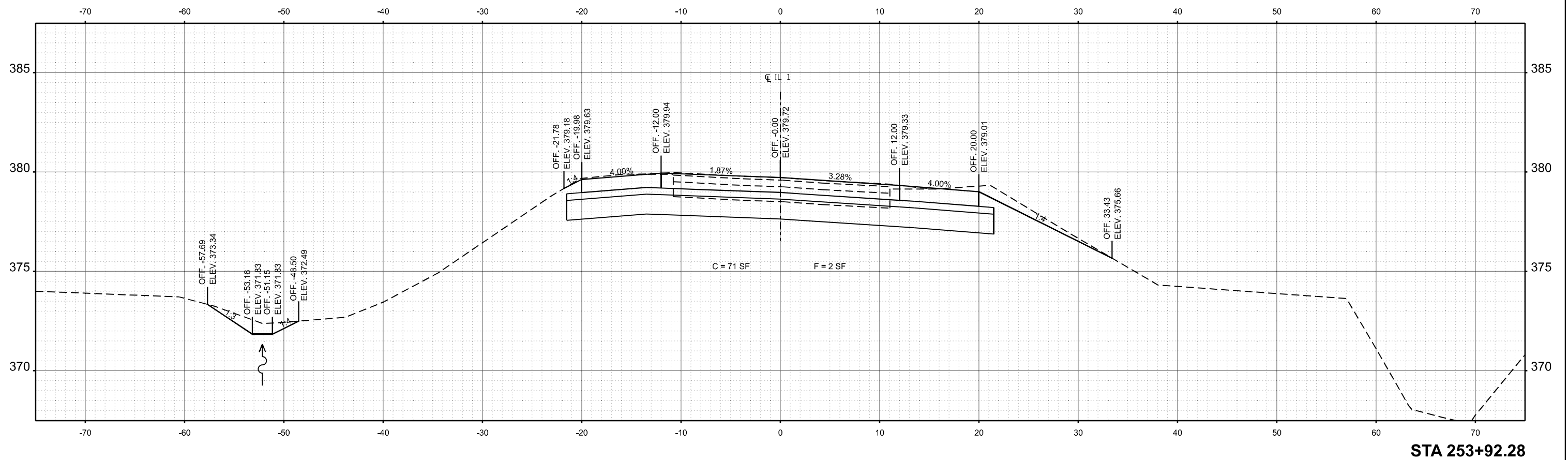
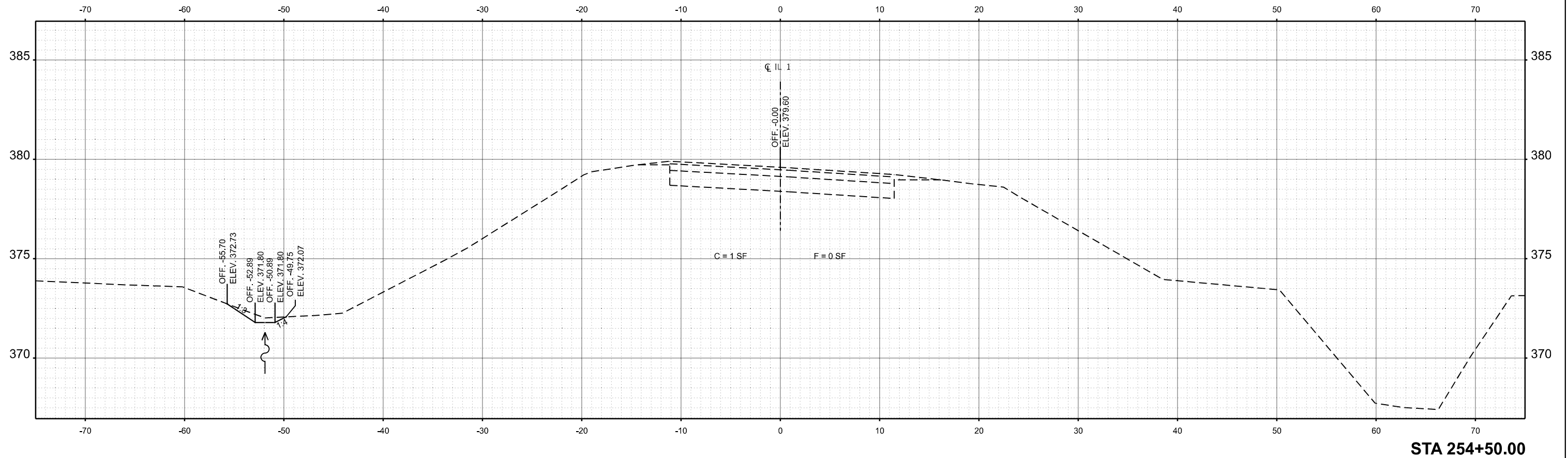
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 1

SCALE: 1" = 5'

SHEET 4	OF 6	SHEETS	STA. 253+00.00	TO STA. 253+50.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	70
		CONTRACT NO. 78A39		
ILLINOIS		FED. AID PROJECT		



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= jtrebilcock
PLOT SCALE	= 10.000000
PLOT DATE	= 3/20/2025

DESIGNED	-	TBP
DRAWN	-	JRT
CHECKED	-	
DATE	-	

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 1

SCALE: 1" = 5'	SHEET 5	OF 6	SHEETS	STA. 253+92.28	TO STA. 254+50.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/ 877	(110,101)N-1	GALLATIN/ WHITE	83	71
CONTRACT NO. 78A39				
ILLINOIS		FED. AID PROJECT		

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

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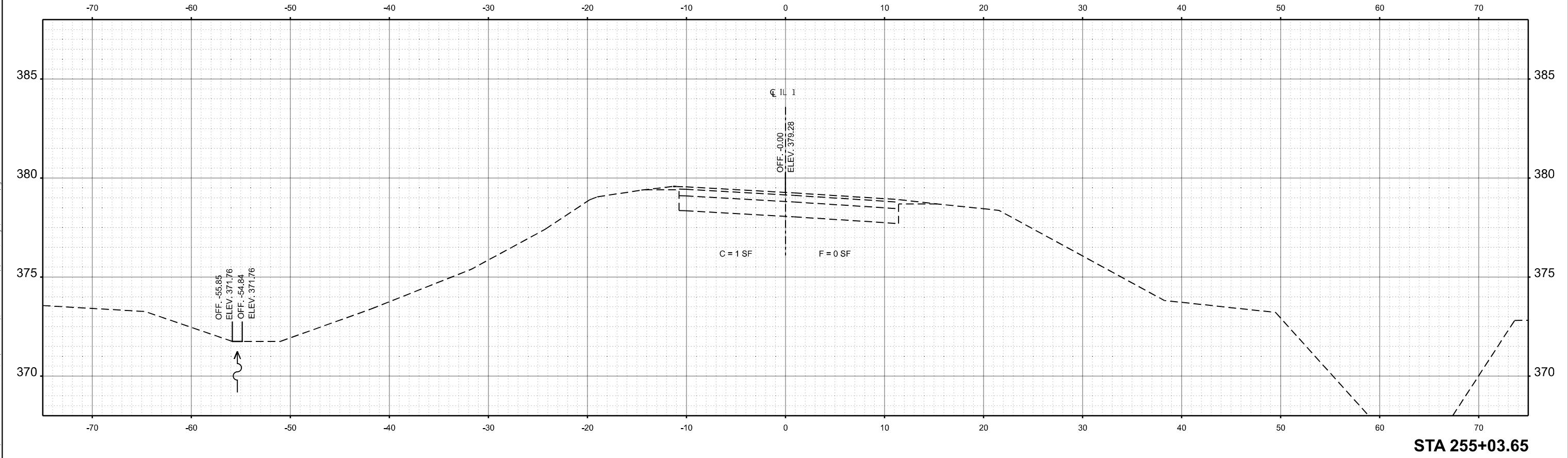
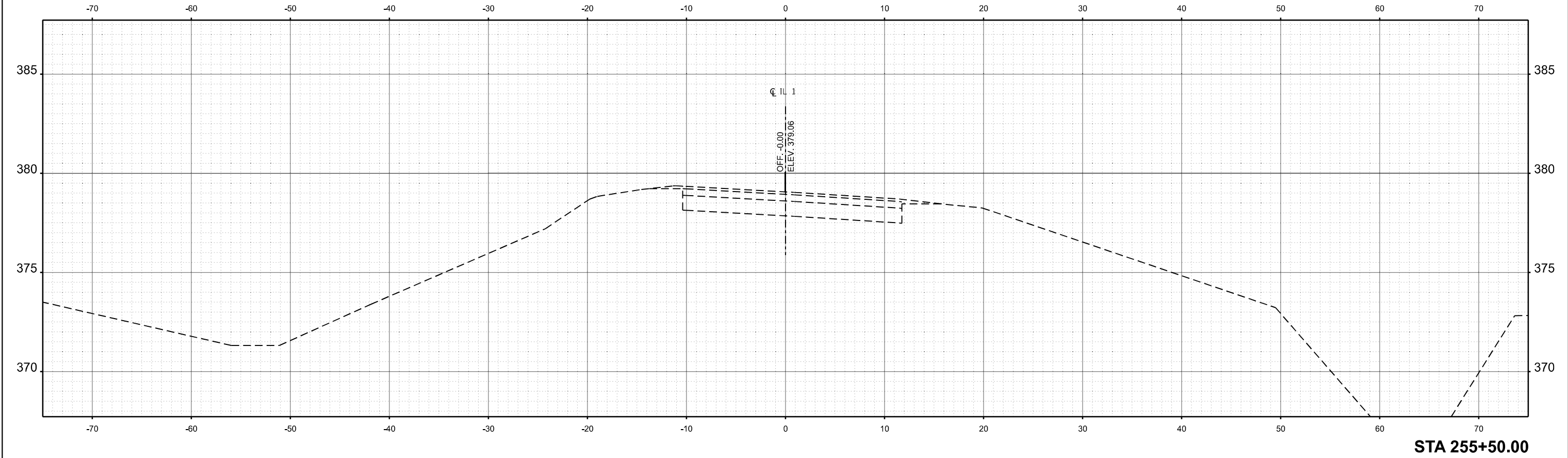
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

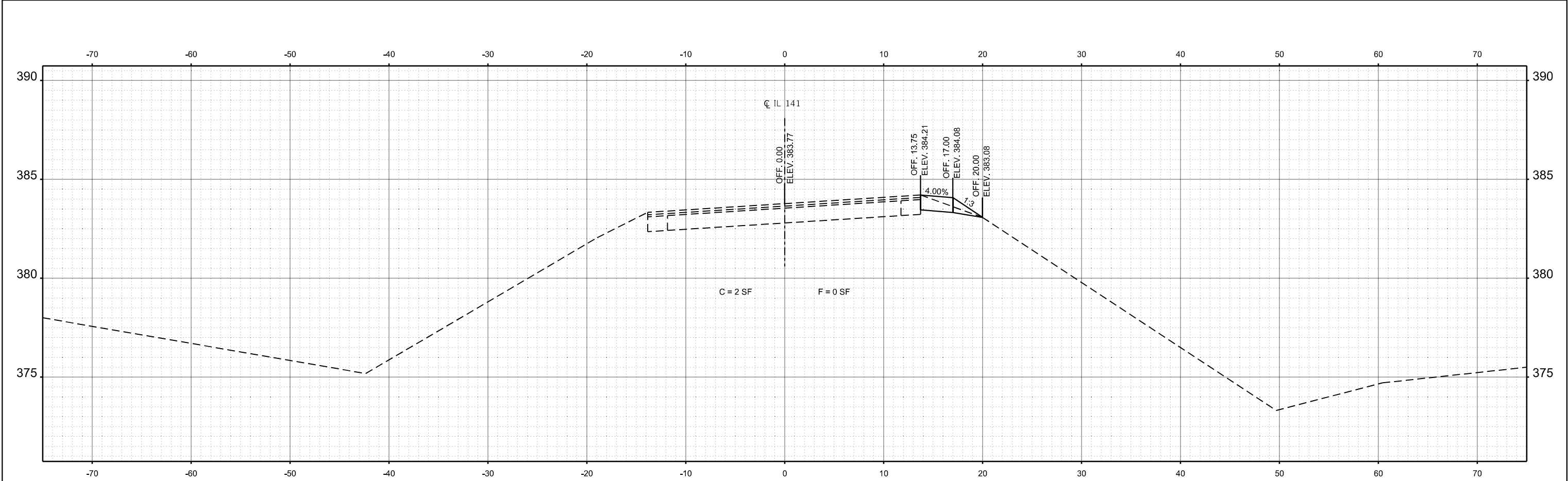
CROSS SECTIONS
IL 1

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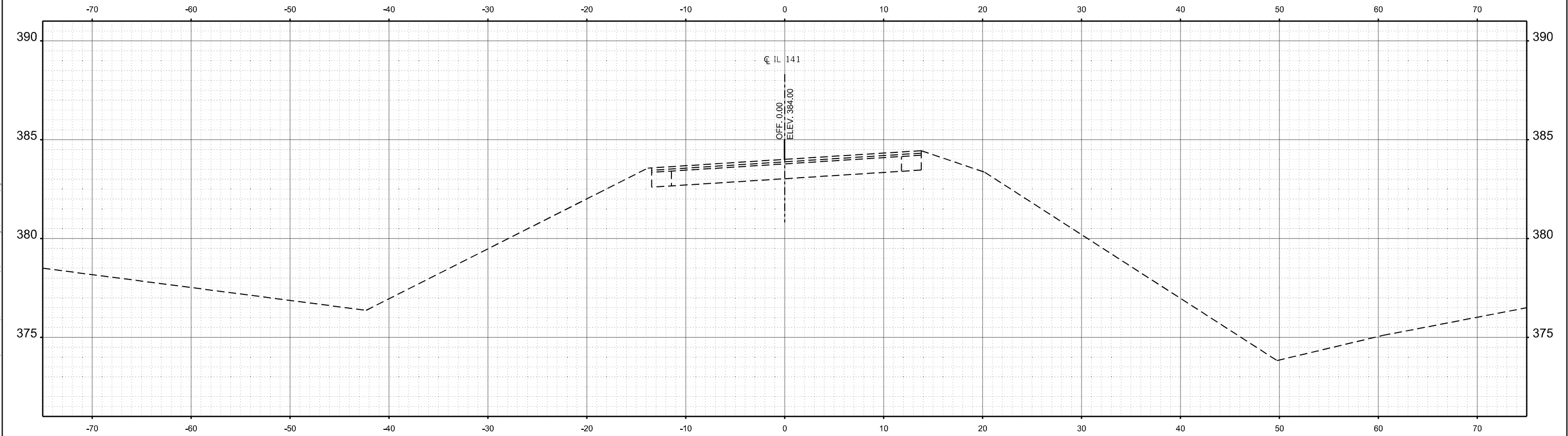
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7827 877	(110,101)N-1	GALLATIN/ WHITE	83	72
CONTRACT NO. 78A39				
		ILLINOIS	FED. AID PROJECT	



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STA 141+49.64



STA 141+00.00



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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = jtrebilcock
PLOT SCALE = 10.00000000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 141

SCALE: 1" = 5' SHEET 1 OF 11 SHEETS STA. 141+00.00 TO STA. 141+49.64

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	73
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				

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

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PLOT DATE = 3/20/2025

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DATE -

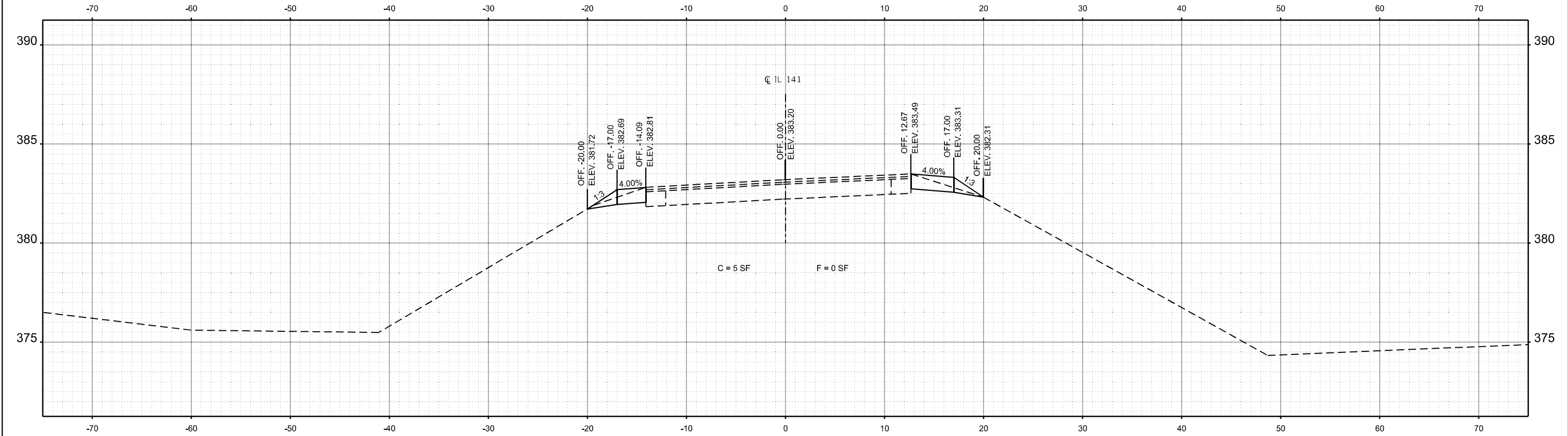
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

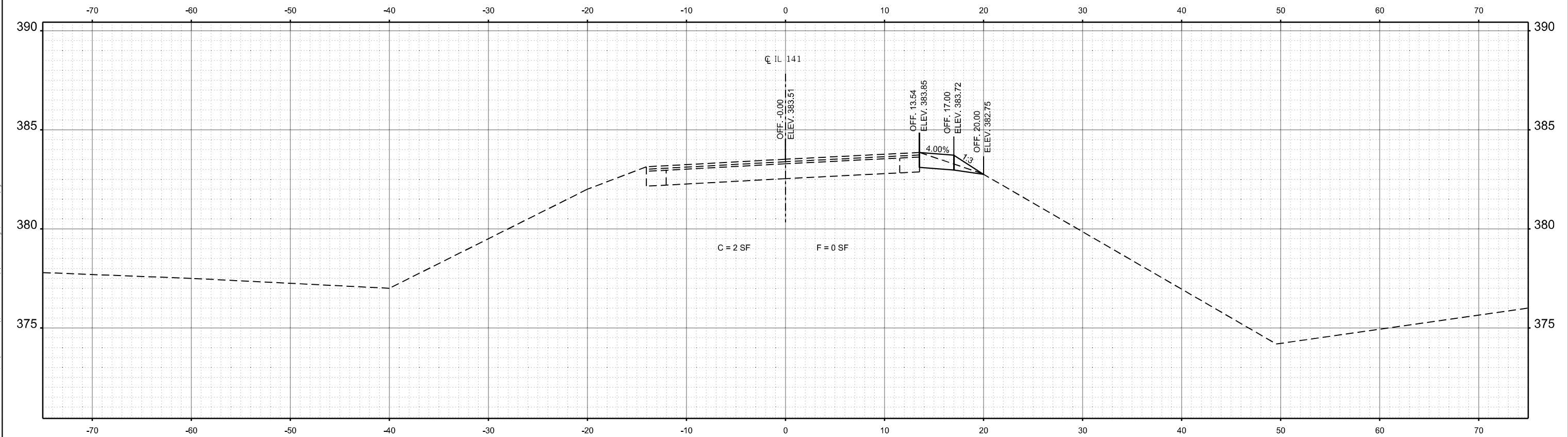
CROSS SECTIONS
IL 141

SCALE: 1" = 5'	SHEET 2	OF 11 SHEETS	STA. 142+00.00	TO STA. 142+60.75
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7827 877	(110,101)N-1	GALLATIN/ WHITE	83	74
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



STA 142+60.75



STA 142+00.00

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

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PLOT DATE = 3/20/2025

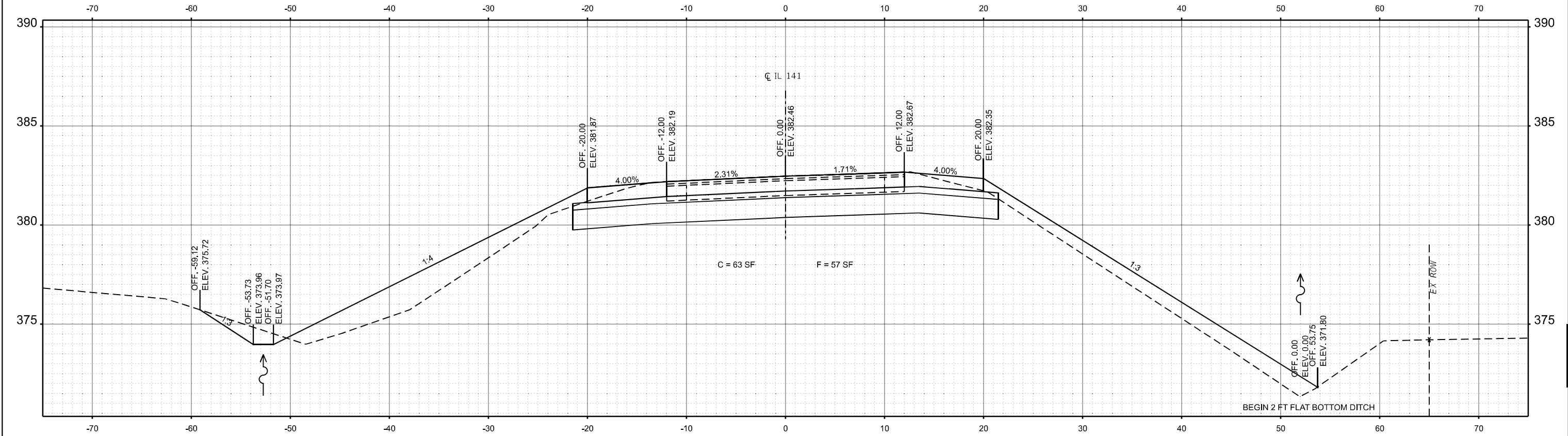
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

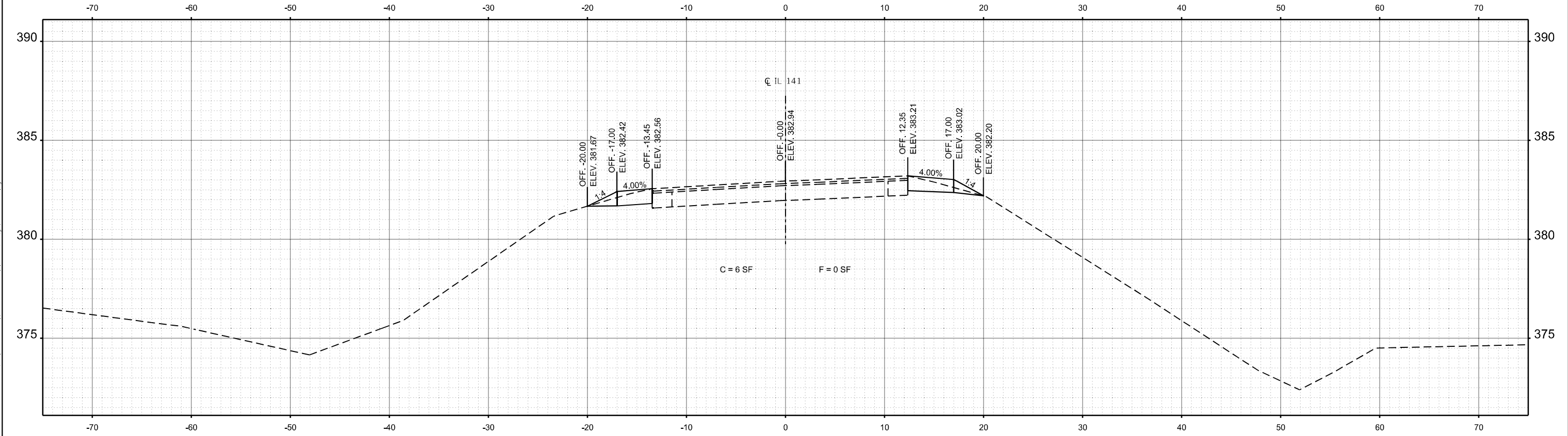
CROSS SECTIONS
IL 141

SCALE: 1" = 5' SHEET 3 OF 11 SHEETS STA. 143+00.00 TO STA. 143+69.79

F.A.P. RTE. 782/ 877	SECTION (110,101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 75
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



STA 143+69.79



STA 143+00.00

MODEL: IL141 - A 144+00.00 (Sheet)
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TWM, INC.
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ILLINOIS DESIGN FIRM
LICENSE NO: 184-001220

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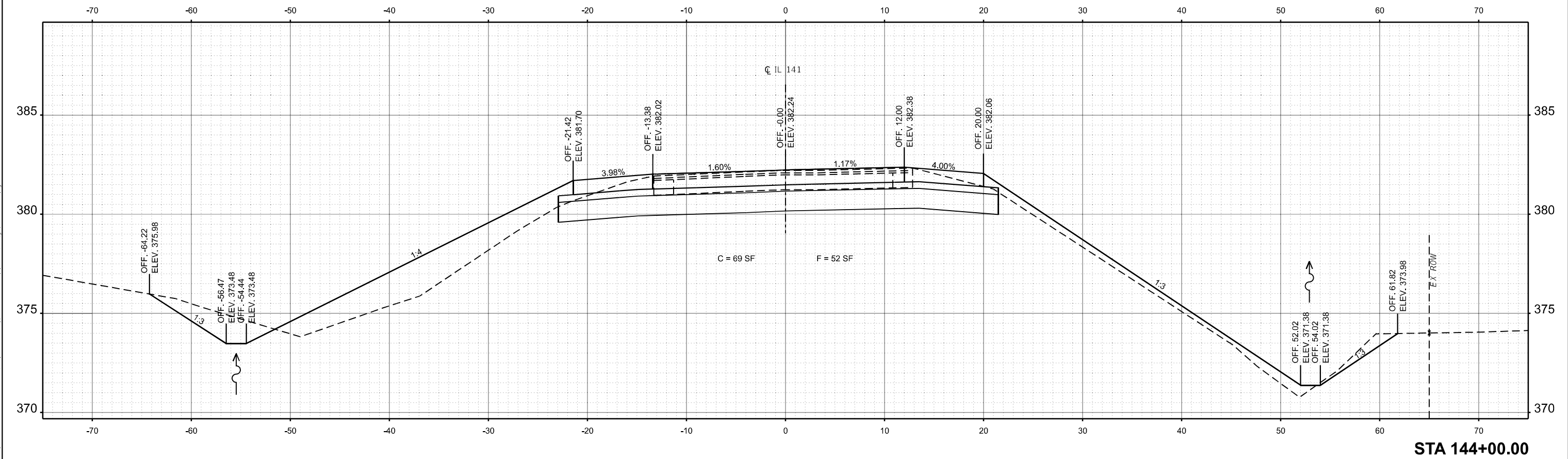
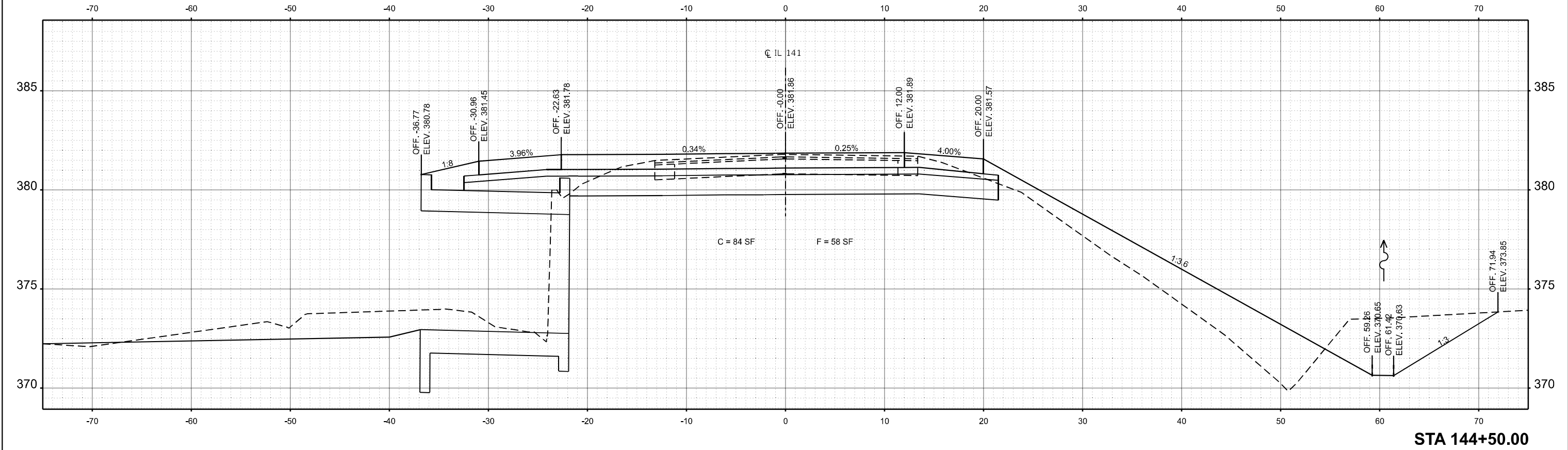
REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 141

SCALE: 1" = 5' SHEET 4 OF 11 SHEETS STA. 144+00.00 TO STA. 144+50.00

F.A.P. RTE. 782/ 877	SECTION (110,101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 76
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



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

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PLOT DATE = 3/20/2025

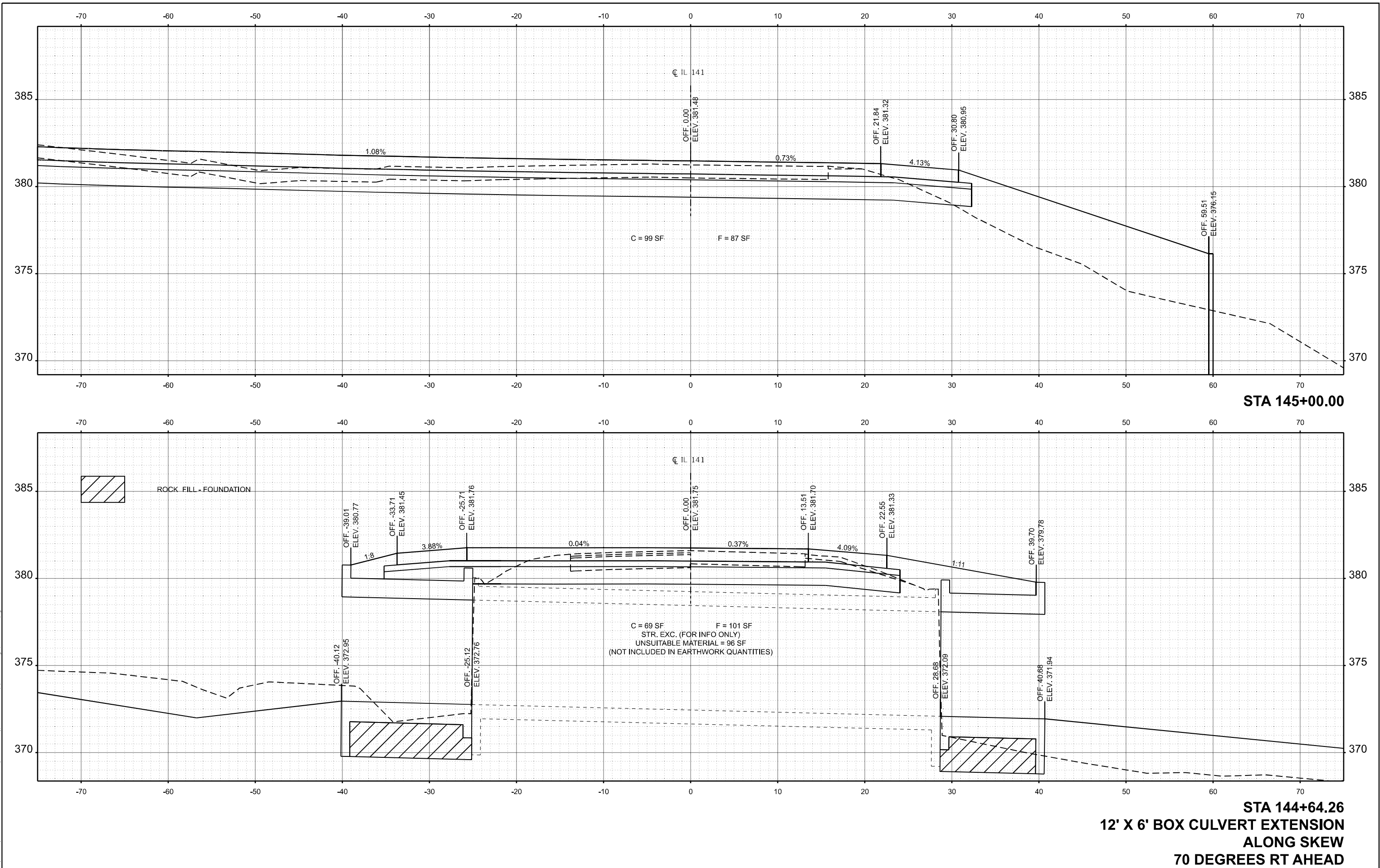
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DRAWN -	JRT	REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 141

SCALE: 1" = 5' SHEET 5 OF 11 SHEETS STA. 144+64.26 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7827 877	(110,101)N-1	GALLATIN/ WHITE	83	77
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				



MODEL: IL141 - A 145+50.00 [Sheet]
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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = jtrebilcock
PLOT SCALE = 10.00000000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

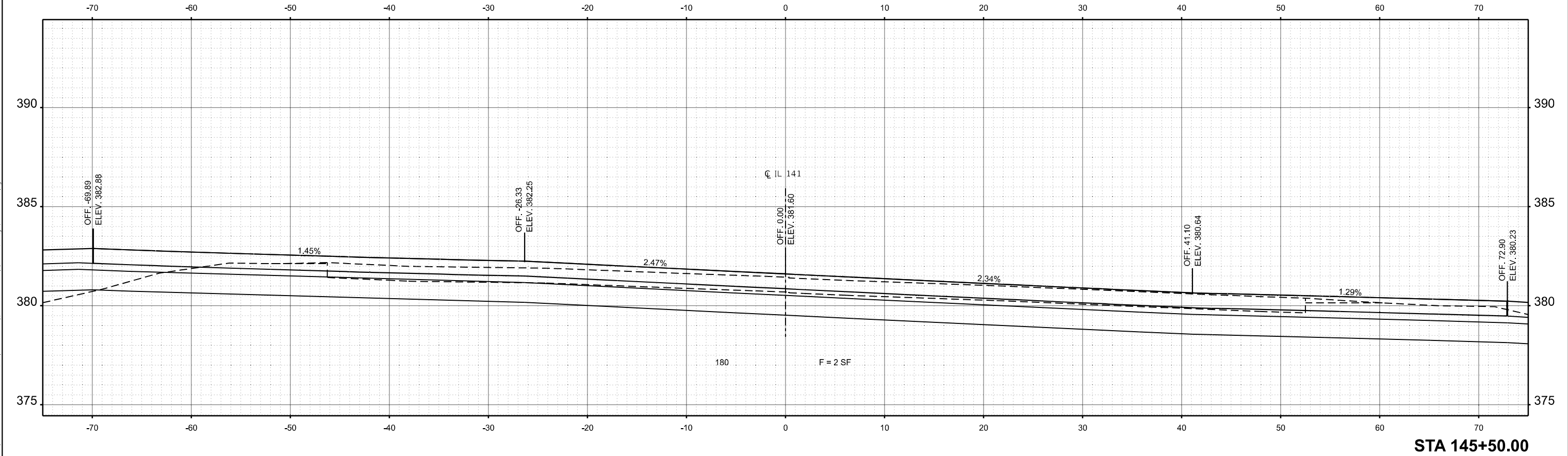
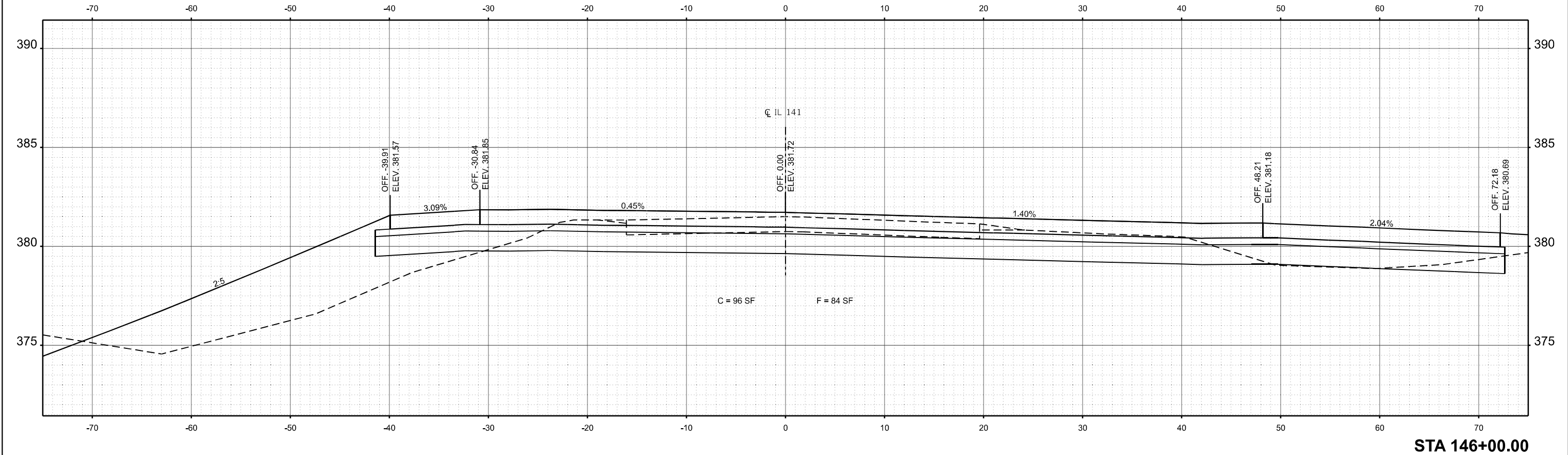
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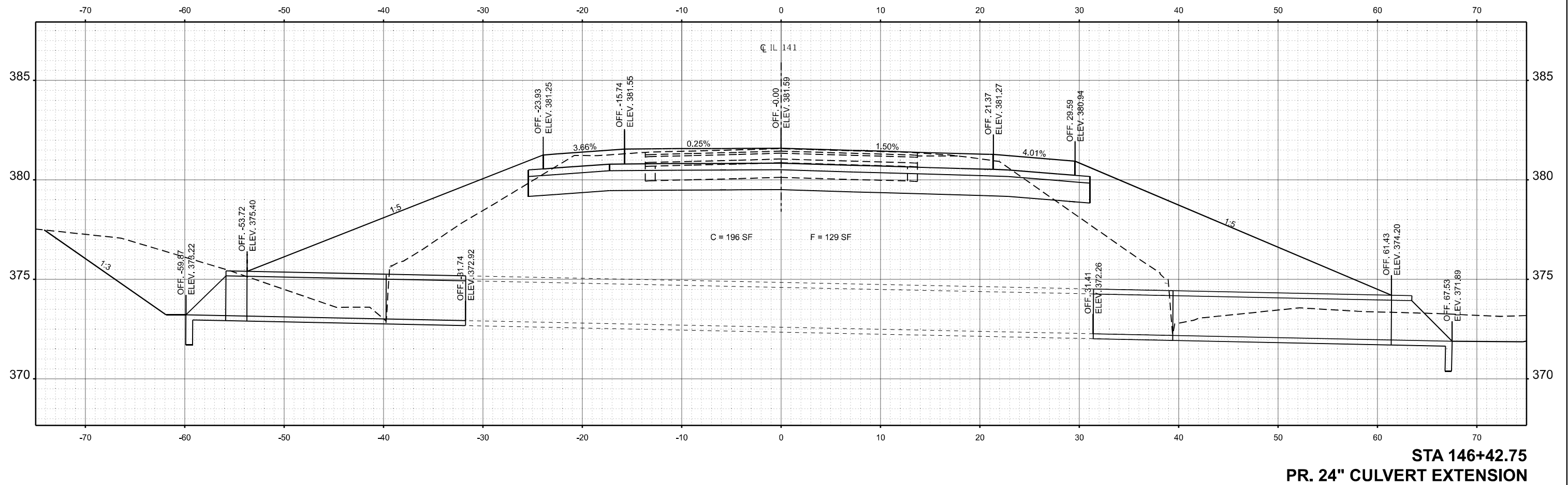
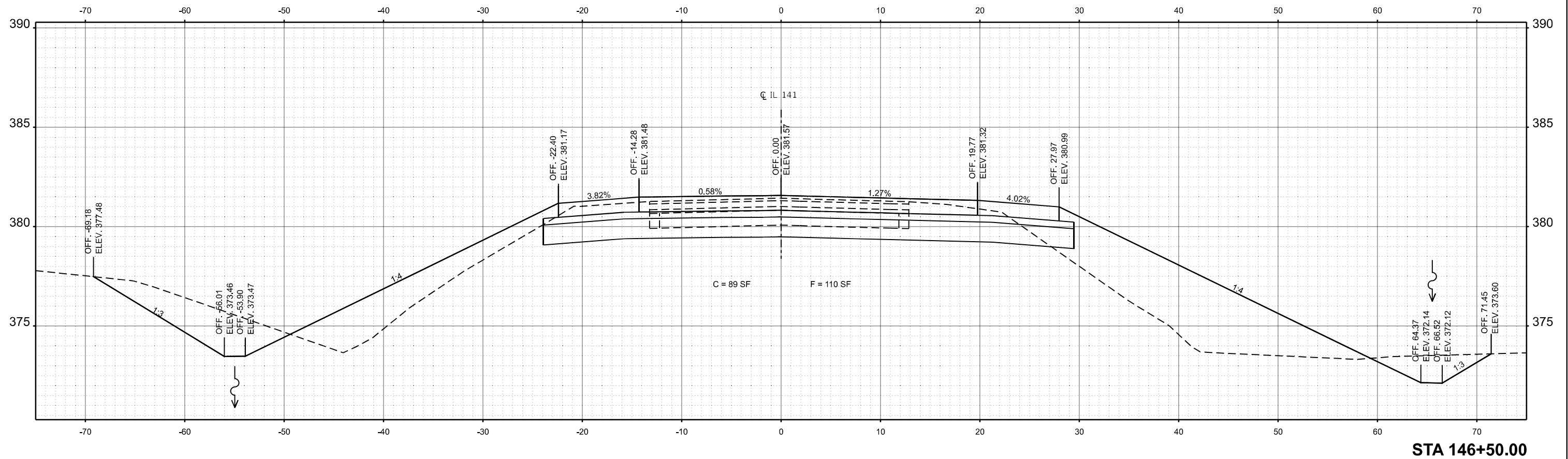
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 141

SCALE: 1" = 5' SHEET 6 OF 11 SHEETS STA. 145+50.00 TO STA. 146+00.00

F.A.P. RTE. 7827 877	SECTION (110,101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 78
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				





MODEL IL141 - A 147+50.00 [Sheet]
FILE NAME P:\2022\22019785C - IL 1 & 141 Intersection (Phase I & I)M CADD - DWG\4.7 Tran\Design\78A39-Cor.dgn



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

USER NAME = jtrebilcock
PLOT SCALE = 10.00000000 ' / in.
PLOT DATE = 3/20/2025

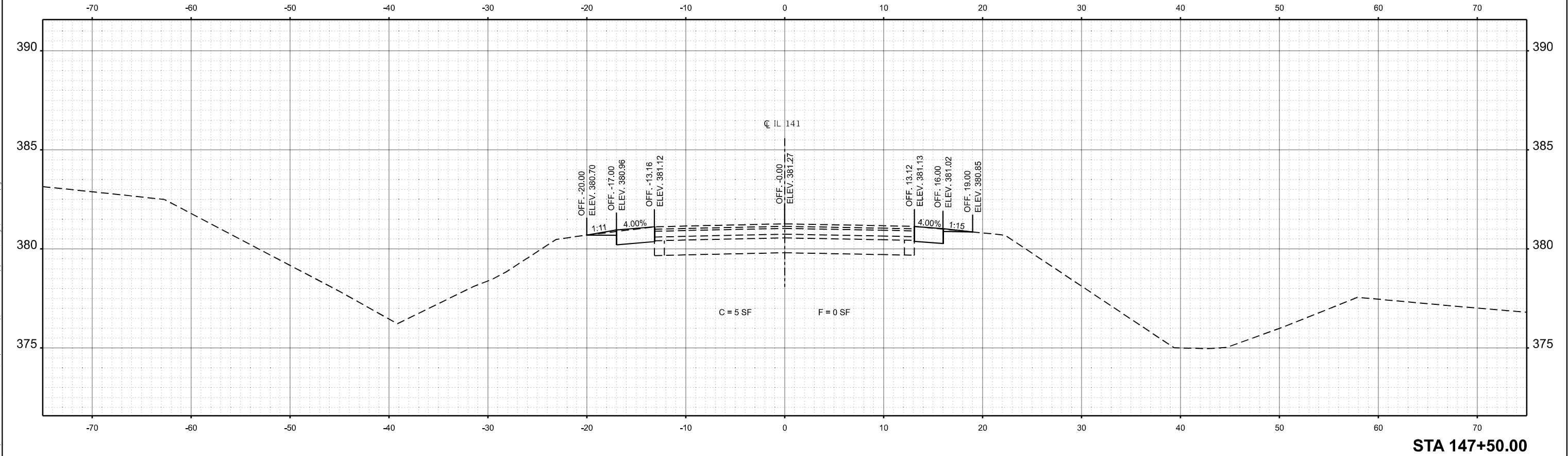
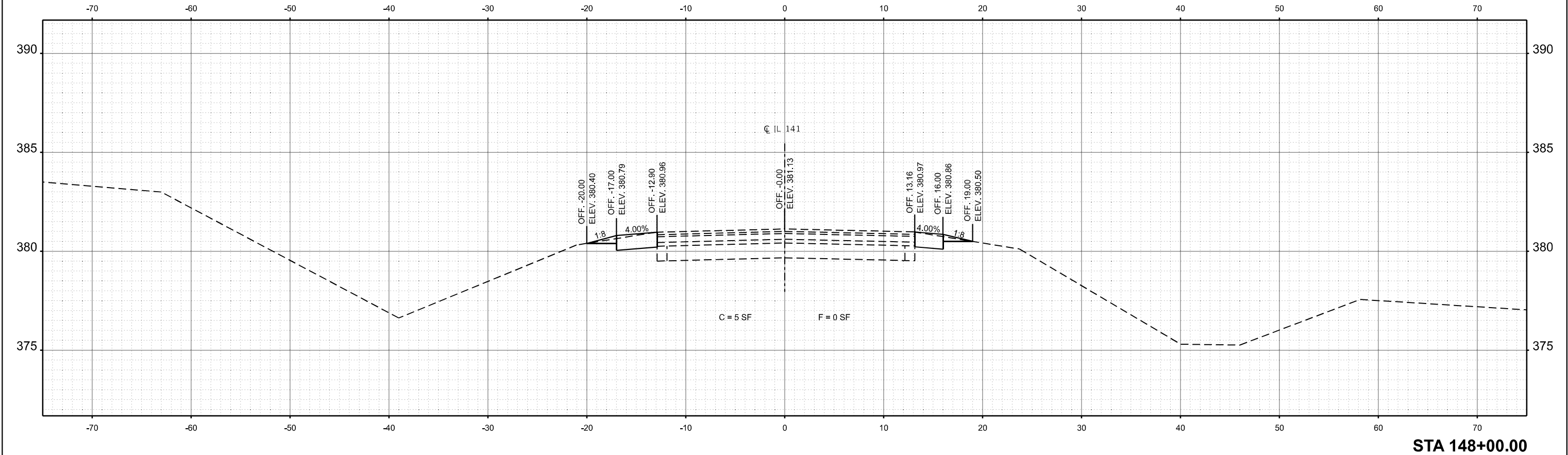
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DRAWN -	JRT	REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 141

SCALE: 1" = 5'
SHEET 9 OF 11 SHEETS
STA. 147+50.00 TO STA. 148+00.00

F.A.P. RTE. 7827 877	SECTION (110,101)N-1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 81
CONTRACT NO. 78A39			ILLINOIS FED. AID PROJECT	



MODEL: IL141 - A 148+47.73 [Sheet]
FILE NAME: P:\2022\220197\BSC - IL 1 & 141 Intersection Phase I & ILM CADD - DWG\4.7 TranDesign\078439-Cor.dgn



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

USER NAME	= jtrebilcock
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PLOT DATE	= 3/20/2025

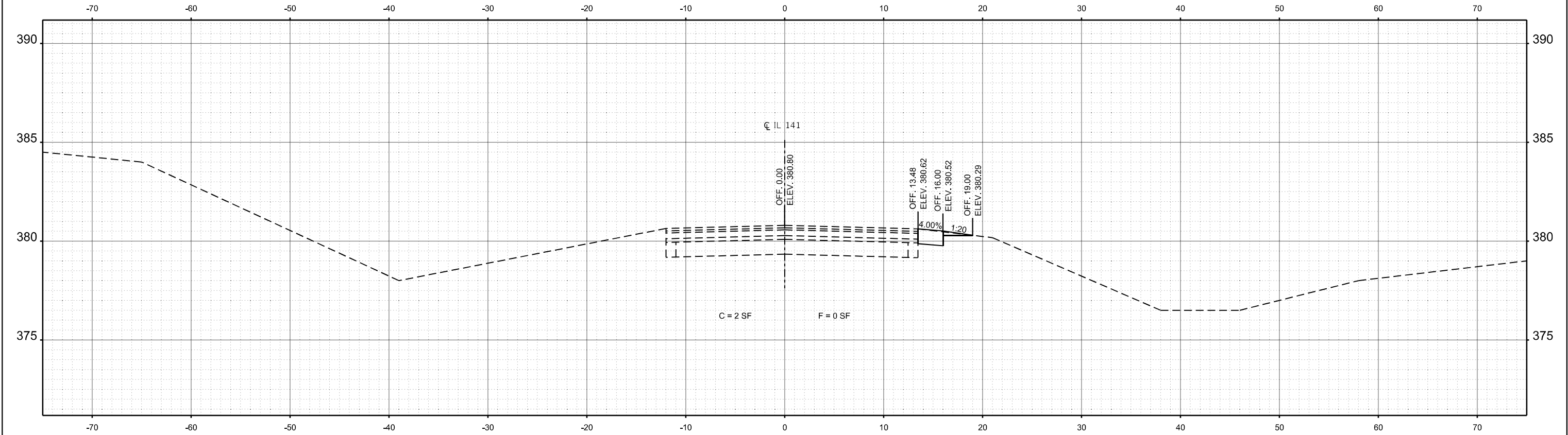
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DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

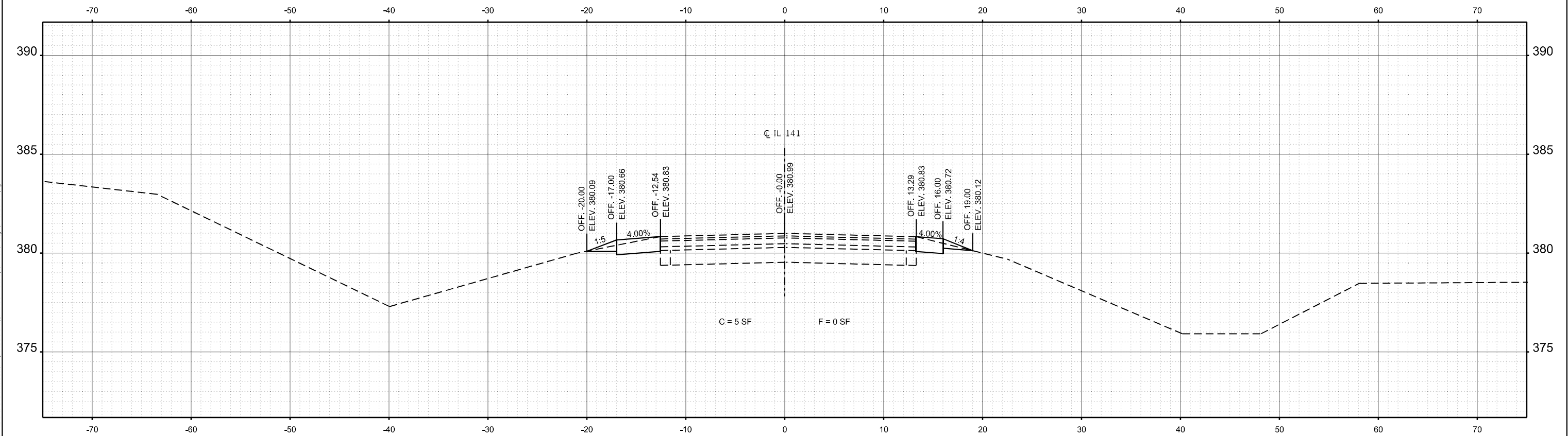
CROSS SECTIONS
IL 141

SCALE: 1" = 5'	SHEET 10	OF 11	SHEETS	STA. 148+47.73	TO STA. 149+15.27
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F.A.P. RTE. 7827 877	SECTION (110,101)N+1	COUNTY GALLATIN/ WHITE	TOTAL SHEETS 83	SHEET NO. 82
CONTRACT NO. 78A39				
		ILLINOIS	FED. AID PROJECT	

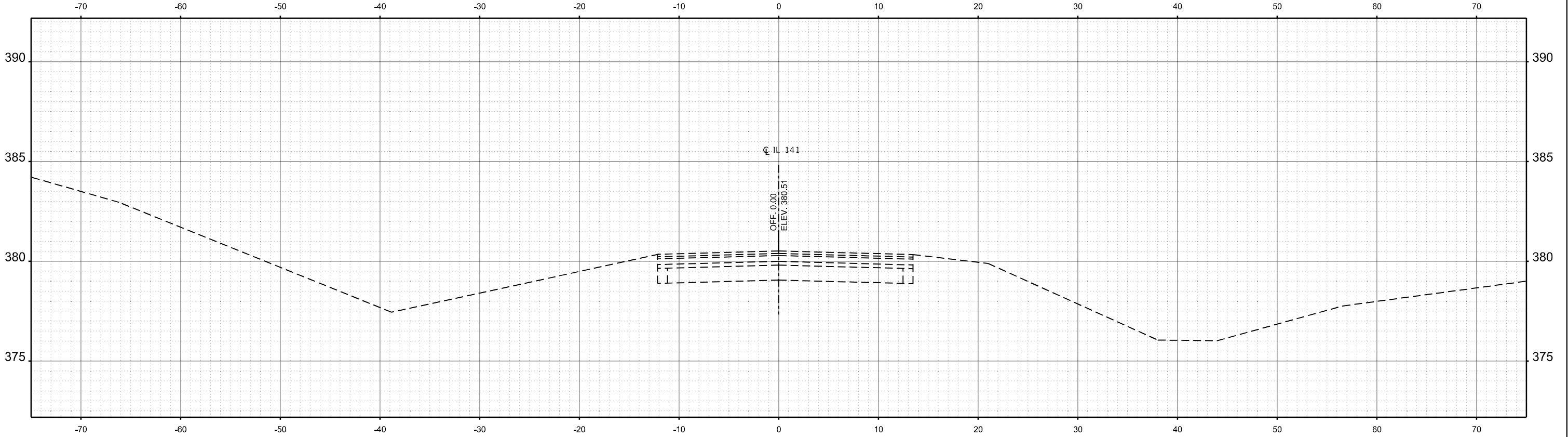


STA 149+15.27



STA 148+47.73

MODEL: IL141 - A 149+50.00 [Sheet]
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STA 149+50.00



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

USER NAME = jtrebilcock
PLOT SCALE = 10.00000000 ' / in.
PLOT DATE = 3/20/2025

DESIGNED - TBP
DRAWN - JRT
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 141

SCALE: 1" = 5' SHEET 11 OF 11 SHEETS STA. 149+50.00 TO STA. 149+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782/877	(110,101)N-1	GALLATIN/WHITE	83	83
CONTRACT NO. 78A39				
ILLINOIS FED. AID PROJECT				