

09-19-2025 LETTING ITEM 071
FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 10

TRAFFIC DATA

US-45 WHITE COUNTY
2023 = 2600 AADT WITH 13% TRUCKS

US-45 GALLATIN COUNTY
2023 = 3550 AADT WITH 13% TRUCKS

TOWNSHIPS

INDIAN CREEK
OMAHA

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

US 45/IL 141 (FAP 332/FAP 877)
SECTION (28,29,100,101-2)SR-1,N-1
PROJECT NHPP-HSIP-STP-T8J7(724)
SHOULDER WIDENING, DRAINAGE IMPROVEMENTS,
AND INTERSECTION RECONSTRUCTION
WHITE COUNTY & GALLATIN COUNTY
C-99-062-20

R 8 E

BEGIN IMPROVEMENTS
STA. 762+45.50

END IMPROVEMENTS
STA. 830+00.00

DESIGN DESIGNATION : N / A

COORDINATE SYSTEM :
ILLINOIS COORDINATE SYSTEM - EAST ZONE

POSTED SPEED : 55 MPH



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



SIGNATURE: *Shelley L. Dintelman*

DATE SIGNED: 2/18/2025

LICENSE EXPIRES: 11/30/2025

THE SEAL SHOWN ABOVE IS VALID FOR THE
FOLLOWING SHEETS IN THESE PLANS WHICH
WERE PREPARED UNDER MY DIRECT SUPERVISION:
SHEETS 1- 43, 53 - 54, 58 - 64, AND 86 - 165.

CONTRACT NO. 78789

PROJECT ENGINEER : SUSAN POE, P.E.

LOCATION MAP

(NOT TO SCALE)

GROSS LENGTH = 11,627.070 FT. = 2.202 MILES

NET LENGTH = 11,627.070 FT. = 2.202 MILES

EQ. PCC STA 796+48.68 BK = 796+49.98 AH

EQ. PT STA 814+70.13 BK = 814+71.13 AH

EQ. PT STA 820+48.63 BK = 820+73.56 AH

EQ. STA 824+01.80 = 885+00.00

EFK•Moen
Civil Engineering Design

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	1
** 332 / 877		ILLINOIS	CONTRACT NO. 78789	
* WHITE/GALLATIN				

D-99-040-20



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 3* 20 *25*
Joa S. Bensing
REGION FIVE ENGINEER

August 15 20 25
See E.A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

August 15 20 25
John J. Perry
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV - MS

MODEL: Default
FILE NAME: 2120063.18 US 45000 Design/InCAD_Sheet103-0971789-101-Signatures.dgn

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USER NAME = Zwaters	DESIGNED - SIF	REVISED -
	DRAWN - JRD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(28,29,100,101-2)SR-1,N-1	"	165	2
" 332 / 877		CONTRACT NO. 78789		
ILLINOIS FED. AID PROJECT				

Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

DISTRICT LAND ACQUISITION ENGINEER

Examined By:

DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

DISTRICT OPERATIONS ENGINEER

Examined By:

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

DISTRICT CONSTRUCTION ENGINEER

Examined By:

DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS, AND HMA MIXTURE REQUIREMENTS
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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
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-06	PCC SHOULDER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101-05	TYPE A GUTTER (INLET, OUTLET, AND ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
821101-03	LUMINAIRE WIRING IN POLE
825001-04	LIGHTING CONTROLLER POLE MOUNTED, 240V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
666001-01	RIGHT-OF-WAY MARKERS

HMA MIXTURE REQUIREMENT TABLE:

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION (S):	US 45	US 45	US 45
MIXTURE USE (S):	PAVEMENT PATCHING	HOT-MIX ASPHALT SHOULDERS (TOP LIFT) & INCIDENTAL HMA	HOT-MIX ASPHALT SHOULDERS (LOWER LIFT)
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N30	4.0% @ N30
MIXTURE COMPOSITION:	IL-19.0	IL-9.5L	IL-19.0L
FRICTION AGGREGATE:	NONE	NONE	NONE
MIXTURE WEIGHT:	112 LB / SQ YD /IN	112 LB / SQ YD /IN	112 LB / SQ YD /IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA
SUBLOT SIZE:	3000	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO

GENERAL NOTES

1.

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

ALL HOT MIX ASPHALT

2.016 TONS/CU YD

ALL AGGREGATE

2.05 TONS/CU YD

RIPRAP

1.5 TONS/CU YD
2.

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.
3.

PLACEMENT AND LOCATION OF PERMANENT SURVEY MARKERS SHALL BE DETERMINED BY THE ENGINEER IN COORDINATION WITH THE DISTRICT 9 SURVEYS UNIT. IN ADDITION TO THE REQUIREMENTS OF STANDARD 667101, BACKFILL USED IN CONJUNCTION WITH PRECAST MARKERS SHALL BE QUICK-MIX CONCRETE OR SIMILAR MATERIAL APPROVED BY THE ENGINEER.
4.

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
5.

REPLACEMENT OF CULVERT C-200, CULVERT D-100, AND THE PAVEMENT PATCHES OVER THEM SHALL BE CONSTRUCTED DURING A WEEKEND CLOSURE USING STANDARD BLR 21; AND TRAFFIC SHALL BE DETOURED AS SHOWN ON THE US-45 WEEKEND CLOSURE DETOUR DETAIL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 21 DAYS PRIOR TO THE WEEKEND CLOSURE.
6.

INGRESS/EGRESS SHALL BE MAINTAINED FOR ALL ENTRANCES DURING CONSTRUCTION.
7.

ELECTRICAL WORK SHALL CONFORM TO NATIONAL, STATE, AND LOCAL CODES.
8.

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

COMMITMENTS

1.

PARCEL 9010819: AFTER GRADING IS COMPLETE, THE LAND DISTURBED DURING THE CONSTRUCTION PROCESS SHALL BE RESEEDDED/REPLANTED
2.

TREE REMOVAL WILL NOT BE ALLOWED BETWEEN APRIL 1ST AND SEPTEMBER 30TH

REV - MS

MODEL: Default
FILE NAME: 23-0063.18 US 45(DGN)DesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
				IL 141/US 45			SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
20100500	TREE REMOVAL , ACRES	ACRE	3.5						3.5
20200100	EARTH EXCAVATION	CU YD	32075	30763	689	623			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6435						6435
20400800	FURNISHED EXCAVATION	CU YD	29080	26825	1235	1020			
20700220	POROUS GRANULAR EMBANKMENT	CU YD	558				90	155	313
20800150	TRENCH BACKFILL	CU YD	393						393
25000210	SEEDING, CLASS 2A	ACRE	16.5		0.25	0.36			15.89
25000350	SEEDING, CLASS 7	ACRE	16.5		0.25	0.36			15.89
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1472		22	33			1417
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1472		22	33			1417
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1472		22	33			1417
25000700	AGRICULTURAL GROUND LIMESTONE	TON	32.7		0.5	0.7			31.5
25100115	MULCH, METHOD 2	ACRE	16.5		0.25	0.36			15.89
25100630	EROSION CONTROL BLANKET	SQ YD	7225		155				7070

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USER NAME = sfurrow
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 6/4/2025

DESIGNED - SJF
DRAWN - AEH
CHECKED - SLD
DATE - 6/4/2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P.
RTE.
**

SECTION
(28,29,100,101-2)SR-1,N-1
** 332 / 877

COUNTY
*
CONTRACT NO. 78789

TOTAL
SHEETS
165
SHEET
NO.
4

* WHITE/ GALLATIN

MODEL: Default
FILE NAME: 23-0063.18 US 45DCNDesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
					IL 141/US 45		SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1639		25	37			1577
28000305	TEMPORARY DITCH CHECKS	FOOT	2263						2263
28000400	PERIMETER EROSION BARRIER	FOOT	7271			870			6401
28000500	INLET AND PIPE PROTECTION	EACH	10						10
28100107	STONE RIPRAP, CLASS A4	SQ YD	1717						1717
28100109	STONE RIPRAP, CLASS A5	SQ YD	1268				22	23	1223
28200200	FILTER FABRIC	SQ YD	2985				22	23	2940
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	2564		2564				
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	61						61
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	308						308
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	11						11
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	2048		2048				
44000100	PAVEMENT REMOVAL	SQ YD	1890		1510				380
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	24		24				

MODEL: Default
FILE NAME: 23_0063.18 US 45(DGN)DesignFinalCAD_Sheets04-10.D978789-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
				IL 141/US 45			SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
44004000	PAVED DITCH REMOVAL	FOOT	333			119			214
44004250	PAVED SHOULDER REMOVAL	SQ YD	198						198
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	250						250
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	5975			210			5765
48101610	AGGREGATE SHOULDERS, TYPE B 9"	SQ YD	259		259				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	34			34			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	13773	12187.4		349			1236.6
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	437		437				
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	10						10
50102400	CONCRETE REMOVAL	CU YD	9.1						9.1
50104400	CONCRETE HEADWALL REMOVAL	EACH	2						2
50105220	PIPE CULVERT REMOVAL	FOOT	350				148		202
50800105	REINFORCEMENT BARS	POUND	25980				7230	8080	10670
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	311				72		239

MODEL: Default
FILE NAME: 23-0063.18 US 451DCNDesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
					IL 141/US 45		SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
54002020	EXPANSION BOLTS 3/4 INCH	EACH	128				32	24	72
54003000	CONCRETE BOX CULVERTS	CU YD	142.3				38.5	41.3	62.5
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4						4
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2						2
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	6						6
54248510	CONCRETE COLLAR	CU YD	2.8						2.8
54262724	METAL FLARED END SECTIONS 24"	EACH	2						2
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	110						110
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	126						126
542A1915	PIPE CULVERTS, CLASS A, TYPE 3 30"	FOOT	38						38
542A2773	PIPE CULVERTS, CLASS A, TYPE 4 48"	FOOT	25						25
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	40						40
54390180	INSERTION CULVERT LINER 24"	FOOT	93						93
54390260	INSERTION CULVERT LINER 48"	FOOT	153						153

MODEL: Default
FILE NAME: 23-0063.18 US 45(DGN)DesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
					IL 141/US 45		SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
60500060	REMOVING INLETS	EACH	3						3
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	79.0						79.0
60602500	CONCRETE GUTTER, TYPE A	FOOT	3383						3383
60608552	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	21		21				
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	45		45				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	205		205				
60905305	BOX CULVERTS TO BE CLEANED	FOOT	48						48
63200310	GUARDRAIL REMOVAL	FOOT	534						534
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	25318			627			24691
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	56			4			52
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	9			1			8
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12			1.2			10.8
67100100	MOBILIZATION	L SUM	1			0.1			0.9
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			0.1			0.9

MODEL: Default
FILE NAME: 23_0063_18_US_45IDGNDesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE NHPP
					IL 141/US 45		SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1			0.1			0.9
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	8						8
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	98						98
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	337		337				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	820		820				
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	31		31				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	6						6
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	36270		1141	1007			34122
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	124		124				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	451		451				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	31		31				
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1141		1141				
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	124		124				
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	451		451				

* SPECIALTY ITEM

EFK♦Moen Civil Engineering Design	USER NAME = sfurrow	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	DRAWN - AEH	REVISED -					**	(28,29,100,101-2)SR-1,N-1	*	165	9
	PLOT DATE = 6/4/2025	CHECKED - SLD	REVISED -		SCALE: N/A			** 332 / 877		CONTRACT NO. 78789		
		DATE - 6/4/2025	REVISED -		SHEET 6 OF 8 SHEETS			STA. TO STA.		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

MODEL: Default
FILE NAME: 23-0063.18 US 45(DGN)DesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

				90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		IL 141/US 45		SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	31	31				
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	53	6				47
*	78200020	CURB REFLECTORS	EACH	11	11				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6	6				
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1				
*	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 2" DIA.	FOOT	116	116				
*	81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	550	550				
*	82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	3	3				
*	82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1	1				
*	83008600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	3	3				
*	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE 8 5/8" X 6'	EACH	3	3				
*	83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	12	12				
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2	2				
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1				

* SPECIALTY ITEM

EFK♦Moen Civil Engineering Design	USER NAME = sfurrow	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	DRAWN - AEH	REVISED -					**	(28,29,100,101-2)SR-1,N-1	*	165	10
	DATE = 6/4/2025	CHECKED - SLD	REVISED -		SCALE: N/A			** 332 / 877		CONTRACT NO. 78789		
		DATE - 6/4/2025	REVISED -		SHEET 7 OF 8 SHEETS			STA. TO STA.		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

MODEL: Default
FILE NAME: 23-0063.18 US 45(DGN)DesignFinalCAD_Sheets04-10-0978789-sh-500.dgn

				90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				WHITE HSIP	WHITE STP	GALLATIN HSIP	WHITE NHPP	WHITE NHPP	WHITE STP
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		IL 141/US 45		SN 097-7053	SN 097-7054	
				0021 RURAL	0004 RURAL	0021 RURAL	0004 RURAL	0004 RURAL	0004 RURAL
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		1				
* 89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1		1				
X0322194	POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQ FT	55					40	15
X1700114	CONCRETE PAD REMOVAL	SQ FT	351						351
X4202010	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	2048		2048				
X4402720	GUTTER REMOVAL (SPECIAL)	FOOT	1831						1831
X4402805	ISLAND REMOVAL	SQ FT	33		33				
X6640104	FENCE REMOVAL	FOOT	938						938
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1			0.1			0.9
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1						1
X7200203	DETOUR SIGNING	L SUM	1						1
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	9				9		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.16	0.16	0.17	0.17	0.17	0.17
* Z0036200	PAINT CURB	FOOT	63		63				
Ø Z0076600	TRAINEES	HOURL	1000	1000					
X5430502	SPRAY-APPLIED BOX CULVERT LINER	SQ FT	5476				2126	1563	1787
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1000	1000					

* SPECIALTY ITEM

EFK♦Moen

Civil Engineering Design

USER NAME = sfurrow	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A	SHEET 8	OF 8	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	11
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN

REV - MS

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

EXISTING

- (A) BITUMINOUS OVERLAY, 3" MIN AND VARIES
- (B) PCC 9"-6"-9" PAVEMENT
- (C) HMA BASE COURSE WIDENING, 9"
- (D) AGGREGATE SHOULDERS, TYPE A, 6"
- (E) CONCRETE GUTTER
- (F) GUARDRAIL

EXISTING TYPICAL SECTION
FAP 332 (US 45)

WITHOUT GUARDRAIL:

LEFT:
STA 762+90.50 TO STA 793+57.00 (N)
STA 800+25.00 TO STA 802+40.00 (N)
STA 805+00.00 TO STA 805+60.00 (N)
STA 807+75.00 TO STA 809+83.00 (N)
STA 814+80.00 TO STA 824+01.80 (N)

RIGHT:
STA 762+45.50 TO STA 790+45.00 (N)
STA 800+23.00 TO STA 802+40.00 (N)
STA 805+00.00 TO STA 805+60.00 (N)
STA 814+80.00 TO STA 824+01.80 (N)

WITH GUARDRAIL
STA 802+40.00 TO STA 805+00.00 (N)

EXISTING TYPICAL SECTION
FAP 332 (US 45)

LEFT:
STA 793+57.00 TO STA 800+25.00 (N)
STA 805+60.00 TO STA 807+75.00 (N)
STA 809+83.00 TO STA 814+80.00 (N)

RIGHT:
STA 790+45.00 TO STA 800+23.00 (N)
STA 805+60.00 TO STA 814+80.00 (N)

EXISTING TYPICAL SECTION
FAP 332 (US 45)

STA 830+00.00 TO STA 885+00.00 (S)

EXISTING TYPICAL SECTION
FAP 877 (IL 141)

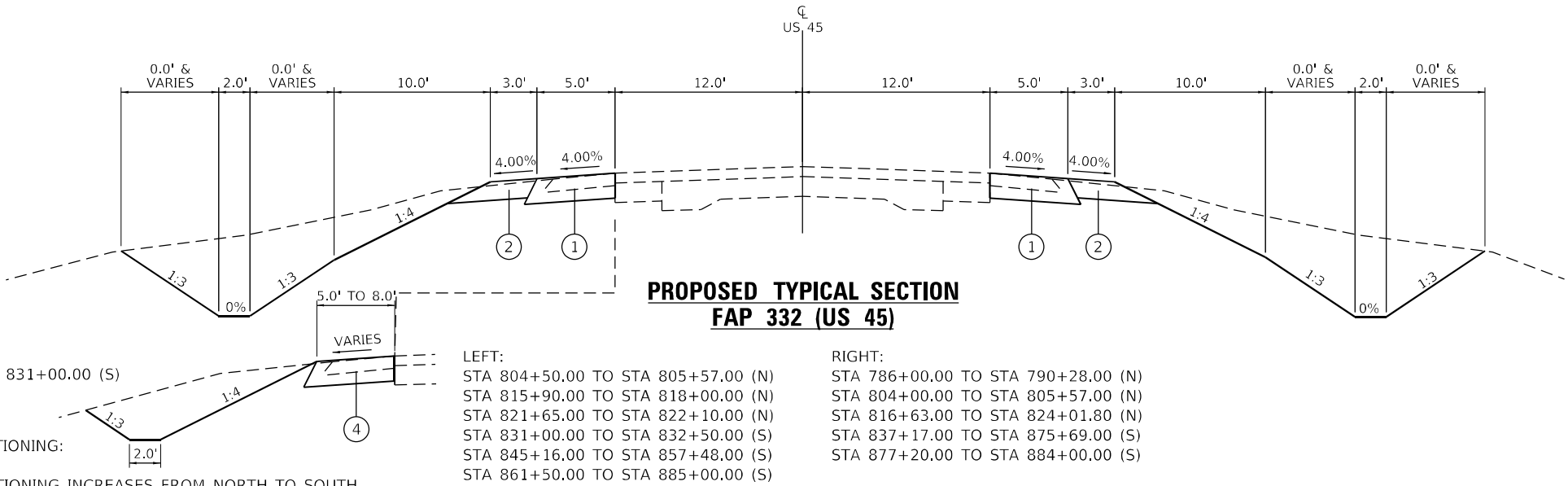
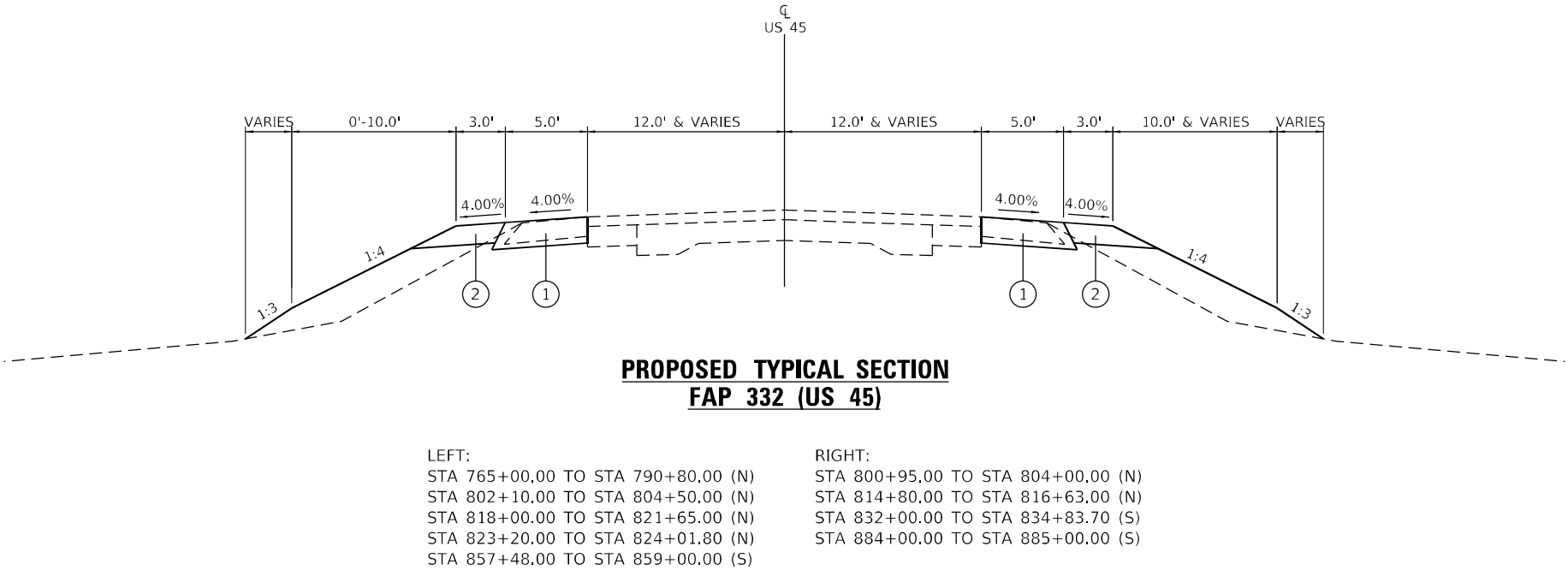
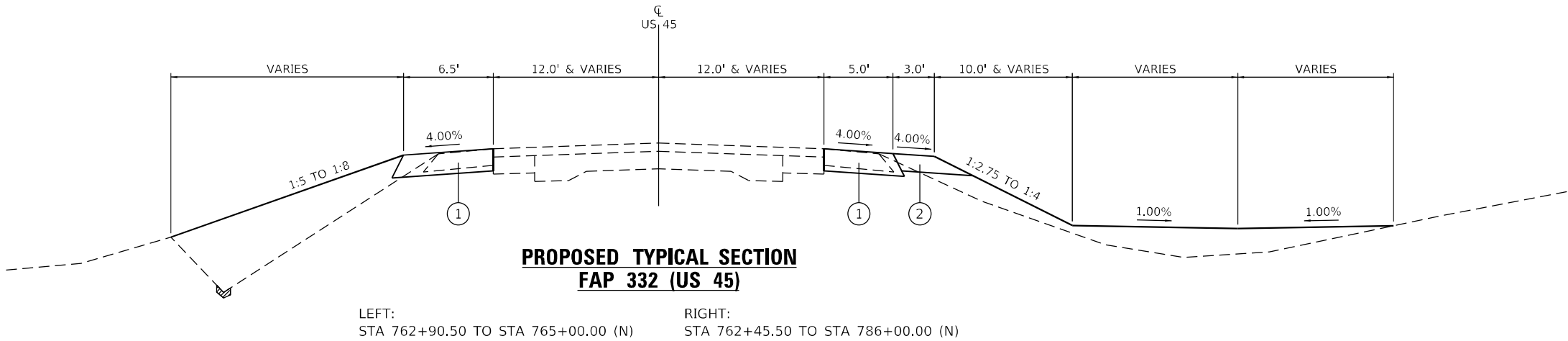
STA 0+12.27 TO STA 1+56.51

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	12
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

PROPOSED

- 1 HOT-MIX ASPHALT SHOULDERS, 8"
- 2 AGGREGATE SHOULDER, TYPE B 8"
- 3 CONCRETE GUTTER, TYPE A
- 4 AGGREGATE WEDGE SHOULDER, TYPE B



LEFT:
STA 830+00.00 TO STA 831+00.00 (S)

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 TYPICAL SECTIONS

SCALE: N/A SHEET 2 OF 4 SHEETS STA. TO STA.

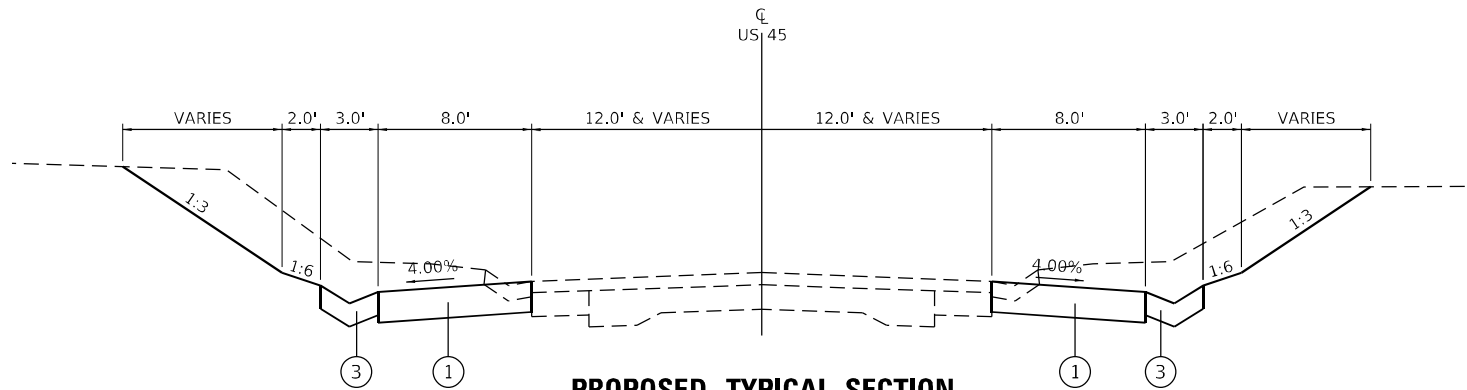
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	13
** 332 / 877		CONTRACT NO. 78789		

ILLINOIS FED. AID PROJECT

* WHITE/ GALLATIN

PROPOSED

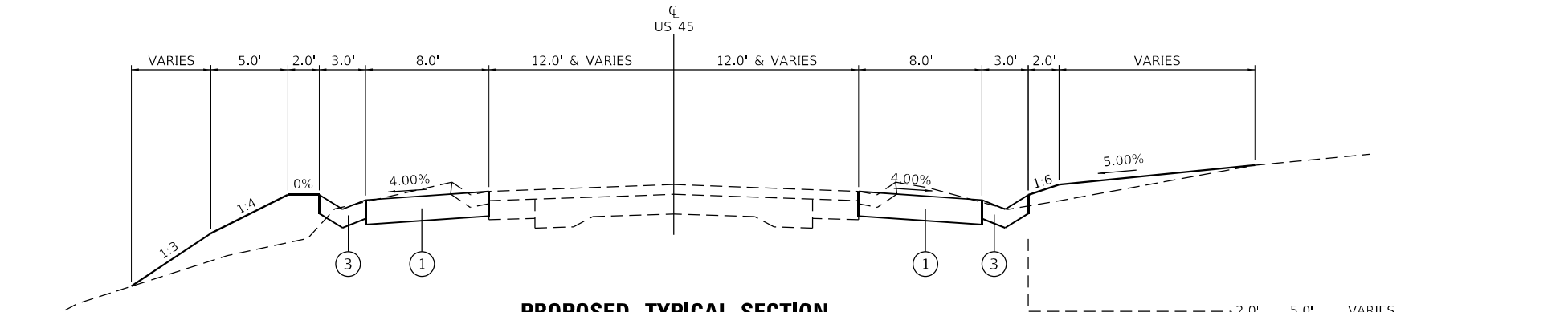
- 1 HOT-MIX ASPHALT SHOULDERS, 8"
- 2 AGGREGATE SHOULDER, TYPE B 8"
- 3 CONCRETE GUTTER, TYPE A
- 4 AGGREGATE WEDGE SHOULDER, TYPE B



PROPOSED TYPICAL SECTION
FAP 332 (US 45)

LEFT:
STA 793+67.00 TO STA 800+15.00 (N)
STA 805+57.00 TO STA 807+71.00 (N)
STA 810+25.00 TO STA 815+90.00 (N)

RIGHT:
STA 790+28.00 TO STA 792+46.00 (N)
STA 794+08.00 TO STA 797+36.00 (N)
STA 805+57.00 TO STA 810+50.00 (N)
STA 812+70.00 TO STA 814+20.00 (N)

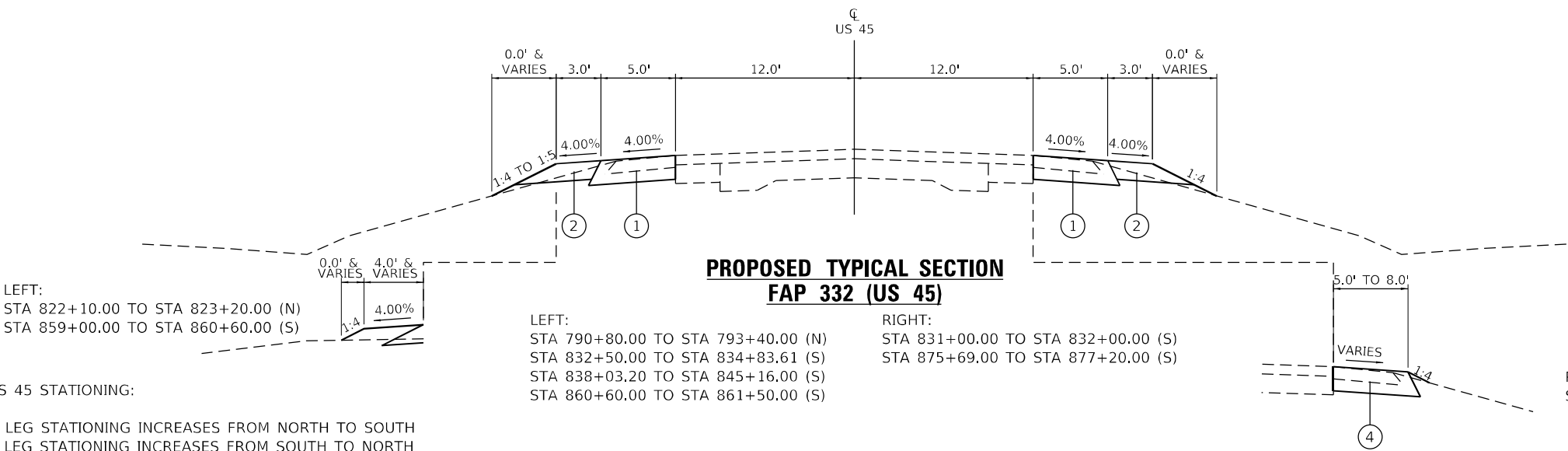


PROPOSED TYPICAL SECTION
FAP 332 (US 45)

LEFT:
STA 793+40.00 TO STA 793+67.00 (N)
STA 800+15.00 TO STA 802+10.00 (N)
STA 807+71.00 TO STA 810+25.00 (N)

RIGHT:
STA 792+46.00 TO STA 794+08.00 (N)
STA 797+36.00 TO STA 800+00.00 (N)
STA 810+50.00 TO STA 812+70.00 (N)

RIGHT:
STA 800+00.00 TO STA 800+95.00 (N)
STA 814+20.00 TO STA 814+80.00 (N)



PROPOSED TYPICAL SECTION
FAP 332 (US 45)

LEFT:
STA 822+10.00 TO STA 823+20.00 (N)
STA 859+00.00 TO STA 860+60.00 (S)

LEFT:
STA 790+80.00 TO STA 793+40.00 (N)
STA 832+50.00 TO STA 834+83.61 (S)
STA 838+03.20 TO STA 845+16.00 (S)
STA 860+60.00 TO STA 861+50.00 (S)

RIGHT:
STA 831+00.00 TO STA 832+00.00 (S)
STA 875+69.00 TO STA 877+20.00 (S)

RIGHT:
STA 830+00.00 TO STA 831+00.00 (S)

A NOTE ON US 45 STATIONING:

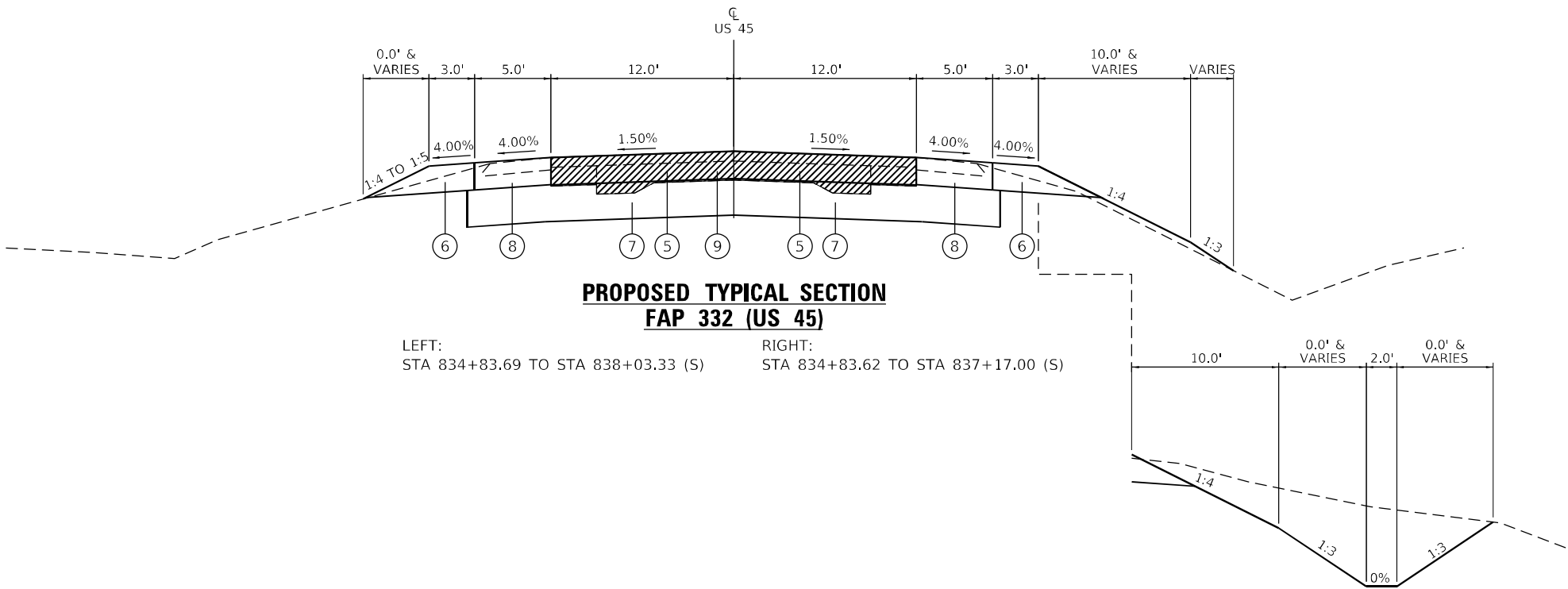
US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,000' / in.	DRAWN - AEH	REVISED -					**	(28,29,100,101-2)SR-1,N-1	*	165	14
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -		SCALE: N/A SHEET 3 OF 4 SHEETS STA. TO STA.			** 332 / 877		CONTRACT NO. 78789		
		DATE - 2/28/2025	REVISED -					ILLINOIS FED. AID PROJECT		* WHITE/ GALLATIN		

PROPOSED

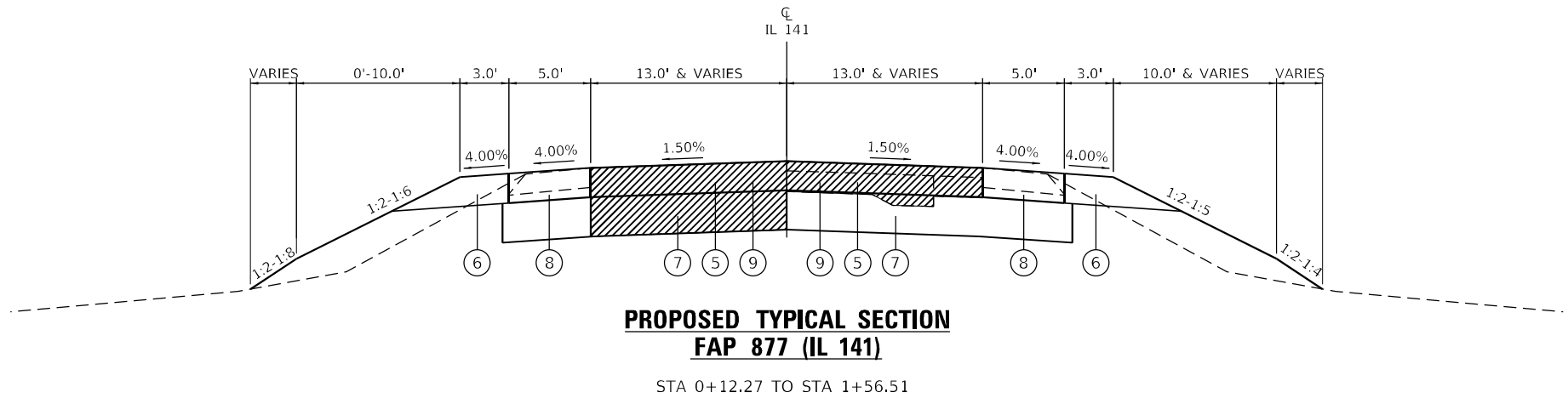
- 5 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- 6 AGGREGATE SHOULDER, TYPE B 9"
- 7 SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 8 PORTLAND CEMENT CONCRETE SHOULDERS 9"
- 9 PAVEMENT REMOVAL



PROPOSED TYPICAL SECTION
FAP 332 (US 45)

LEFT: STA 834+83.69 TO STA 838+03.33 (S) RIGHT: STA 834+83.62 TO STA 837+17.00 (S)

RIGHT: STA 837+17.00 TO STA 838+03.33 (S)



PROPOSED TYPICAL SECTION
FAP 877 (IL 141)

STA 0+12.27 TO STA 1+56.51

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	15
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: 2-20-20063.18 US 45(DGN)DesignFinalCAD_Sheets14-20-0978789-schedule.dgn

EARTHWORK SCHEDULE													
LOCATION					EARTH EXCAVATION (CU YD)	AVERAGE SHRINKAGE FACTOR (%)	EARTH EXCAVATION (ADJUSTED) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE		REM & DIS UNS MATL (CU YD)	FURNISHED EXCAVATION (CU YD)	REMARKS
									EXCAVATION REQUIRED TO COMPLETE (CU YD)	EXCESS EXCAVATION (CU YD)			
LOCATION	RT/LT	STA.	TO	STA.									
US 45 N	RT	762+50.00		824+00.00	6425	18%	5268	19031	13763			13763	
US 45 N	LT	762+50.00		824+00.00	7192	18%	5897	15343	9446			9446	
US 45 S GALLATIN	RT	829+50.00		834+00.00	439	18%	359	1343	984			984	GALLATIN COUNTY
US 45 S WHITE CO	RT	834+00.00		885+00.00	7698	18%	6312	10246	3934			3934	WHITE COUNTY
US 45 S GALLATIN	LT	829+50.00		834+00.00	183	18%	150	186	36			36	GALLATIN COUNTY
US 45 S WHITE CO	LT	834+00.00		885+00.00	6939	18%	5689	5334		355		-355	WHITE COUNTY
IL 141	RT	0+92.65		3+00.00	361	18%	296	1121	825			825	
IL 141	LT	0+92.65		3+00.00	327	18%	268	678	410			410	
A-100 Stream		10+52.82		12+50.00							1210		
E-100 Stream		11+00.00		13+50.00	313	18%	256	5				5	
F-100 Stream		10+00.00		11+23.76	2195	18%	1805	29				29	
A-100											240		REMOVE AND REPLACE WITH POROUS GRANULAR EMBANKMENT AT CULVERT EXTENSIONS
B-100											155		
E-100											41		
E-200											32		
F-100											90		
US 45 N	RT	762+50.00		784+00.00							2985		
US 45 N	LT	766+00.00		775+00.00							1209		
US 45 N	LT	801+50.00		803+50.00							474		
SUBTOTALS					32072						6435	29077	
PAY ITEM TOTALS					32075						6435	29080	

SEEDING SCHEDULE													
LOCATION						SEEDING CL 2A (ACRE)	SEEDING CL 7 (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	AGR GROUND LIMESTONE (TON)	MULCH METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
ROADWAY	ALIGNMENT	COUNTY	STATION	TO	STATION								
US45	NORTH	WHITE	762+00.00		824+00.00	8.47	8.47	762.15	762.15	762.15	16.94	8.47	847
US45	SOUTH	GALLATIN	829+50.00		834+00.00	0.36	0.36	32.84	32.84	32.84	0.73	0.36	37
US45	SOUTH	WHITE	834+00.00		885+00.00	6.74	6.74	606.64	606.64	606.64	13.48	6.74	675
IL 141		WHITE	0+92.65		3+00.00	0.24	0.24	22.02	22.02	22.02	0.49	0.24	25
US45	A-100	WHITE	10+52.82		12+50.00	0.23	0.23	21.08	21.08	21.08	0.47	0.23	24
US45	E-100	WHITE	11+50.00		13+14.25	0.10	0.10	9.24	9.24	9.24	0.21	0.10	11
US45	F-100	WHITE	10+00.00		11+23.76	0.19	0.19	17.06	17.06	17.06	0.38	0.19	19
SUBTOTALS						16.3	16.3	1471.5	1471.5	1471.5	32.7	16.3	1639.0
PAY ITEM TOTALS						16.5	16.5	1472	1472	1472	32.7	16.5	1639

PCC AND ISLAND SCHEDULE																
LOCATION						PCC PAVEMENT 9" (JOINTED) (SQ YD)	PCC SHOULDERS 9" (SQ YD)	COMB C&G TY M-4.24 (FOOT)	C&G TY M-4.06 (FOOT)	CONC MED SURF 4" (SQ FT)	COMB C&G REMOVAL (FOOT)	ISLAND REMOVAL (SQ FT)	CURB REFLECTORS (EACH)	PAINT CURB (FOOT)	PROF DMD GRND CON PVT (SQ YD)	NOTES
US 45	SOUTH	834+83.69	0'	838+03.33	0'	926									926	SOUTH ALIGNMENT
IL 141	141	00+13.26	RT	01+56.51	RT	1122									1122	IL 141 ALIGNMENT
US 45	SOUTH	834+83.62	12.5' LT	838+03.20	13.0' LT		178									SOUTH ALIGNMENT
US 45	SOUTH	834+83.69	13.3' RT	835+53.43	41.2' RT		42									SOUTH ALIGNMENT
US 45	SOUTH	837+06.73	62.9' RT	838+03.20	13.1' RT		54									SOUTH ALIGNMENT
IL 141	141	00+28.52	83.2' LT	01+56.51	13.0' RT		76									IL 141 ALIGNMENT
IL 141	141	00+47.28	98.1' LT	01+56.51	13.0' LT		87									IL 141 ALIGNMENT
IL 141	141	00+33.27	30.8' LT	00+48.61	17.5' LT			45								IL 141 ALIGNMENT
IL 141	141								21	205	24	33	11	63		ISLAND
SUBTOTALS						2048.0	437.0	45.0	21.0	205.0	24.0	33.0	11.0	63.0	2048.0	
PAY ITEM TOTALS						2048	437	45	21	205	24	33	11	63	2048	

MODEL Default
FILE NAME: 22-0063.18 US 45DCNDesignFinalCAD_Sheets14-20-0978789-schedule.dgn

REMOVAL SCHEDULE																	
LOCATION						PAVEMENT REMOVAL (SQ YD)	PAVED DITCH REMOVAL (FOOT)	PAVED SHOULDER REMOVAL (SQ YD)	CONCRETE HEADWALL REMOVAL (EACH)	REMOVAL OF EXISTING STRUCTURES (EACH)	GUARDRAIL REMOVAL (FOOT)	REMOVING INLETS (EACH)	PIPE CULVERT REMOVAL (FOOT)	TREE REMOVAL ACRES (ACRE)	CONCRETE PAD REMOVAL (SQ FT)	FENCE REMOVAL (FOOT)	NOTES
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET												
W. GOSSETT RD	GOSSETT RD	11+96.04	0'	12+11.56	0'	48											
E. GOSSETT RD	GOSSETT RD	12+71.91	0'	12+88.05	0'	45											
US 45	NORTH	820+90.00	0'	821+09.00	0'	52											
US 45	SOUTH	883+54.00	0'	883+93.00	0'	105											
US 45	SOUTH	877+23.23	12.5' RT	876+56.28	12.4' RT	130											
US 45	SOUTH	834+83.69	0'	838+03.33	0'	919											
IL 141		0+12.27	0'	1+56.51	0'	591											
US 45	SOUTH	762+66.97	44.3' LT	764+57.35	33.0' LT		191										
US 45	SOUTH	881+90.22	14.1' RT	882+11.18	22.6' RT		23										
US 45	SOUTH	831+96.85	30.9' RT	833+12.77	56.3' RT		119										
US 45	NORTH	762+45.50	19.0' RT	762+59.06	12.2' RT			6									
US 45	NORTH	762+90.50	19.0' LT	763+04.01	12.3' LT			6									
US 45	NORTH	764+88.63	12.4' LT	766+25.09	12.5' LT			174									
US 45	NORTH	799+68.20	11.9' RT	800+17.67	12.0' RT			12									
US 45	NORTH	803+53.94	32.3' LT						1								INLET PIPE
US 45	NORTH	803+53.58	30.4' RT						1								INLET PIPE
US 45	SOUTH	881+42.95	31.2' RT							1							DITCH CHECK
US 45	SOUTH	880+45.43	37.8' LT							1							DITCH CHECK
US 45	SOUTH	878+81.15	32.9' LT							1							DITCH CHECK
US 45	SOUTH	878+20.26	32.5' LT							1							DITCH CHECK
US 45	SOUTH	867+81.54	36.6' RT							1							DITCH CHECK
US 45	SOUTH	867+42.19	47.2' RT							1							DITCH CHECK
US 45	SOUTH	867+02.84	58.0' RT							1							DITCH CHECK
US 45	SOUTH	862+71.06	50.9' RT							1							DITCH CHECK
US 45	NORTH	802+32.16	16.7' LT	804+98.54	16.2' LT						267						
US 45	NORTH	802+31.04	15.6' RT	804+97.90	15.6' RT						267						
US 45	NORTH	793+16.43	22.3' RT									1					
US 45	NORTH	803+53.95	14.0' LT									1					
US 45	NORTH	803+54.11	13.9' RT									1					
US 45	NORTH	803+54.10	14.3' LT	803+53.94	35.0' LT								21				12" OUTLET PIPE
US 45	NORTH	803+54.11	13.9' RT	803+53.56	30.7' RT								17				12" OUTLET PIPE
US 45	SOUTH	865+09.54	83.98' LT	865+09.26	98.68' LT								15				30" STEEL PIPE
US 45	NORTH	762+45.50	RT	793+67.32	RT									1.58			
US 45	NORTH	787+85.34	LT	791+56.30	LT									0.31			
US 45	NORTH	801+30.89	RT	808+49.95	RT									0.34			
US 45	NORTH	820+27.06	LT	821+41.02	LT									0.01			
US 45	NORTH	822+60.53	RT	824+01.80	RT									0.03			
US 45	NORTH	823+30.09	LT	824+01.80	LT									0.01			
US 45	SOUTH	885+00.00	LT	882+65.66	LT									0.05			
US 45	SOUTH	885+00.00	RT	880+97.34	RT									0.18			
US 45	SOUTH	871+41.93	LT	861+12.64	LT									0.53			
US 45	SOUTH	863+18.26	RT	862+58.02	RT									0.03			
US 45	SOUTH	858+31.47	LT	855+34.02	LT									0.07			
US 45	SOUTH	854+58.84	LT	849+81.82	LT									0.04			
US 45	SOUTH	838+19.02	LT	836+59.79	LT									0.30			
US 45	NORTH	822+34.83	57.2' RT	822+71.37	38.2' RT										351		
US 45	NORTH	804+35.43	49.8' LT	804+27.68	98.8' LT											50	
US 45	NORTH	806+39.62	34.6' LT	811+58.24												593	
US 45	NORTH	811+82.27	38.6' LT	814+83.24	32.6' LT											295	
SUBTOTALS						1890.0	333.0	198.0	2.0	8.0	534.0	3.0	53.0	3.49	351.0	938.0	
PAY ITEM TOTALS						1890	333	198	2	8	534	3	53	3.5	351	938	

MODEL Default
FILE NAME: 22-0063.18 US 45DCNDesignFinalCAD_Sheets14-20-0978789-schedule.dgn

PAVEMENT MARKING SCHEDULE																	
LOCATION							MODIFIED URETHANE PAVEMENT MARKING LINE 4" (FOOT)	MODIFIED URETHANE PAVEMENT MARKING LINE 8" (FOOT)	MODIFIED URETHANE PAVEMENT MARKING LINE 12" (FOOT)	MODIFIED URETHANE PAVEMENT MARKING LINE 24" (FOOT)	GROOVING RCSD PAVEMENT MARKING 5" (FOOT)	GROOVING RCSD PAVEMENT MARKING 9" (FOOT)	GROOVING RCSD PAVEMENT MARKING 13" (FOOT)	GROOVING RCSD PAVEMENT MARKING 25" (FOOT)	RAISED REFLECTIVE PAVEMENT MARKER (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	NOTES
ROADWAY	ALIGNMENT	COUNTY	STATION	OFFSET	STATION	OFFSET											
US-45	NORTH	WHITE	762+45.50	11.7' RT	824+01.80	11.7' RT	6126										SOLID WHITE (EDGE)
US-45	NORTH	WHITE	762+45.50	11.7' LT	824+01.80	11.7' LT	6129										SOLID WHITE (EDGE)
US-45	SOUTH	WHITE	885+00.00	11.7' LT	834+08.93	11.7' LT	5091										SOLID WHITE (EDGE)
US-45	SOUTH	GALLATIN	834+08.93	11.7' LT	830+00.00	11.7' LT	409										SOLID WHITE (EDGE)
US-45	SOUTH	WHITE	885+00.00	11.7' RT	837+06.57	12.0' RT	4790										SOLID WHITE (EDGE)
US-45	SOUTH	WHITE	835+36.03	12.0' RT	834+17.36	11.7' RT	119										SOLID WHITE (EDGE)
US-45	SOUTH	GALLATIN	834+17.36	11.7' RT	830+00.00	11.7' RT	418										SOLID WHITE (EDGE)
US-45	NORTH	WHITE	762+45.50	CL	786+61.68	CL	600										SKIP-DASH YELLOW (CENTER)
US-45	NORTH	WHITE	786+61.68	CL	796+73.32	CL	250										SKIP-DASH YELLOW (CENTER LT)
US-45	NORTH	WHITE	786+61.68	CL	796+73.32	CL	1009										SOLID YELLOW (CENTER RT)
US-45	NORTH	WHITE	796+73.32	CL	824+01.80	CL	5406										DOUBLE YELLOW (CENTER)
US-45	SOUTH	WHITE	885+00.00	CL	874+93.38	CL	2014										DOUBLE YELLOW (CENTER)
US-45	SOUTH	WHITE	874+93.38	CL	865+35.38	CL	240										SKIP-DASH YELLOW (CENTER LT)
US-45	SOUTH	WHITE	874+93.38	CL	865+35.38	CL	958										SOLID YELLOW (CENTER RT)
US-45	SOUTH	WHITE	865+35.38	CL	857+79.00	CL	190										SKIP-DASH YELLOW (CENTER)
US-45	SOUTH	WHITE	857+79.00	CL	852+16.66	CL	560										SOLID YELLOW (CENTER LT)
US-45	SOUTH	WHITE	857+79.00	CL	852+16.66	CL	140										SKIP-DASH YELLOW (CENTER RT)
US-45	SOUTH	WHITE	852+16.66	CL	849+60.60	CL	60										SKIP-DASH YELLOW (CENTER)
US-45	SOUTH	WHITE	849+60.60	CL	843+61.22	CL	150										SKIP-DASH YELLOW (CENTER LT)
US-45	SOUTH	WHITE	849+60.60	CL	843+61.22	CL	600										SOLID YELLOW (CENTER RT)
US-45	SOUTH	WHITE	843+61.22	CL	834+13.14	CL	240			80							SKIP-DASH YELLOW (CENTER)
US-45	SOUTH	GALLATIN	834+13.14	CL	830+80.00	CL	80										SKIP-DASH YELLOW (CENTER)
US-45	SOUTH	GALLATIN	830+80.00	CL	830+00.00	CL	80										SOLID YELLOW (CENTER LT)
US-45	SOUTH	GALLATIN	830+80.00	CL	830+00.00	CL	20										SKIP-DASH YELLOW (CENTER RT)
IL-141	US-45 / IL-141	WHITE	835+36.03	12.0' RT	1+56.51	12.0' RT	186			186							SOLID WHITE (EDGE)
IL-141	US-45 / IL-141	WHITE	837+06.57	12.0' RT	1+56.51	12.0' LT	177			177							SOLID WHITE (EDGE)
IL-141	IL-141	WHITE	0+42.85	CL	01+56.51	CL	228			228							DOUBLE YELLOW (CENTER)
IL-141	IL-141	WHITE	0+23.03	43.1' LT	0+15.24	12.0' LT		32			32						CHANNELIZING LINES WHITE
IL-141	IL-141	WHITE	0+23.03	43.1' LT	0+58.76	12.0' LT		48			48						CHANNELIZING LINES WHITE
IL-141	IL-141	WHITE	0+15.24	12.0' LT	0+58.76	12.0' LT		44			44						CHANNELIZING LINES WHITE
IL-141	IL-141	WHITE	0+23.03	43.1' LT	0+58.76	12.0' LT			44				44				CHEVRONS 45° DIAGONAL, WHITE, AROUND ISLAND
IL-141	IL-141	WHITE	0+35.54	86.2' LT	0+99.23	12.3' LT			113				113				CHEVRONS 45° DIAGONAL, WHITE, ALONG EDGE LINE
IL-141	IL-141	WHITE	0+00.00	63.7' RT	1+22.54	12.0' RT			239				239				CHEVRONS 45° DIAGONAL, WHITE, ALONG EDGE LINE
US-45	SOUTH	WHITE	837+52.21	12.0' RT	837+52.21	12.0' RT			33				33				CHEVRONS 45° DIAGONAL, WHITE, ALONG EDGE LINE
US-46	SOUTH	WHITE	835+36.03	12.0' RT	835+07.32	12.0' RT			22				22				CHEVRONS 45° DIAGONAL, WHITE, ALONG EDGE LINE
IL-141	IL-141	WHITE	0+42.85	-	0+42.85	12.0' LT			12				12				STOP BAR
IL-141	IL-141	WHITE	0+39.78	28.5' LT	0+51.89	42.4' LT			19				19				STOP BAR
US-45	SOUTH	WHITE	838+03.32	12.0' RT	837+06.57	12.0' RT				97							SOLID WHITE (EDGE)
US-45	SOUTH	WHITE	835+36.03	12.0' RT	834+83.68	12.0' RT				53							SOLID WHITE (EDGE)
US-45	SOUTH	WHITE	838+03.20	11.7' LT	834+83.62	11.7' LT				320							SOLID WHITE (EDGE)
US-45	NORTH	WHITE	811+14.57	12.5' RT	821+02.32	12.5' RT									24		WHITE (1-WAY CRYSTAL)
US-45	NORTH	WHITE	810+89.52	12.5' LT	820+48.63	12.5' LT									23		WHITE (1-WAY CRYSTAL)
IL-141	IL-141	WHITE	0+42.85	CL	01+56.51	CL									2	2	AMBER (2-WAY CRYSTAL)
US-45	SOUTH	WHITE	834+83.69	CL	838+03.33	CL									4	4	AMBER (2-WAY CRYSTAL)
SUBTOTALS							36270.0	124.0	451.0	31.0	1141.0	124.0	451.0	31.0	53	6	
PAY ITEM TOTALS							36270	124	451	31	1141	124	451	31	53	6	

TEMPORARY PAVEMENT MARKING SCHEDULE											
LOCATION							SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING LINE 4" TYPE IV TAPE (FOOT)	TEMPORARY PAVEMENT MARKING LINE 24" TYPE IV TAPE (FOOT)	NOTES	
ROADWAY	ALIGNMENT	COUNTY	STATION	OFFSET	STATION	OFFSET					
US-45	SOUTH	WHITE	834+83.69	CL	838+03.33	CL	27	80		SKIP-DASH YELLOW (CENTER)	
IL-141	US-45 / IL-141	WHITE	834+83.68	12.0' RT	1+56.51	12.0' RT	80	238		SOLID WHITE (EDGE)	
IL-141	US-45 / IL-141	WHITE	838+03.32	12.0' RT	1+56.51	12.0' LT	92	274		SOLID WHITE (EDGE)	
IL-141	IL-141	WHITE	0+42.85	CL	01+56.51	CL	76	228		DOUBLE YELLOW (CENTER)	
IL-141	IL-141	WHITE	0+42.85	-	0+42.85	12.0' LT	24		12	STOP BAR	
IL-141	IL-141	WHITE	0+39.78	28.5' LT	0+51.89	42.4' LT	38		19	STOP BAR	
SUBTOTALS							337.0	820.0	31.0		
PAY ITEM TOTALS							337	820	31		

EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	DRAWN - AEH	REVISED -						**	(28,29,100,101-2)SR-1,N-1	*	165	18
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -		SCALE: N/A				SHEET 3 OF 7 SHEETS				CONTRACT NO. 78789
		DATE - 2/28/2025	REVISED -		STA. TO STA.				ILLINOIS FED. AID PROJECT				* WHITE/ GALLATIN

DRAINAGE PROTECTION SCHEDULE									
LOCATION						STONE RIPRAP CL A4 (SQ YD)	STONE RIPRAP CL A5 (SQ YD)	FILTER FABRIC (SQ YD)	INLET AND PIPE PROTECTION (EACH)
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET				
US 45	NORTH	820+00.00	44.3' RT	821+05.62	36.5' RT	477		477.0	
US 45	NORTH	817+27.44	41.7' RT	817+43.74	39.5' RT	15.0		15.0	
US 45	NORTH	817+08.29	37.4' LT	817+23.81	39' LT	15.0		15.0	
US 45	NORTH	816+33.33	31.8' LT	816+55.72	33.2' LT	56.0		56.0	
US 45	NORTH	814+94.21	31.0' RT	815+12.61	38.9' RT	18.0		18.0	
US 45	NORTH	803+96.36	69.4' RT	805+42.64	30.4' RT	221.0		221.0	
US 45	NORTH	801+09.29	30.5' RT	801+27.79	38.1' RT	18.0		18.0	
US 45	NORTH	801+17.67	30.6' LT	801+36.19	38.2' LT	18.0		18.0	
US 45	NORTH	793+21.19	38.2' LT	793+39.71	30.6' LT	18.0		18.0	
US 45	NORTH	788+50.10	56.8' RT	790+13.87	31.3' RT	175.0		175.0	
US 45	SOUTH	847+14.62	37.0' RT	847+34.62	37' RT	24.0		24.0	
US 45	SOUTH	862+50.00	41.7' RT	865+05.03	95.3' RT	242.0		242.0	
US 45	SOUTH	865+07.01	87.3' RT	868+00.00	41.9' RT	388.0		388.0	
US 45	SOUTH	865+12.97	94.27' LT	865+05.14	94.2' LT	8.0		8.0	
US 45	NORTH	820+99.70	39.4' LT	820+99.70	55' LT		21.0	21.0	
US 45	NORTH	804+58.87	72.9' LT	805+42.68	30.7' LT		132.0	132.0	
US 45	NORTH	788+71.75	54.8' LT	788+71.45	90' LT		115.0	115.0	
US 45	SOUTH	836+50.00	51.9' LT	838+22.73	49.8' LT		198.0	198.0	
US 45	SOUTH	837+16.85	79.3' RT	843+00.00	38.9' RT		579.0	579.0	
US 45	SOUTH	857+46.20	58.7' RT	857+46.20	75' LT		18.0	18.0	
US 45	SOUTH	883+95.87	36.0' RT	884+47.38	60' RT		117.0	117.0	
US 45	NORTH	788+71.70	47.8' RT						1
US 45	NORTH	804+69.99	68.9' RT						1
US 45	NORTH	816+65.66	48.4' RT						1
US 45	NORTH	816+49.78	33.8' LT						1
US 45	NORTH	820+99.70	37.0' RT						1
US 45	SOUTH	883+54.93	35.7' LT						1
US 45	SOUTH	865+08.75	81.5' LT						1
US 45	SOUTH	857+46.20	46.2' RT						1
US 45	SOUTH	847+76.95	37.0' RT						1
US 45	SOUTH	837+34.58	77.0' LT						1
SUBTOTALS						1693.0	1180.0	2873.0	10.0
PAY ITEM TOTALS						1693	1180	2873	10

EROSION SCHEDULE									
LOCATION						HEAVY DUTY EROSION CONTROL BLANKET (SQ YD)	PERIMETER EROSION BARRIER (FOOT)	NOTES	
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET				
US 45	NORTH	762+45.50	RT	762+70.00	RT	105			
US 45	NORTH	787+50.00	RT	788+50.00	RT	89			
US 45	NORTH	817+24.51	LT	818+00.00	LT	68			
US 45	NORTH	817+43.48	RT	820+00.00	RT	229			
US 45	NORTH	821+05.63	RT	824+00.00	RT	279			
US 45	SOUTH	830+00.00	LT	831+50.00	LT	134			GALLATIN COUNTY
US 45	SOUTH	845+06.00	LT	857+41.40	LT	1099			WHITE COUNTY
US 45	SOUTH	861+48.00	LT	885+00.00	LT	2091			WHITE COUNTY
US 45	SOUTH	843+00.00	RT	847+14.62	RT	369			WHITE COUNTY
US 45	SOUTH	847+77.12	RT	862+50.00	RT	1310			WHITE COUNTY
US 45	SOUTH	868+00.00	RT	875+72.00	RT	687			WHITE COUNTY
US 45	SOUTH	877+05.00	RT	883+90.32	RT	610			WHITE COUNTY
IL 141	SOUTH	01+10.48	RT	02+76.56	RT	155			
US 45	NORTH	762+50.00	59.4' LT	764+89.34	39.9' LT		241		
US 45	NORTH	764+35.00	69.6' LT	782+54.04	46.1' LT		1,830		
US 45	NORTH	782+68.67	46.1' LT	793+75.00	40' LT		1,123		
US 45	NORTH	800+48.50	60' LT	804+60.87	72.9' LT		421		
US 45	NORTH	807+50.00	30' LT	810+30.00	30' LT		289		
US 45	NORTH	817+75.00	52' LT	824+01.08	47' LT		625		
US 45	NORTH	800+03.07	55' RT	801+60.00	64.1' RT		158		
US 45	NORTH	801+50.00	40' RT	804+00.00	60' RT		253		
US 45	NORTH	814+85.00	49.6' RT	816+35.07	49.9' RT		149		
US 45	SOUTH	885+00.00	47' RT	884+25.00	41' RT		76		WHITE COUNTY
US 45	SOUTH	845+11.00	33.8' LT	834+00.17	35.9' LT		1,111		WHITE COUNTY
US 45	SOUTH	834+00.17	33.7' LT	829+90.00	34' LT		411		GALLATIN COUNTY
US 45	SOUTH	835+35.15	140.1' RT	834+45.04	88.2' RT		125		WHITE COUNTY
US 45	SOUTH	834+45.04	88.2' RT	829+90.00	42.6' RT		459		GALLATIN COUNTY
SUBTOTALS						7225	7271		
PAY ITEM TOTALS						7225	7271		

PATCHING SCHEDULE						
LOCATION						PAVEMENT PATCHING TYPE IV 10" (SQ YD)
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET	
US 45	NORTH	820+90.00	0'	821+09.00	0'	52
US 45	SOUTH	883+54.00	0'	883+93.00	0'	105
W.GOSSETT RD	GOSSETT RD	11+96.04	0'	12+11.56	0'	48
E. GOSSETT RD	GOSSETT RD	12+71.91	0'	12+88.05	0'	45
SUBTOTALS						250
PAY ITEM TOTALS						250

MODEL Default
FILE NAME: 22-0063.18 US 45(DGN)DesignFinalCAD_Sheets14-20-0978789-schedule.dgn

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	19
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: 2/2/20063.18 US 45DGN\Design\Final\CAD_Sheets\14-20-0978789-schedule.dgn

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	20
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	* WHITE/ GALLATIN

DITCH CHECKS SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS (FOOT)
ROADWAY	ALIGNMENT	STATION	OFFSET	
US 45	NORTH	762+80.00	61' RT	35.3
US 45	NORTH	763+80.00	60' RT	38.3
US 45	NORTH	764+80.00	59.1' RT	46.3
US 45	NORTH	765+80.00	58.1' RT	49.3
US 45	NORTH	766+80.00	57.2' RT	52.3
US 45	NORTH	767+80.00	57' RT	53.3
US 45	NORTH	768+80.00	57' RT	50.3
US 45	NORTH	769+80.00	57' RT	53.3
US 45	NORTH	770+80.00	57' RT	48.3
US 45	NORTH	771+80.00	57' RT	54.3
US 45	NORTH	772+80.00	57' RT	57.3
US 45	NORTH	773+80.00	57' RT	54.3
US 45	NORTH	774+80.00	57' RT	50.3
US 45	NORTH	776+80.00	57' RT	45.3
US 45	NORTH	777+80.00	57' RT	40.3
US 45	NORTH	778+80.00	57' RT	43.3
US 45	NORTH	779+80.00	57' RT	41.3
US 45	NORTH	780+80.00	57' RT	38.3
US 45	NORTH	781+80.00	57' RT	35.3
US 45	NORTH	782+80.00	57' RT	23.3
US 45	NORTH	783+80.00	57' RT	22.3
US 45	NORTH	784+80.00	56.9' RT	22.3
US 45	NORTH	785+80.00	55.9' RT	18.3
US 45	NORTH	786+80.00	54.8' RT	13.3
US 45	NORTH	787+80.00	53.6' RT	8.3
US 46	NORTH	817+72.00	41.7' RT	8.3
US 47	NORTH	817+99.00	41.5' RT	8.3
US 48	NORTH	818+26.00	41.8' RT	8.3
US 49	NORTH	818+54.00	41.5' RT	8.3
US 50	NORTH	819+00.00	40' RT	8.3
US 51	NORTH	819+73.00	38.9' RT	8.3
US 45	NORTH	823+00.00	33.5' RT	9.3
US 45	NORTH	824+00.00	33.5' RT	9.3
US 45	NORTH	817+42.00	38.5' LT	8.3
US 45	NORTH	817+63.00	39.9' LT	8.3
US 45	NORTH	817+84.00	41.6' LT	8.3
US 45	SOUTH	843+45.00	35.8' RT	8.3
US 45	SOUTH	843+85.00	34.9' RT	8.3
US 45	SOUTH	844+25.00	34.4' RT	8.3
US 45	SOUTH	844+65.00	34' RT	8.3
US 45	SOUTH	845+05.00	34.1' RT	8.3
US 45	SOUTH	845+72.00	35.1' RT	8.3
US 45	SOUTH	846+38.00	37.1' RT	8.3
US 45	SOUTH	848+33.00	35.4' RT	8.3
US 45	SOUTH	849+00.00	34.6' RT	8.3
US 45	SOUTH	849+50.00	33.6' RT	9.3
US 45	SOUTH	850+00.00	32.6' RT	9.3
US 45	SOUTH	851+00.00	34.3' RT	9.3
US 45	SOUTH	852+00.00	34.9' RT	9.3
US 45	SOUTH	853+00.00	34.7 'RT	9.3
US 45	SOUTH	855+00.00	36.4' RT	9.3
US 45	SOUTH	855+50.00	36.5' RT	8.3
US 45	SOUTH	856+00.00	36.5' RT	8.3
US 45	SOUTH	856+50.00	36.3' RT	8.3
US 45	SOUTH	857+00.00	48.2' RT	8.3
US 45	SOUTH	857+75.00	43.2' RT	8.3
US 45	SOUTH	858+00.00	41.4' RT	8.3
US 45	SOUTH	858+50.00	40.0' RT	8.3
US 45	SOUTH	869+00.00	33.4' RT	9.3
US 45	SOUTH	870+00.00	33.0' RT	9.3
US 45	SOUTH	871+00.00	33.0' RT	9.3
US 46	SOUTH	872+72.00	33.2' RT	9.3
US 47	SOUTH	873+72.00	33.0' RT	9.3
US 48	SOUTH	874+00.00	33.0' RT	9.3
US 49	SOUTH	875+72.00	34.1' RT	9.3
US 50	SOUTH	878+29.00	33.4' RT	9.3
		SCHEDULE 1 SUBTOTALS		1397.4

DITCH CHECKS SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS (FOOT)
ROADWAY	ALIGNMENT	STATION	OFFSET	
US 45	SOUTH	878+58.00	33.5' RT	9.3
US 45	SOUTH	878+87.00	33.5' RT	9.3
US 45	SOUTH	879+16.00	33.5' RT	9.3
US 45	SOUTH	879+45.00	33.7' RT	9.3
US 45	SOUTH	879+74.00	33.6' RT	9.3
US 45	SOUTH	880+03.00	33.4' RT	9.3
US 45	SOUTH	880+32.00	33.6' RT	9.3
US 45	SOUTH	880+61.00	33.5' RT	9.3
US 45	SOUTH	880+90.00	33.3' RT	9.3
US 45	SOUTH	881+19.00	33.3' RT	9.3
US 45	SOUTH	881+48.00	33.2' RT	9.3
US 45	SOUTH	881+77.00	32.9' RT	9.3
US 45	SOUTH	882+06.00	33.1' RT	9.3
US 45	SOUTH	882+35.00	35.2' RT	9.3
US 45	SOUTH	882+64.00	37.3' RT	9.3
US 45	SOUTH	882+93.00	39.5' RT	9.3
US 45	SOUTH	883+33.00	41.3' RT	9.3
US 45	SOUTH	883+73.00	42.9' RT	9.3
US 45	SOUTH	835+48.25	136.9' RT	8.3
US 45	SOUTH	835+54.16	172.5' RT	8.3
US 46	SOUTH	845+06.00	30.1' LT	9.3
US 45	SOUTH	845+80.00	33.6' LT	9.3
US 45	SOUTH	846+60.00	33.4' LT	9.3
US 45	SOUTH	847+40.00	33.2' LT	9.3
US 45	SOUTH	848+20.00	33.3' LT	9.3
US 45	SOUTH	849+00.00	33.5' LT	9.3
US 45	SOUTH	849+80.00	33.6' LT	9.3
US 45	SOUTH	850+60.00	33.7' LT	9.3
US 45	SOUTH	851+40.00	33.8' LT	9.3
US 45	SOUTH	852+20.00	33.7' LT	9.3
US 45	SOUTH	853+00.00	33.5' LT	9.3
US 45	SOUTH	853+80.00	33.5' LT	9.3
US 45	SOUTH	854+60.00	31.4' LT	9.3
US 45	SOUTH	855+75.00	32.2' LT	8.3
US 45	SOUTH	856+00.00	33.0' LT	8.3
US 45	SOUTH	856+25.00	36.1' LT	8.3
US 45	SOUTH	856+50.00	39.2' LT	8.3
US 45	SOUTH	856+74.00	42.2' LT	8.3
US 45	SOUTH	856+99.00	45.4' LT	8.3
US 45	SOUTH	857+08.00	50.5' LT	8.3
US 45	SOUTH	857+16.00	55.6' LT	8.3
US 45	SOUTH	857+25.00	61.3' LT	8.3
US 45	SOUTH	857+33.00	66.3' LT	8.3
US 45	SOUTH	861+48.00	39.5' LT	8.3
US 45	SOUTH	861+69.00	41.7' LT	8.3
US 45	SOUTH	861+90.00	43.9' LT	8.3
US 45	SOUTH	862+11.00	46.2' LT	8.3
US 45	SOUTH	862+43.00	49.6' LT	8.3
US 45	SOUTH	862+76.00	53.1' LT	8.3
US 45	SOUTH	863+09.00	56.6' LT	8.3
US 45	SOUTH	863+34.00	59.3' LT	8.3
US 45	SOUTH	863+59.00	62' LT	8.3
US 45	SOUTH	863+84.00	64.6' LT	8.3
US 45	SOUTH	864+08.00	67.2' LT	8.3
US 45	SOUTH	864+23.00	68.8' LT	8.3
US 45	SOUTH	864+38.00	70.4' LT	8.3
US 45	SOUTH	864+53.00	72' LT	8.3
US 45	SOUTH	864+68.00	73.6' LT	8.3
US 45	SOUTH	864+83.00	75.2' LT	8.3
US 45	SOUTH	865+30.00	77.2' LT	8.3
US 45	SOUTH	865+53.00	76.4' LT	8.3
US 45	SOUTH	865+76.00	75.7' LT	8.3
US 45	SOUTH	865+99.00	74.9' LT	8.3
US 45	SOUTH	866+18.00	73.7' LT	8.3
US 45	SOUTH	866+37.00	72.3' LT	8.3
US 45	SOUTH	866+56.00	70.9' LT	8.3
		SCHEDULE 2 SUBTOTALS		582.7

DITCH CHECKS SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS (FOOT)
ROADWAY	ALIGNMENT	STATION	OFFSET	
US 45	SOUTH	866+72.00	61.9' LT	8.3
US 45	SOUTH	866+91.00	60.6' LT	8.3
US 45	SOUTH	867+07.00	59.5' LT	8.3
US 45	SOUTH	867+23.00	58.4' LT	8.3
US 45	SOUTH	867+39.00	57.3' LT	8.3
US 45	SOUTH	867+55.00	56.0' LT	8.3
US 45	SOUTH	867+71.00	52.5' LT	8.3
US 45	SOUTH	867+86.00	49.2' LT	8.3
US 45	SOUTH	868+09.00	44.7' LT	8.3
US 45	SOUTH	868+32.00	40.8' LT	8.3
US 45	SOUTH	868+54.00	36.8' LT	8.3
US 45	SOUTH	868+77.00	34.7' LT	8.3
US 45	SOUTH	869+00.00	32.7' LT	9.3
US 45	SOUTH	870+00.00	32.7' LT	9.3
US 45	SOUTH	871+00.00	32.9' LT	9.3
US 45	SOUTH	873+00.00	32.9' LT	9.3
US 45	SOUTH	874+00.00	32.9' LT	9.3
US 45	SOUTH	875+00.00	33.2' LT	9.3
US 45	SOUTH	876+00.00	33.2' LT	9.3
US 45	SOUTH	877+00.00	33.0' LT	9.3
US 45	SOUTH	878+00.00	32.5' LT	9.3
US 45	SOUTH	879+00.00	33.0' LT	9.3
US 45	SOUTH	879+29.00	33.4' LT	9.3
US 45	SOUTH	879+58.00	33.9' LT	9.3
US 45	SOUTH	879+86.00	34.6' LT	9.3
US 45	SOUTH	880+15.00	34.7' LT	9.3
US 45	SOUTH	880+44.00	34.3' LT	9.3
US 45	SOUTH	880+73.00	34.1' LT	9.3
US 45	SOUTH	881+01.00	34.0' LT	9.3
US 45	SOUTH	881+30.00	34.1' LT	9.3
US 45	SOUTH	881+59.00	34.3' LT	9.3
US 45	SOUTH	881+88.00	34.8' LT	9.3
US 45	SOUTH	882+17.00	35.8' LT	9.3
US 45	SOUTH	882+40.00	36.9' LT	9.3
US 45	SOUTH	882+63.00	38.1' LT	9.3
US 45	SOUTH	883+09.00	38.5' LT	9.3
US 45	SOUTH	884+00.00	40.0' LT	9.3
		SCHEDULE 3 SUBTOTALS		282.1
		SCHEDULE 1 & 2 SUBTOTALS		1980.2
		PAY ITEM TOTALS		2263

MODEL: Default
FILE NAME: 2/2/20063.18_US_45/DGN/Design/Final/CAD_Sheets/14-20-D978789-schedule.dgn

AGGREGATE & HMA SCHEDULE															
LOCATION						SUBBASE GRAN MAT TYPE A 12" (SQ YD)	AGG BASE CSE TY A 8" (SQ YD)	AGG SURF CSE TY B (TON)	INCIDENTAL HMA SURFACING (TON)	HMA SHOULDERS 8" (SQ YD)	AGG SHOULDERS TY B 8" (SQ YD)	AGG SHOULDERS TY B 9" (SQ YD)	AGG WEDGE SHOULDER TY B (TON)	SHOULDER RUMBLE STRIPS 8" (FOOT)	NOTES
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET										
US45	SOUTH	834+83.69	0'	838+03.33	0'	1121									
IL141	141	0+13.26	0'	1+56.51	0'	1443									
US45	SOUTH	877+11.17	20.5' RT	876+75.60	20.5' RT		61								ENT, RIGHT SIDE
US45	NORTH	766+18.00						130							ENT, LEFT SIDE
US45	NORTH	782+61.26						20							ENT, LEFT SIDE
US45	NORTH	797+35.74						4							ENT, RIGHT SIDE
US45	NORTH	799+95.14						23							ENT, RIGHT SIDE
US46	NORTH	800+42.71						22							ENT, RIGHT SIDE
US45	SOUTH	860+31.84						60							ENT, LEFT SIDE
US45	SOUTH	847+53.66						23							ENT, LEFT SIDE
US46	SOUTH	861+04.94	49.5' LT	862+74.92	67.7' LT			26							ENT, RIGHT SIDE
US45	SOUTH	876+93.38							11.0						ENT, RIGHT SIDE
US45	NORTH	762+90.50	12.2' LT	816+63.09	17.7' LT				3684.0						NORTH ALIGNMENT
US45	NORTH	817+03.92	17.5' LT	824+01.80	12.1' LT				374.0						NORTH ALIGNMENT
US45	NORTH	762+45.50	12.2' RT	816+51.64	16.8' RT				3669.0						NORTH ALIGNMENT
US45	NORTH	817+28.08	17.8' RT	824+01.80	12.2' RT				357.0						NORTH ALIGNMENT
US45	SOUTH	838+03.33	13.1' RT	885+00.00	12.1' RT				2632.0						SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	834+17.94	13.3' RT	834+83.69	13.2' RT				37.0						SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	831+00.00	13.0' RT	834+17.94	13.3' RT				178.0						SOUTH ALIGNMENT - GALLATIN COUNTY
US45	SOUTH	838+03.20	12.9' LT	885+00.00	12.2' LT				2628.0						SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	834+08.61	12.5' LT	834+83.62	12.5' LT				43.0						SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	831+00.00	12.7' LT	834+08.61	12.5' LT				171.0						SOUTH ALIGNMENT - GALLATIN COUNTY
US45	NORTH	765+96.48	20.4' LT	782+49.53	20.3' LT					550.0					NORTH ALIGNMENT
US45	NORTH	782+73.00	20.3' LT	793+54.13	17.0' LT					361.0					NORTH ALIGNMENT
US45	NORTH	802+10.00	16.9' LT	805+57.08	16.9' LT					116.0					NORTH ALIGNMENT
US45	NORTH	815+90.00	17.5' LT	816+65.95	20.7' LT					26.0					NORTH ALIGNMENT
US45	NORTH	817+01.04	20.6' LT	824+01.80	17.0' LT					227.0					NORTH ALIGNMENT
US45	NORTH	762+45.50	18.7' RT	790+28.22	17.4' RT					917.0					NORTH ALIGNMENT
US45	NORTH	800+94.88	16.7' RT	805+57.08	16.7' RT					155.0					NORTH ALIGNMENT
US45	NORTH	814+79.99	16.9' RT	816+58.15	19.7' RT					59.0					NORTH ALIGNMENT
US45	NORTH	817+24.97	20.9' RT	824+01.80	17.2' RT					216.0					NORTH ALIGNMENT
US45	SOUTH	877+11.17	20.5' RT	885+00.00	17.1' RT					262.0					SOUTH ALIGNMENT
US45	SOUTH	847+67.36	21.1' RT	876+75.60	20.5' RT					968.0					SOUTH ALIGNMENT
US45	SOUTH	838+03.36	18.1' RT	847+39.94	21.2' RT					312.0					SOUTH ALIGNMENT
US45	SOUTH	834+19.74	18.3' RT	834+83.70	18.2' RT					22.0					SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	831+00.00	18.0' RT	834+19.74	18.3' RT					107.0					SOUTH ALIGNMENT - GALLATIN COUNTY
US45	SOUTH	860+58.57	20.3' LT	885+00.00	17.2' LT					815.0					SOUTH ALIGNMENT
US45	SOUTH	838+03.17	18.0' LT	860+05.10	20.3' LT					733.0					SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	834+06.80	17.5' LT	834+83.60	17.5' LT					26.0					SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	831+00.00	17.7' LT	834+06.80	17.5' LT					103.0					SOUTH ALIGNMENT - GALLATIN COUNTY
US45	SOUTH	834+83.60	17.5' LT	838+03.20	18.0' LT						107.0				SOUTH ALIGNMENT
US45	SOUTH	834+83.70	18.2' RT	835+49.95	44.8' RT						25.0				SOUTH ALIGNMENT
US45	SOUTH	837+07.63	27.0' RT	838+03.35	18.1' RT						32.0				SOUTH ALIGNMENT
IL141	141	00+31.17	59.5' RT	1+56.51	18.0' RT						45.0				141 ALIGNMENT
IL141	141	00+52.27	97.8' RT	1+56.51	18.0' LT						50.0				141 ALIGNMENT
US45	SOUTH	830+00.00	12.0' LT	831+00.00	12.0' LT								17.0		SOUTH ALIGNMENT
US45	SOUTH	830+01.00	12.0' RT	831+01.00	12.0' RT								17.0		SOUTH ALIGNMENT
US45	NORTH	762+45.50	12.67' RT	797+20.76	12.67' RT									3473.0	NORTH ALIGNMENT
US45	NORTH	797+50.77	12.67' RT	799+76.17	12.67' RT									226.0	NORTH ALIGNMENT
US45	NORTH	800+14.08	12.67' RT	816+35.65	12.67' RT									1623.0	NORTH ALIGNMENT
US45	NORTH	817+37.53	12.67' RT	824+01.80	12.67' RT									637.0	NORTH ALIGNMENT
US45	NORTH	762+90.50	12.67' LT	764+88.78	12.67' LT									199.0	NORTH ALIGNMENT
US45	NORTH	766+18.56	12.67' LT	782+47.45	12.67' LT									1629.0	NORTH ALIGNMENT
US45	NORTH	782+75.09	12.67' LT	800+25.90	12.67' LT									1748.0	NORTH ALIGNMENT
US45	NORTH	800+59.94	12.67' LT	816+59.77	12.67' LT									1598.0	NORTH ALIGNMENT
US45	NORTH	817+09.30	12.67' LT	824+01.80	12.67' LT									671.0	NORTH ALIGNMENT
US45	SOUTH	885+00.00	12.67' LT	860+60.66	12.67' LT									5442.0	SOUTH ALIGNMENT
US45	SOUTH	860+03.00	12.67' LT	834+08.56	12.67' LT									2593.0	SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	834+08.56	12.67' LT	831+00.00	12.67' LT									309.0	SOUTH ALIGNMENT - GALLATIN COUNTY
US45	SOUTH	885+00.00	12.67' RT	877+14.60	12.67' RT									785.0	SOUTH ALIGNMENT
US45	SOUTH	876+72.27	12.67' RT	847+69.43	12.67' RT									2901.0	SOUTH ALIGNMENT
US45	SOUTH	847+37.87	12.67' RT	836+90.90	12.67' RT									1047.0	SOUTH ALIGNMENT
US45	SOUTH	835+36.59	12.67' RT	834+17.72	12.67' RT									119.0	SOUTH ALIGNMENT -WHITE COUNTY
US45	SOUTH	834+17.72	12.67' RT	831+00.00	12.67' RT									318.0	SOUTH ALIGNMENT - GALLATIN COUNTY
					SUBTOTALS	2564.0	61.0	308.0	11.0	13773.0	5975.0	259.0	34.0	25318.0	
					PAY ITEM TOTALS	2564	61	308	11	13773	5975	259	34	25318	



USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	21
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE NAME: 2302063.18 US 45DCNDesignFinalCAD_Sheets14-20-0978789-schedule.dgn

GUTTER SCHEDULE									
LOCATION						CLASS S1 CONCRETE (OUTLET) (CU YD)	CONCRETE GUTTER TYPE A (FOOT)	GUTTER REMOVAL (SPECIAL) (FOOT)	NOTES
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET				
US 45	NORTH	790+13.87		790+82.25		7.9			RT - OUTLET
US 45	NORTH	790+82.25	21.7' RT	797+20.72	21.5' RT		635.5		
US 45	NORTH	797+20.73		797+50.73		5.0			RT - ENTRANCE
US 45	NORTH	797+50.71	21.7' RT	799+76.16	21.4' RT		226.0		
US 45	NORTH	799+76.16		800+14.12		6.6			RT - ENTRANCE
US 45	NORTH	800+14.14	21.5' RT	800+40.87	21.4' RT		27.0		
US 45	NORTH	800+40.88		801+09.29		7.9			RT - OUTLET
US 45	NORTH	793+39.71		794+08.17		7.9			LT - OUTLET
US 45	NORTH	794+08.17	21.4' LT	800+25.89	22.6' LT		614.5		
US 45	NORTH	800+25.87		800+59.90		6.2			LT - ENTRANCE
US 46	NORTH	800+59.90	22.0' LT	801+64.95	21.4' LT		105.5		
US 45	NORTH	801+64.94		802+22.71		7.4			LT - OUTLET
US 45	NORTH	805+42.64		806+11.08		7.9			RT - OUTLET
US 45	NORTH	806+11.08	21.4' RT	814+43.26	21.2' RT		836.0		
US 45	NORTH	814+43.26		814+94.24		5.9			RT - OUTLET
US 45	NORTH	805+42.68		806+11.08		7.9			LT - OUTLET
US 45	NORTH	806+11.07	21.4' LT	815+54.21	22.0' LT		938.5		
US 45	NORTH	815+44.17		816+13.33		8.4			LT - OUTLET
US 45	NORTH	790+74.09	12.9' RT	795+79.26	13.0' RT			506.0	
US 45	NORTH	803+44.65	12.8' RT	803+60.49	13.4' RT			16.0	
US 45	NORTH	805+82.04	12.5' RT	808+80.09	12.9' RT			299.0	
US 45	NORTH	793+50.11	12.6' LT	795+79.56	12.4' LT			230.0	
US 45	NORTH	798+87.23	12.6' LT	801+77.60	12.6' LT			291.0	
US 45	NORTH	803+45.52	13.4' LT	803+62.31	13.2' LT			17.0	
US 45	NORTH	805+54.13	12.5' LT	810+25.81	13.0' LT			472.0	
SUBTOTALS						79.0	3383.0	1831.0	
PAY ITEM TOTALS						79.0	3383	1831	

SIGN SCHEDULE						
LOCATION				SIGN PANEL TYPE 1 (SQ FT)	NOTES	
ROADWAY	ALIGNMENT	STATION	OFFSET		TYPE	DESCRIPTION
US 45	NORTH	817+29.00	26.8' RT	2.0	D3-1	STREET SIGN - US HWY 45
US 45	NORTH			2.0	D3-1	STREET SIGN - US HWY 45
US 45	NORTH			1.0	D3-1	STREET SIGN - 300N
US 45	NORTH			1.0	D3-1	STREET SIGN - 300N
SUBTOTAL				6.0		
PAY ITEM TOTAL				6		

PIPE CULVERT SCHEDULE														
LOCATION						TRENCH BACKFILL (CU YD)	REMOVAL OF EXISTING STRUCTURES (EACH)	PIPE CULVERT REMOVAL (FOOT)	PIPE CULVERTS CLASS A TYPE 2 18" (FOOT)	PIPE CULVERTS CLASS A TYPE 2 48" (FOOT)	PIPE CULVERTS CLASS D TYPE 2 24" (FOOT)	PRC FLARED END SECTIONS 18" (EACH)	PRC FLARED END SECTIONS 48" (EACH)	METAL FLARED END SECTIONS 24" (EACH)
ROADWAY	ALIGNMENT	STATION	OFFSET	STATION	OFFSET									
US 45	NORTH	816+71.92	47.8' RT	817+27.44	41.7' RT	49.3		54.2	55			2		
US 45	NORTH	820+99.70	28.8' RT	820+99.70	30.9' LT	79.0	1			60			2	
US 45	SOUTH	883+58.98	28.6' LT	883+91.66	28.7' RT	204.0	1			66			2	
US 45	NORTH	816+55.72	33.2' LT	817+08.29	37.4' LT	60.4			55			2		
US 45	NORTH	816+58.67	28.7' LT	817+11.54	30.8' LT			54						
US 45	SOUTH	847+34.62	37.0' RT	847+73.70	37.0' RT			39.1			40			2
PAY ITEM TOTALS						393.0	2	149	110	126	40	4	4	2

NOTE: SEE STRUCTURE PLANS FOR ADDITIONAL
CULVERT QUANTITIES.

A NOTE ON US 45 STATIONING:

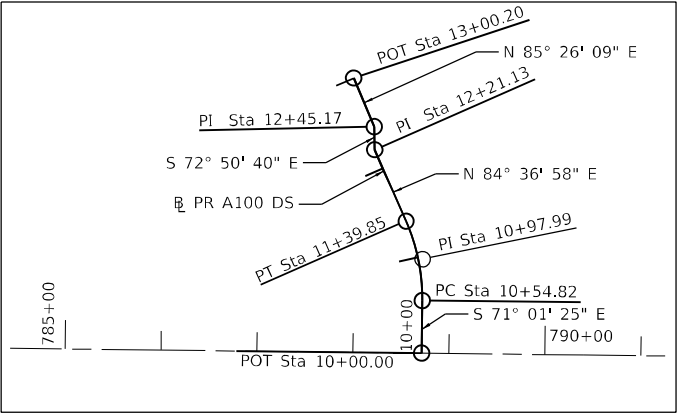
US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

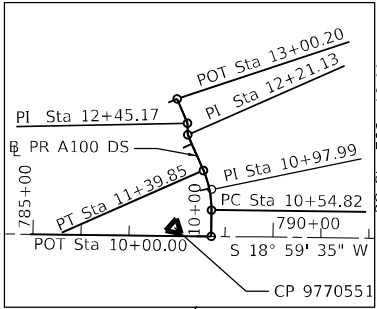
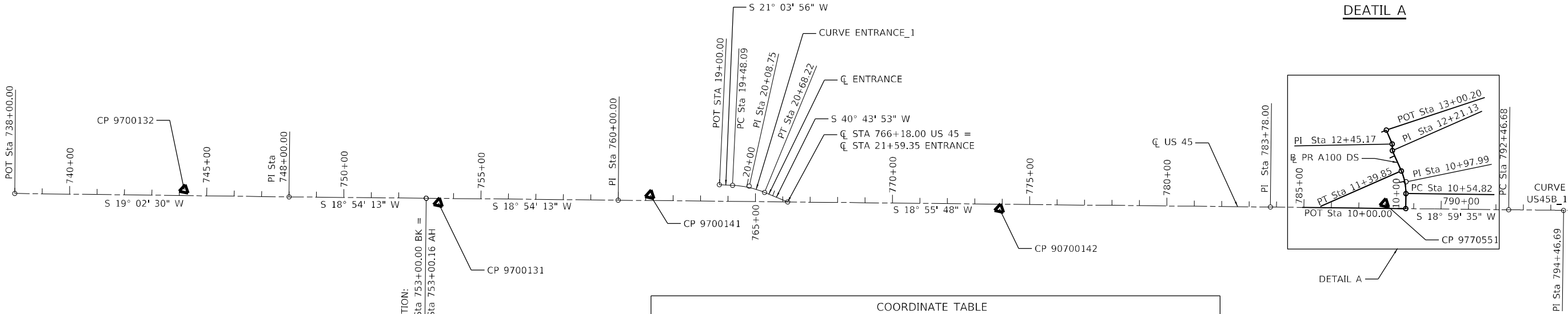
CURVE ENTRANCE_1
PI STA. = 20+08.75
Δ = 19° 39' 57" (RT)
D = 16° 22' 13"
R = 350.00'
T = 60.66'
L = 120.13'
E = 5.22'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 19+48.09
P.T. STA. = 20+68.22

CURVE US45B_13
PI STA. = 794+46.69
Δ = 0° 37' 14" (LT)
D = 0° 09' 19"
R = 36,931.22'
T = 200.00'
L = 400.00'
E = 0.54'
e = EXISTING
T.R. = EXISTING
S.E. RUN = EXISTING
P.C. STA. = 792+46.68
P.C.C. STA. = 796+46.68

PROP. CURVE PR_A100_DS_3
PI STA. = 10+97.99
Δ = 24° 21' 37" (LT)
D = 28° 38' 52"
R = 200.00'
T = 43.17'
L = 85.03'
E = 4.61'
P.C. STA. = 10+54.82
P.T. STA. = 11+39.85



DEATIL A



DETAIL A

MATCHLINE STA. 795+00

COORDINATE TABLE			
STATION	OFFSET	NORTHING	EASTING
US 45B (NORTH LEG)			
POT 738+00.00	0.00	465,095.1331	981,835.4084
PI 748+00.00	0.00	464,149.8516	981,509.1524
POT 753+00.00 BK = 753+00.16 AH	0.00	463,676.8193	981,347.1634
PI 760+00.00	0.00	463,014.7223	981,120.4295
PI 783+78.00	0.00	460,765.3357	980,348.9739
PC 792+46.68	0.00	459,943.9437	980,066.2591
PI 794+46.69	0.54' RT	459,754.8301	980,001.1681
PCC 796+46.68 BK = 796+49.98 AH	0.00	459,565.0226	979,938.1292
PI 798+49.99	0.54' RT	459,375.2152	979,875.0902
PT 800+49.98	0.00	459,184.7361	979,814.1108
PC 811+14.57	0.00	458,170.8363	979,489.5236
PI 812+92.82	7.91' RT	458,001.0761	979,435.1770
PT 814+70.13 BK = 814+71.13 AH	0.00	457,824.3921	979,411.6230
PC 815+76.53	0.00	457,719.9175	979,397.6953
PI 818+14.64	19.20' LT	457,483.8971	979,366.2310
PT 820+48.63 BK = 820+73.56 AH	0.00	457,269.9448	979,261.7318
POT 824+01.80	0.00	456,975.0014	979,117.6747
US 45 (SOUTH LEG)			
POT 885+00.00	0.00	456,975.0014	979,117.6747
PT 882+06.32	0.00	456,711.1125	978,988.7852
PI 879+30.00	8.28' LT	456,462.2320	978,867.2263
PC 876+53.02	0.00	456,200.6255	978,776.2313
POT 857+67.34 AH = 857+65.00 BK	0.00	454,419.6128	978,156.7392
POT 820+67.94	0.00	450,927.7540	976,942.1612

COORDINATE TABLE			
STATION	OFFSET	NORTHING	EASTING
ENTRANCE			
POT 19+00.00	0.00	462,646.6556	981,058.0771
PC 19+48.09	0.00	462,601.7777	981,040.7911
PI 20+08.75	5.22' LT	462,545.1691	981,018.9867
PT 20+68.22	0.00	462,499.2003	980,979.4034
POT 21+59.35	0.00	462,430.1467	980,919.9419
GOSSETT RD			
POT 10+00.00	0.00	457,603.2696	979,128.3115
POT 12+49.91	0.00	457,607.2885	979,378.1879
POT 15+00.00	0.00	457,611.3104	979,628.2468
IL ROUTE 141			
POT 0+00.00	0.00	452,374.7680	977,445.6227
PC 3+91.29	0.00	452,340.0205	977,835.3701
PI 7+75.30	8.60' RT	452,305.9199	978,217.8595
PT 11+57.02 AH = 11+58.79 BK	0.00	452,306.1549	978,601.8660
PR A100 DS			
POT 10+00.00	0.00	460,298.7570	980,188.3835
PC 10+54.82	0.00	460,280.9306	980,240.2244
PI 10+97.99	4.61' RT	460,266.8930	980,281.0472
PT 11+39.85	0.00	460,270.9434	980,324.0256
PI 12+21.13	0.00	460,278.5690	980,404.9400
PI 12+45.17	0.00	460,271.4760	980,427.9170
POT 13+00.20	0.00	460,275.8550	980,482.7710
PR E100 DS			
POT 10+00.00	0.00	455,120.5068	978,400.5322
PI 10+78.82	0.00	455,095.9318	978,475.4200
PC 11+15.09	0.00	455,084.3871	978,509.8097
PI 11+60.09	15.00' LT	455,070.2659	978,552.5327
PT 11+92.31	0.00	455,025.2977	978,550.9422
PC 12+37.08	0.00	454,980.5562	978,549.3598
PI 12+82.75	15.41' RT	454,934.9084	978,547.7453
PT 13+15.16	0.00	454,921.2010	978,591.3164
POT 13+18.16	0.00	454,920.3018	978,594.1746
PR F100 US			
POT 10+00.00	0.00	452,586.1235	977,293.4764
PI 11+98.90	0.00	452,500.4610	977,472.9880
POT 12+14.21	0.00	452,495.4865	977,487.4677

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - SJF	REVISED -
PLOT SCALE = 400,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

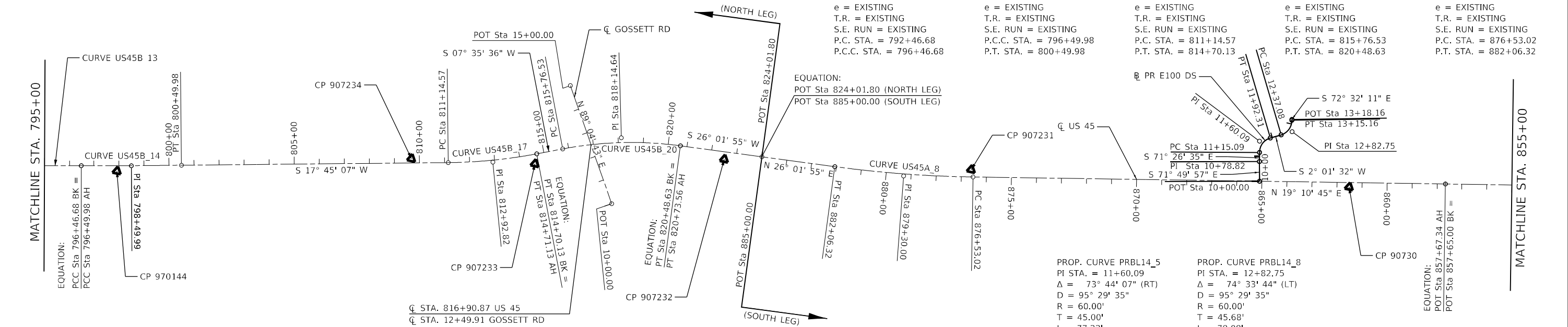
SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. 738+00 TO STA. 795+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	23
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

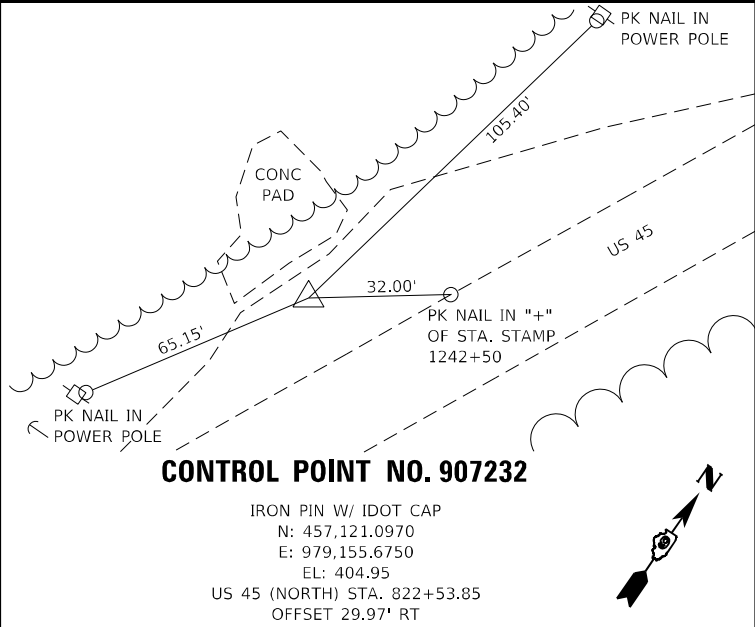
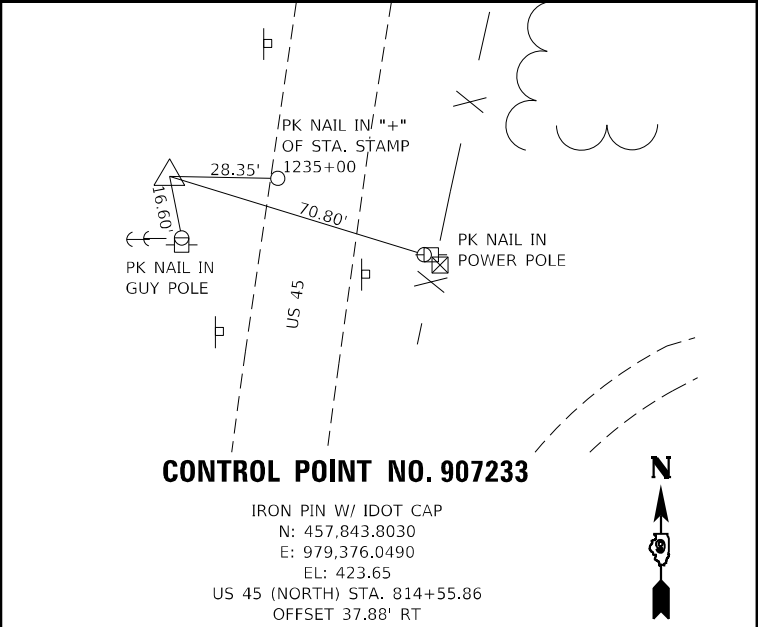
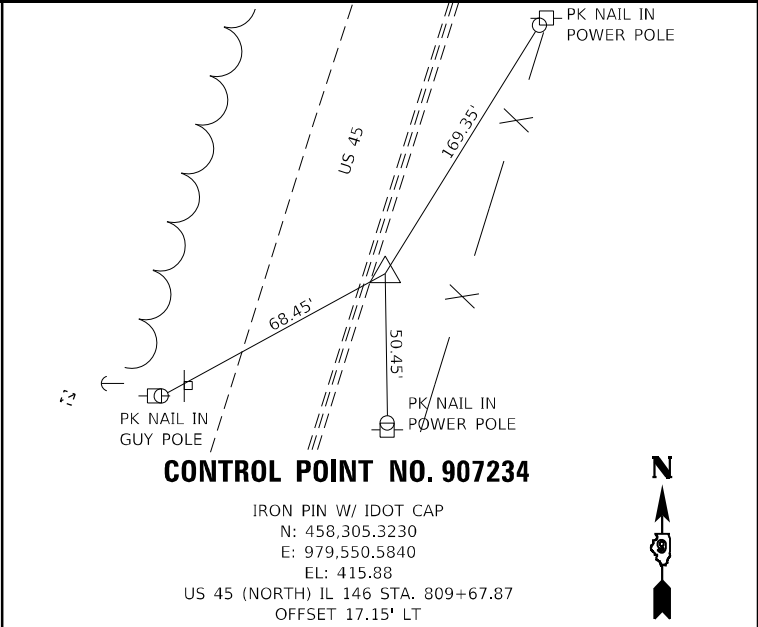
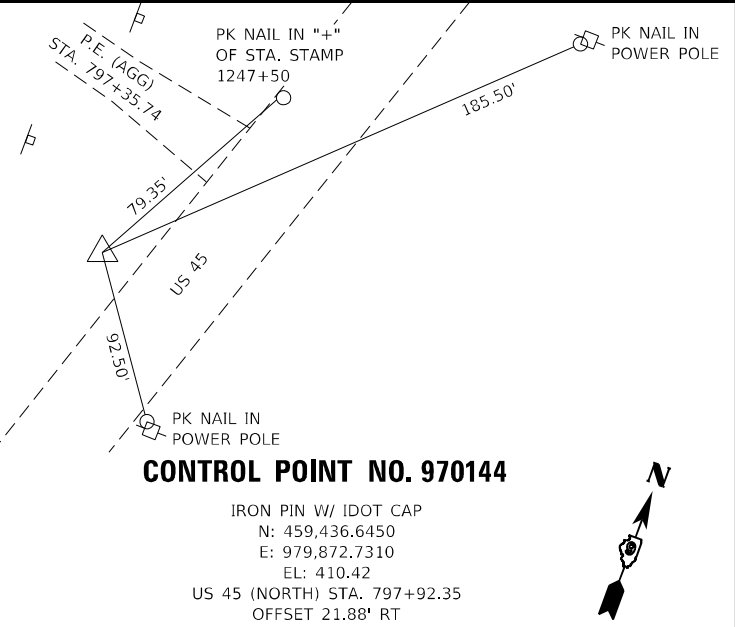
NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



CONTROL POINTS						
POINT NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
US 45B (NORTH LEG)						
9700132	464,504.1470	981,654.4060	378.14	744+17.70	21.71' LT	IRON PIN & IDOT CAP
9700131	463,639.6720	981,316.7840	378.84	753+45.14	16.71' RT	IRON PIN & IDOT CAP
9700141	462,898.2840	981,101.7060	382.07	761+16.22	20.06' LT	IRON PIN & IDOT CAP
9700142	461,704.8010	980,653.0910	378.52	773+90.69	17.11' RT	IRON PIN & IDOT CAP
9770551	460,365.9130	980,229.7790	379.98	787+94.47	17.29' LT	IRON PIN & IDOT CAP
970144	459,436.6450	979,872.7310	410.42	797+92.35	21.88' RT	IRON PIN & IDOT CAP
907234	458,305.3230	979,550.5840	415.88	809+67.87	17.15' LT	IRON PIN & IDOT CAP
907233	457,843.8030	979,376.0490	423.65	814+55.86	37.88' RT	IRON PIN & IDOT CAP
907232	457,121.0970	979,155.6750	404.95	822+53.85	29.97' RT	IRON PIN & IDOT CAP
US 45A (SOUTH LEG)						
907231	456,198.4730	978,806.4370	422.76	876+60.96	29.23' RT	IRON PIN & IDOT CAP
90730	454,788.2387	978,265.7354	422.97	861+51.31	18.16' LT	IRON PIN & IDOT CAP
907230	453,404.2727	977,889.7175	417.23	847+18.29	81.36' RT	IRON PIN & IDOT CAP
907229	452,369.8693	977,422.0777	400.78	835+87.67	20.49' LT	IRON PIN & IDOT CAP

HORIZONTAL COORDINATE VALUES: ILLINOIS STATE PLANE - EAST ZONE
HORIZONTAL DATUM: NAD 83 (1997 ADJUSTMENT)
REFERENCE ELLIPSOID: WGS 1984; GEOID03.
VERTICAL DATUM: NAVD 1988.

BENCHMARKS		
NAME	ELEVATION	DESCRIPTION
BM 9707804	380.630	SQUARE CUT ON TOP OF S.W. WINGWALL OF SN 097-0013
BM 9707803	383.454	SQUARE CUT ON TOP OF S.E. WINGWALL OF SN 097-0014
BM 7055	376.137	CHISELED "□" ON CENTER OF EAST HEADWALL OF SN 097-7055



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - SJF	REVISED -
PLOT SCALE = 400,000' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. 795+00 TO STA. 855+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	24
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

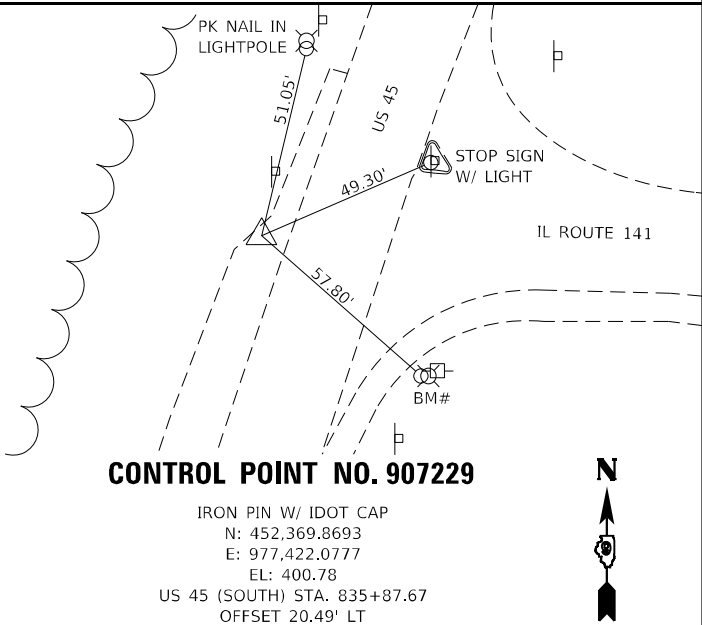
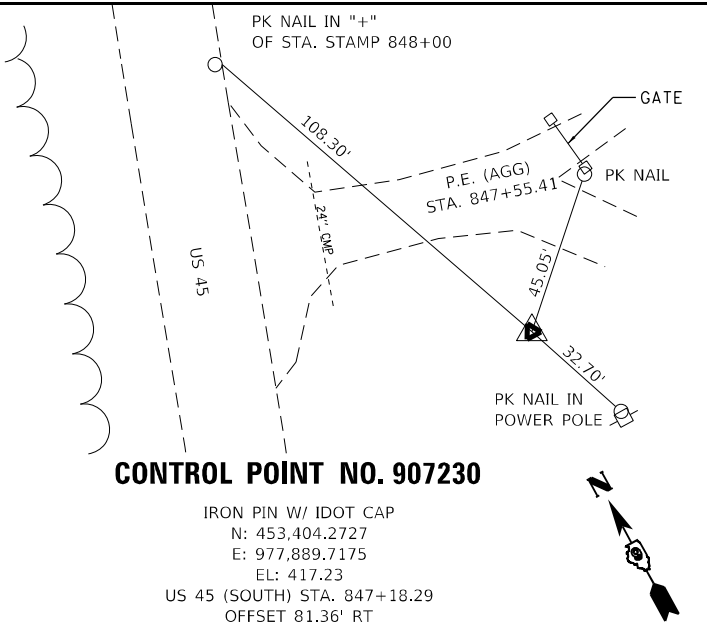
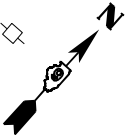
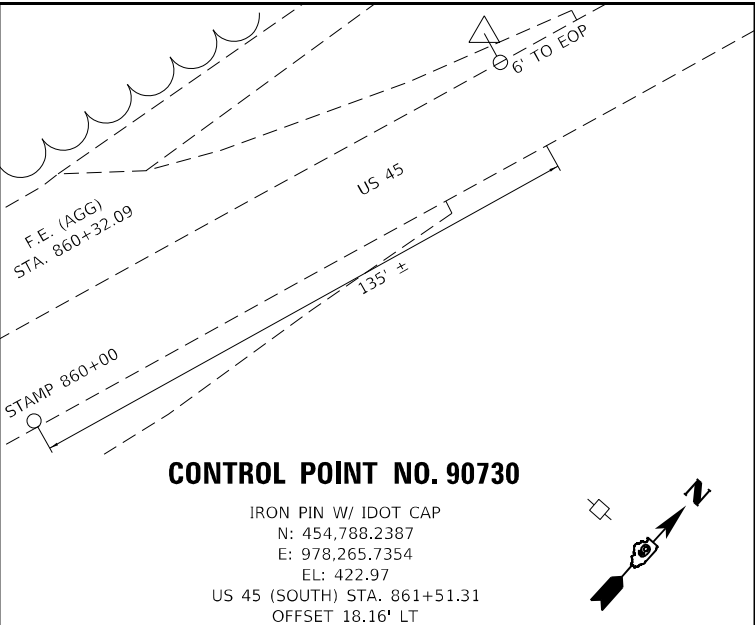
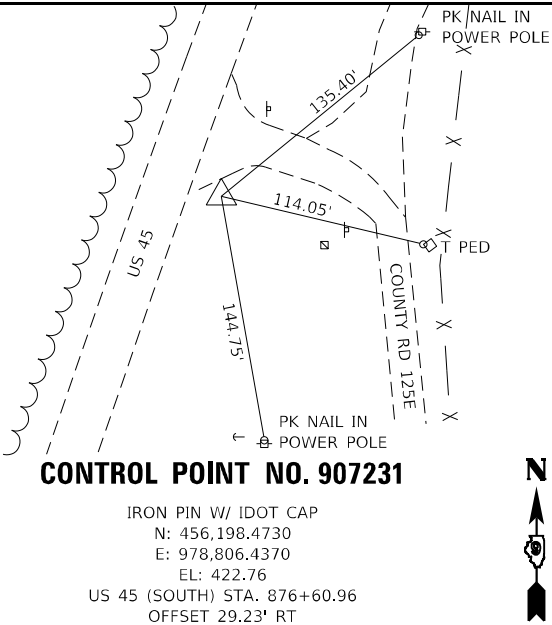
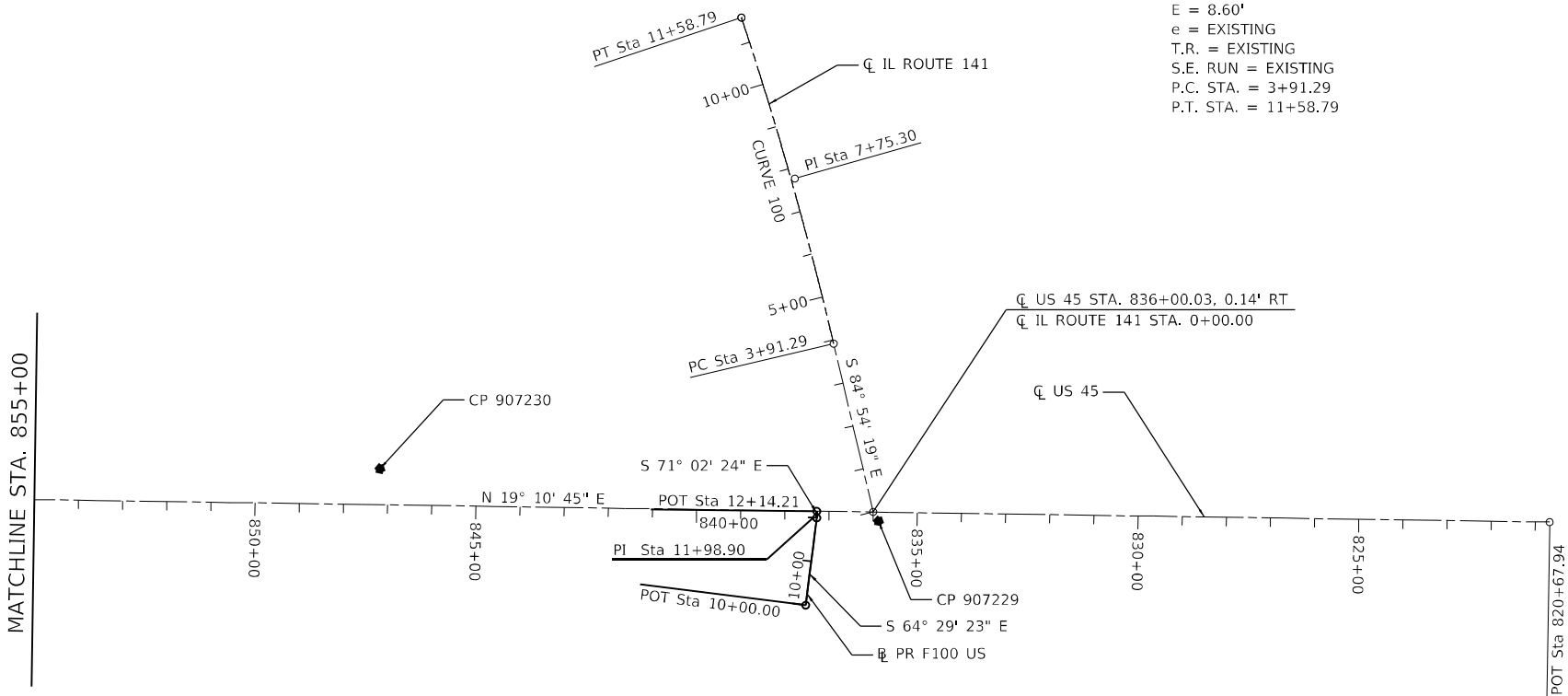
× WHITE/ GALLATIN

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

CURVE 100
PI STA. = 7+75.30
 Δ = 5° 07' 47" (LT)
D = 0° 40' 06"
R = 8,572.45'
T = 384.01'
L = 767.50'
E = 8.60'
e = EXISTING
T.R. = EXISTING
S.E. RUN = EXISTING
P.C. STA. = 3+91.29
P.T. STA. = 11+58.79



EFK Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - SJF	REVISED -
PLOT SCALE = 400,000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

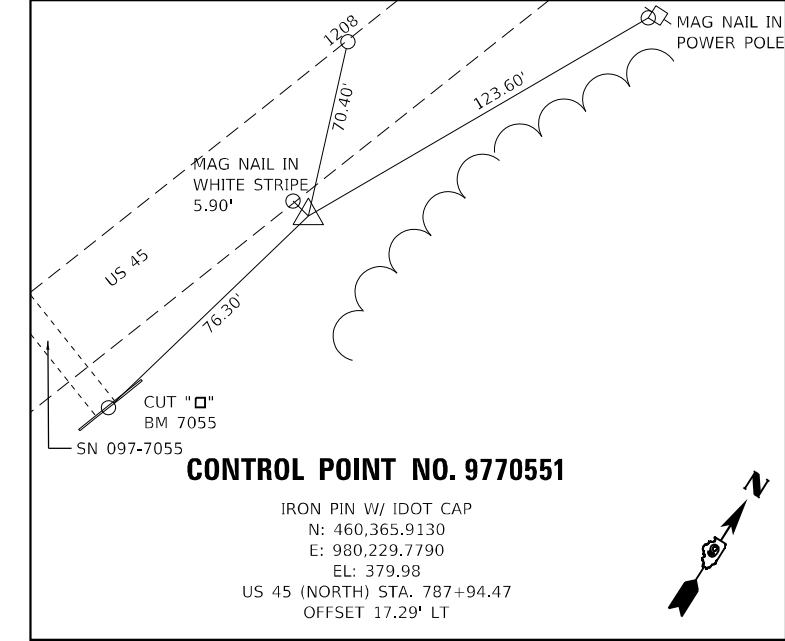
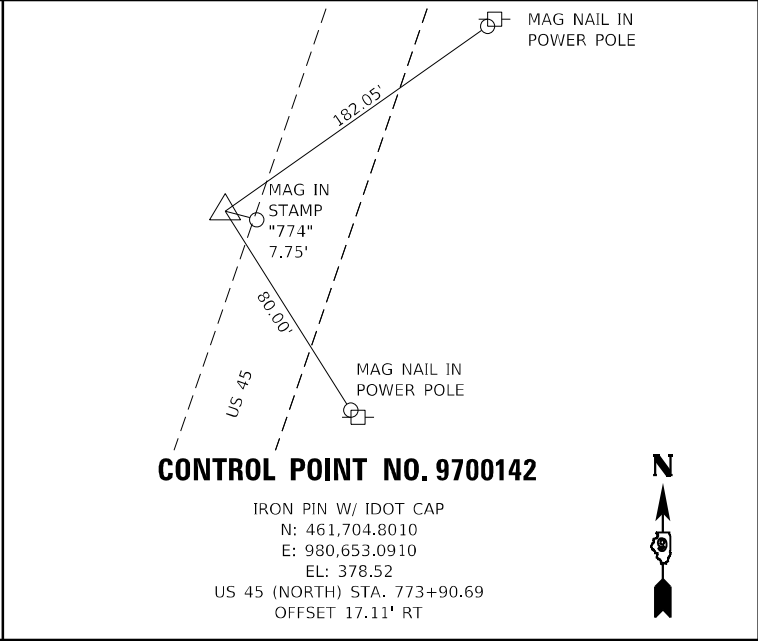
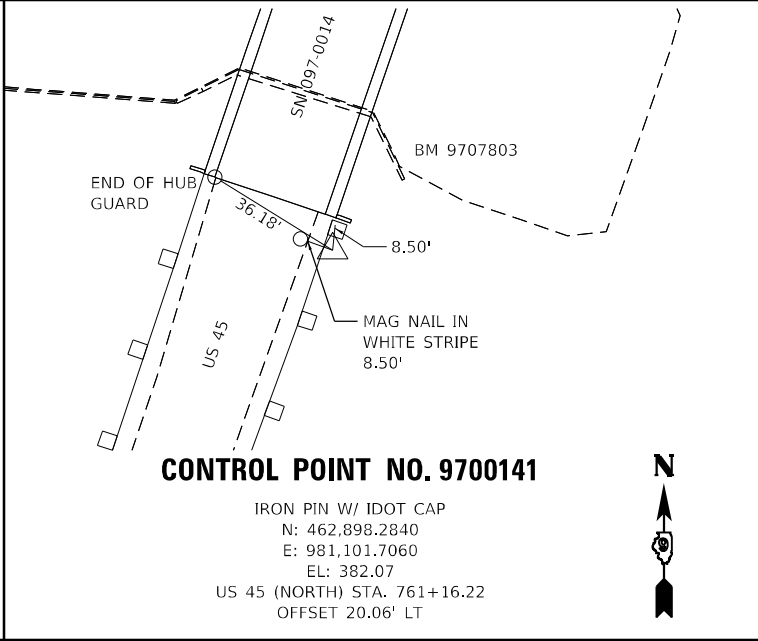
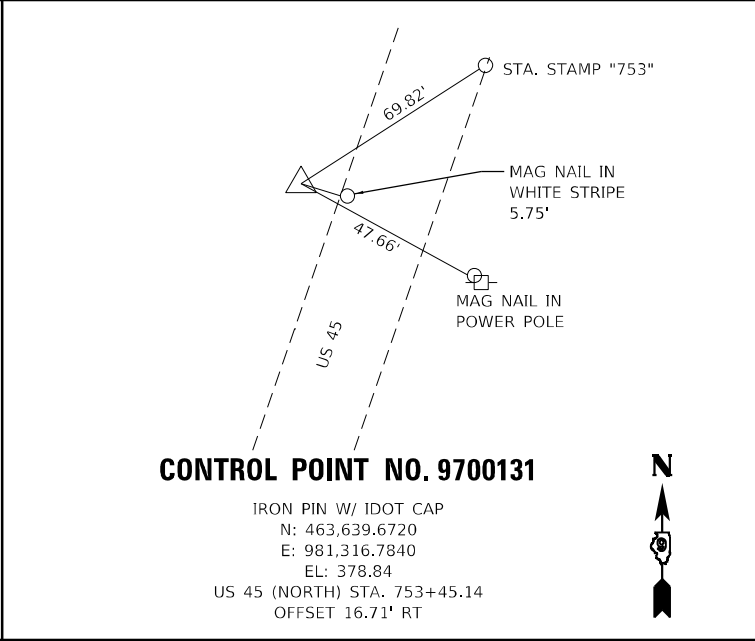
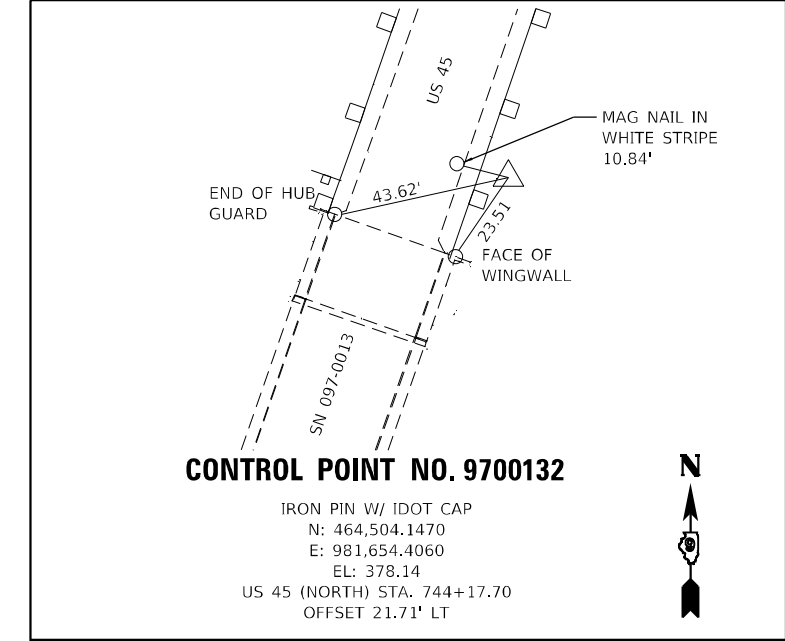
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. 885+00 TO STA. 821+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	25
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

× WHITE/ GALLATIN



MODEL: Default
FILE NAME: 23-0063.18 US 45DCNDesignFinalCAD_Sheets1024D97789-4H-ATE4.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
DRAWN - SJF	REVISED -	
PLOT SCALE = 400,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	26
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

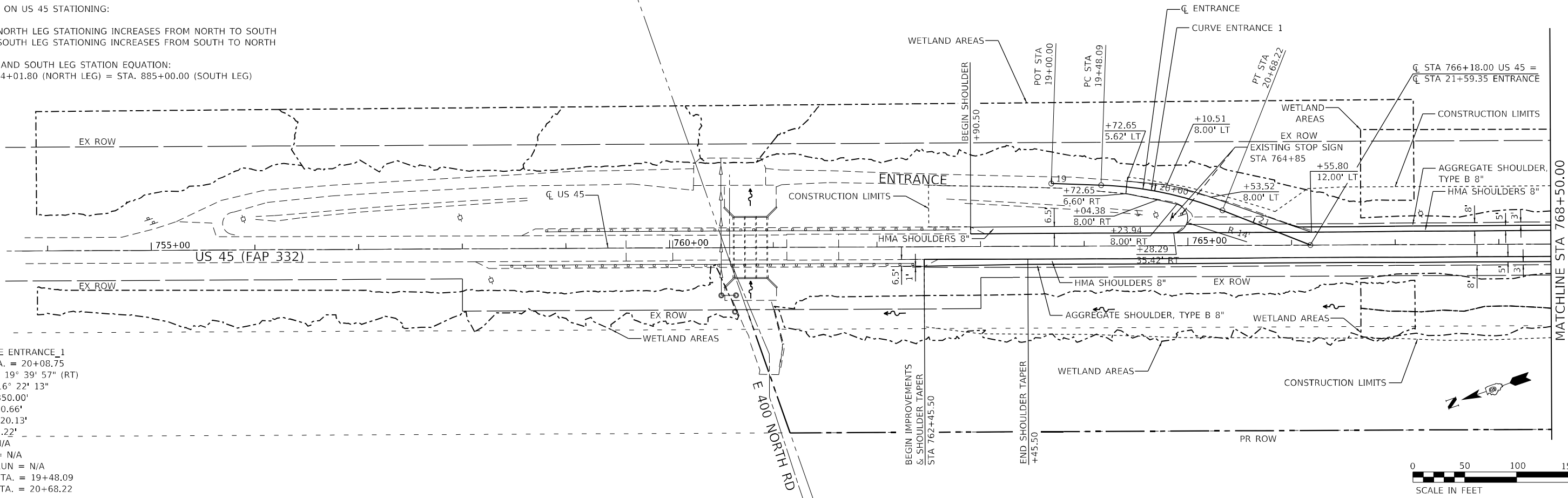
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A NOTE ON US 45 STATIONING:

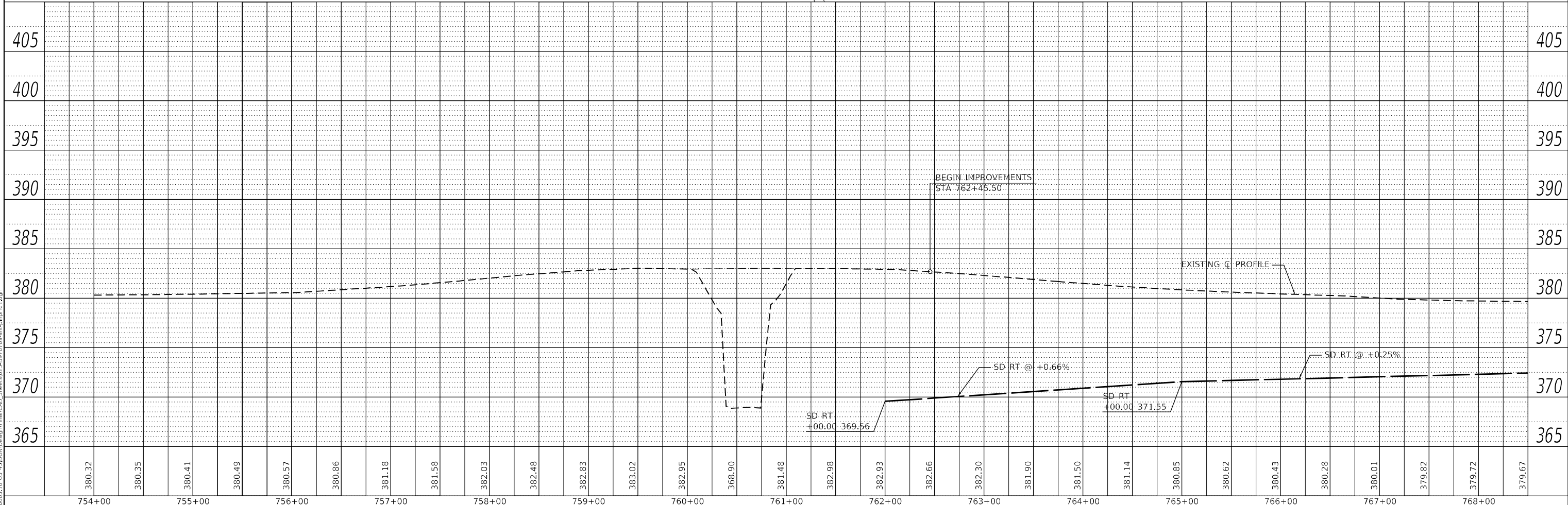
US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

CURVE ENTRANCE_1
PI STA. = 20+08.75
Δ = 19° 39' 57" (RT)
D = 16° 22' 13"
R = 350.00'
T = 60.66'
L = 120.13'
E = 5.22'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 19+48.09
P.T. STA. = 20+68.22



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



EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - ZJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE								F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100,0022 ' / in.	DRAWN - ZJW	REVISED -										**	(28,29,100,101-2)SR-1,N-1	*	165	27	
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -		** 332 / 877								CONTRACT NO. 78789					
		DATE - 2/28/2025	REVISED -		SCALE: 1" = 50'					SHEET	1	OF	9	SHEETS	STA.	754+00	TO STA.	768+50

* WHITE/ GALLATIN

PLAN	SURVEYED	DATE
NOTE BOOK NO.	BY	

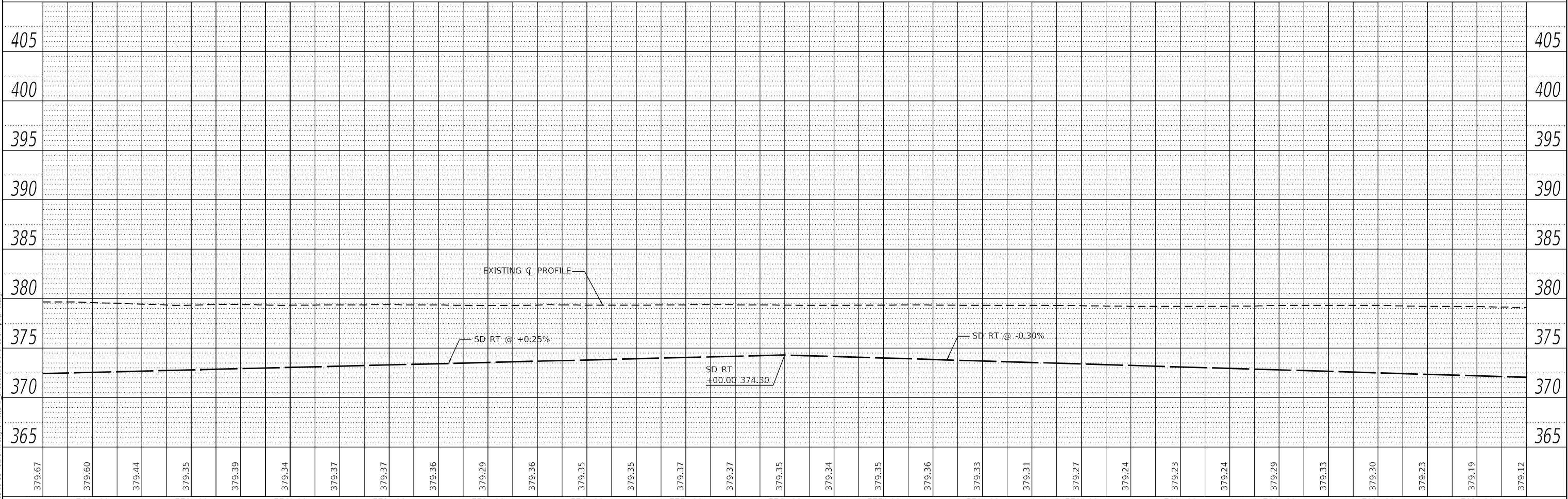
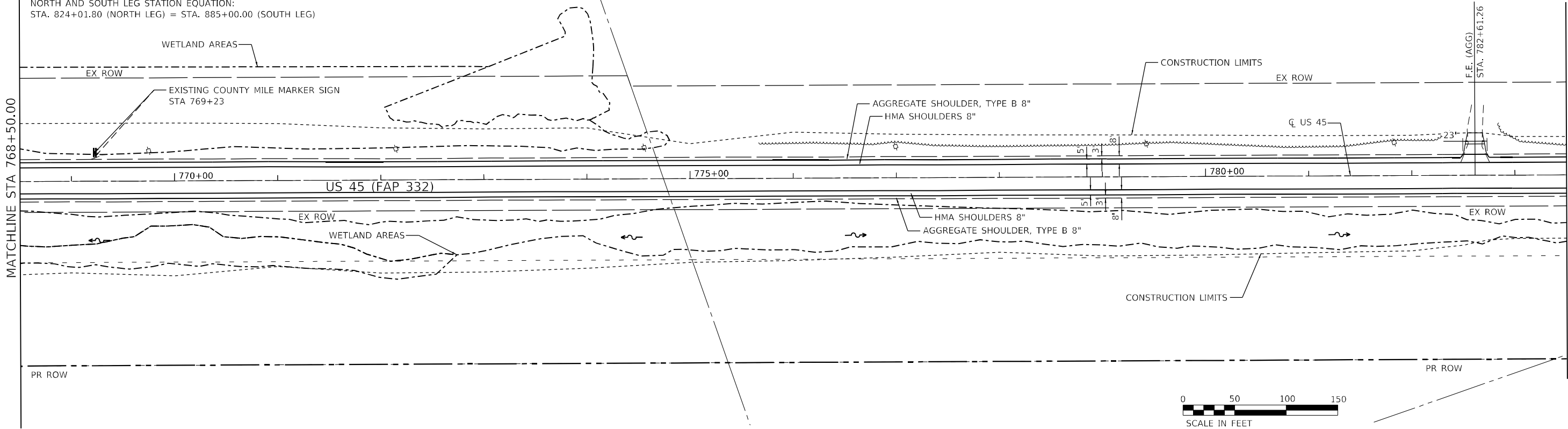
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NOTE BOOK NO.	BY	

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A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 100,0022 ' / in.
PLOT DATE = 2/28/2025

DESIGNED - ZJB
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

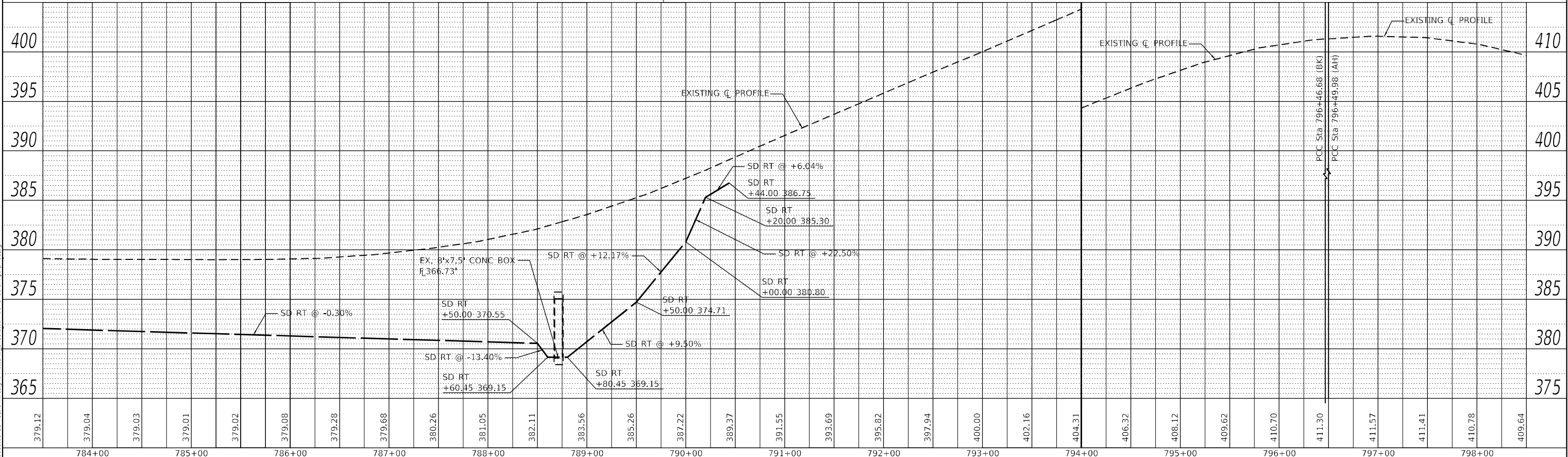
PLAN AND PROFILE

SCALE: 1" = 50' SHEET 2 OF 9 SHEETS STA. 768+50 TO STA. 783+50

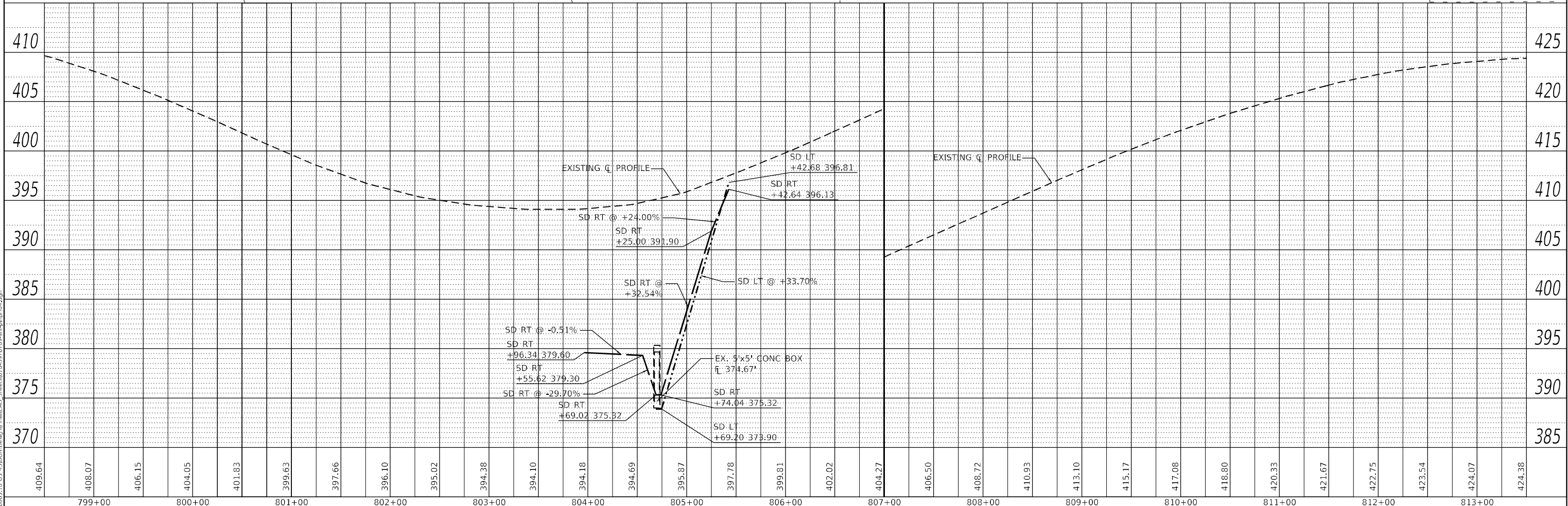
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	28
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M., NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		



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



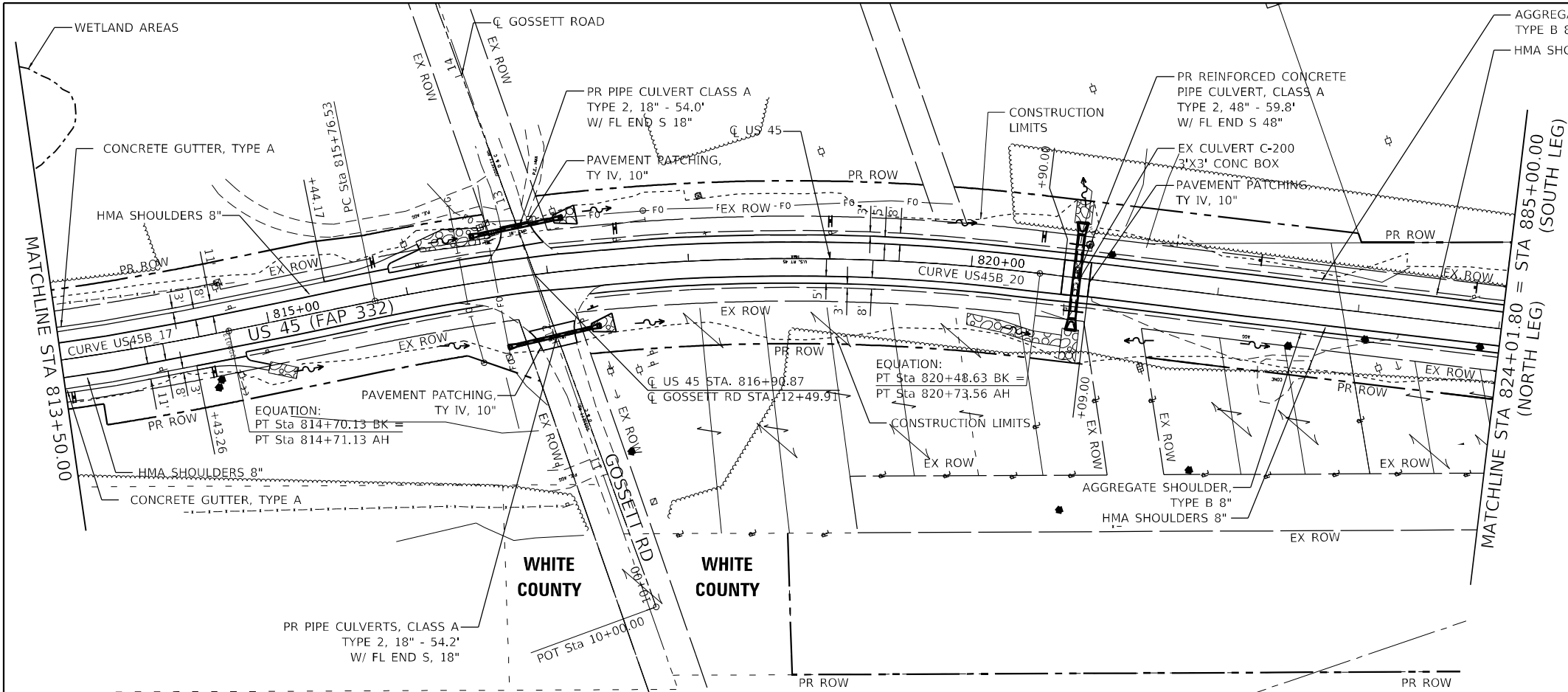
	USER NAME = ZWaters	DESIGNED - ZJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ZJW	REVISED -						**	(28,29,100,101-2)SR-1,N-1	*	165	30
	PLOT SCALE = 100,0022 ' / in.	CHECKED - SLD	REVISED -		** 332 / 877		CONTRACT NO.78789						
	PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -		SCALE: 1" = 50'	SHEET 4 OF 9 SHEETS	STA. 798+50 TO STA. 813+50	ILLINOIS / FED. AID PROJECT					

* WHITE/ GALLATIN

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

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

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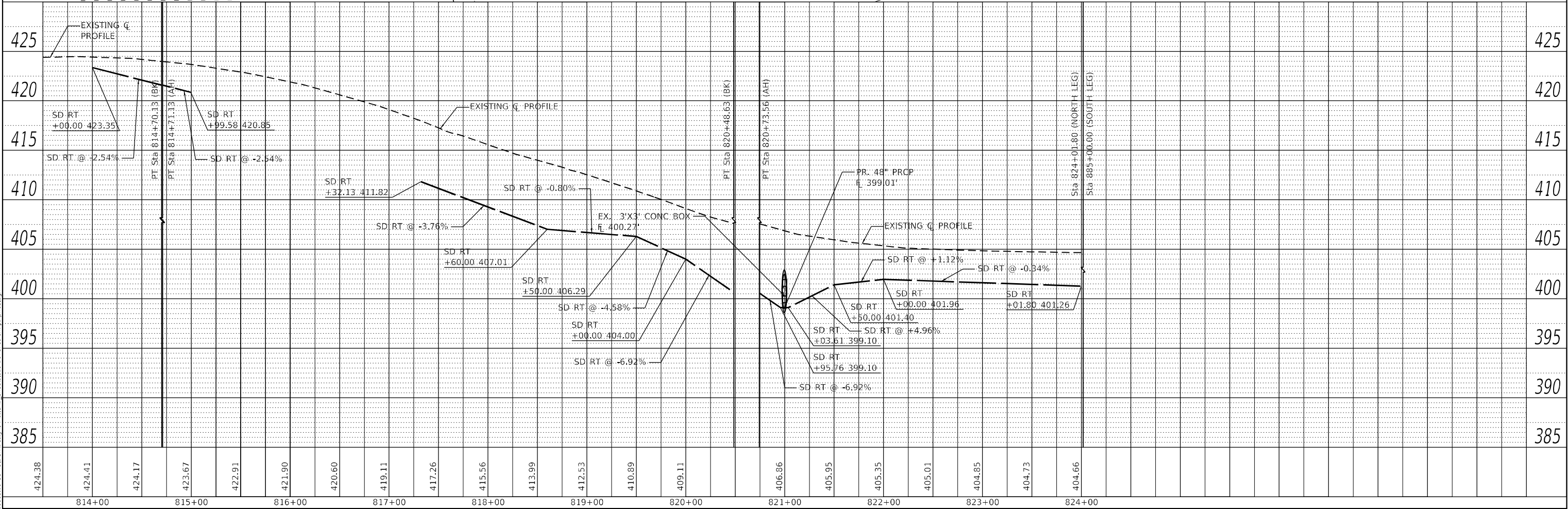
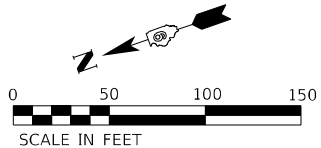


CURVE US45B_17 PI STA. = 812+92.82 Δ = 10° 09' 30" (LT) D = 2° 51' 25" R = 2,005.44' T = 178.25' L = 355.56' E = 7.91' e = EXISTING T.R. = EXISTING S.E. RUN = EXISTING P.C. STA. = 811+14.57 P.T. STA. = 814+70.13	CURVE US45B_20 PI STA. = 818+14.64 Δ = 18° 26' 19" (RT) D = 3° 54' 20" R = 1,467.00' T = 238.11' L = 472.10' E = 19.20' e = EXISTING T.R. = EXISTING S.E. RUN = EXISTING P.C. STA. = 815+76.53 P.T. STA. = 820+48.63
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A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

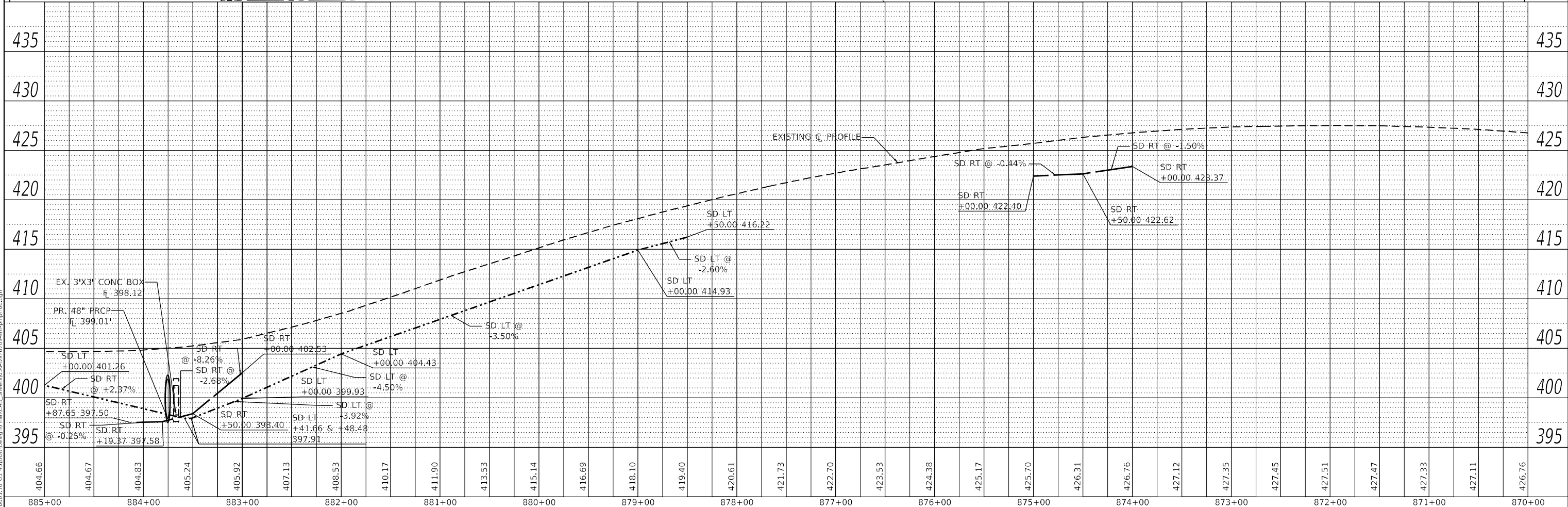
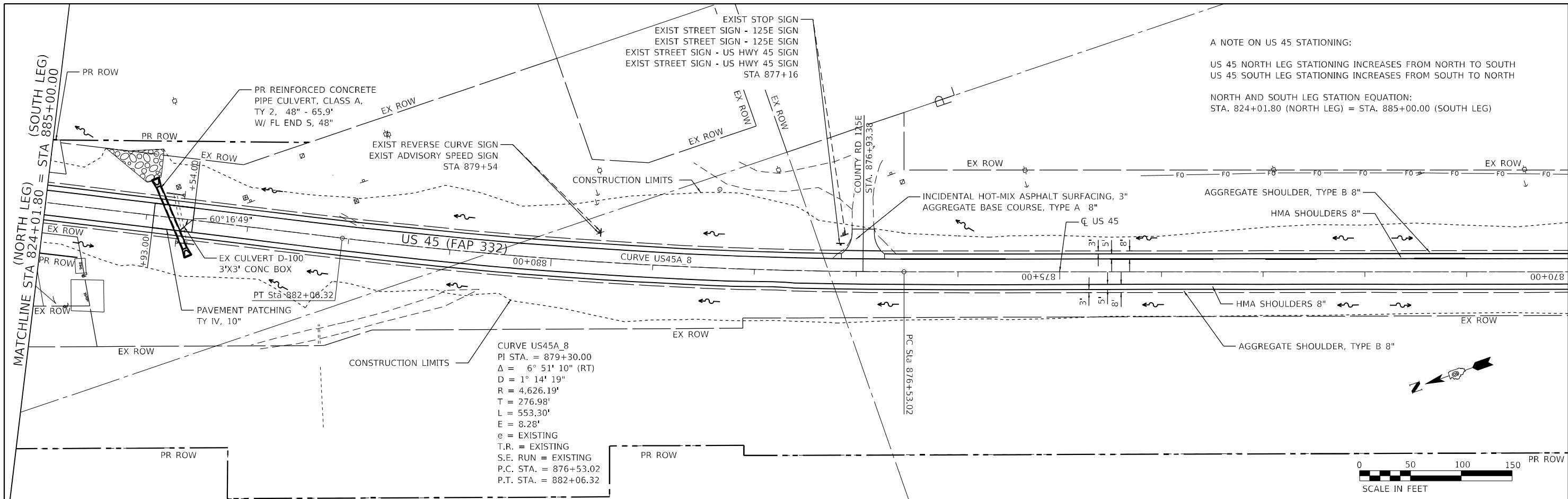
NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - ZJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0022 ' / in.	DRAWN - ZJW	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	31
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -		** 332 / 877					CONTRACT NO. 78789				
		DATE - 2/28/2025	REVISED -		SCALE: 1" = 50'					SHEET 5 OF 9 SHEETS	STA. 813+50 TO STA. 824+01.80	ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	I.M., NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



	USER NAME = ZWaters	DESIGNED - ZJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0022' / in.	DRAWN - ZJW	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	32
	PLOT DATE = 3/3/2025	CHECKED - SLD	REVISED -		** 332 / 877					CONTRACT NO. 78789				
		DATE - 3/3/2025	REVISED -		SCALE: 1" = 50'	SHEET 6 OF 9 SHEETS	STA. 885+00 TO STA. 870+00	ILLINOIS	FED. AID PROJECT					

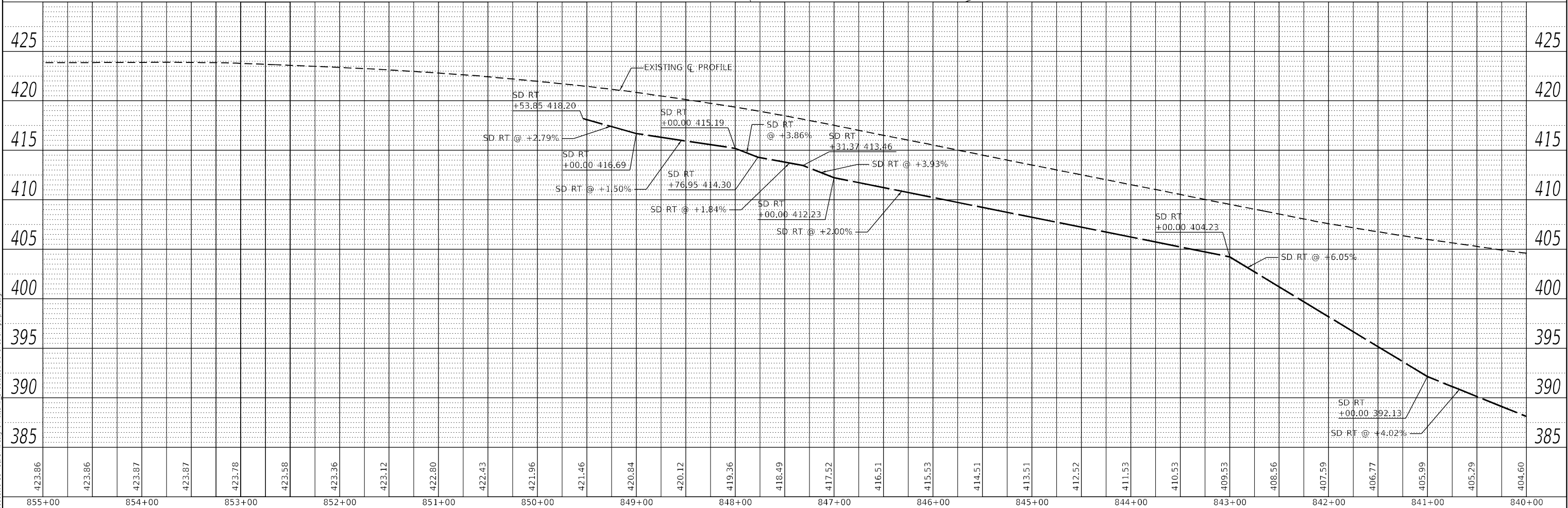
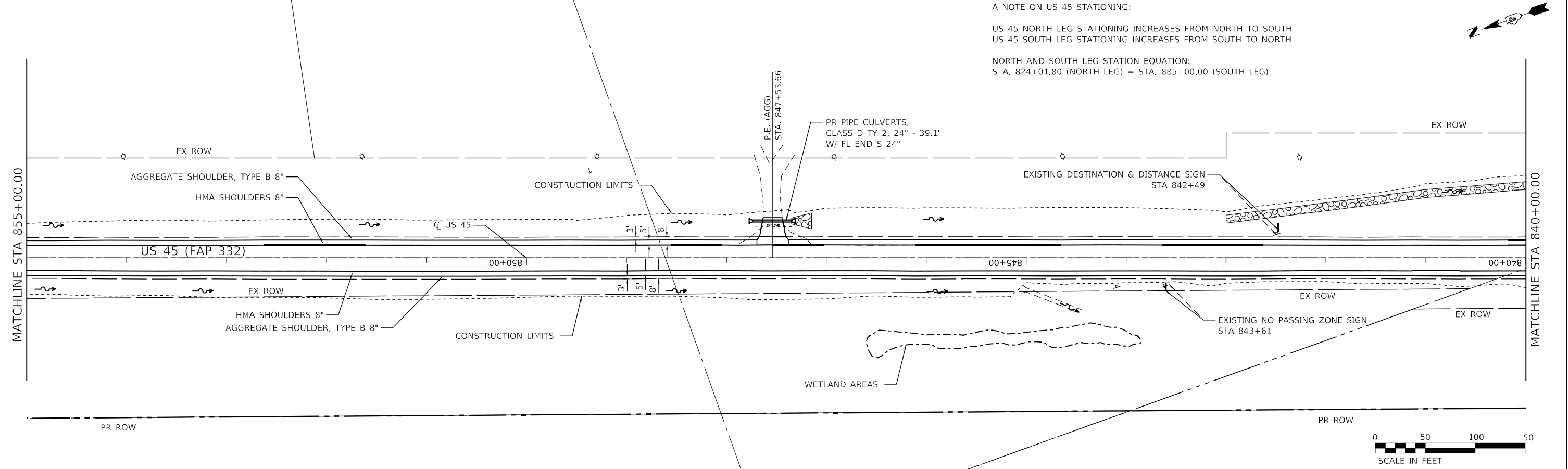
* WHITE/ GALLATIN

* WHITE/ GALLATIN

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

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

MODEL: Default
FILE NAME: Z:\30003\18 US 45\DCM\Design\Final\CAD Sheets\032-2972785-sh-pln-06.dgn



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - ZJB	REVISED -
PLOT SCALE = 100,0022' / in.	DRAWN - ZJW	REVISED -
PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -
	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

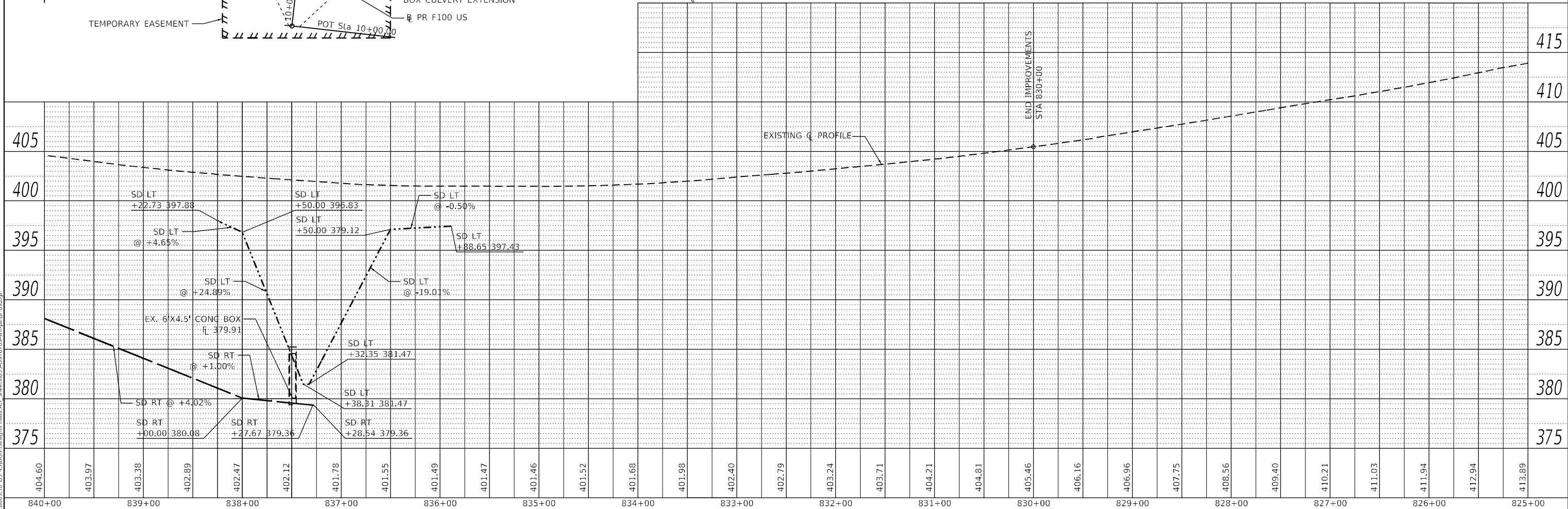
PLAN AND PROFILE

SCALE: 1" = 50' SHEET 8 OF 9 SHEETS STA. 855+00 TO STA. 840+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	34
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

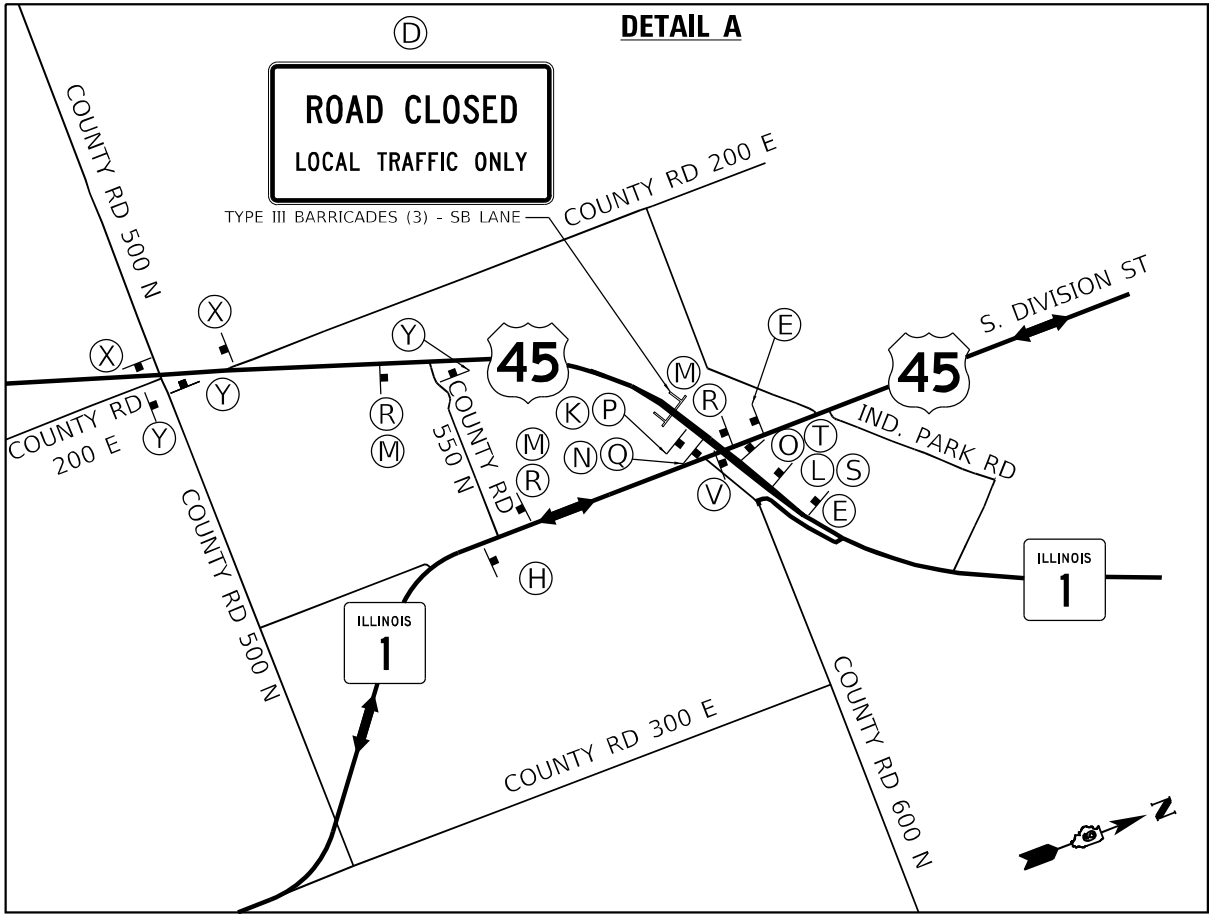
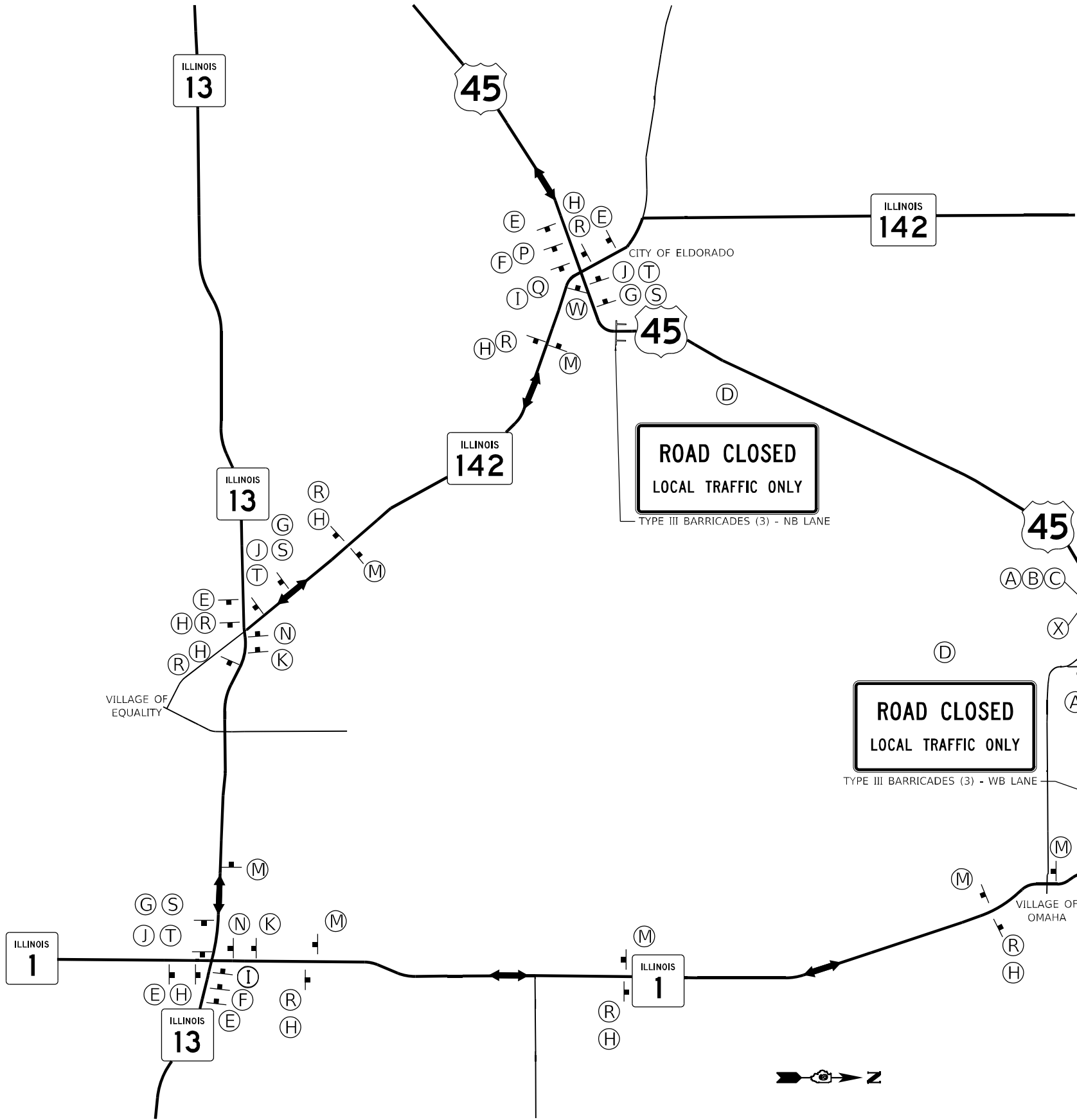
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	I.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		

[illegible]

	USER NAME = ZWaters	DESIGNED - ZJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0022 ' / in.	DRAWN - ZJW	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	35
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -		** 332 / 877					CONTRACT NO. 78789				
	DATE = 2/28/2025	DATE - 2/28/2025	REVISED -		SCALE: 1" = 50'	SHEET 9 OF 9 SHEETS	STA. 840+00 TO STA. 825+00			ILLINOIS FED. AID PROJECT				

* WHITE/ GALLATIN

MODEL: Default
FILE NAME: 2/23/2025, 18 US 45/DCN/Design/Initial/CAD_Sheets/034-D978789-4-H0700.dgn



ROAD CLOSED
LOCAL TRAFFIC ONLY

TYPE III BARRICADES (3) - WB LANE

ROAD CLOSED
LOCAL TRAFFIC ONLY

TYPE III BARRICADES (3) - SB LANE

LEGEND:

- SIGN
- TYPE III BARRICADE
- TRAFFIC FLOW

NOTES:

1. PRIOR TO INSTALLING GROUND MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.
3. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED.
4. ANY IDOT SIGN THAT IS COVERED OR CHANGED SHALL BE DONE IN A MANNER WHICH DOES NOT DAMAGE ANY SIGNS OR POSTS. ANY SIGN OR POST WHICH THE ENGINEER DETERMINES HAS BEEN DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
5. SPACING BETWEEN SUCCESSIVE SIGNS SHOWN ON THIS DETAIL SHALL BE APPROXIMATELY 500 FT OR AS DIRECTED BY THE ENGINEER.

EFK•Moen
Civil Engineering Design

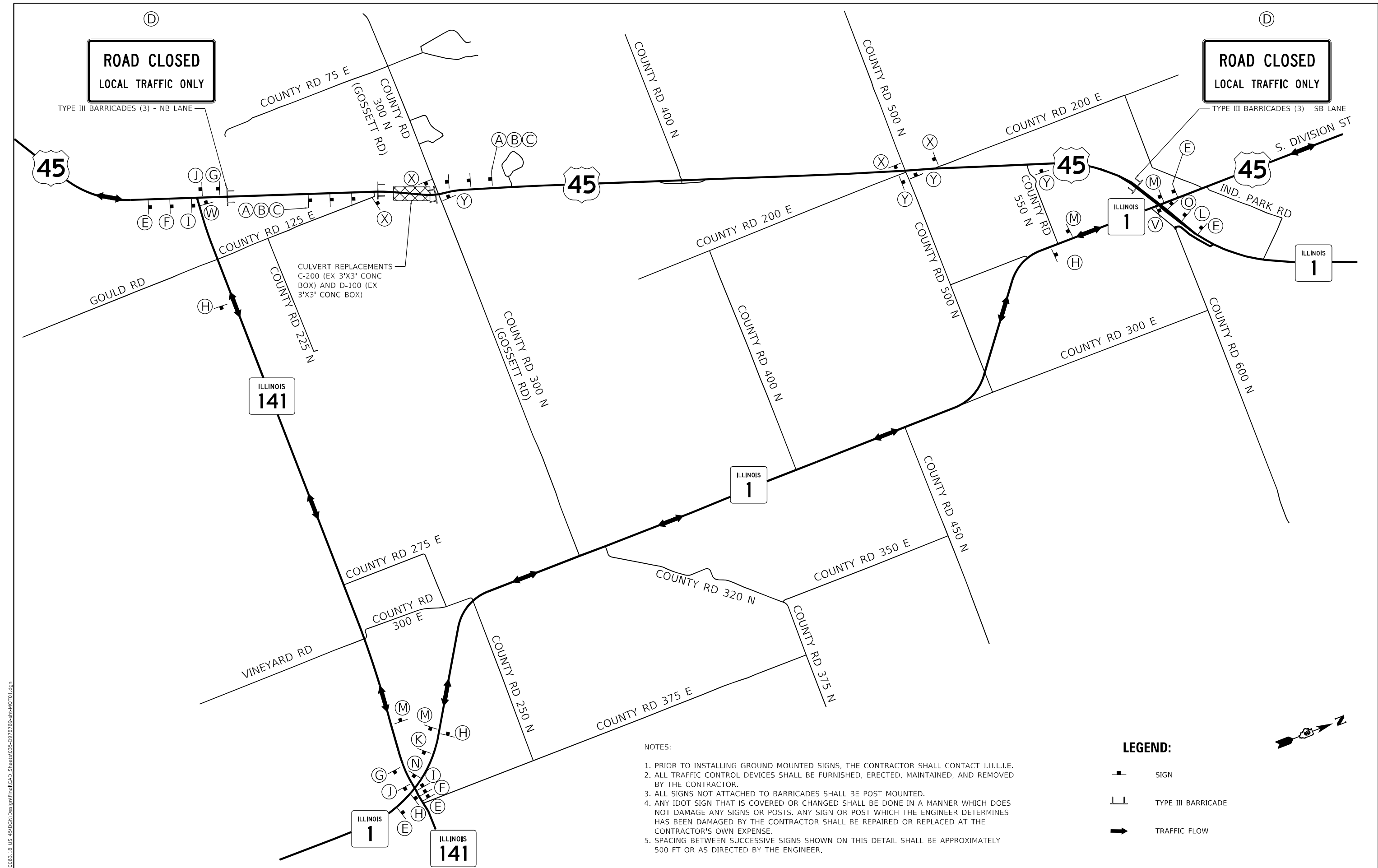
USER NAME = ZWaters	DESIGNED - ZJB	REVISED -
	DRAWN - ZJW	REVISED -
PLOT SCALE = 8000,0000 ' / in.	CHECKED - JRD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

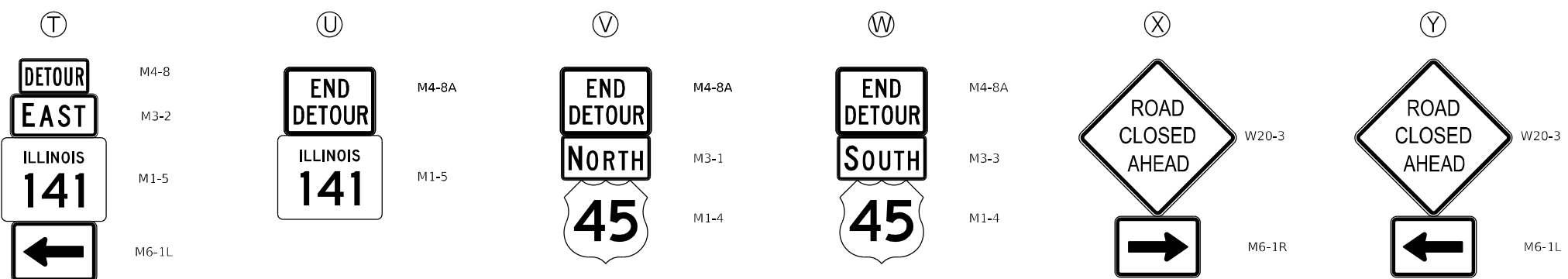
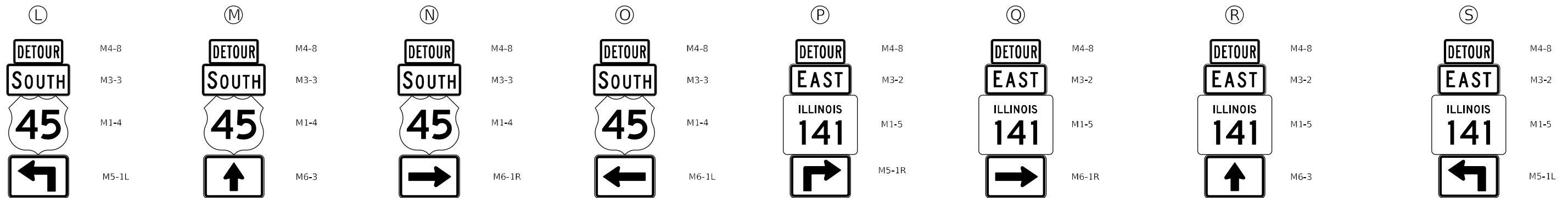
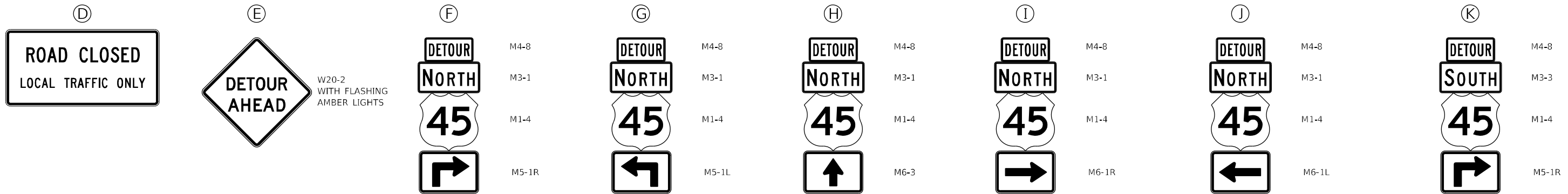
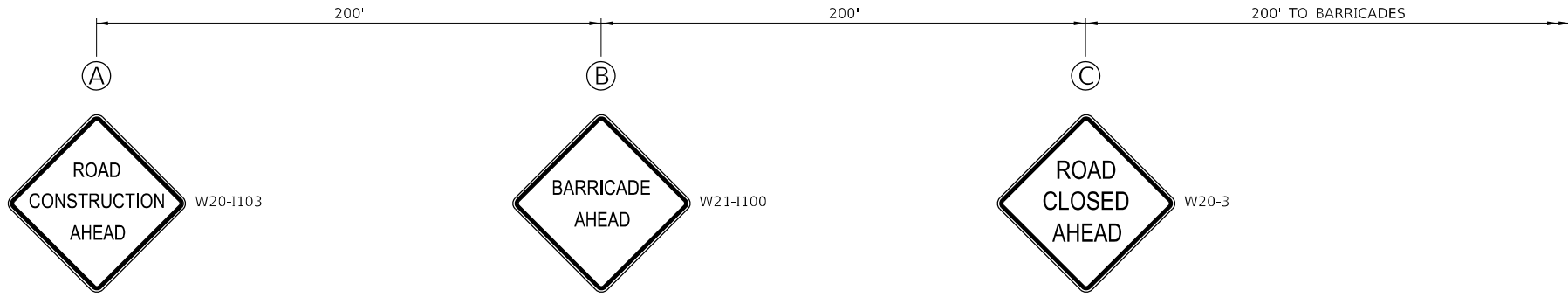
TRAFFIC CONTROL AND PROTECTION			
US 45 AND IL ROUTE 141 WEEKEND CLOSURE DETOUR DETAIL			
SCALE: N/A	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	36
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN



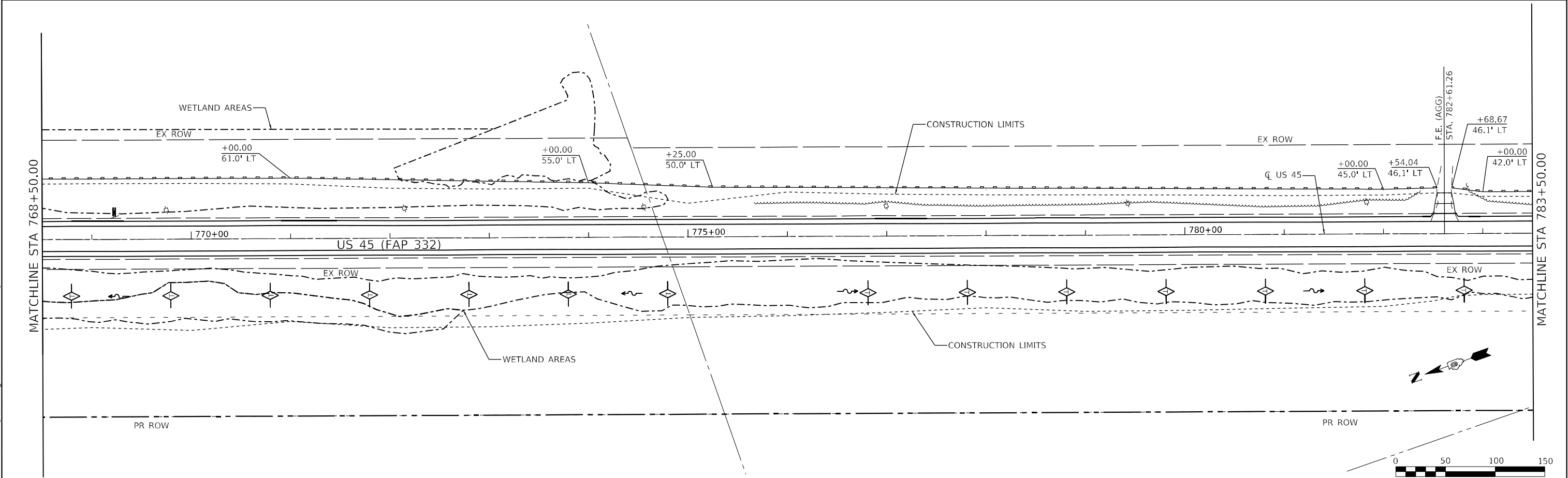
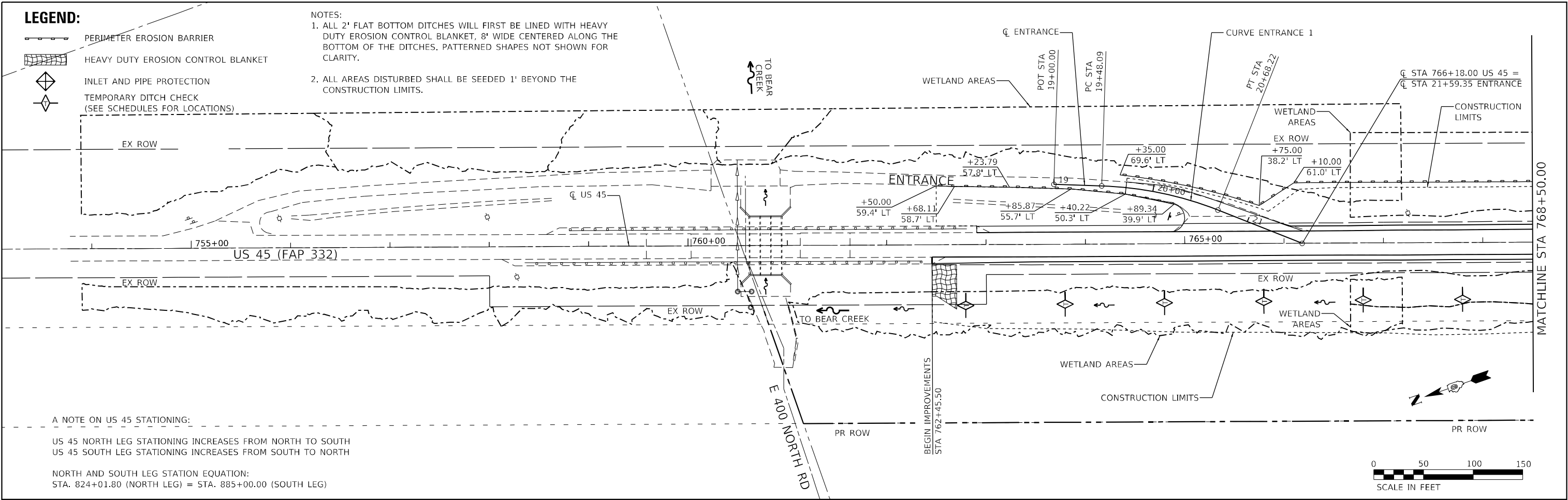
MODEL: Default
FILE NAME: 23-0063.18 US 45DCNDesignFinalCAD_Sheets035-09789-4-H0703.dgn



LEGEND:

- PERIMETER EROSION BARRIER
- HEAVY DUTY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK (SEE SCHEDULES FOR LOCATIONS)

- NOTES:
- ALL 2' FLAT BOTTOM DITCHES WILL FIRST BE LINED WITH HEAVY DUTY EROSION CONTROL BLANKET, 8' WIDE CENTERED ALONG THE BOTTOM OF THE DITCHES. PATTERNED SHAPES NOT SHOWN FOR CLARITY.
 - ALL AREAS DISTURBED SHALL BE SEEDED 1' BEYOND THE CONSTRUCTION LIMITS.



EFK Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
DRAWN - ZJB	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 754+00 TO STA. 783+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	39
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

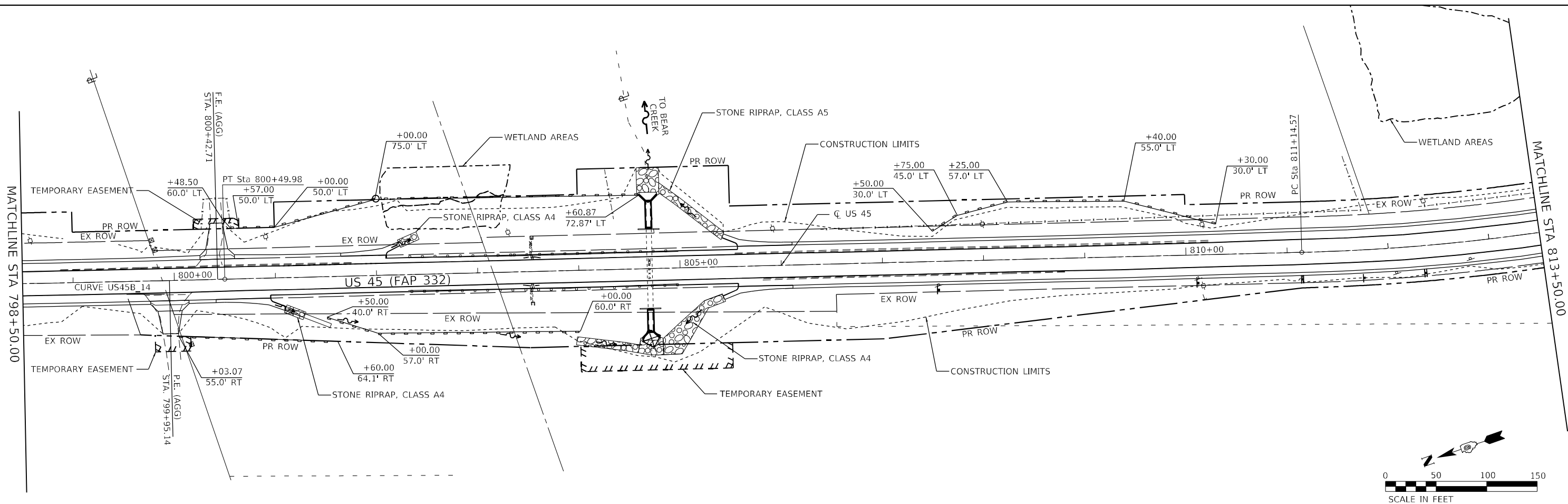
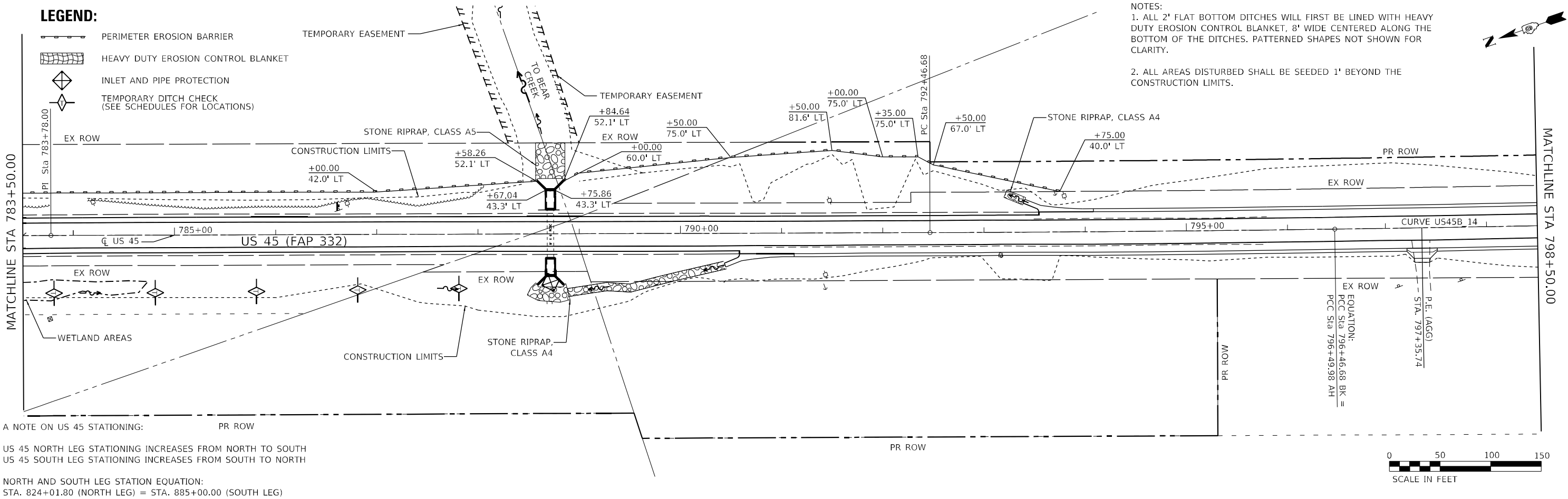
* WHITE/ GALLATIN

LEGEND:

- PERIMETER EROSION BARRIER
- HEAVY DUTY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK (SEE SCHEDULES FOR LOCATIONS)

NOTES:

- ALL 2' FLAT BOTTOM DITCHES WILL FIRST BE LINED WITH HEAVY DUTY EROSION CONTROL BLANKET, 8' WIDE CENTERED ALONG THE BOTTOM OF THE DITCHES. PATTERNED SHAPES NOT SHOWN FOR CLARITY.
- ALL AREAS DISTURBED SHALL BE SEEDED 1' BEYOND THE CONSTRUCTION LIMITS.



EFK•Moen
Civil Engineering Design

USER NAME	= ZWaters	DESIGNED -	SJF	REVISED -	
DRAWN -	ZJB	REVISED -			
PLOT SCALE	= 100,0000 ' / in.	CHECKED -	SLD	REVISED -	
PLOT DATE	= 2/28/2025	DATE	= 2/28/2025	REVISED -	

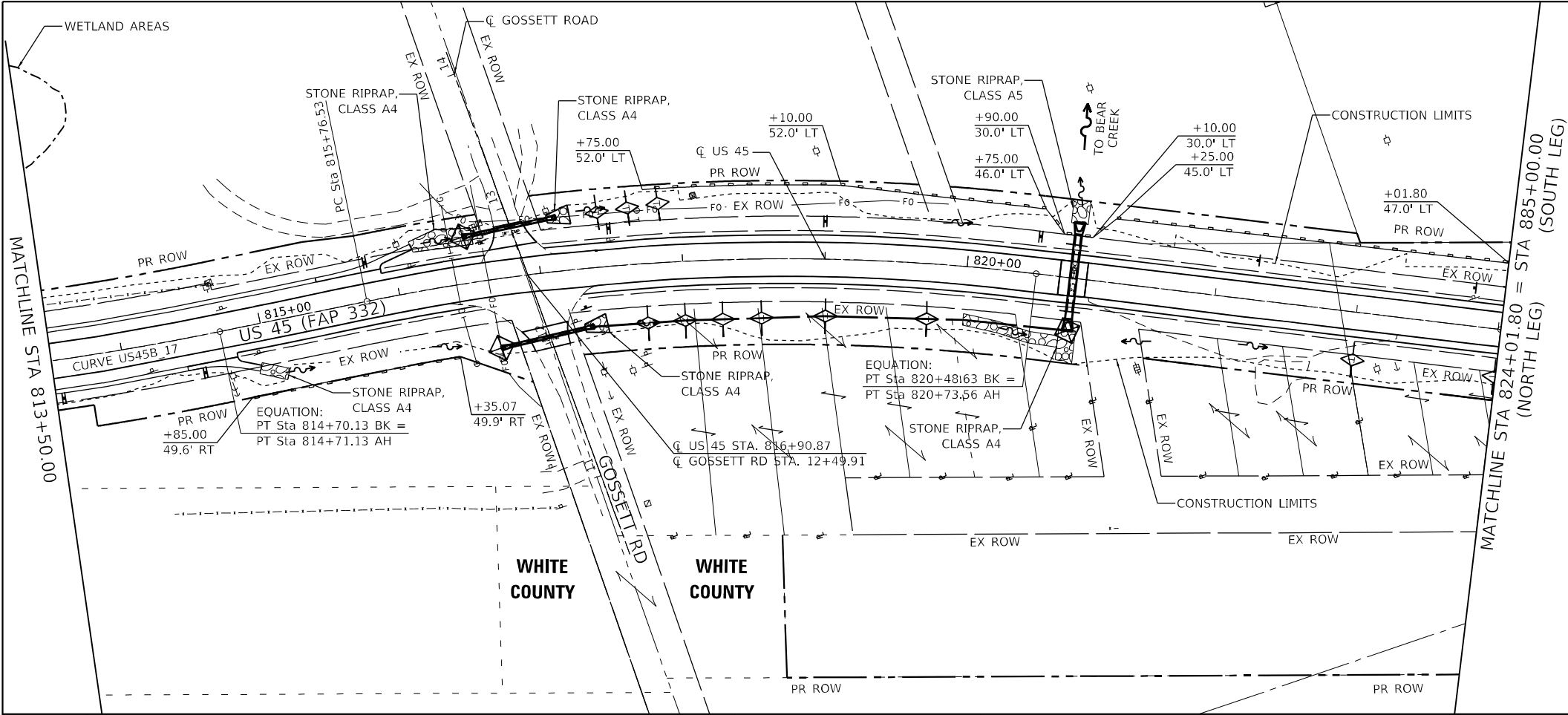
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 783+50 TO STA. 813+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	40
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



- LEGEND:**
- PERIMETER EROSION BARRIER
 - HEAVY DUTY EROSION CONTROL BLANKET
 - INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK (SEE SCHEDULES FOR LOCATIONS)

A NOTE ON US 45 STATIONING:

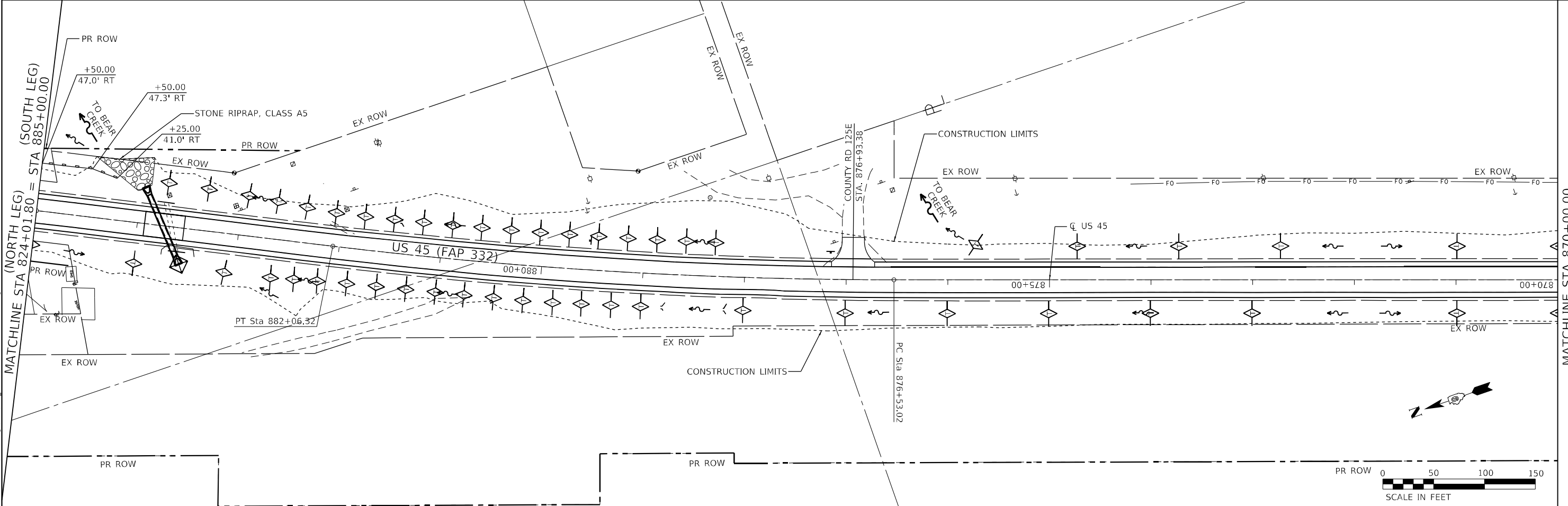
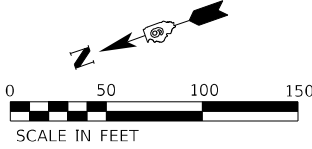
US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)

NOTES:

1. ALL 2' FLAT BOTTOM DITCHES WILL FIRST BE LINED WITH HEAVY DUTY EROSION CONTROL BLANKET, 8' WIDE CENTERED ALONG THE BOTTOM OF THE DITCHES. PATTERNED SHAPES NOT SHOWN FOR CLARITY.

2. ALL AREAS DISTURBED SHALL BE SEEDED 1' BEYOND THE CONSTRUCTION LIMITS.



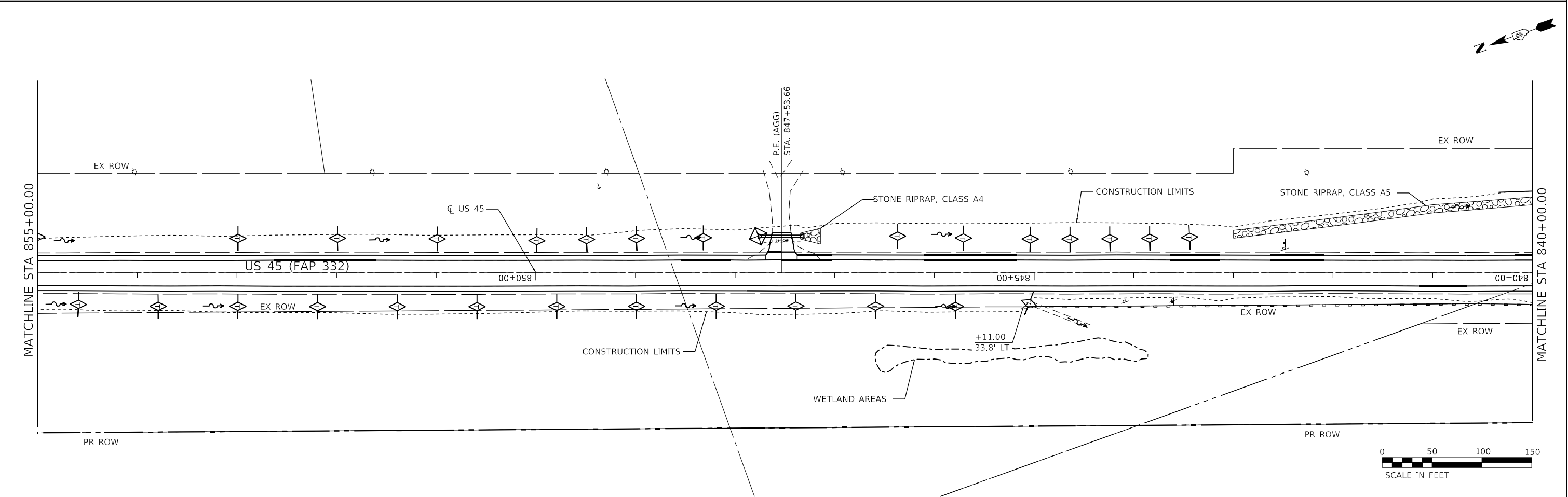
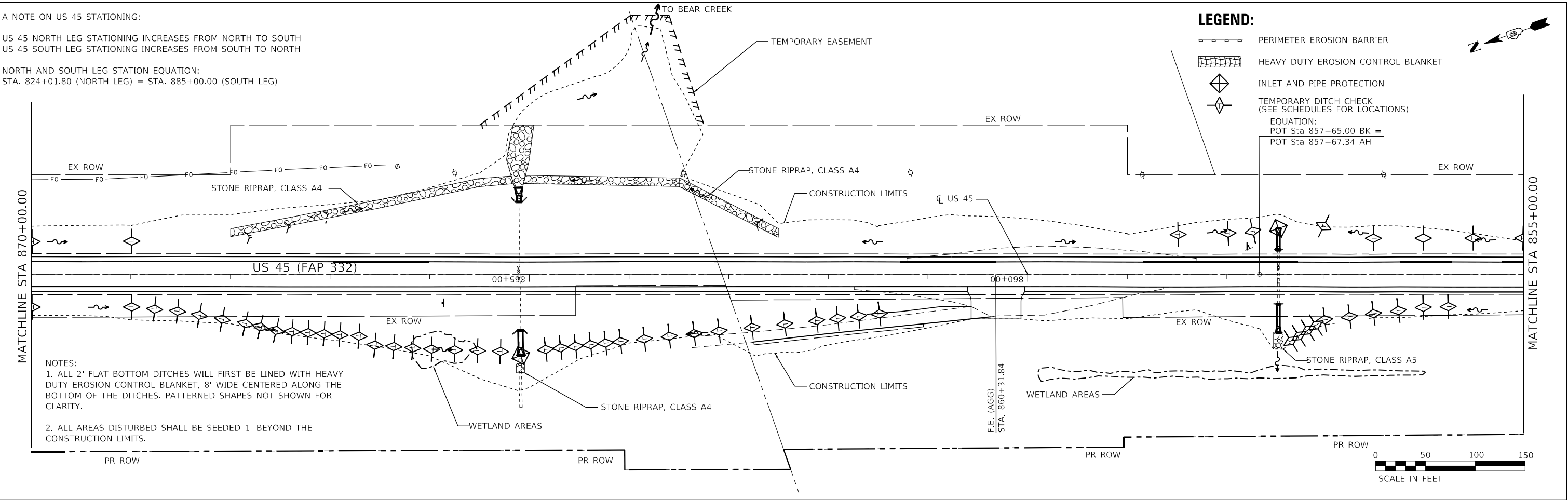
EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,000' / in.	DRAWN - ZJB	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	41
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -							** 332 / 877		CONTRACT NO. 78789		
			DATE - 2/28/2025							REVISED -	ILLINOIS FED. AID PROJECT			
			SCALE: 1" = 50'					SHEET 3 OF 5 SHEETS	STA. 813+50 TO STA. 870+00					

MODEL: Default
FILE NAME: 2-23-2006-3.18 US 45(DGN)DesignFinalCAD_Sheets03aD978789-4ht-cv0003.dgn

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

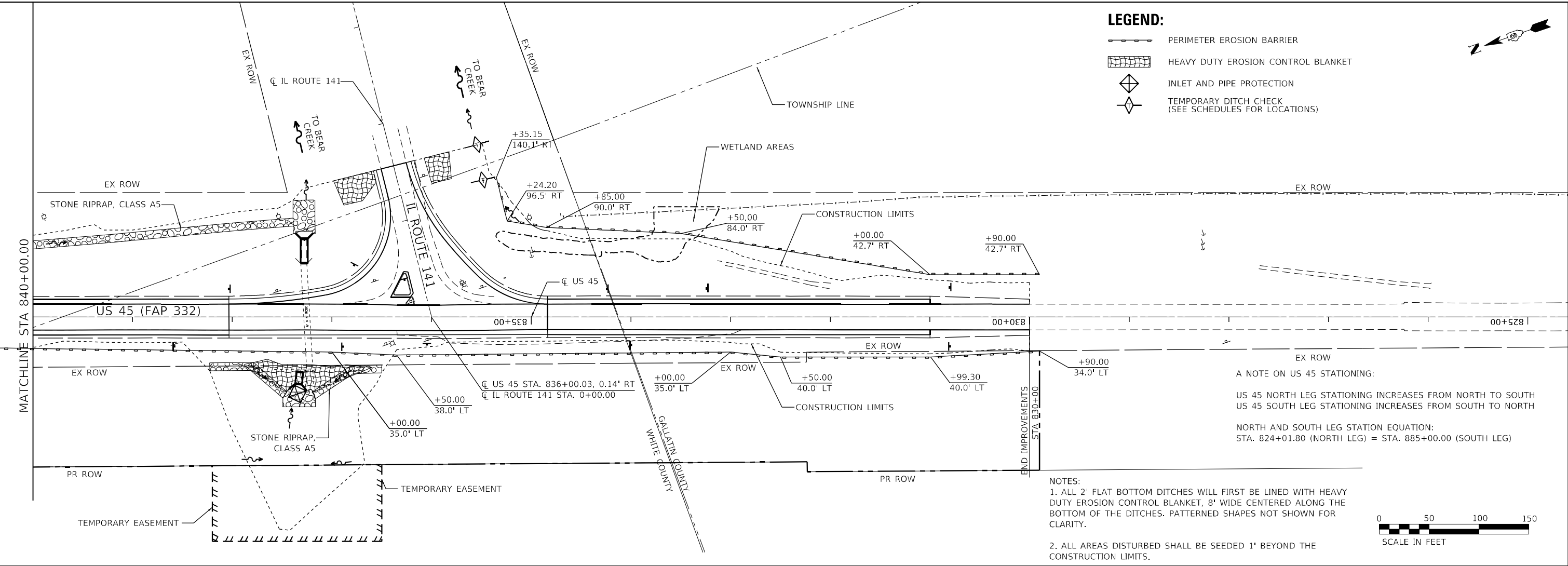
NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ZJB	REVISED -						**	(28,29,100,101-2)SR-1,N-1	*	165	42
	PLOT SCALE = 100,0000 ' / in.	CHECKED - SLD	REVISED -		** 332 / 877		CONTRACT NO. 78789						
	PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -		SCALE: 1" = 50'	SHEET 4 OF 5 SHEETS	STA. 870+00 TO STA. 840+00	ILLINOIS FED. AID PROJECT					

* WHITE/ GALLATIN

MODEL: Default
FILE NAME: 23-0063.18 US 45DCNDesignFinalCAD_Sheets04-LD978789-4ht-eros05.dgn



USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJB	REVISED -
PLOT SCALE = 100,000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

EROSION CONTROL			
SCALE: 1" = 50'	SHEET 5 OF 5 SHEETS	STA. 840+00 TO STA. 825+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	43
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

ALIGNMENT INFO

US RTE 45			
POINT#	STATION	NORTHING	EASTING
STAEQU2	753+00.16	463676.82	981347.16
66	760+00.00	463014.72	981120.43
67	783+78.00	460765.34	980348.97

DETOUR

P.C.7	14+89.44	463032.12	981199.14
P.T.7	16+89.44	462843.15	981133.76
P.C.8	19+48.09	462601.78	981040.79
P.T.8	20+68.22	462499.20	980979.40
DETOUR12	21+59.35	462430.15	980919.94

CR400

CR4001	0+00.00	462974.13	980774.96
CR4003	1+77.94	462970.90	980952.88
CR4005	2+18.99	462957.55	980991.69
CR4007	3+18.08	462963.64	981090.59
CR4008	4+00.00	462937.06	981168.08

PARCEL #	OWNER NAME	PURPOSE	ACREAGE
071	NORFOLK SOUTHERN RAILWAY COMPANY	R.O.W.	25.988 ACRES:
072	JESSE R. DELAP ET AL	R.O.W./T.E.	2.767/0.147 ACRES:

COORDINATE DATA

PT#	NORTHING	EASTING
JH3	462964.06	981039.62
JH6	462964.53	981208.93
JH13	462965.36	981515.03
JH16	461620.66	980737.46
JH17	461620.70	980748.05
JH294	462963.71	980913.70

NW QUARTER NE QUARTER
SECTION 8
T. 7 S., R. 8 E., 3RD P.M.

SECTION LINE

POT STA 0+00.00
CR400

JH294
761+15.32
179.01 RT

PISTA 1+77.94

760+80.72
79.02 RT
JH3
760+74.14
60.00 RT

PISTA 2+18.99

PISTA 3+18.08

PROPOSED ROW

PARCEL
071
TAX ID# 21-05-400-007

763+00.00
30' & 60' RT

PARCEL
072
TAX ID# 21-08-200-002

EXISTING ROW

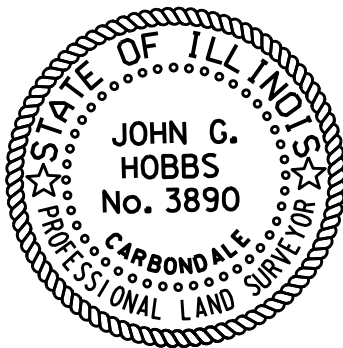
EXISTING ROW

774 773 772 771 770+00 769 768 767 766 765+00 764 763 762 761 760+00
FAP 332 (US RTE 45)

JH16
774+42.90
90.00 LT

EXISTING ROW

774+39.43
100.00 LT
JH17



JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois
minimum standards for a boundary survey.

NW QUARTER NE QUARTER
SECTION 8
T. 7 S., R. 8 E., 3RD P.M.

EXIST. CURVE DETOUR_10
PISTA. = 20+08.75
I = 19° 39' 57" (RT)
D = 16° 22' 13"
R = 350.00'
T = 60.66'
L = 120.13'
P.C. STA. = 19+48.09
P.T. STA. = 20+68.22

EXIST. CURVE DETOUR_7
PISTA. = 15+89.48
I = 3° 57' 49" (RT)
D = 1° 58' 54"
R = 2,891.17'
T = 100.04'
L = 200.00'
P.C. STA. = 14+89.44
P.T. STA. = 16+89.44

SECTION LINE

760+18.77
100.00 LT
JH6

PC STA 14+89.44

PC STA 760+00.00

PC STA 16+89.44

PC STA 19+48.09

PC STA 20+68.22

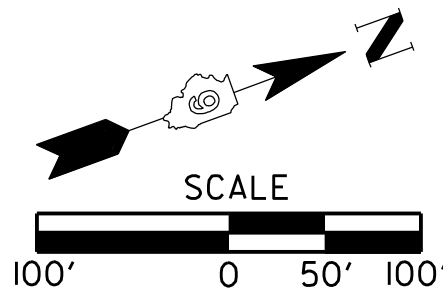
PC STA 21+59.35

PC STA 760+00.00

PC STA 760+00.00

NOTE:

LAND SURVEY DONE BY SHAWNEE SURVEYING 2019
COORDINATES BASE ON IL EAST ZONE
WGS 1984, '97' ADJUSTMENT



QUARTER QUARTER SECTION LINE

759+18.86
389.31 LT
JH13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
US RTE 45 & IL RTE 141

SCALE: 1" = 100' SHEET 1 OF 8 SHEETS STA. 760+00.00 TO STA. 774+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28A-W-1	WHITE	165	44
SEC 8, T.7S., R.8E.,		CONTRACT NO. 78789		
R-99-002-19		ILLINOIS FED. AID PROJECT		

ALIGNMENT INFO

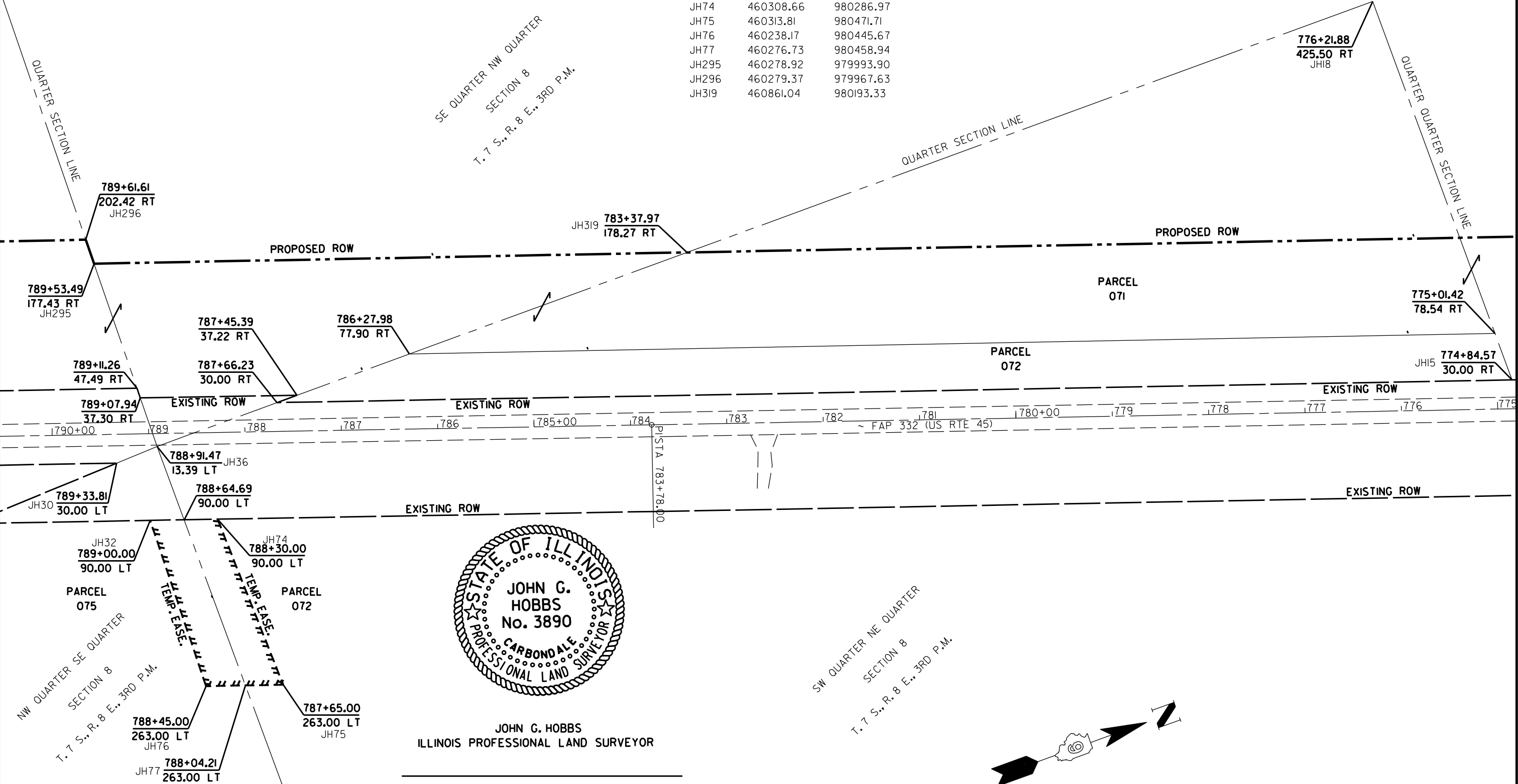
US RTE 45

POINT#	STATION	NORTHING	EASTING
STAEQU2	753+00.16	463676.82	981347.16
66	760+00.00	463014.72	981120.43
67	783+78.00	460765.34	980348.97
P.C.I3	792+46.68	459943.94	980066.26

COORDINATE DATA

PT#	NORTHING	EASTING
JH15	461620.18	980610.44
JH18	461618.60	980191.79
JH30	460230.02	980196.45
JH32	460242.47	980264.19
JH36	460275.46	980194.53
JH74	460308.66	980286.97
JH75	460313.81	980471.71
JH76	460238.17	980445.67
JH77	460276.73	980458.94
JH295	460278.92	979993.90
JH296	460279.37	979967.63
JH319	460861.04	980193.33

PARCEL #	OWNER NAME	PURPOSE	ACREAGE
071	NORFOLK SOUTHERN RAILWAY COMPANY	R.O.W.	25.988 ACRES:
072	JESSE R. DELAP ET AL	R.O.W./T.E.	2.767/0.147 ACRES:
075	MITCHELL & DAUBY ET. AL.	T.E.	0.151 ACRES:



NOTE:
LAND SURVEY DONE BY SHAWNEE SURVEYING 2019
COORDINATES BASE ON IL EAST ZONE
WGS 1984, '97' ADJUSTMENT

This professional service conforms to the current Illinois minimum standards for a boundary survey.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
US RTE 45 & IL RTE 141

SCALE: 1" = 100' SHEET 2 OF 8 SHEETS STA. 775+00.00 TO STA. 790+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28A-W-1	WHITE	165	45
SEC 8, T.7S., R.8E.,		CONTRACT NO. 78789		
R-99-002-19		ILLINOIS FED. AID PROJECT		

ALIGNMENT INFO

US RTE 45

POINT#	STATION	NORTHING	EASTING
67	783+78.00	460765.34	980348.97
P.C.I3	792+46.68	459943.94	980066.26
P.T.I3	796+46.68	459565.02	979938.13
P.C.I4	796+49.98	459565.02	979938.13
P.T.I4	800+49.98	459184.74	979814.11
P.C.I7	811+14.57	458170.84	979489.52

COORDINATE DATA		
PT#	NORTHING	EASTING
JH31	460065.83	980203.39
JH37	459121.86	979846.48
JH38	459114.23	979870.29
JH39	459169.49	979861.73
JH40	458828.52	979778.82
JH41	458820.90	979802.63
JH42	458678.04	979756.90
JH50	459198.01	979870.87
JH51	459194.95	979880.39
JH53	459152.14	979866.68

COORDINATE DATA		
PT#	NORTHING	EASTING
JH54	459155.19	979857.15
JH58	459542.96	980004.56
JH59	459921.17	980132.45
JH60	459914.66	980151.36
JH61	459305.87	979926.71
JH62	459312.05	979907.69
JH232	458690.23	979718.80
JH259	458731.40	979590.23
JH260	458739.02	979566.42
JH261	458881.88	979612.15
JH262	458874.25	979635.96

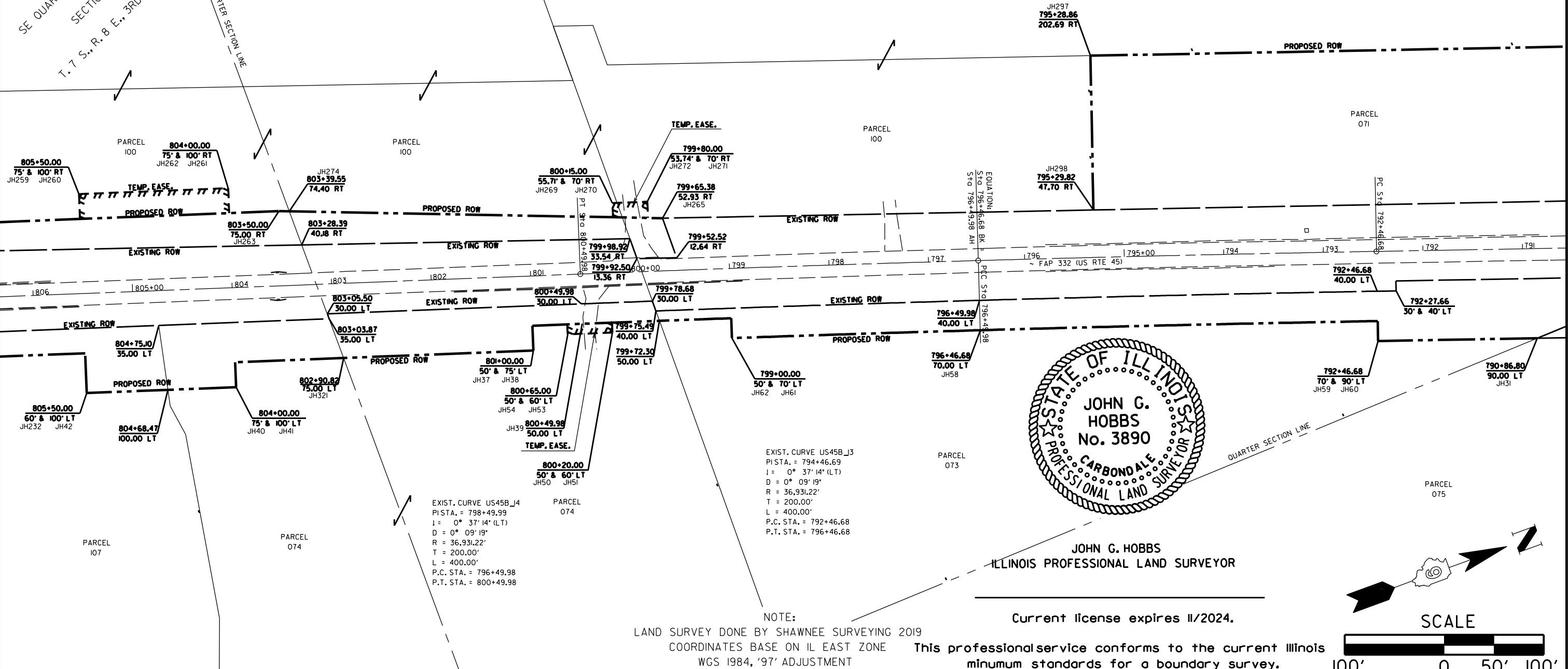
PARCEL #	OWNER NAME	PURPOSE	ACREAGE
071	NORFOLK SOUTHERN RAILWAY COMPANY	R.O.W.	25.988 ACRES:
073	JESSE R. DELAP	R.O.W.	0.785 ACRES:
074	MITCHELL & DAUBY ET. AL.	R.O.W./T.E.	0.463/0.010 ACRES:
100	JOSEPH MICHAEL MUFF	R.O.W./T.E.	0.507/0.098 ACRES:
107	JUSTIN & ANGELA RISTER	R.O.W.	0.437 ACRES:

COORDINATE DATA		
PT#	NORTHING	EASTING
JH263	458921.87	979651.21
JH265	459281.54	979789.63
JH269	459235.09	979771.75
JH270	459239.46	979758.15
JH271	459272.84	979768.89
JH272	459267.85	979784.36
JH274	458931.64	979654.97
JH297	459741.28	979783.29
JH298	459691.04	979929.92
JH321	458932.50	979812.11

SE QUARTER SW QUARTER
SECTION 8
T. 7 S., R. 8 E., 3RD P.M.

QUARTER QUARTER SECTION LINE

NE QUARTER SW QUARTER
SECTION 8
T. 7 S., R. 8 E., 3RD P.M.



MODEL: 34001.DWG
FILE: 34001.DWG

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
US RTE 45 & IL RTE 141

SCALE: 1" = 100' SHEET 3 OF 8 SHEETS STA. 790+00.00 TO STA. 806+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28A-W-1	WHITE	165	46
SEC 8, T.7S., R.8E.,		CONTRACT NO. 78789		
R-99-002-19		ILLINOIS FED. AID PROJECT		

ALIGNMENT INFO
US RTE 45

POINT#	STATION	NORTHING	EASTING
P.T.I4	800+49.98	459184.74	979814.11
P.C.I7	811+14.57	458170.84	979489.52
P.T.I7	814+70.13	457824.39	979411.62
STAEQU4	814+71.13	457824.39	979411.62
P.C.20	815+76.53	457719.92	979397.70
P.T.20	820+48.63	457269.94	979261.73
STAEQU5	820+73.56	457269.94	979261.73
68	824+01.80	456975.00	979117.67

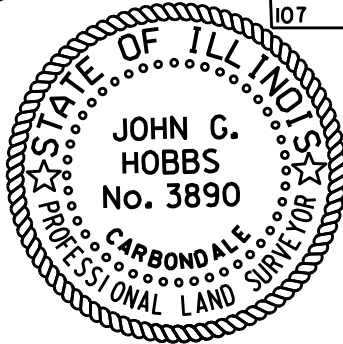
GOSSETT ROAD

POINT#	STATION	NORTHING	EASTING
GOSSETTI	10+00.00	457603.27	979128.31
GOSSETT2	15+00.00	457611.31	979628.25

COORDINATE DATA		
PT#	NORTHING	EASTING
JH99	457245.81	979311.5
JH101	457588.38	979430.37
JH103	457307.11	979339.43
JH105	457327.12	979347.96
JH165	457296.28	979207.82
JH167	457588.24	979312.38
JH172	457257.51	979188.88
JH203	457607.80	978935.01
JH207	457670.71	979339.56
JH212	457608.32	979378.41

COORDINATE DATA		
PT#	NORTHING	EASTING
JH241	458181.51	979456.19
JH242	457924.62	979391.99
JH243	458588.54	979544.50
JH244	458485.08	979522.05
JH246	457726.53	979348.13
JH257	457218.72	979181.07
JH299	457528.29	979051.56
JH300	457498.57	979147.08

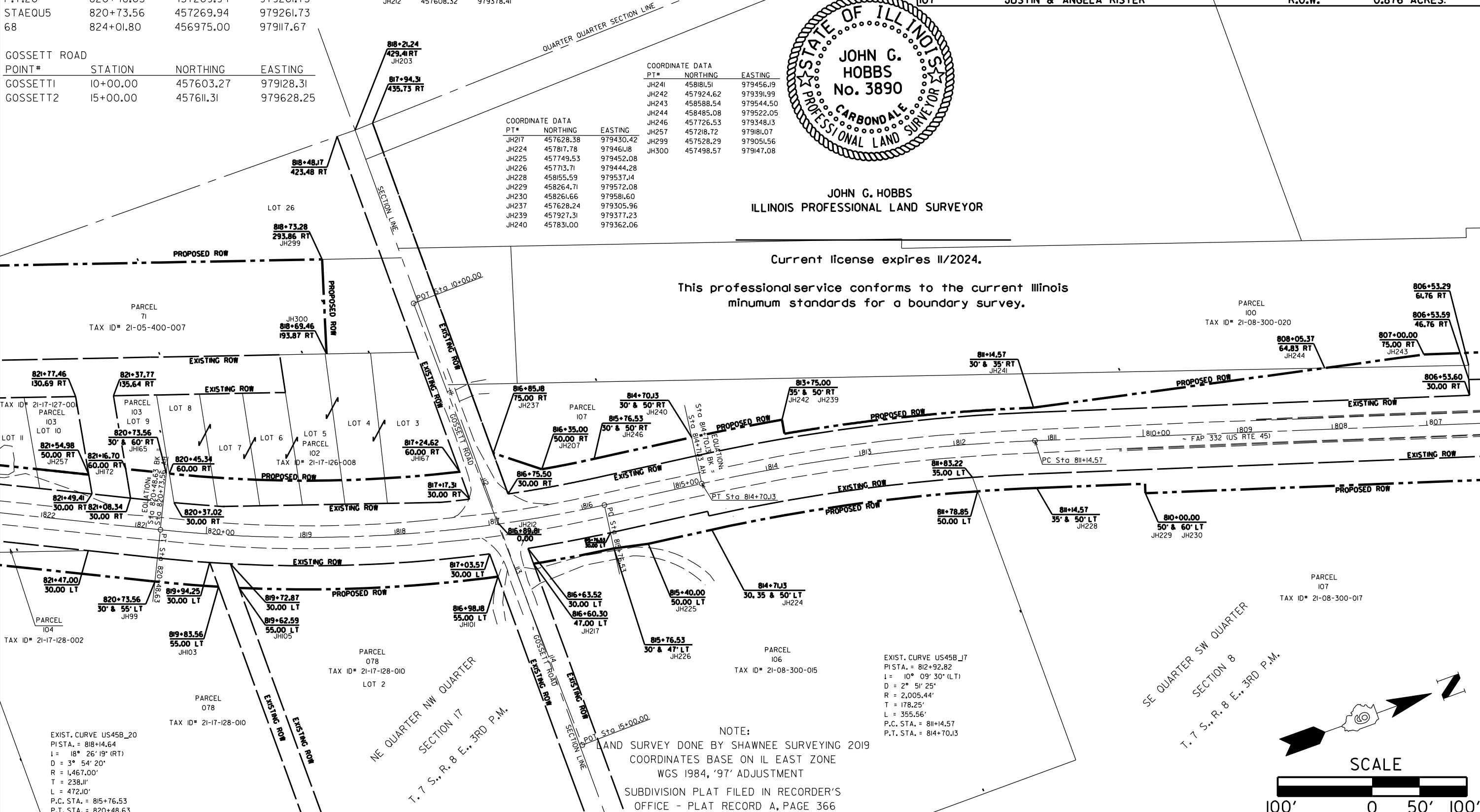
COORDINATE DATA		
PT#	NORTHING	EASTING
JH217	457628.38	979430.42
JH224	457817.78	979461.8
JH225	457749.53	979452.08
JH226	457713.71	979444.28
JH228	458155.59	979537.14
JH229	458264.71	979572.08
JH230	458261.66	979581.60
JH237	457628.24	979305.96
JH239	457927.31	979377.23
JH240	457831.00	979362.06



JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

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minimum standards for a boundary survey.



EXIST. CURVE US45B_I7
PI STA. = 812+92.82
I = 10° 09' 30" (LT)
D = 2° 51' 25"
R = 2,005.44'
T = 178.25'
L = 355.56'
P.C. STA. = 811+14.57
P.T. STA. = 814+70.13

NOTE:
LAND SURVEY DONE BY SHAWNEE SURVEYING 2019
COORDINATES BASE ON IL EAST ZONE
WGS 1984, '97' ADJUSTMENT
SUBDIVISION PLAT FILED IN RECORDER'S
OFFICE - PLAT RECORD A, PAGE 366

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
US RTE 45 & IL RTE 141

SCALE: 1" = 100' SHEET 4 OF 8 SHEETS STA. 806+00.00 TO STA. 822+00.00

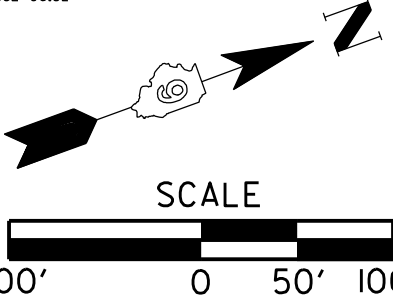
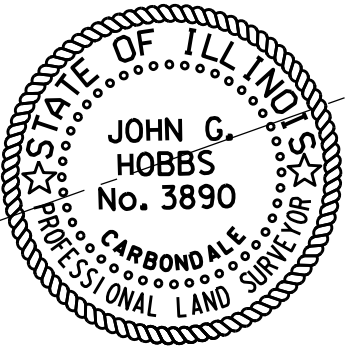
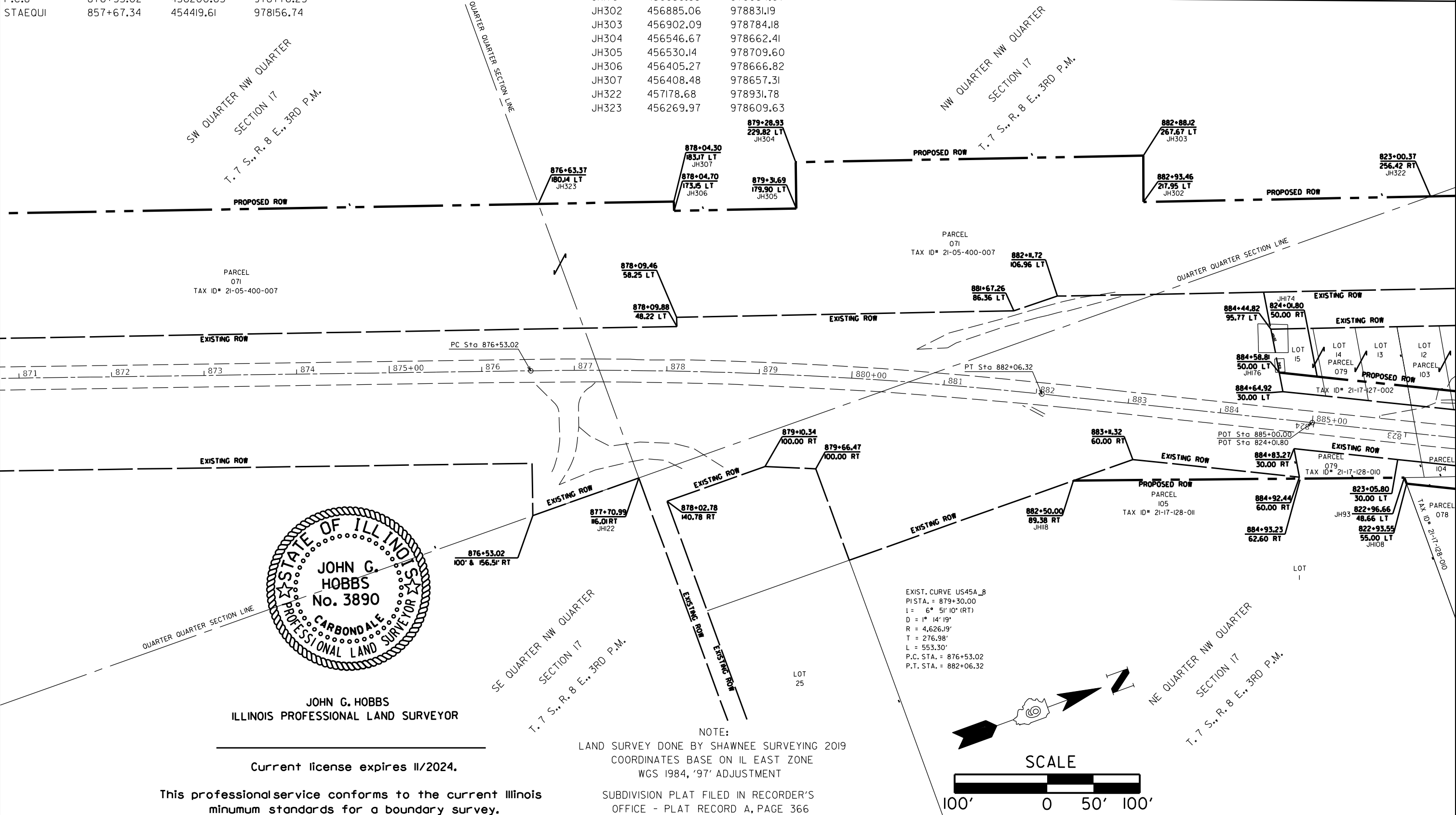
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28A-W-1	WHITE	165	47
SEC 8 & 17, T.7S., R.8E.,		CONTRACT NO. 78789		
R-99-002-19		ILLINOIS FED. AID PROJECT		

ALIGNMENT INFO
US RTE 45

POINT#	STATION	NORTHING	EASTING
STAEQU5	820+73.56	457269.94	979261.73
68	824+01.80	456975.00	979117.67
47	885+00.00	456975.00	979117.67
P.T.8	882+06.32	456711.11	978988.79
P.C.8	876+53.02	456200.63	978776.23
STAEQUI	857+67.34	454419.61	978156.74

PT#	NORTHING	EASTING
JH93	457048.12	979207.54
JH108	457048.13	979214.60
JH118	456711.14	979088.27
JH122	456270.65	978924.96
JH174	456996.95	979072.75
JH176	456959.93	979054.67
JH302	456885.06	978831.19
JH303	456902.09	978784.18
JH304	456546.67	978662.41
JH305	456530.14	978709.60
JH306	456405.27	978666.82
JH307	456408.48	978657.31
JH322	457178.68	978931.78
JH323	456269.97	978609.63

PARCEL #	OWNER NAME	PURPOSE	ACREAGE
071	NORFOLK SOUTHERN RAILWAY COMPANY	R.O.W.	25.988 ACRES:
078	WAYNE A. & JAIME B. MITCHELL	R.O.W.	0.289 ACRES:
079	KATHY LOVELETTE BUTT	R.O.W.	0.141 ACRES:
103	AUBRIE STARKS, JR.	R.O.W.	0.100 ACRES:
104	HEIRS OF AMOS O. SOUTH, DECEASED	R.O.W.	0.024 ACRES:
105	SARAH M. BAYLER	R.O.W.	0.069 ACRES:



MODEL: 34001
FILE: 34001.DWG

USER NAME = \$USERS	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISOR - _____	
PLOT SCALE = \$SCALES	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET
US RTE 45 & IL RTE 141

SCALE: 1" = 100'

SHEET 5 OF 8 SHEETS
STA. 822+00.00 TO STA. 824+01.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	28A-W-1	WHITE	165	48
SEC 17, T. 7S., R. 8E.,				
R-99-002-19 ILLINOIS FED. AID PROJECT				

ALIGNMENT INFO

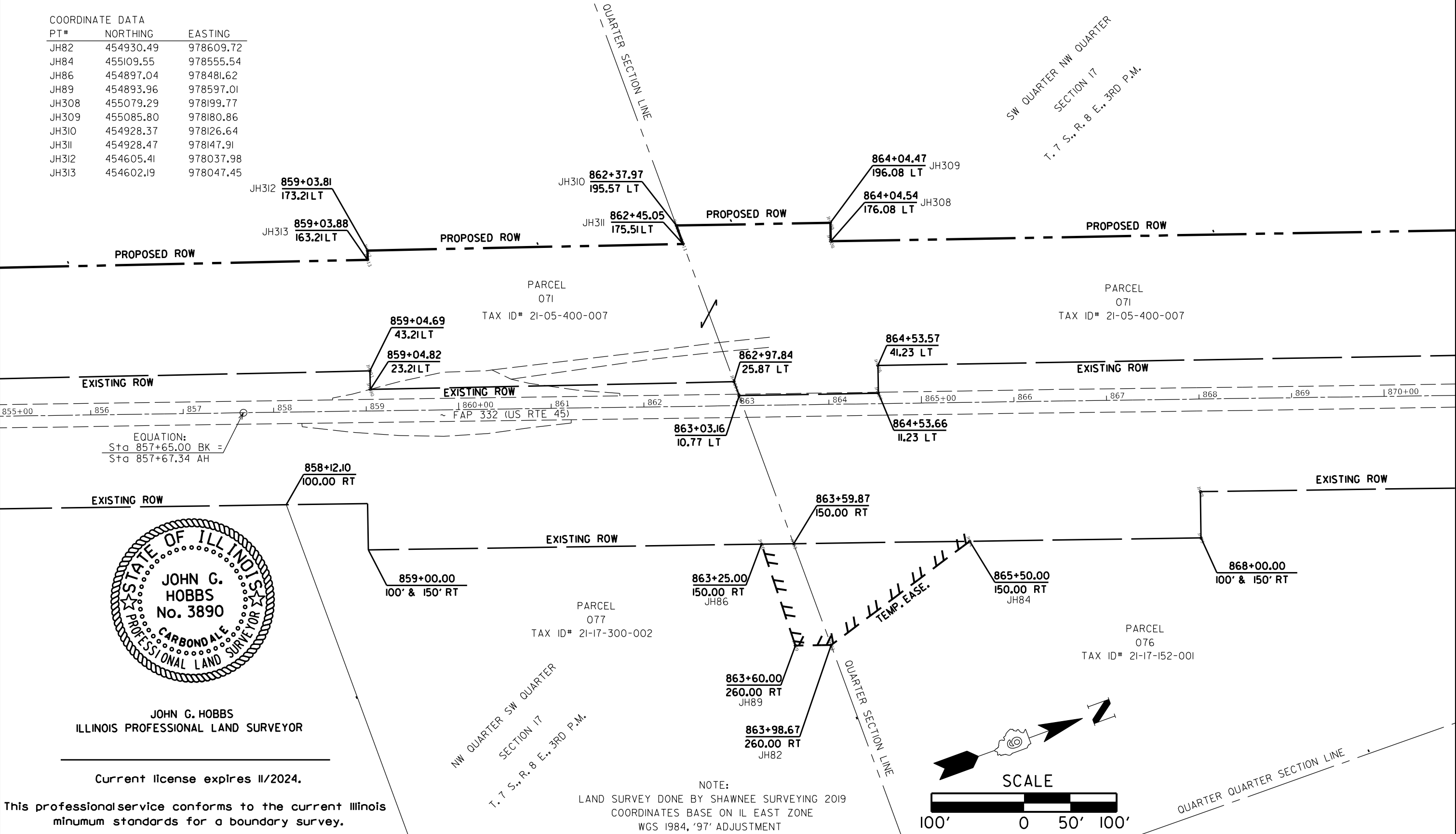
FAP 332 (US RTE 45)

POINT#	STATION	NORTHING	EASTING
P.T.3	820+67.94	450927.75	976942.16
STAEQUI	857+67.34	454419.61	978156.74
P.C.8	876+53.02	456200.63	978776.23

PARCEL #	OWNER NAME	PURPOSE	ACREAGE
071	NORFOLK SOUTHERN RAILWAY COMPANY	R.O.W.	25.988 ACRES:
076	JOHN C. & JANET K. LYTLE	T.E.	0.240 ACRES:
077	WILLIAM E. HAMBLIN & DIANE SCHREIFELS	T.E.	0.093 ACRES:

COORDINATE DATA

PT#	NORTHING	EASTING
JH82	454930.49	978609.72
JH84	455109.55	978555.54
JH86	454897.04	978481.62
JH89	454893.96	978597.01
JH308	455079.29	978199.77
JH309	455085.80	978180.86
JH310	454928.37	978126.64
JH311	454928.47	978147.91
JH312	454605.41	978037.98
JH313	454602.19	978047.45



Current license expires 11/2024.

This professional service conforms to the current Illinois minimum standards for a boundary survey.

NOTE:
LAND SURVEY DONE BY SHAWNEE SURVEYING 2019
COORDINATES BASE ON IL EAST ZONE
WGS 1984, '97' ADJUSTMENT

	USER NAME = \$USERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY SHEET US RTE 45 & IL RTE 141				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALES	DRAWN - _____	REVISED - _____		332	28A-W-1	WHITE	165	49				
	PLOT DATE = \$DATES	CHECKED - _____	REVISED - _____		SEC 17, T.7S., R.8E.,					CONTRACT NO. 78789			
		DATE - _____	REVISED - _____		SCALE: 1" = 100'	SHEET 6 OF 8 SHEETS	STA. 855+00.00 TO STA. 870+00.00	R-99-002-19	ILLINOIS	FED. AID PROJECT			

ALIGNMENT INFO

FAP 332 (US RTE 45)

POINT#	STATION	NORTHING	EASTING
P.T.3	820+67.94	450927.75	976942.16
STAEQUI	857+67.34	454419.61	978156.74

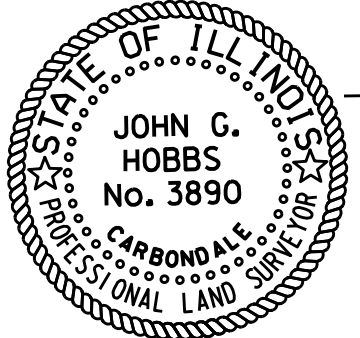
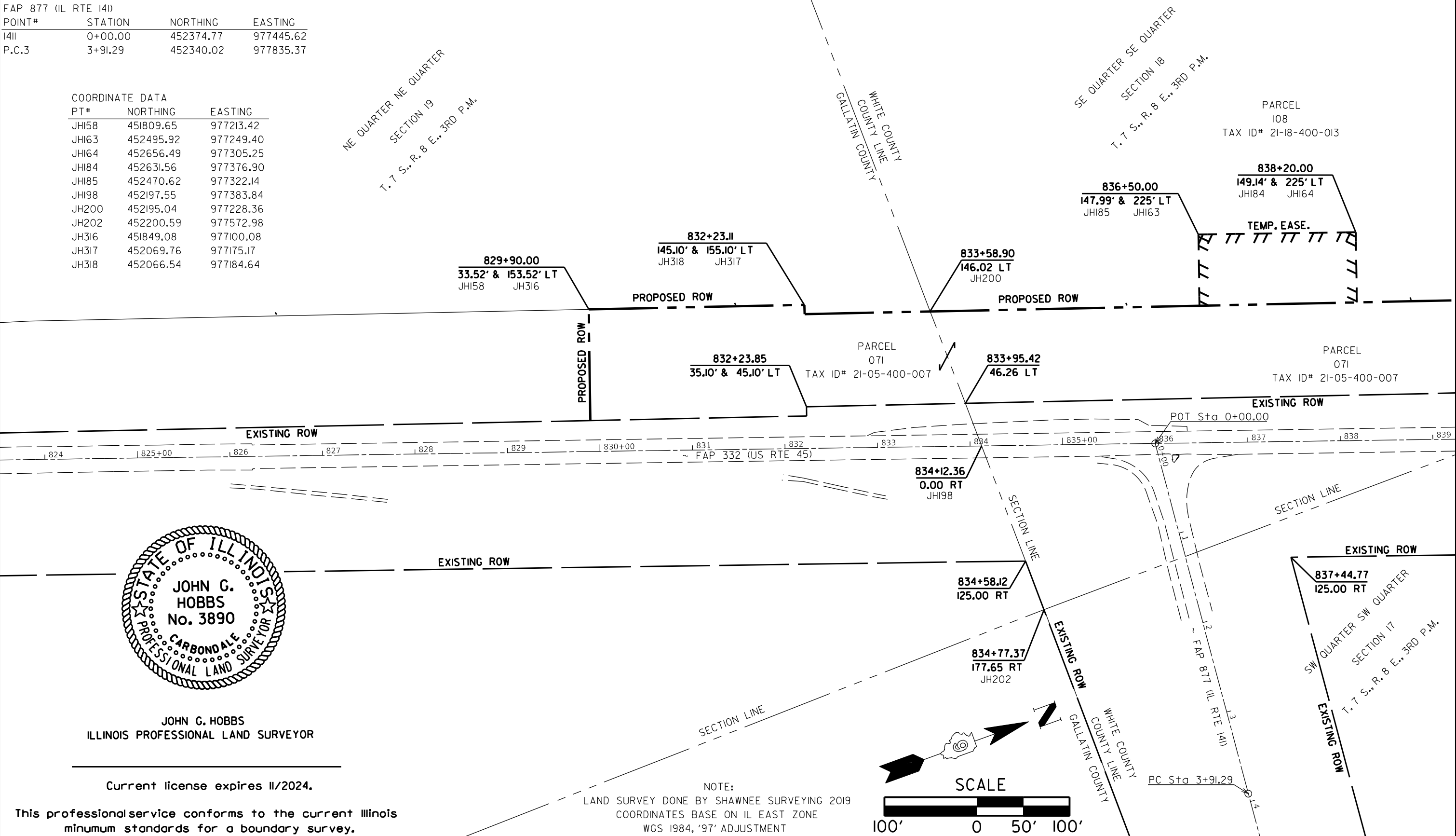
FAP 877 (IL RTE 141)

POINT#	STATION	NORTHING	EASTING
I411	0+00.00	452374.77	977445.62
P.C.3	3+91.29	452340.02	977835.37

COORDINATE DATA

PT#	NORTHING	EASTING
JH158	451809.65	977213.42
JH163	452495.92	977249.40
JH164	452656.49	977305.25
JH184	452631.56	977376.90
JH185	452470.62	977322.14
JH198	452197.55	977383.84
JH200	452195.04	977228.36
JH202	452200.59	977572.98
JH316	451849.08	977100.08
JH317	452069.76	977175.17
JH318	452066.54	977184.64

PARCEL #	OWNER NAME	PURPOSE	ACREAGE
071	NORFOLK SOUTHERN RAILWAY COMPANY	R.O.W.	25.988 ACRES:
108	JOHNSON ET. AL.	T.E.	0.298 ACRES:

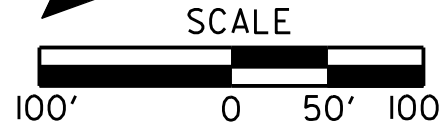


JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2024.

This professional service conforms to the current Illinois minimum standards for a boundary survey.

NOTE:
LAND SURVEY DONE BY SHAWNEE SURVEYING 2019
COORDINATES BASE ON IL EAST ZONE
WGS 1984, '97' ADJUSTMENT



MODEL: 34061.NAMES
FILE: 34061.STYLES

	USER NAME = \$USERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY SHEET US RTE 45 & IL RTE 141			F.A.P. RTE. 332	SECTION 28A-W-1	COUNTY WHITE	TOTAL SHEETS 165	SHEET NO. 51		
	PLOT SCALE = \$SCALES	DRAWN - _____	REVISED - _____					SEC 17, 18 & 19 T.7S, R.8E. CONTRACT NO. 78789						
	PLOT DATE = \$DATES	CHECKED - _____	REVISED - _____					R-99-002-19 ILLINOIS FED. AID PROJECT						
		DATE - _____	REVISED - _____											

MODEL Default
FILE Name: 23-0063.18 US 45(Summit)/250319_Updated Sheets for ROW and Survey Markers(D978789-nh-FOU BLnk.dgn

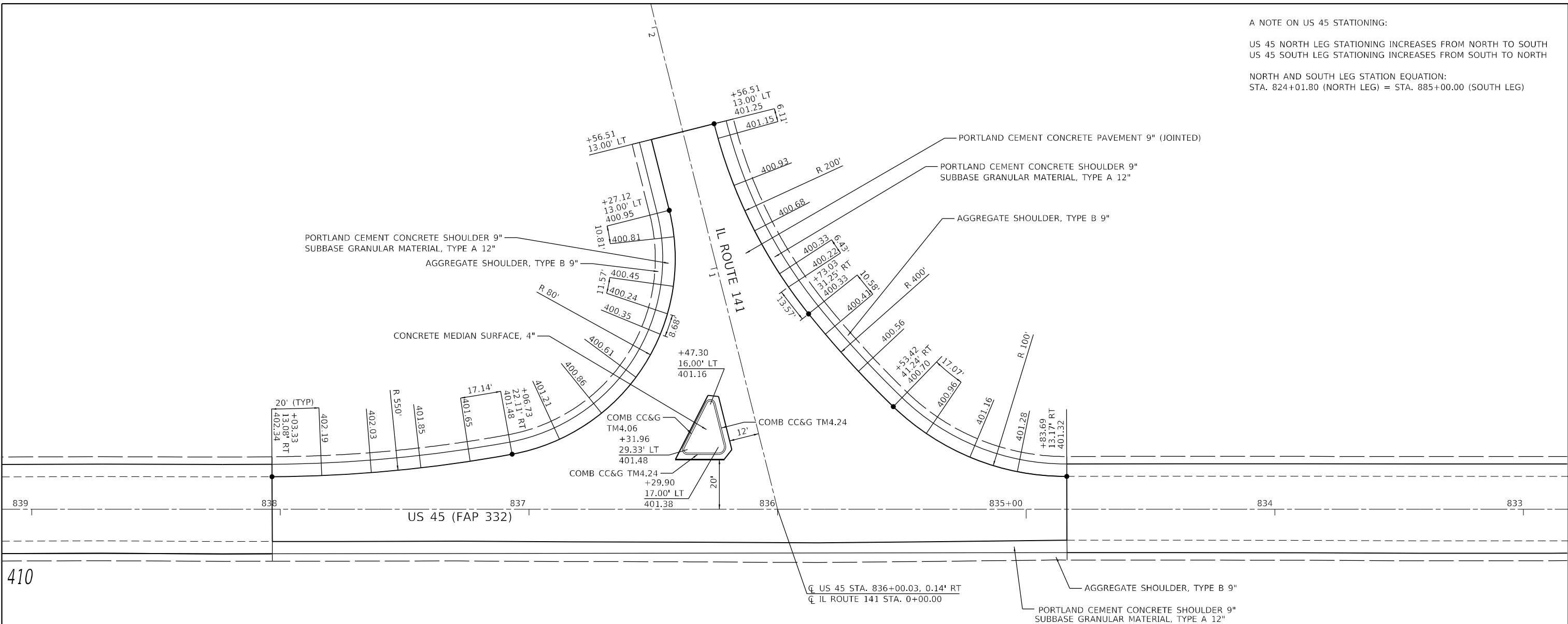
FURNISHING & ERECTING RIGHT-OF-WAY MARKERS					
LOCATION	OFFSET (LT)	OFFSET (RT)	FURNISHING & ERECTING RIGHT-OF-WAY MARKERS		REMARKS
			METHOD A	METHOD B	
			EACH	EACH	
STATION	FEET	FEET	EACH	EACH	
761+15.32		179.01	1.0		
789+53.49		177.43	1.0		
789+61.61		202.42	1.0		
792+46.68	90.00		1.0		
792+46.68	70.00		1.0		
795+28.86		202.69	1.0		
795+29.82		47.70	1.0		
799+00.00	70.00		1.0		
799+00.00	50.00		1.0		
799+65.38		52.93	1.0		
801+00.00	50.00		1.0		
801+00.00	75.00		1.0		
803+50.00		75.00	1.0		
804+00.00	75.00		1.0		
804+00.00	100.00		1.0		
805+50.00	100.00		1.0		
805+50.00	60.00		1.0		
807+00.00		75.00	1.0		
810+00.00	60.00		1.0		
810+00.00	50.00		1.0		
811+14.57		35.00	1.0		
813+75.00		35.00		1.0	
813+75.00		50.00		1.0	
815+40.00	50.00			1.0	
816+35.00		50.00		1.0	
816+60.30	47.00			1.0	
816+85.18		75.00		1.0	
816+98.18	55.00			1.0	
817+24.62		60.00		1.0	
818+69.46		193.87	1.0		
818+73.28		293.86	1.0		
820+73.56	55.00		1.0		
821+16.70		60.00	1.0		
821+54.98		50.00	1.0		
822+93.55	55.00		1.0		
822+96.66	48.66		1.0		
STATIONING REVERSES					
884+58.81	50.00		1.0		
882+93.46	217.95		1.0		
882+88.12	267.67		1.0		
882+50.00		89.38	1.0		
879+28.93	229.82		1.0		
879+31.69	179.90		1.0		
878+04.70	173.15		1.0		
878+04.30	183.17		1.0		
864+04.54	176.08		1.0		
864+04.47	196.08		1.0		
862+37.97	195.57		1.0		
862+45.05	175.51		1.0		
859+03.81	173.21		1.0		
859+03.88	163.21		1.0		
848+05.27	155.80		1.0		
833+58.90	146.02		1.0		
832+23.11	145.10		1.0		
832+23.11	155.10		1.0		
829+90.00	153.52		1.0		
829+90.00	33.52		1.0		
TOTALS			48	8	

	USER NAME = sfurrow	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					**	(28,29,100,101-2)SR-1,N-1	*	165	52
	PLOT SCALE = 400,0000 ' / in.	CHECKED -	REVISED -					** 332 / 877		CONTRACT NO. 78789		
	PLOT DATE = 3/19/2025	DATE - 3/19/2025	REVISED -		SCALE: N.T.S.	SHEET 9	OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

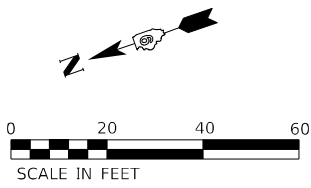
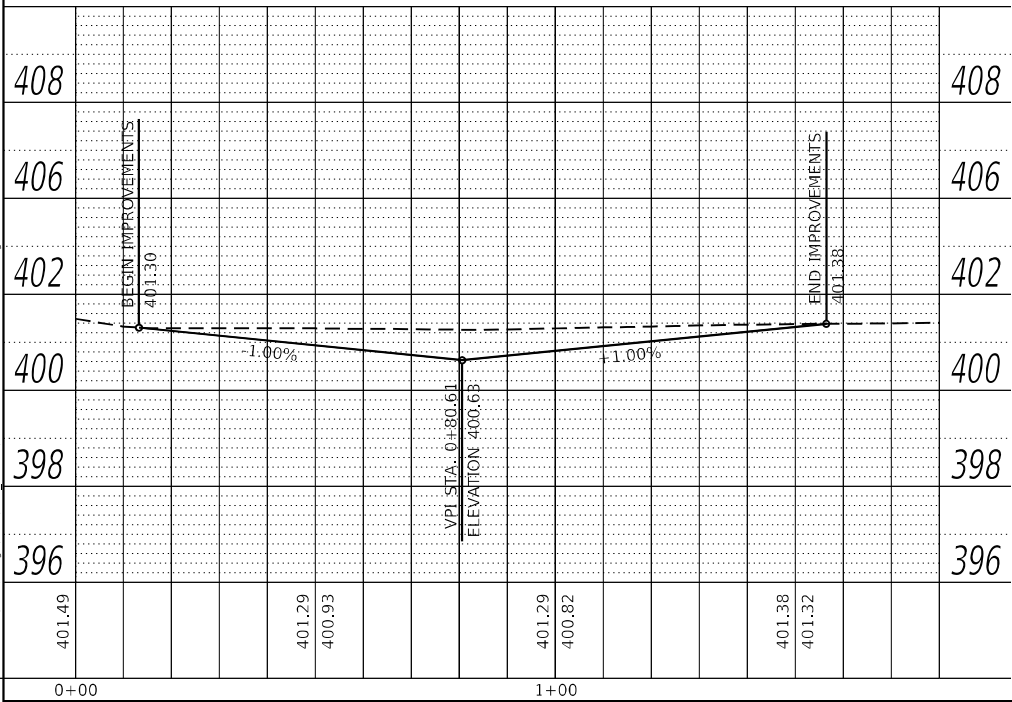
A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



410



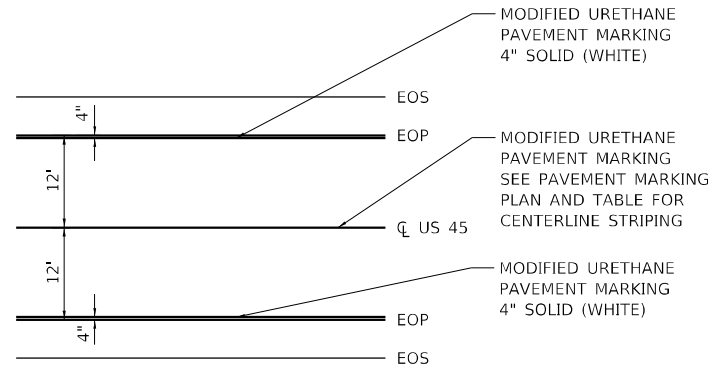
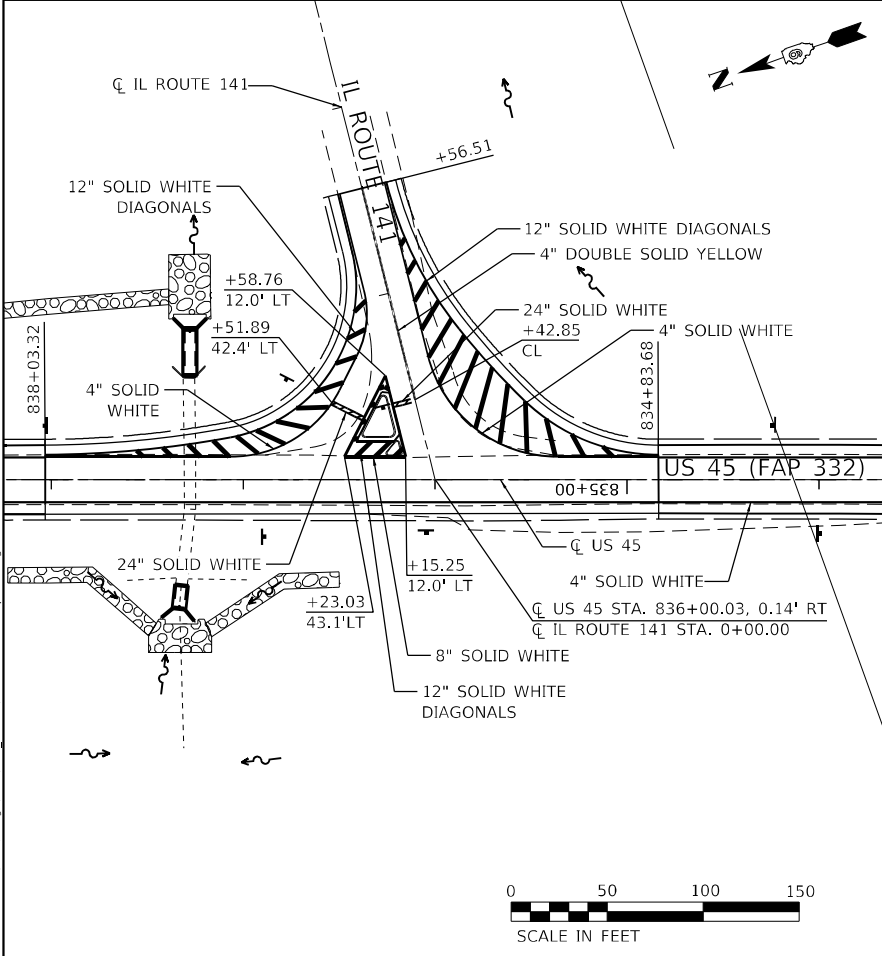
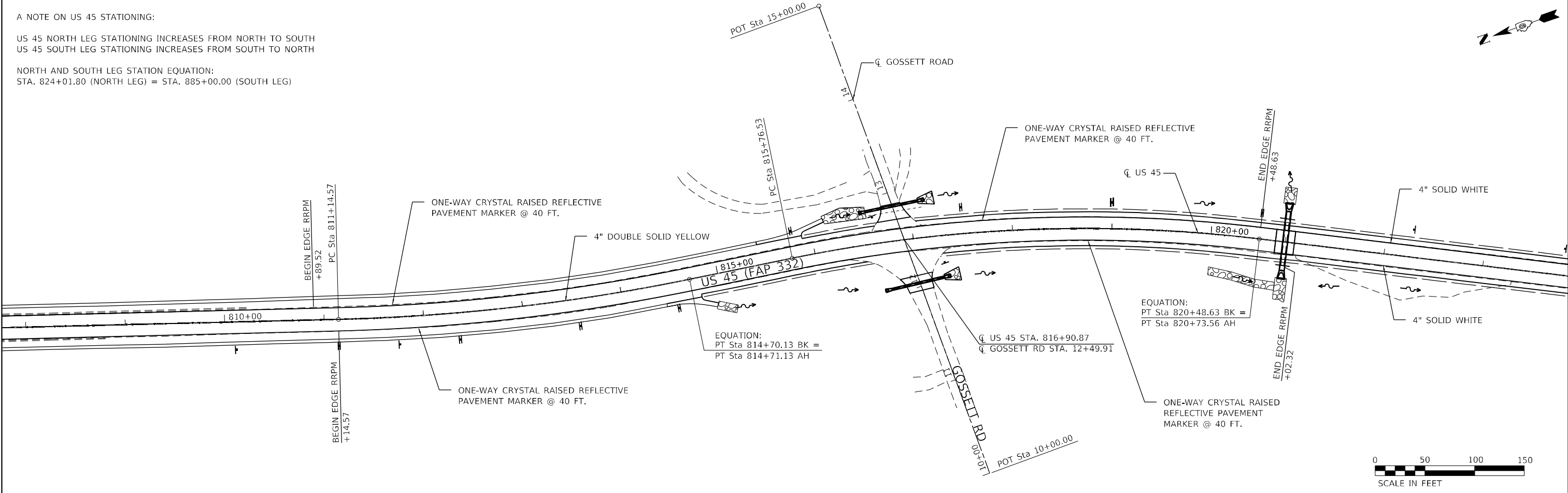
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EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL SHEET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - CR	REVISED -	**						(28,29,100,101-2)SR-1,N-1	*	165	53		
	PLOT SCALE = 40,0000' / in.	CHECKED - SLD	REVISED -						** 332 / 877				CONTRACT NO. 78789	
	PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -						ILLINOIS FED. AID PROJECT					
SCALE: 1"=20'		SHEET 1 OF 1 SHEETS		STA.		TO STA.								

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



PAVEMENT MARKING TYPICAL

NOTE:
UNLESS OTHERWISE SHOWN, THE PROPOSED PAVEMENT MARKING
SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING,
AS DIRECTED BY THE ENGINEER.

MODEL: Default
FILE NAME: 23-20063.18 US 45(DGN)DesignFinalCAD_Sheets105-LD9789-shr-pmk01.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= ZWaters
DESIGNED	- ZJB
DRAWN	- JRD
PLOT SCALE	= 100,0000 ' / in.
PLOT DATE	= 2/28/2025

REVIS	-
REVIS	-
CHECKED	- SLD
DATE	- 2/28/2025

REVIS	-
REVIS	-
REVIS	-
REVIS	-

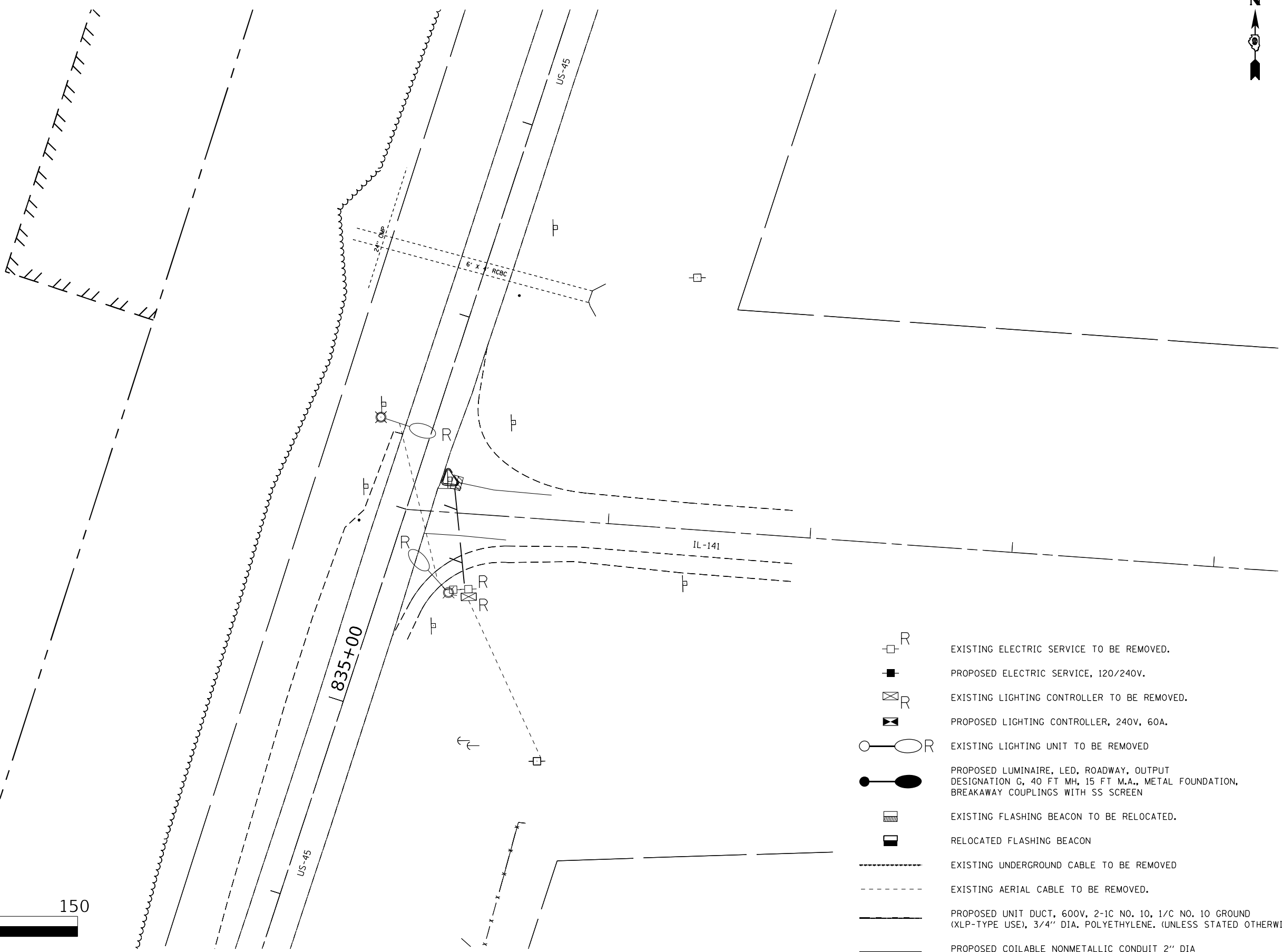
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 762+45.50 TO STA. 830+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	54
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

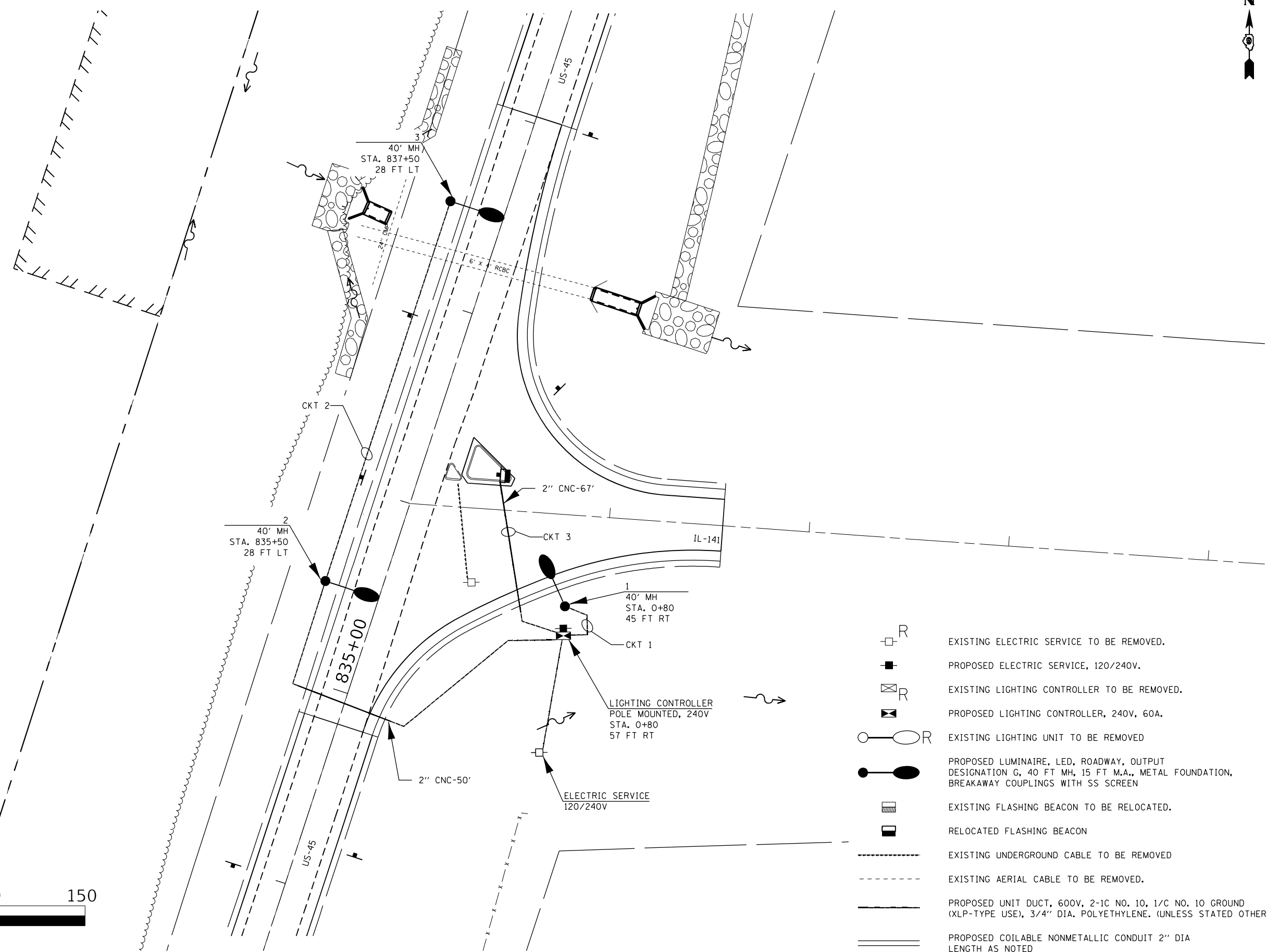


- EXISTING ELECTRIC SERVICE TO BE REMOVED.
- PROPOSED ELECTRIC SERVICE, 120/240V.
- EXISTING LIGHTING CONTROLLER TO BE REMOVED.
- PROPOSED LIGHTING CONTROLLER, 240V, 60A.
- EXISTING LIGHTING UNIT TO BE REMOVED
- PROPOSED LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, 40 FT MH, 15 FT M.A., METAL FOUNDATION, BREAKAWAY COUPLINGS WITH SS SCREEN
- EXISTING FLASHING BEACON TO BE RELOCATED.
- RELOCATED FLASHING BEACON
- EXISTING UNDERGROUND CABLE TO BE REMOVED
- EXISTING AERIAL CABLE TO BE REMOVED.
- PROPOSED UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE. (UNLESS STATED OTHERWISE)
- PROPOSED COILABLE NONMETALLIC CONDUIT 2" DIA LENGTH AS NOTED

E2

MODEL: Default
FILE NAME: 2/18/2025, 18 US 45(DGN)DesignFinalCAD_Sheets(DOT Lighting Plans to be Included)DOT Provided CAD_Sheets(D918789_BeamLight1.dgn

	USER NAME = jdardeen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING REMOVAL PLAN US-45 & IL-141				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,0000 * / in.	DRAWN -	REVISED -						332	(28,29,100,101-2)SR-1,N-1	WHITE	165	55
	PLOT DATE = 2/18/2025	CHECKED -	REVISED -		CONTRACT NO. 78789								
		DATE -	REVISED -		SCALE: 1" = 50'	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



- EXISTING ELECTRIC SERVICE TO BE REMOVED.
- PROPOSED ELECTRIC SERVICE, 120/240V.
- EXISTING LIGHTING CONTROLLER TO BE REMOVED.
- PROPOSED LIGHTING CONTROLLER, 240V, 60A.
- EXISTING LIGHTING UNIT TO BE REMOVED
- PROPOSED LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, 40 FT MH, 15 FT M.A., METAL FOUNDATION, BREAKAWAY COUPLINGS WITH SS SCREEN
- EXISTING FLASHING BEACON TO BE RELOCATED.
- RELOCATED FLASHING BEACON
- EXISTING UNDERGROUND CABLE TO BE REMOVED
- EXISTING AERIAL CABLE TO BE REMOVED.
-

MODEL: Default
FILE NAME: 2/18/2025, 18 US 45/DCN/Design/InitialCAD_Sheets/IDOT Lighting Plans to be Included/IDOT Provided CAD_Sheets/0918789_Light_1.dgn

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DRAWN -	REVISED -	
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PLOT DATE = 2/18/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

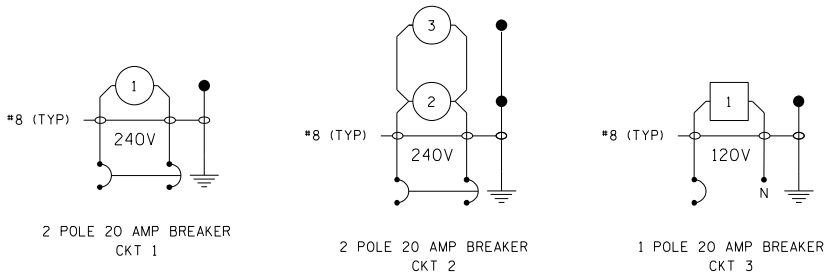
PROPOSED LIGHTING PLAN			
US-45 & IL-141			
SCALE: 1" = 50'	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(28,29,100,101-2)SR-1,N-1	WHITE	165	56
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				

E3

MODEL: Defr4h
FILE NAME: 2320063.18 US 45(DGN)DesignFinal\CAD_Sheets\DDOT Lighting Plans to be Included\DDOT Provided CAD_Sheets\09/03/09_Wiring Diagram.dgn

BILL OF MATERIALS			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 2" DIA.	FOOT	116
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	550
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	3
82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
83008600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	3
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE 8 5/8" X 6	EACH	3
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	12
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1



US-45 AND IL-141

PROPOSED LIGHTING CONTROLLER,
POLE MOUNTED, 240V, 60AMP

LEGEND:

- 1

PROPOSED LIGHTING UNIT
- 1

RELOCATED FLASHING BEACON
- GROUND ROD

NOTES:

- ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

Project

Date	Contract Number	Section Number	County
09/11/24	78789	N/A	WHITE
Marked Route Number		Municipality	
US-45			

Roadway

Lane Width	*of Lanes	Median Width	I.E.S Surface Classification	0-Zero Value
24 FT	2	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
40 FT	15 FT	15 FT	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution	
ROADWAY, OUTPUT DESIGNATION G	TYPE III	MEDIUM	
Total Light Loss Factor (LLF)	BUG Rating	Shields	Dimming Protocol
0.700	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 Ft) Configuration (Opposite, Staggered, 1 Sided, or Median)	
190 FT	SINGLE SIDED

Performance

Average Illuminance, E _{AVE} (fc)	Uniformity Ratio, E _{AVE} /E _{MIN}		
0.8	3.0		
Average Luminance, L _{AVE} (cd/m ²)	Uniformity Ratio, L _{AVE} /L _{MIN}	Uniformity Ratio, L _{MAX} /L _{MIN}	Veiling Luminance Ratio, L _v /L
0.6	3.5	6.0	0.3

Light Trespass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E	Max. Vertical Illuminance at ROW, E
N/A	N/A	N/A

Notes

- Set Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions above.

PHOTOMETRIC CALCULATIONS TO BE PERFORMED IN ONE DIRECTION ONLY.

COMPLIANCE WITH PERFORMANCE CRITERIA SHALL BE HELD TO ONE SIGNIFICANT DIGIT.

LUMINAIRE PERFORMANCE TABLE

E4

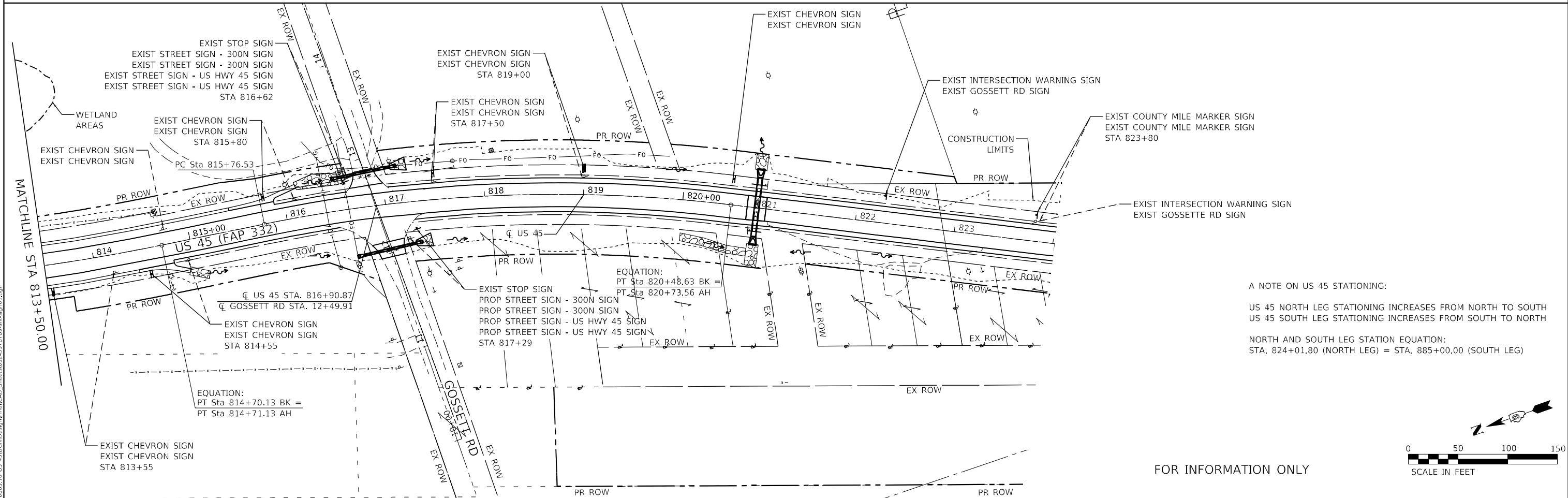
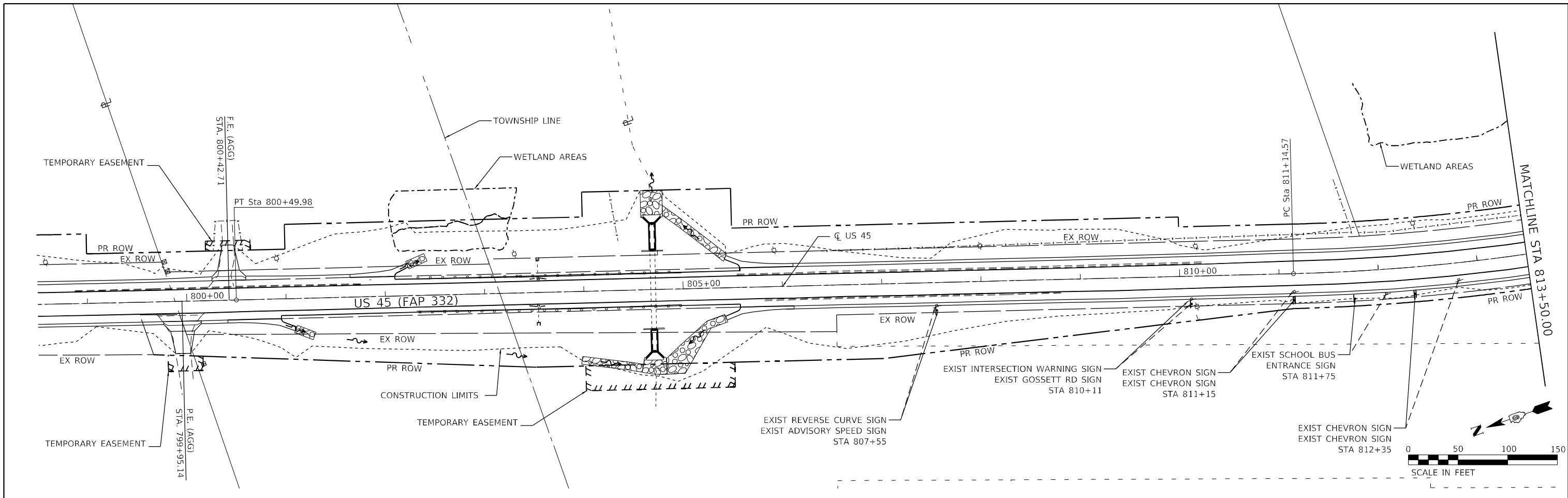
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DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(28,29,100,101-2)/SR-1,N-1	WHITE	165	57
CONTRACT NO. 78789				
		ILLINOIS	FED. AID PROJECT	



FOR INFORMATION ONLY

MODEL: Default
FILE NAME: 23-0063.18 US 45(DGN)Design\Final\CAD_Sheets\052-D9789-shr-dgn01.dgn

EFK•Moen
Civil Engineering Design

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PLOT SCALE = 100,0022' / in.	DRAWN - ZJW	REVISED -
PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -
	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAIL

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 798+50 TO STA. 824+01.80

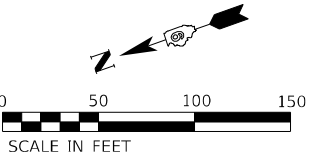
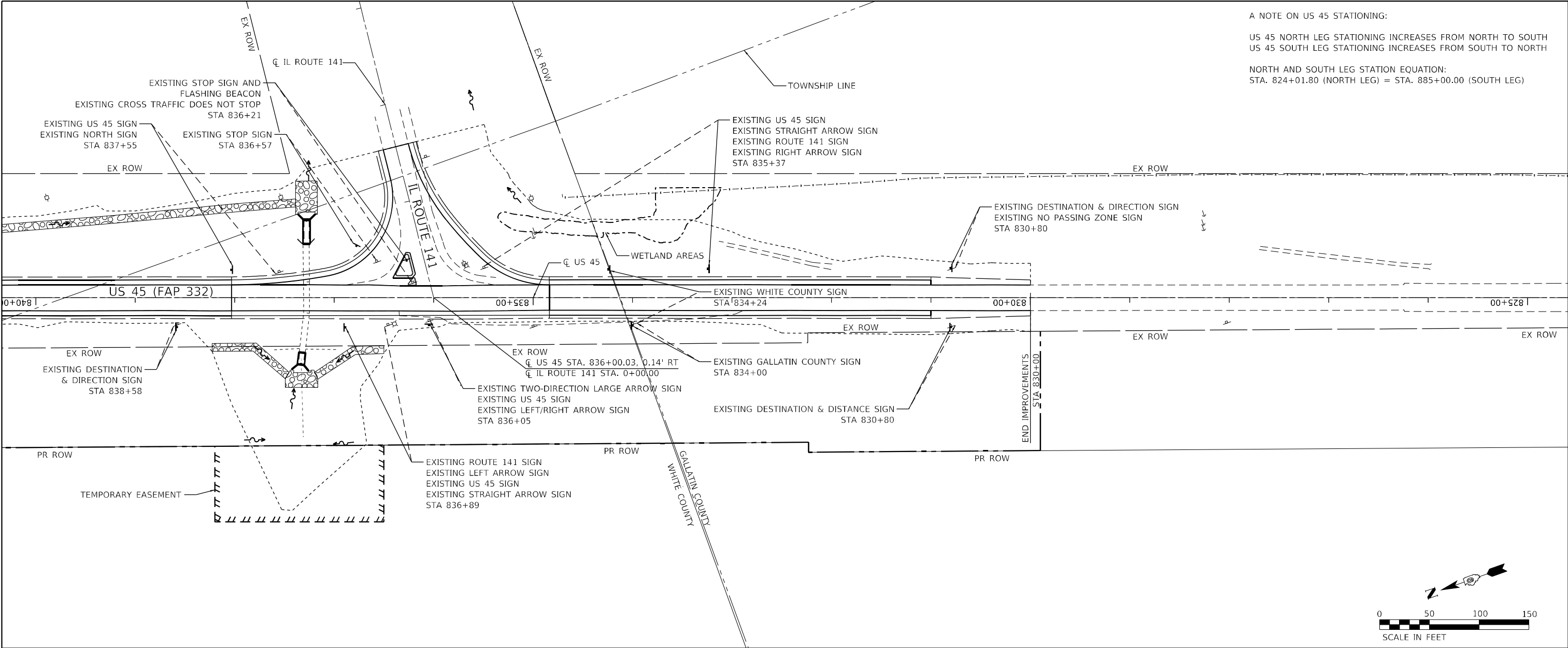
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	58
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



FOR INFORMATION ONLY

MODEL: Default
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EfK•Moen
Civil Engineering Design

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	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

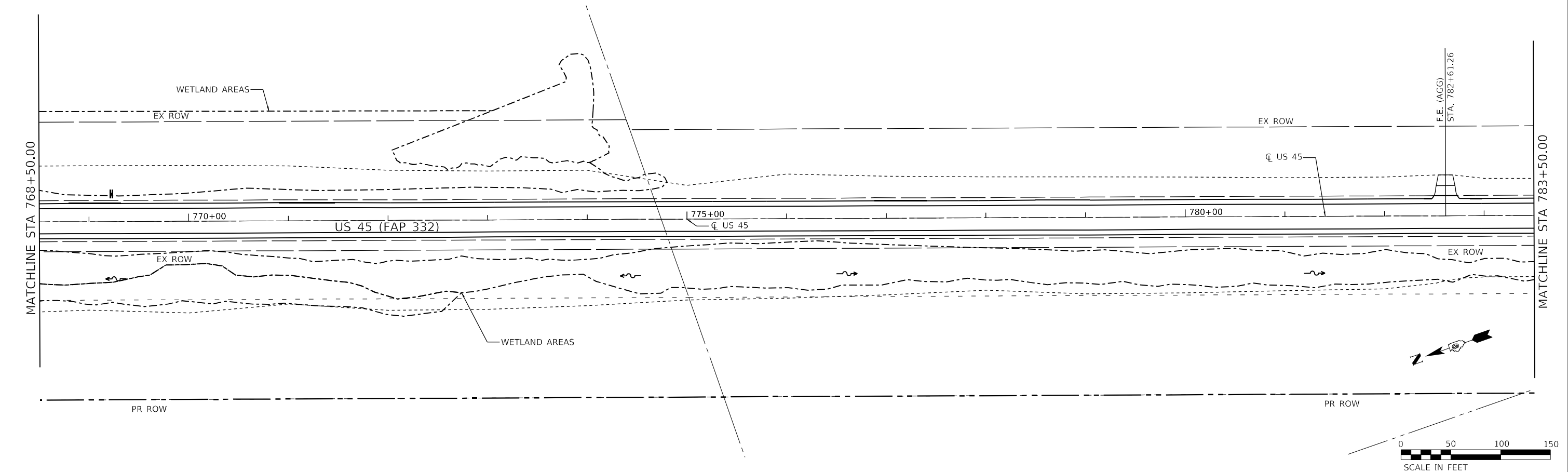
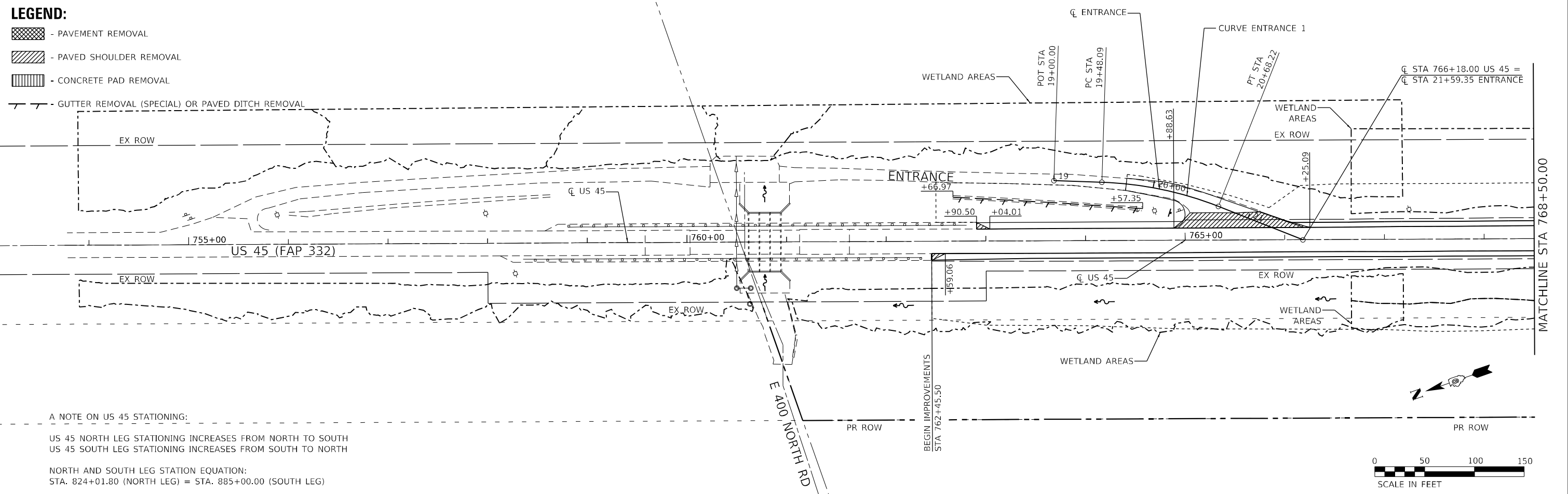
SIGNING DETAIL				
SCALE: 1" = 50'	SHEET 2	OF 2	SHEETS	STA. 840+00 TO STA. 825+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	59
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

LEGEND:

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE PAD REMOVAL
- GUTTER REMOVAL (SPECIAL) OR PAVED DITCH REMOVAL



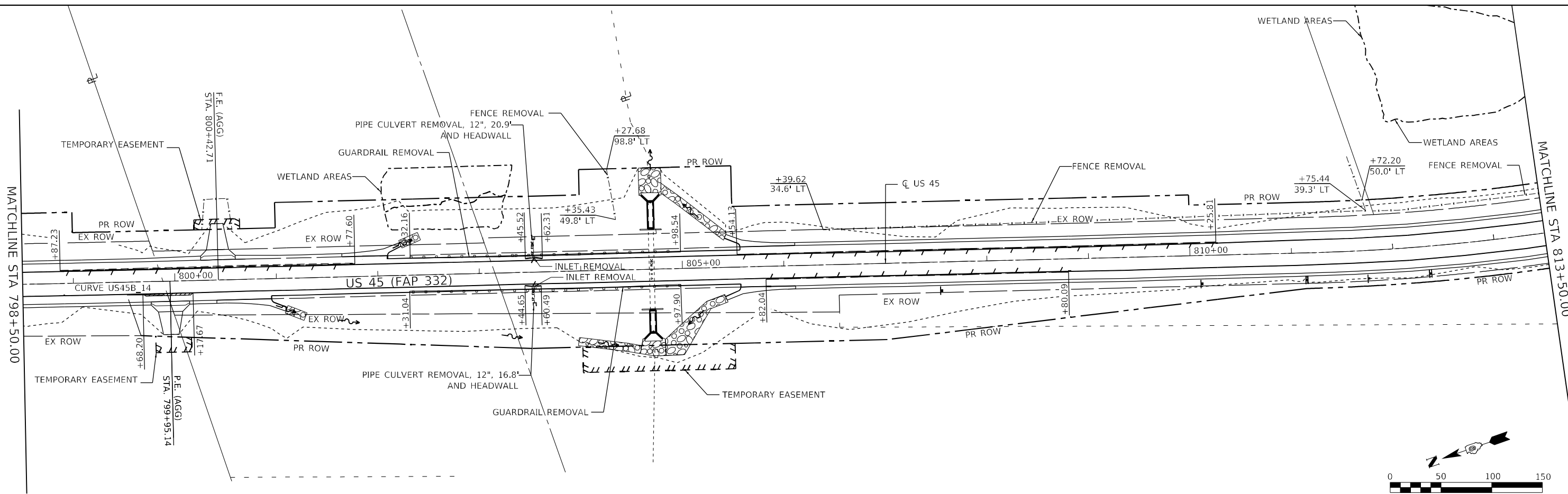
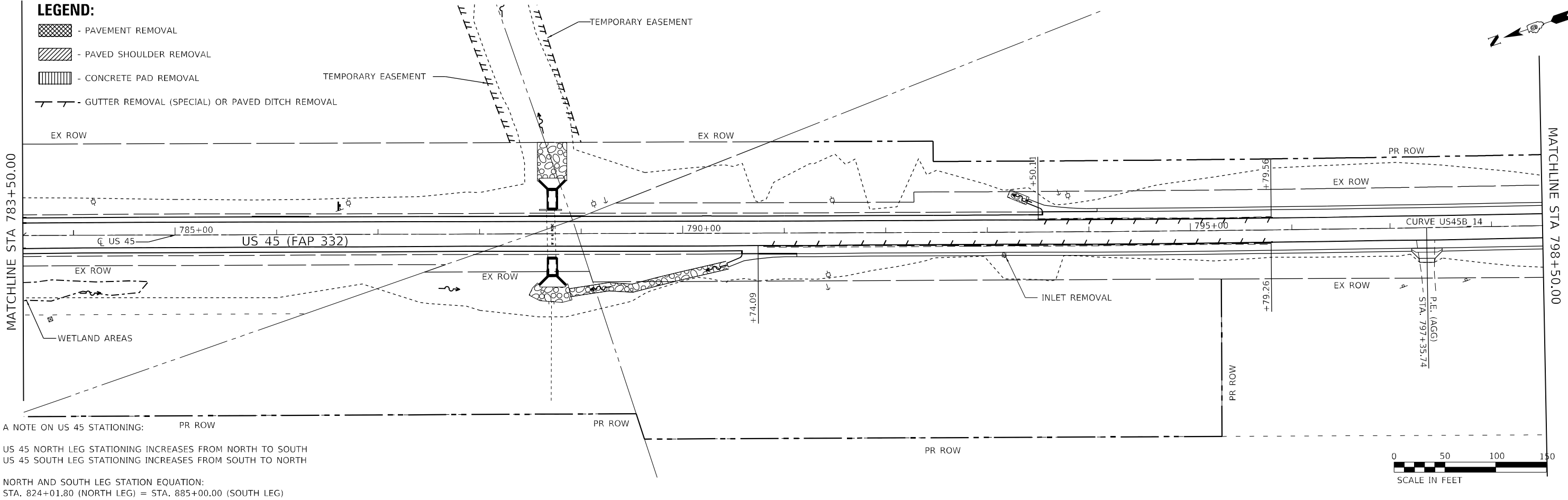
MODEL: Default FILE NAME: 23_20063.18 US 45(DGN)DesignFinalCAD_Sheets054-D978789-4-ct-rem01.dgn EFK♦Moen Civil Engineering Design	USER NAME = ZWaters		DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVALS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	DRAWN - ZJB		CHECKED - SLD	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	60			
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	PLOT DATE = 2/28/2025		DATE - 2/28/2025	REVISED -								ILLINOIS FED. AID PROJECT						

* WHITE / CALL OUT

* WHITE/ GALLATIN

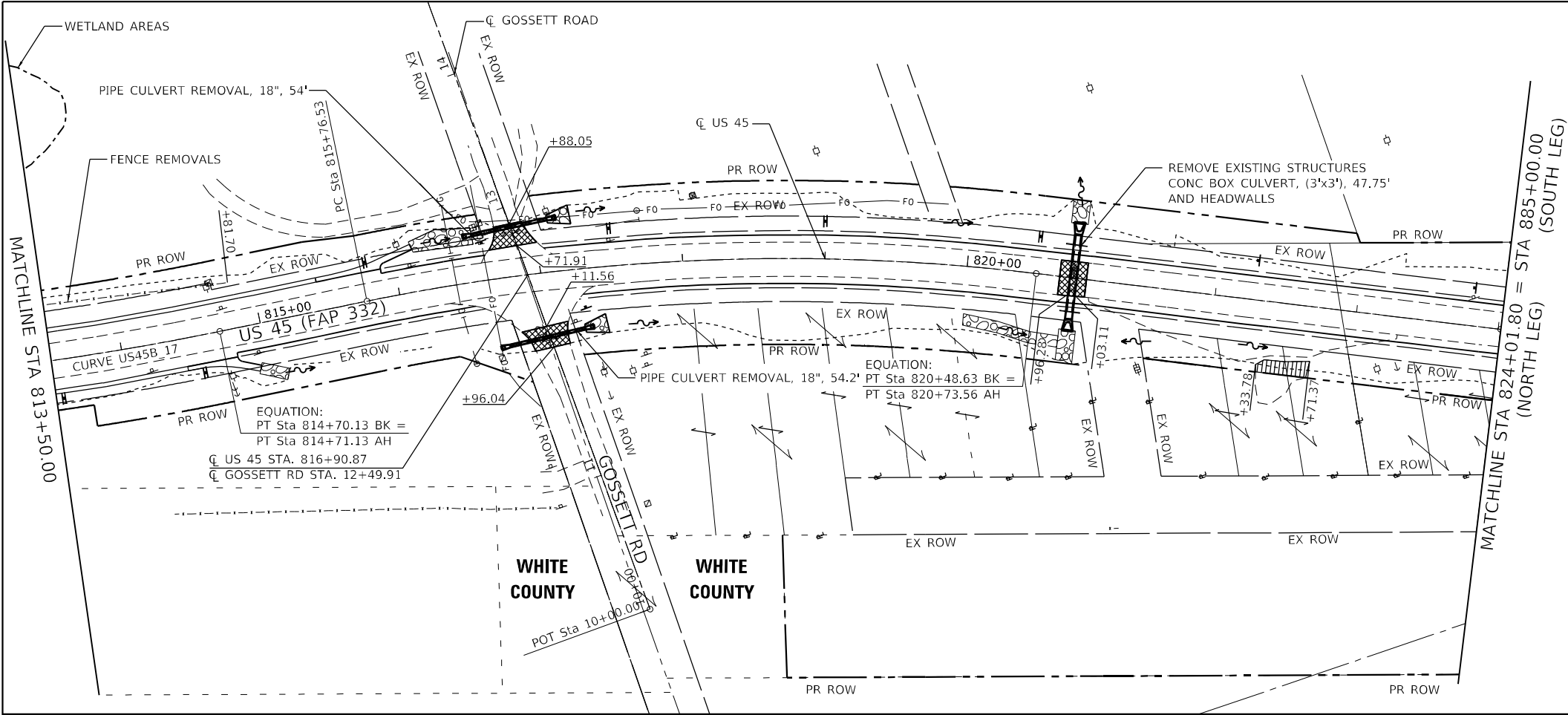
LEGEND:

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE PAD REMOVAL
- GUTTER REMOVAL (SPECIAL) OR PAVED DITCH REMOVAL



USER NAME = ZWaters	DESIGNED - SJF	REVISED -
DRAWN - ZJB	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		



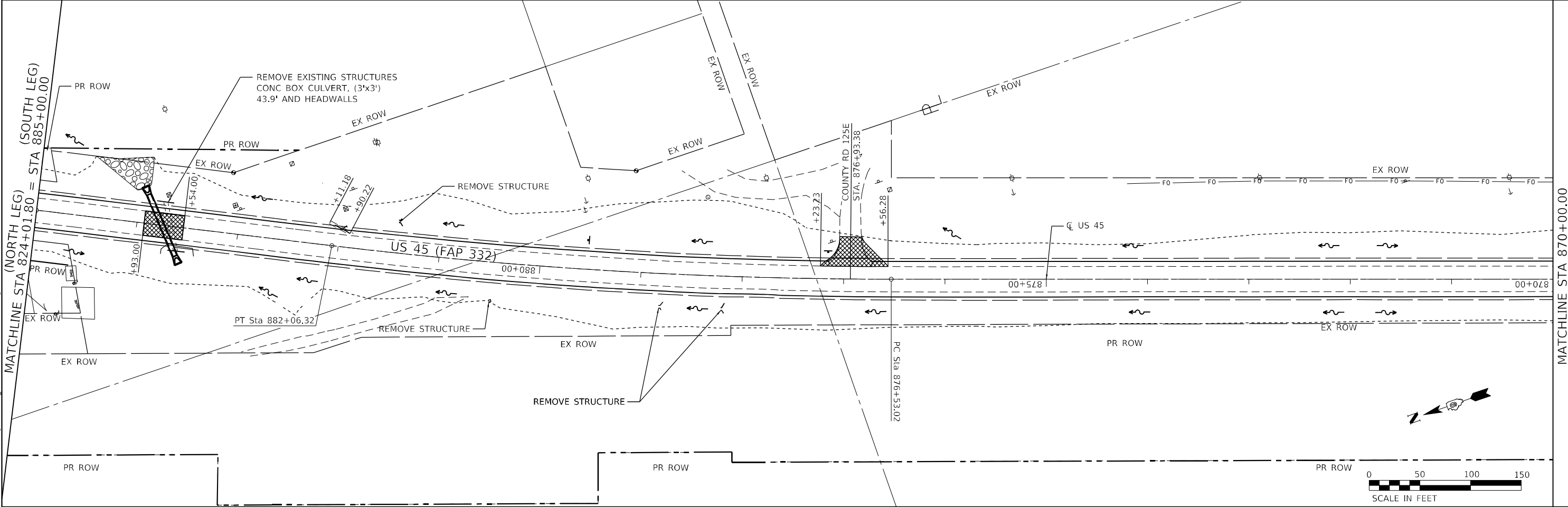
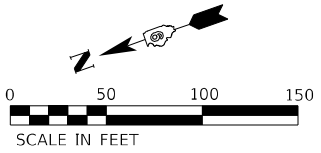
LEGEND:

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE PAD REMOVAL
- GUTTER REMOVAL (SPECIAL) OR PAVED DITCH REMOVAL

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters

DESIGNED - SJF

DRAWN - ZJB

CHECKED - SLD

DATE - 2/28/2025

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

REMOVALS

SCALE: 1" = 50'

SHEET 3

OF 5 SHEETS

STA. 813+50

TO STA. 870+00

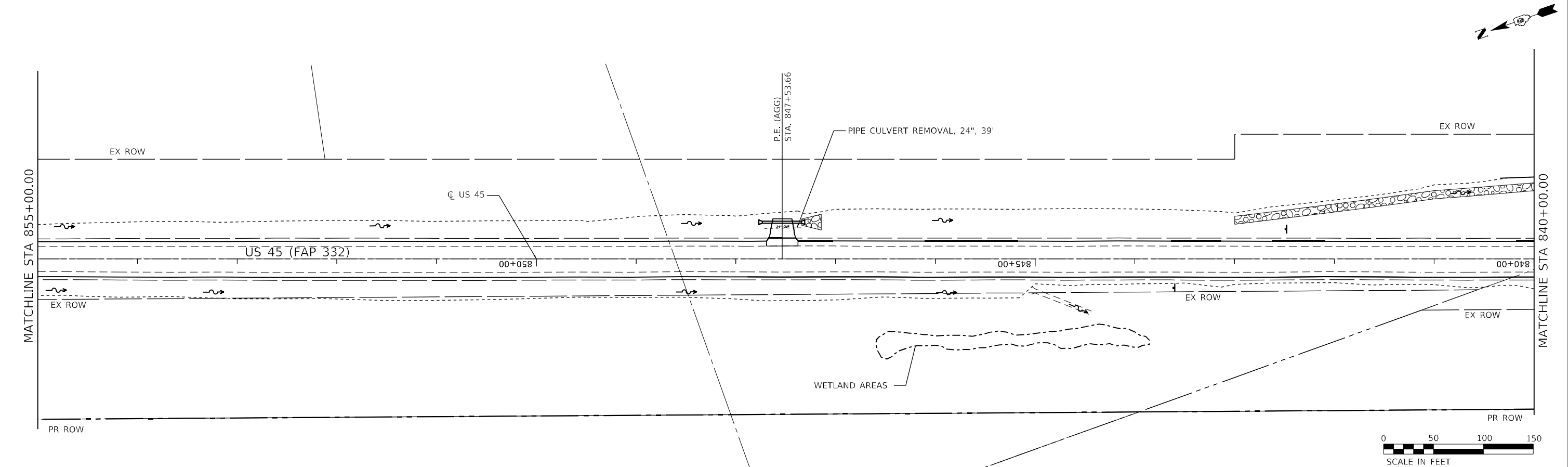
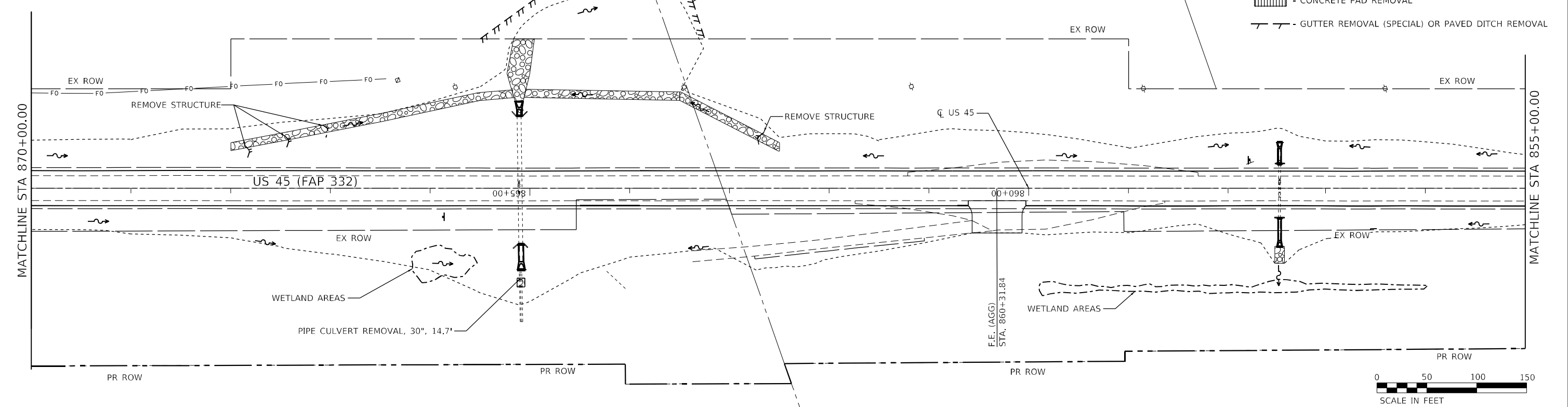
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**	(28,29,100,101-2)SR-1,N-1	*	165	62
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

A NOTE ON US 45 STATIONING:

US 45 NORTH LEG STATIONING INCREASES FROM NORTH TO SOUTH
US 45 SOUTH LEG STATIONING INCREASES FROM SOUTH TO NORTH

NORTH AND SOUTH LEG STATION EQUATION:
STA. 824+01.80 (NORTH LEG) = STA. 885+00.00 (SOUTH LEG)



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVALS

SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 870+00 TO STA. 840+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	63
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

Benchmark: BM 7055; Chiseled "C" on center of east headwall of SN 097-7055; Elev. 376.137.

Existing Structure: SN 097-7055; Built in 1922 at Station 788+68 as part of SBI Route 1, Section 28 A-B. The structure is a single cell 8'x7.5' concrete box culvert. The total length of the structure is 47'-8" out-to-out headwall. The existing structure is to remain and will be extended. Traffic to be maintained on existing structure during construction of extensions.

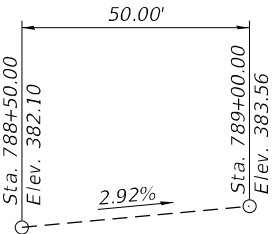
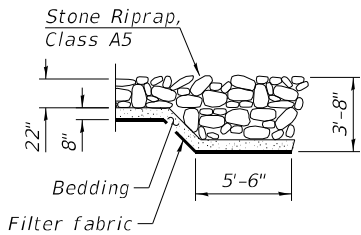
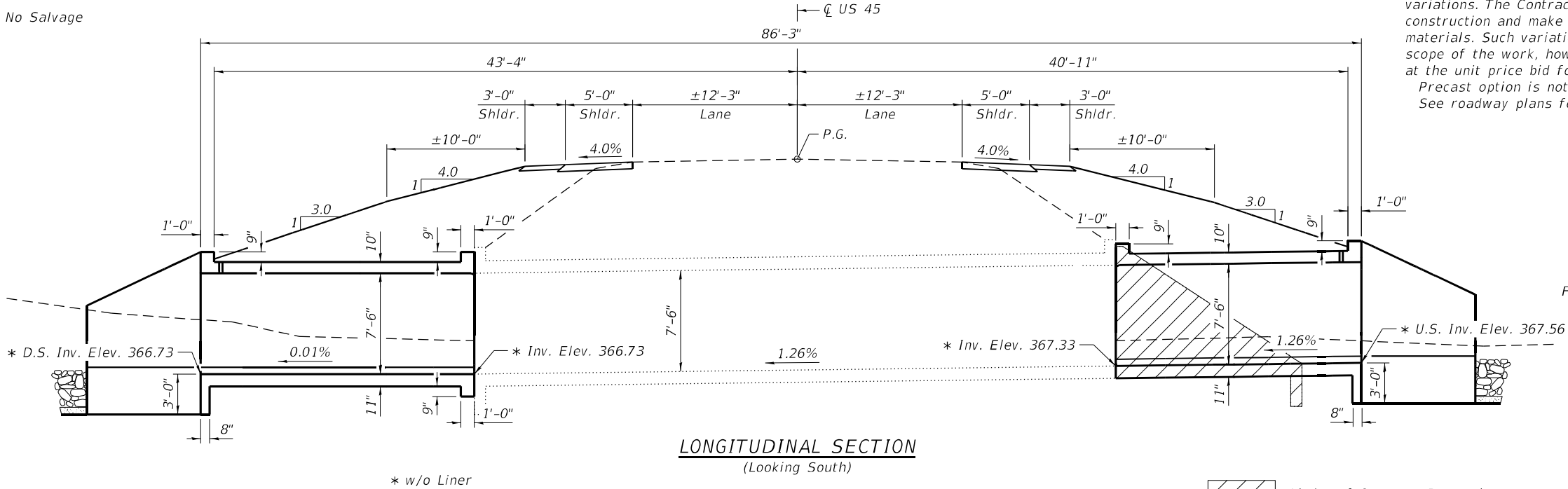
No Salvage

INDEX OF SHEETS

1. General Plan and Elevation
2-3. Box Culvert Extension Details
4. Liner Details

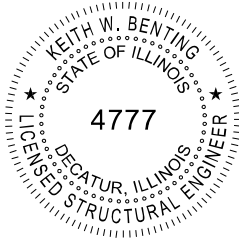
GENERAL NOTES

The barrel extension shall be poured monolithically with the wingwall.
All construction joints shall be bonded.
Plan dimensions and details relative to 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Precast option is not allowed.
See roadway plans for pay items and quantities not detailed in culvert plans.



SECTION A-A

PROFILE GRADE
(Along C US 45)



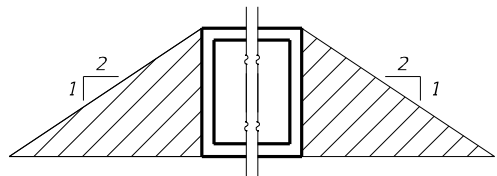
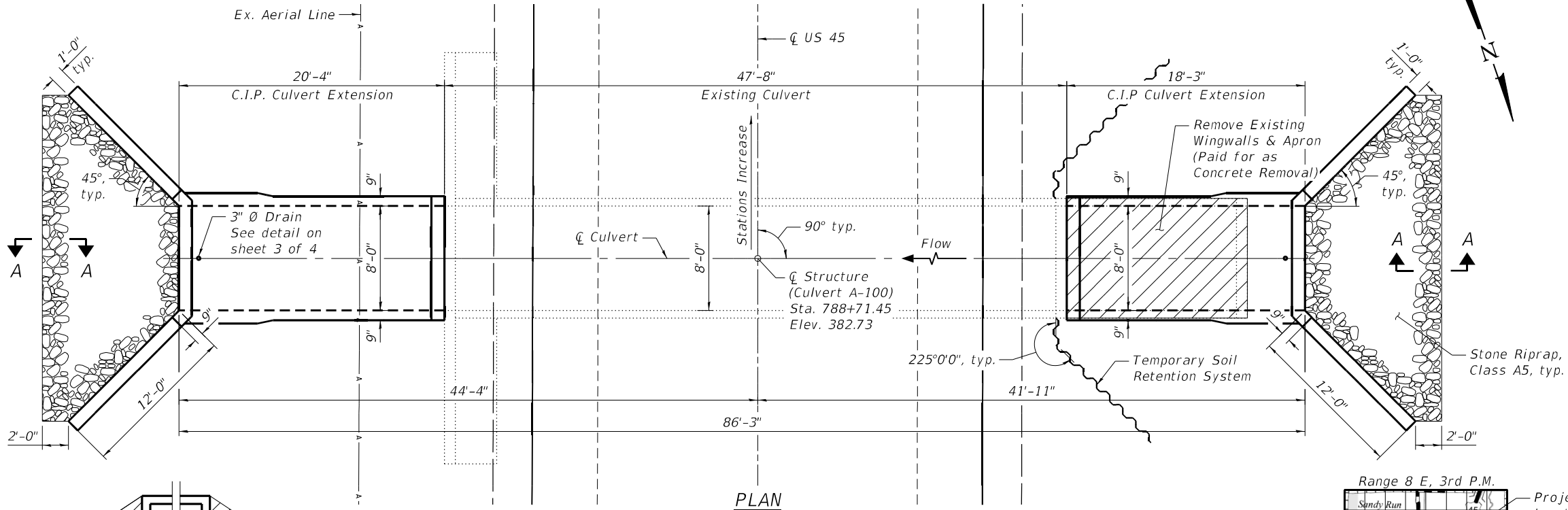
Keith W. Benting, Illinois S.E. 081-004777
Expires 11/30/2026

3/14/2024

Date

TOTAL BILL OF MATERIAL - SN 097-7055

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	240
Stone Riprap, Class A5	Sq. Yd.	43
Filter Fabric	Sq. Yd.	43
Concrete Removal	Cu. Yd.	7.8
Reinforcement Bars	Pound	10,500
Temporary Soil Retention System	Sq. Ft.	169
Expansion Bolts 3/4 Inch	Each	36
Concrete Box Culverts	Cu. Yd.	62.5
Box Culverts to be Cleaned	Foot	48
Polymer Modified Portland Cement Mortar	Sq. Ft.	15
Box Culvert Liner (Spray-Applied)	Sq. Ft.	1,787



PAY LIMITS FOR POROUS
GRANULAR EMBANKMENT
(Hatched area)
(Along Culvert Extensions)

HYDRAULIC DATA

Drainage Area = 0.81 sq. mi.
Design Discharge = 303.6 cfs
Minimum Opening Required = 47.78 sq. ft.
Design Headwater Elevation = 374.01 ft.
100 Year Discharge = 376.2 cfs
100 Year Headwater Elevation = 375.21 ft.

DESIGN STRESSES

FIELD UNITS

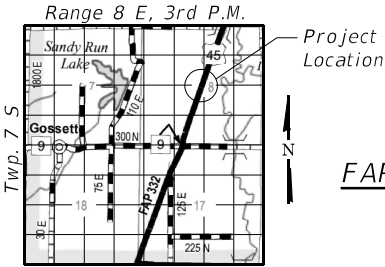
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for
Highway Bridges, 17th Edition

LOADING HS-20

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



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
US 45 OVER CREEK

FAP 332 - SECTION (28,29,100,101-2)SR-1,N-1
WHITE COUNTY
STATION 788+71.45
STRUCTURE NO. 097-7055

MODEL: Default
FILE NAME: S:\2022\221043 - PTB 203-49 - D9 - Oates - Various Ph H\W\O#1 - US-45 Culvert Plans & Wetland Impacts\CADD\CADD Sheets\0977055-78789-001-GPE.dgn



QUIGG ENGINEERING INC

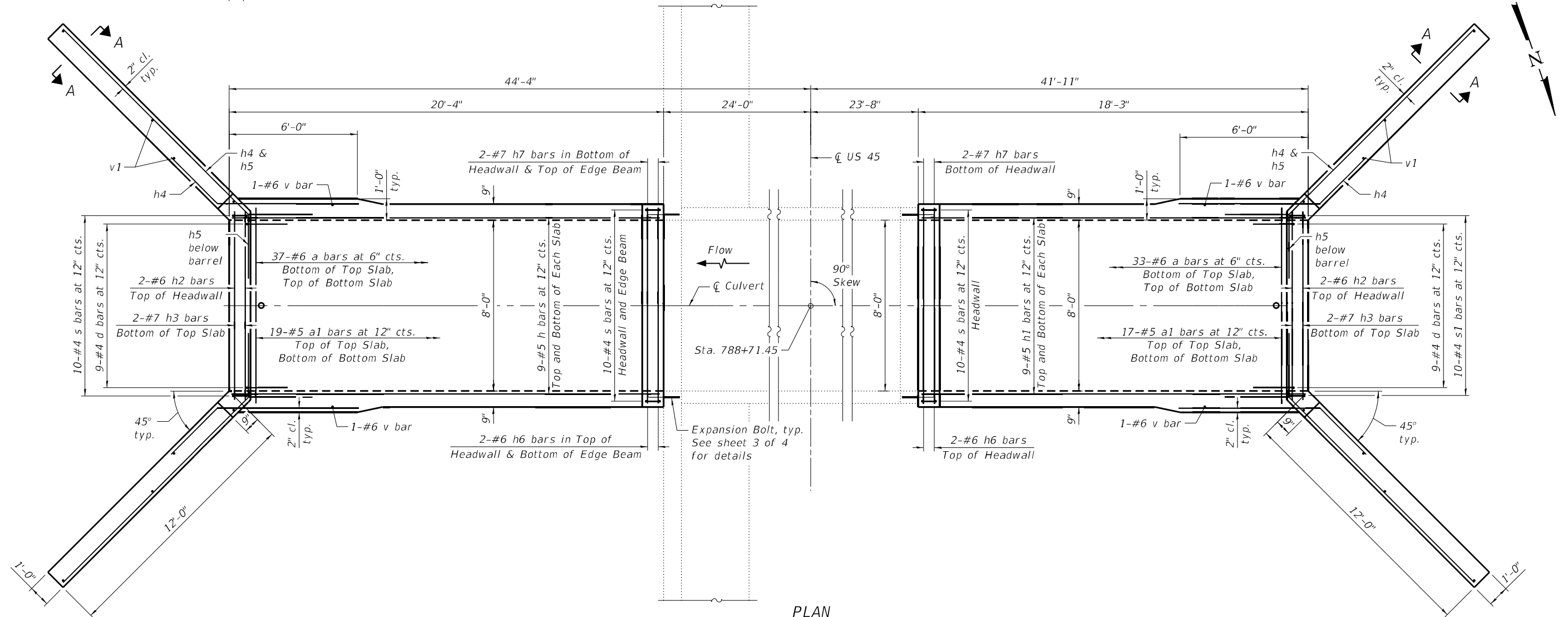
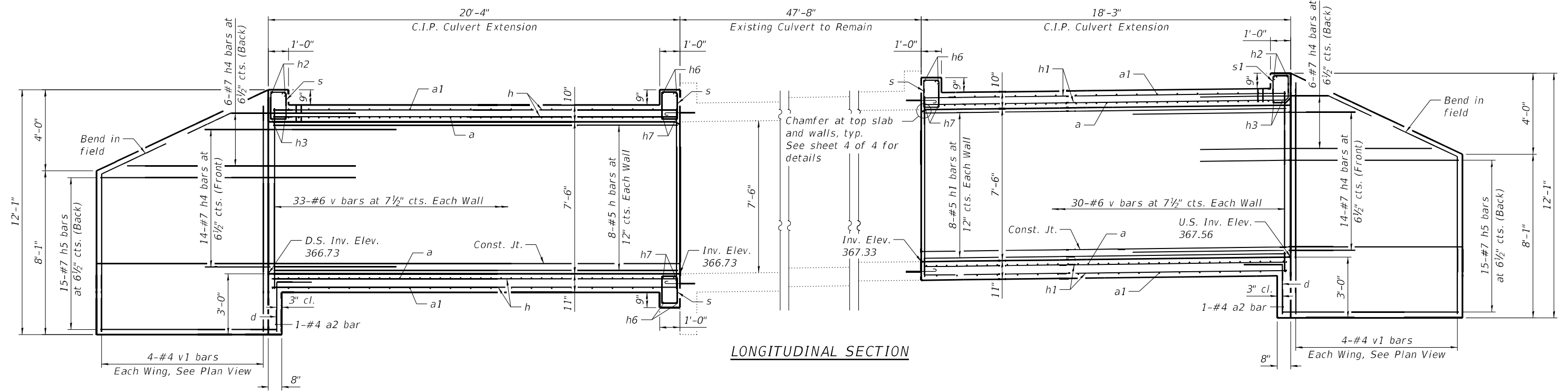
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PLOT DATE =		CHECKED -	MDC	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

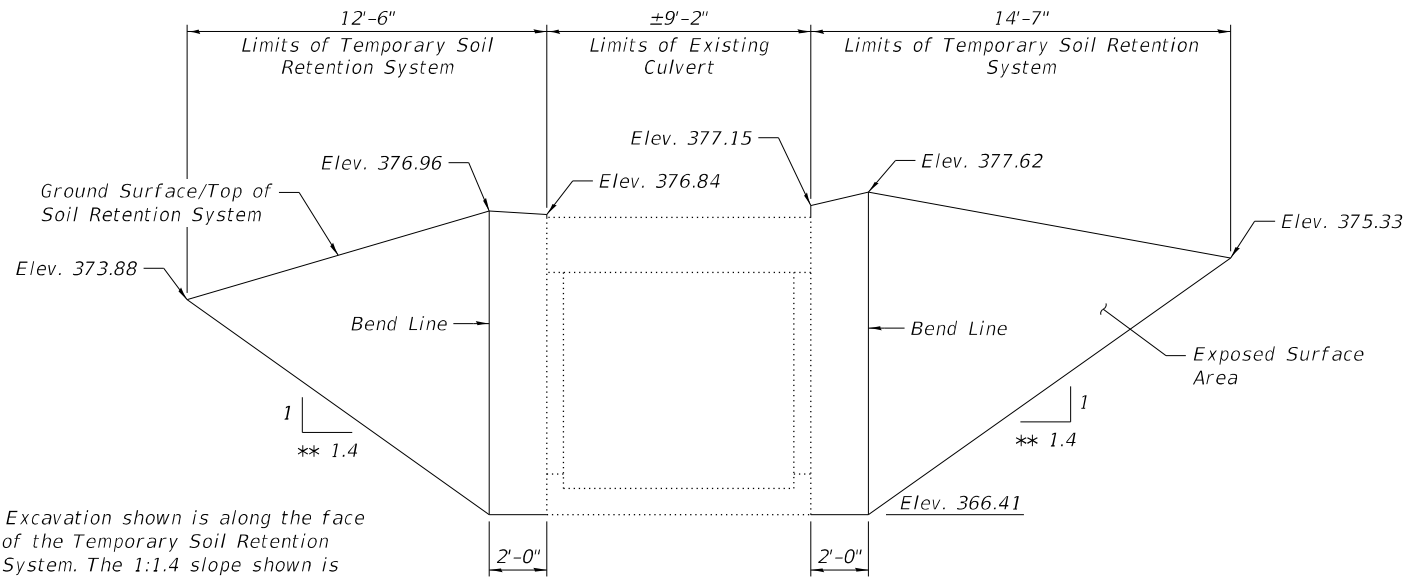
GENERAL PLAN AND ELEVATION
STRUCTURE NO. 097-7055

SHEET 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	65
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				
* WHITE/GALLATIN				



MODEL: Default
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2/28/2025 11:31:09 AM

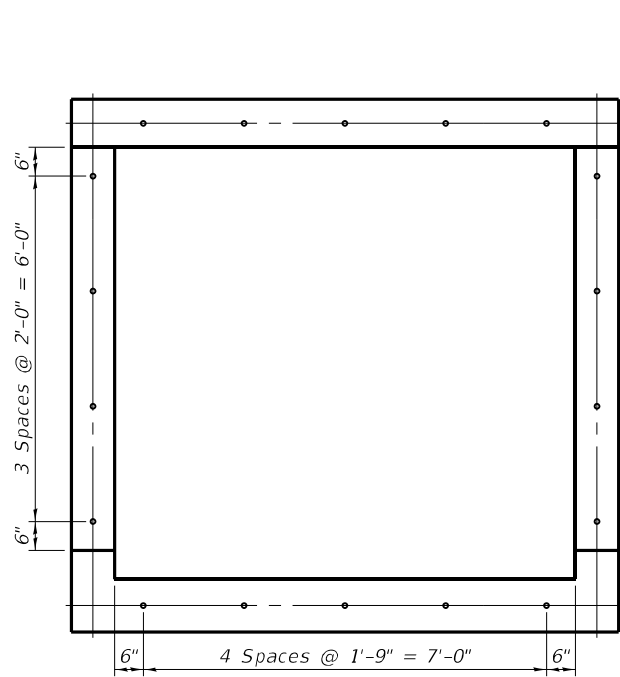


** Excavation shown is along the face of the Temporary Soil Retention System. The 1:1.4 slope shown is consistent with the 1:1 construction excavation.

TEMPORARY SOIL RETENTION SYSTEM

(Looking East)

(Dimensions along face of Temporary Soil Retention System)
(The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.)

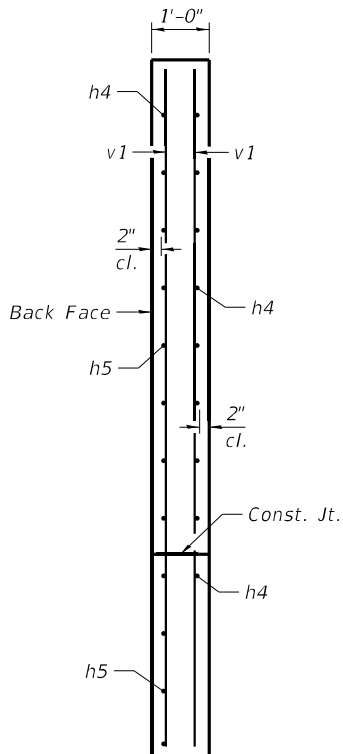


SECTION THRU BARREL

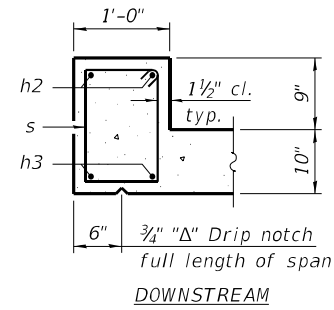
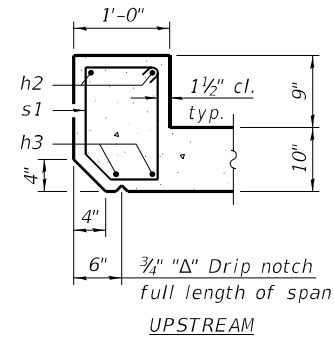
(Location of Expansion Bolts)

Notes:

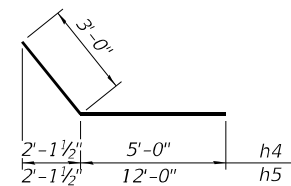
Expansion bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
Liner omitted for clarity. See sheet 4 of 4 for details.



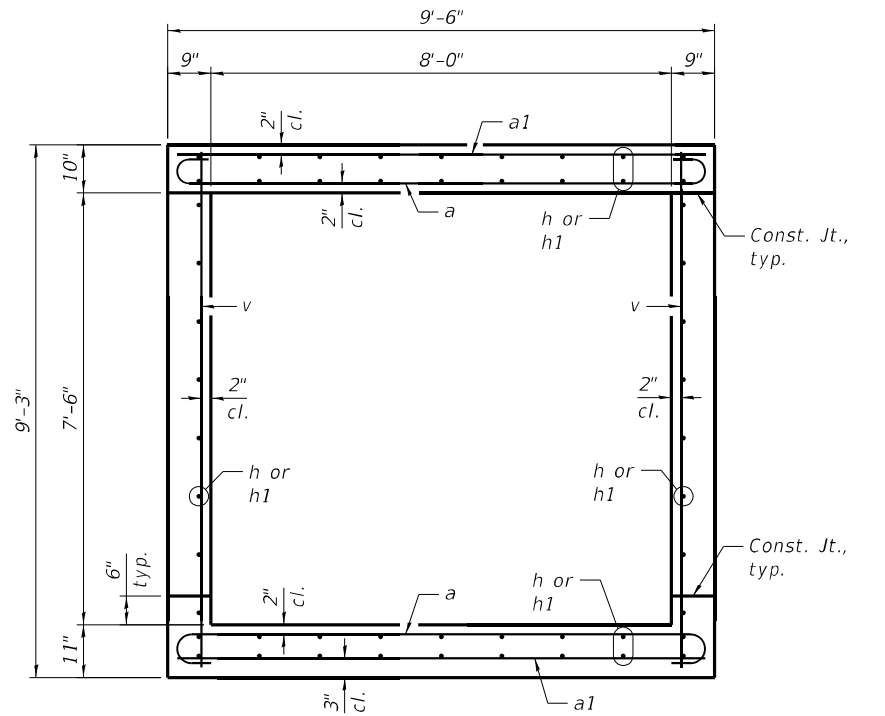
SECTION A-A



SECTION THRU HEADWALL

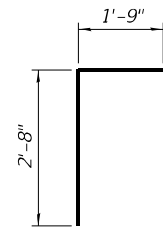


BARS h4 & h5

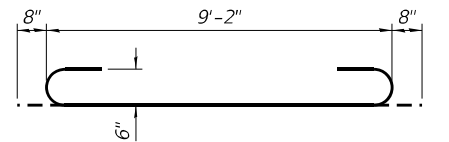


SECTION THRU BARREL

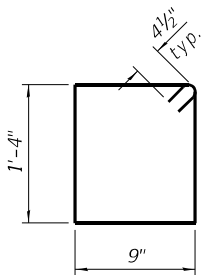
(See sheet 4 of 4 for culvert liner and chamfer details.)



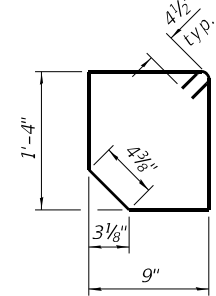
BAR d



BAR a



BAR s



BAR s1

BILL OF MATERIAL

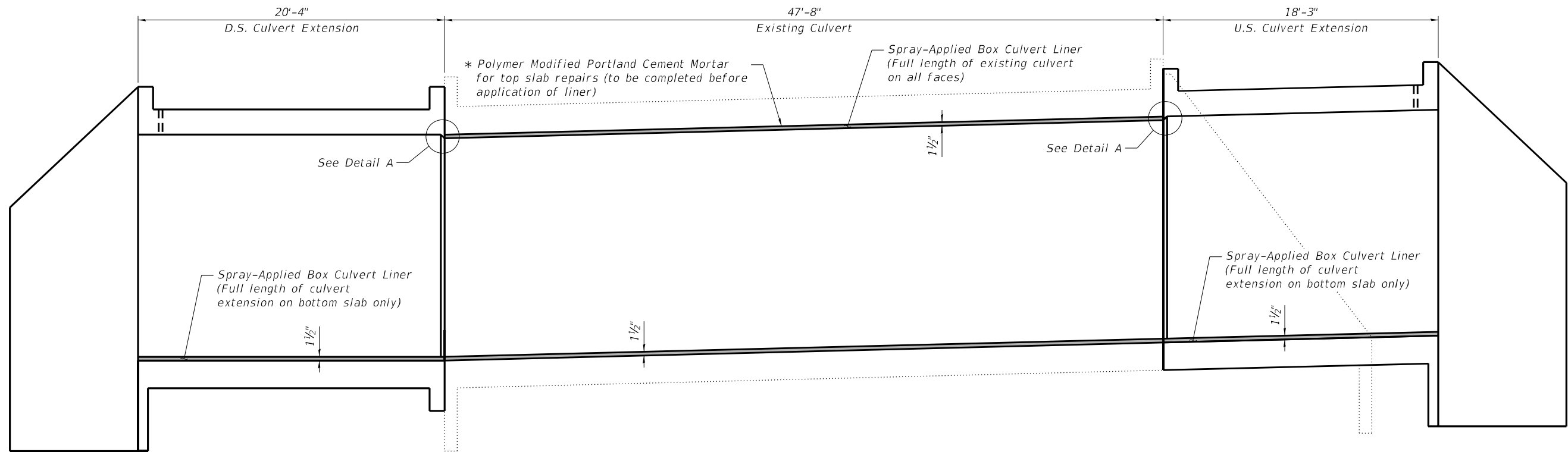
Bar	No.	Size	Length	Shape
a	140	#6	10'-6"	U
a1	72	#5	9'-2"	U
a2	2	#4	9'-2"	U
d	18	#4	4'-5"	L
h	52	#5	20'-0"	U
h1	52	#5	17'-11"	U
h2	4	#6	8'-10"	U
h3	4	#7	8'-10"	U
h4	80	#7	8'-0"	U
h5	60	#7	15'-0"	U
h6	6	#6	9'-2"	U
h7	6	#7	9'-2"	U
s	40	#4	4'-11"	U
s1	10	#4	4'-9"	U
v	130	#6	8'-10"	U
v1	16	#4	11'-8"	U
Item			Unit	Total
Reinforcement Bars			Pound	10,500
Expansion Bolts 3/4 Inch			Each	36
Concrete Box Culvert			Cu. Yd.	62.5

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT EXTENSION DETAILS
STRUCTURE NO. 097-7055

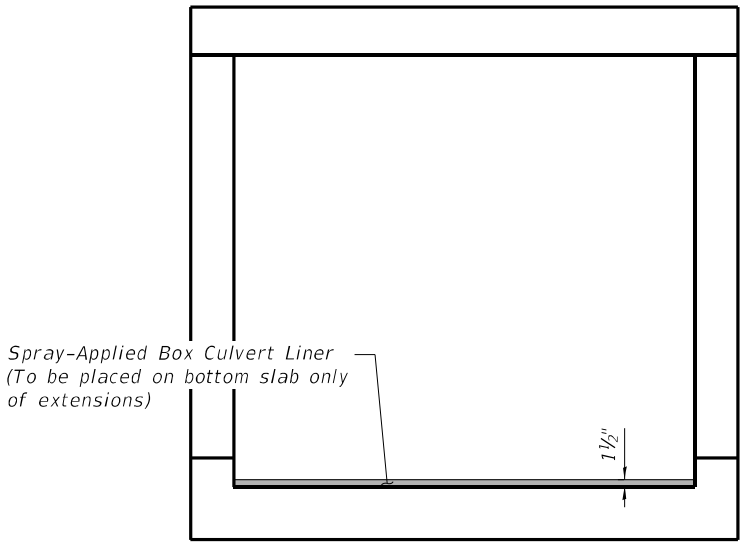
SHEET 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	67
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				
* WHITE/GALLATIN				

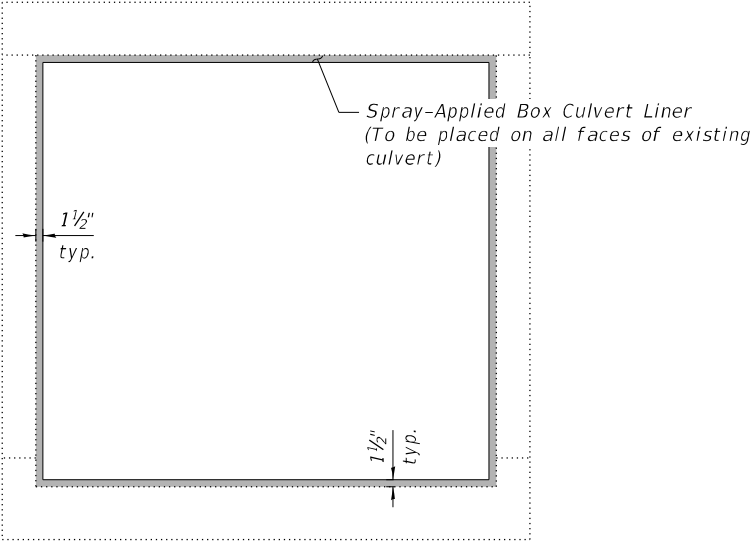


LONGITUDINAL SECTION

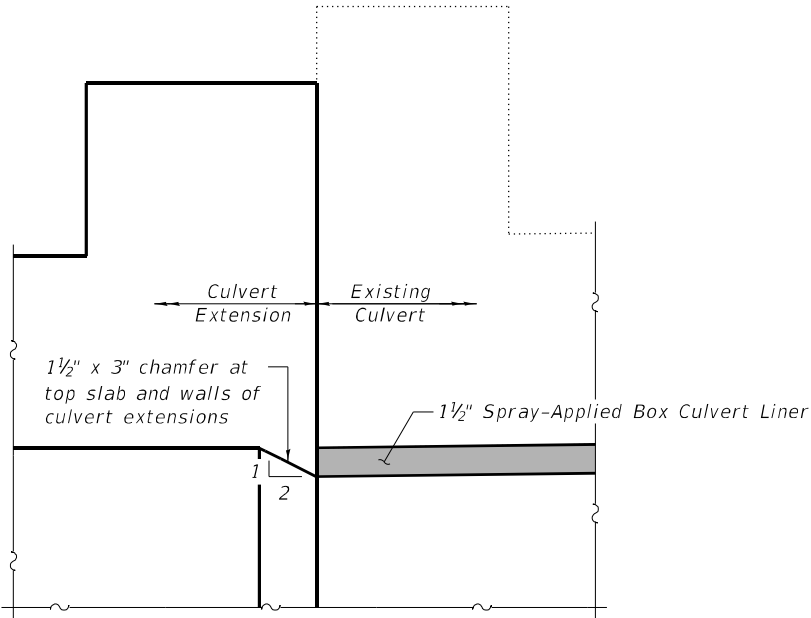
* The quantity of Polymer Modified Portland Cement Mortar is estimated. Engineer in field shall be responsible for determining the actual repair locations and show it on As-built plans.



SECTION THRU CULVERT EXTENSION



SECTION THRU EXISTING CULVERT



DETAIL A
(D.S. end shown, U.S. end similar)

MODEL: Default
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2/28/2025 11:31:10 AM



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PLOT DATE	=		CHECKED	-	MDC	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINER DETAILS
STRUCTURE NO. 097-7055

SHEET 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	68
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				

* WHITE/GALLATIN

Benchmark: BM 7055; Chiseled "I" on center of east headwall of SN 097-7055; Elev. 376.137.

Existing Structure: SN 097-7054; Built in 1922 at Station 804+75 as part of SBI Route 1, Section 28 A-B. The structure is a single cell 5'x5' concrete box culvert. The total length of the structure is 79'-6" out-to-out headwall. The existing structure is to remain and will be extended. Traffic to be maintained on existing structure during construction of extensions.

No Salvage

INDEX OF SHEETS

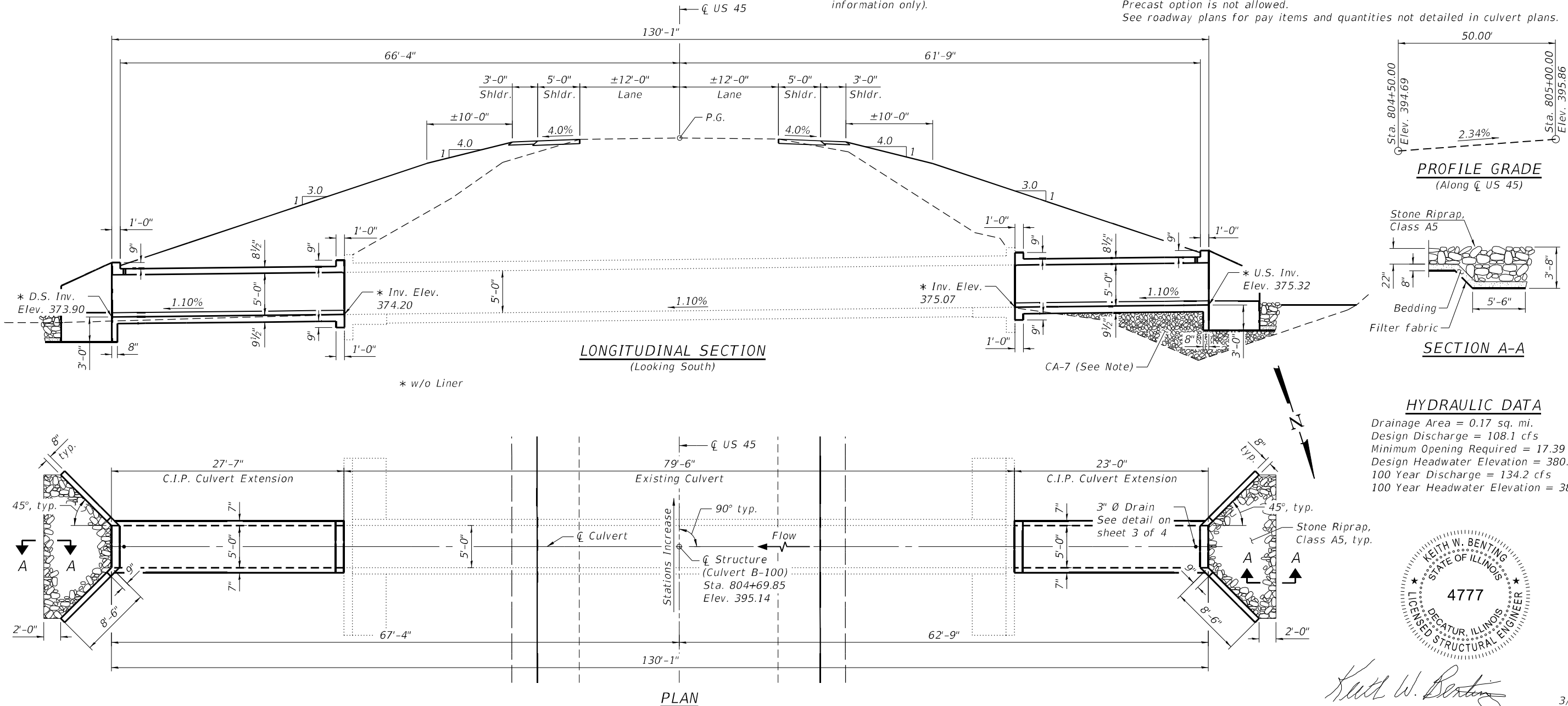
1. General Plan and Elevation
- 2-3. Box Culvert Extension Details
4. Liner Details

Note:

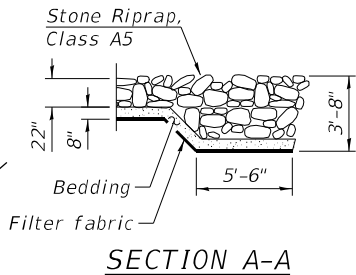
Fill voids to bottom of culvert with CA-7.
Included in cost of Concrete Box Culverts.
Fill approximated to be ± 7 cu. yds. (for information only).

GENERAL NOTES

The barrel extension shall be poured monolithically with the wingwall.
All construction joints shall be bonded.
Plan dimensions and details relative to 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Precast option is not allowed.
See roadway plans for pay items and quantities not detailed in culvert plans.



PROFILE GRADE
(Along $\bar{C}$ US 45)



HYDRAULIC DATA

Drainage Area = 0.17 sq. mi.
Design Discharge = 108.1 cfs
Minimum Opening Required = 17.39 sq. ft.
Design Headwater Elevation = 380.02 ft.
100 Year Discharge = 134.2 cfs
100 Year Headwater Elevation = 380.94 ft.



Keith W. Benting

3/14/2024

Keith W. Benting, Illinois S.E. 081-004777
Expires 11/30/2026

Date

DESIGN STRESSES

FIELD UNITS

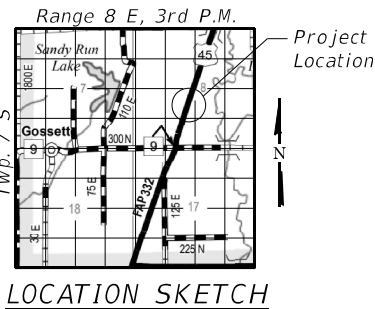
f'_c = 3,500 psi
 f_y = 60,000 psi (Reinforcement)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

LOADING HS-20

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



TOTAL BILL OF MATERIAL - SN 097-7054

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	155
Stone Riprap, Class A5	Sq. Yd.	23
Filter Fabric	Sq. Yd.	23
Reinforcement Bars	Pound	8,080
Expansion Bolts $\frac{3}{4}$ Inch	Each	24
Concrete Box Culverts	Cu. Yd.	41.3
Polymer Modified Portland Cement Mortar	Sq. Ft.	40
Box Culvert Liner (Spray-Applied)	Sq. Ft.	1,563

GENERAL PLAN AND ELEVATION

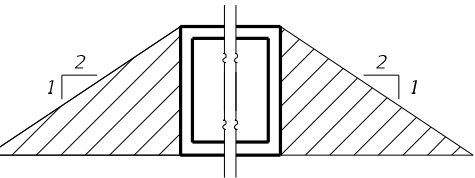
US 45 OVER CREEK

FAP 332 - SECTION (28,29,100,101-2)SR-1,N-1

WHITE COUNTY

STATION 804+69.85

STRUCTURE NO. 097-7054



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)
(Along Culvert Extensions)



QUIGG ENGINEERING INC

USER NAME = z davidson	DESIGNED - KWB	REVISED -
0977054-78789-001-GPE.dgn	CHECKED - ZLD	REVISED -
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PLOT DATE =	CHECKED - MDC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 097-7054

SHEET 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	69
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				

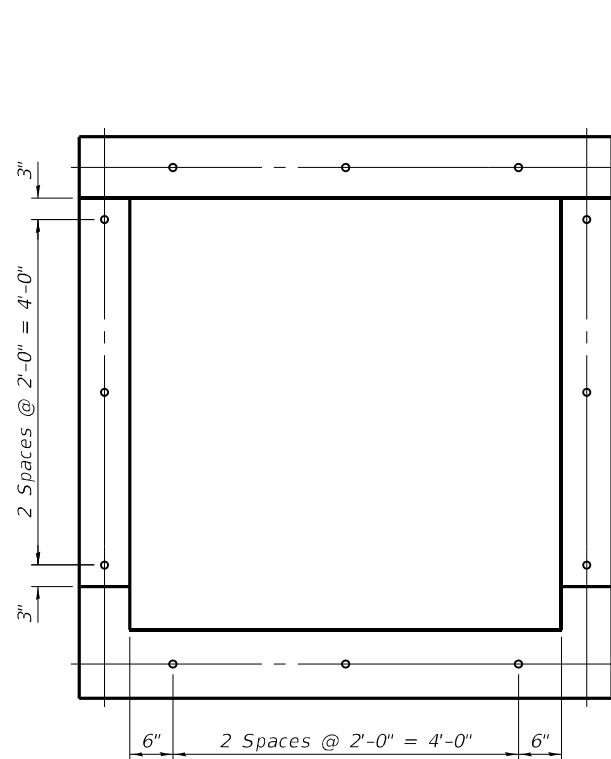
* WHITE/GALLATIN



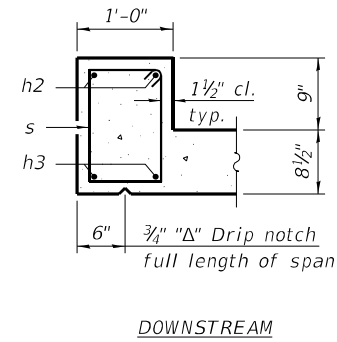
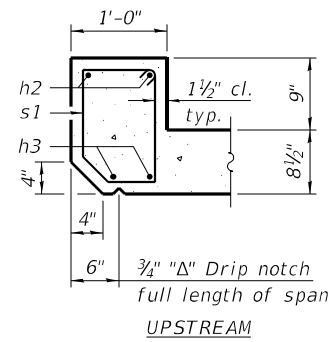
Technical drawing showing a cross-section of a concrete curb and gutter assembly. The drawing includes the following details and annotations:

- Inside face of headwall**: Indicated by a dimension line.
- 6"**: Dimension for the width of the aggregate layer.
- 9"**: Dimension for the height of the curb.
- 6"**: Dimension for the height of the gutter.
- * 12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.**
- * Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Perimeter of fabric shall be sealed to the concrete with mastic.**
- 3" Ø PVC drain cast with the concrete (Adjust location to clear reinforcement)**
- 1/2" Square foam blockout around PVC drain (to be removed with formwork)**

(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.)



Notes:
Expansion bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
Liner omitted for clarity. See sheet 4 of 4 for details.



(See sheet 4 of 4 for culvert liner and chamfer details.)

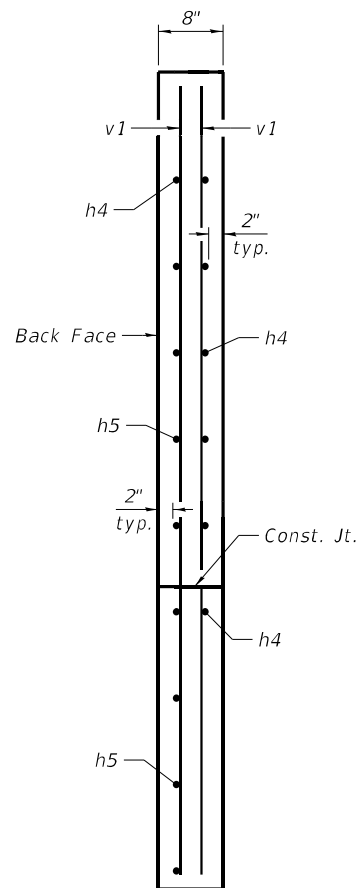


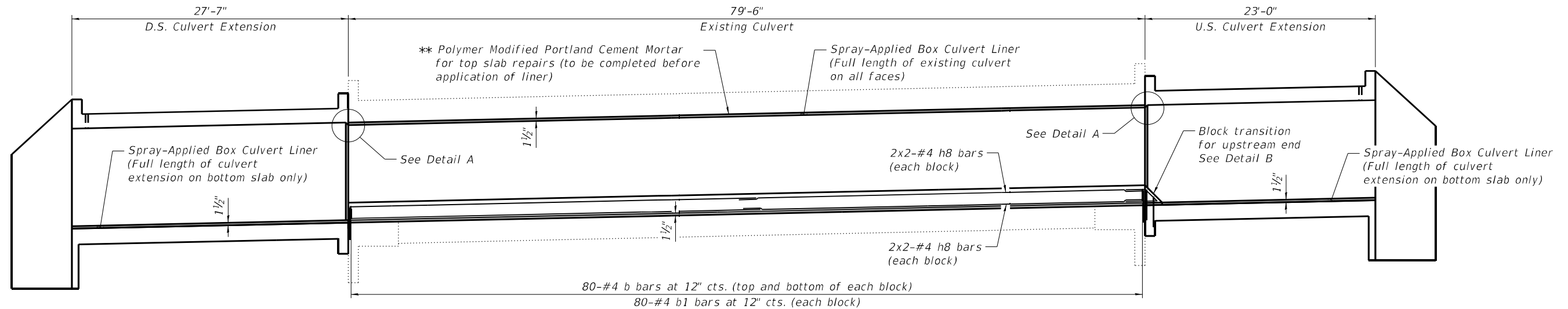
Diagram showing a square area with dimensions 2'-8" and 1'-9".

Diagram of a square with side length $9''$. A vertical dimension line on the left indicates a height of $1'-2\frac{1}{2}''$. A diagonal line from the top-right corner is labeled $4\frac{1}{2}''$ and $\frac{1}{4}''$.

Technical drawing of a square plate with the following dimensions:

- Overall width: 9"
- Overall height: 1'-2 1/2"
- Corner chamfer: 4 1/2" typical
- Internal cutout width: 4 3/8"
- Internal cutout height: 3 7/8"

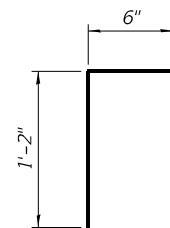
Bar	No.	Size	Length	Shape
a	150	#6	7'-2"	
a1	96	#5	5'-10"	
a2	2	#4	5'-10"	
b	320	#4	1'-8"	
b1	160	#4	2'-0"	
b2	4	#4	3'-0"	
d	12	#4	4'-5"	
h	36	#5	27'-3"	
h1	36	#5	22'-8"	
h2	4	#6	4'-11"	
h3	4	#7	4'-11"	
h4	48	#6	8'-0"	
h5	44	#6	11'-6"	
h6	8	#6	5'-10"	
h7	8	#7	5'-10"	
h8	16	#4	40'-6"	
h9	8	#4	3'-4"	
s	34	#4	4'-8"	
s1	6	#4	4'-6"	
v	180	#5	6'-1"	
v1	16	#4	9'-0"	
Reinforcement Bars			Pound	8,080
Expansion Bolts			Each	24
$\frac{3}{4}$ Inch				
Concrete Box Culverts			Cu. Yd.	41.3



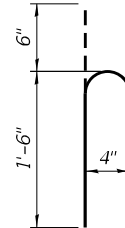
** The quantity of Polymer Modified Portland Cement Mortar is estimated. Engineer in field shall be responsible for determining the actual repair locations and show it on As-built plans.

LONGITUDINAL SECTION

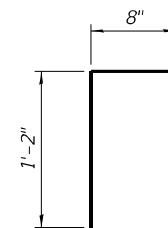
MINIMUM BAR LAP
#4 bar = 1'-9"



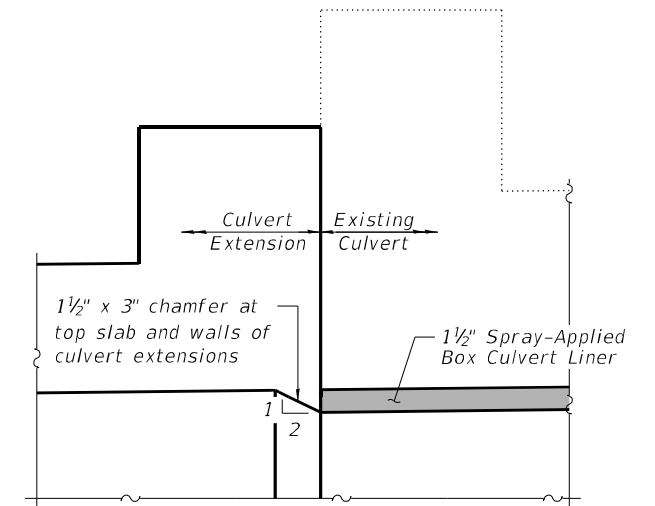
BAR b



BAR b1

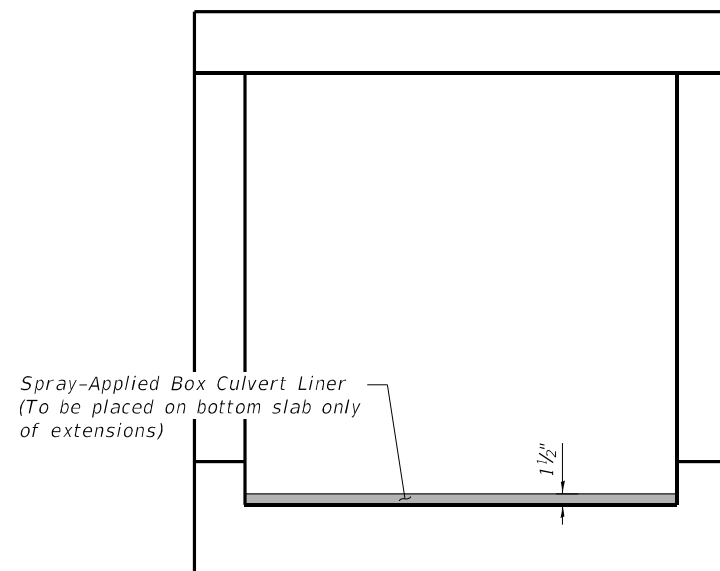


BAR b2

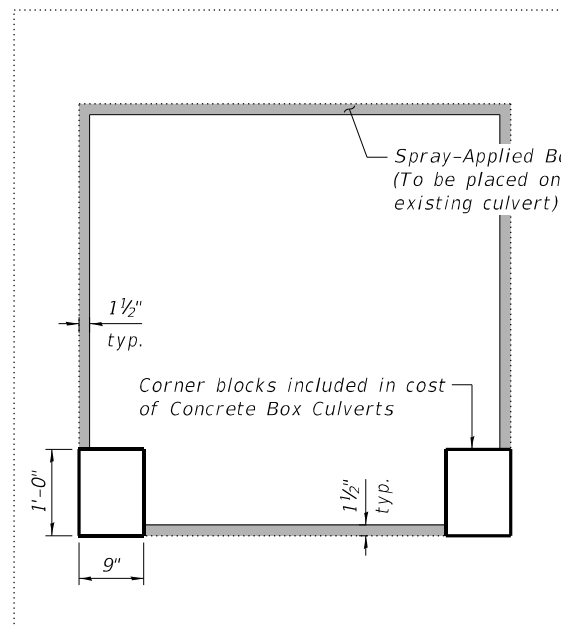


DETAIL A

(D.S. end shown, U.S. end similar)

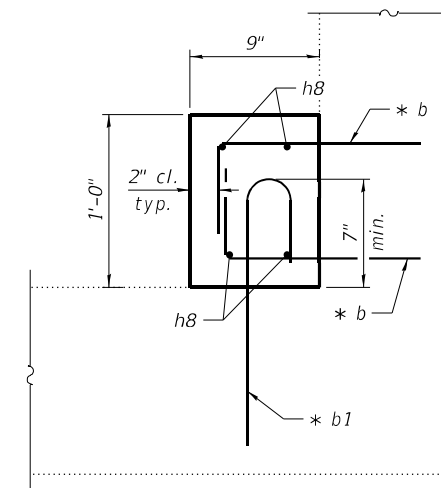


SECTION THRU CULVERT EXTENSION

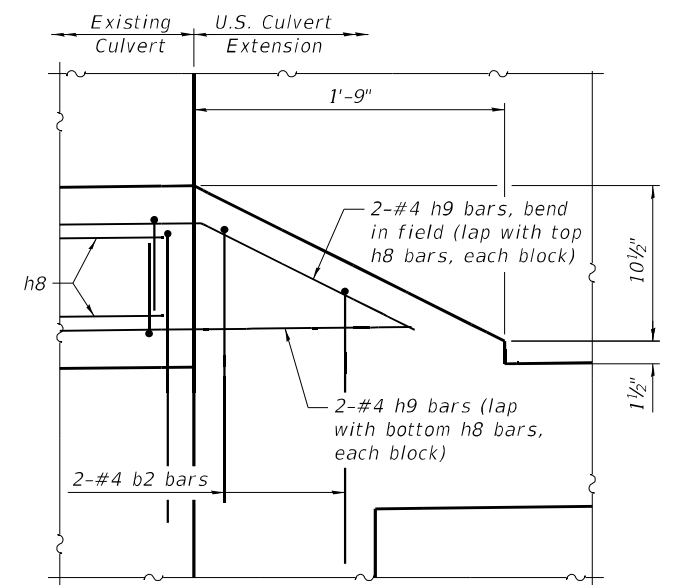


SECTION THRU EXISTING CULVERT

* Drill and grout b and b1 bars into wall and floor of existing culvert. See Section 584 of the Standard Specifications. Drilling and grouting bars included in cost of Reinforcement Bars.



SECTION THRU CORNER BLOCK



DETAIL B

(U.S. end only, liner omitted for clarity)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REPAIR DETAILS
STRUCTURE NO. 097-7054

SHEET 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	72
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				

* WHITE/GALLATIN

Benchmark: BM 7055; Chiseled "□" on center of east headwall of SN 097-7055; Elev. 376.137.

Existing Structure: SN 097-7053; The Structure is a single cell 6'x4.5' concrete box culvert 109' long and has been extended to the west with a 10.2' long 60" diameter steel pipe and a 74.65' long 60" diameter CMP for a total length of 193'-11" measured along the CL of the culvert. The existing box culvert is to remain but the steel pipe and CMP at the west end are to be removed. The upstream end of the culvert will be extended 13'-1" and the downstream end extended 20'-7" with a 6'x4.5' concrete box culvert. Traffic to be maintained on existing structure during construction of extensions.

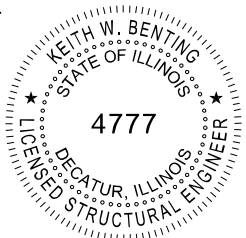
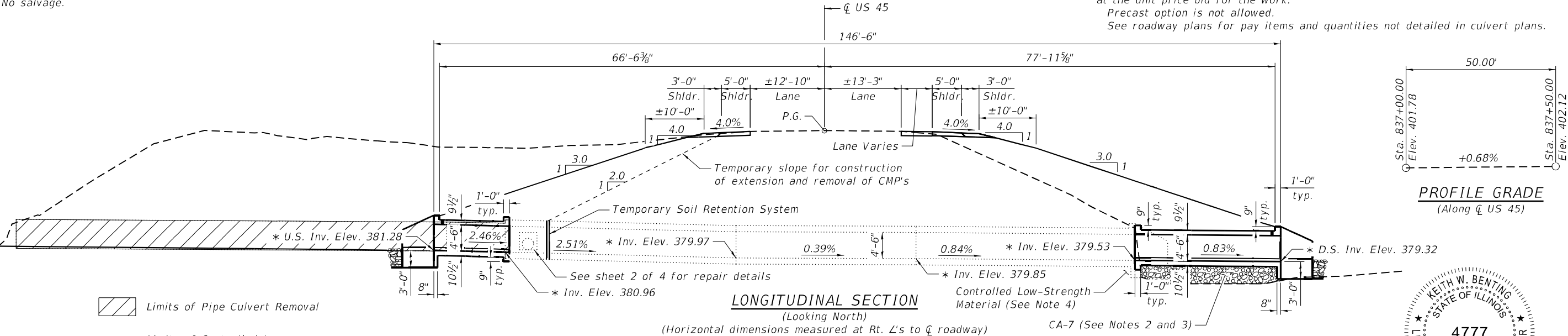
No salvage.

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2-3. Box Culvert Extension Details
- 4. Liner Details

GENERAL NOTES

The barrel extension shall be poured monolithically with the wingwall.
All construction joints shall be bonded.
Plan dimensions and details relative to 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 scope of the work, however, the Contractor will be paid for the quantity actually finished at the unit price bid for the work.
Precast option is not allowed.
See roadway plans for pay items and quantities not detailed in culvert plans.



Keith W. Benting

6/24/2024

Keith W. Benting, Illinois S.E. 081-004777
Expires 11/30/2026

TOTAL BILL OF MATERIAL -
SN 097-7053

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	90
Stone Riprap, Class A5	Sq. Yd.	22
Filter Fabric	Sq. Yd.	22
Pipe Culvert Removal	Foot	148
Reinforcement Bars	Pound	7,230
Temporary Soil Retention System	Sq. Ft.	72
Expansion Bolts 3/4 Inch	Each	32
Concrete Box Culverts	Cu. Yd.	38.5
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	9
Box Culvert Liner (Spray-Applied)	Sq. Ft.	2,126

GENERAL PLAN AND ELEVATION

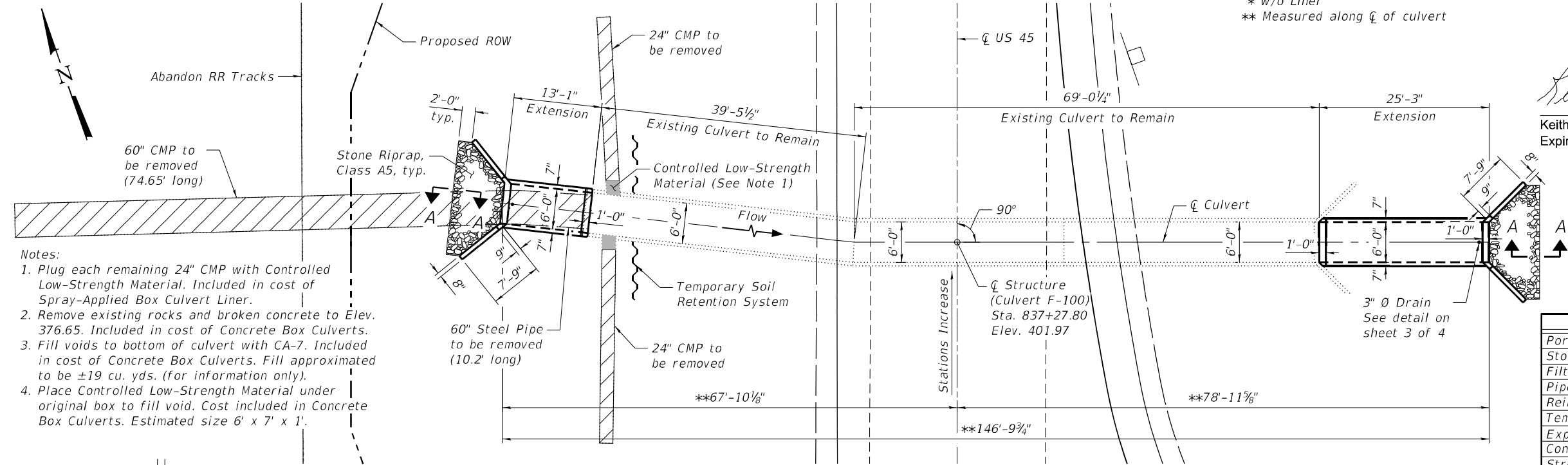
US 45 OVER CREEK

FAP 332 - SECTION (28,29,100,101-2)SR-1,N-1

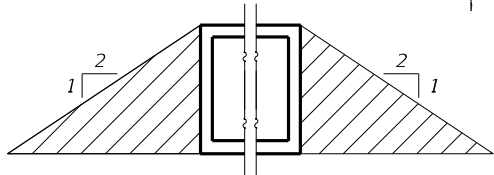
WHITE COUNTY

STATION 837+27.80

STRUCTURE NO. 097-7053



- Notes:
1. Plug each remaining 24" CMP with Controlled Low-Strength Material. Included in cost of Spray-Applied Box Culvert Liner.
 2. Remove existing rocks and broken concrete to Elev. 376.65. Included in cost of Concrete Box Culverts.
 3. Fill voids to bottom of culvert with CA-7. Included in cost of Concrete Box Culverts. Fill approximated to be ± 19 cu. yds. (for information only).
 4. Place Controlled Low-Strength Material under original box to fill void. Cost included in Concrete Box Culverts. Estimated size 6' x 7' x 1'.



LOADING HS-20

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

HYDRAULIC DATA

Drainage Area = 0.59 sq. mi.
Design Discharge = 173.4 cfs
Minimum Opening Required = 18.97 sq. ft.
Design Headwater Elevation = 387.49 ft.
100 Year Discharge = 220.6 cfs
100 Year Headwater Elevation = 389.58 ft.

DESIGN STRESSES

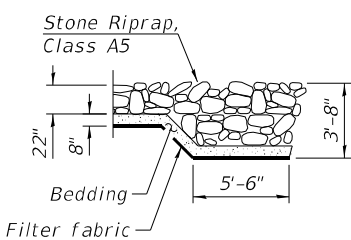
FIELD UNITS

f'_c = 3,500 psi
 f_y = 60,000 psi (Reinforcement)

DESIGN SPECIFICATIONS

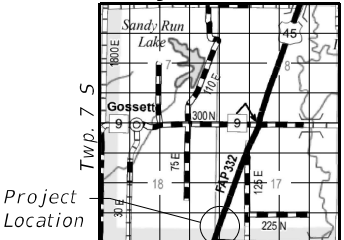
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

PLAN



SECTION A-A

Range 8 E, 3rd P.M.



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 097-7053

SHEET 1 OF 4 SHEETS

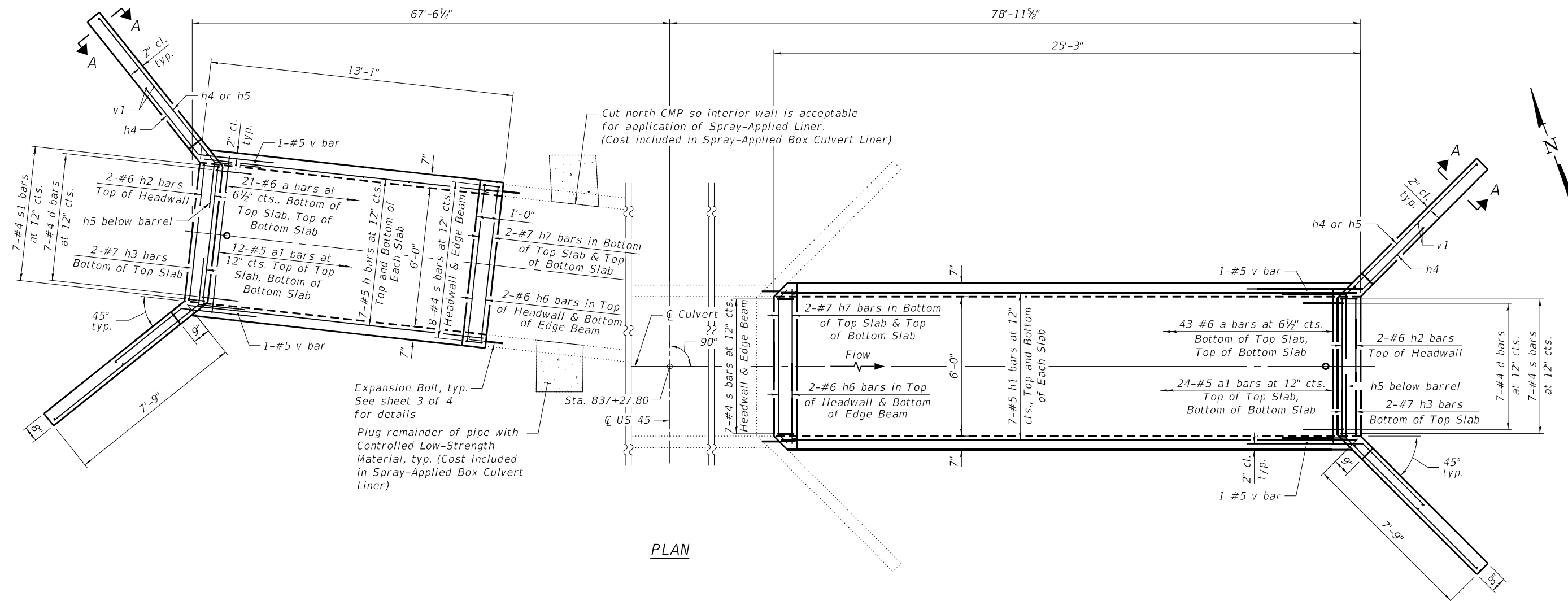
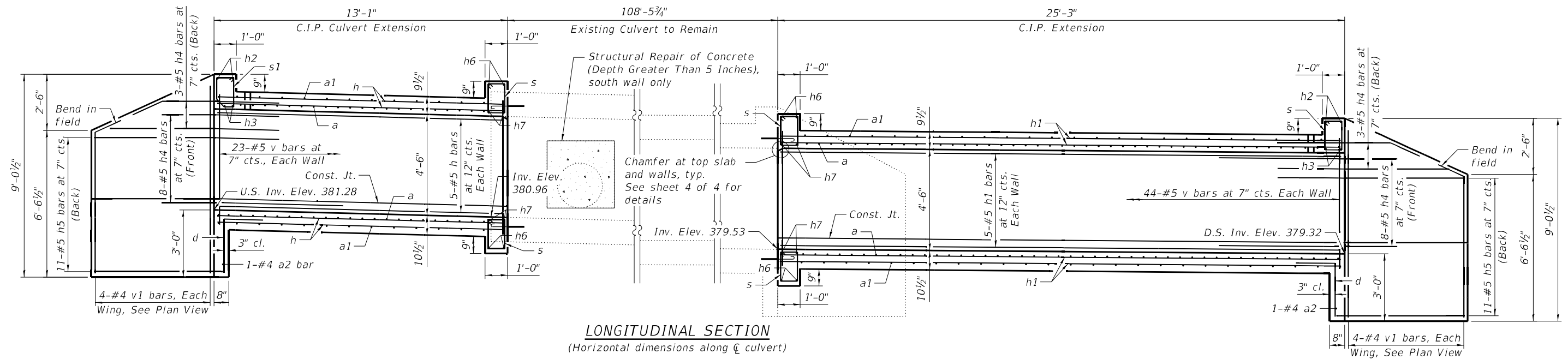


QUIGG ENGINEERING INC

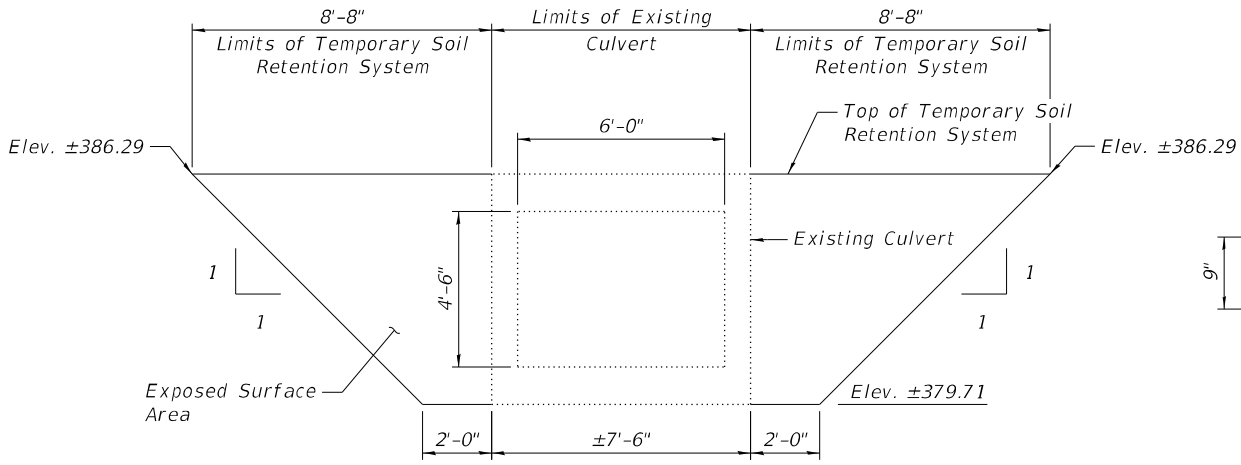
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PLOT DATE =		CHECKED -	MDC	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	73
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				
* WHITE/GALLATIN				

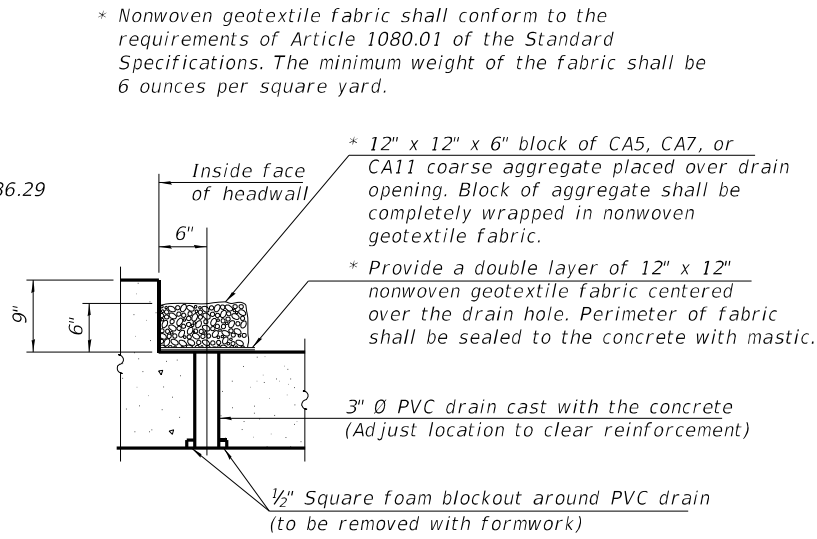


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2/28/2025 11:31:20 AM



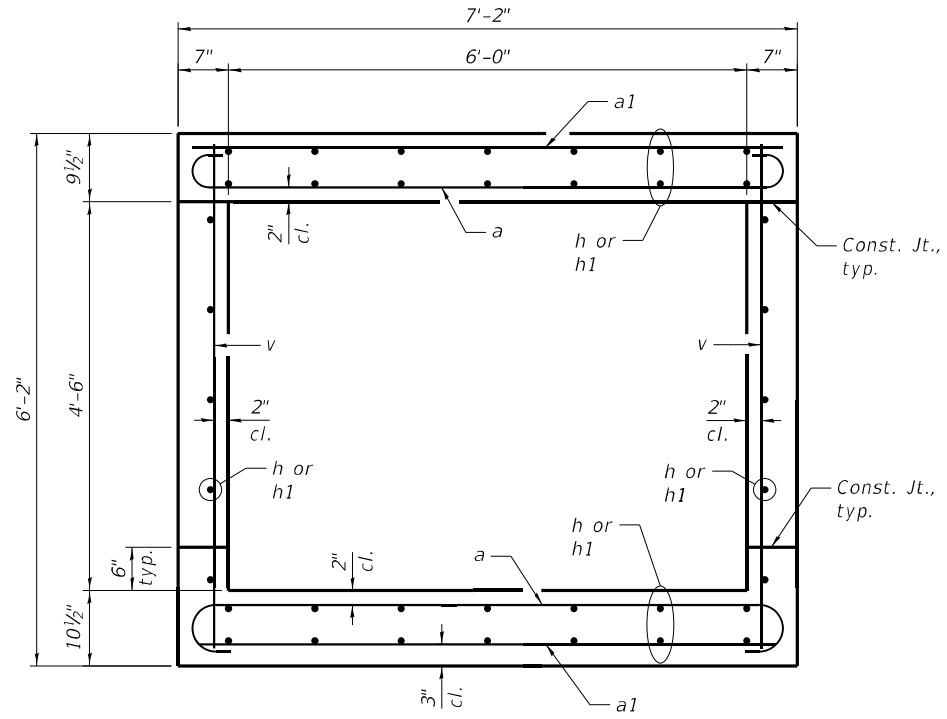
TEMPORARY SOIL RETENTION SYSTEM
(Looking East)

(The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.)



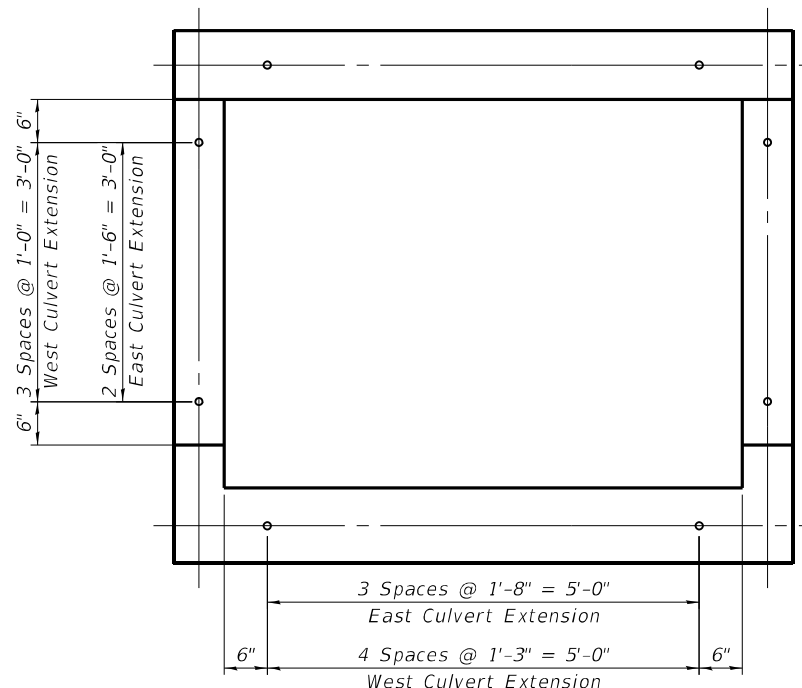
DRAIN DETAIL

(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.)



SECTION THRU BARREL

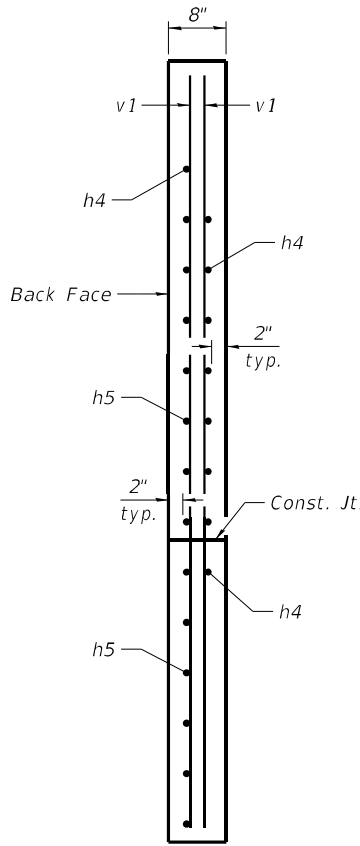
(See sheet 4 of 4 for culvert liner and chamfer details.)



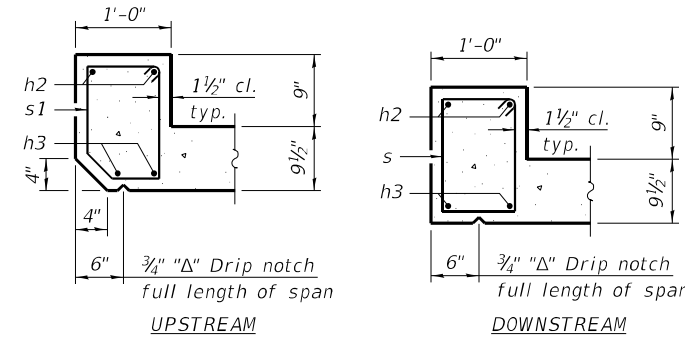
SECTION THRU BARREL

(Location of Expansion Bolts)

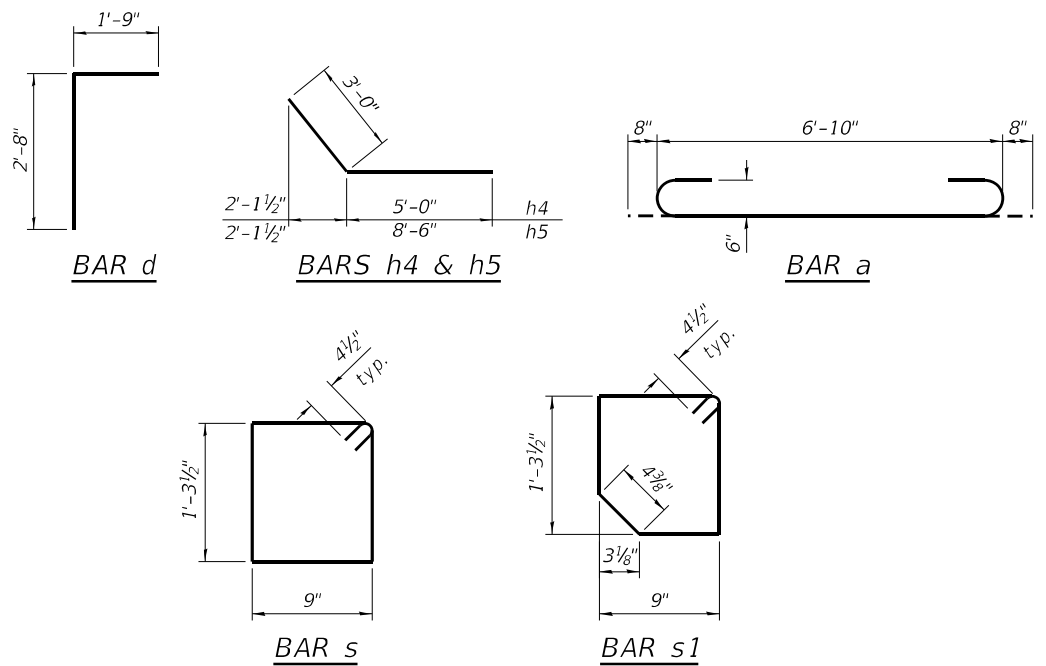
Notes:
Expansion bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
Liner omitted for clarity. See sheet 4 of 4 for details.



SECTION A-A



SECTION THRU HEADWALL



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	128	#6	8'-2"	
a1	72	#5	6'-10"	
a2	2	#4	6'-10"	
b	436	#4	1'-8"	
b1	218	#4	2'-0"	
b2	4	#4	3'-0"	
d	14	#4	4'-5"	
h	38	#5	12'-9"	
h1	38	#5	24'-9"	
h2	4	#6	5'-11"	
h3	4	#7	5'-11"	
h4	44	#5	8'-0"	
h5	44	#5	11'-6"	
h6	8	#6	6'-10"	
h7	8	#7	6'-10"	
h8	24	#4	37'-3"	
h9	8	#4	3'-4"	
s	37	#4	4'-10"	
s1	7	#4	4'-8"	
v	134	#5	5'-9"	
v1	16	#4	8'-7"	
Reinforcement Bars			Pound	7,230
Expansion Bolts			Each	32
Concrete Box Culverts			Cu. Yd.	38.5



QUIGG ENGINEERING INC

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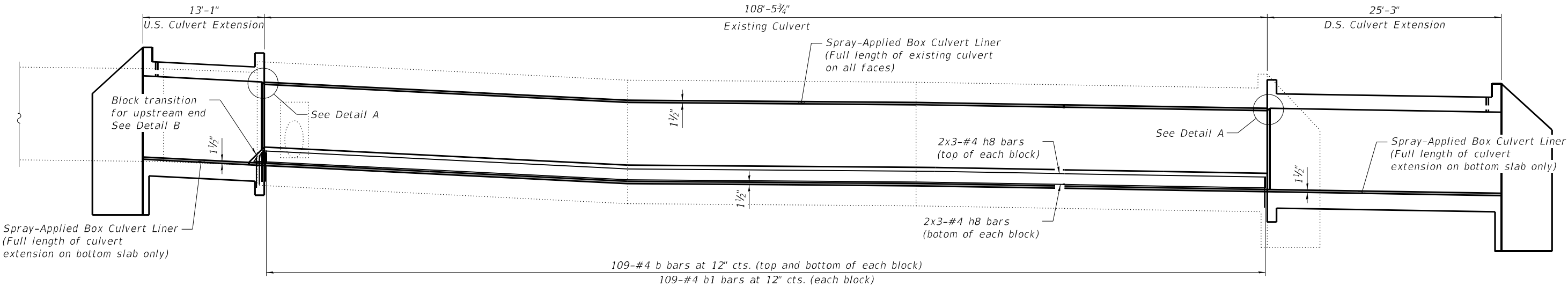
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT EXTENSION DETAILS
STRUCTURE NO. 097-7053

SHEET 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	75
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				
* WHITE/GALLATIN				

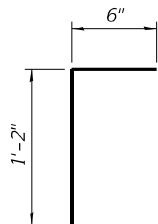
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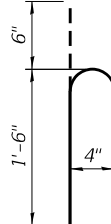
LONGITUDINAL SECTION
(Horizontal dimensions along centerline of culvert)

Notes:
Bars indicated thus, 2x3-#4 etc.
indicates 2 lines of bars with 3
segments per line.
See sheet 3 of 4 for bill of
material.

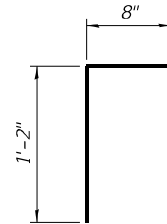
MINIMUM BAR LAP
#4 bar = 1'-9"



BAR b

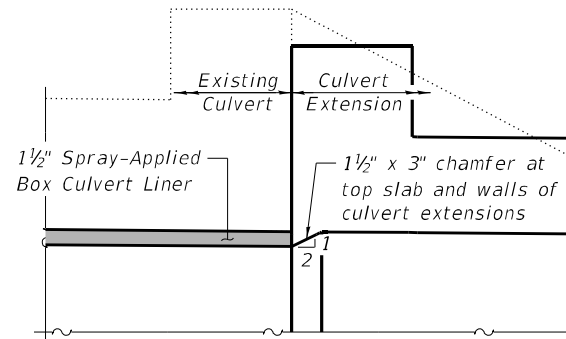


BAR b1

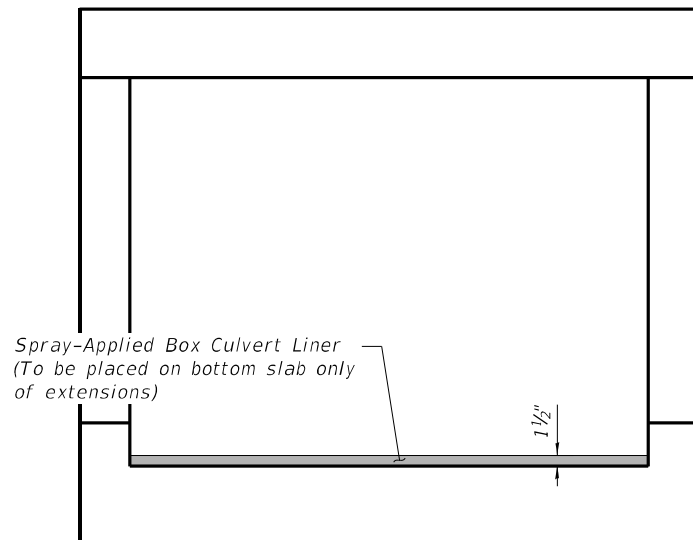


BAR b2

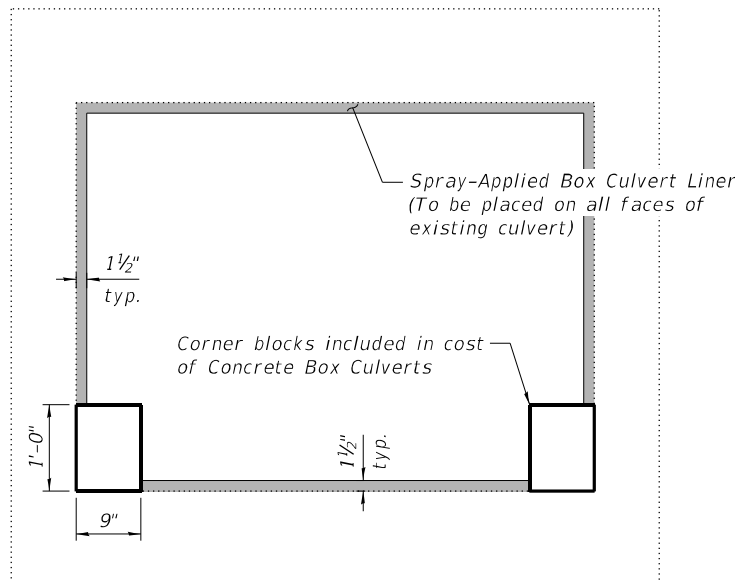
* Drill and grout b and b1 bars into wall
and floor of existing culvert. See Section
584 of the Standard Specifications.
Drilling and grouting bars included in
cost of Reinforcement Bars.



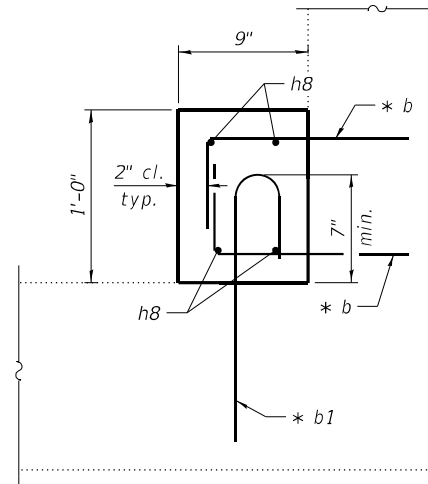
DETAIL A
(D.S. end shown, U.S. end similar)



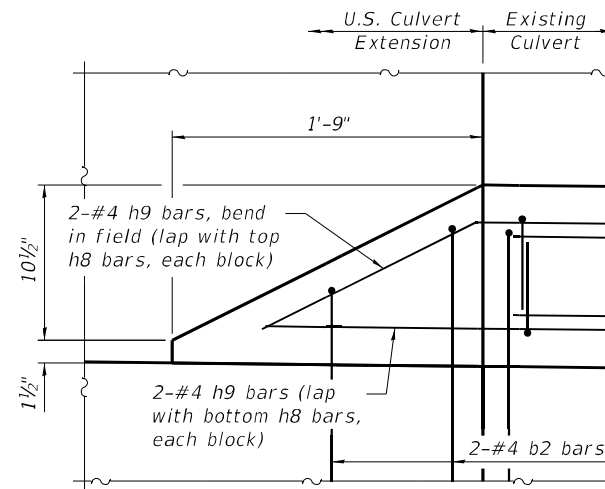
SECTION THRU CULVERT EXTENSION



SECTION THRU EXISTING CULVERT



SECTION THRU CORNER BLOCK



DETAIL B
(U.S. end only, liner omitted for clarity)



QUIGG ENGINEERING INC

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0977053-78789-004-RepairDetails.dgn
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PLOT DATE =

DESIGNED - KWB
CHECKED - ZLD
DRAWN - ZLD
CHECKED - MDC

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REPAIR DETAILS
STRUCTURE NO. 097-7053

SHEET 4 OF 4 SHEETS

F.A.P.
RTE.
332/877

SECTION
(28,29,100,101-2)SR-1,N-1

COUNTY

*

TOTAL
SHEETS

SHEET
NO.

165

76

CONTRACT NO. 78789

ILLINOIS FED. AID PROJECT

* WHITE/GALLATIN

Benchmark: BM 7055; Chiseled "□" on center of east headwall of SN 097-7055; Elev. 376.137.

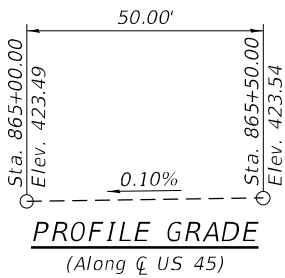
Existing Structure: The structure is a 48" diameter reinforced concrete pipe culvert with cast in place wingwalls. The total length of the structure is approximately 128'-0" out-to-out headwalls. The existing structure is to remain and will be extended with a 48" diameter reinforced concrete pipe culvert at each end. Traffic to be maintained on existing structure during construction of extension.

No salvage.

INDEX OF SHEETS

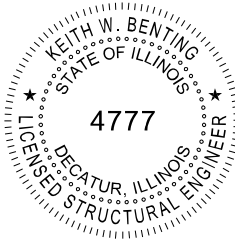
1. General Plan and Elevation
2. Extension Details

Note:
Fill voids to bottom of culvert with CA-7.
Included in cost of Pipe Culverts. Fill approximated to be ±1 cu. yd. (for information only).



GENERAL NOTES

Plan dimensions and details relative to 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 scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
See roadway plans for pay items and quantities not detailed in culvert plans.

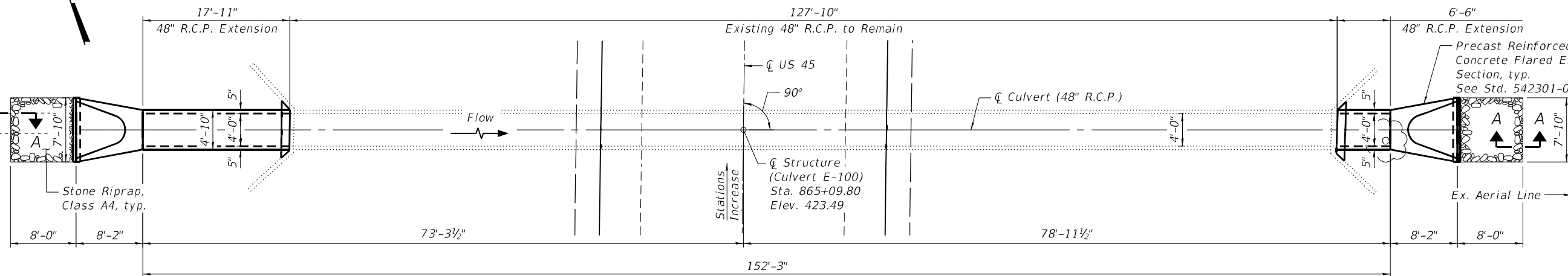
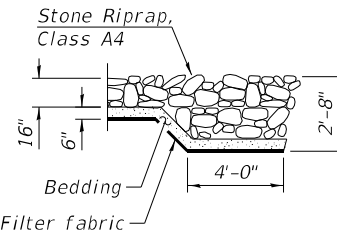
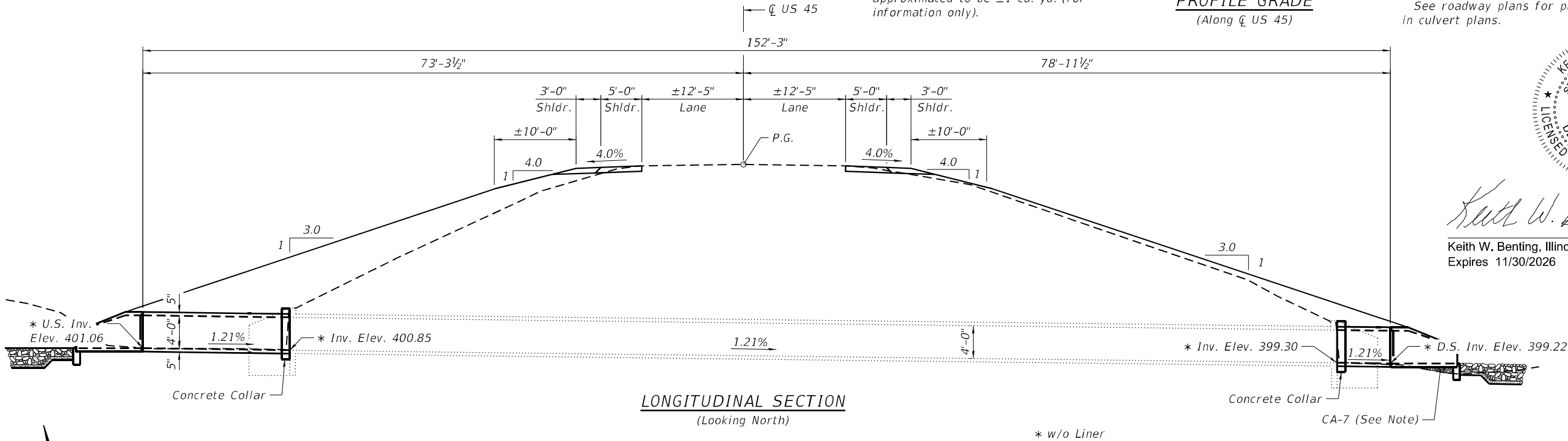


Keith W. Benting

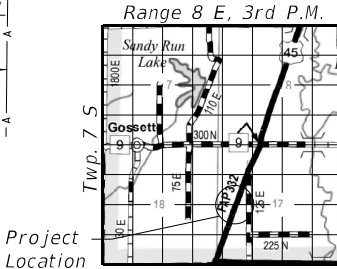
Keith W. Benting, Illinois S.E. 081-004777
Expires 11/30/2026

3/14/2024

Date



SECTION A-A



LOCATION SKETCH

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

LOADING HS-20

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

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

HYDRAULIC DATA

Drainage Area = 0.15 sq. mi.
Design Discharge = 73.7 cfs
Minimum Opening Required = 9.62 sq. ft.
Design Headwater Elevation = 405.64 ft.
100 Year Discharge = 93.6 cfs
100 Year Headwater Elevation = 407.03 ft.

TOTAL BILL OF MATERIAL - CULVERT E-100

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	41
Stone Riprap, Class A4	Sq. Yd.	14
Filter Fabric	Sq. Yd.	14
Reinforcement Bars	Pound	70
Expansion Bolts 3/4 Inch	Each	24
Pipe Culverts, Class A, Type 4 48"	Foot	25
Precast Reinforced Concrete Flared End Sections 48"	Each	2
Concrete Collar	Cu. Yd.	1.5
Insertion Culvert Liner 48"	Foot	153

GENERAL PLAN AND ELEVATION

US 45 OVER CREEK

FAP 332 - SECTION (28,29,100,101-2)SR-1,N-1

WHITE COUNTY

STATION 865+09.80

CULVERT E-100



QUIGG ENGINEERING INC

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PLOT DATE =

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CHECKED - ZLD
DRAWN - ZLD
CHECKED - MDC

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
CULVERT E-100

SHEET 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	77
CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				

* WHITE/GALLATIN

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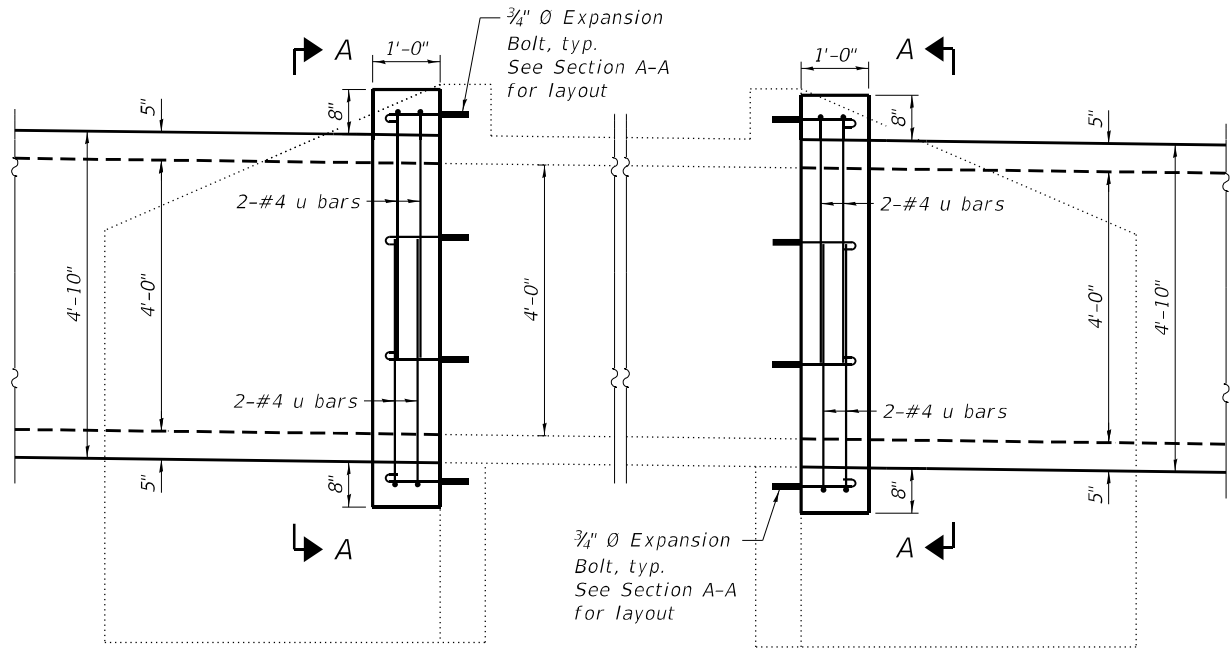
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXTENSION DETAILS
CULVERT E-100

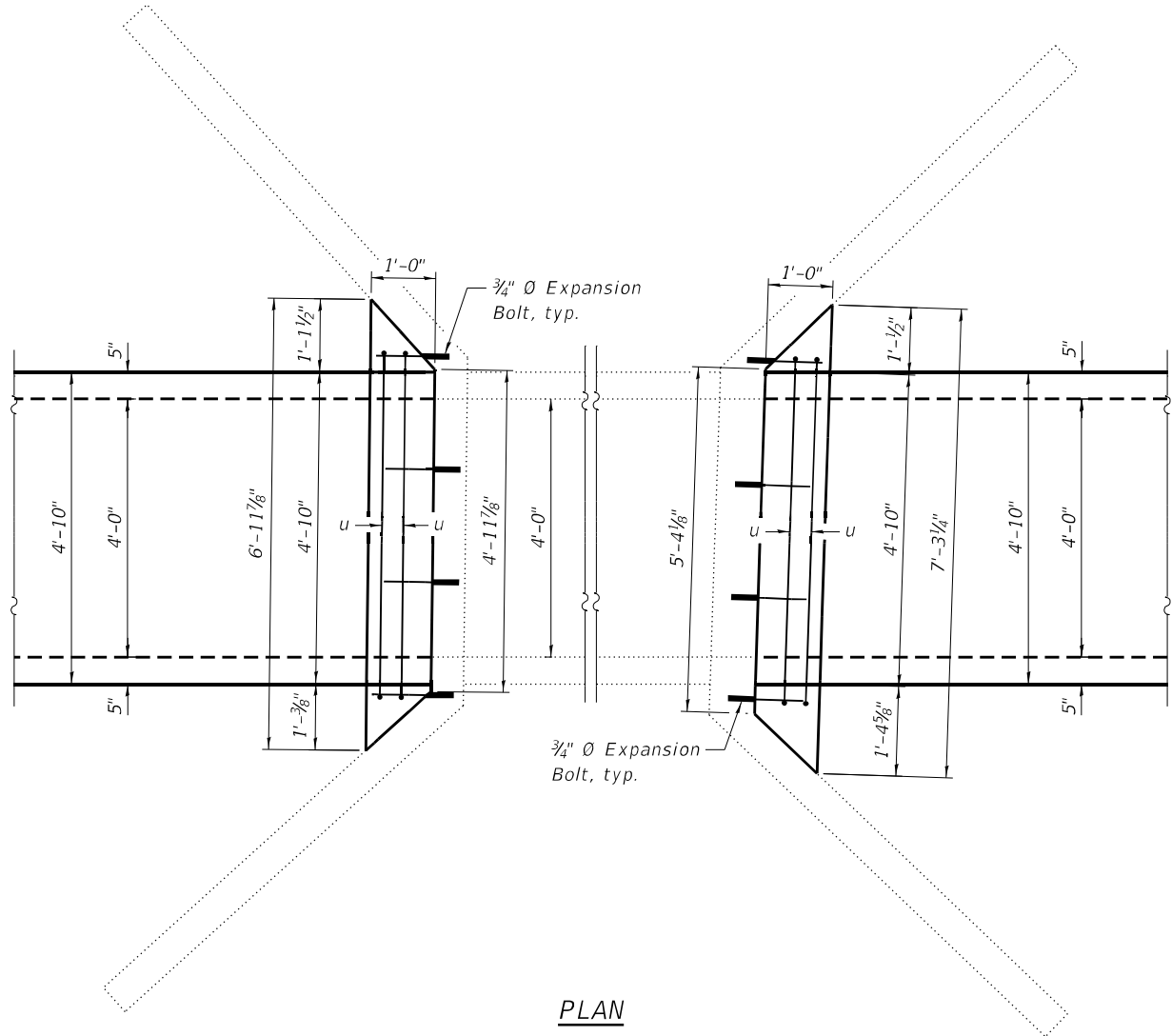
SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78789				
ILLINOIS		FED. AID PROJECT		

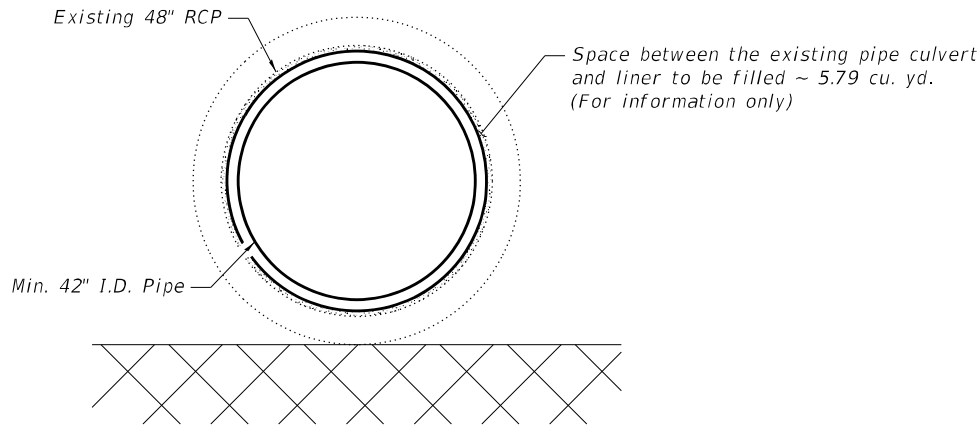
* WHITE/GALLATIN



ELEVATION

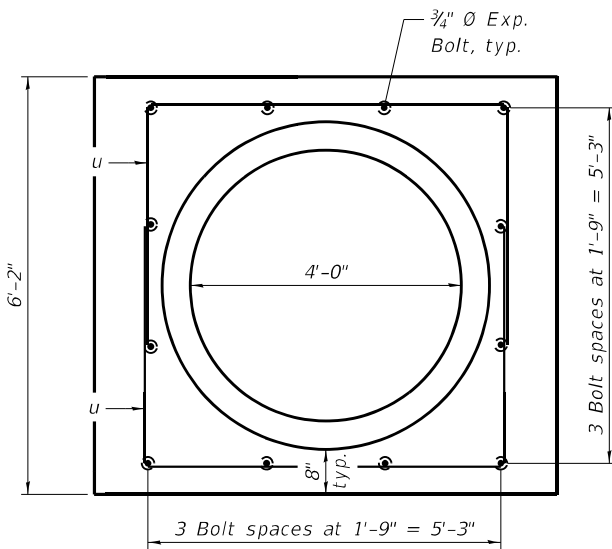


PLAN

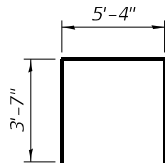


INSERTION LINER DETAIL

Notes:
Min. 42" I.D. pipe with smooth interior shall be inserted into existing 48" pipe culvert as shown in detail.
Insertion Culvert Liner shall be extended along entire length of RCP extensions.
This work will be paid for at the contract unit per foot for Insertion Culvert Liner 48".



SECTION A-A



BAR u

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
u	8	#4	12'-6"	□
Item			Unit	Total
Reinforcement Bars			Pound	70
Expansion Bolts 3/4 Inch			Each	24
Concrete Collar			Cu. Yd.	1.5

Benchmark: BM 7055; Chiseled "□" on center of east headwall of SN 097-7055; Elev. 376.137.

Existing Structure: The structure is a single 2'x2' concrete box culvert with a drop structure at the upstream end. The total length of the structure is approximately 55'-1" out-to-out headwalls. The existing structure is to remain and will be extended. A liner is to be installed. Traffic to be maintained on existing structure during construction of extension.

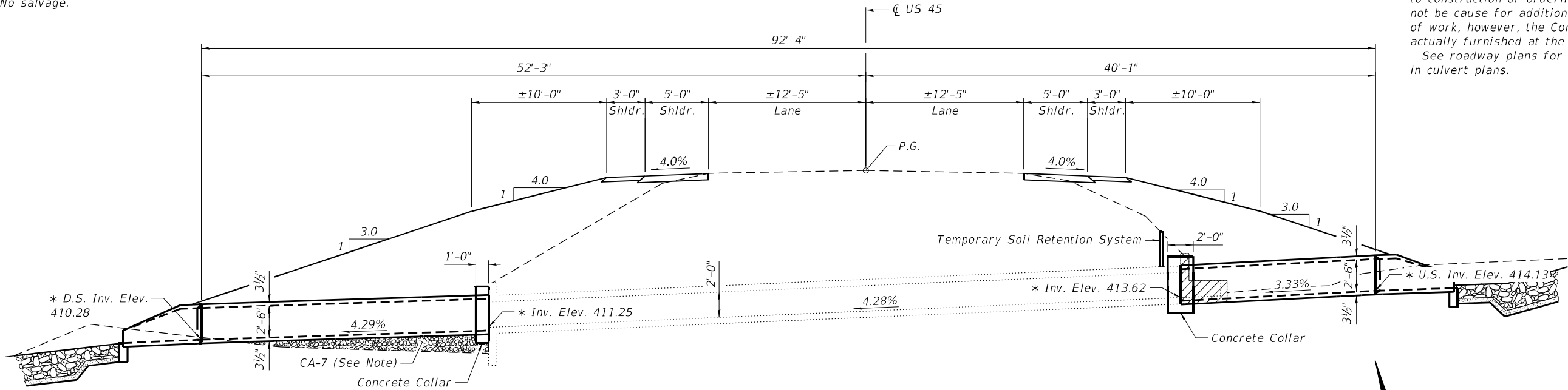
No salvage.

INDEX OF SHEETS

1. General Plan and Elevation
2. Extension Details

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary apaproved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
See roadway plans for pay items and quantities not detailed in culvert plans.

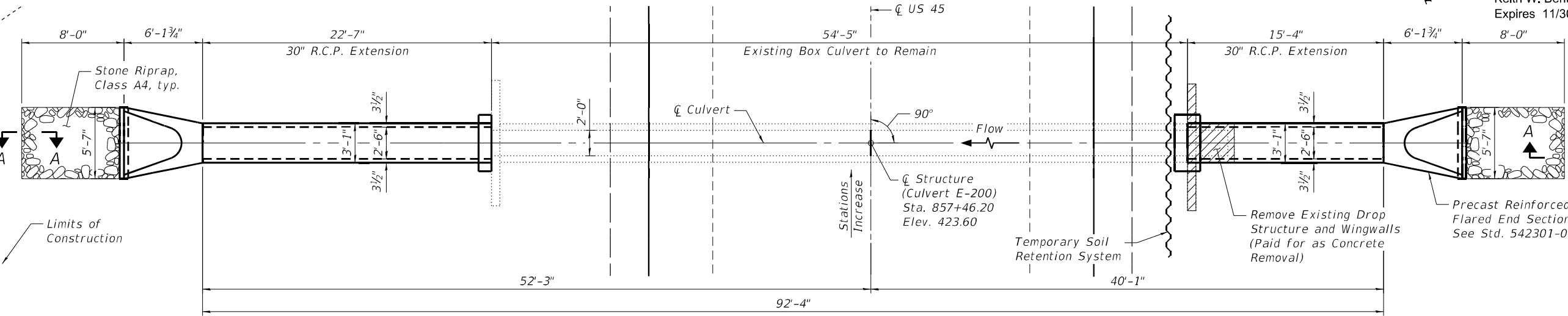


Note:
Fill voids to bottom of culvert with CA-7.
Included in cost of Pipe Culverts. Fill approximated to be ±7 cu. yds. (for information only).

* w/o Liner

LONGITUDINAL SECTION
(Looking North)

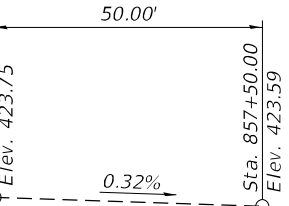
Limits of Concrete Removal



PLAN

TOTAL BILL OF MATERIAL - CULVERT E-200

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	32
Stone Riprap, Class A4	Sq. Yd.	10
Filter Fabric	Sq. Yd.	10
Concrete Removal	Cu. Yd.	1.3
Reinforcement Bars	Pound	100
Temporary Soil Retention System	Sq. Ft.	70
Expansion Bolts 3/4 Inch	Each	12
Pipe Culverts, Class A, Type 3 30"	Foot	38
Precast Reinforced Concrete Flared End Sections 30"	Each	2
Concrete Collar	Cu. Yd.	1.3
Insertion Culvert Liner 24"	Foot	93



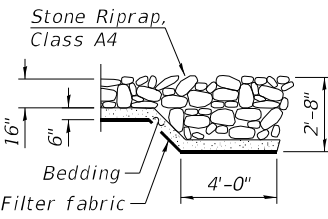
PROFILE GRADE
(Along CL US 45)



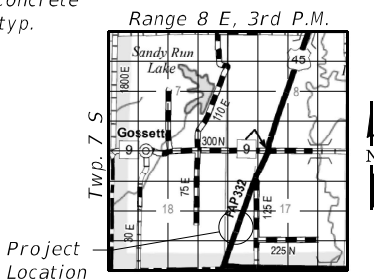
Keith W. Bunting
Keith W. Bunting, Illinois S.E. 081-004777
Expires 11/30/2026

3/14/2024

Date



SECTION A-A



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

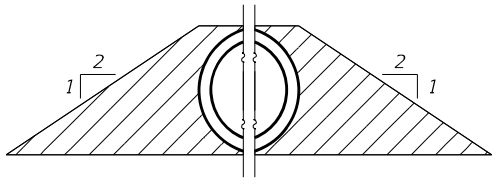
US 45 OVER CREEK

FAP 332 - SECTION (28,29,100,101-2)SR-1,N-1

WHITE COUNTY

STATION 857+46.20

CULVERT E-200



PAY LIMITS FOR POROUS
GRANULAR EMBANKMENT

(Hatched area)
(Along Culvert Extensions)

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

LOADING HS-20

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

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

HYDRAULIC DATA

Drainage Area = 0.01 sq. mi.
Design Discharge = 17.1 cfs
Minimum Opening Required = 2.64 sq. ft.
Design Headwater Elevation = 416.98 ft.
100 Year Discharge = 20.0 cfs
100 Year Headwater Elevation = 417.59 ft.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
CULVERT E-200

SHEET 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/877	(28,29,100,101-2)SR-1,N-1	*	165	79
CONTRACT NO. 78789				

ILLINOIS FED. AID PROJECT
* WHITE/GALLATIN

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QUIGG ENGINEERING INC

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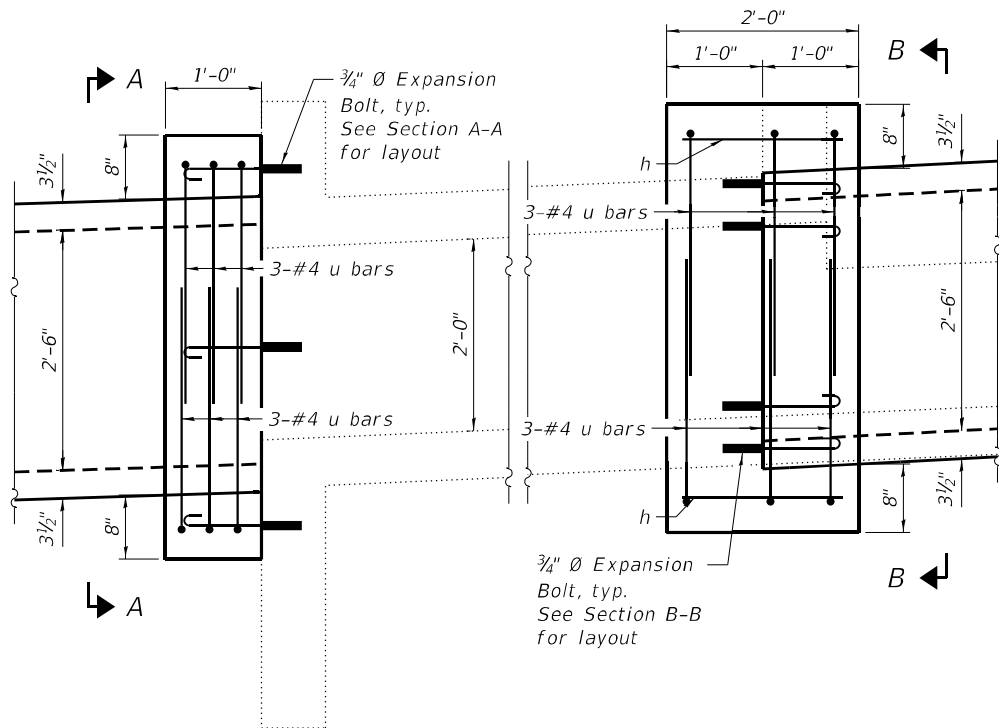
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXTENSION DETAILS
CULVERT E-200

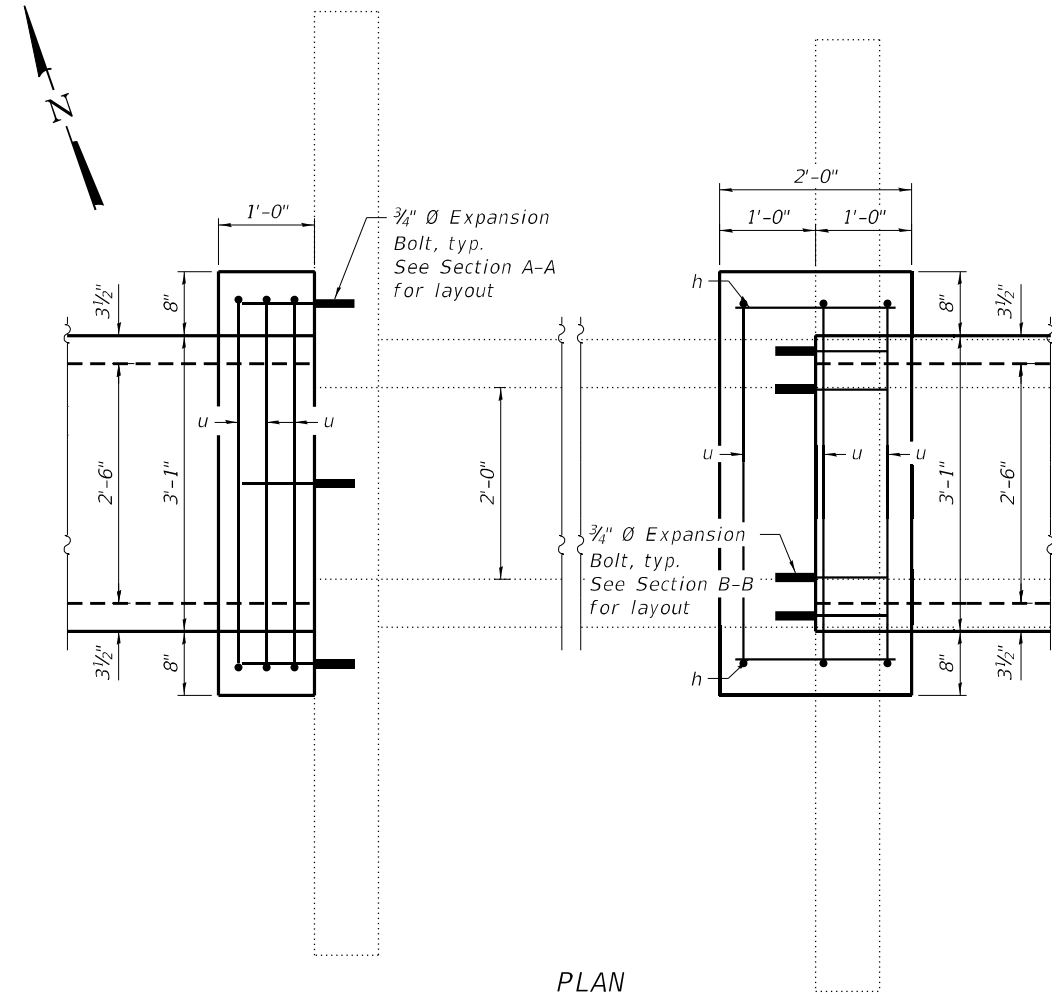
SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78789				
ILLINOIS FED. AID PROJECT				

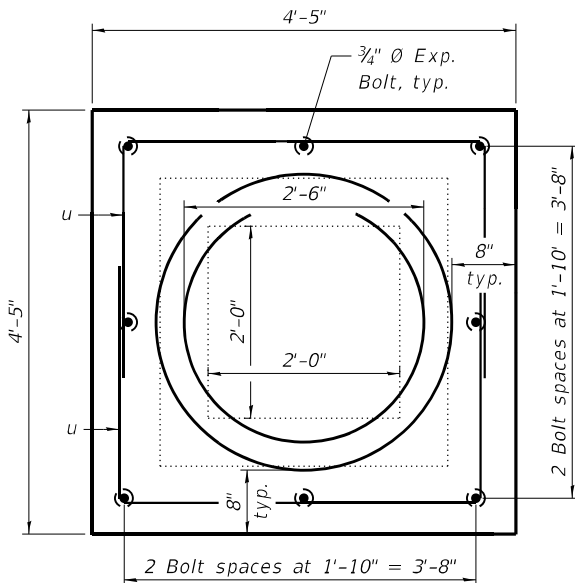
* WHITE/GALLATIN



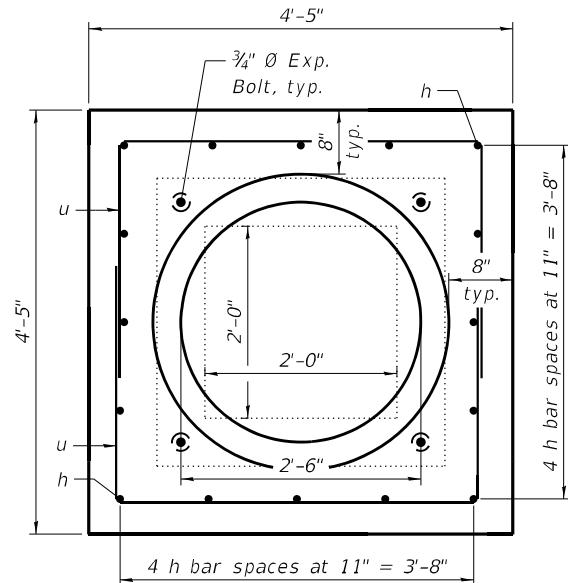
ELEVATION



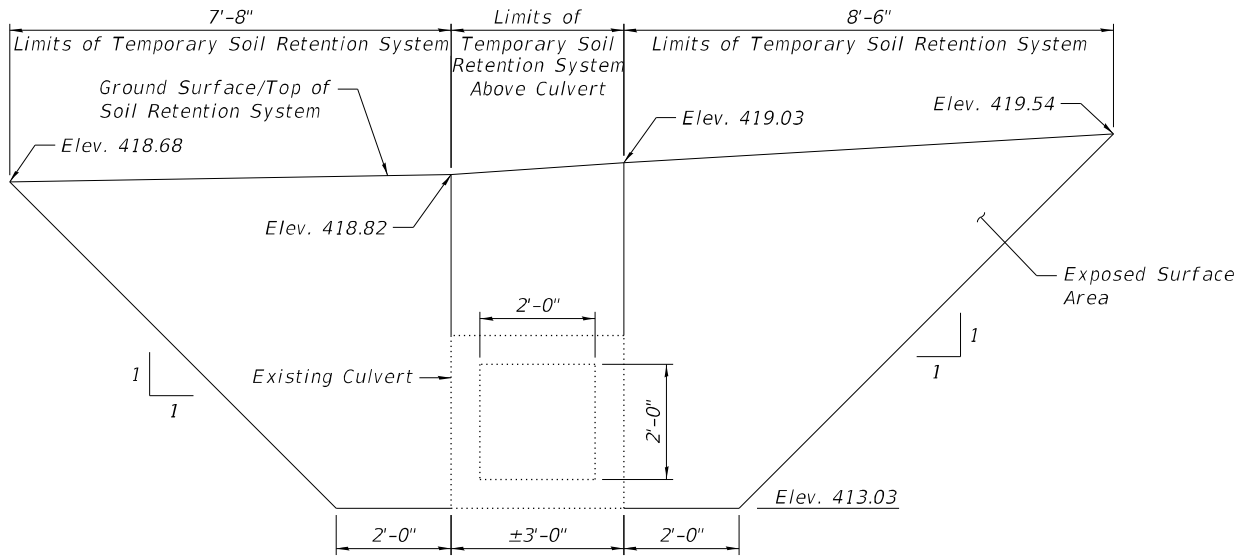
PLAN



SECTION A-A



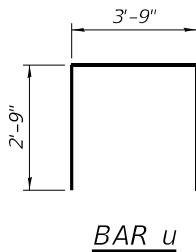
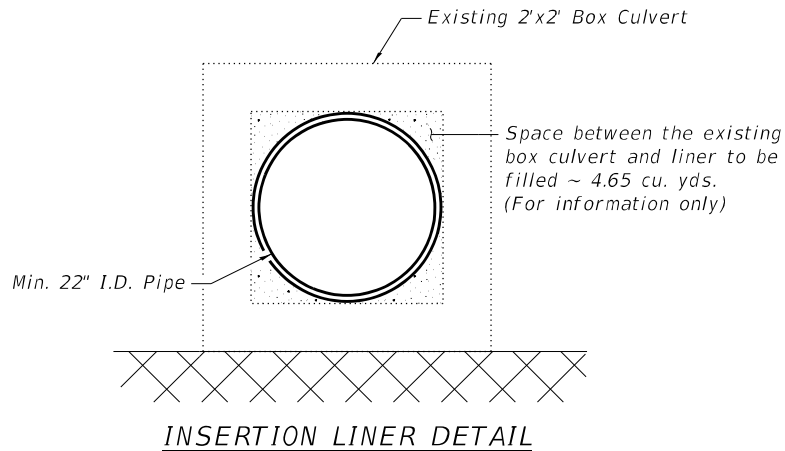
SECTION B-B



TEMPORARY SOIL RETENTION SYSTEM

(Looking West)

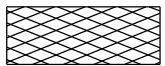
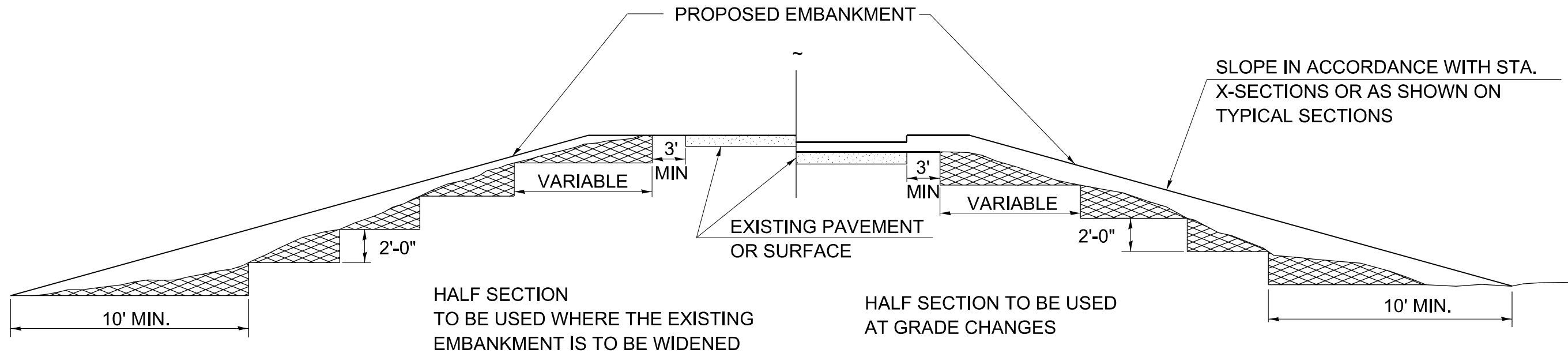
(The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.)



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	16	#4	1'-8"	—
u	12	#4	9'-3"	⌌
Item			Unit	Total
Reinforcement Bars			Pound	100
Expansion Bolts 3/4 Inch			Each	12
Concrete Collar			Cu. Yd.	1.3

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

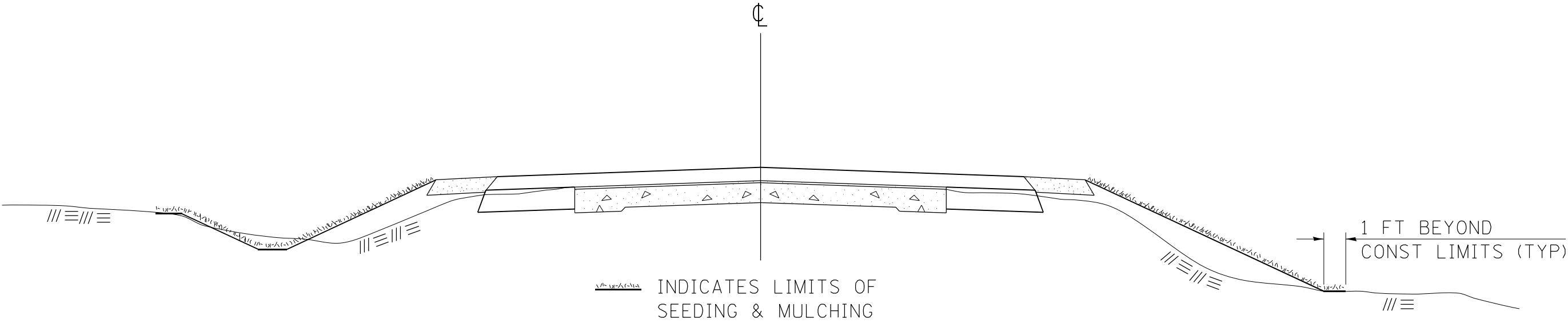
STD. 9-25

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		DRAWN -	REVISED -						**	(28,29,100,101-2)SR-1,N-1	*	165	81
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	PLOT DATE = 3/20/2025	DATE - 3/20/2025	REVISED -		SCALE: N.T.S.	SHEET 1 OF 5 SHEETS	STA. TO STA.						
									ILLINOIS	FED. AID PROJECT			

* WHITE/ GALLATIN

MODEL: Default
FILE NAME: Z:\20063.18 US 45\DGN\Design\Final\CAD Sheets\075-079-D978789-Details.dgn

SEEDING & MULCHING



GENERAL NOTES

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

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

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

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

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08

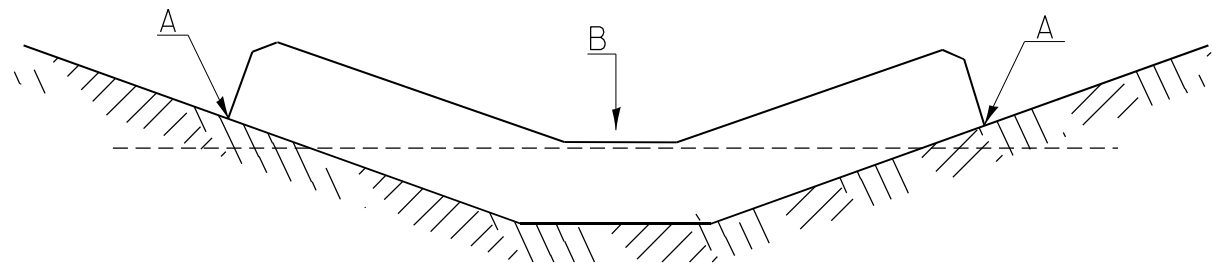
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		DRAWN -	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	82
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	PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -						ILLINOIS FED. AID PROJECT					

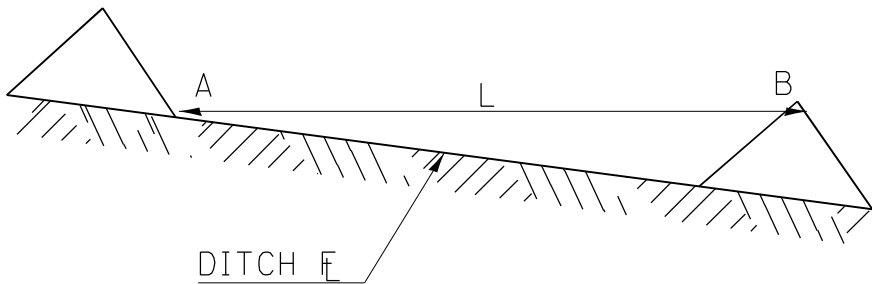
TEMPORARY DITCH CHECKS

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

REVISIONS

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

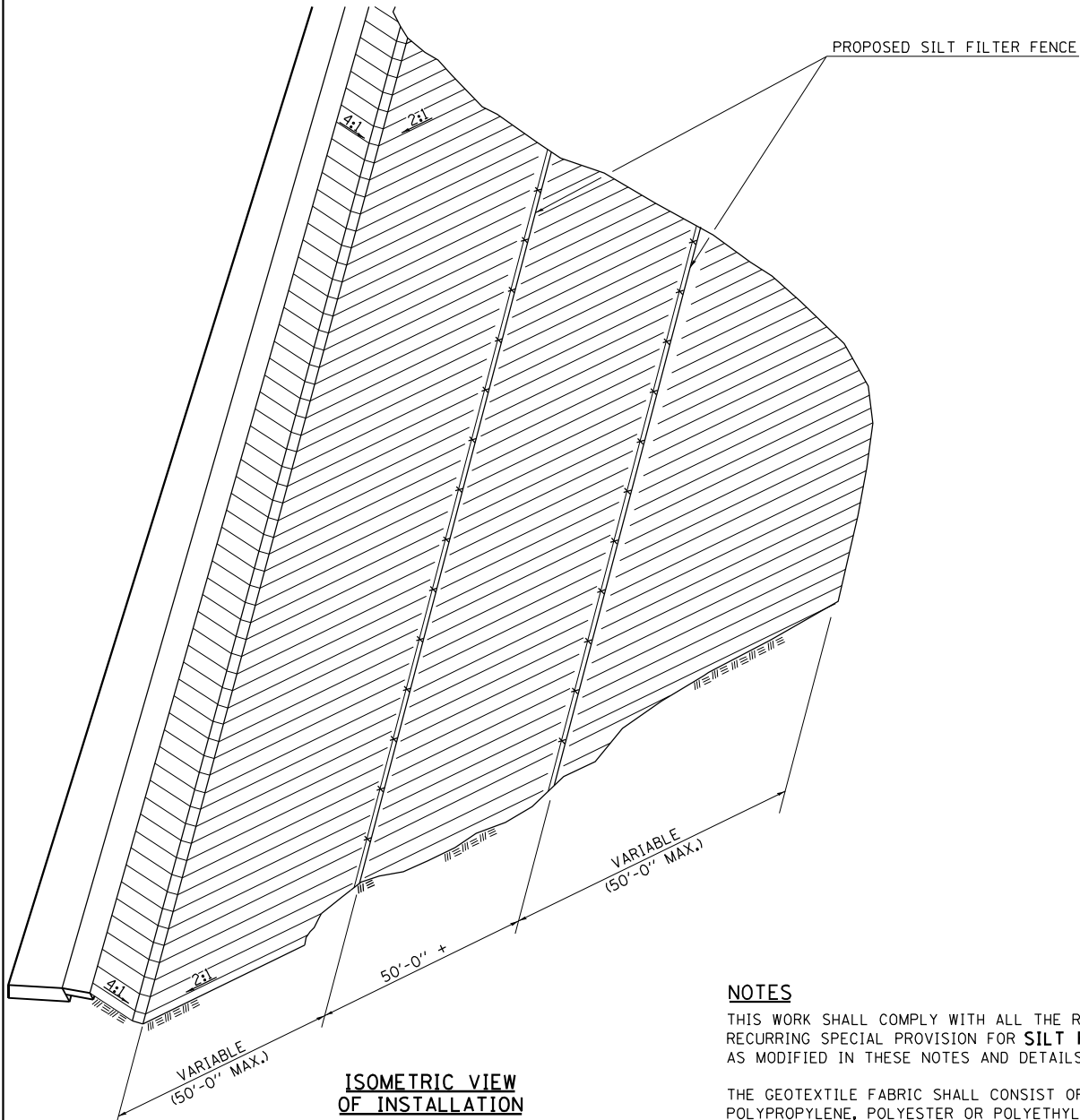
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		DRAWN -	REVISED -							**	(28,29,100,101-2)SR-1,N-1	*	165	83
	PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -		** 332 / 877					CONTRACT NO. 78789				
	PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -		SCALE: N.T.S.	SHEET 3	OF 5	SHEETS	STA.	TO STA.				

* WHITE/ GALLATIN

DETAIL OF SILT FILTER FENCE



NOTES

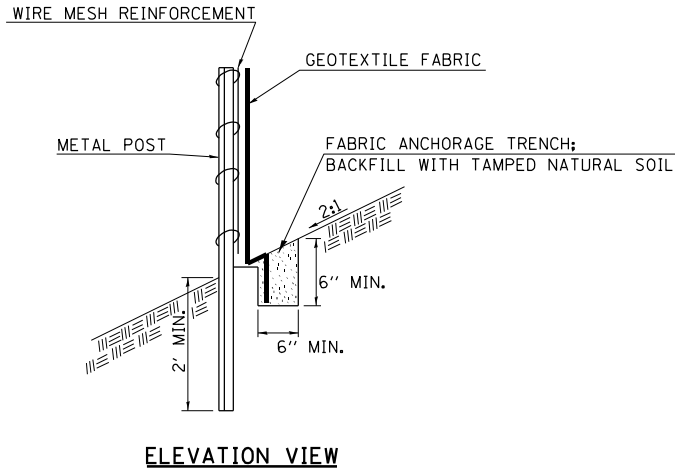
THIS WORK SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE
RECURRING SPECIAL PROVISION FOR **SILT FILTER FENCE**, EXCEPT
AS MODIFIED IN THESE NOTES AND DETAILS.

THE GEOTEXTILE FABRIC SHALL CONSIST OF WOVEN FILAMENTS OF POLYPROPYLENE, POLYESTER OR POLYETHYLENE. NEEDLE PUNCHED, HEAT-BONDED OR RESIN BONDED FABRIC WILL NOT BE PERMITTED.

THE WIRE MESH REINFORCEMENT SHALL BE A MINIMUM OF 36" IN HEIGHT, HAVE A MINIMUM WIRE SIZE OF .14 GAGE AND A MAXIMUM WIRE SPACING OF SIX INCHES. WOVEN WIRE FENCING MAY BE USED PROVIDED IT MEETS THESE REQUIREMENTS.

THE WIRE MESH REINFORCEMENT SHALL BE ATTACHED TO THE STEEL POST WITH TIE WIRES. THE GEOTEXTILE FABRIC SHALL BE ATTACHED TO THE WIRE MESH REINFORCEMENT WITH HOG RINGS. THE STEEL POSTS SHALL BE A MINIMUM OF 6' LONG AND SHALL BE PLACED ON 10' CENTERS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR **PERIMETER EROSION BARRIER AND FENCE**, AS MEASURED (**EROSION CONTROL**) IN PLACE. THE UNIT PRICE SHALL INCLUDE THE COST OF ALL MATERIAL, EQUIPMENT AND LABOR TO CONSTRUCT THE FENCE AS DESCRIBED.



STD. 9-4

REVISIONS	
REDRAWN	2-15-89
REVISED	8-18-94
REVISED	10-3-94
REVISED	12-17-01
RESIZED	5-7-08

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	DRAWN -	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: N.T.S.	SHEET	4	OF	5	SHEETS	STA.	TO STA.
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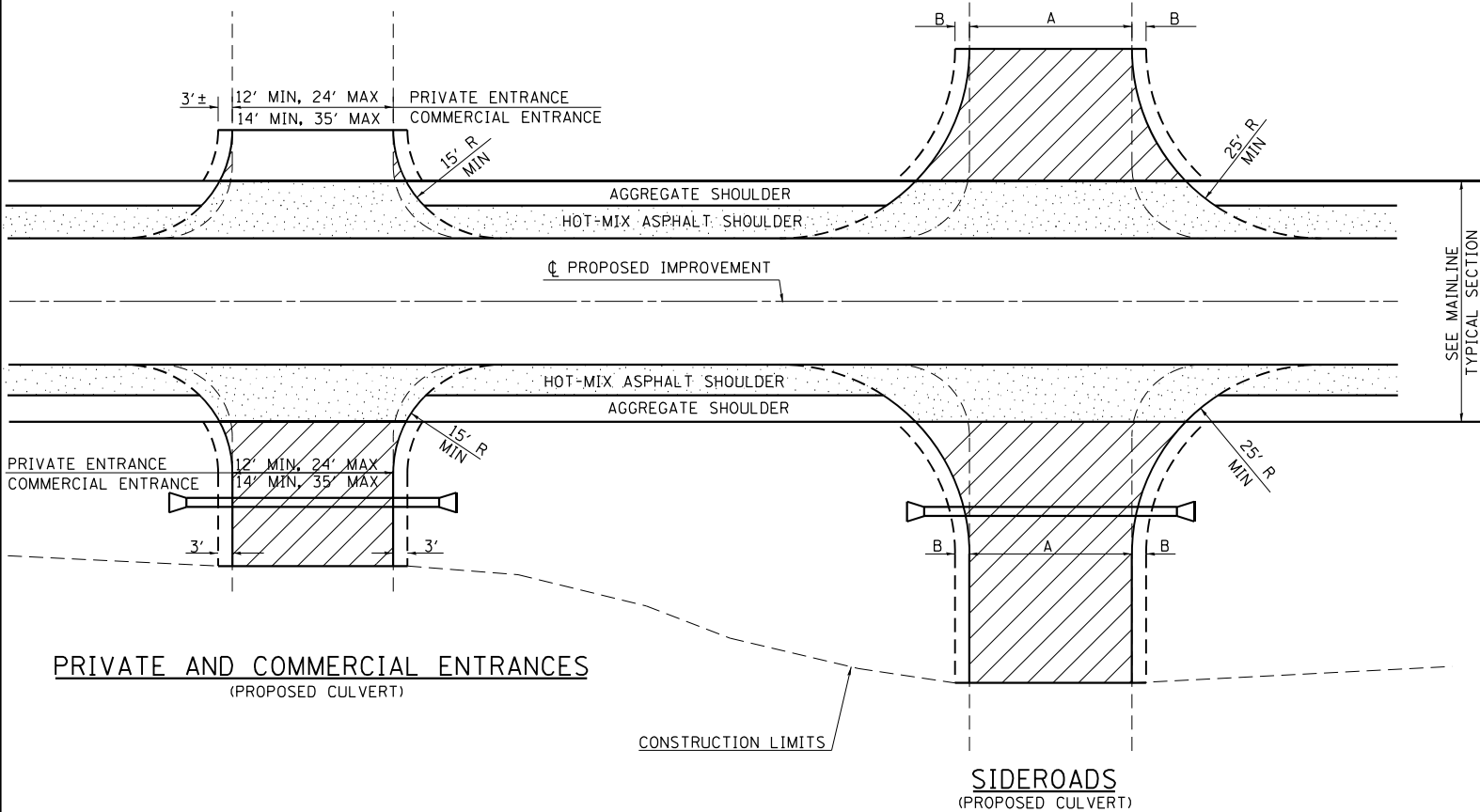
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**	(28,29,100,101-2)SR-1,N-1	*	165	84
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

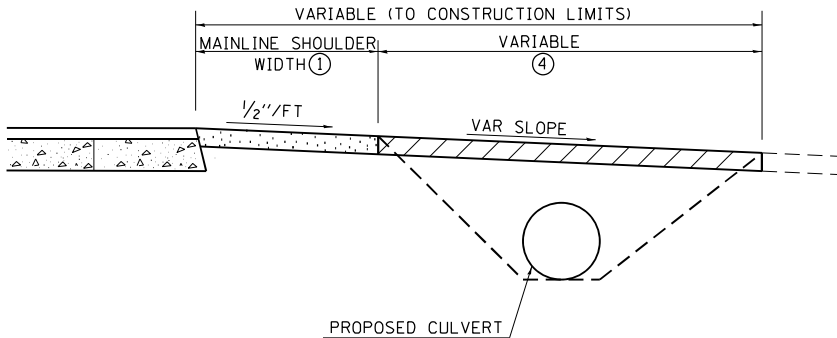
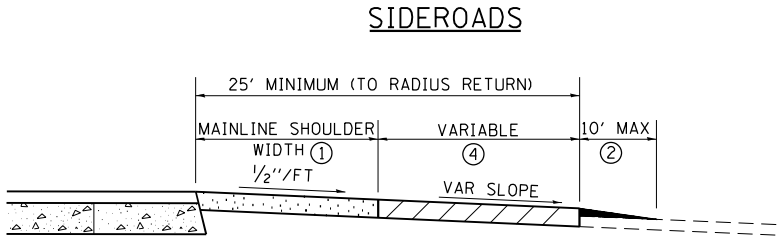
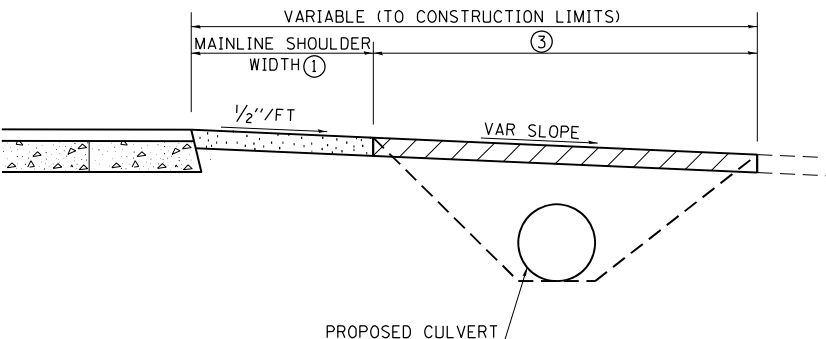
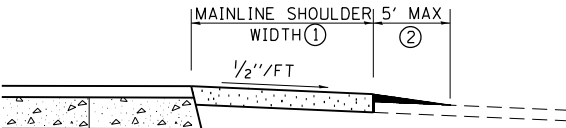
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RURAL SIDE APPROACH DETAILS

PRIVATE AND COMMERCIAL ENTRANCES



SIDEROADS

SIDEROAD DIMENSIONS (MIN.)

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

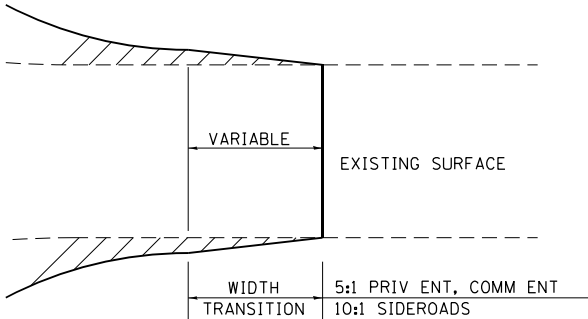
FIELD ENTRANCE TREATMENT

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

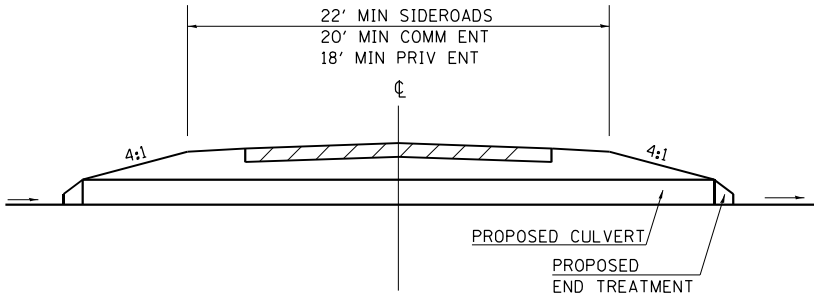
IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

WIDTH TRANSITION DETAIL TO EXISTING

(IF APPLICABLE)



DETAIL FOR CALCULATING CULVERT LENGTH



LEGEND

- ① CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- ② IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.
- ③ 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.
- ④ 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

GENERAL NOTES

1. ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
2. IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' WIDE EMBANKMENT).
3. SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
4. ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
5. THE INTERSECTION RADII OF SIDEROADS CONSTRUCTED TO FULL POLICY STANDARDS SHOULD COMPLY WITH THAT NOTED IN THE BUREAU OF LOCAL ROADS ADMINISTRATIVE POLICIES MANUAL (5-8-13).

REVISIONS	
DRAWN	3-15-91
REVISED	10-02-91
REVISED	5-15-92
REVISED	1-20-00
REVISED	01-11-07
RESIZED	5-7-08

STD. 9-83

USER NAME = ZWaters	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/28/2025	DATE = 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: N.T.S.	SHEET 5 OF 5 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	85
** 332 / 877		CONTRACT NO. 78789		
	ILLINOIS	FED. AID PROJECT		

* WHITE/ GALLATIN

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ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

MODEL XS-N-10
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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20,0000' * / in.
PLOT DATE = 2/28/2025

DESIGNED - AEH
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
REVISED -
REVISED -
REVISED -

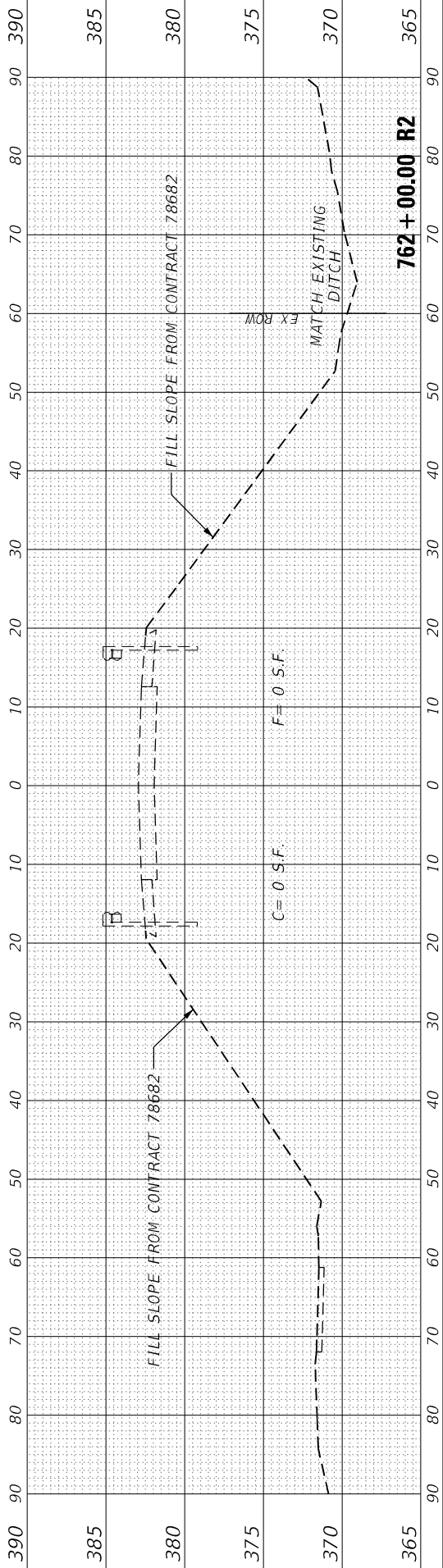
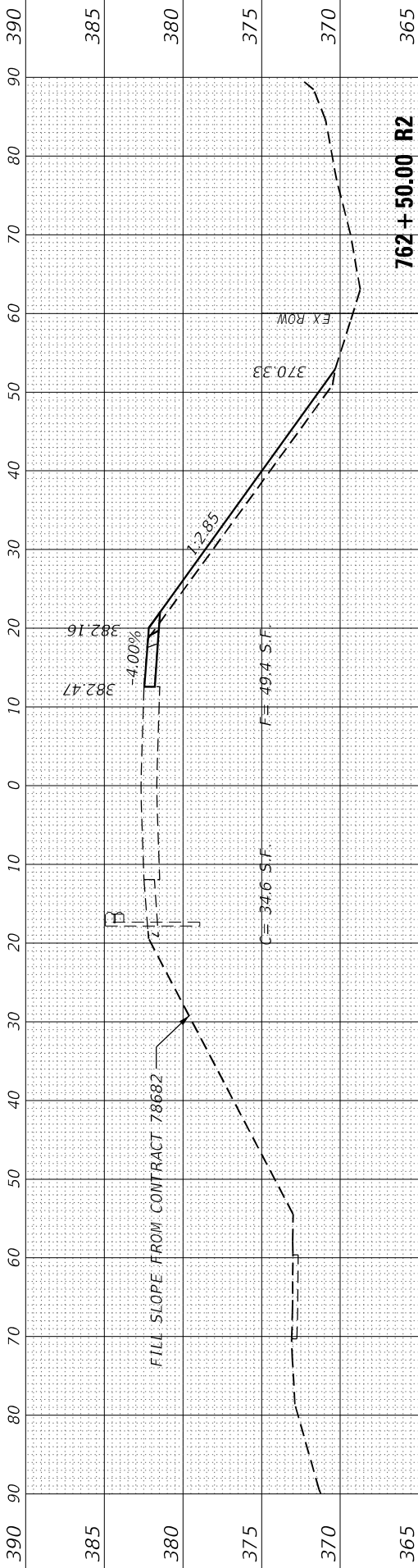
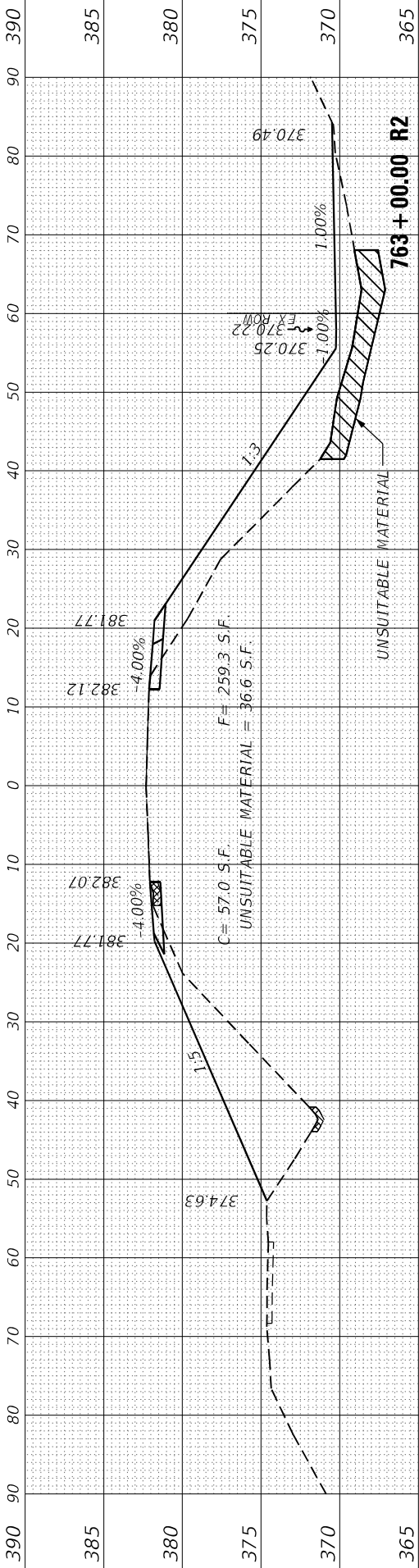
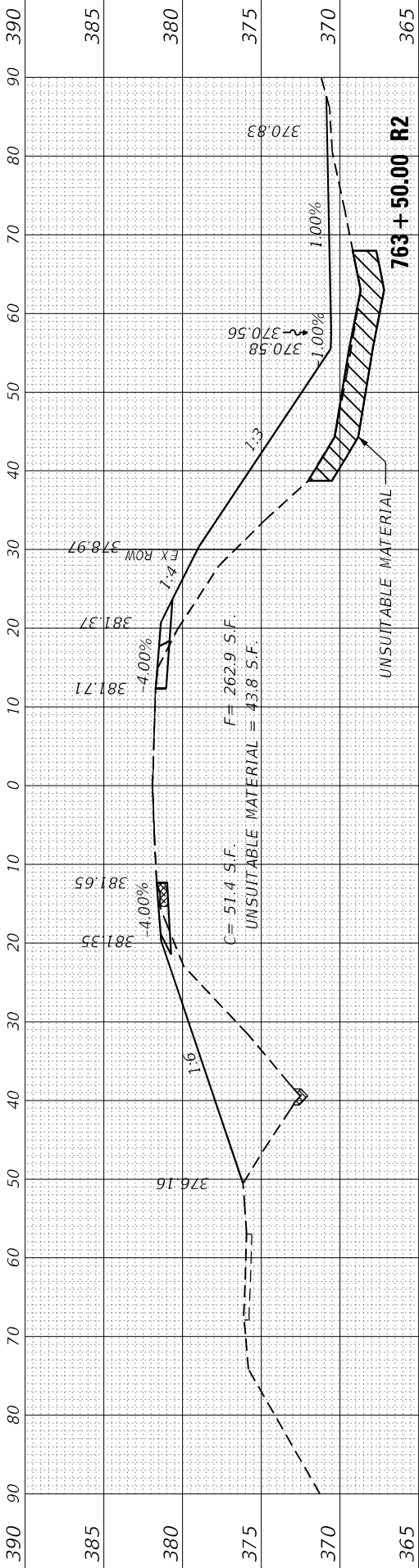
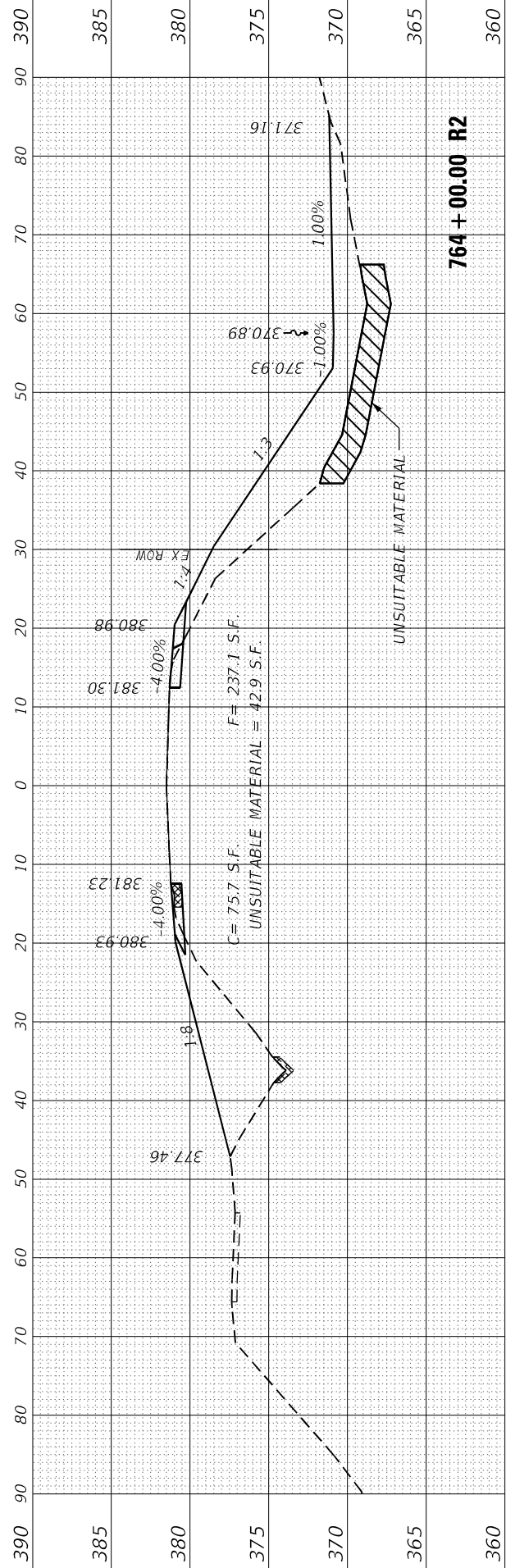
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 1 OF 80 SHEETS STA. 762+00.00 R2 TO STA. 764+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	86
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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		BY	DATE

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		BY	DATE

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EFK•Moen
Civil Engineering Design

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DESIGNED	- AEH
DRAWN	- ZJW
CHECKED	- SLD
DATE	- 2/28/2025

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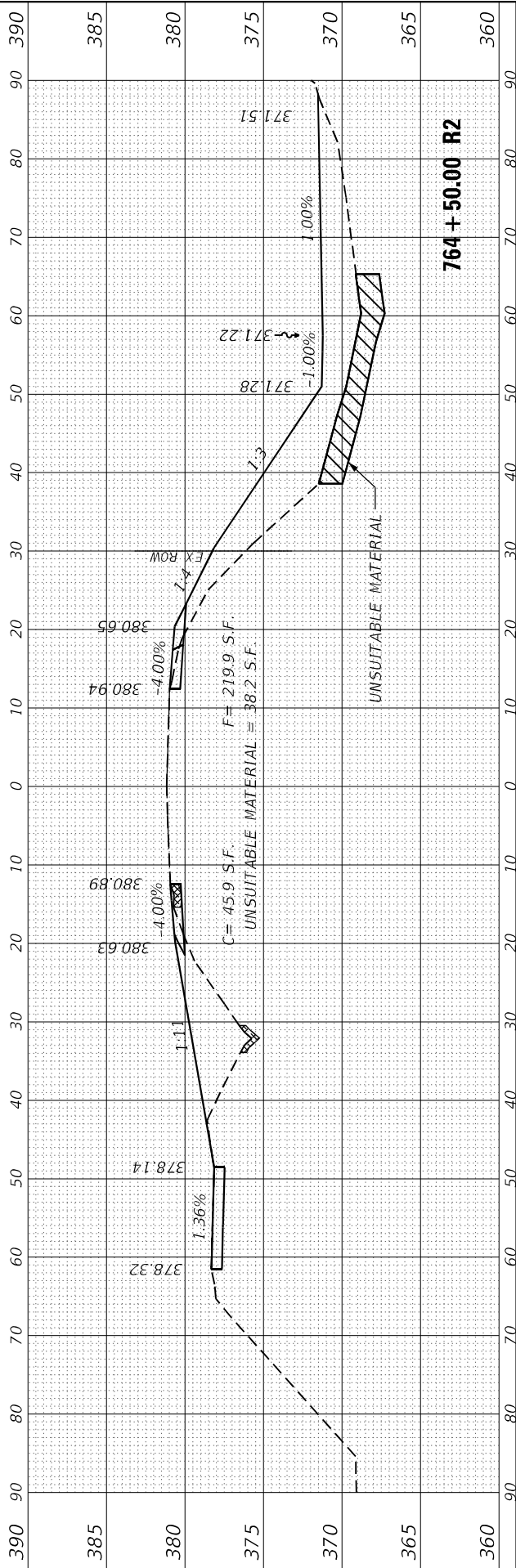
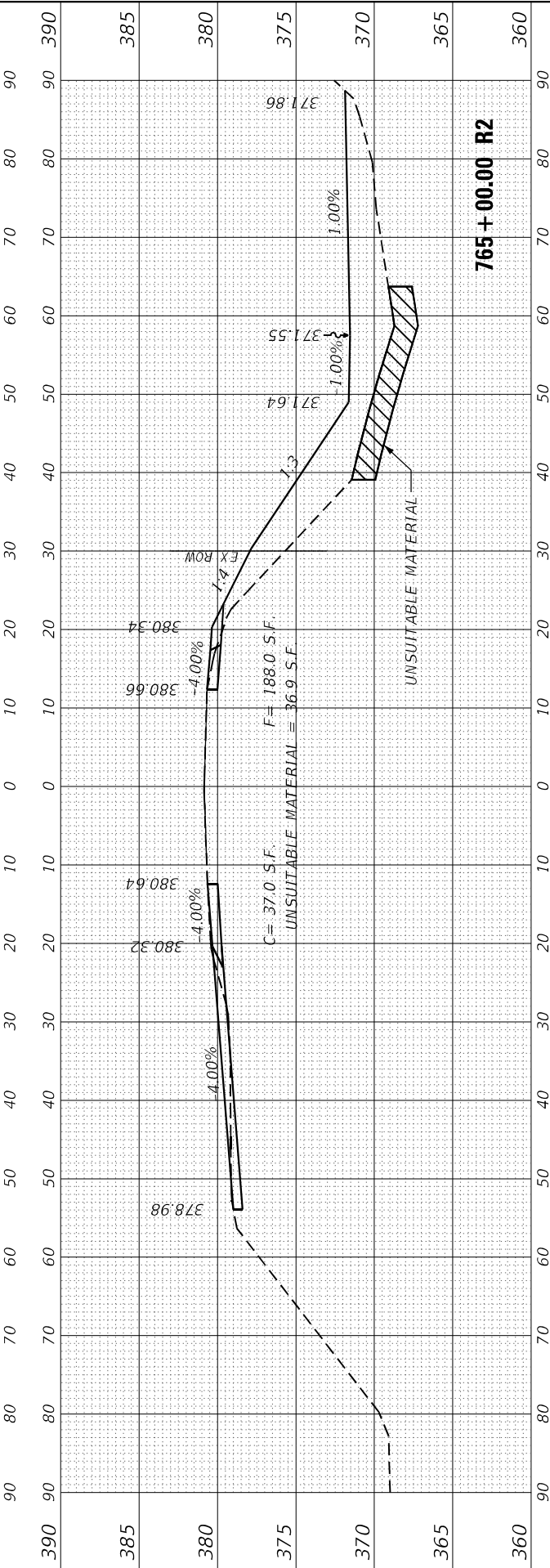
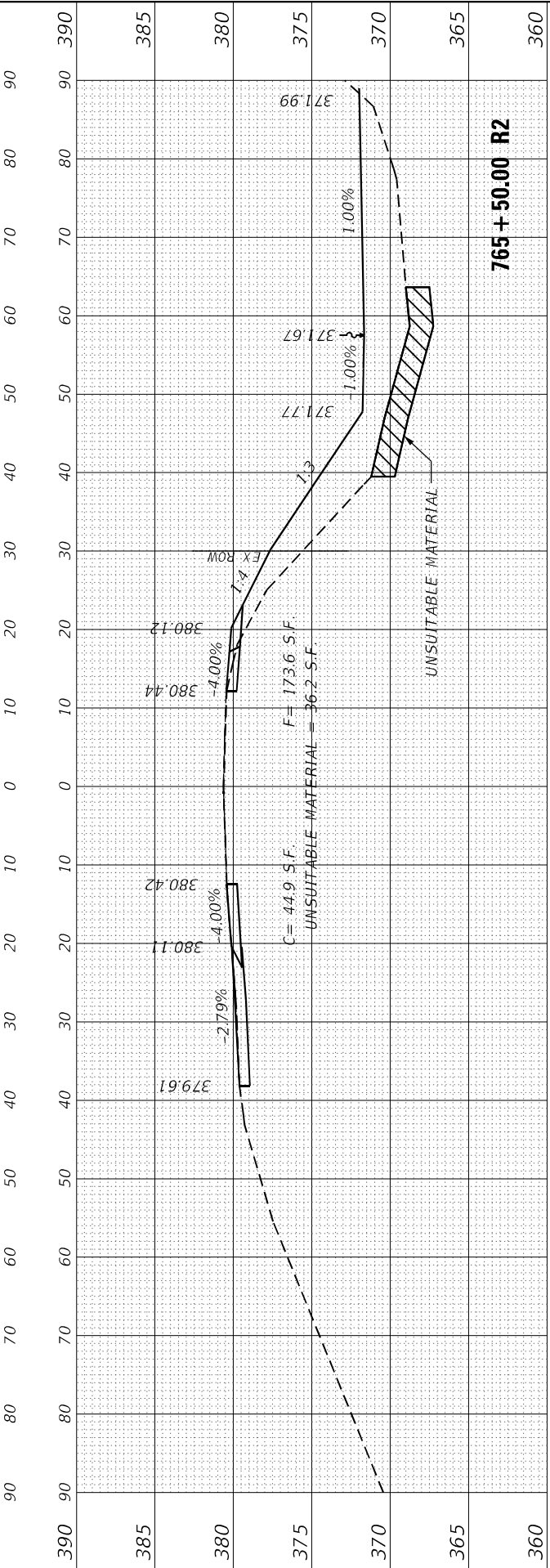
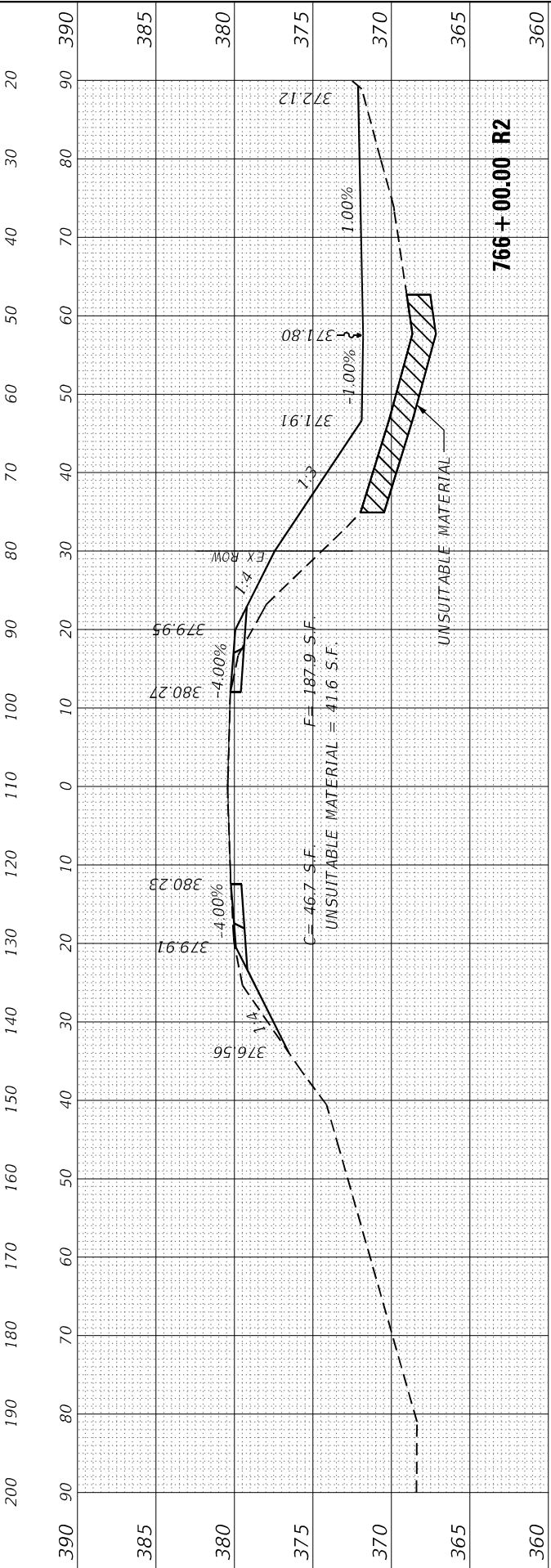
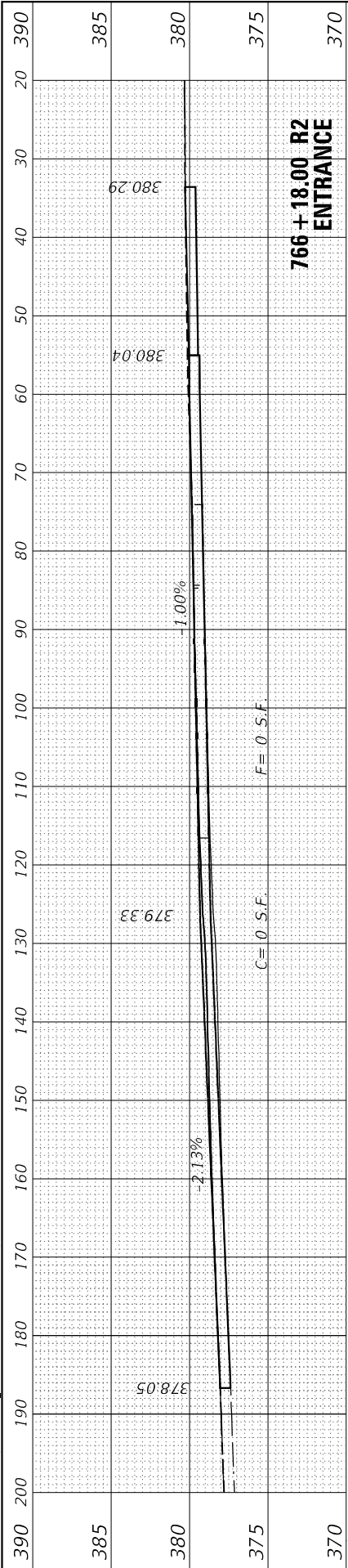
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10'H SHEET 2 OF 80 SHEETS STA. 764+50.00 R2 TO STA. 766+18.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	87
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

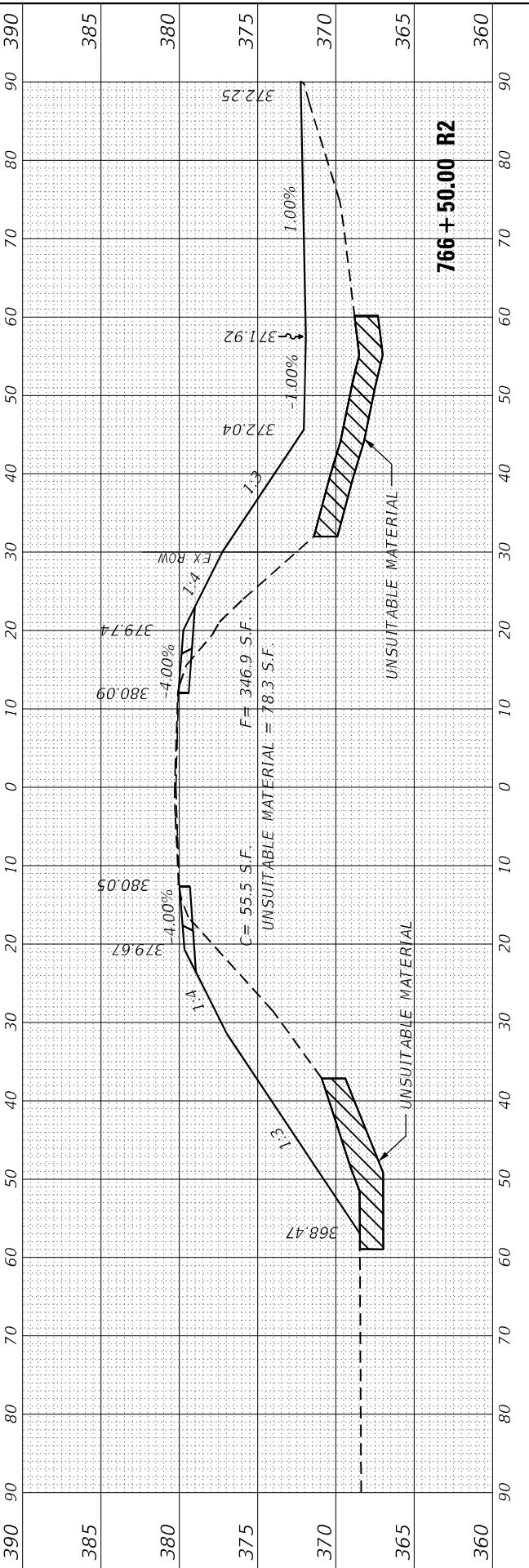
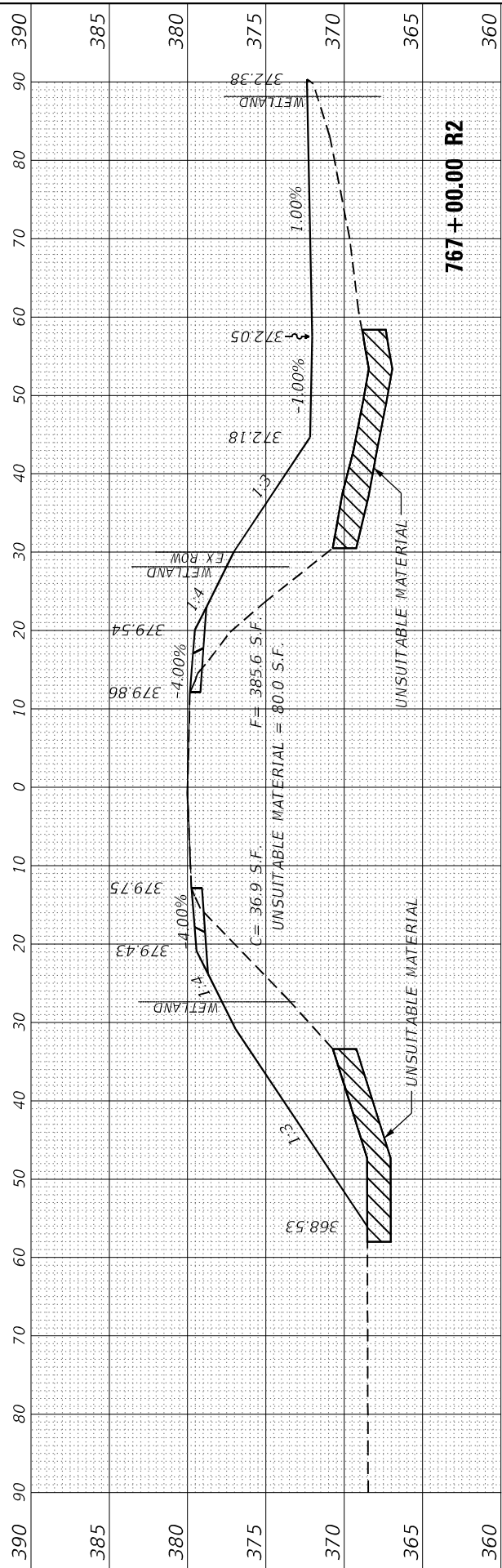
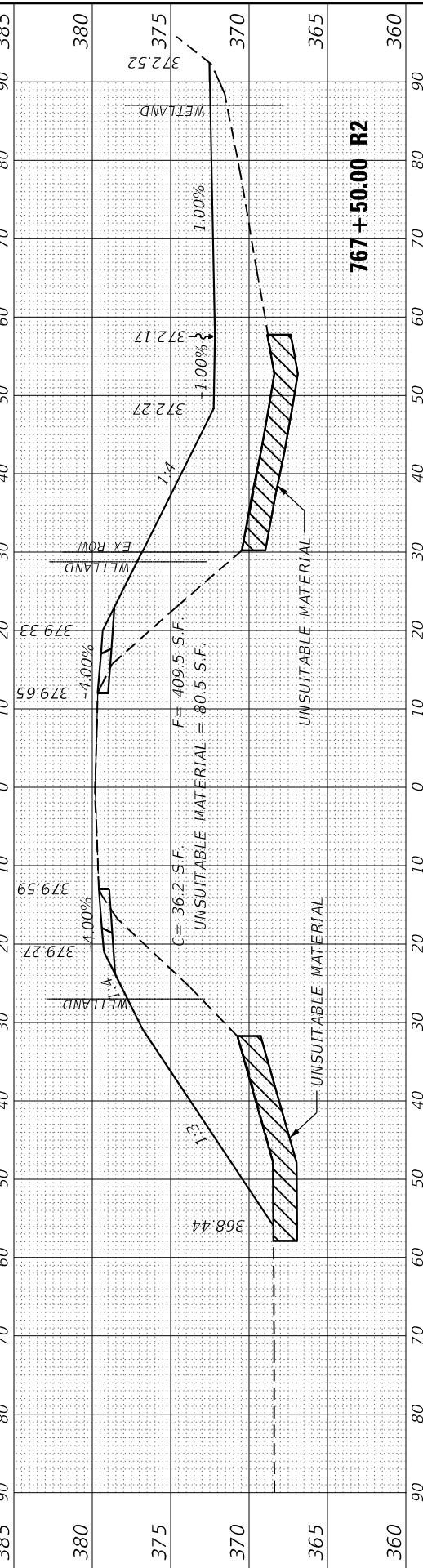
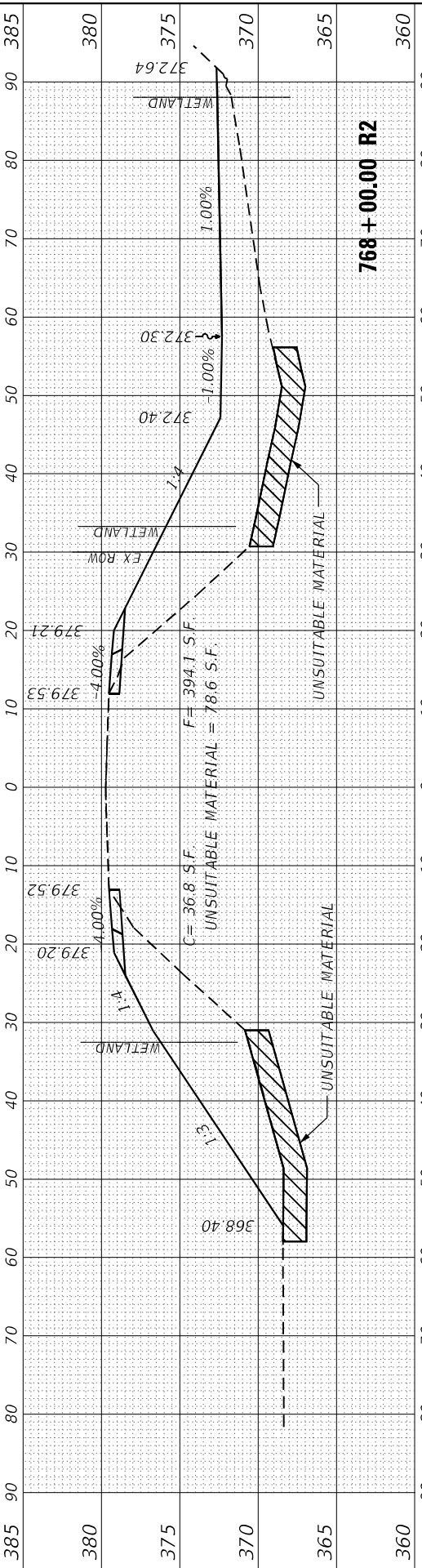
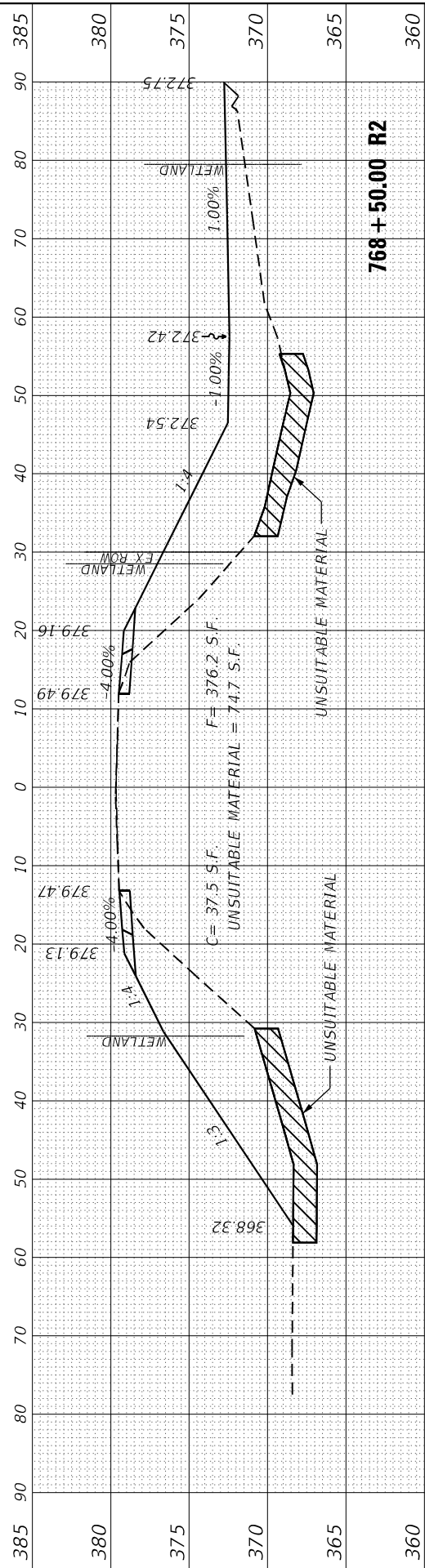


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NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

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NOTE BOOK		PLOTTED _____		
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NO. _____		AREAS CHECKED _____		

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Civil Engineering Design

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PLOT DATE	= 2/28/2025

DESIGNED -	AEH
DRAWN -	ZJW
CHECKED -	SLD
DATE	2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 3 OF 80 SHEETS	STA. 766+50.00 R2 TO STA. 768+50.00 R2
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	88
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

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	DRAWN - ZJW
PLOT SCALE = 20,0000 ' / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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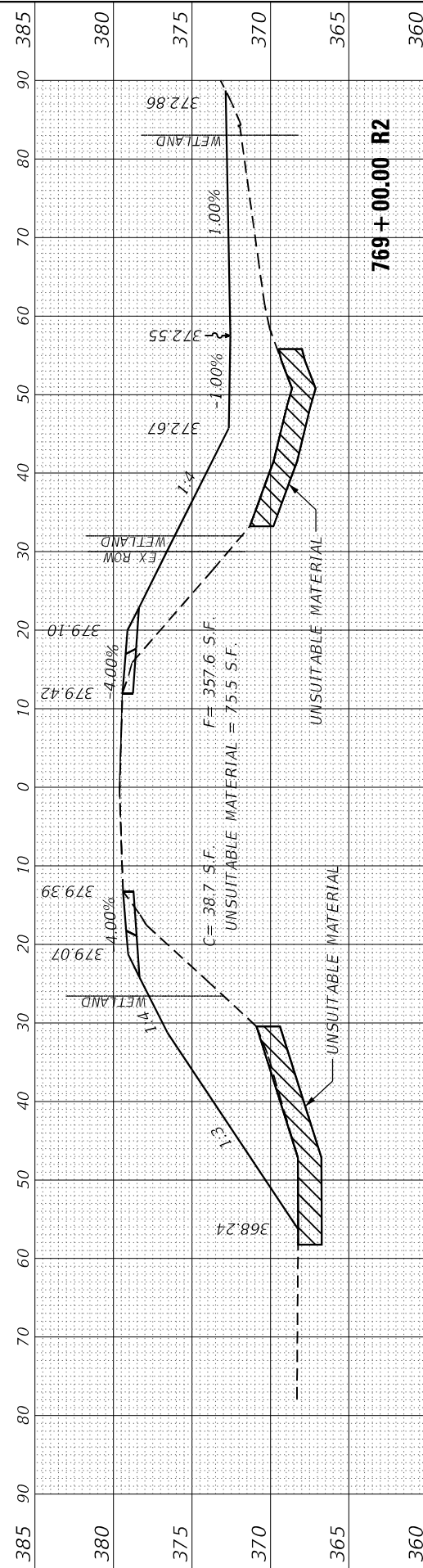
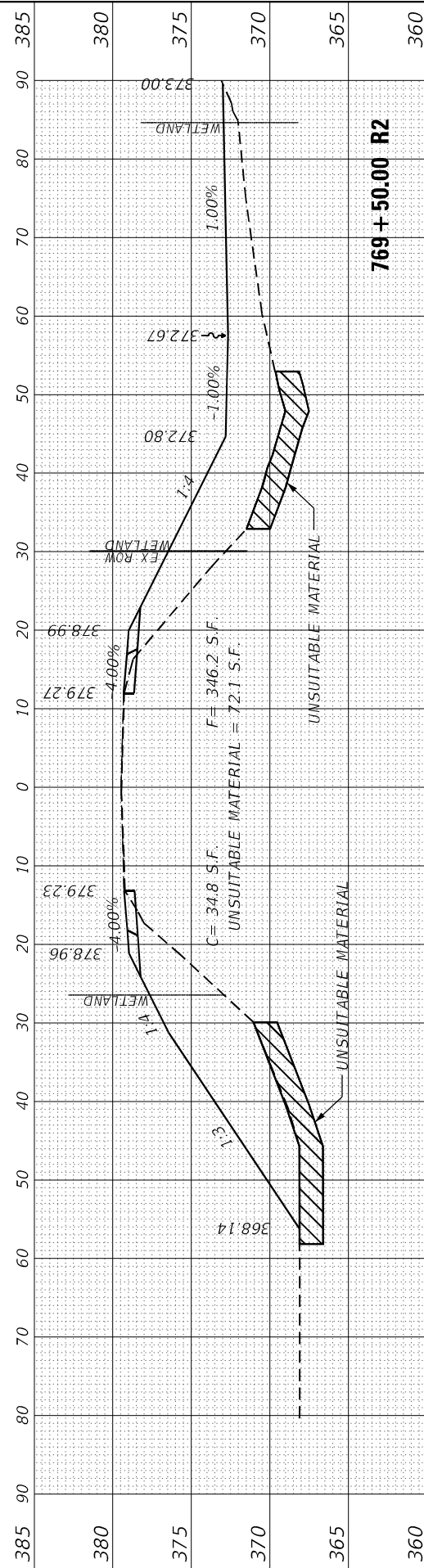
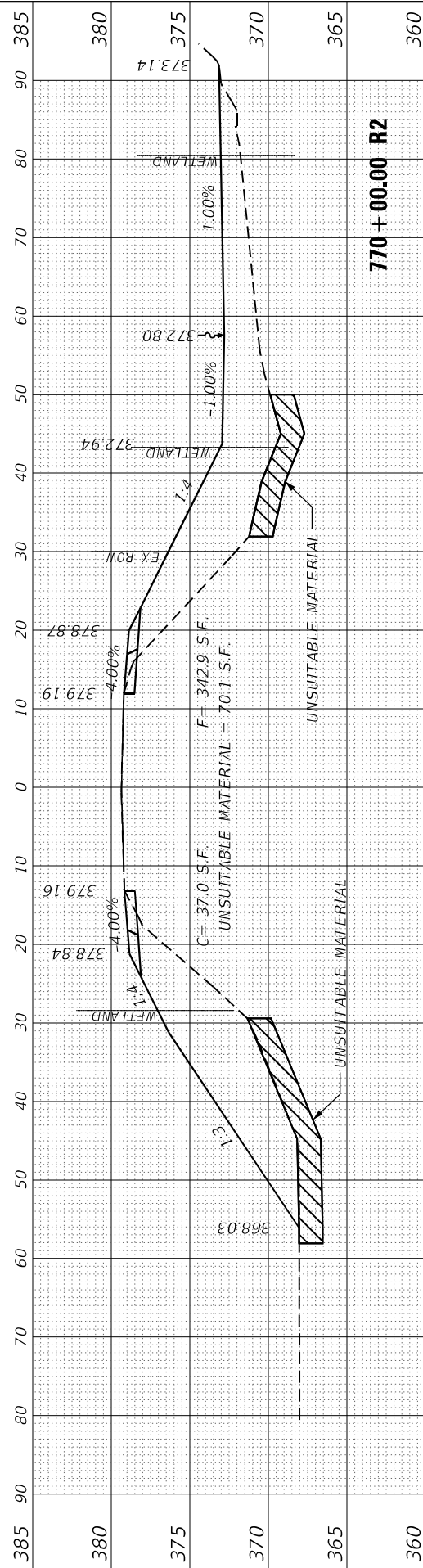
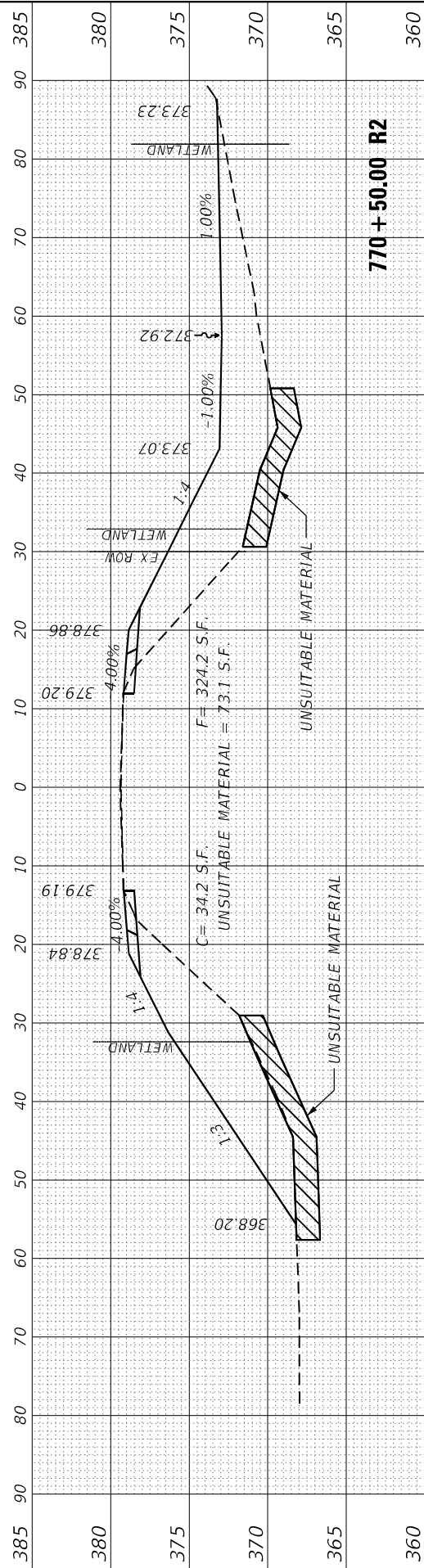
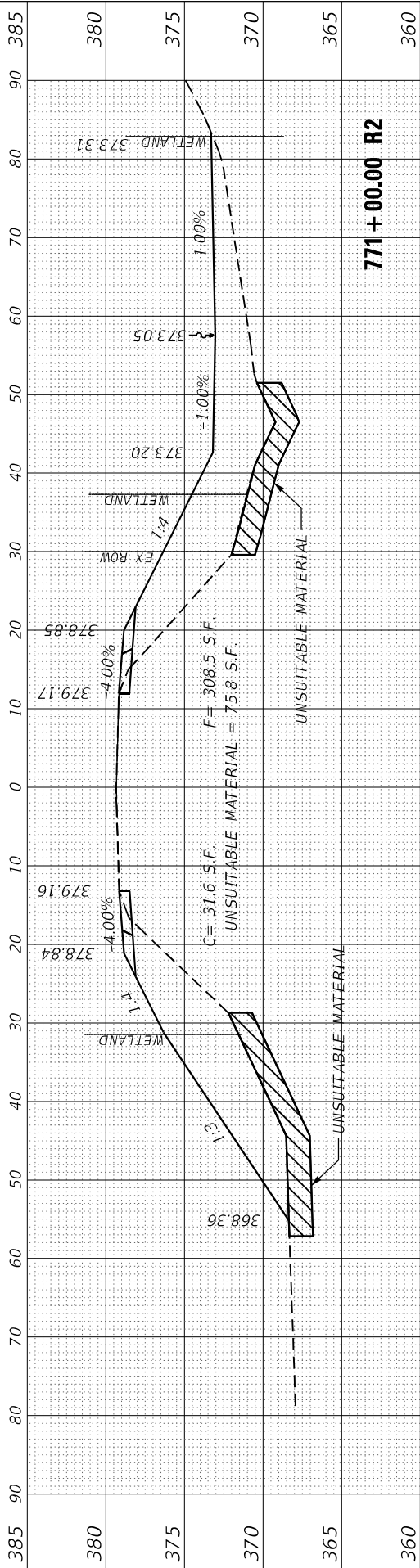
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 4 OF 80 SHEETS	STA. 769+00.00 R2 TO STA. 771+00.00 R2
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	89
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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EFK•Moen
Civil Engineering Design

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PLOT DATE = 2/28/2025

DESIGNED - AEH
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
REVISED -
REVISED -
REVISED -

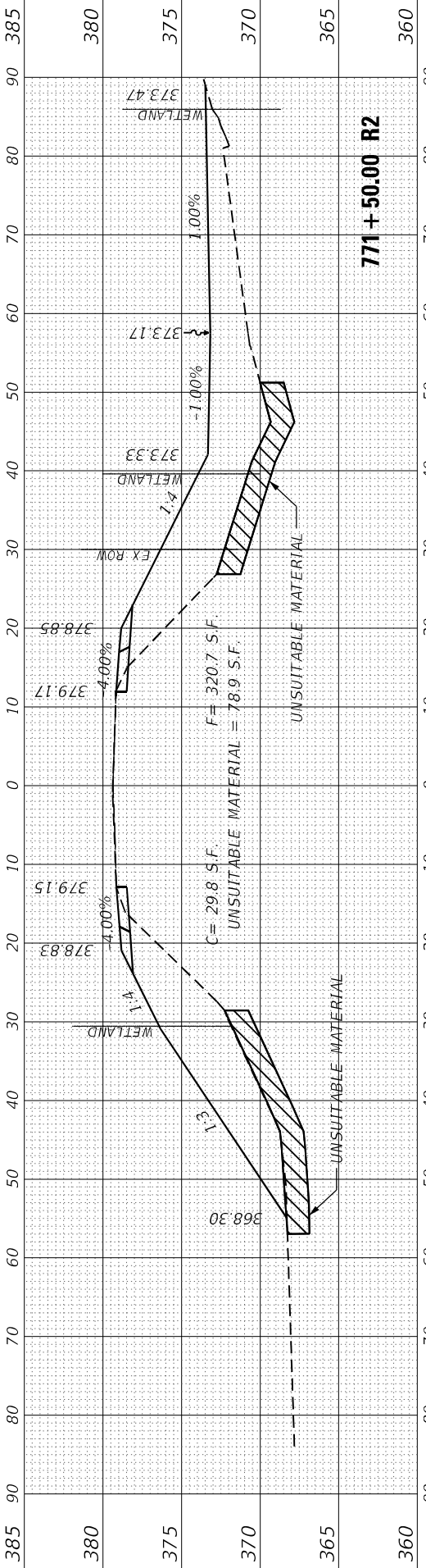
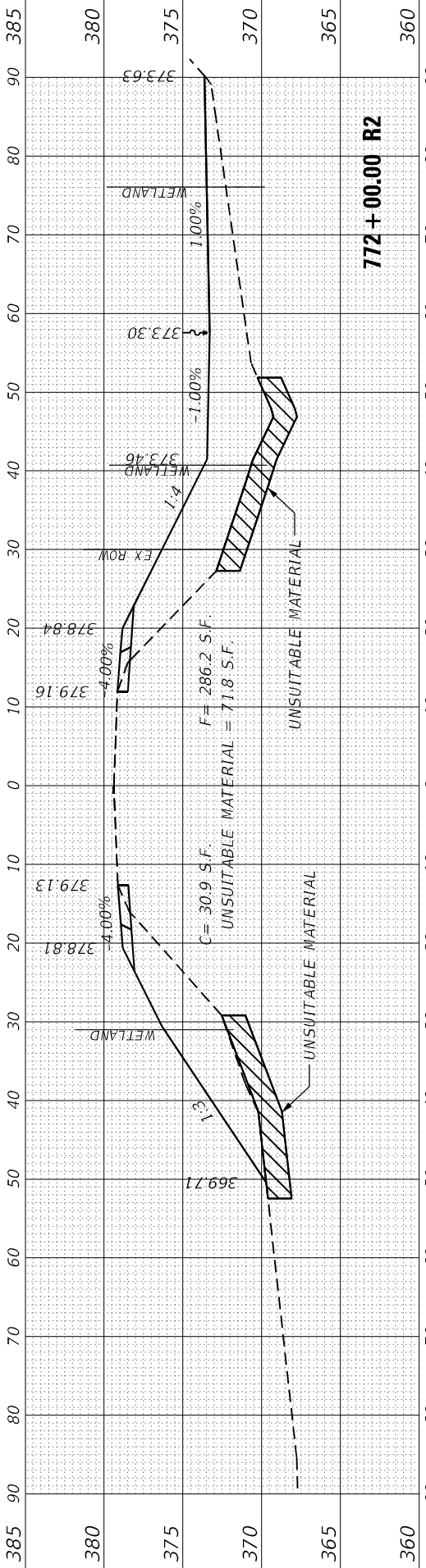
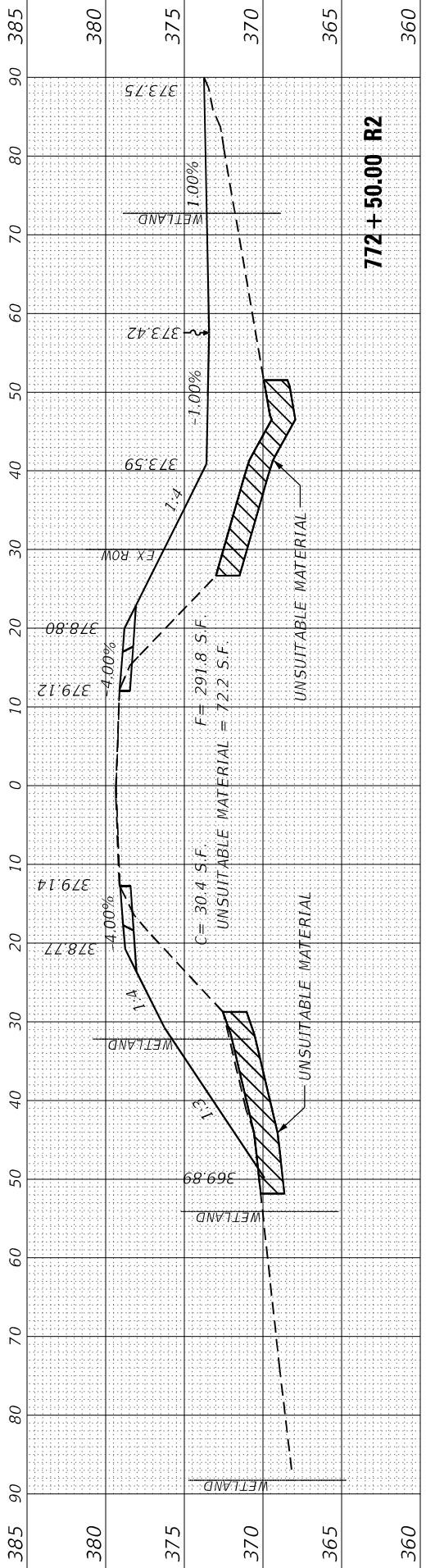
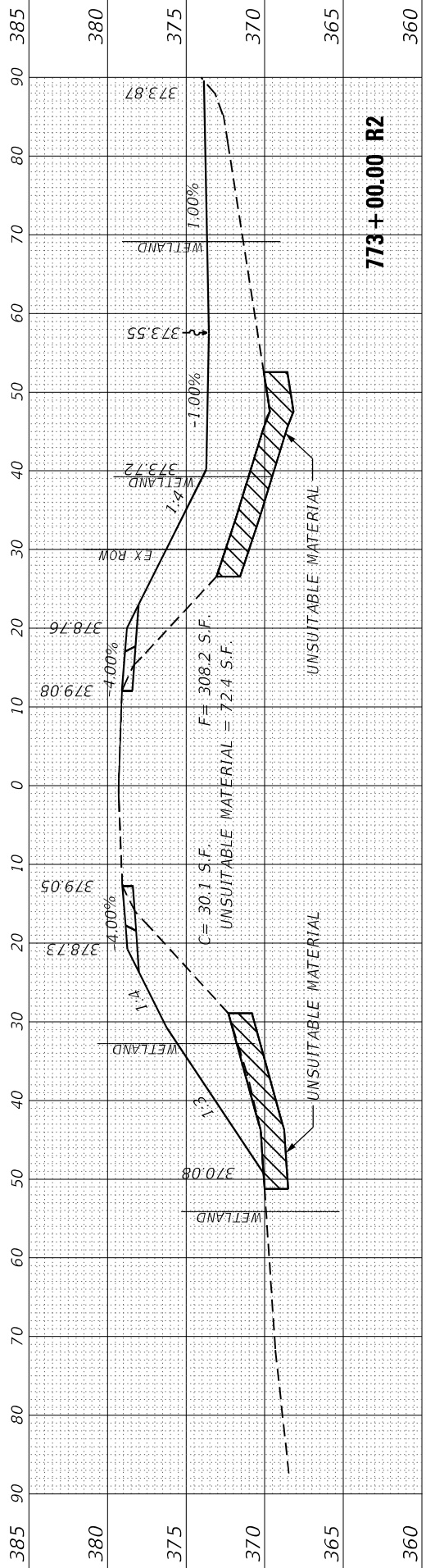
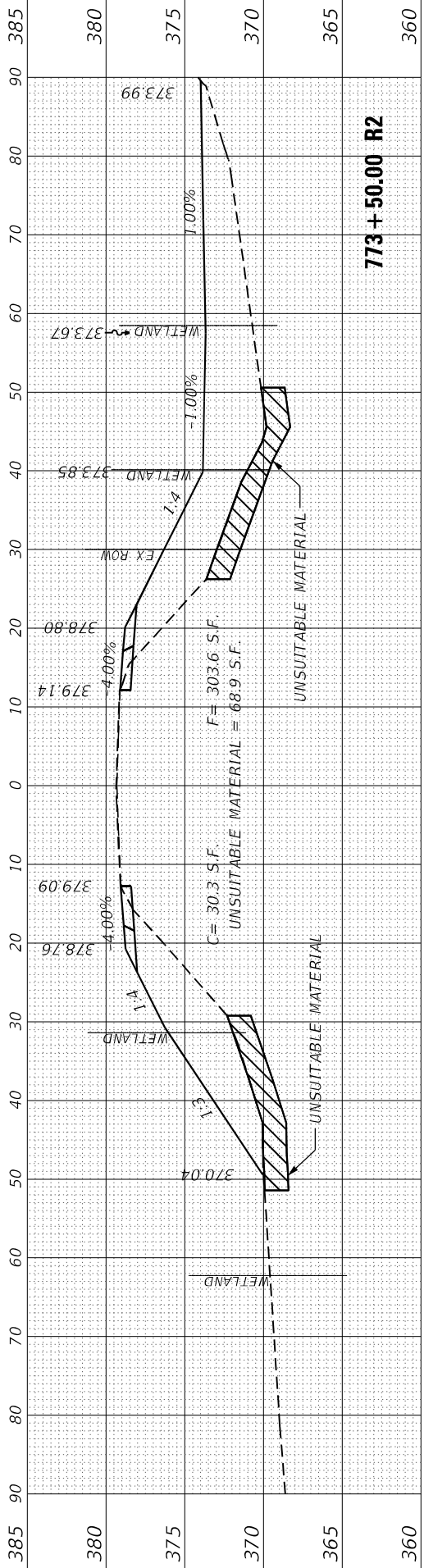
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 5 OF 80 SHEETS STA. 771+50.00 R2 TO STA. 773+50.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	90
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20,0000 * / in.
PLOT DATE = 2/28/2025

DESIGNED - AEH
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

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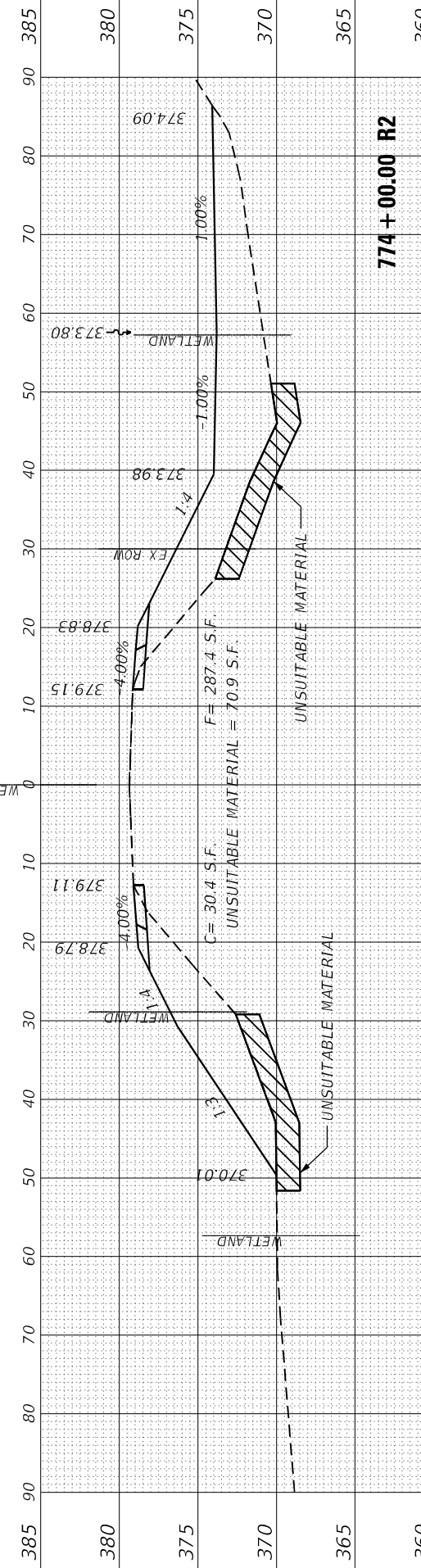
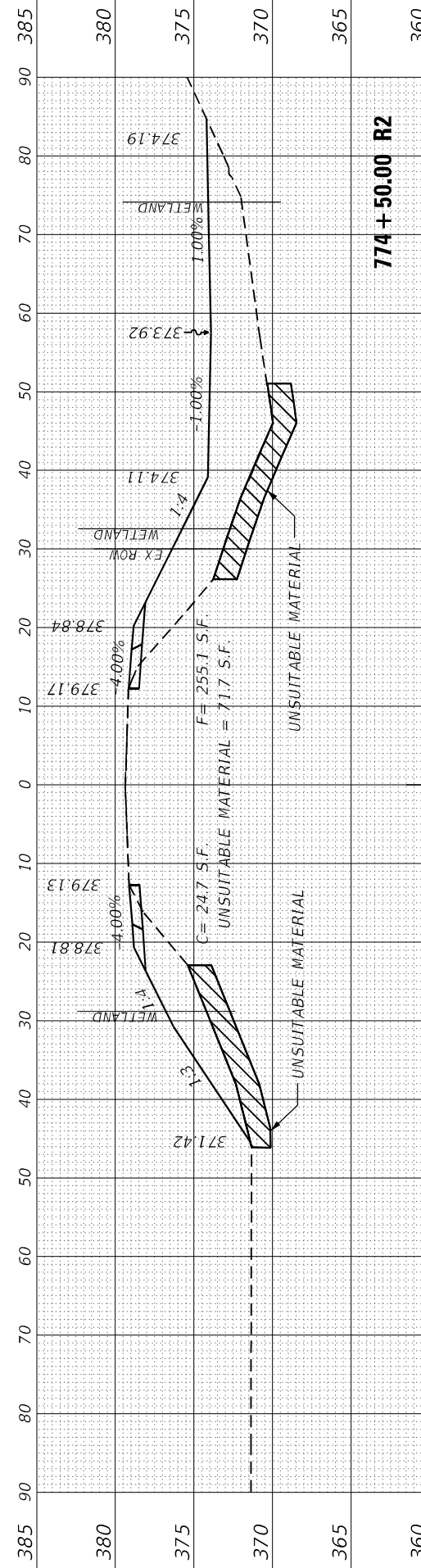
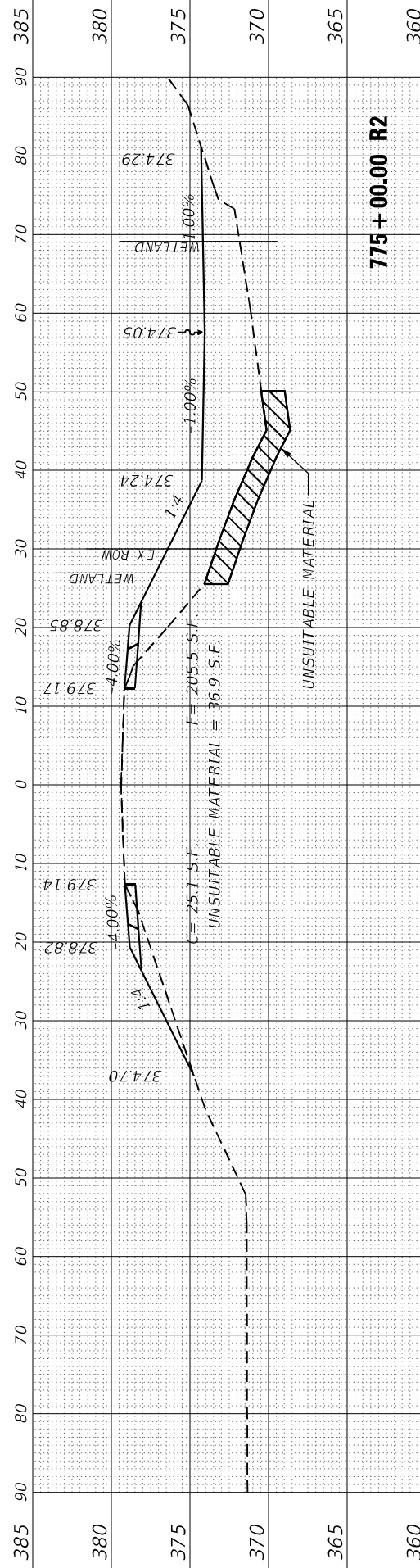
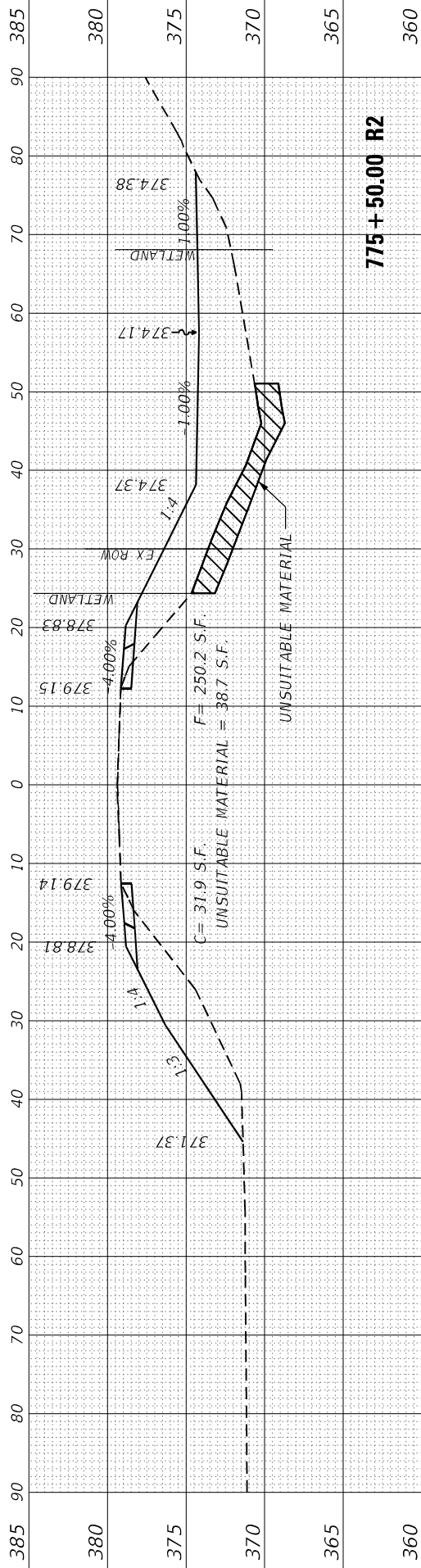
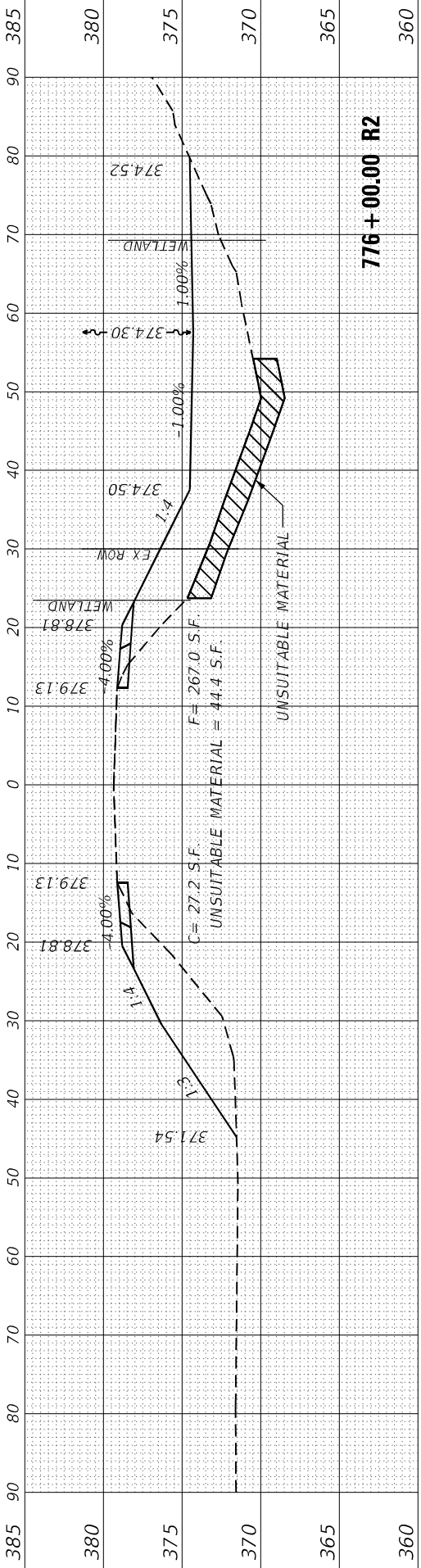
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 6 OF 80 SHEETS STA. 774+00.00 R2 TO STA. 776+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	91
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS / FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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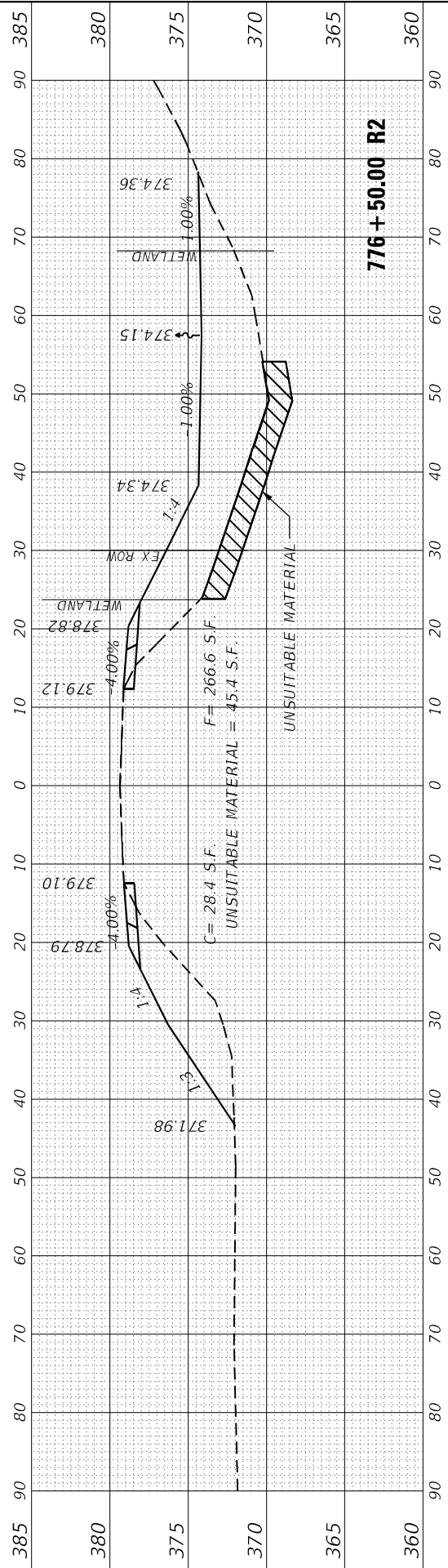
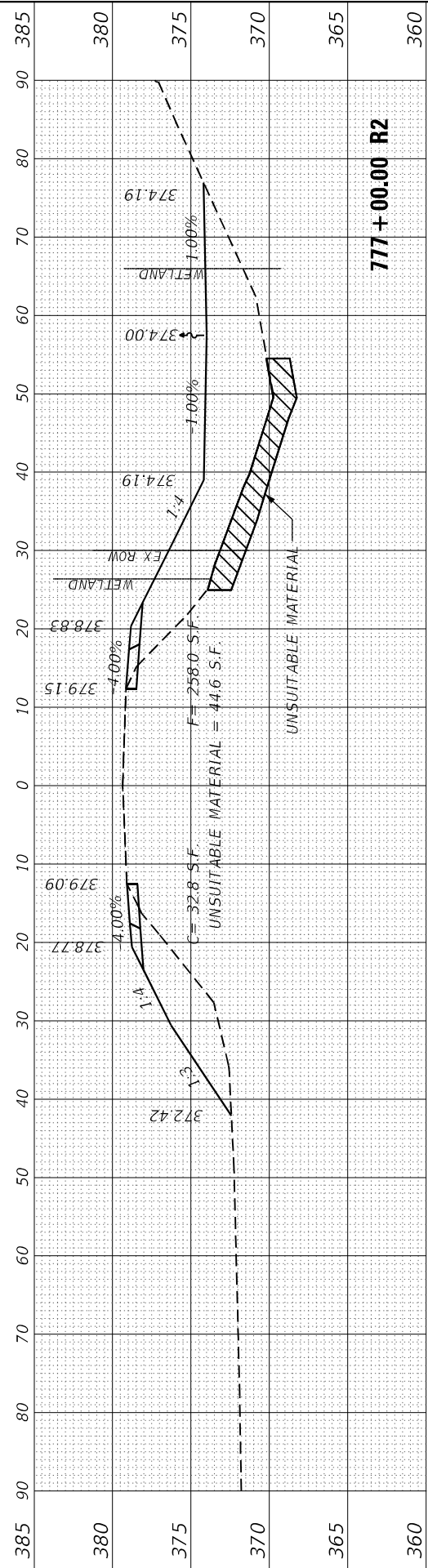
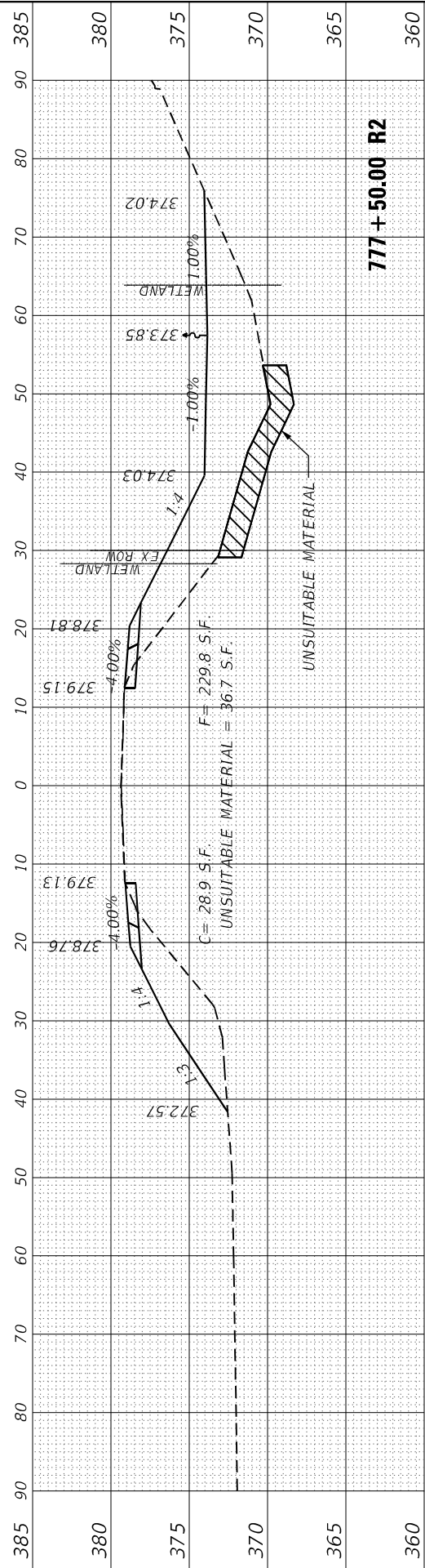
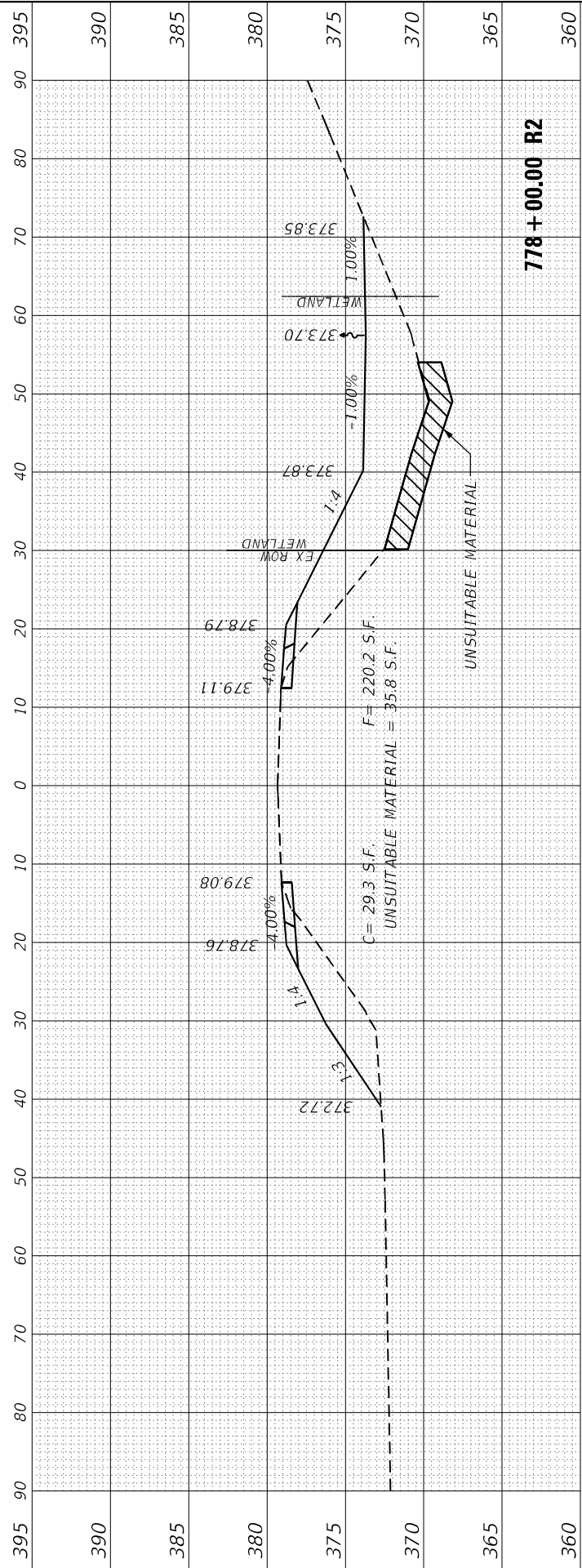
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332 CROSS SECTIONS				
SCALE: 5'V : 10'H	SHEET	7	OF 80 SHEETS	STA. 776+50.00 R2 TO STA. 778+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	92
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL XS-N-10
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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - AEH
	DRAWN - ZJW
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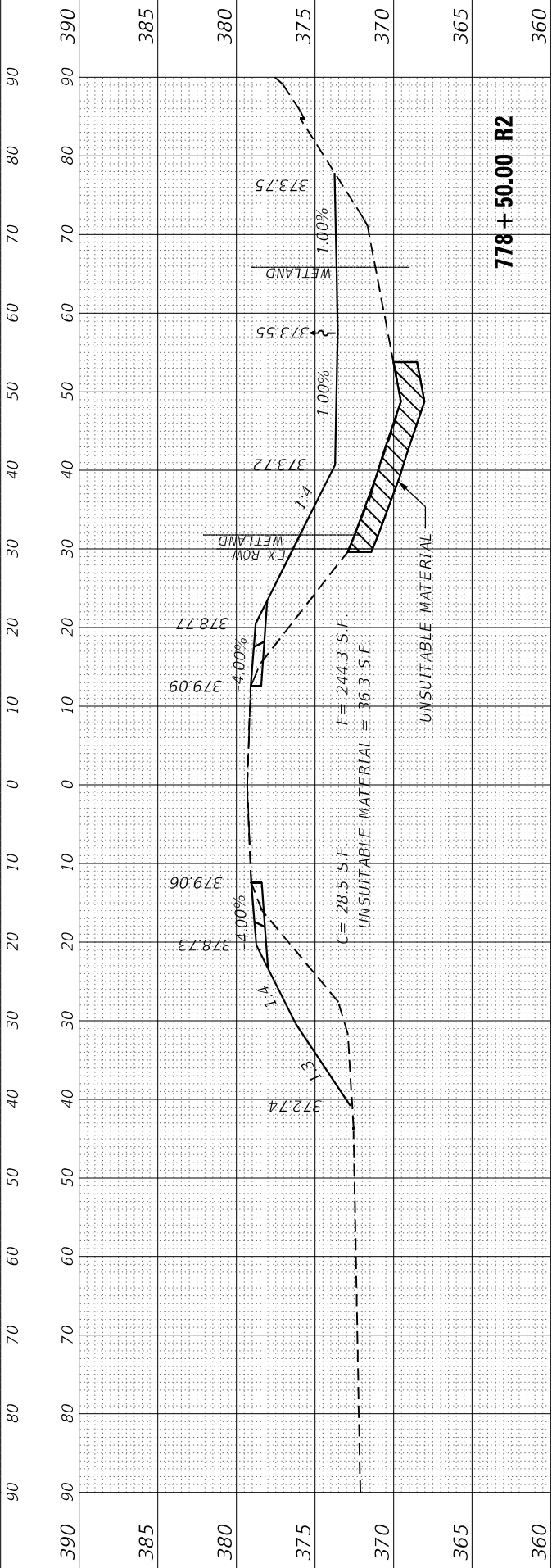
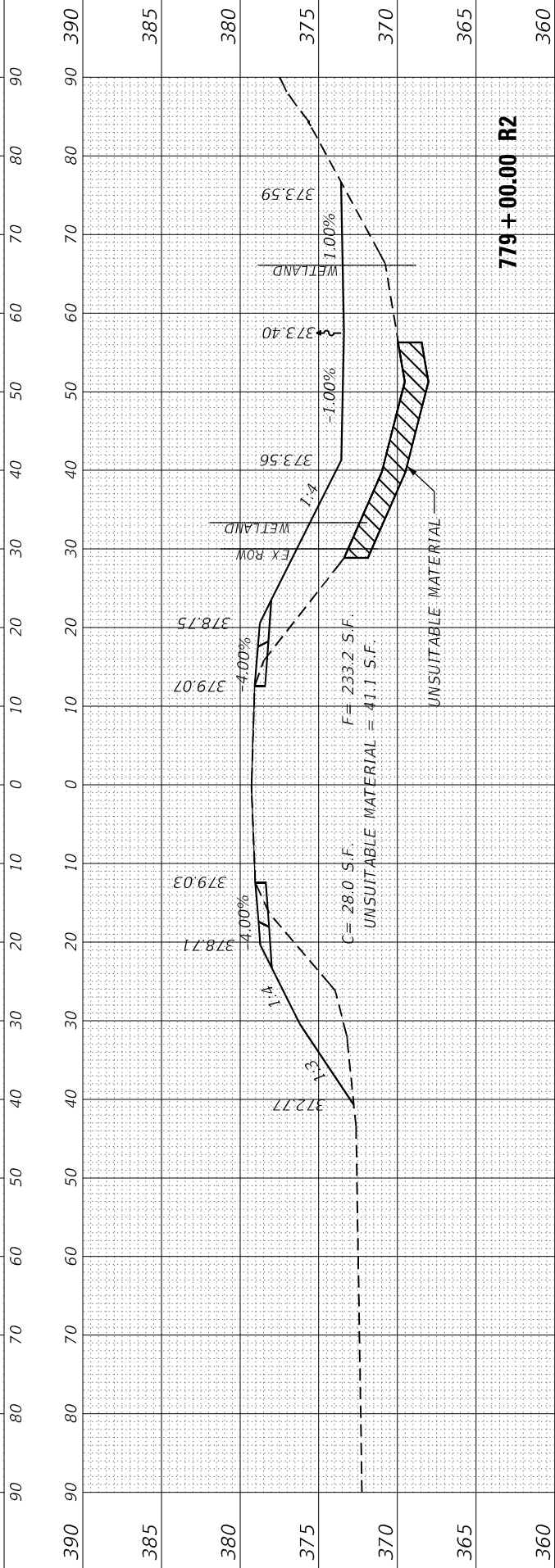
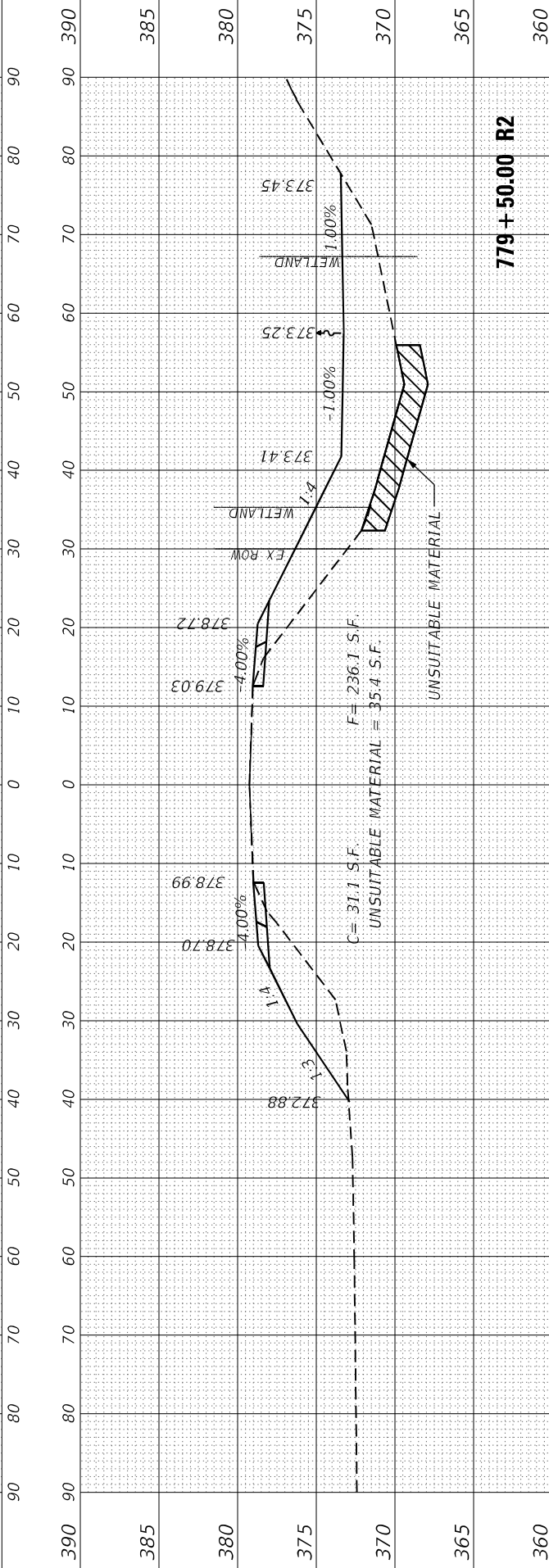
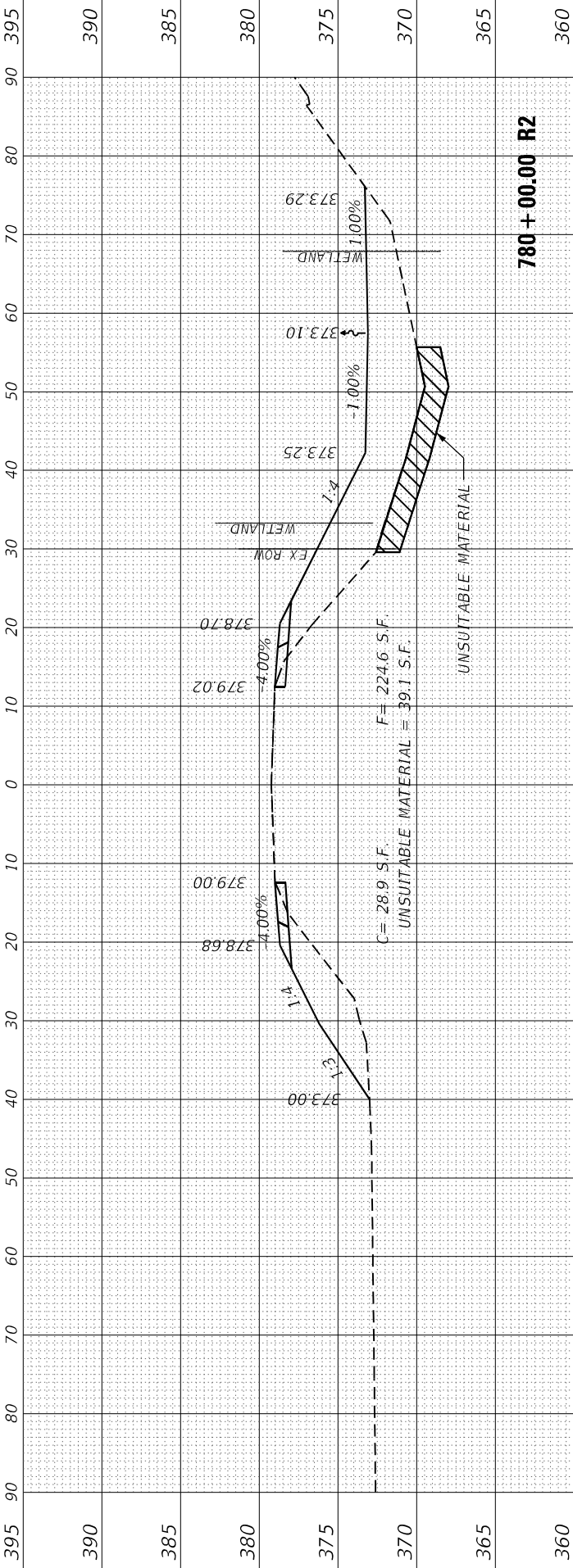
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 8 OF 80 SHEETS	STA. 778+50.00 R2 TO STA. 780+00.00 R2
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	93
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

MODEL XS-N-10
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EFK•Moen
Civil Engineering Design

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PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 2/28/2025

DESIGNED	- AEH
DRAWN	- ZJW
CHECKED	- SLD
DATE	- 2/28/2025

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REVISED	-
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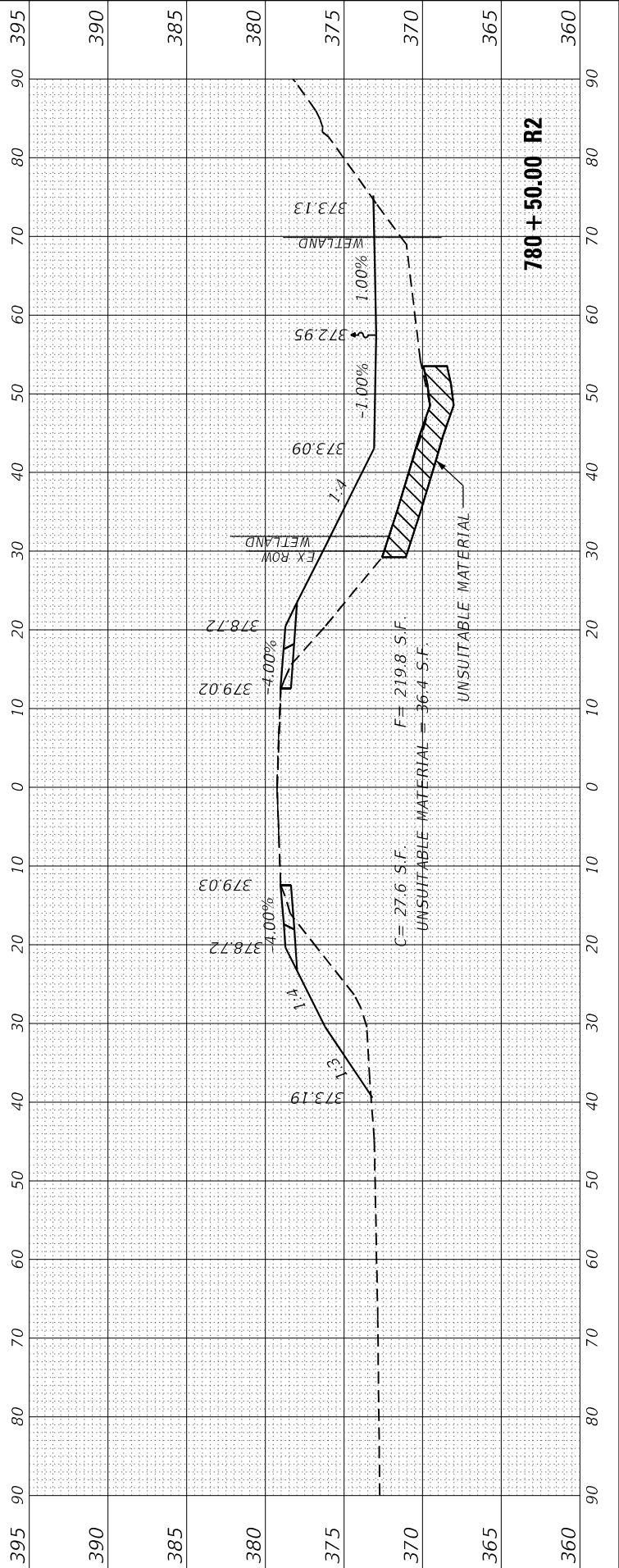
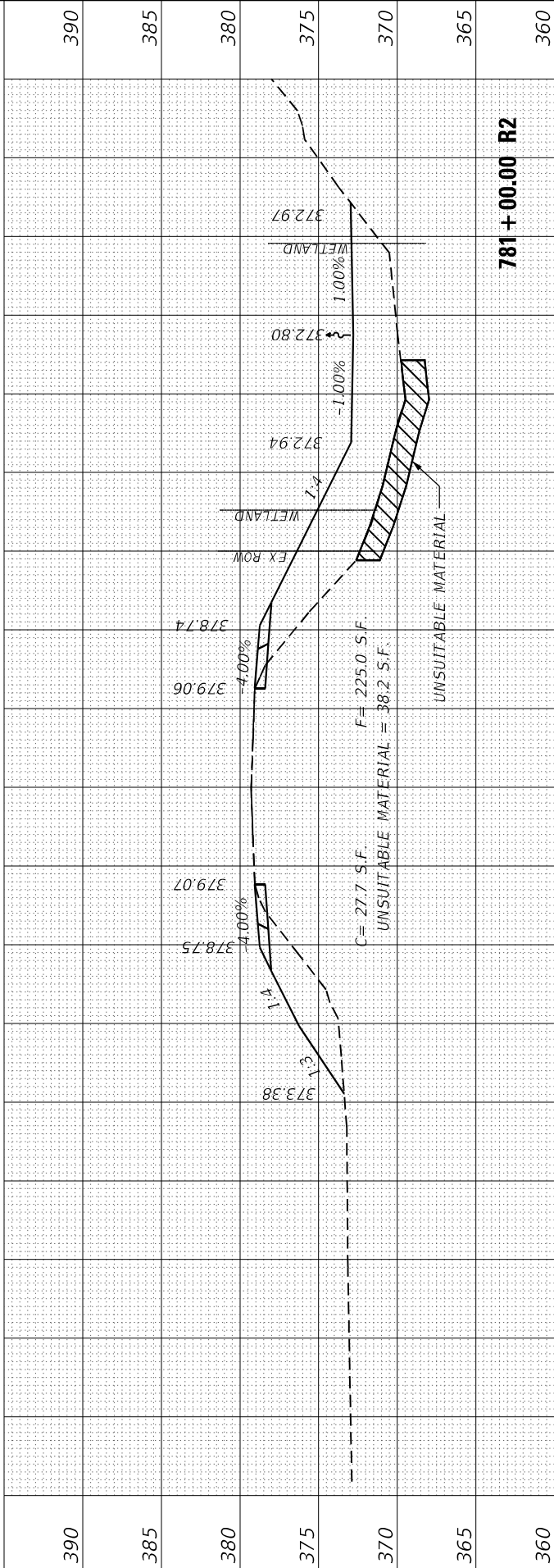
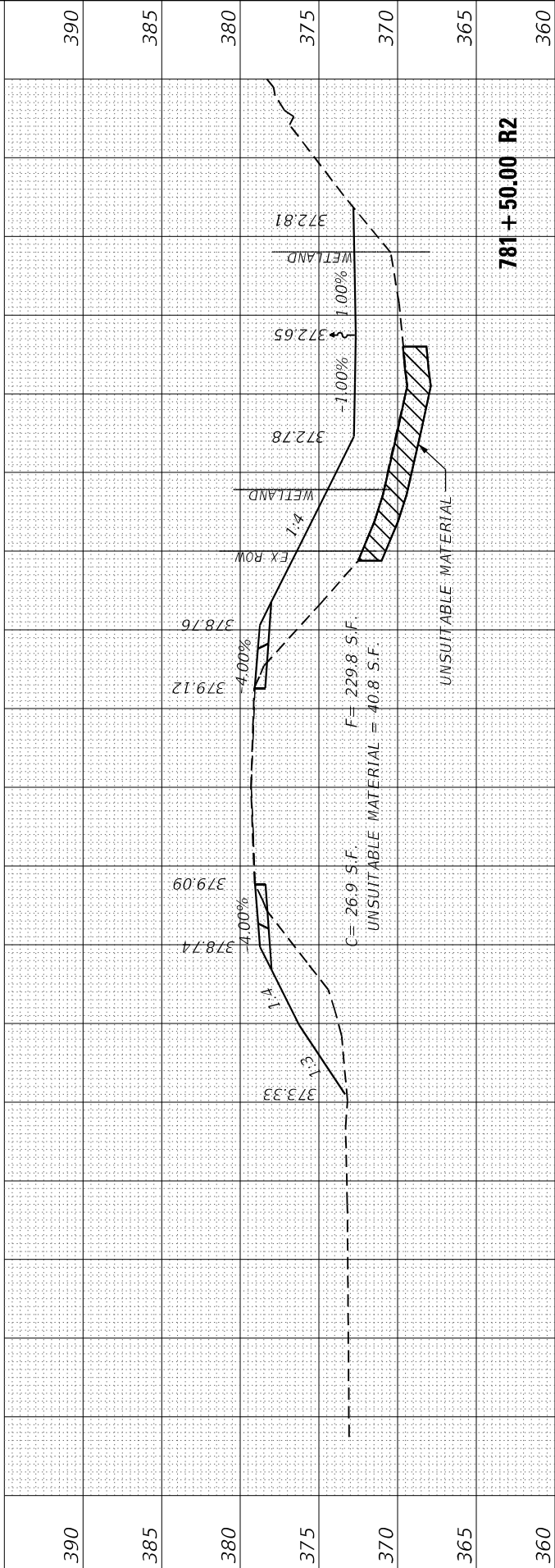
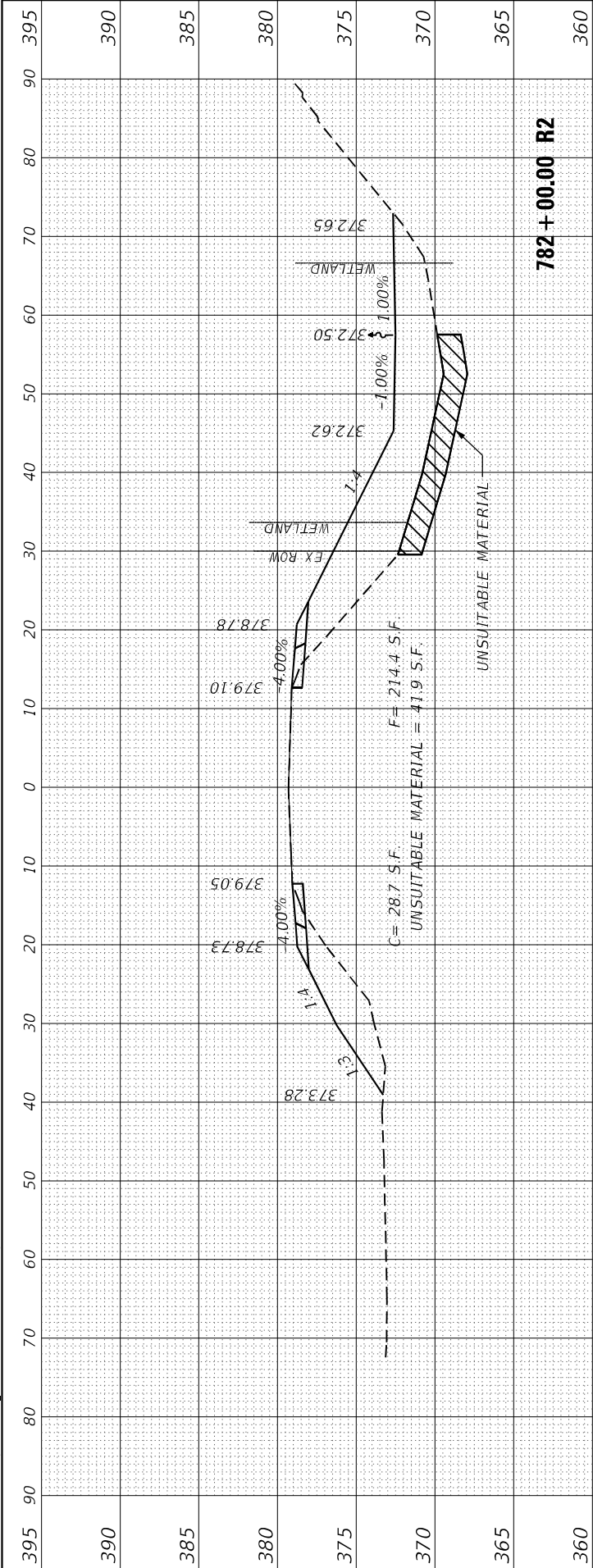
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 9 OF 80 SHEETS	STA. 780+50.00 R2 TO STA. 782+00.00 R2
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	94
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - AEH
	DRAWN - ZJW
PLOT SCALE = 20,0000 * / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

REVISED -
REVISED -
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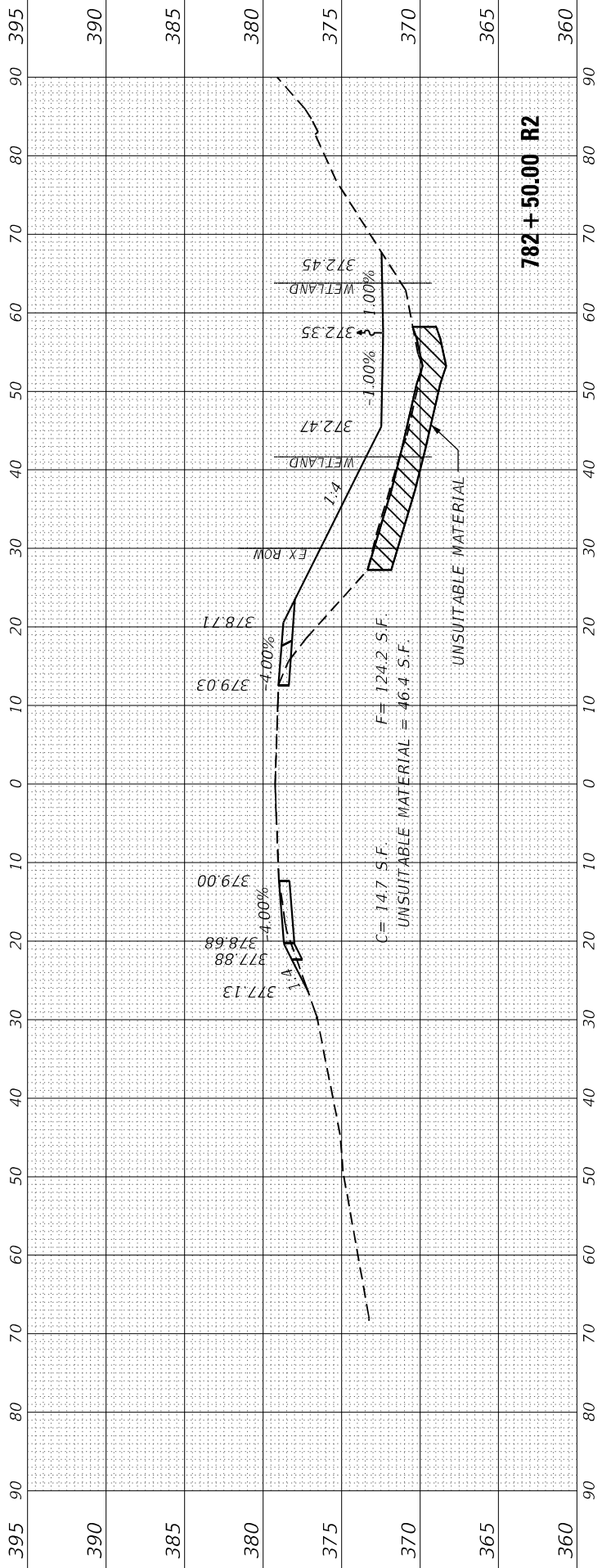
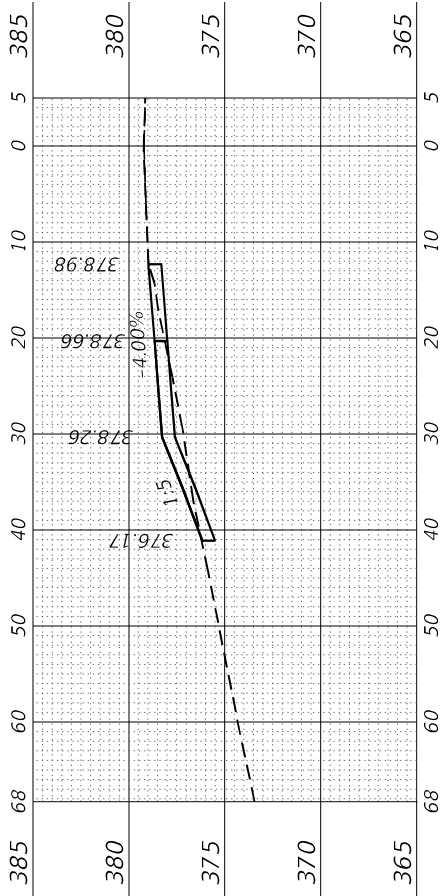
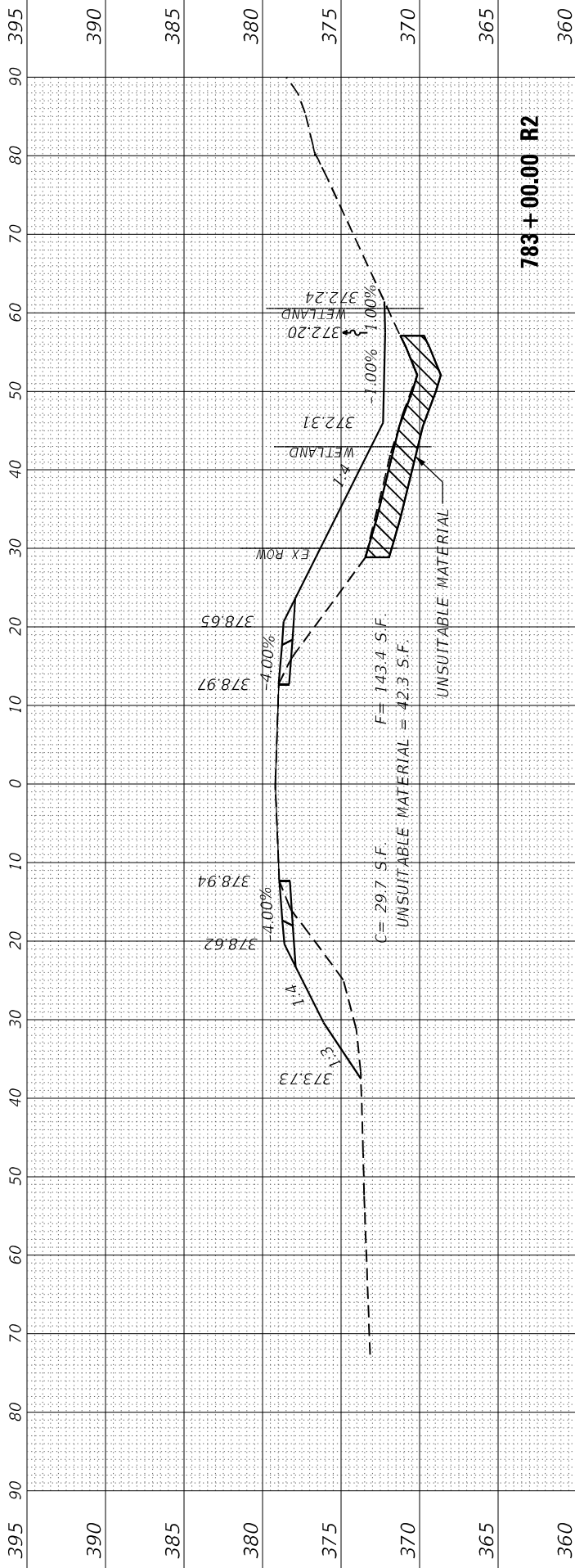
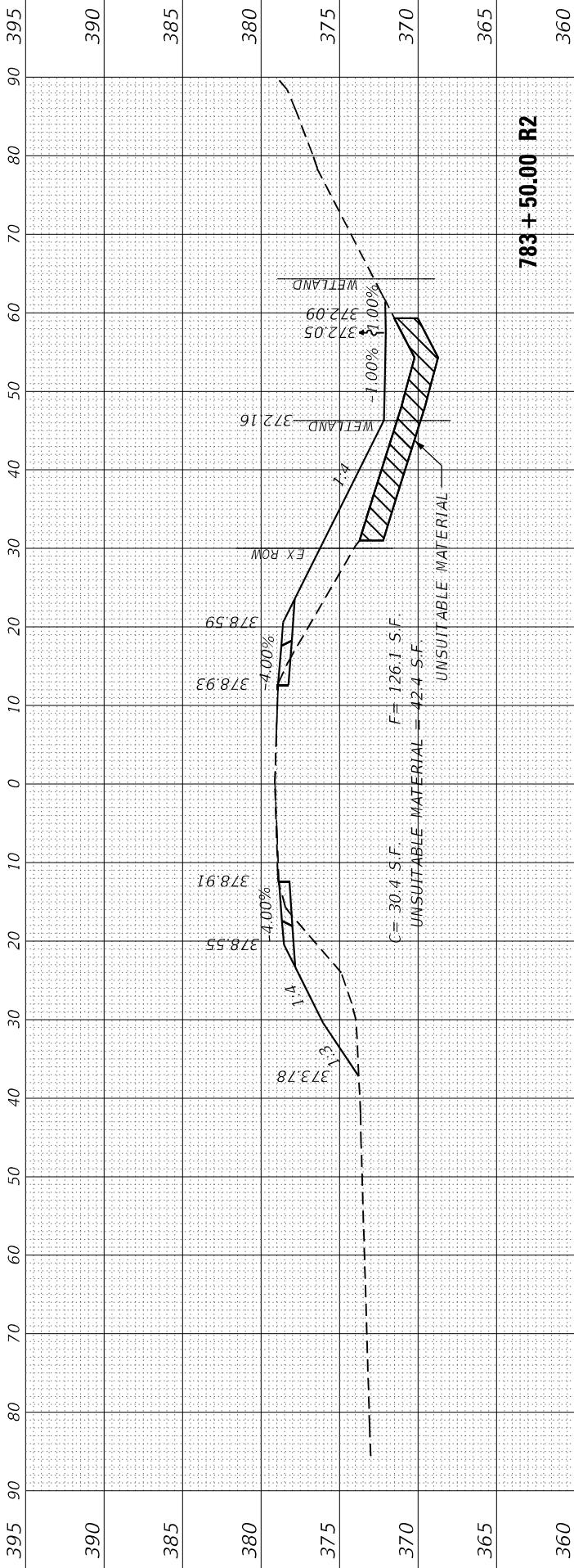
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 10 OF 80 SHEETS STA. 782+50.00 R2 TO STA. 783+50.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	95
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL XS-N-030

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EFK♦Moen
Civil Engineering Design

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DESIGNED	- AEH
DRAWN	- ZJW
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 2/28/2025
CHECKED	- SLD
DATE	- 2/28/2025

REVISED	-
REVISED	-
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REVISED	-

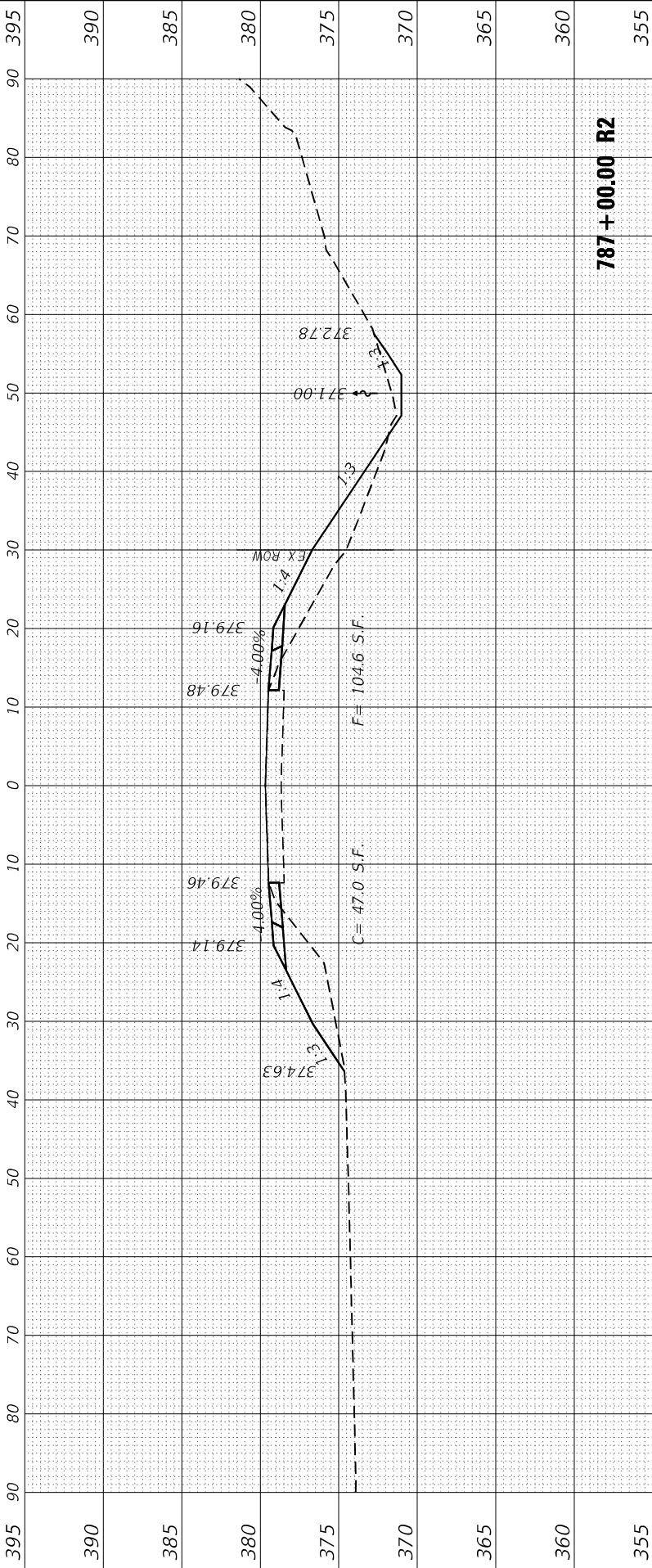
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

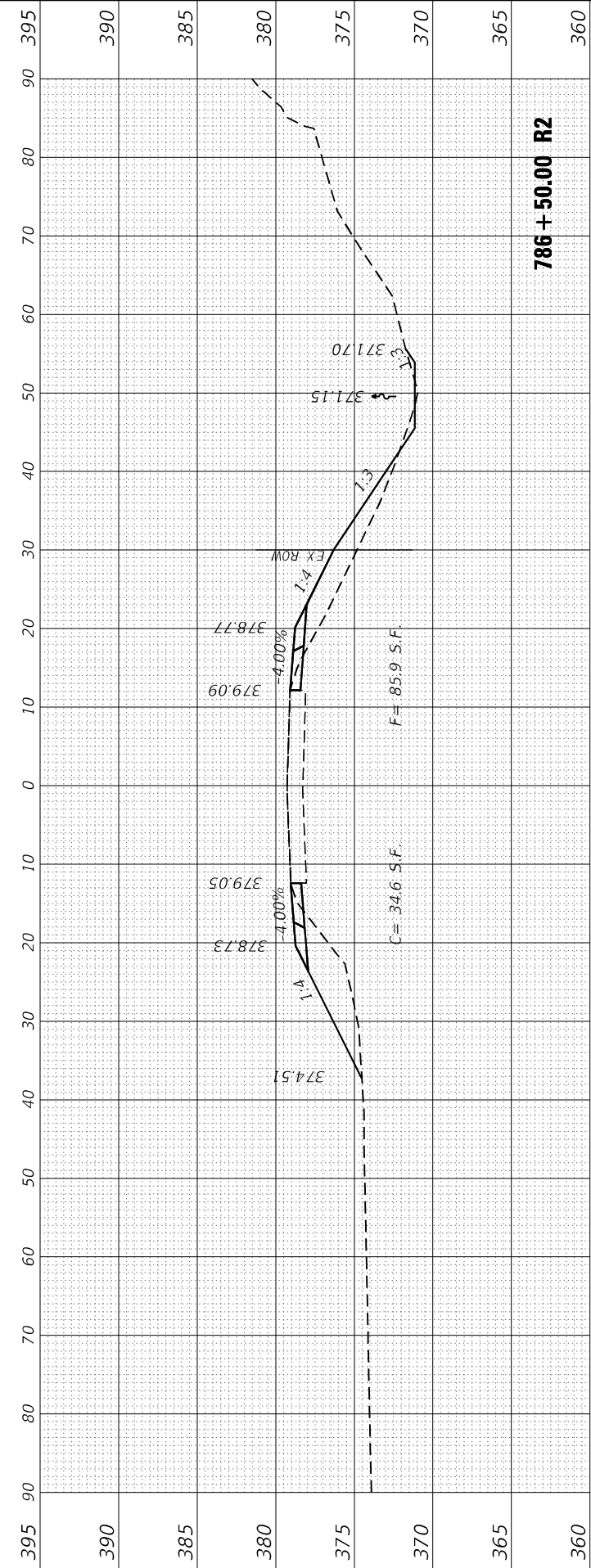
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	97
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

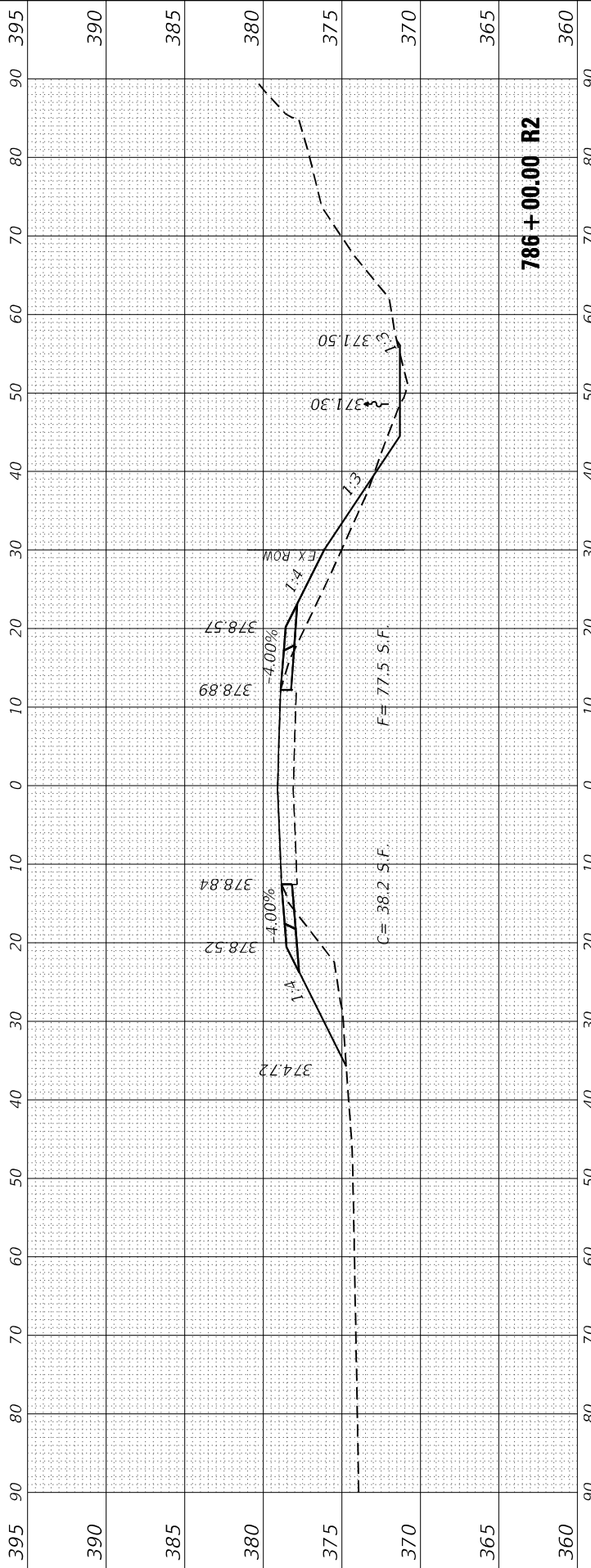
* WHITE/ GALLATIN



787+00.00 R2



786+50.00 R2



786+00.00 R2

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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EFK•Moen
Civil Engineering Design

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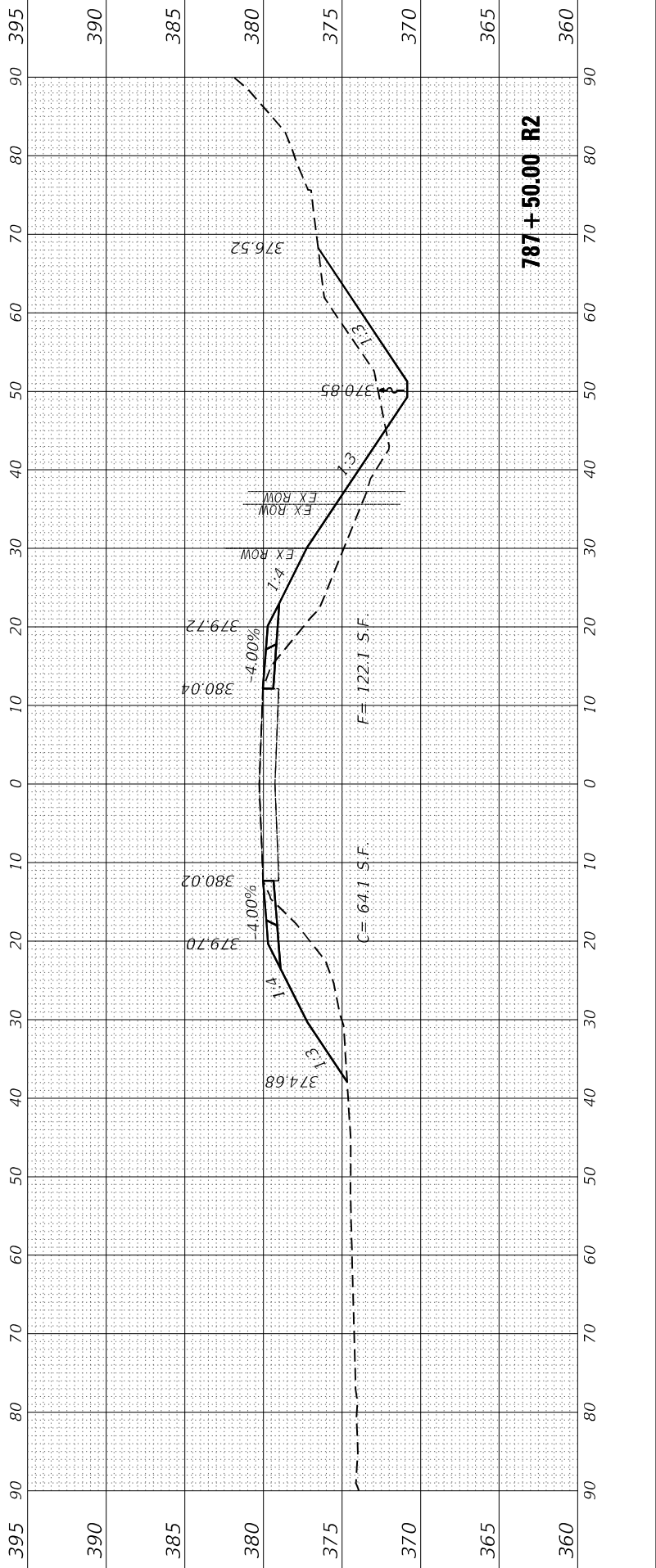
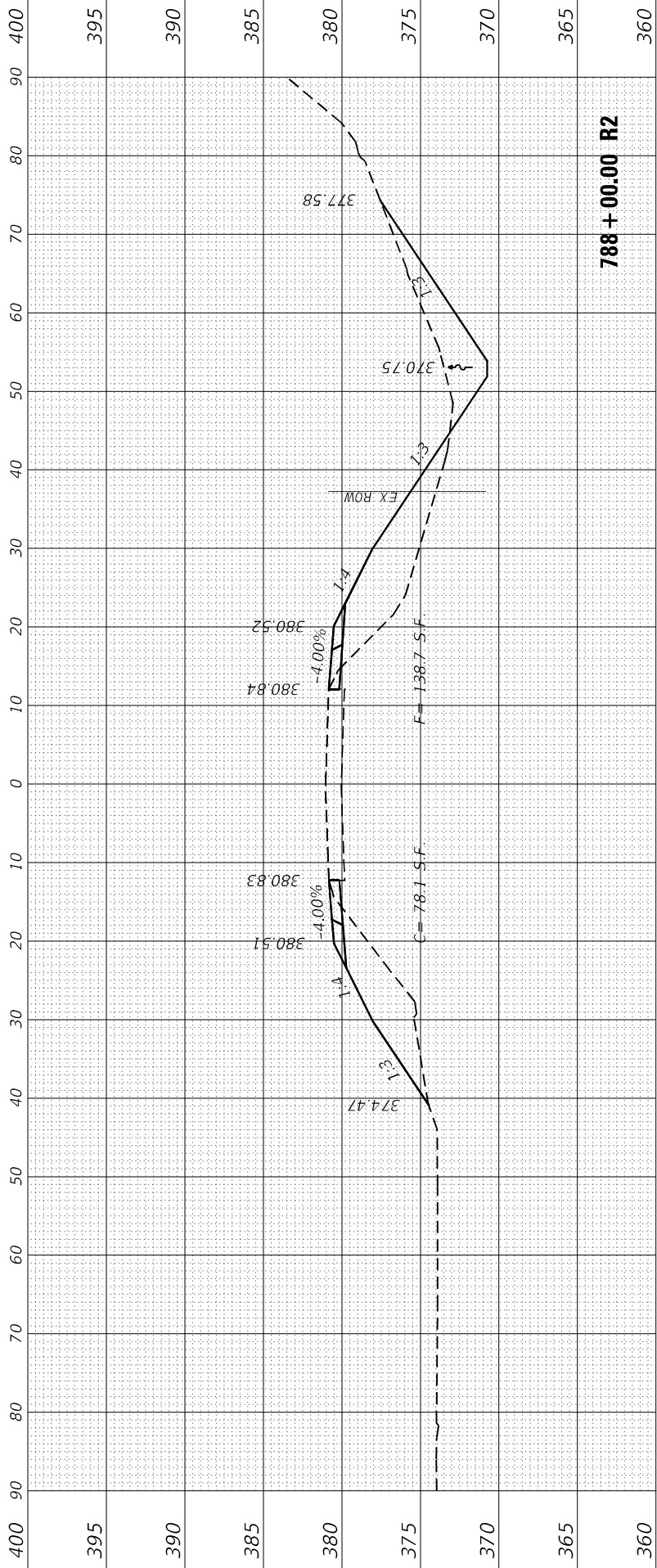
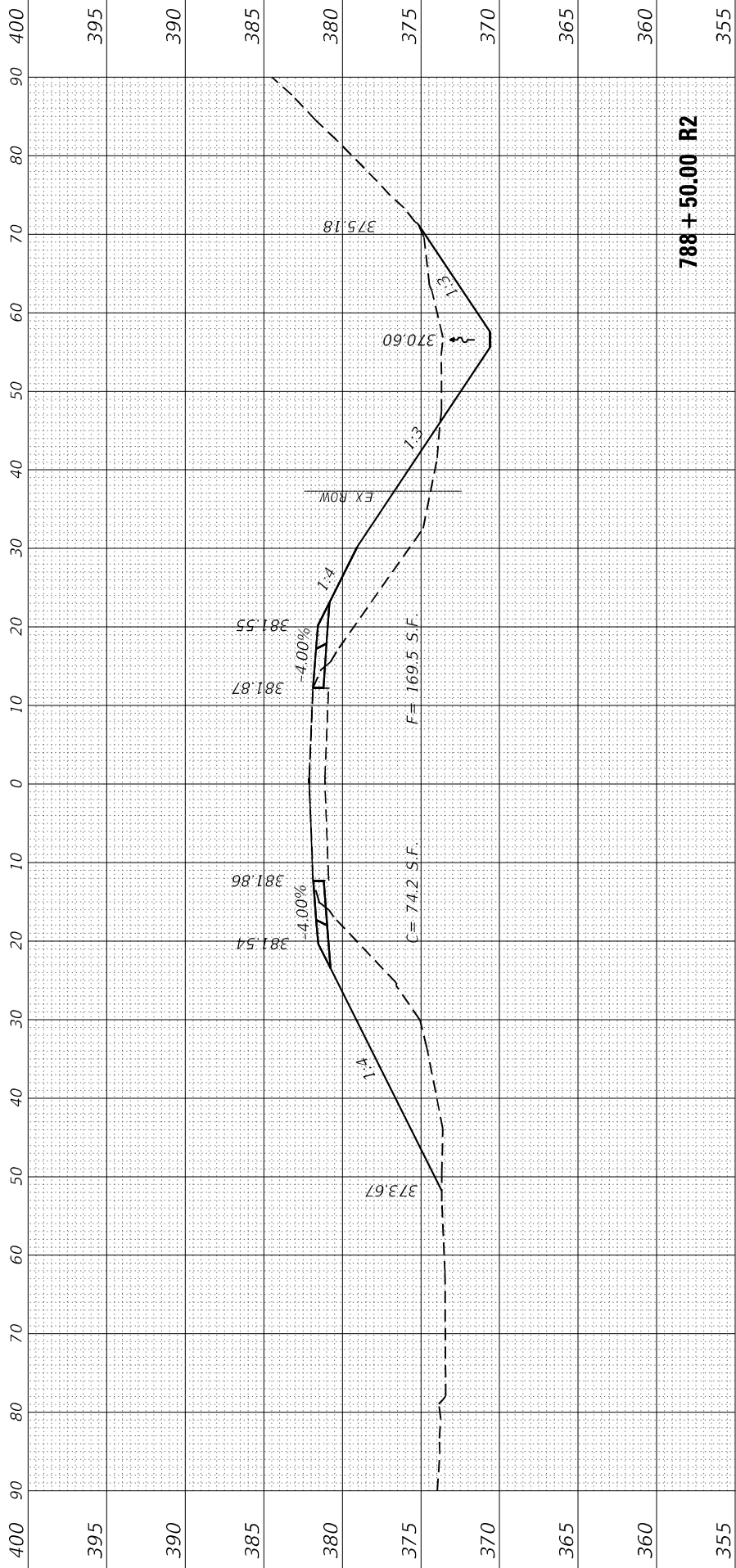
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 13 OF 80 SHEETS STA. 787+50.00 R2 TO STA. 788+50.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	98
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

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EFK•Moen
Civil Engineering Design

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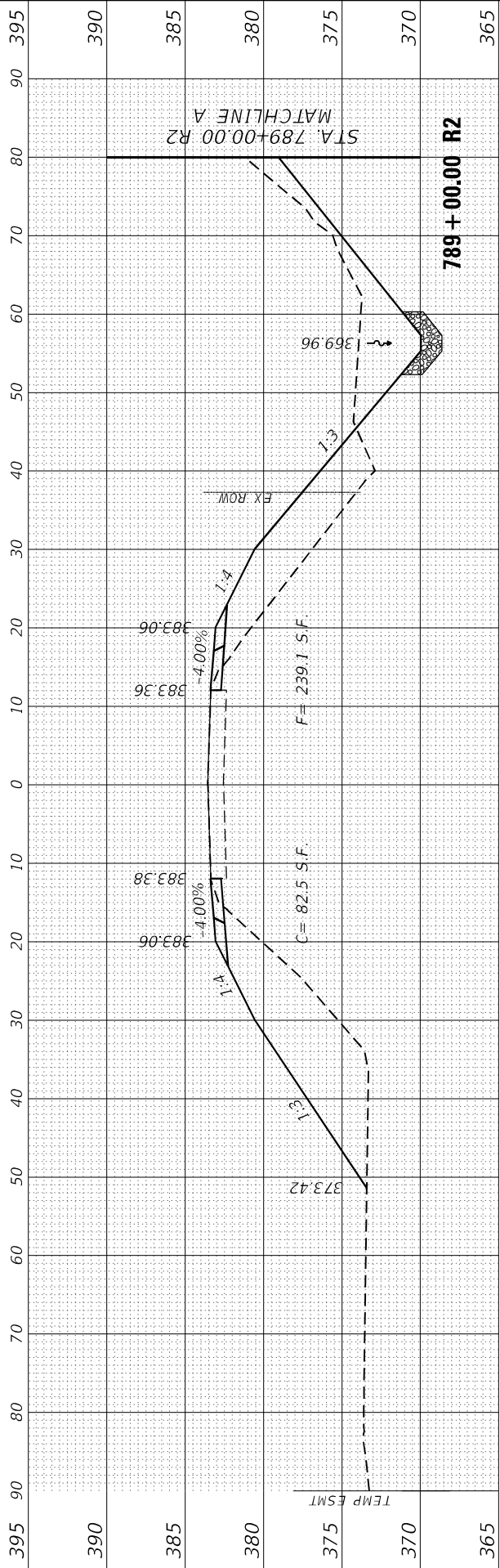
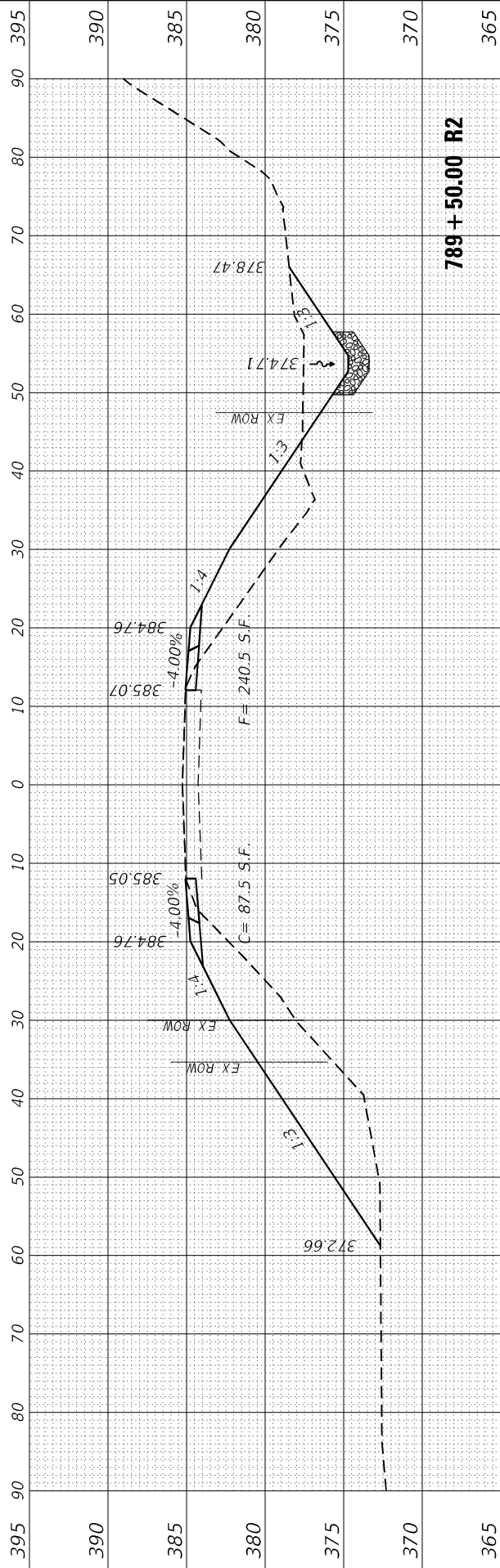
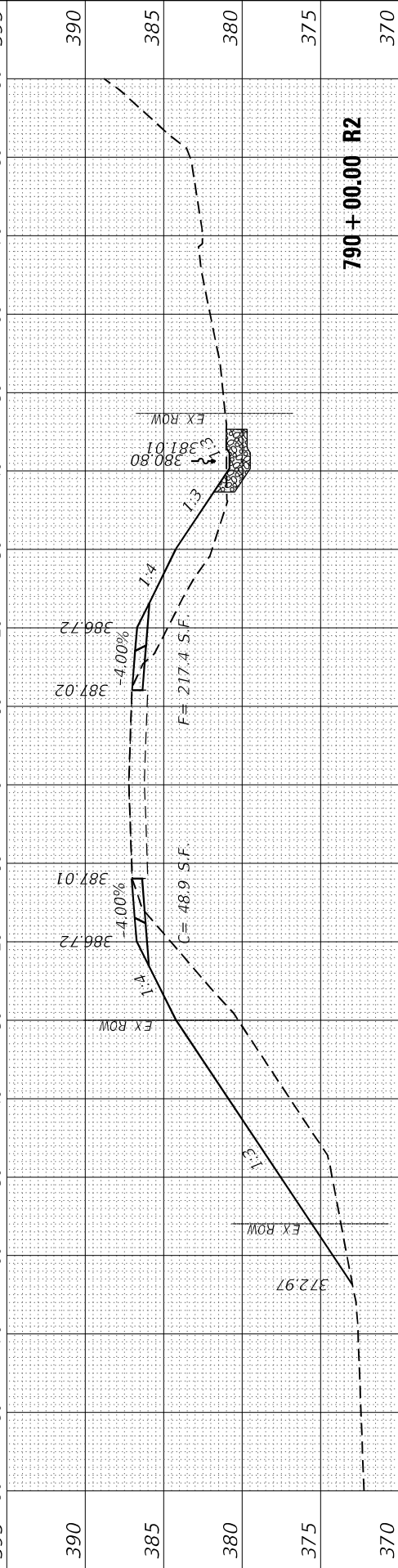
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 14 OF 80 SHEETS STA. 789+00.00 R2 TO STA. 790+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	99
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN



FINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NO.	AREAS CHECKED		

MODEL XS-N-00

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EFK•Moen
Civil Engineering Design

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PLOT DATE = 2/28/2025

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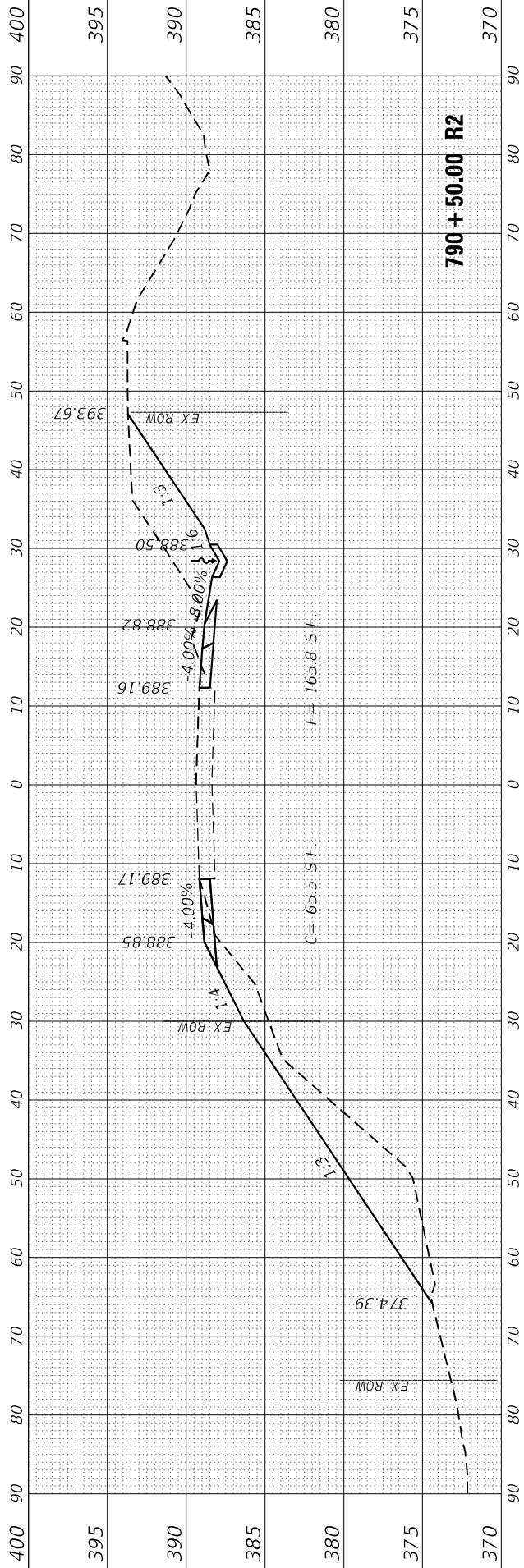
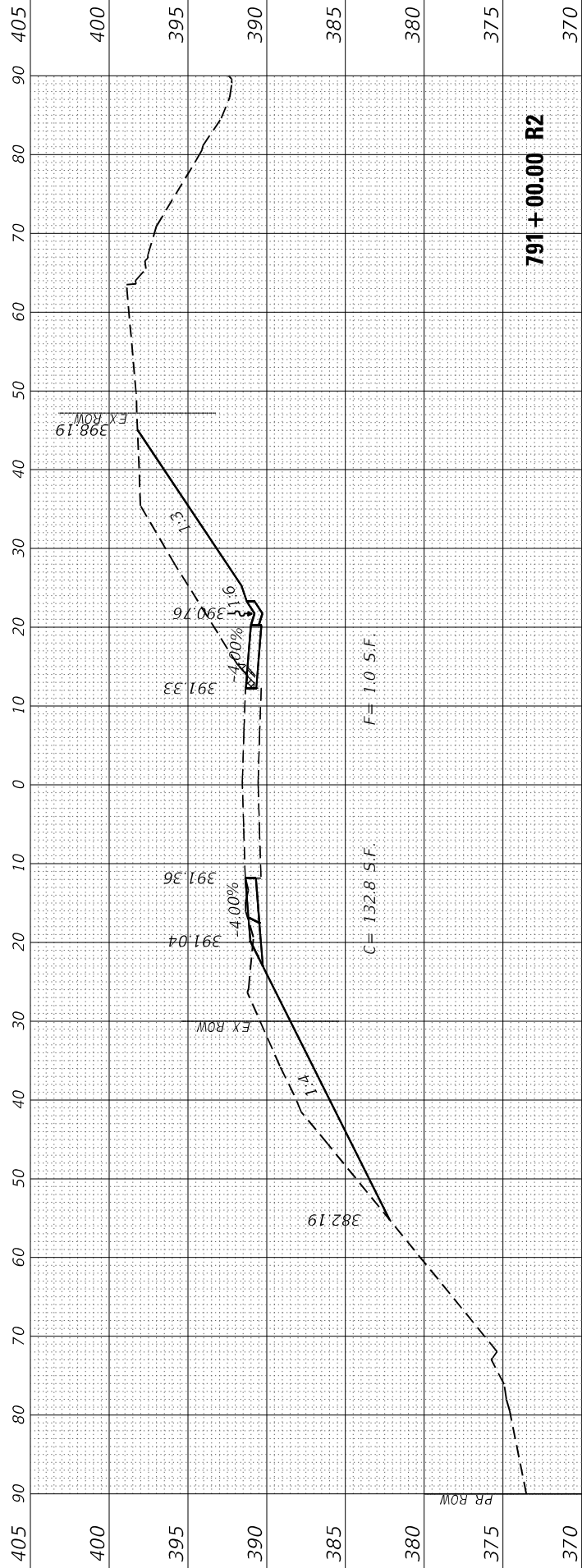
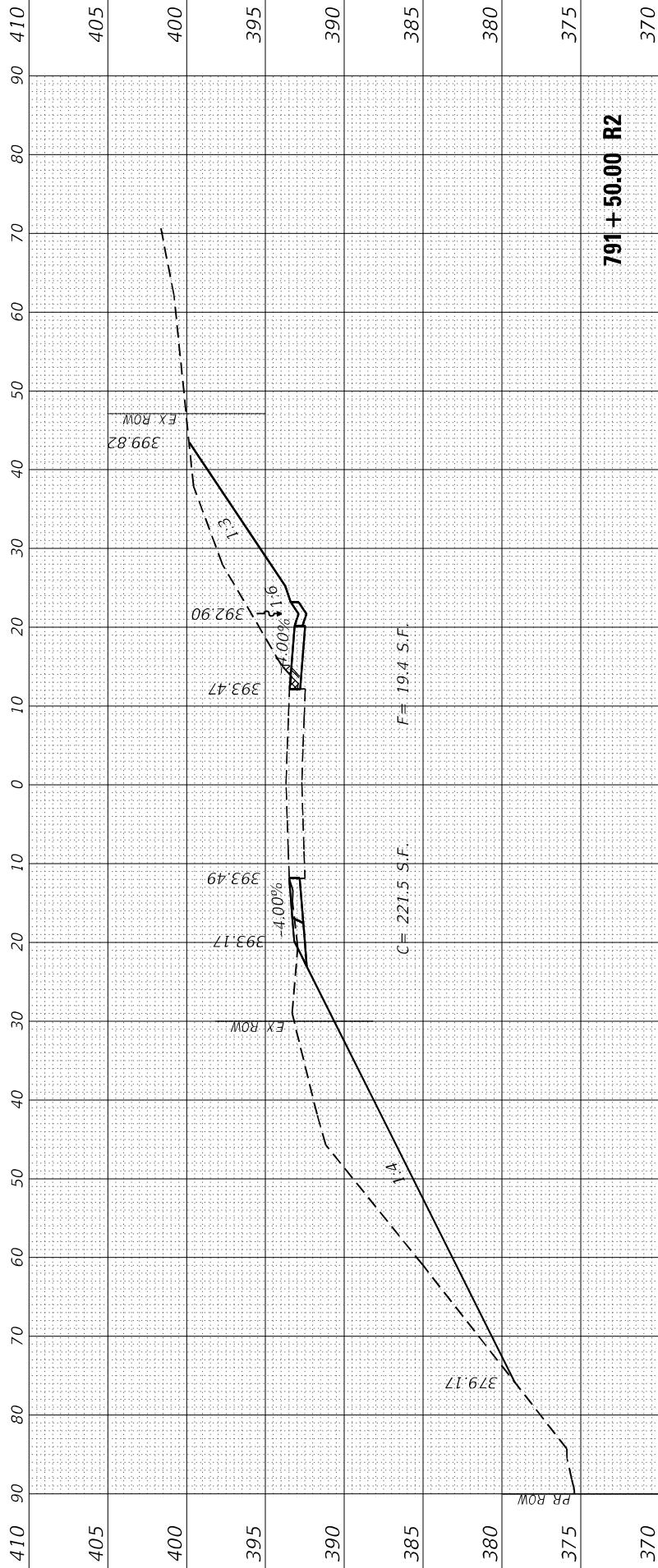
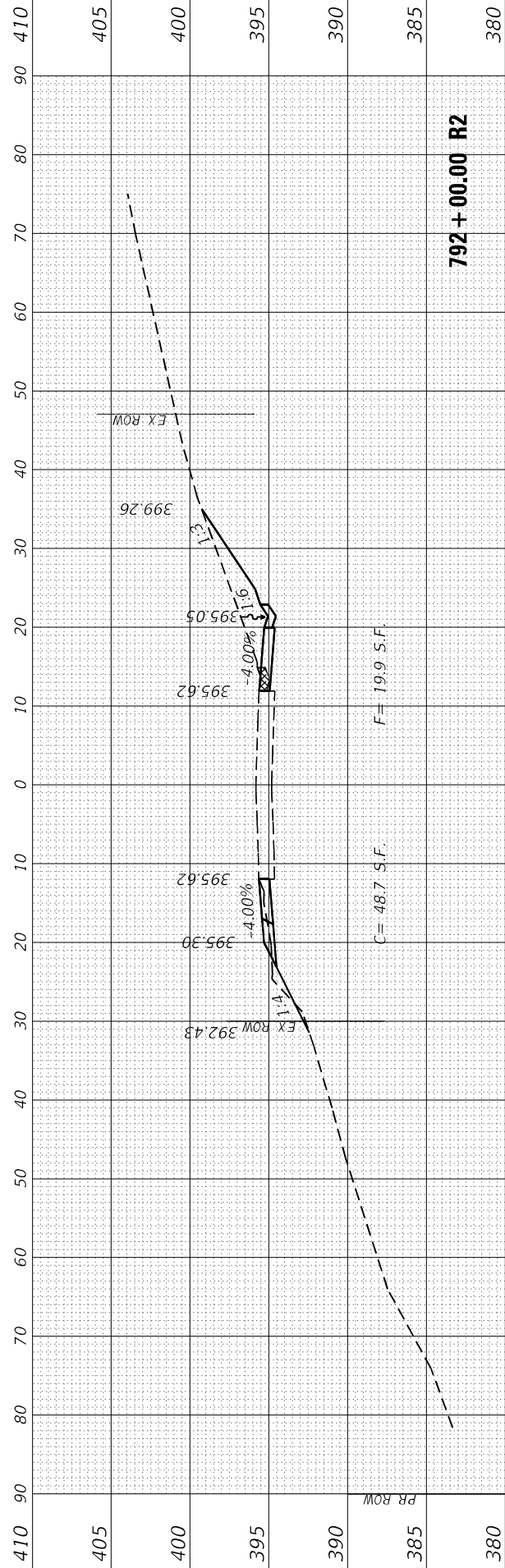
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 15 OF 80 SHEETS STA. 790+50.00 R2 TO STA. 792+00.00 R2

F.A.P. RTE.	SECTION	COUNT	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	100
** 332 / 877			CONTRACT NO. 78789	
ILLINOIS			FED. AID PROJECT	

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

MODEL XS-N-10
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EFK•Moen
Civil Engineering Design

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PLOT SCALE = 20,0000 * / in.
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DATE - 2/28/2025

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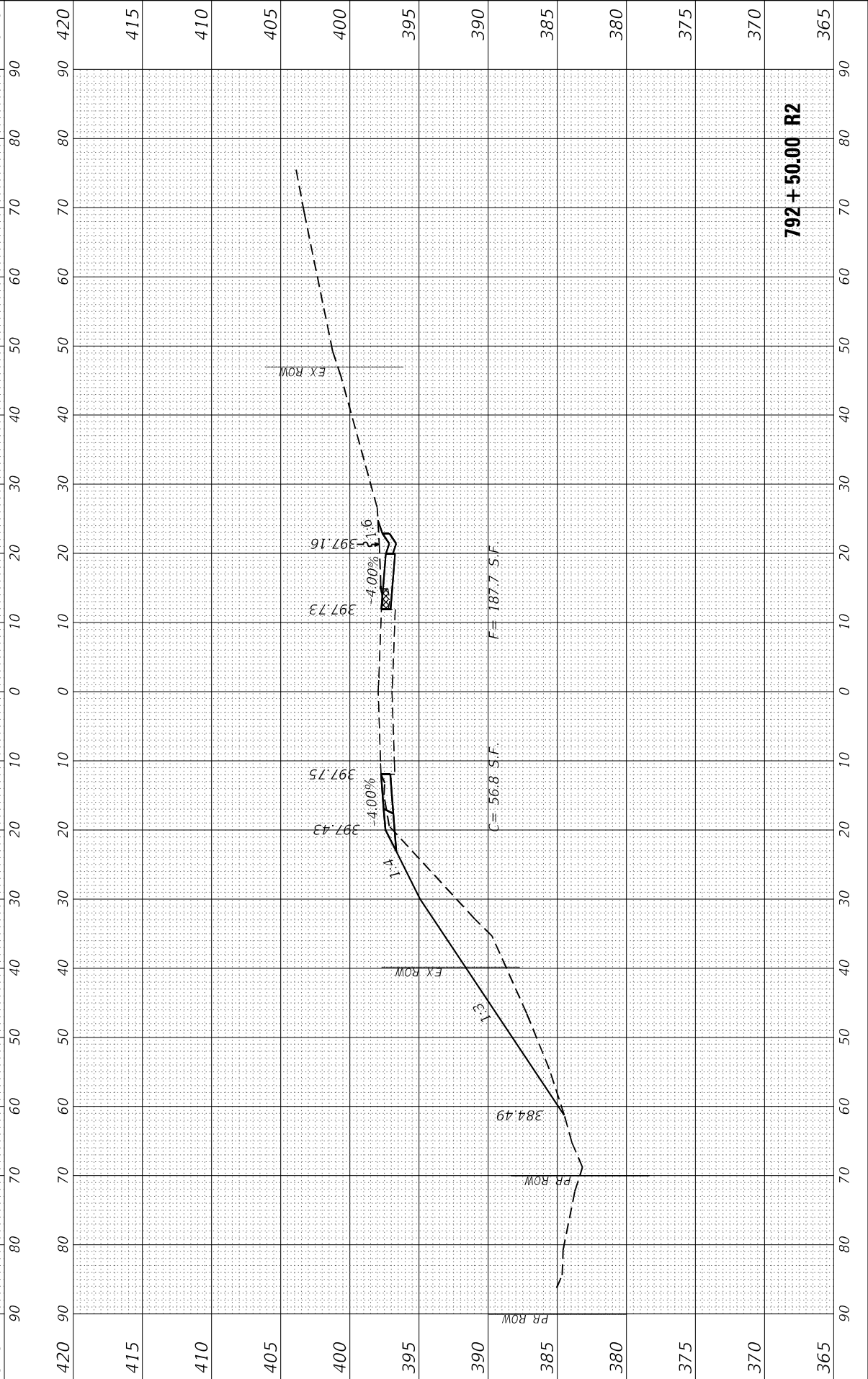
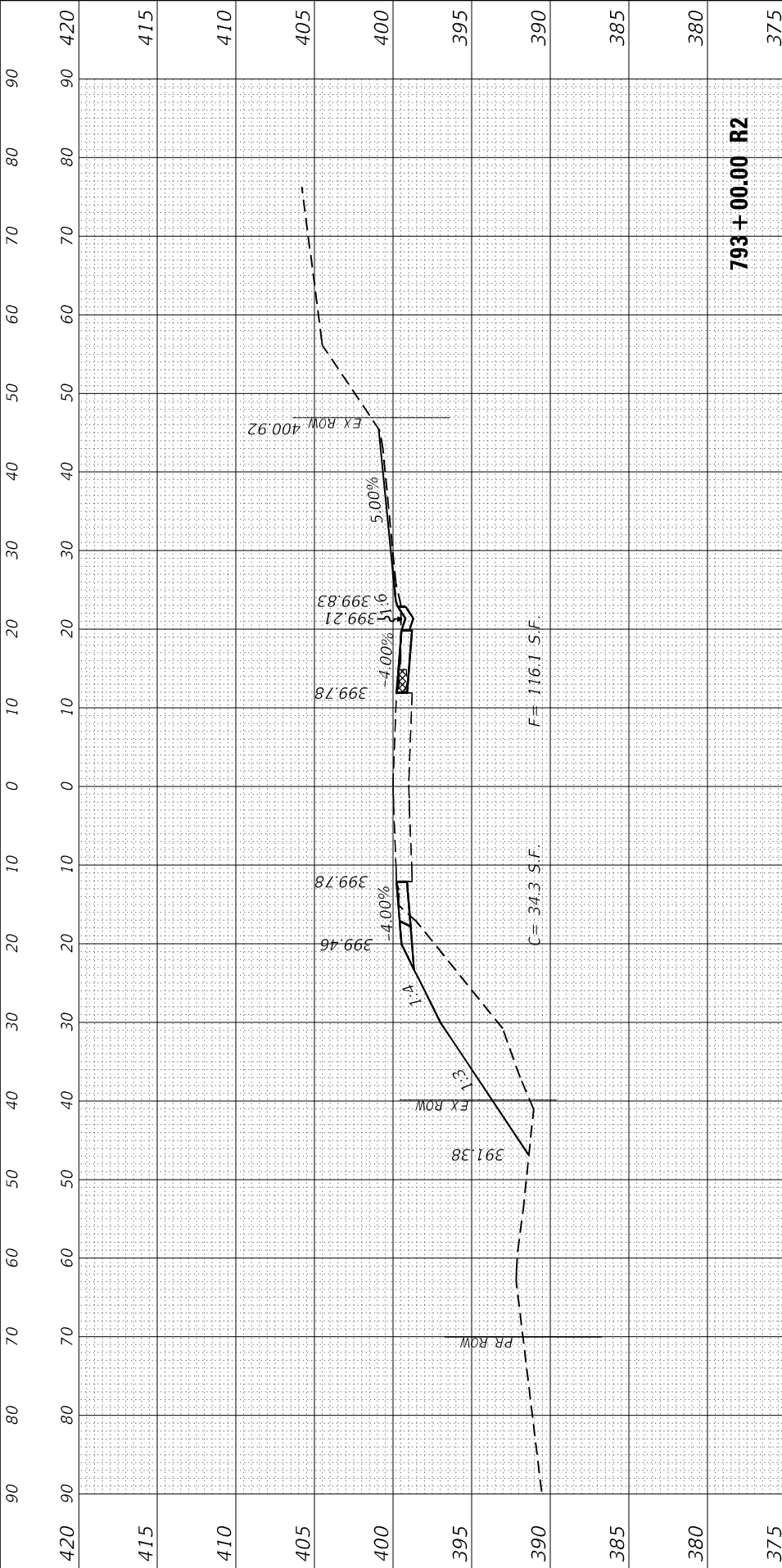
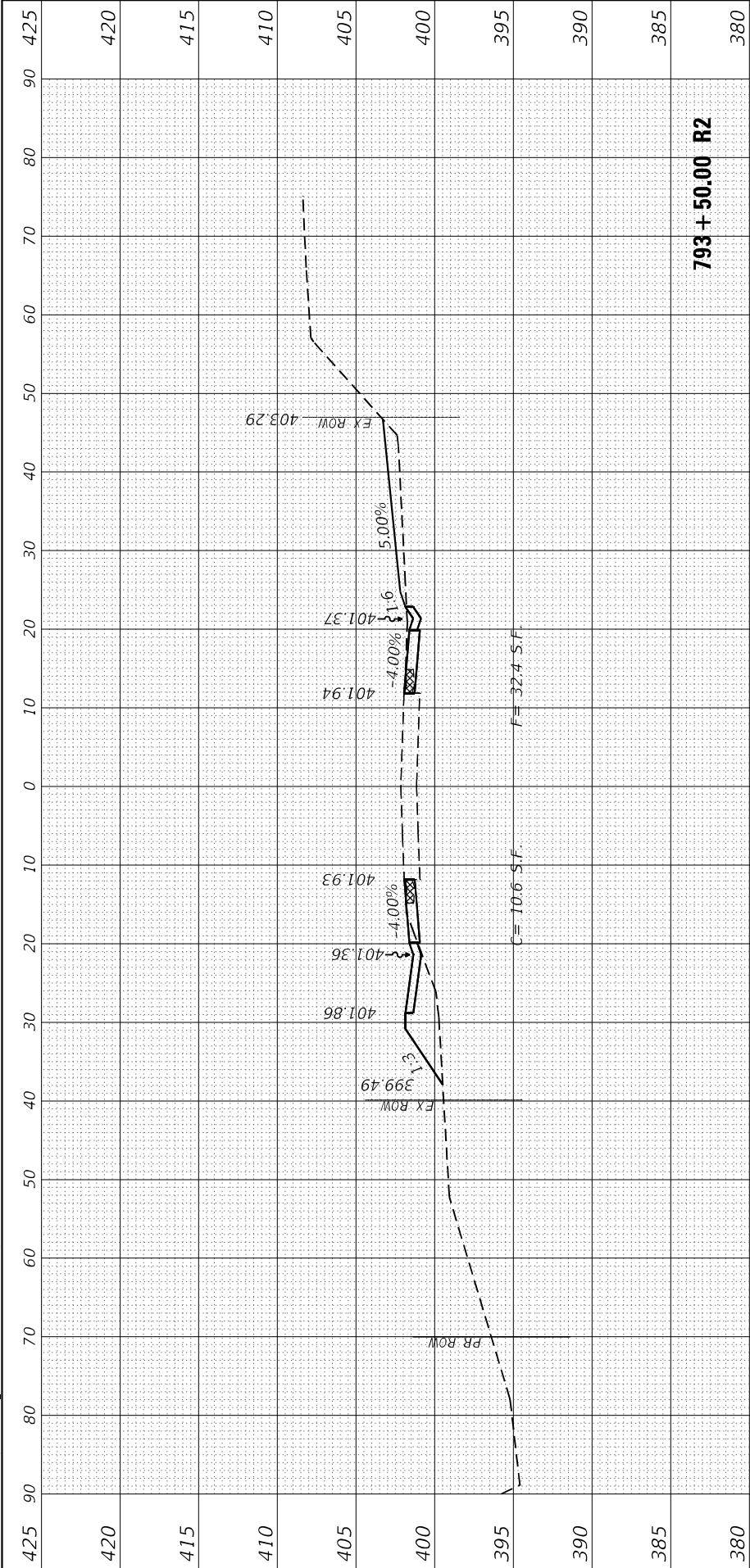
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 16 OF 80 SHEETS STA. 792+50.00 R2 TO STA. 793+50.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	101
** 332 / 877			CONTRACT NO. 78789	
ILLINOIS			FED. AID PROJECT	

* WHITE/ GALLATIN

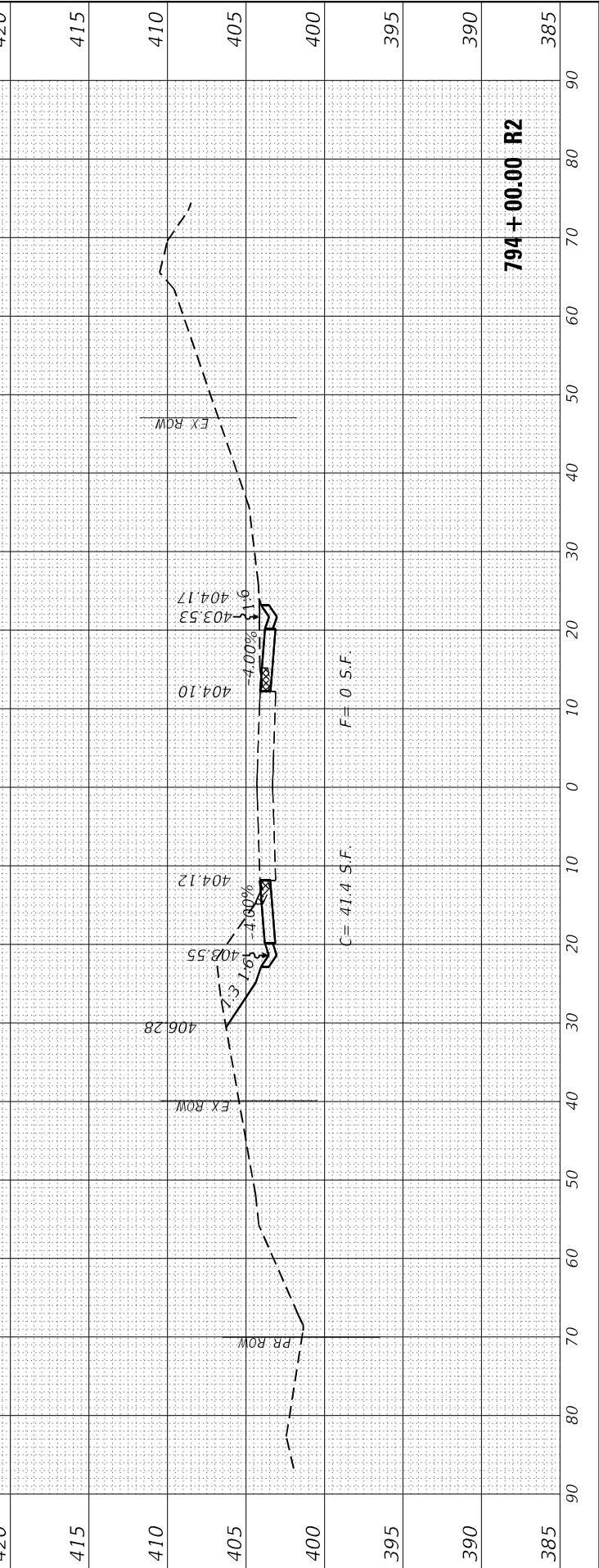
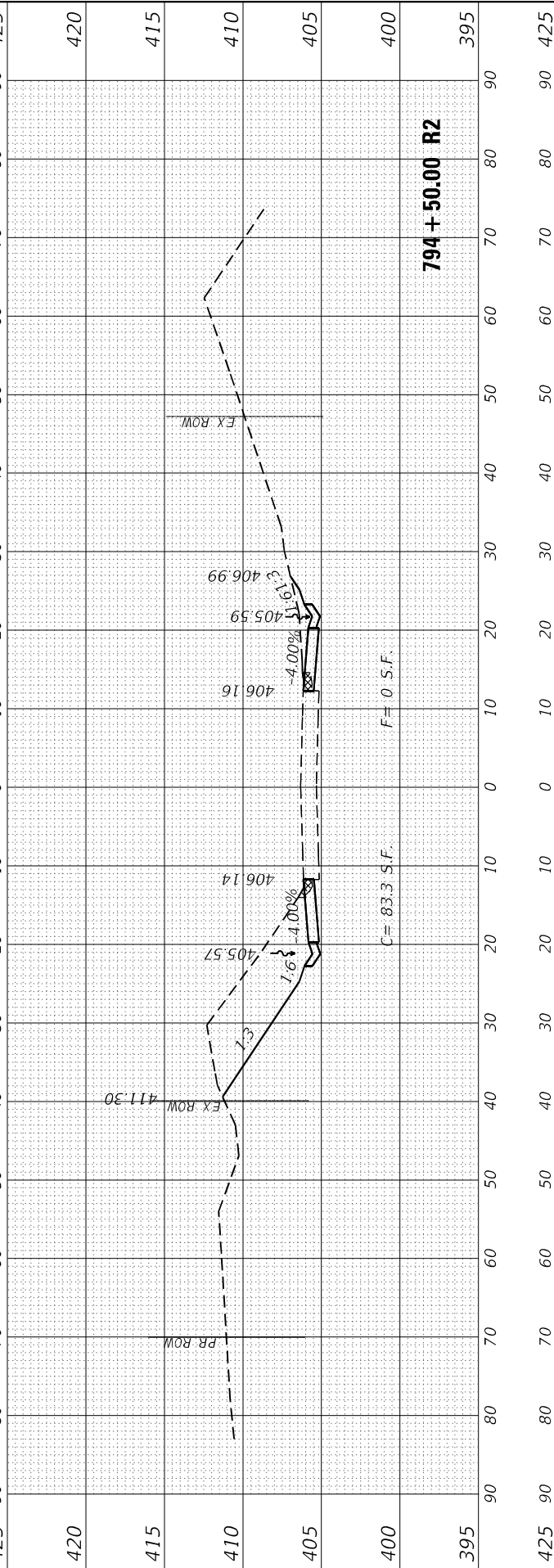
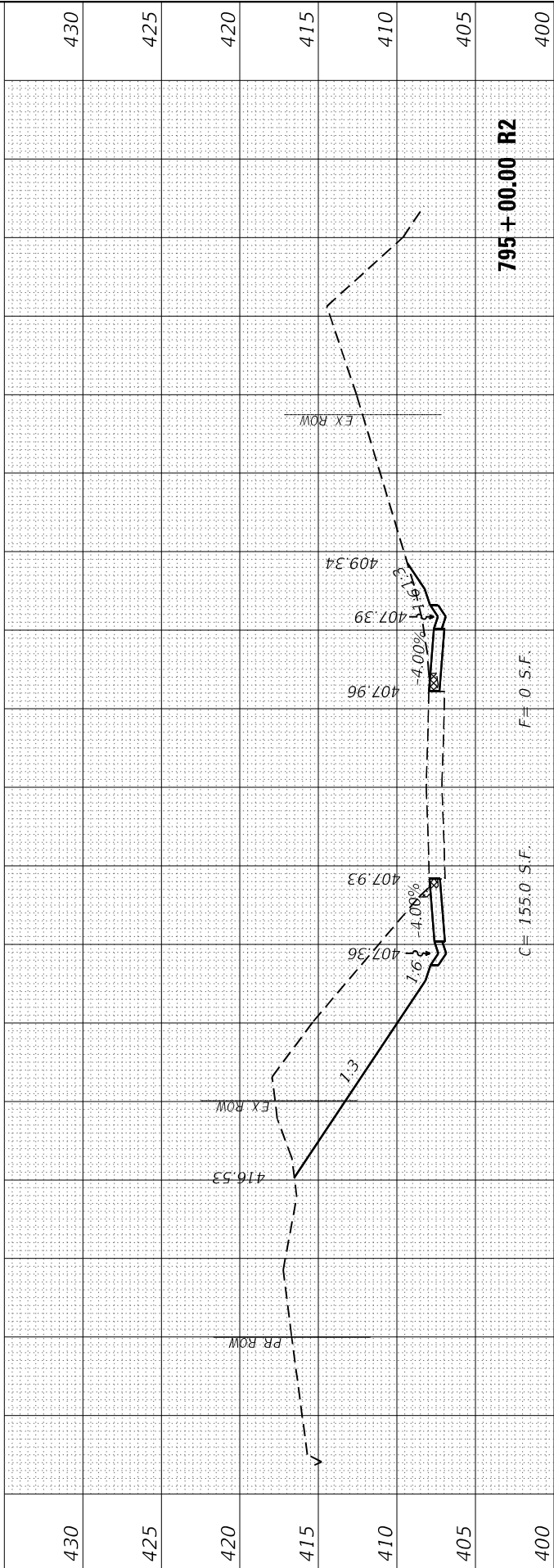
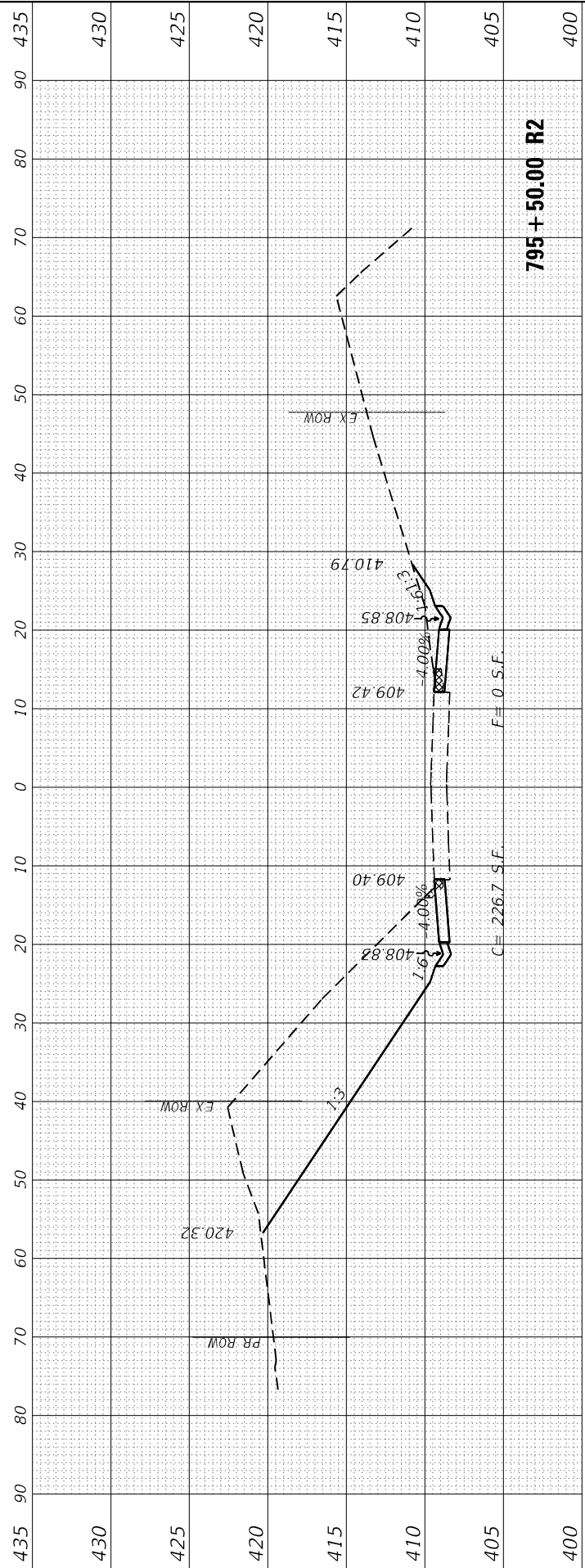


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NOTE BOOK	TEMPLATE _____		
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NO. _____	AREAS CHECKED _____		

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NOTE BOOK		PLOTTED _____		
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EFK♦Moen
Civil Engineering Design

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PLOT DATE	= 2/28/2025

DESIGNED	-	AEH
DRAWN	-	ZJW
CHECKED	-	SLD
DATE	-	2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 17 OF 80 SHEETS	STA. 794+00.00 R2 TO STA. 795+50.00 R2
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

FINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK AREAS CHECKED	BY	DATE

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EFK•Moen
Civil Engineering Design

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	DRAWN - ZJW
PLOT SCALE = 20,0000 * / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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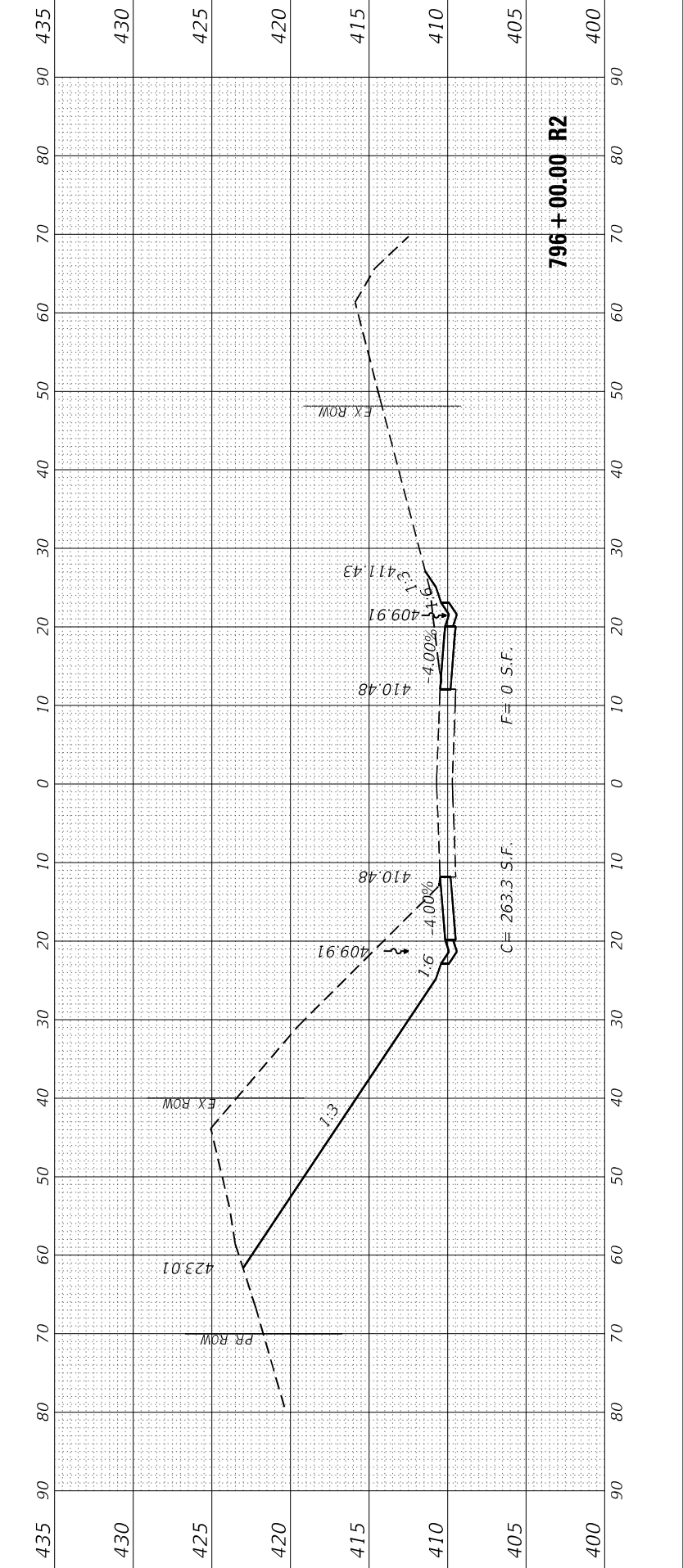
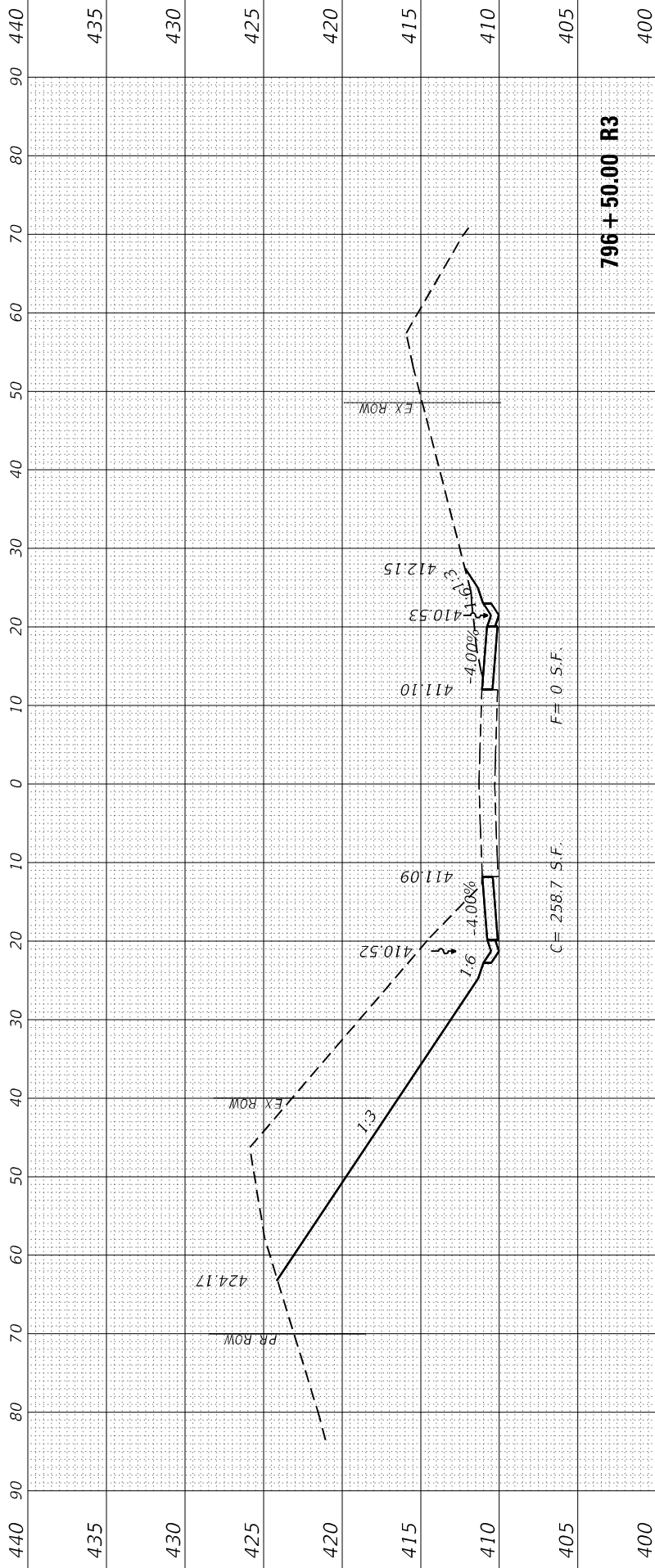
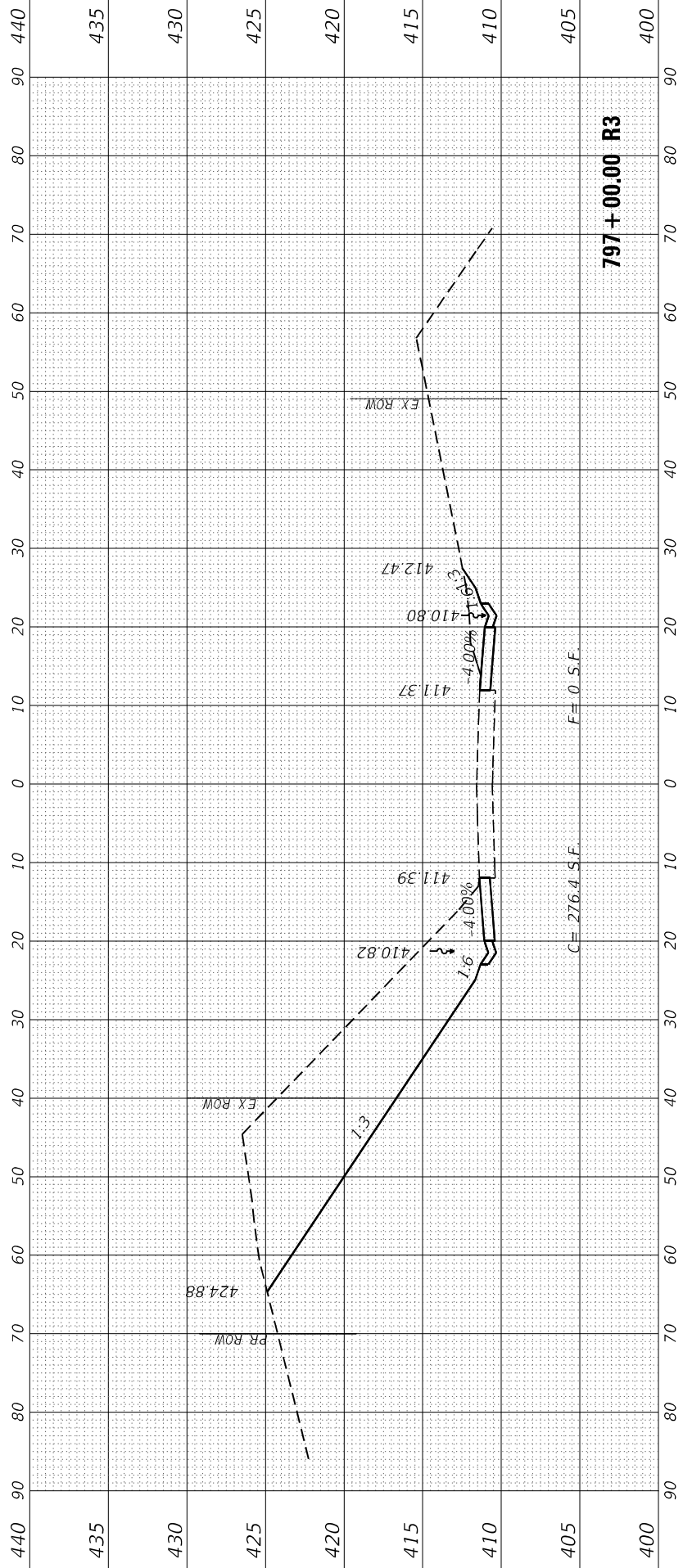
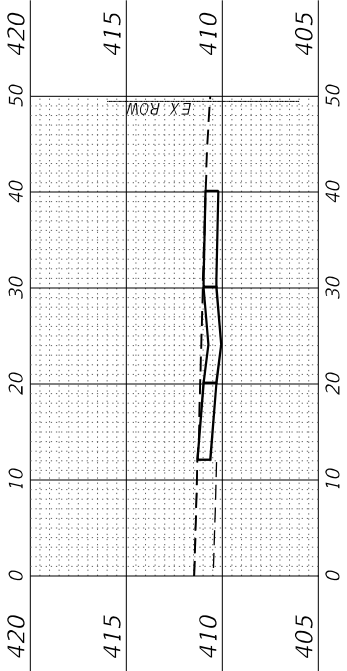
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 18 OF 80 SHEETS STA. 796+00.00 R2 TO STA. 797+35.75 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	103
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

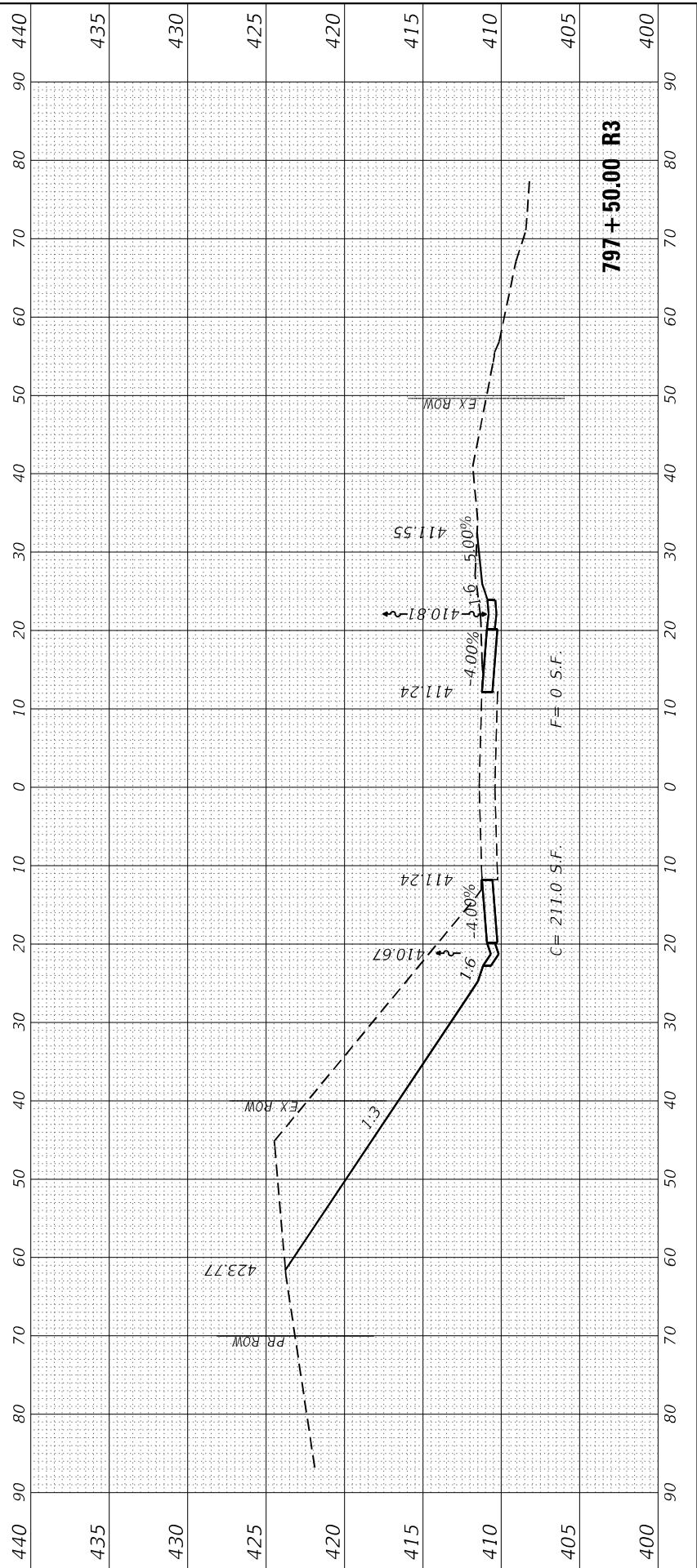
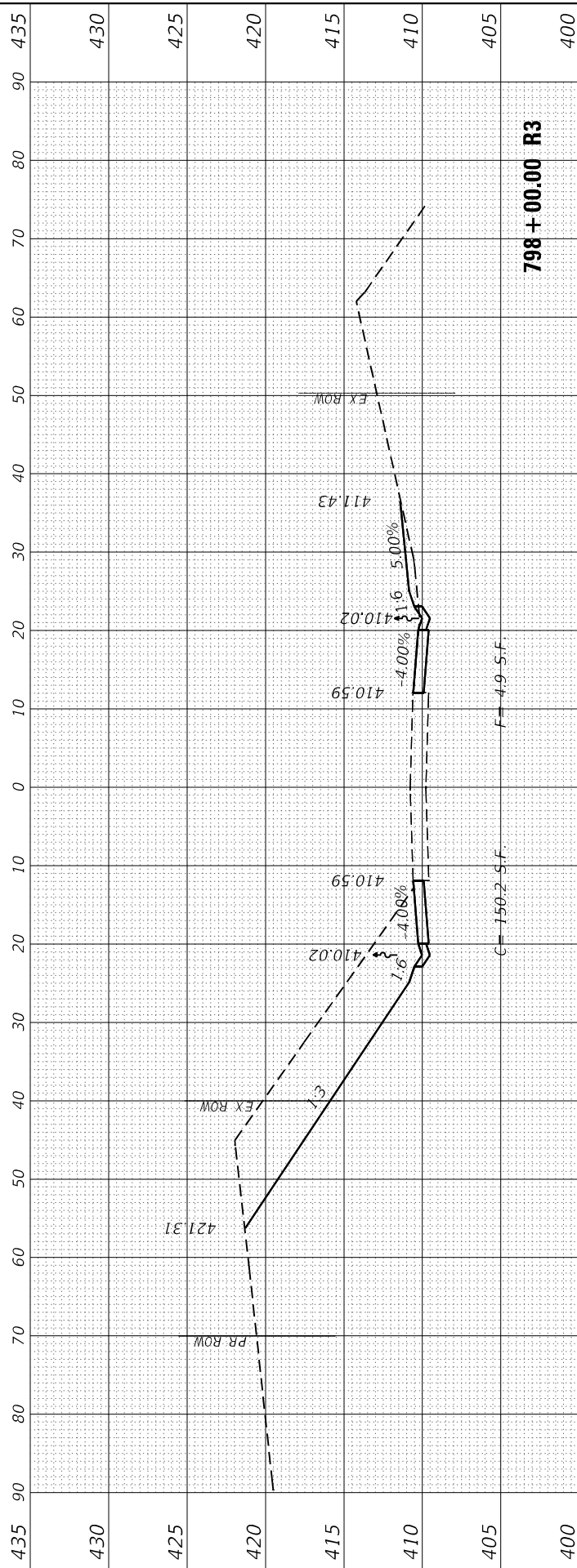
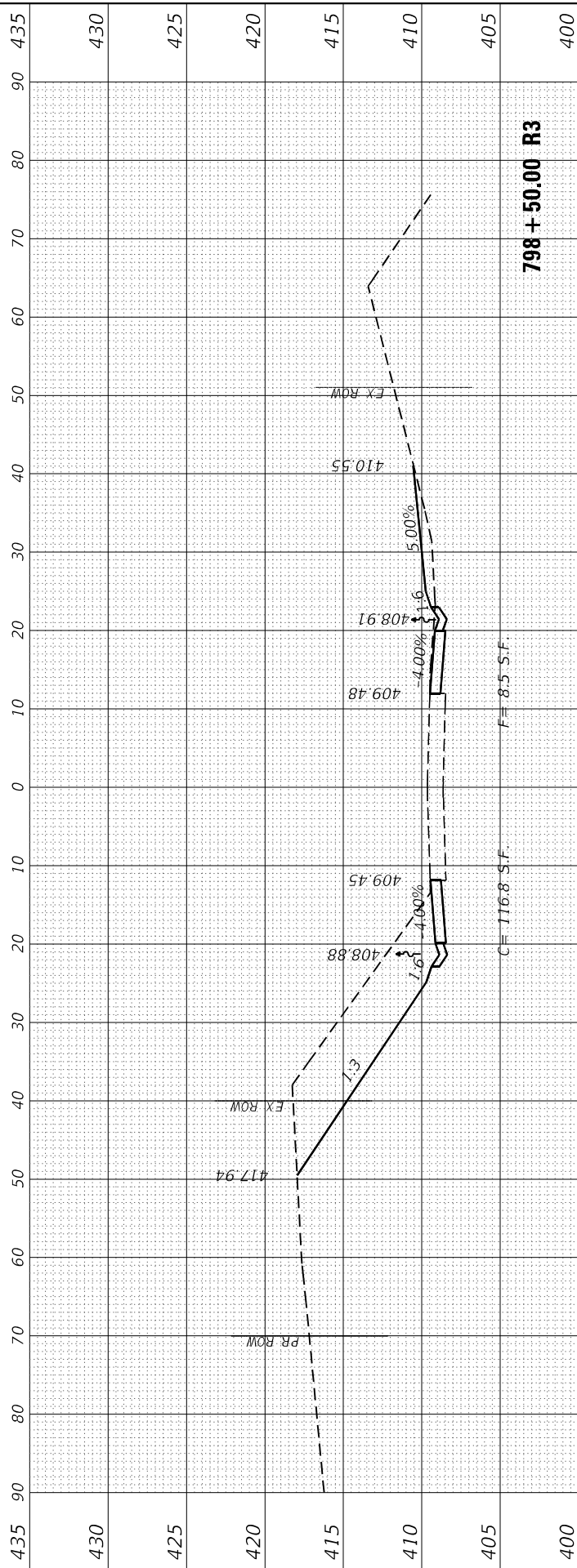
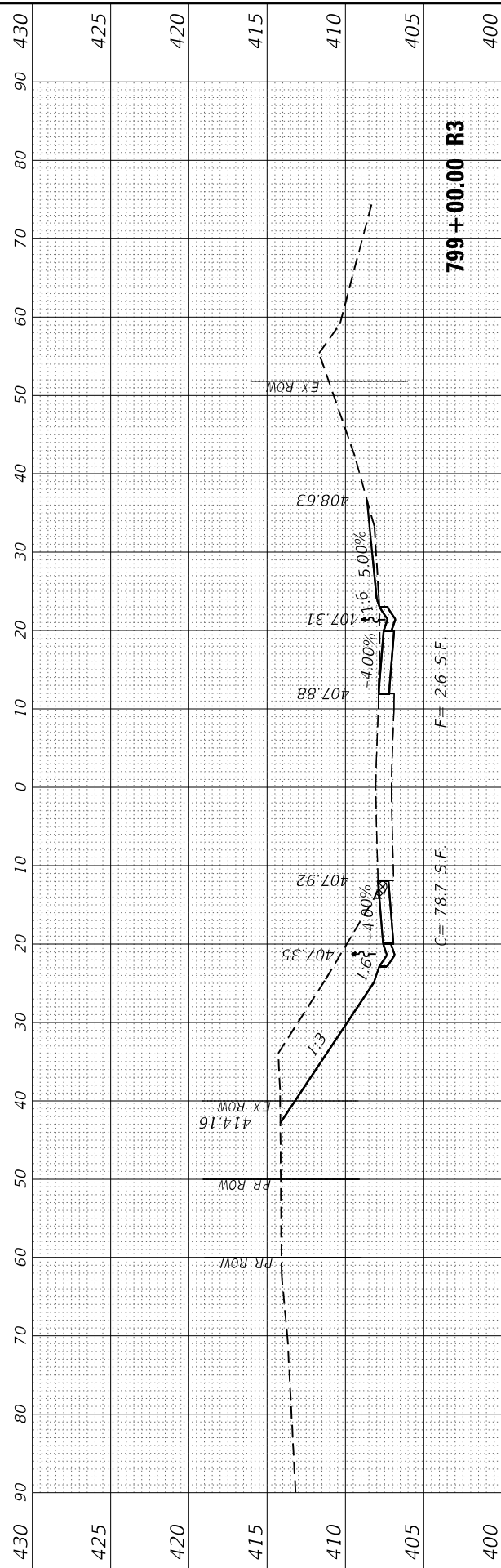


FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

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

MODEL: X5-N-50
FILE NAME: Z:\20

FILE NAME: Z:\20063.18 US 45\Design\Final\CAD_Sheets\080-116-D978789-XS-N.dgn



	USER NAME = ZWaters	DESIGNED - AEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 332 CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,000' / in.	DRAWN - ZJW	REVISED -						**	(28,29,100,101-2)SR-1,N-1	*	165	104
	PLOT DATE = 2/28/2025	CHECKED - SLD	REVISED -		** 332 / 877					CONTRACT NO. 78789			
	DATE - 2/28/2025	REVISED -	SCALE: 5" = 10'H		SHEET 19 OF 80 SHEETS	STA. 797+50.00 R3 TO STA. 799+00.00 R3	ILLINOIS FED. AID PROJECT						

* WHITE/ GALLATIN

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

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

MODEL XS-N-10
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EFK♦Moen
Civil Engineering Design

USER NAME	= ZWaters
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 2/28/2025

DESIGNED -	AEH
DRAWN -	ZJW
CHECKED -	SLD
DATE -	2/28/2025

REVISED -	
REVISED -	
REVISED -	
REVISED -	

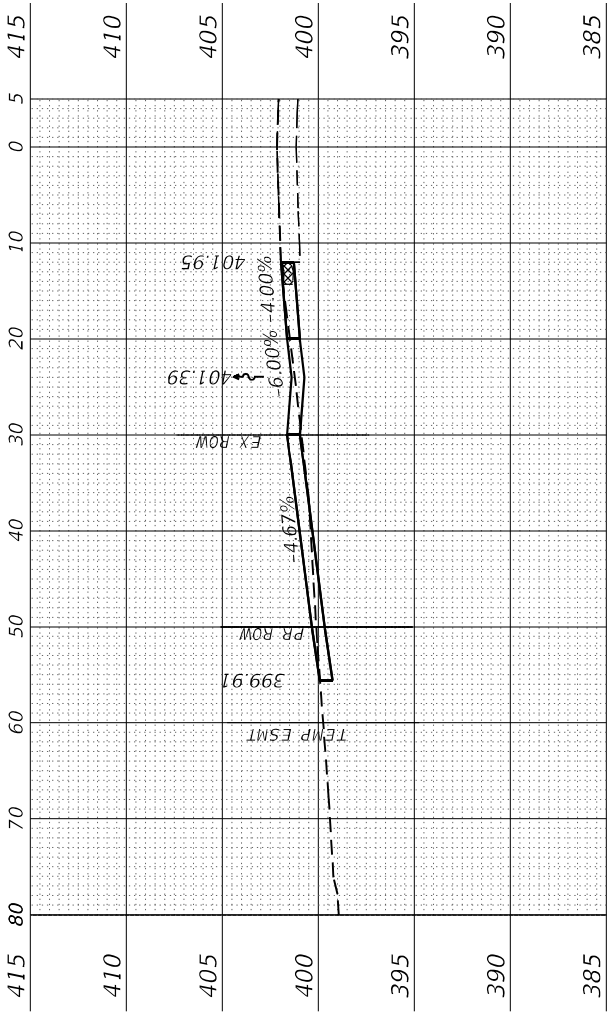
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

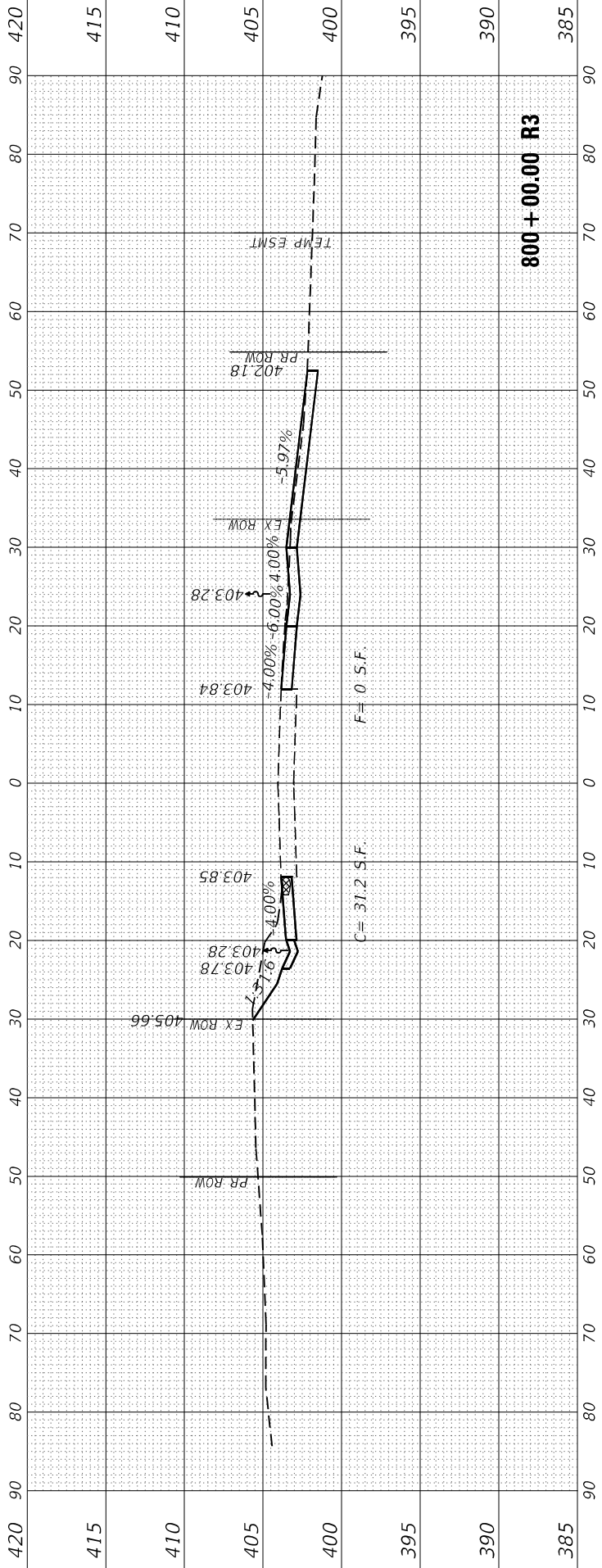
SCALE: 5"V : 10'H	SHEET 20 OF 80 SHEETS	STA. 799+50.00 R3 TO STA. 800+42.71 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	105
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

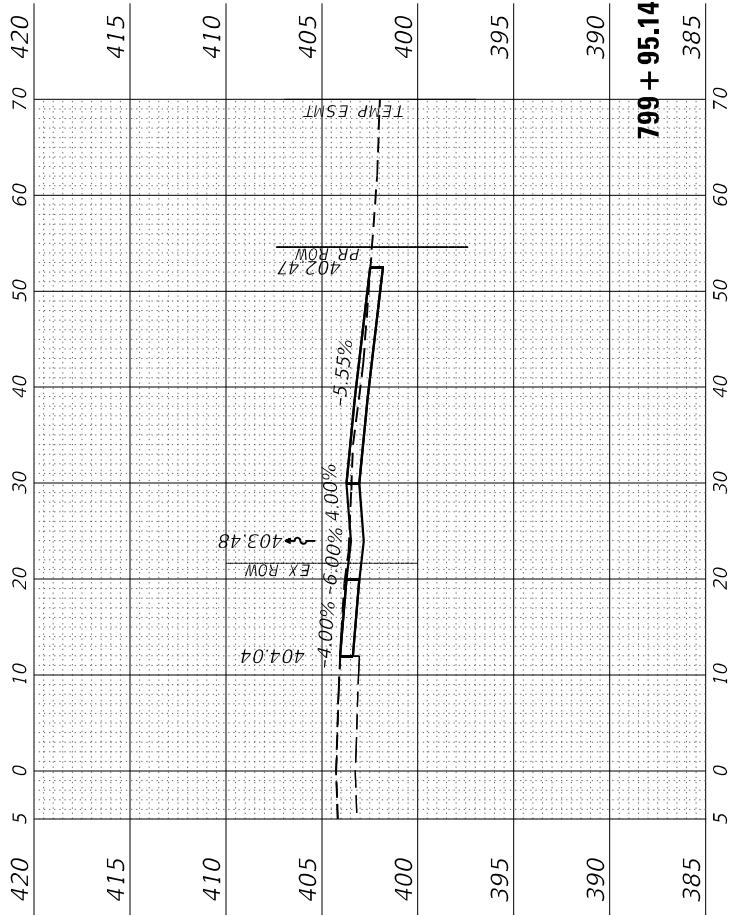
* WHITE/ GALLATIN



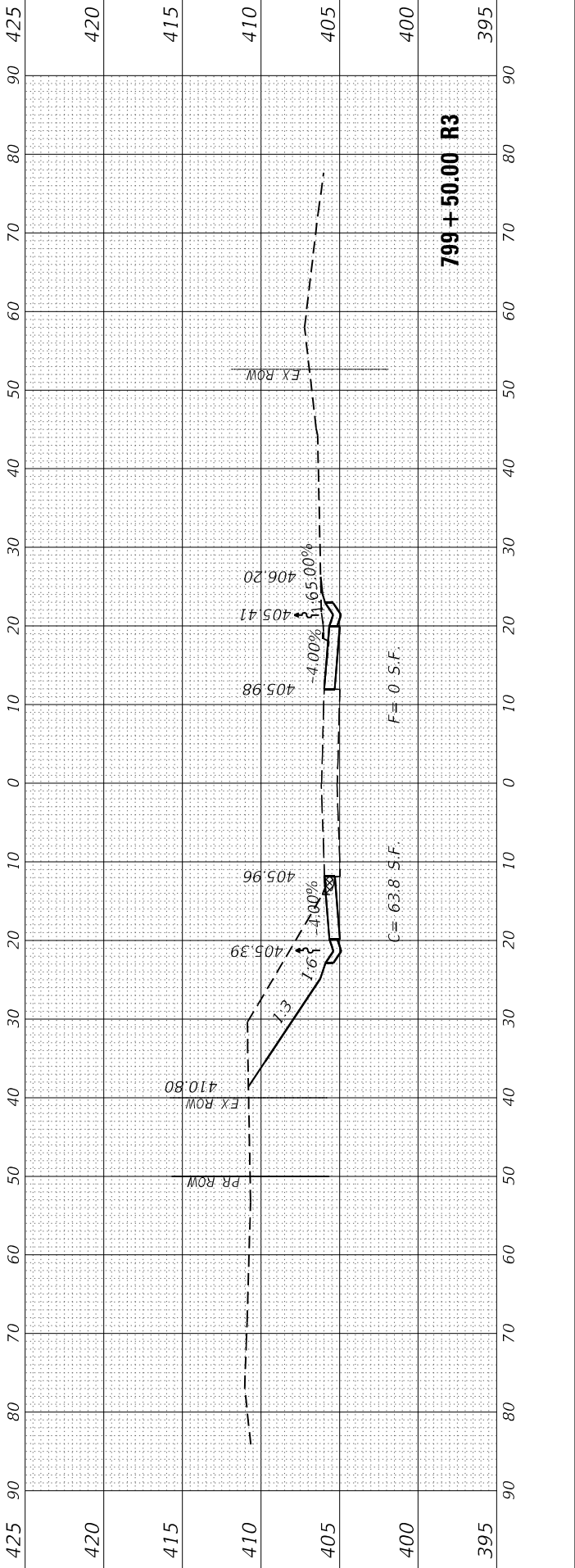
800 + 42.71 R3



800 + 00.00 R3



799 + 95.14 R3



799 + 50.00 R3

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

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

MODEL XS-V-10

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EFK♦Moen
Civil Engineering Design

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	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

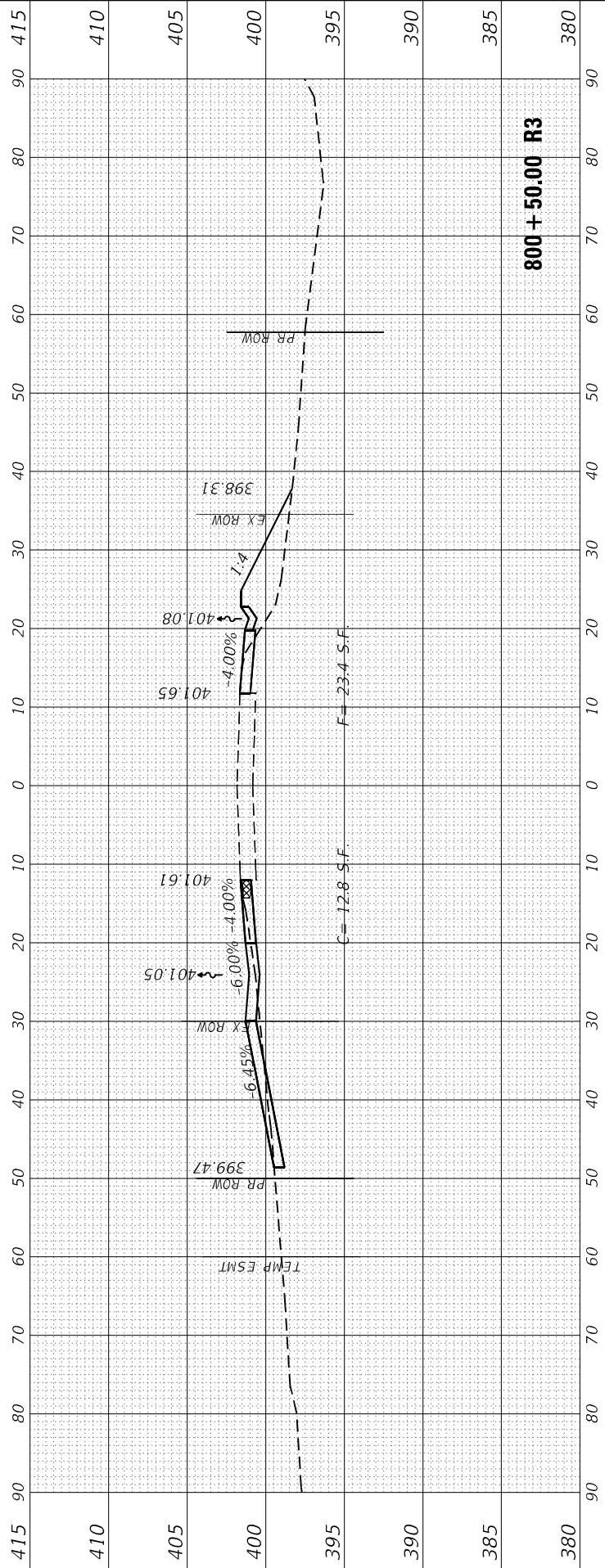
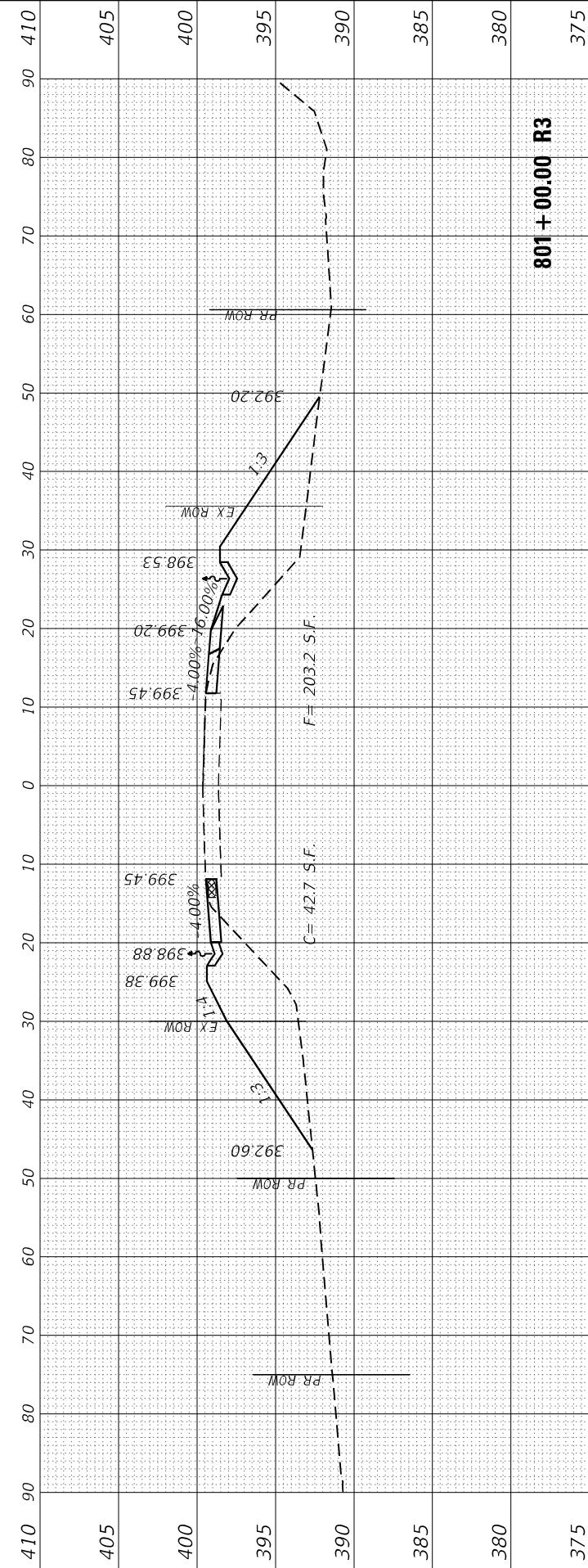
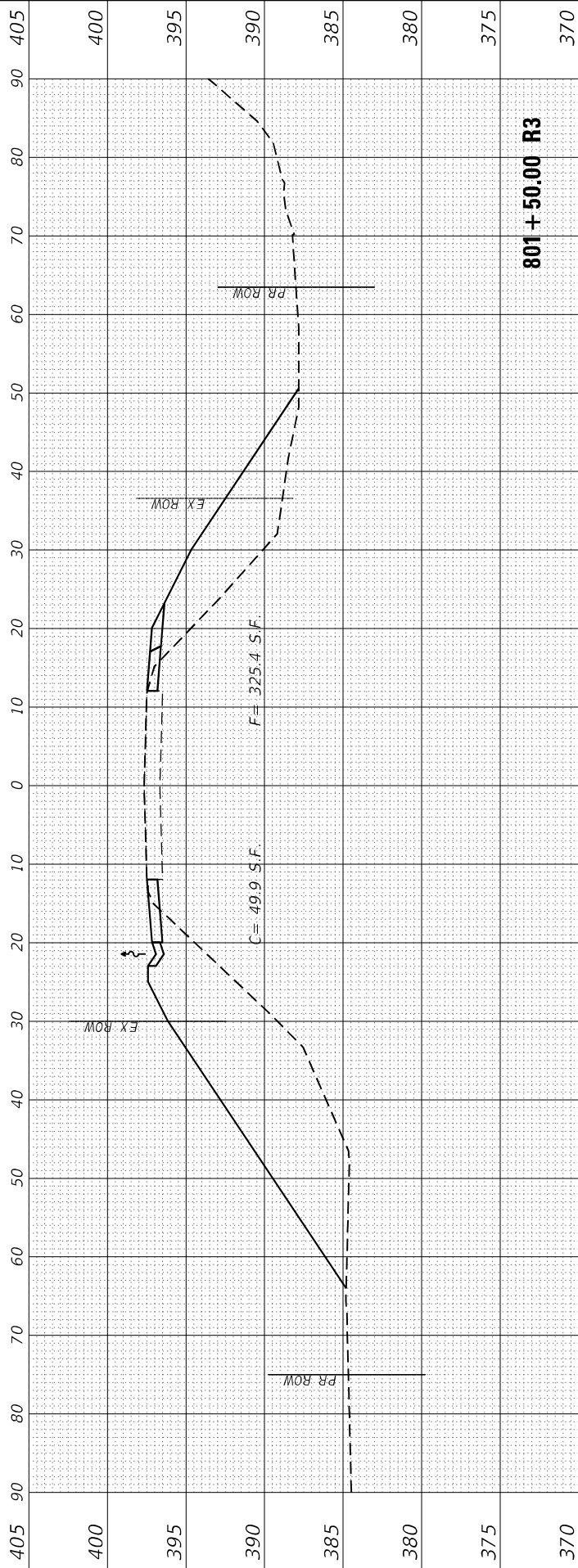
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 21 OF 80 SHEETS STA. 800+50.00 R3 TO STA. 801+50.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	106
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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FILE NAME: Z:\20

MODEL: XS-N-50

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EFK♦Moen
Civil Engineering Design

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	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

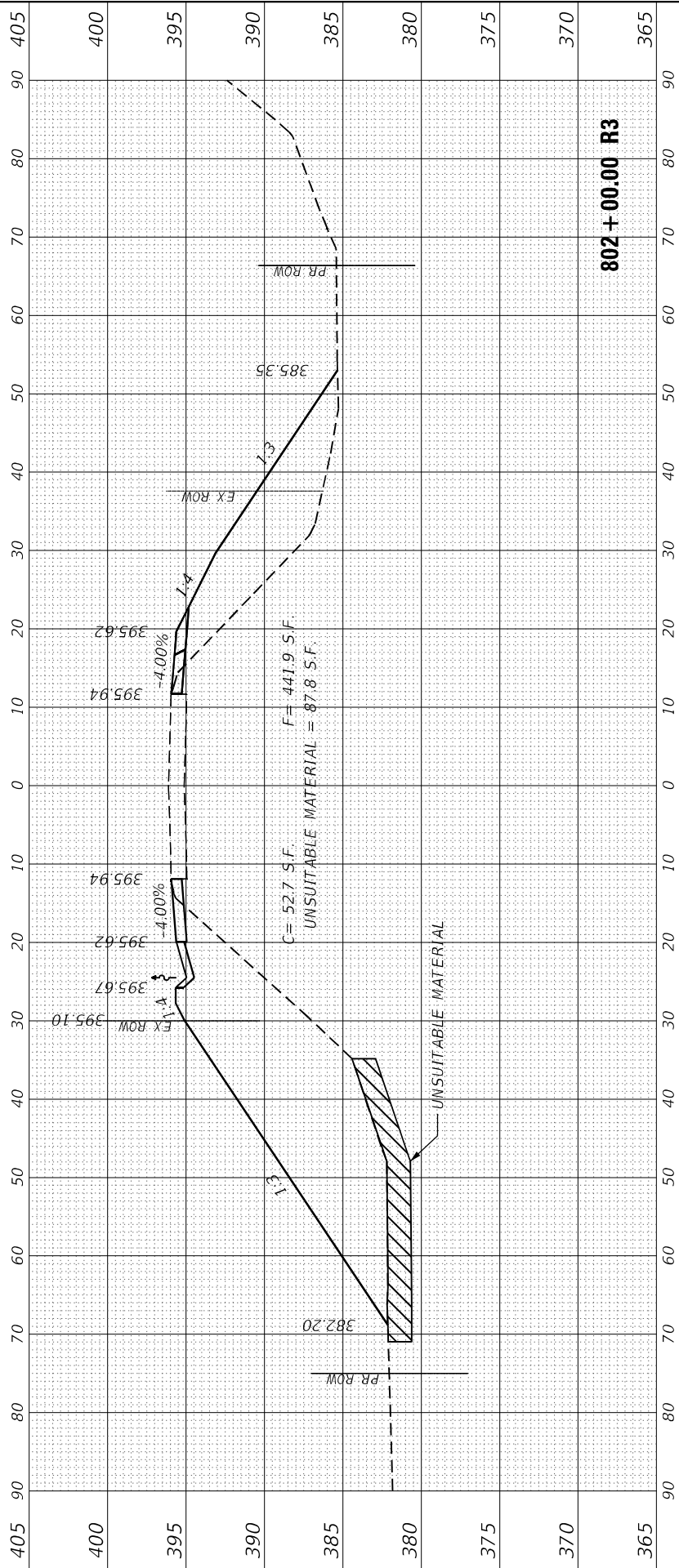
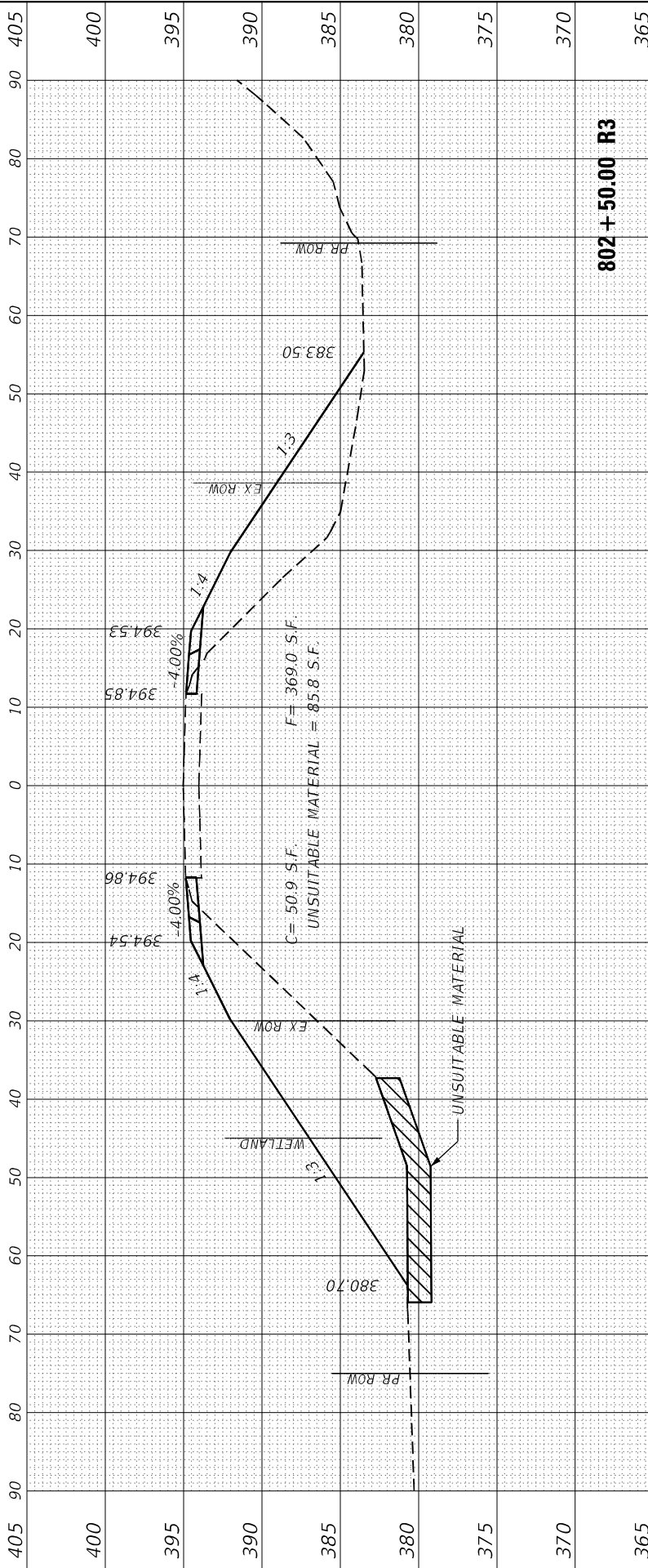
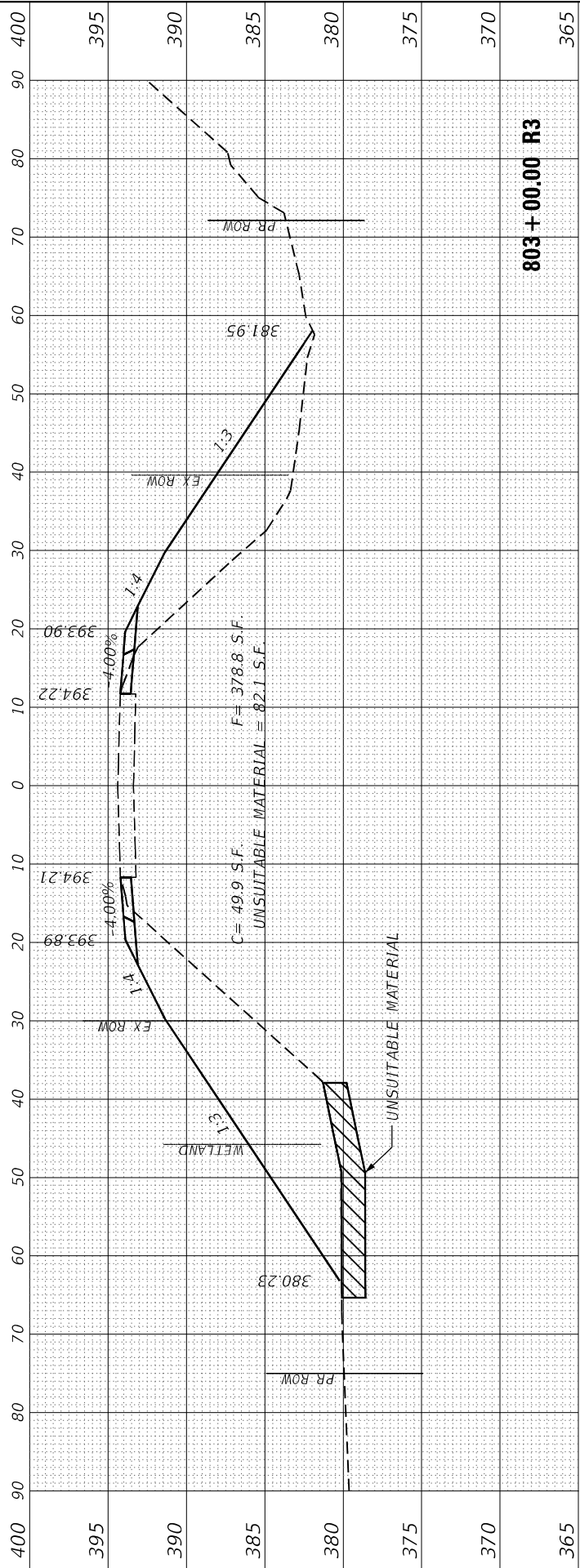
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 22 OF 80 SHEETS	STA. 802+00.00 R3 TO STA. 803+00.00 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	107
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL XS-N-10

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EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20,0000 * / in.
PLOT DATE = 2/28/2025

DESIGNED -
DRAWN -
CHECKED -
DATE - 2/28/2025

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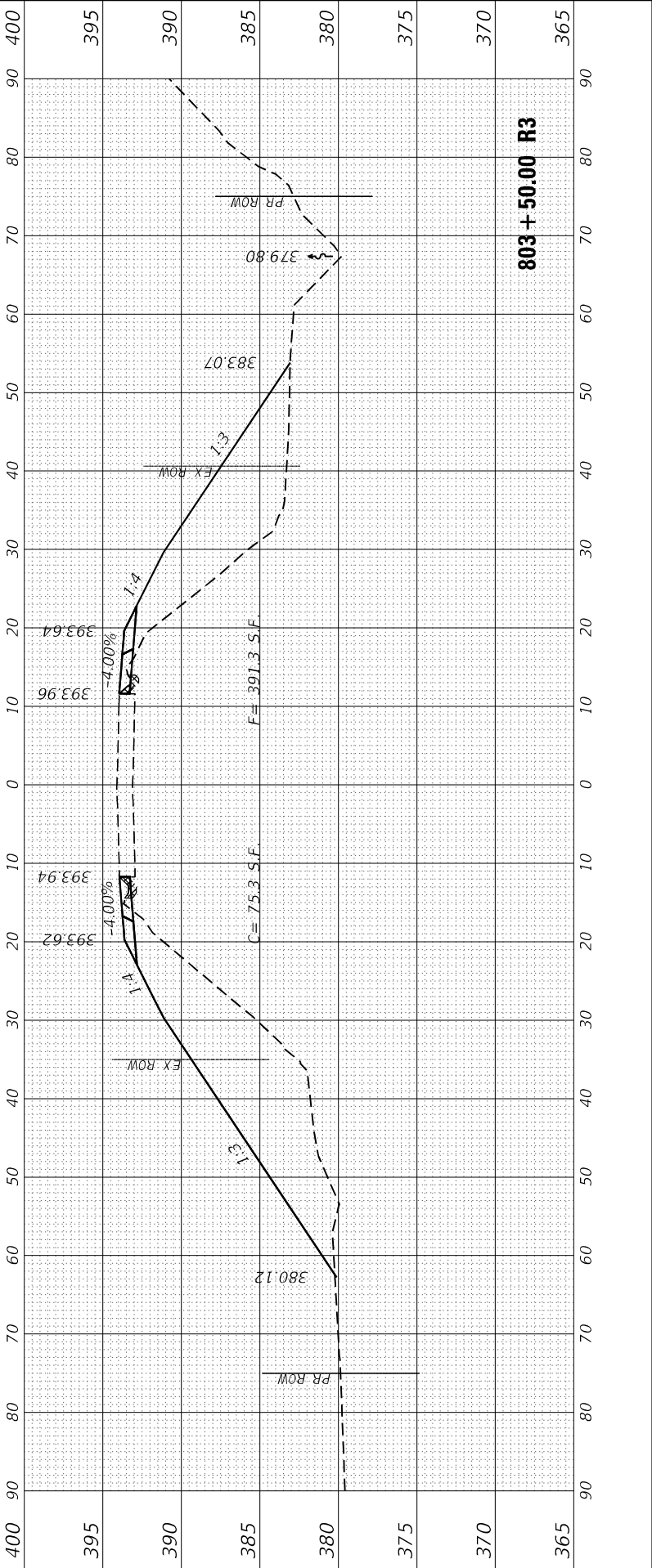
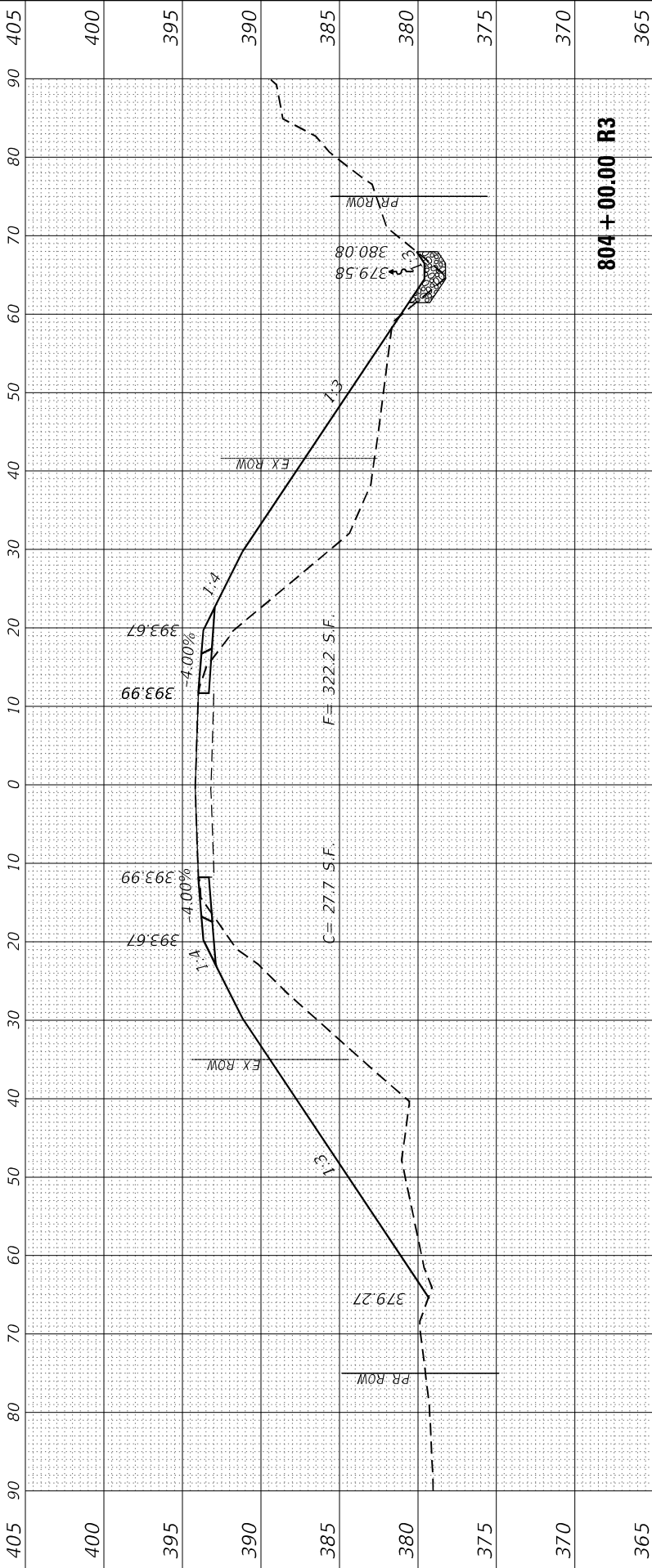
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

24

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 23 OF 80 SHEETS STA. 803+50.00 R3 TO STA. 804+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	108
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		



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

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

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20,0000 * / in.
PLOT DATE = 3/3/2025

DESIGNED - AEH
DRAWN - ZJW
CHECKED - SLD
DATE - 3/3/2025

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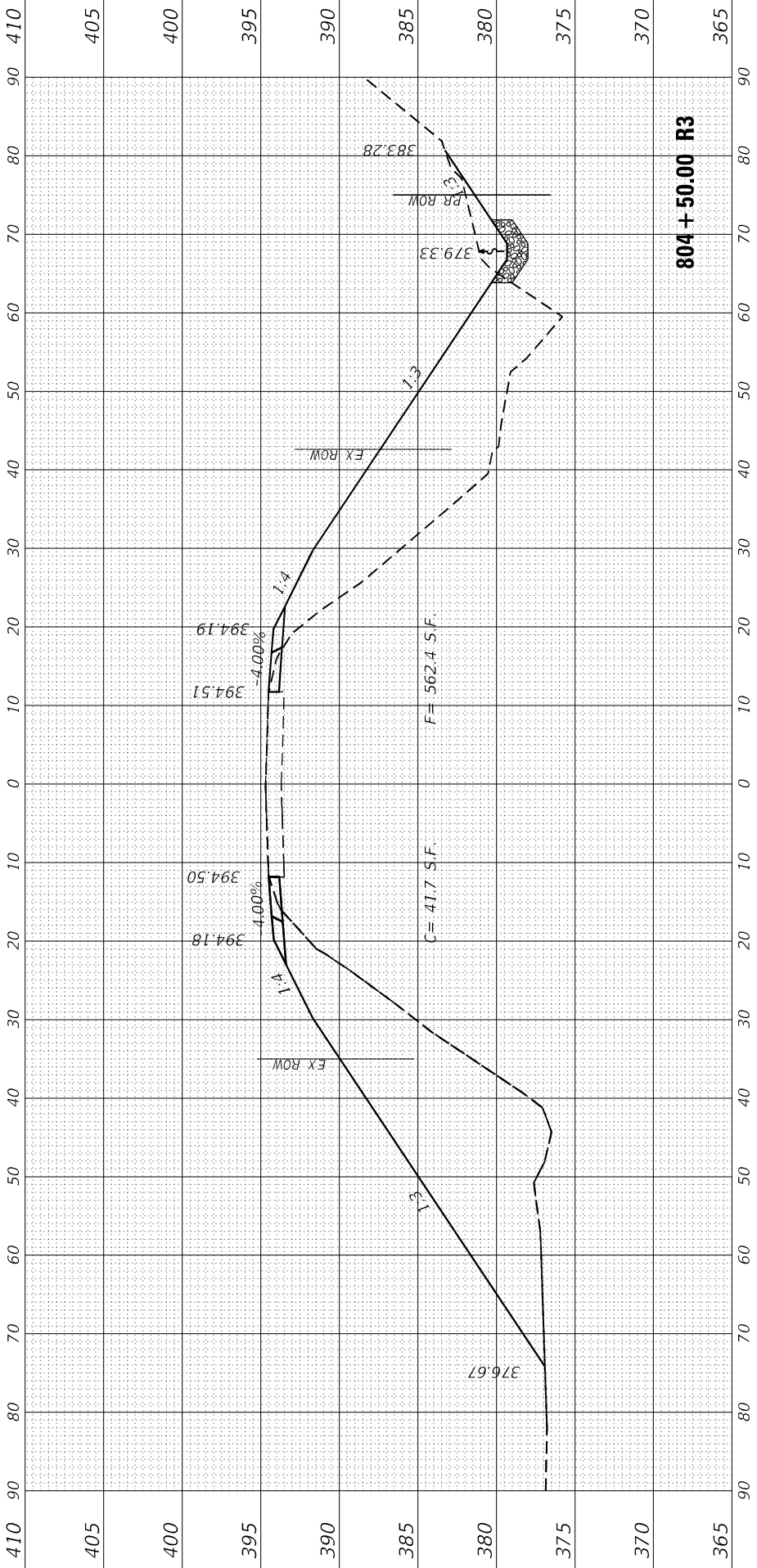
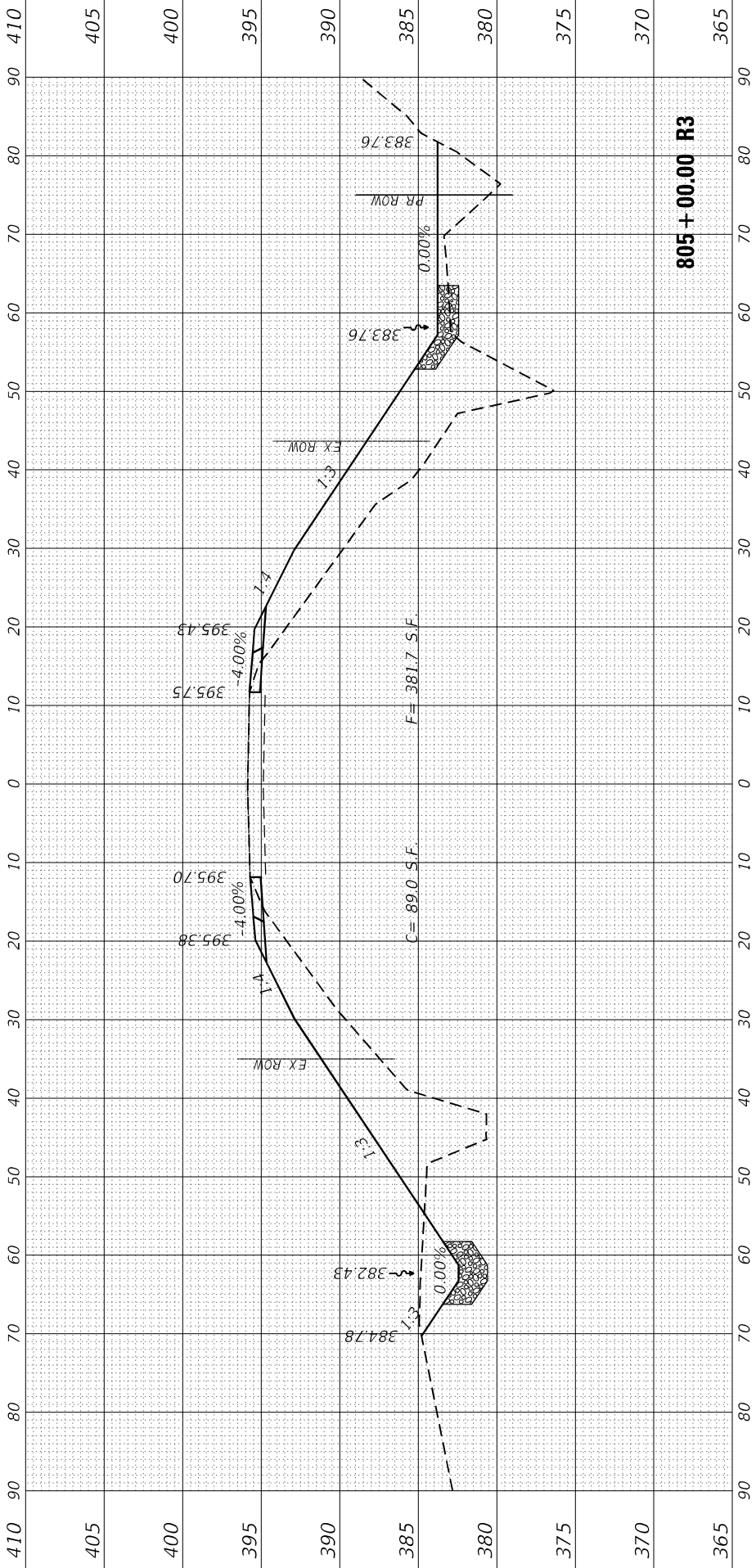
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 24 OF 80 SHEETS STA. 804+50.00 R3 TO STA. 805+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	109
** 332 / 877		CONTRACT NO. 78789		

* WHITE/ GALLATIN



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

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

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EFK•Moen
Civil Engineering Design

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PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 2/28/2025

DESIGNED - AEH
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

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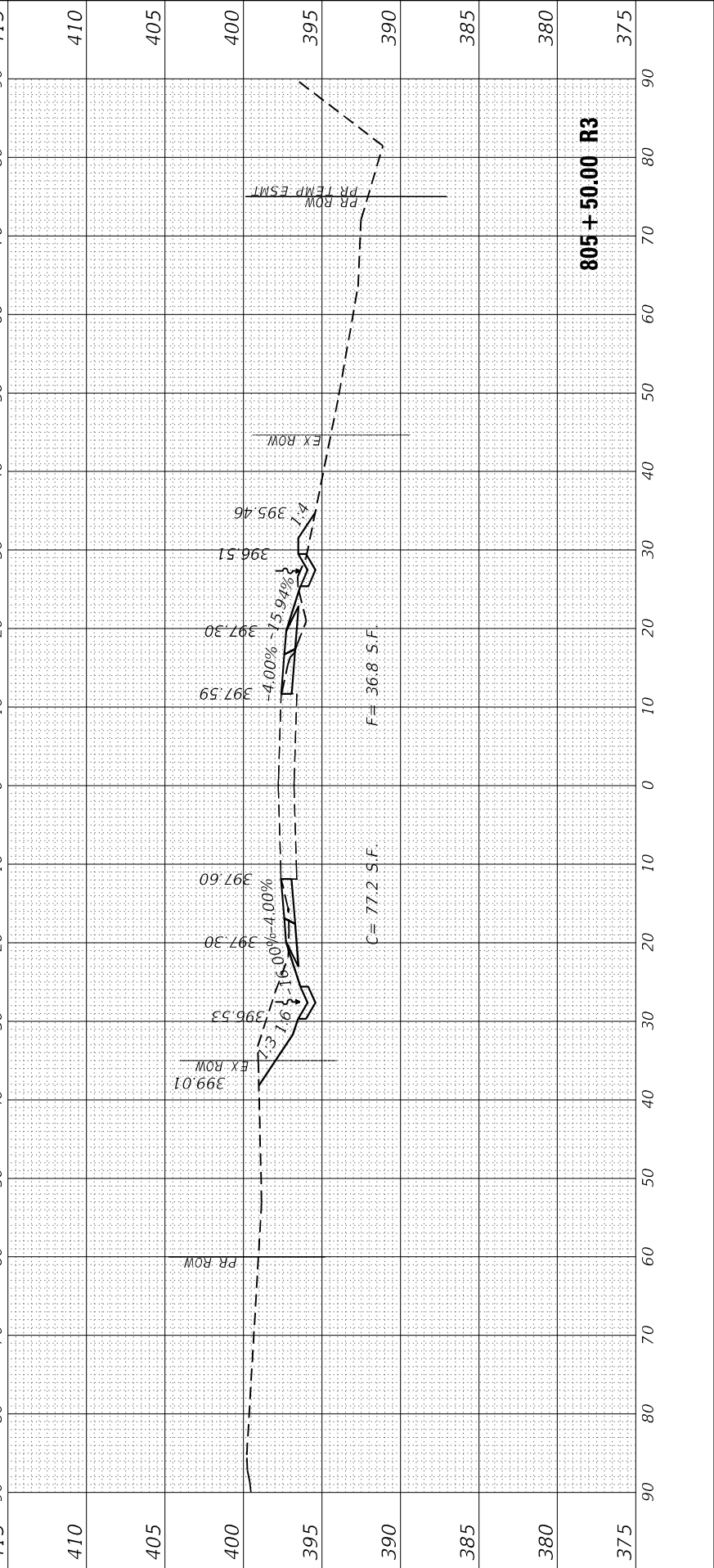
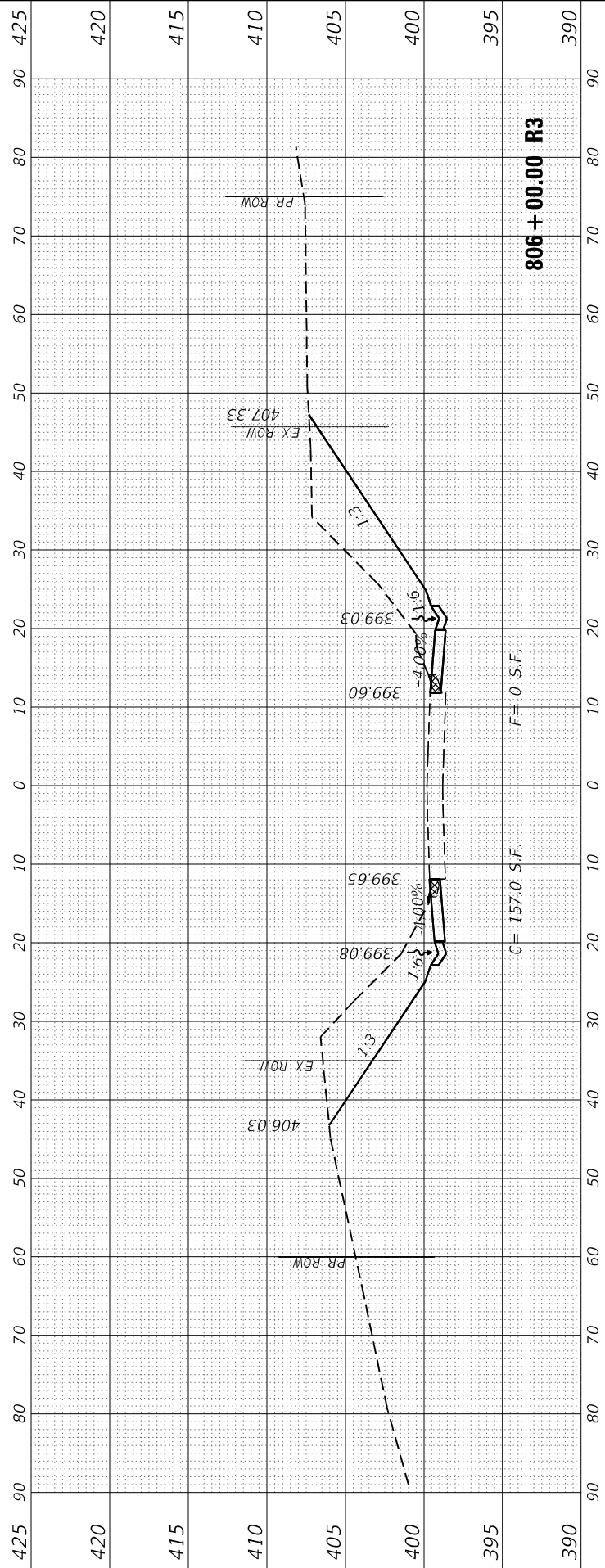
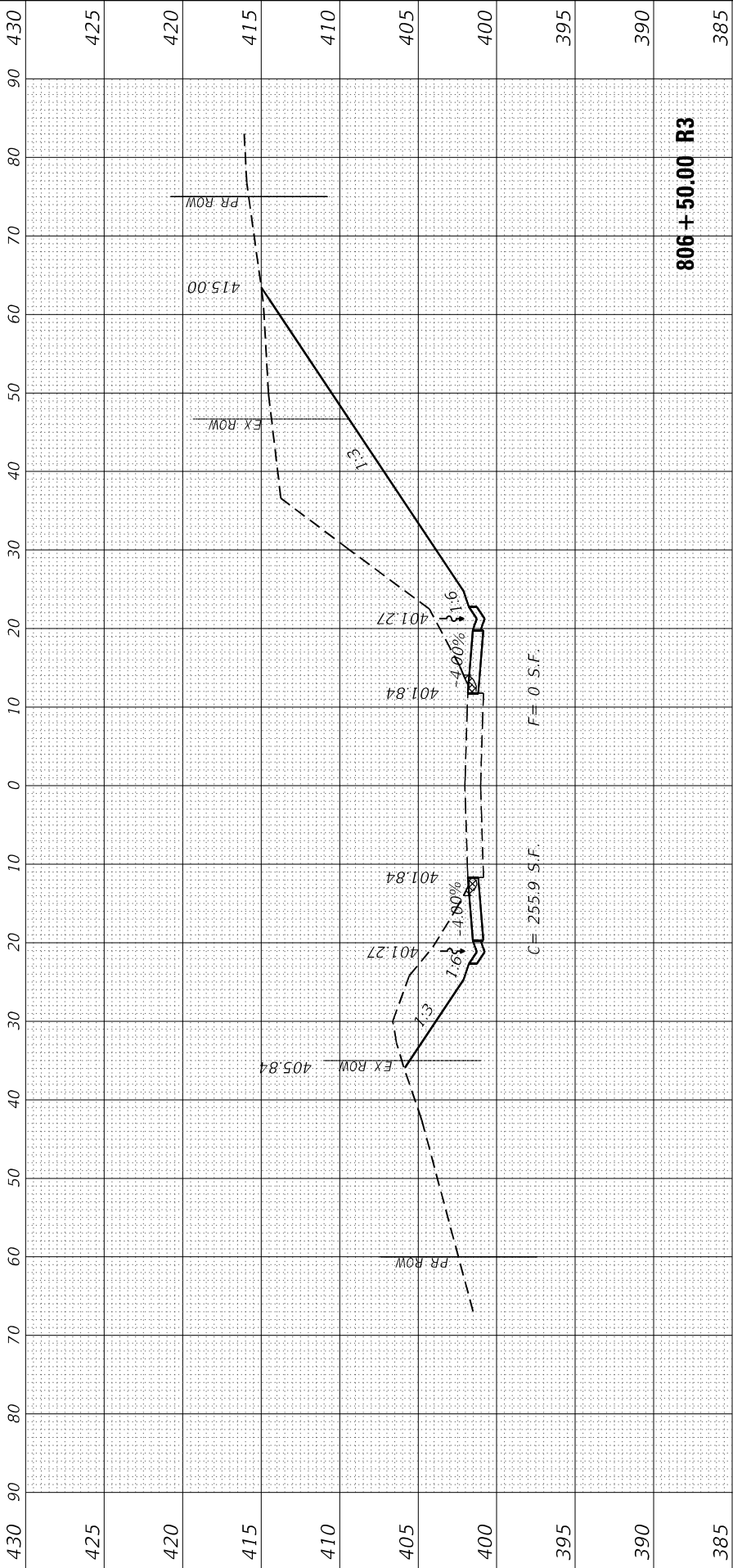
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 25 OF 80 SHEETS STA. 805+50.00 R3 TO STA. 806+50.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	110
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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EFK♦Moen
Civil Engineering Design

USER NAME	= ZWaters
DESIGNED	- AEH
DRAWN	- ZJW
CHECKED	- SLD
DATE	- 2/28/2025

REVISED	-
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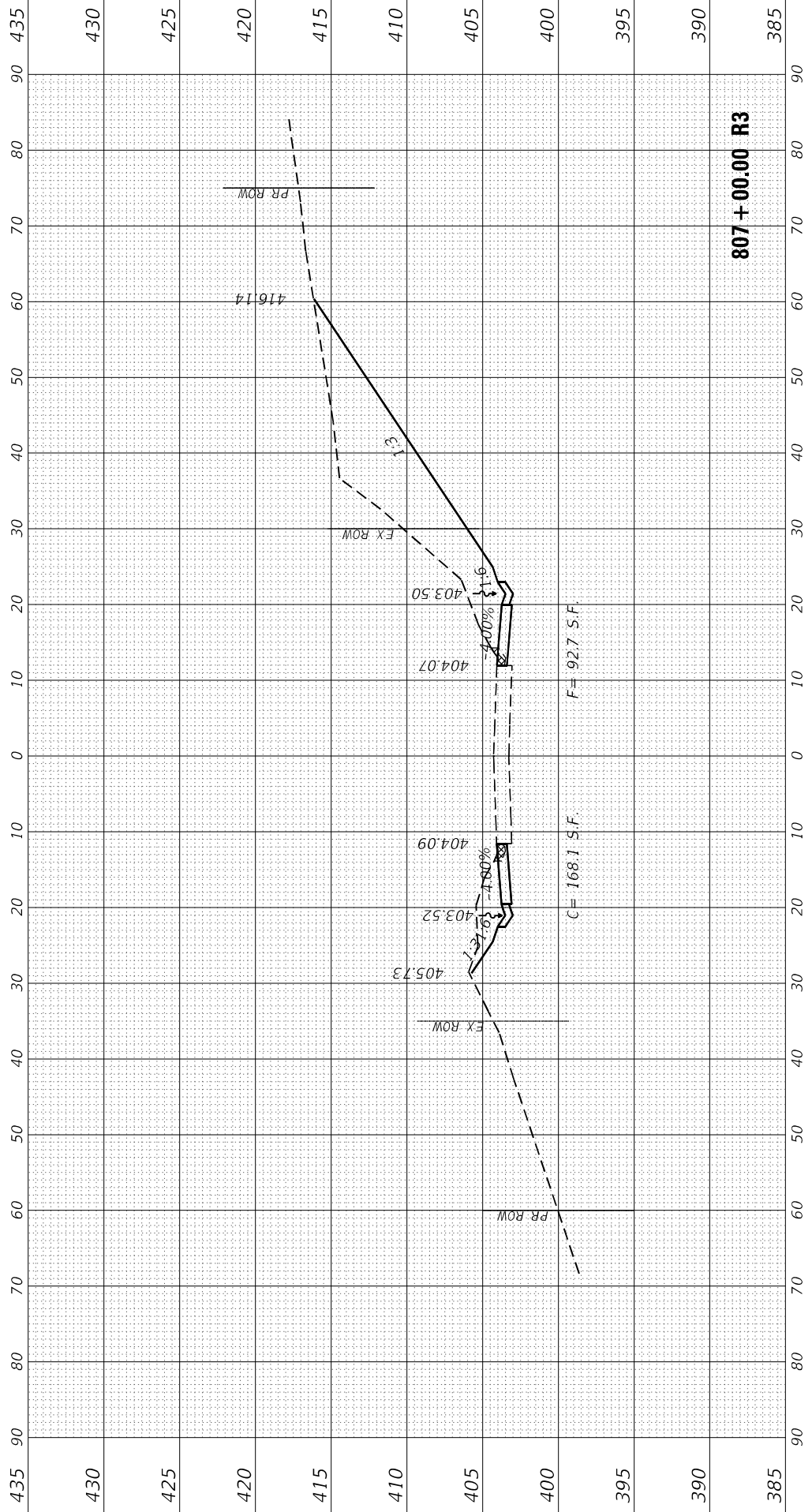
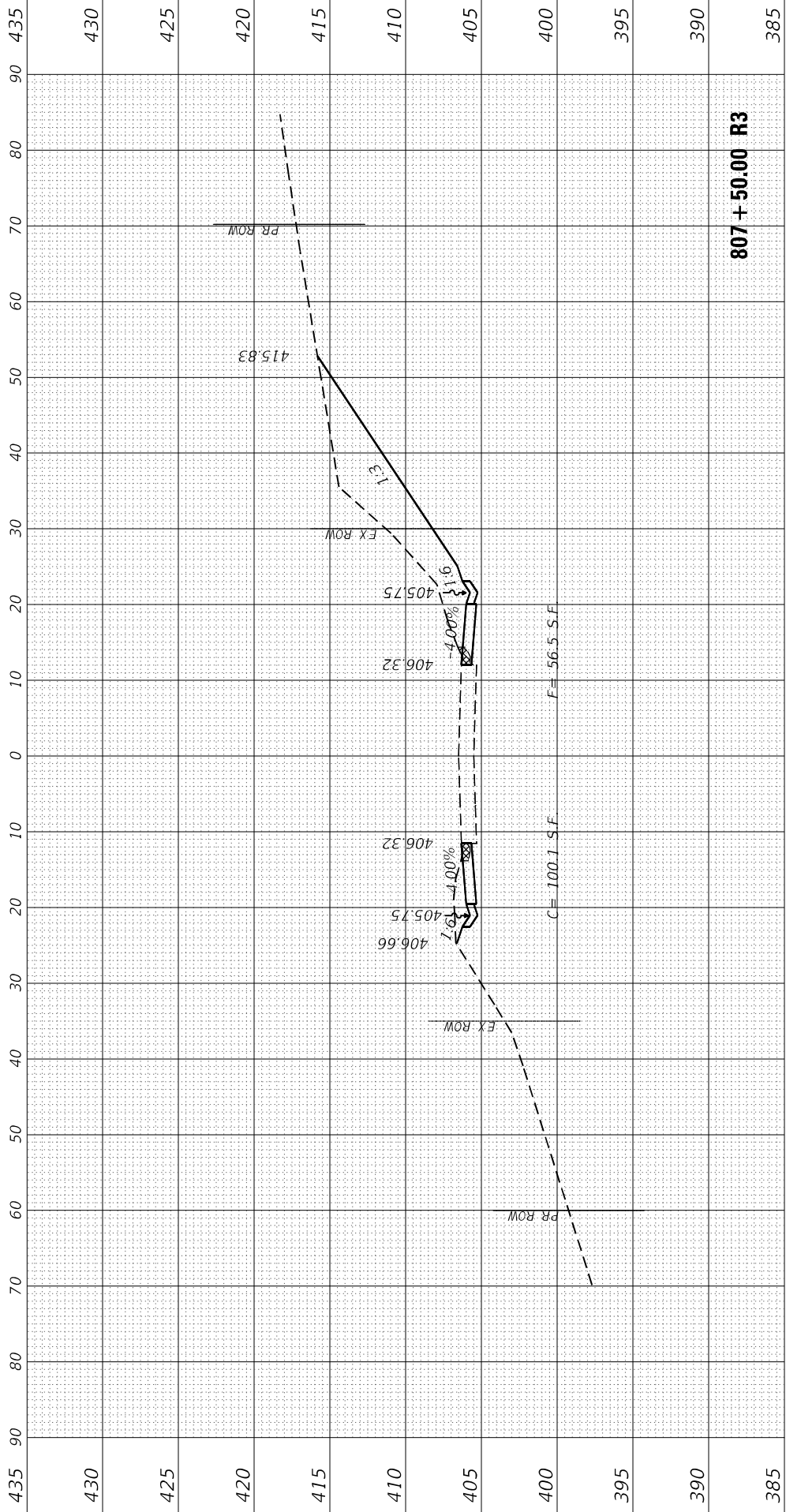
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 26 OF 80 SHEETS	STA. 807+00.00 R3 TO STA. 807+50.00 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	111
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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	DRAWN - ZJW
PLOT SCALE = 20,000' / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

DESIGNED	-	AEH
DRAWN	-	ZJW
CHECKED	-	SLD
DATE	-	2/28/2025

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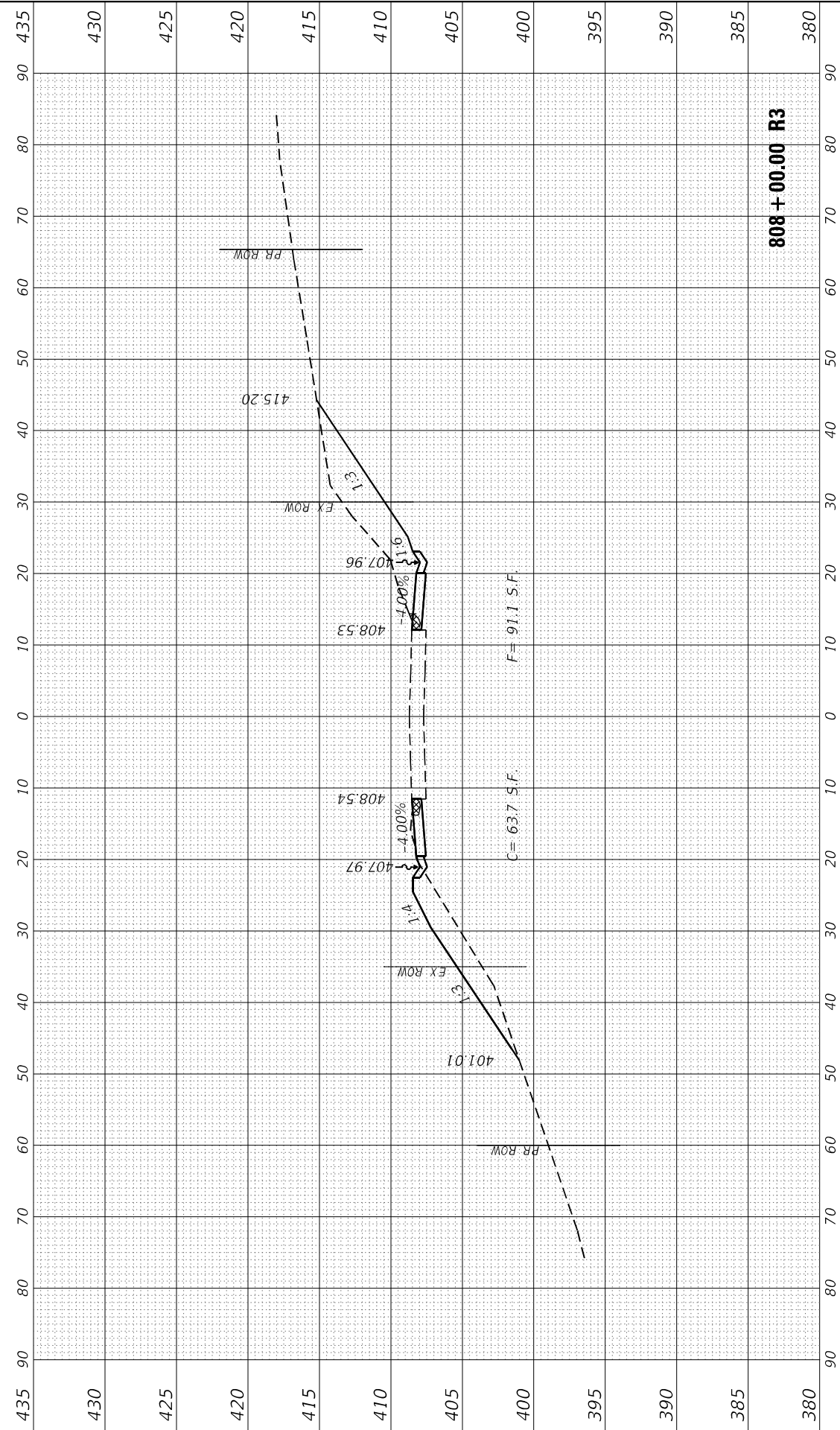
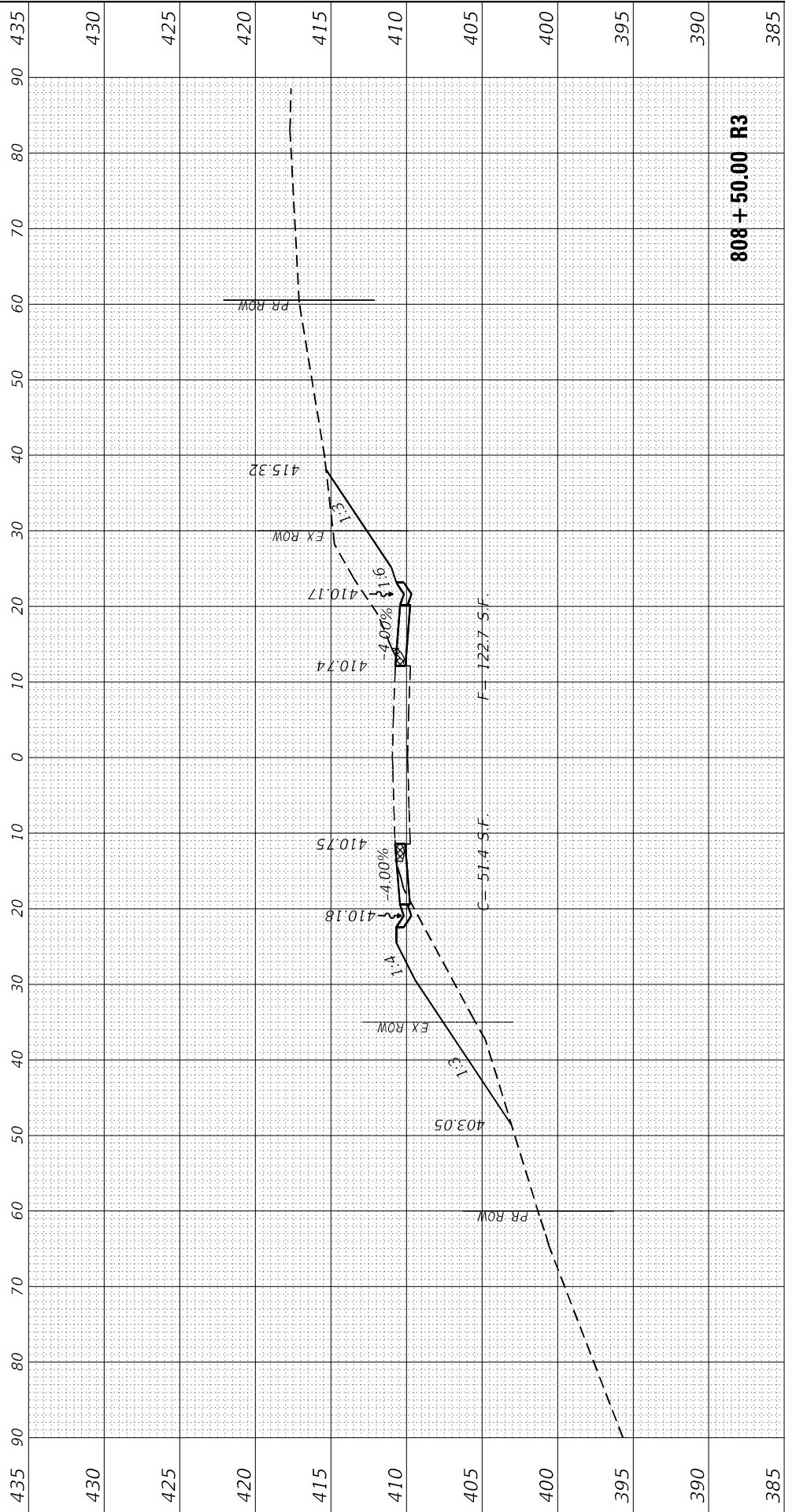
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 27 OF 80 SHEETS	STA. 808+00.00 R3 TO STA. 808+50.00 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	112
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: XS-N-50
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EFK♦Moen
Civil Engineering Design

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	DRAWN - ZJW
PLOT SCALE = 20.0000 " / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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DRAWN	-	ZJW
CHECKED	-	SLD
DATE	-	2/28/2025

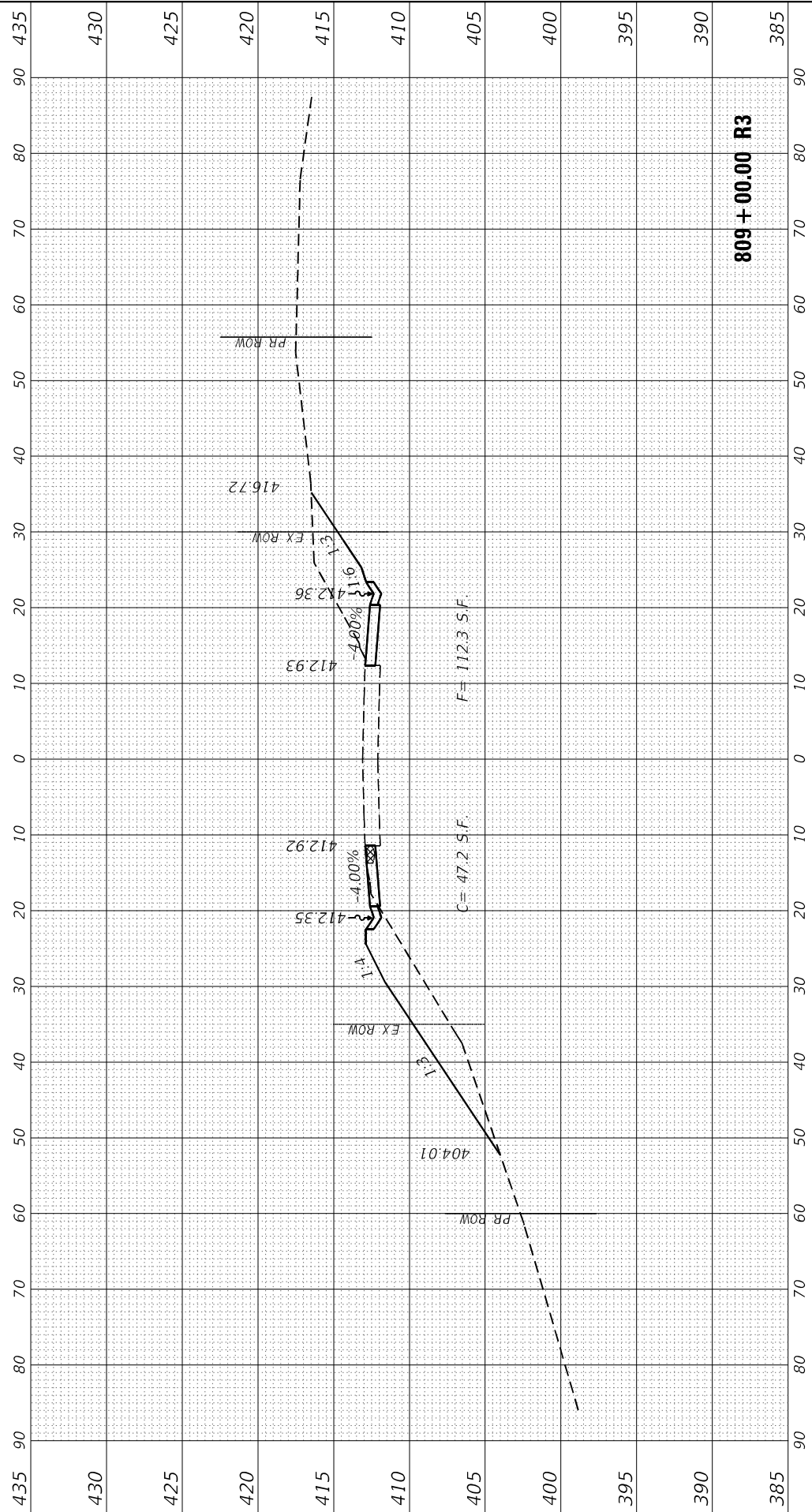
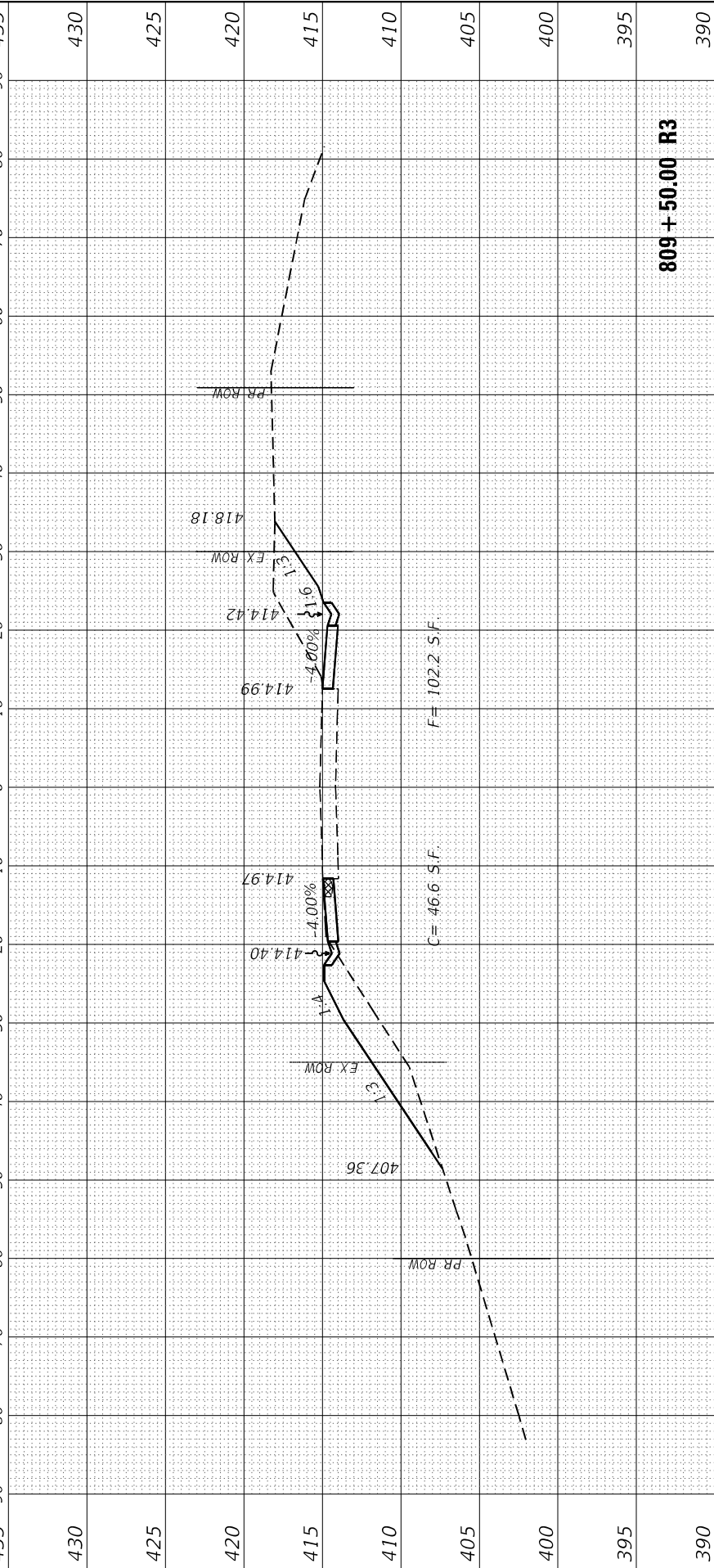
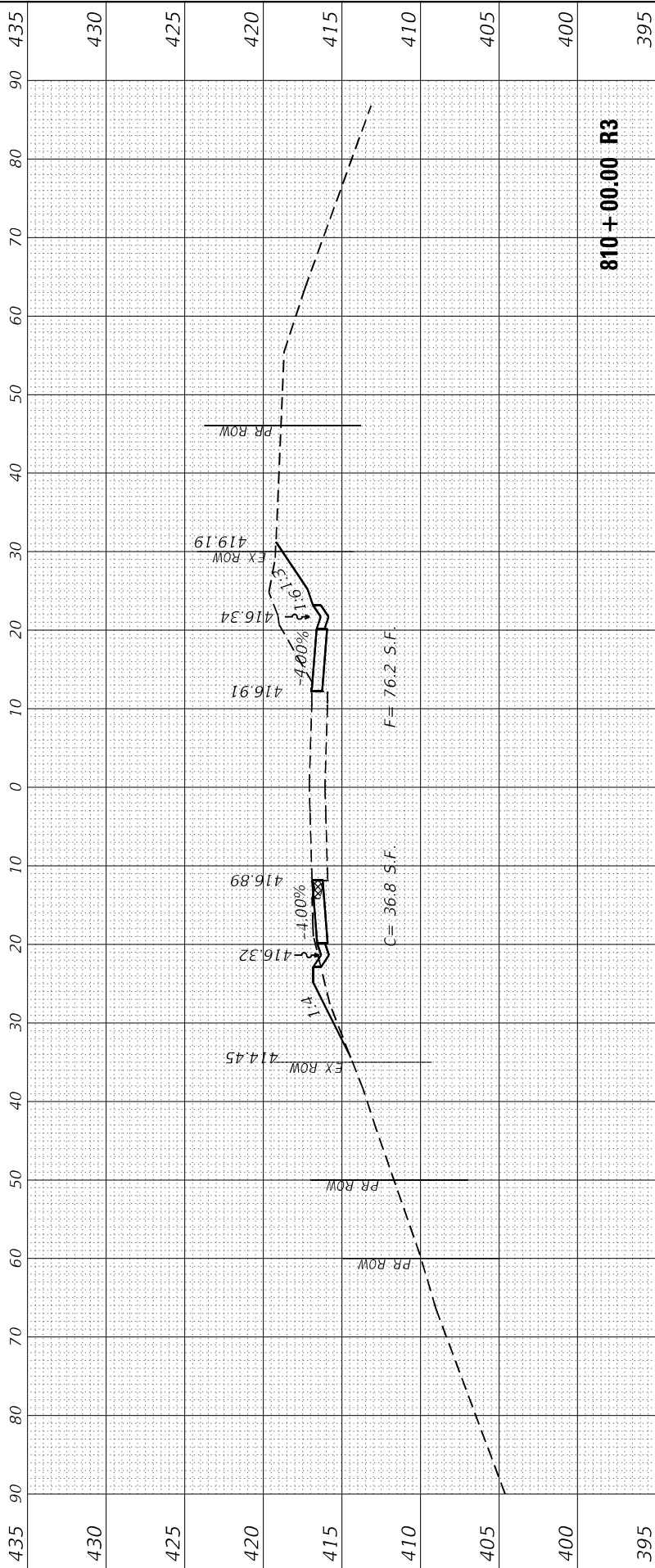
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332 CROSS SECTIONS			
SCALE: 5'V : 10'H	SHEET 28	OF 80 SHEETS	STA. 809+00.00 R3 TO STA. 810+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	113
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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EFK•Moen
Civil Engineering Design

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	DRAWN - ZJW
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PLOT DATE = 2/28/2025	DATE - 2/28/2025

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REVISED -
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REVISED -

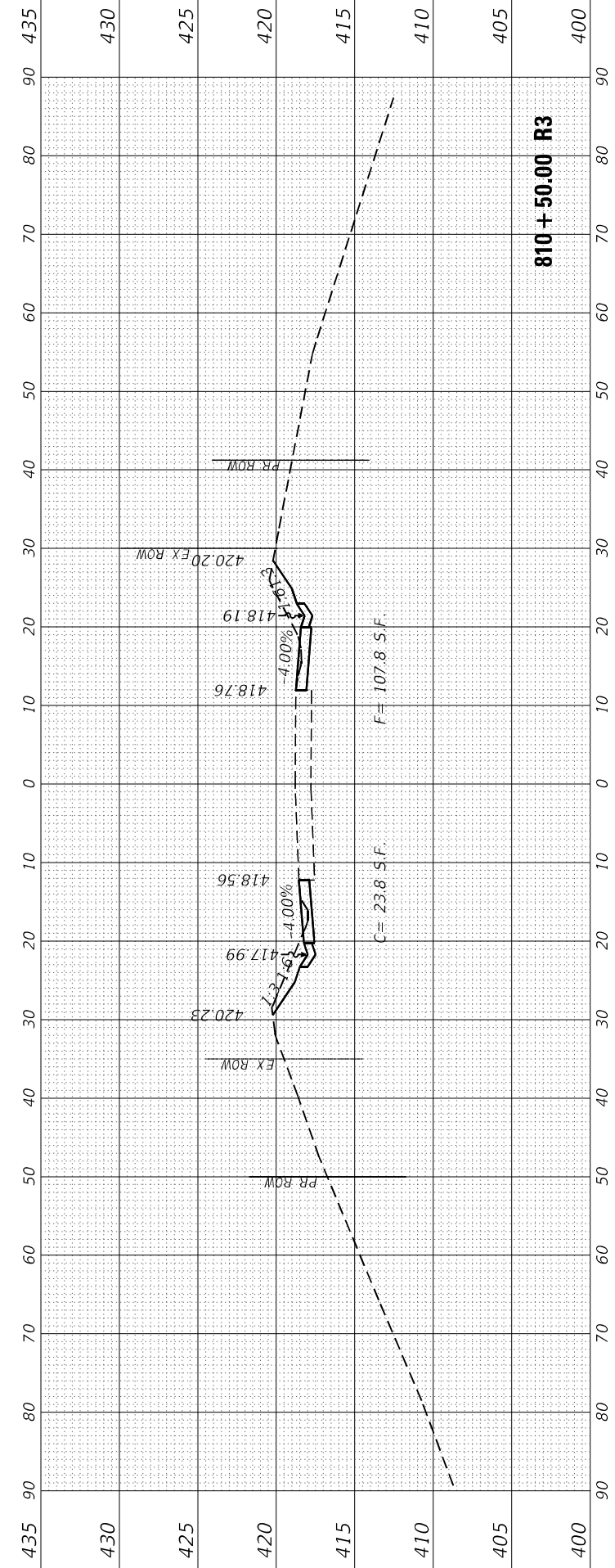
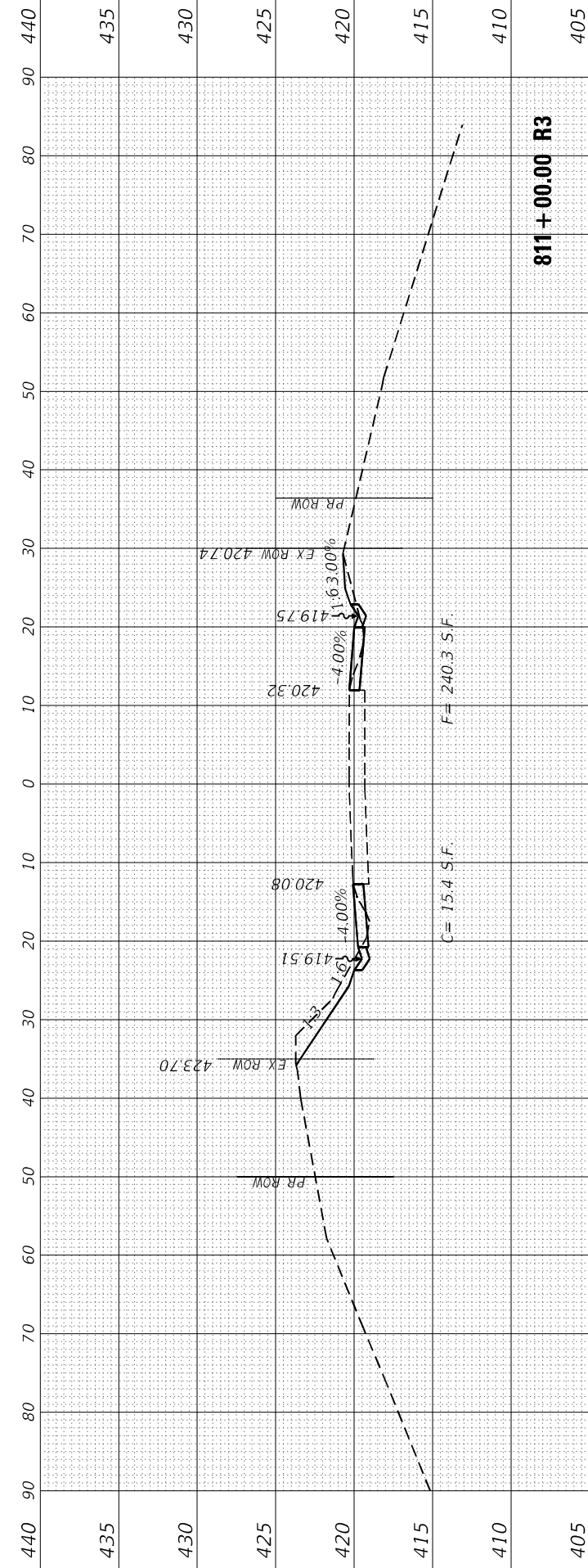
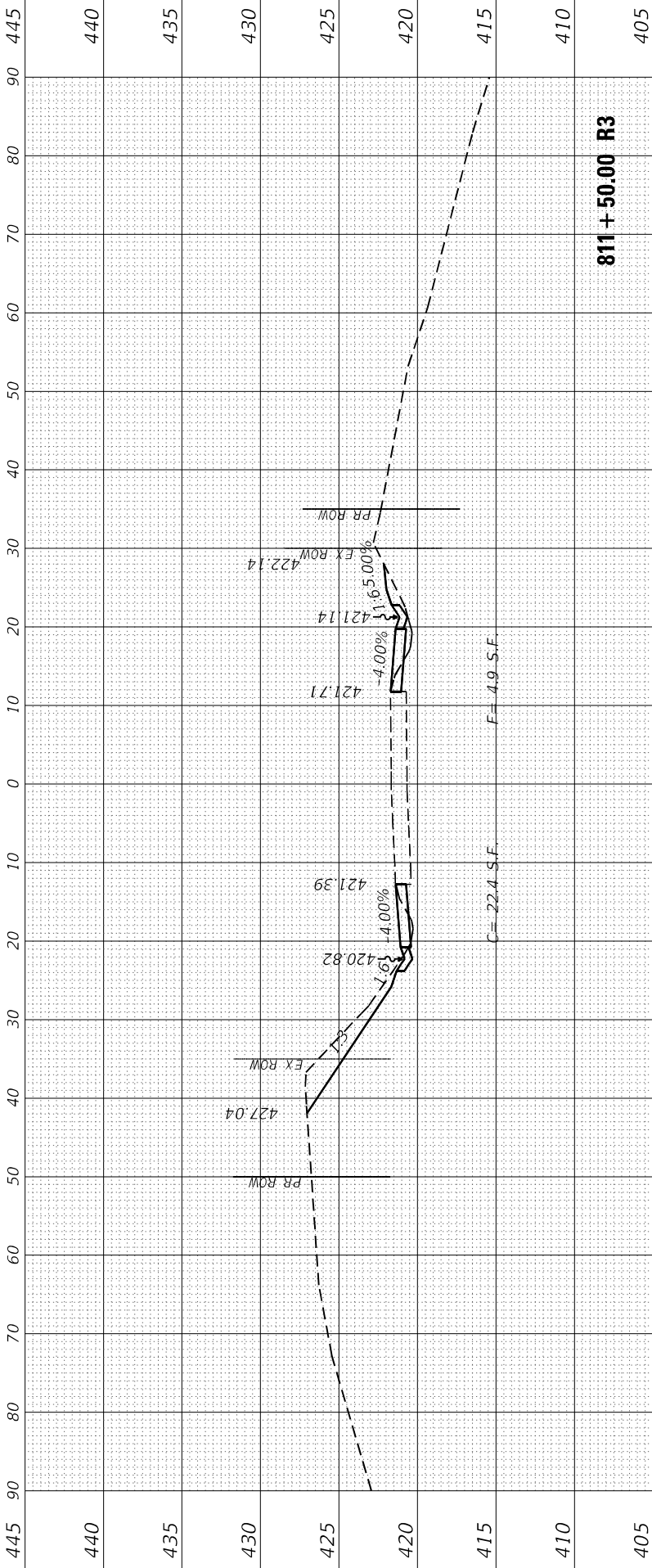
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 29 OF 80 SHEETS	STA. 810+50.00 R3 TO STA. 811+50.00 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	114
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL XS-N-030
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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - AEH
	DRAWN - ZJW
PLOT SCALE = 20,0000 * / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

REVISED -
REVISED -
REVISED -
REVISED -

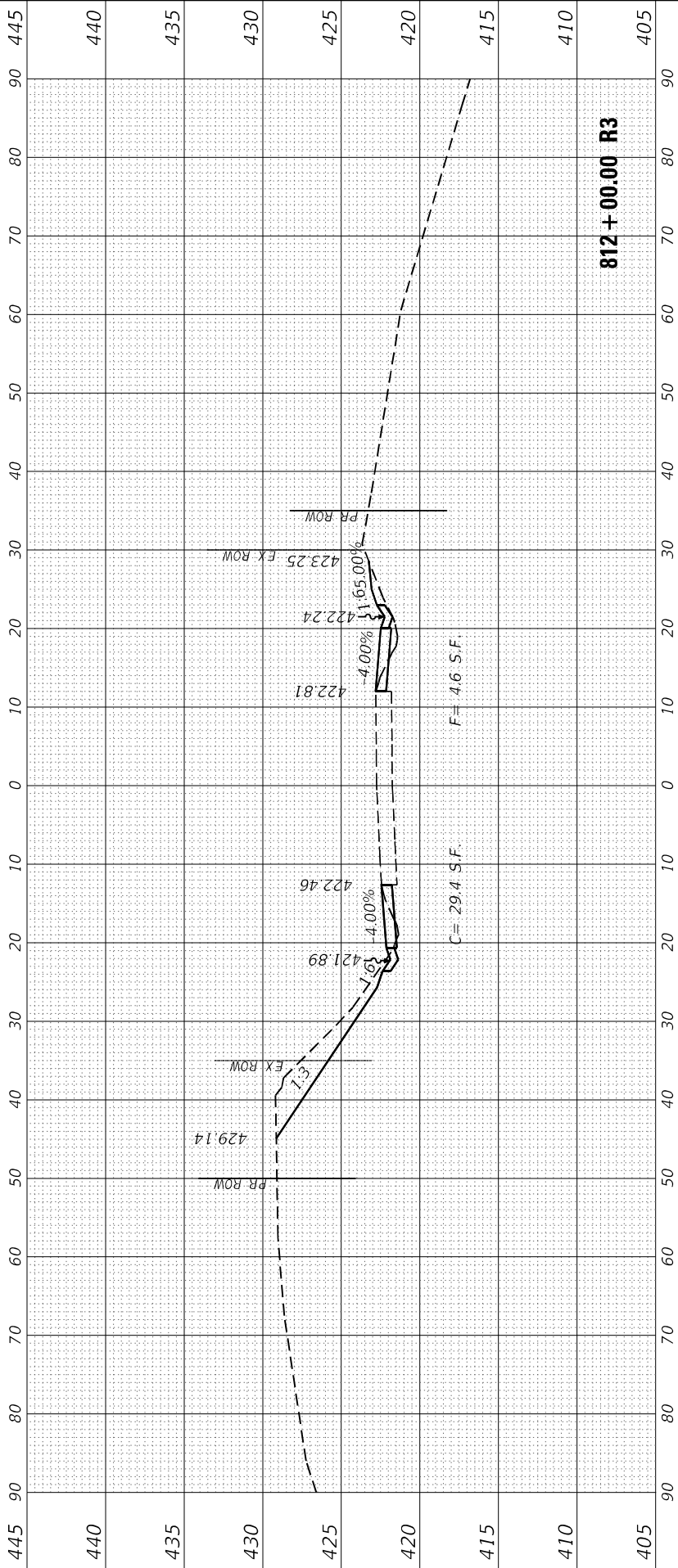
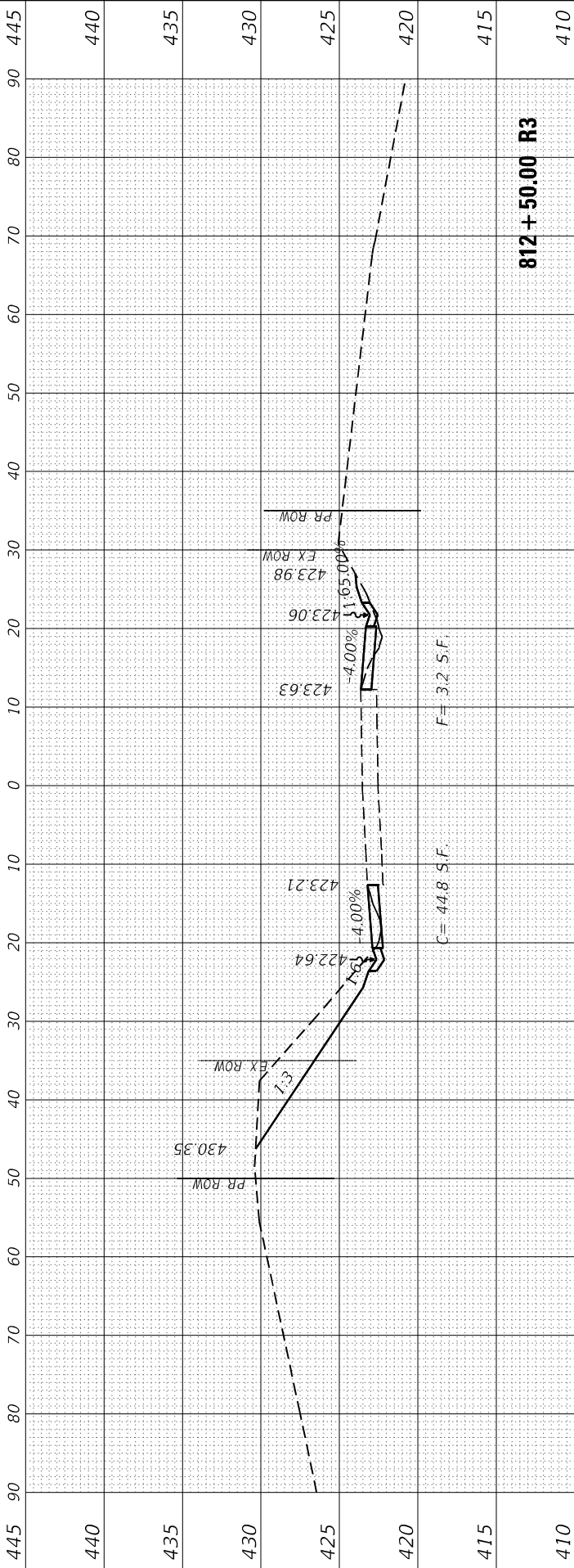
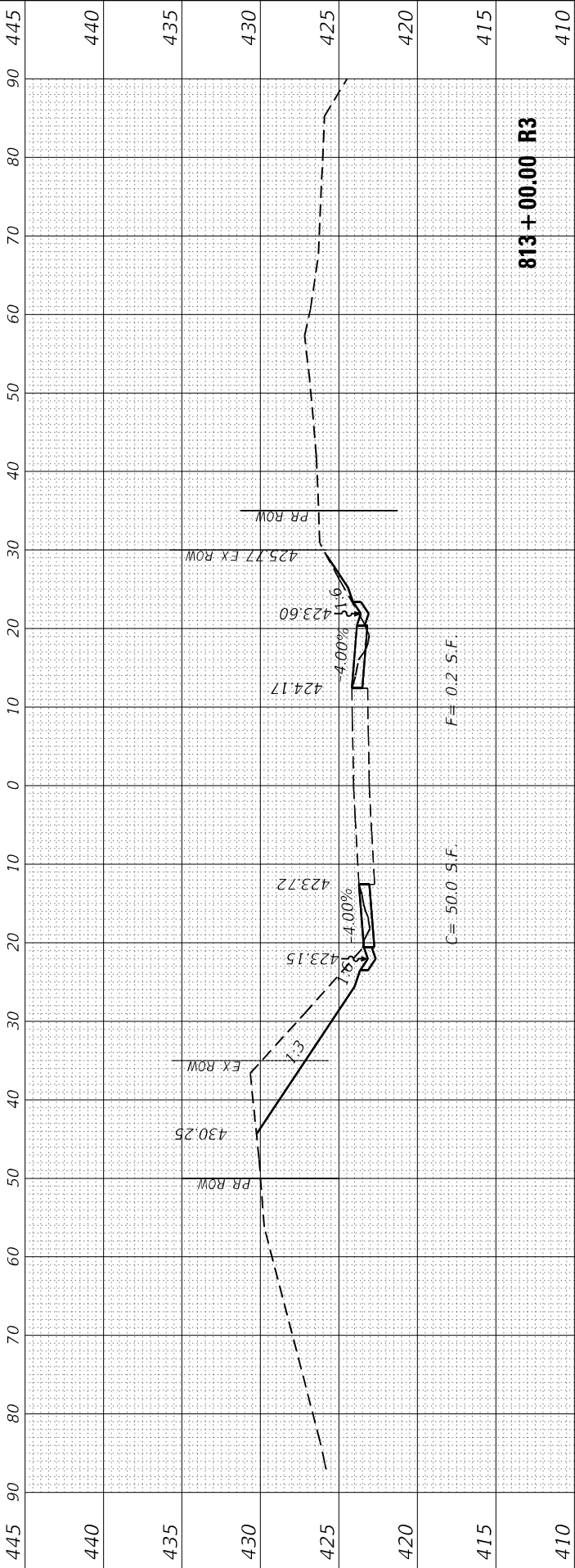
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 30 OF 80 SHEETS STA. 812+00.00 R3 TO STA. 813+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	115
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

MODEL XS-N-00
FILE NAME: 2/20043.18 US 45DCNDesign\Final\CAO_Sheets\080-16-097878\XS-N.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= ZWaters
DESIGNED	- AEH
DRAWN	- ZJW
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 2/28/2025
CHECKED	- SLD
DATE	- 2/28/2025

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REVISD	-

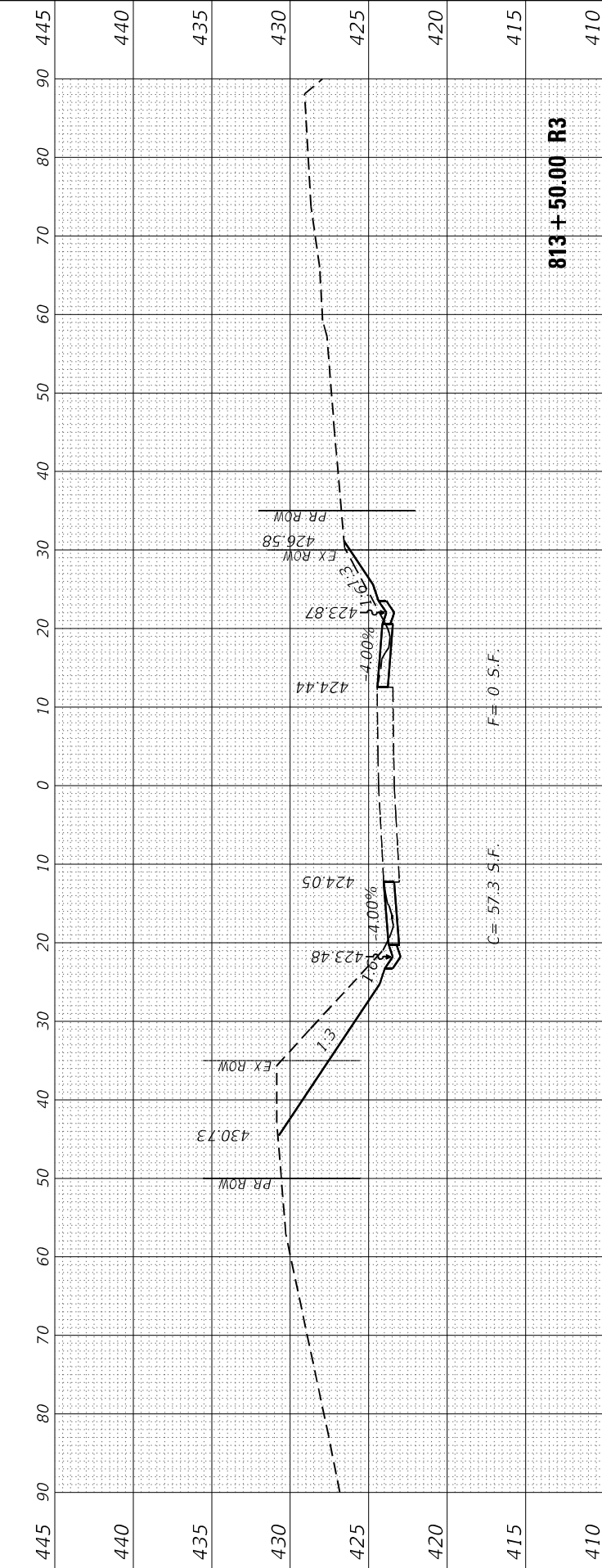
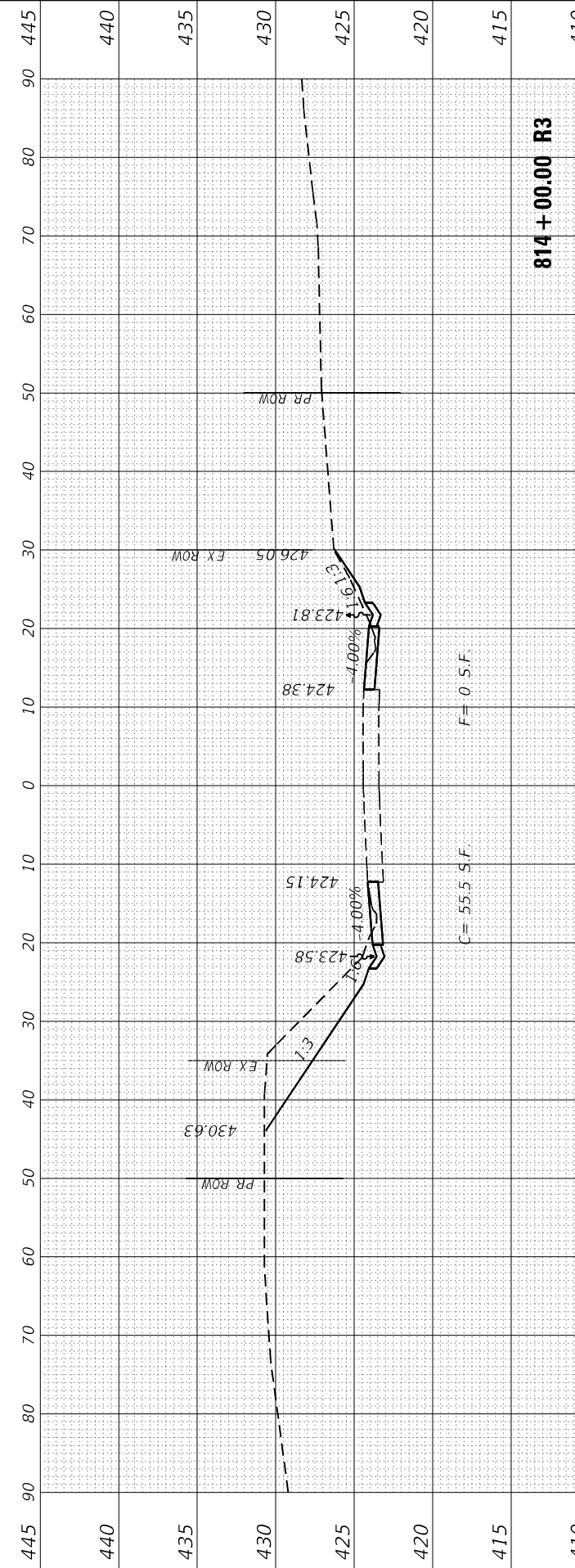
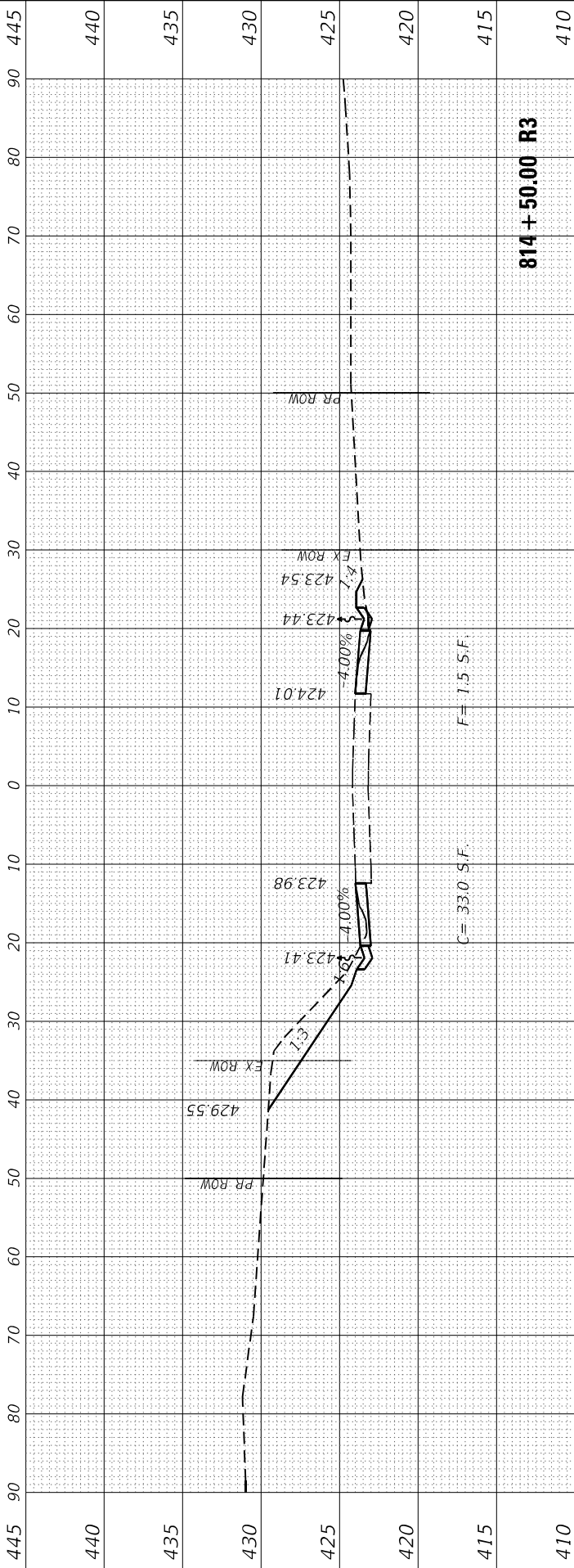
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 31 OF 80 SHEETS	STA. 813+50.00 R3 TO STA. 814+50.00 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	116
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL XS-N-10
FILE NAME: 2/2/2003, 8 US 45DCNDesign\Final\CAO_Sheets\080-116\1978789\XS-N.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= ZWaters	DESIGNED	- AEH
		DRAWN	- ZJW
PLOT SCALE	= 20,0000 * / in.	CHECKED	- SLD
PLOT DATE	= 2/28/2025	DATE	- 2/28/2025

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REVISED	-
REVISED	-
REVISED	-

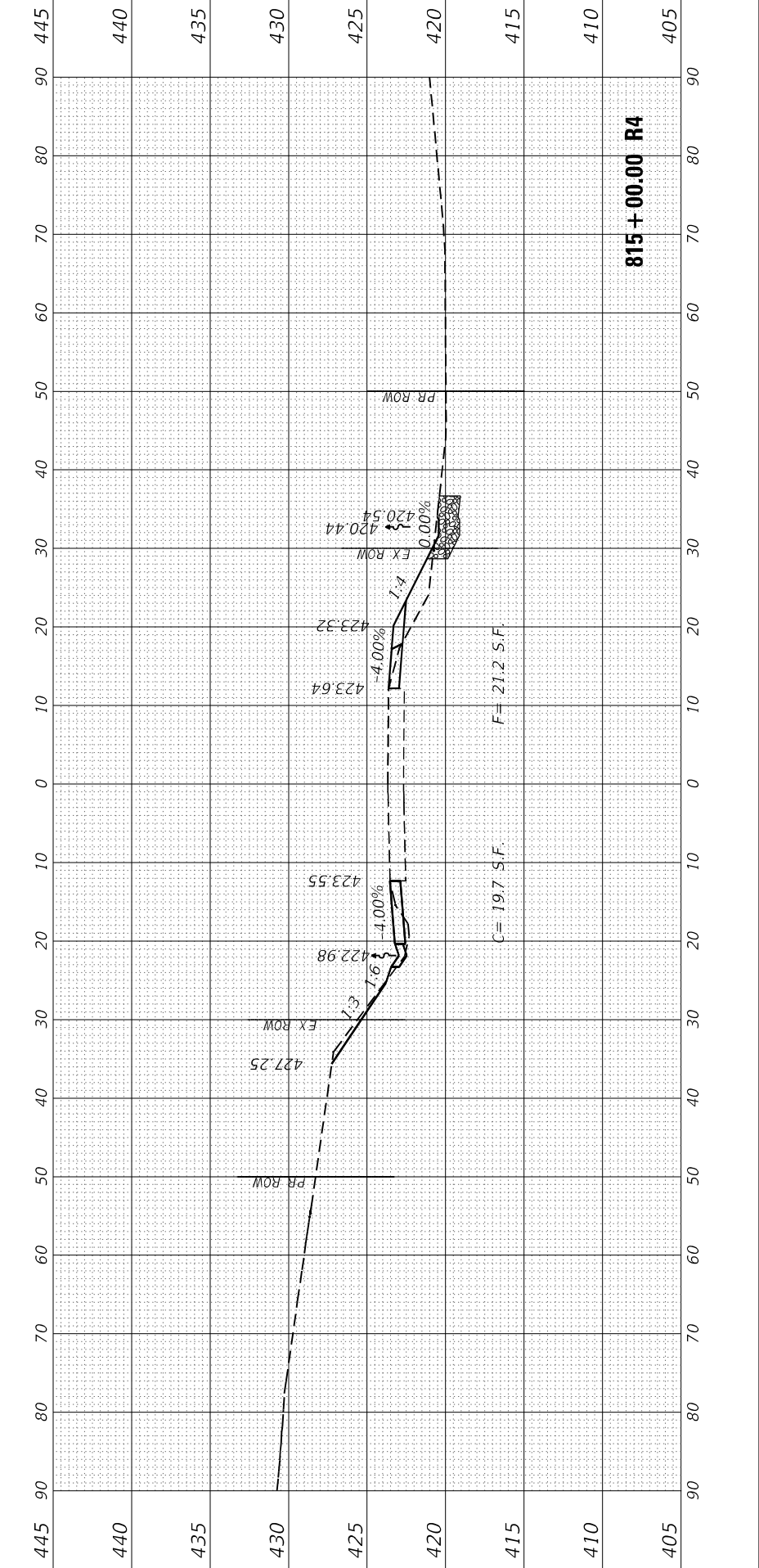
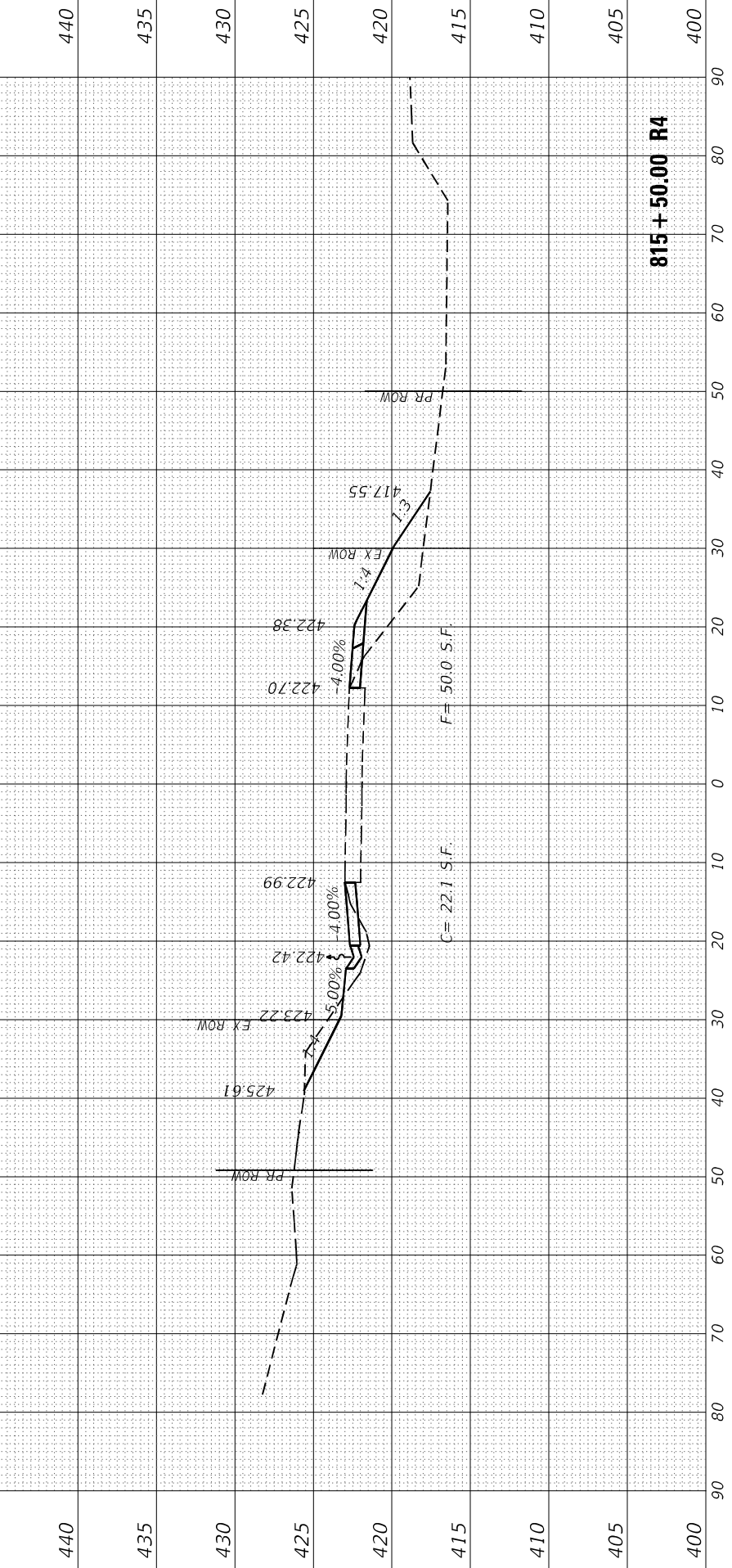
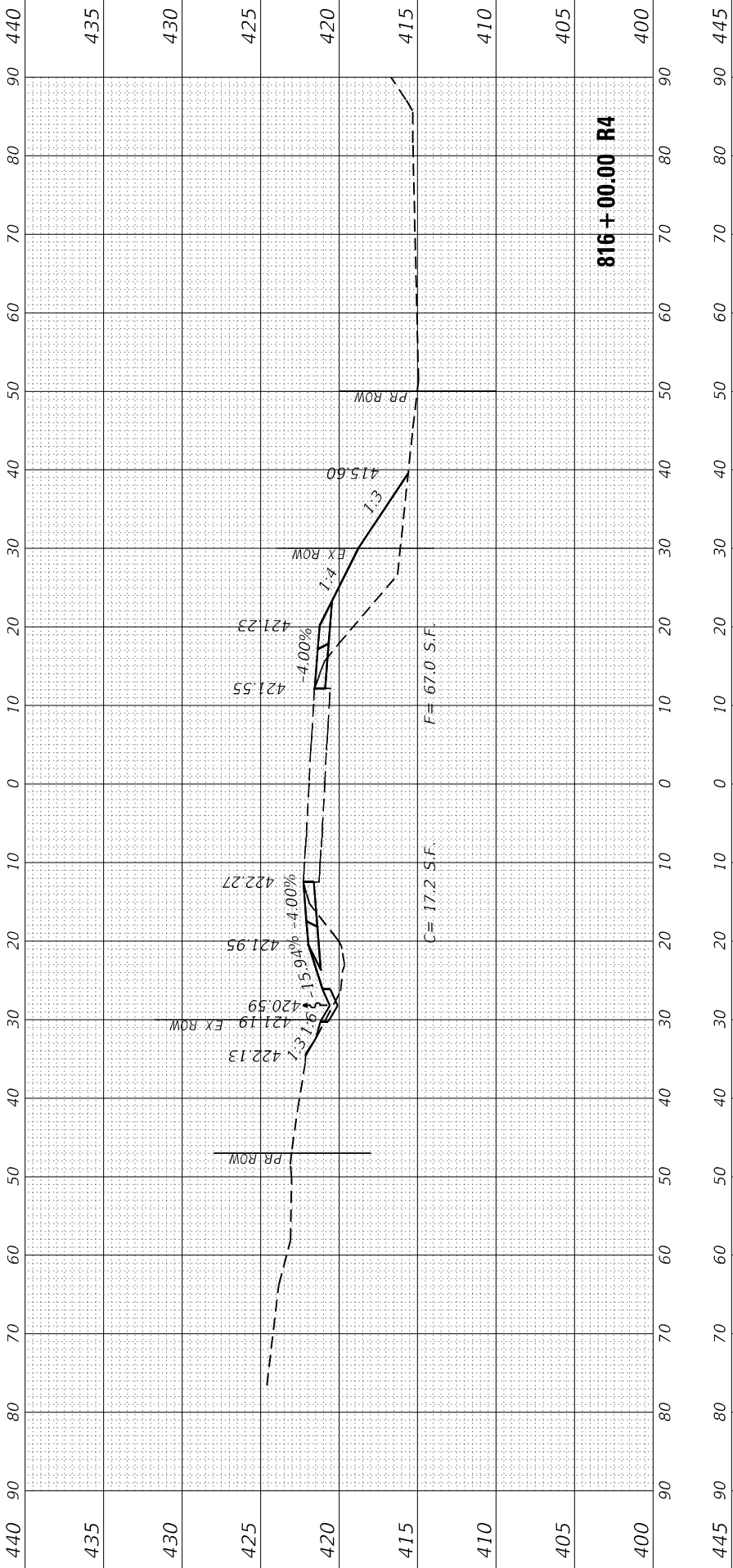
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 32 OF 80 SHEETS STA. 815+00.00 R4 TO STA. 816+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	117
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

MODEL XS-N-30
FILE NAME: 2/20043.18 US 45DCNDesign\Final\CAO_Sheets082-16-2978789\XS-N.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - AEH	REVISED -
	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

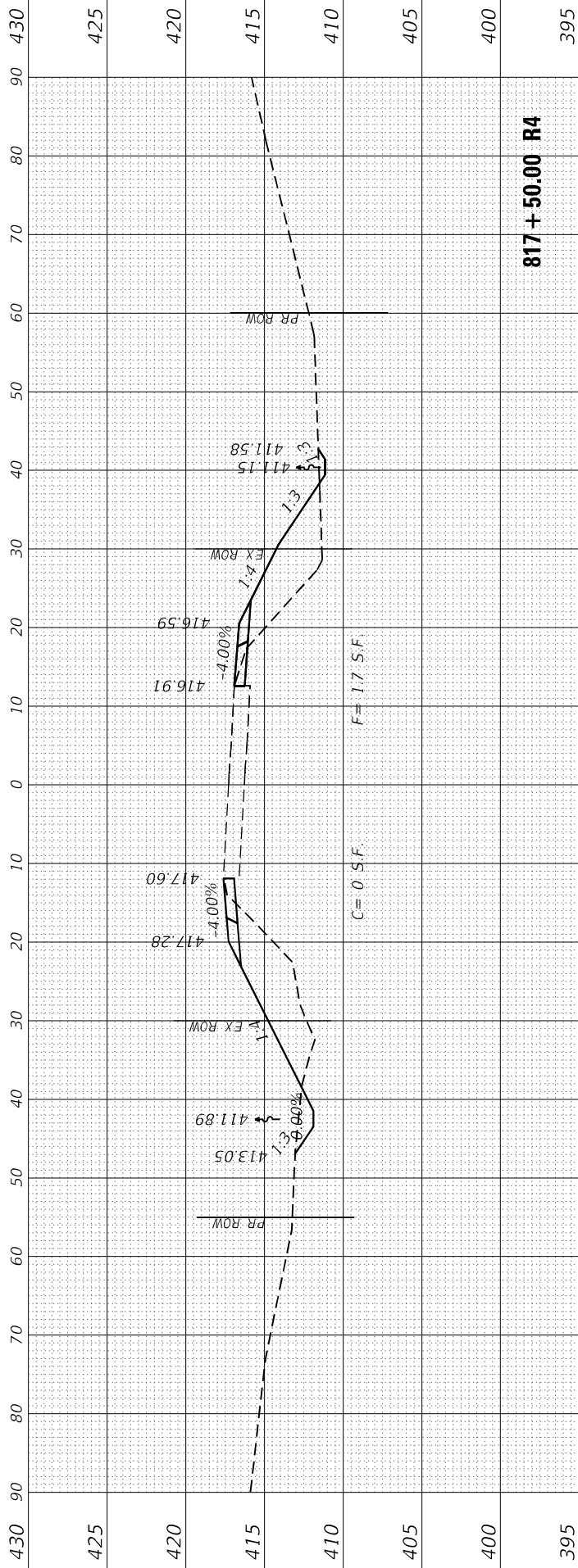
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 33 OF 80 SHEETS STA. 816+50.00 R4 TO STA. 817+50.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	118
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATAN



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

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

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FILE NAME: Z:\20063.18 US 45\DGNI\Design\Final\CAD Sheets\080-116-D978789-XS-N.dgn



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	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

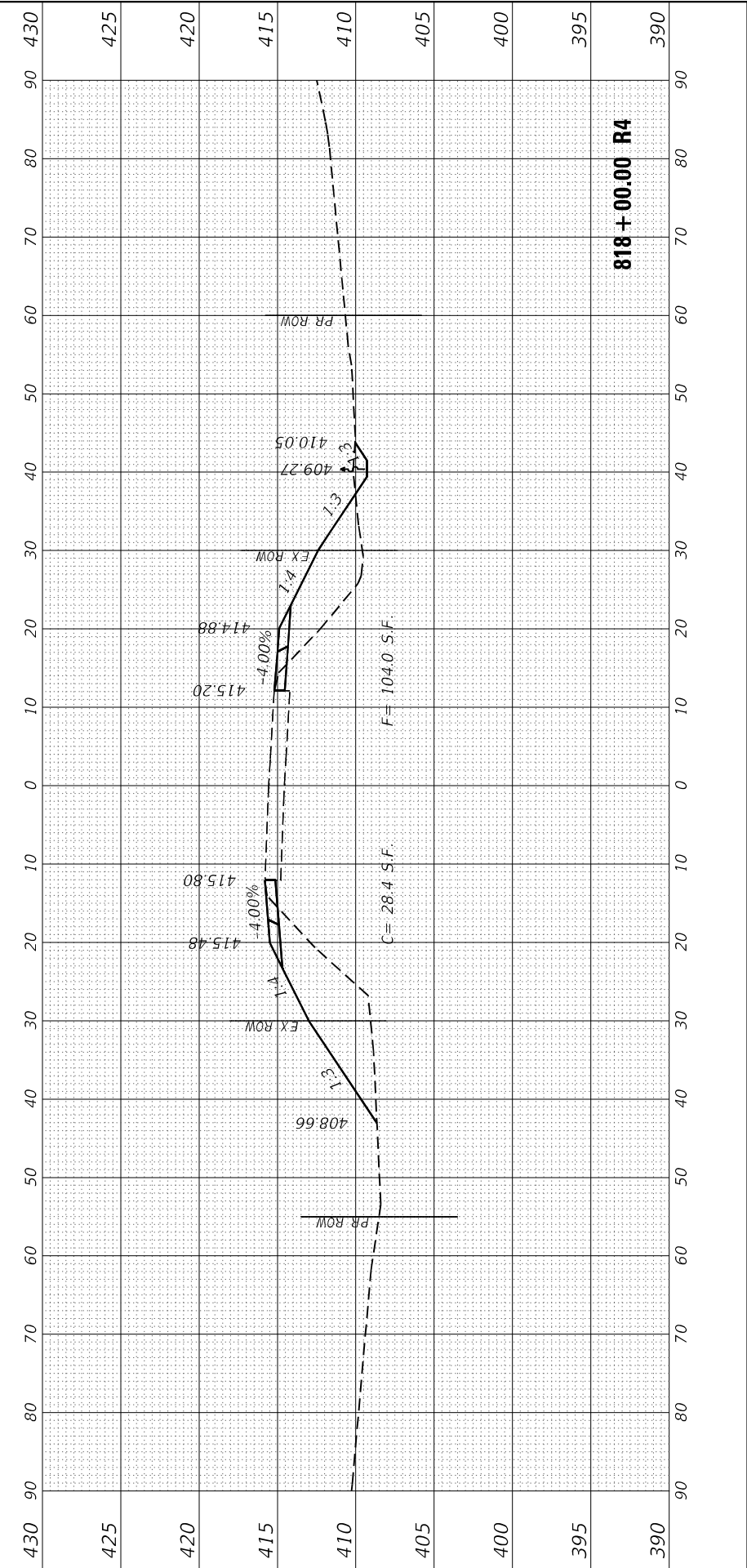
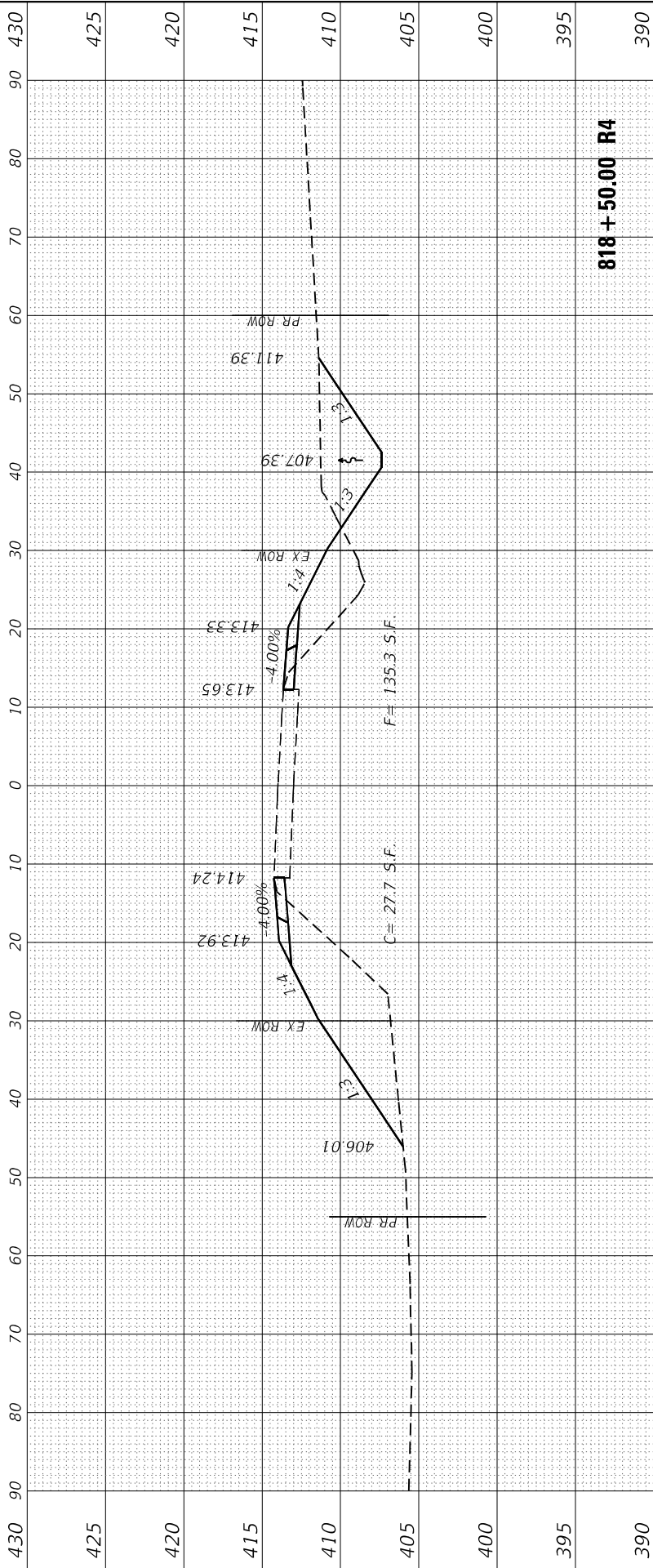
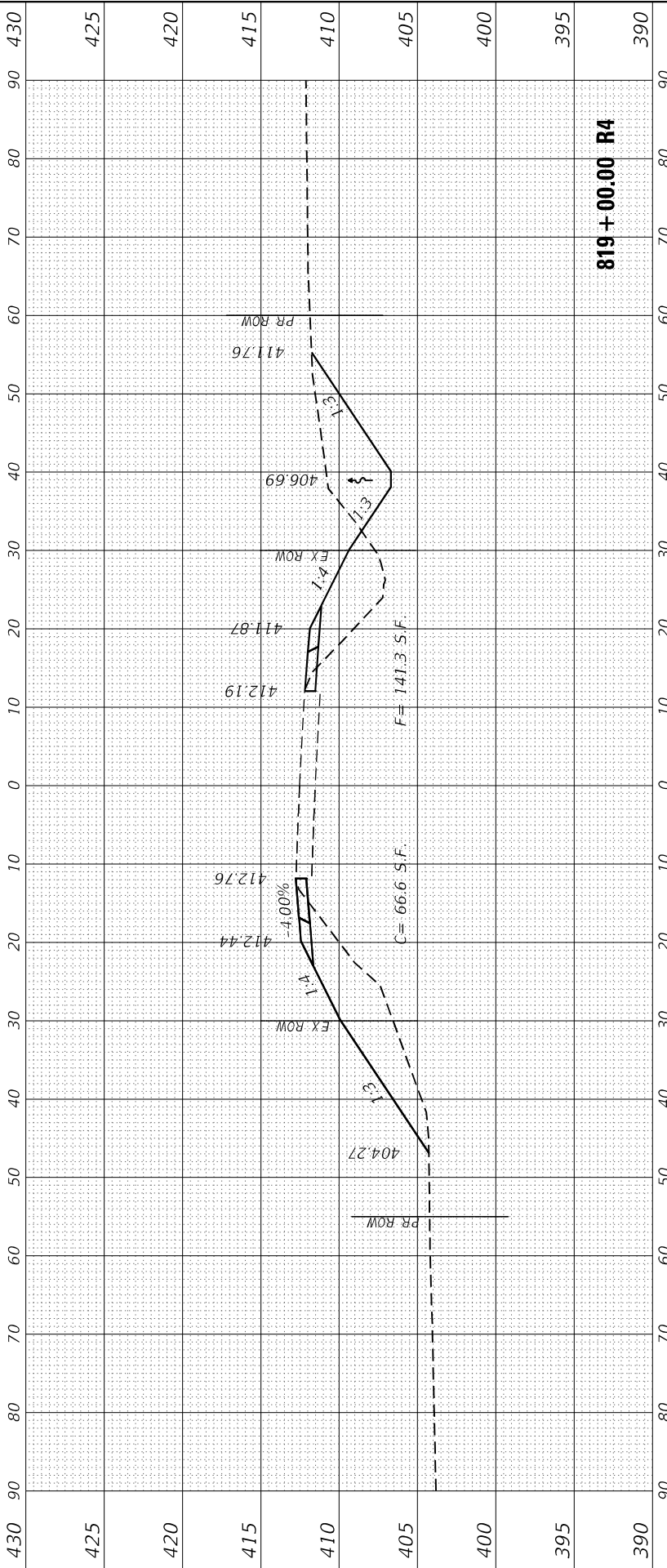
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 34 OF 80 SHEETS	STA. 818+00.00 R4 TO STA. 819+00.00 R4
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	119
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: XS-N-50
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EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - AEH
	DRAWN - ZJW
PLOT SCALE = 20.0000 " / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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REVISED	-
REVISED	-
REVISED	-

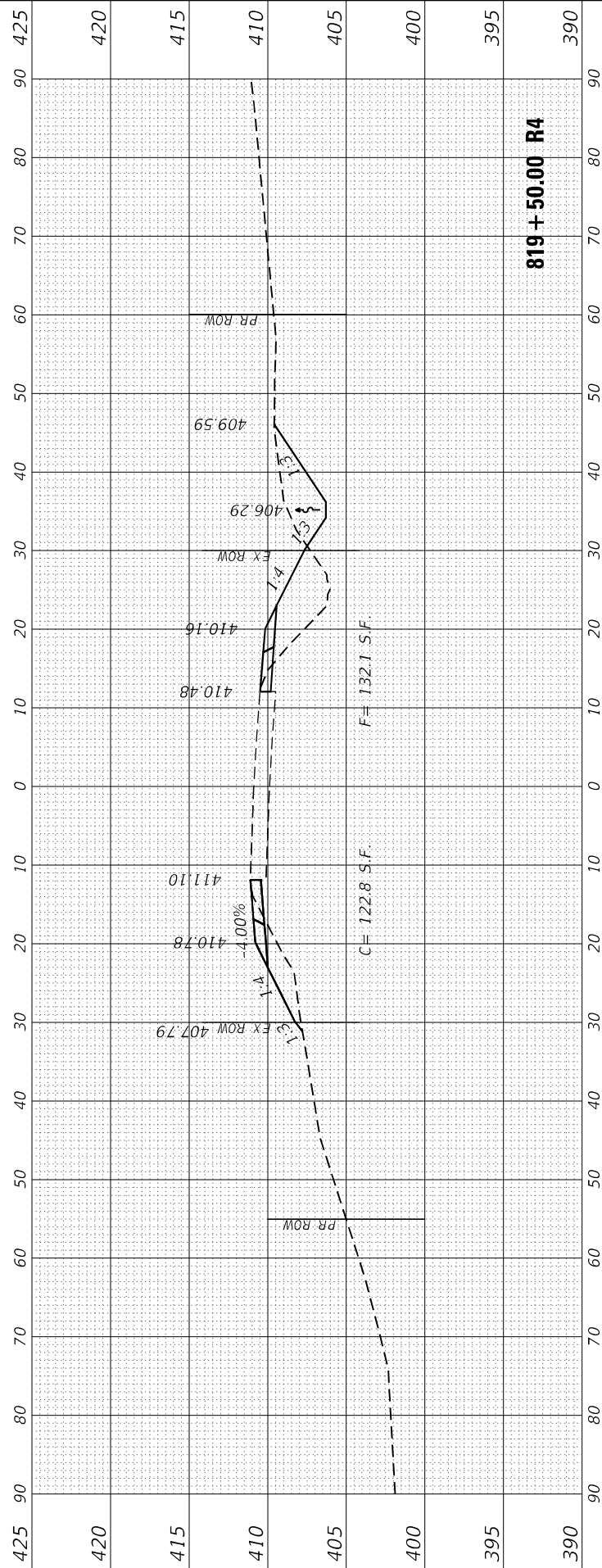
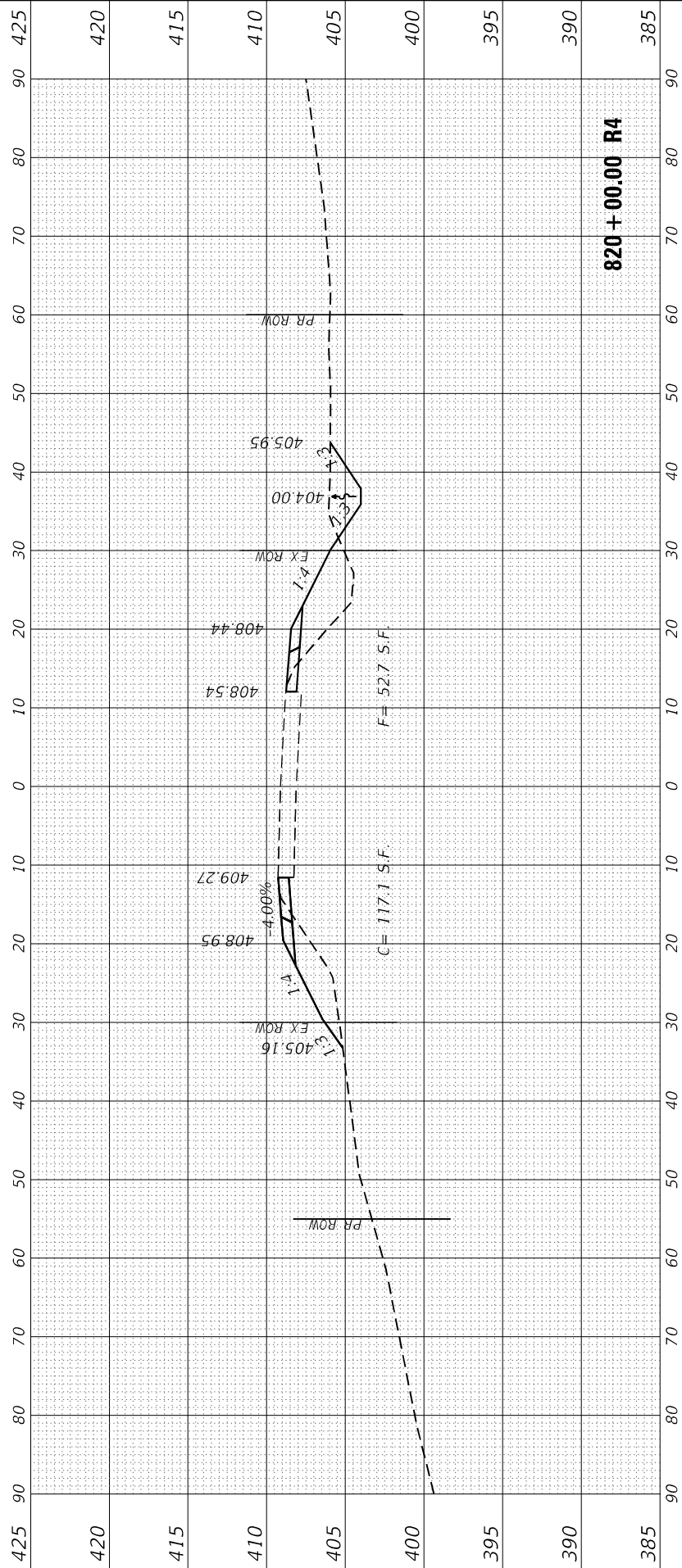
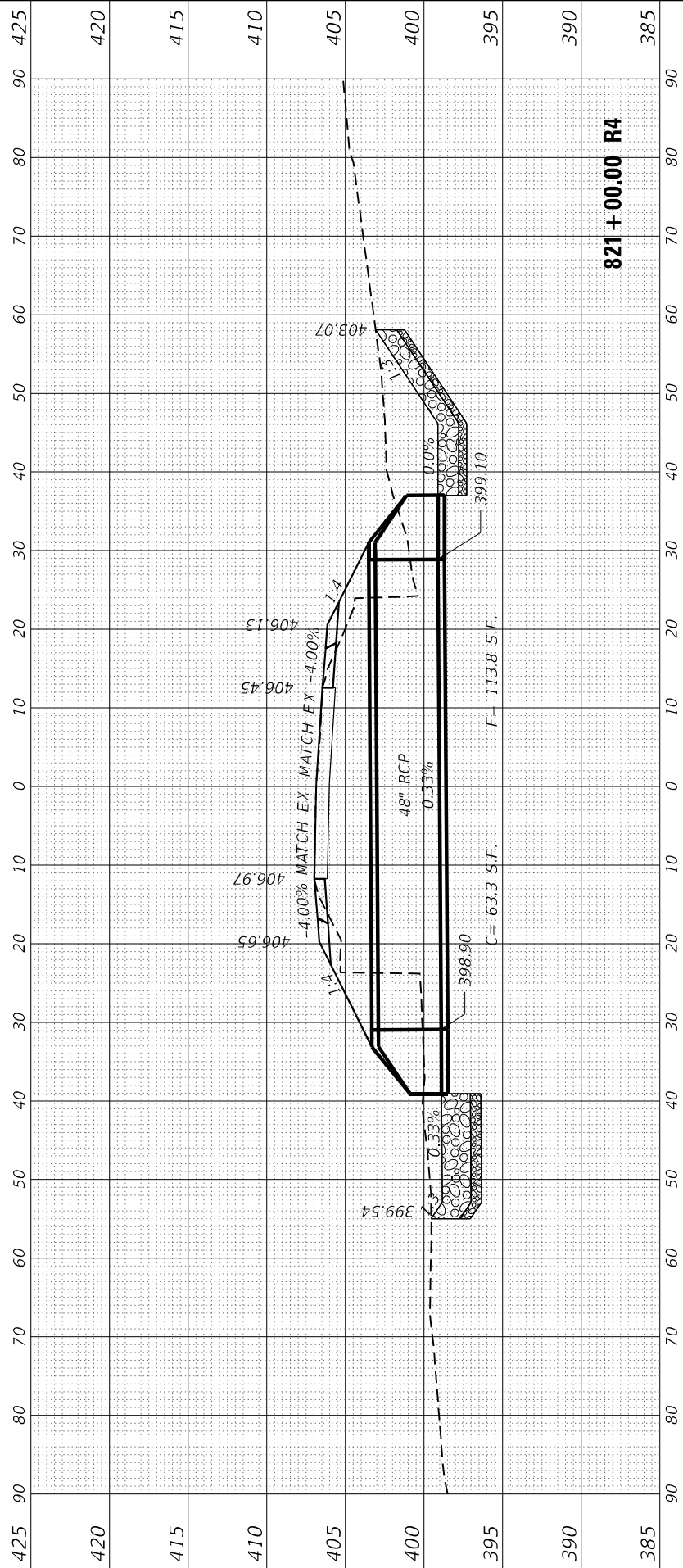
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 35 OF 80 SHEETS	STA. 819+50.00 R4 TO STA. 821+00.00 R4
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	120
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

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	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

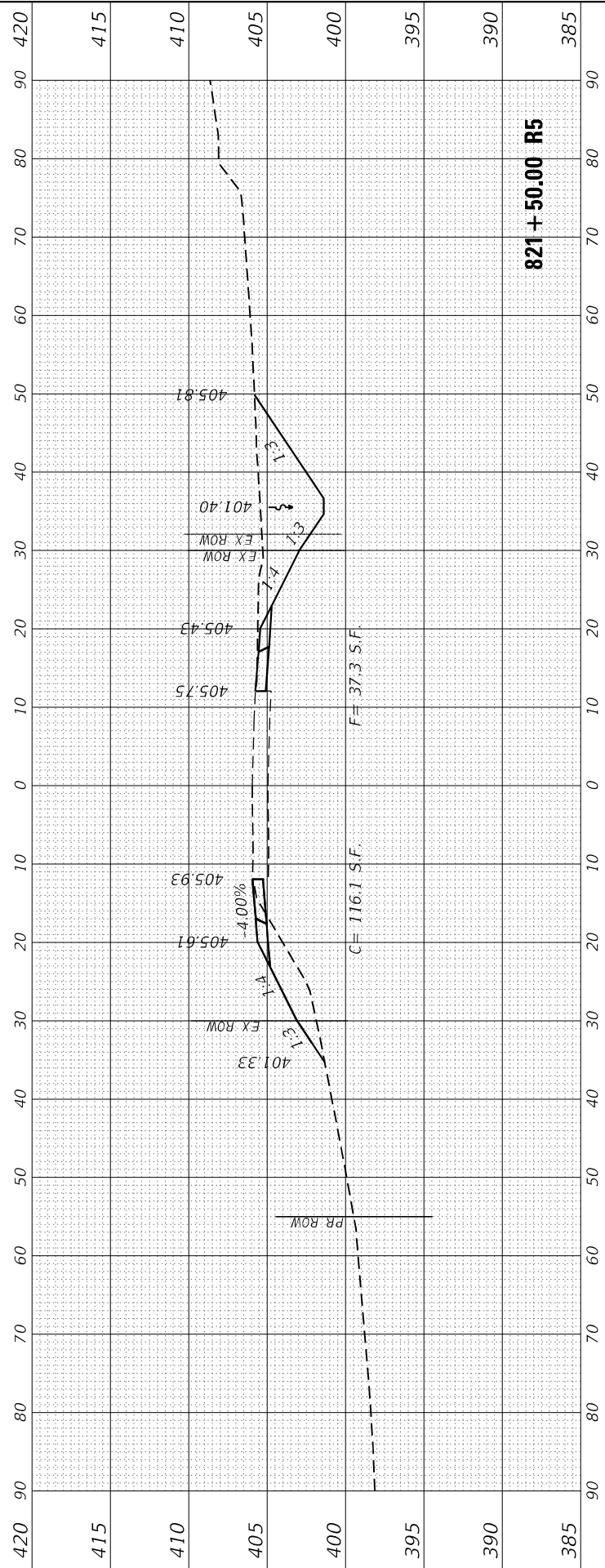
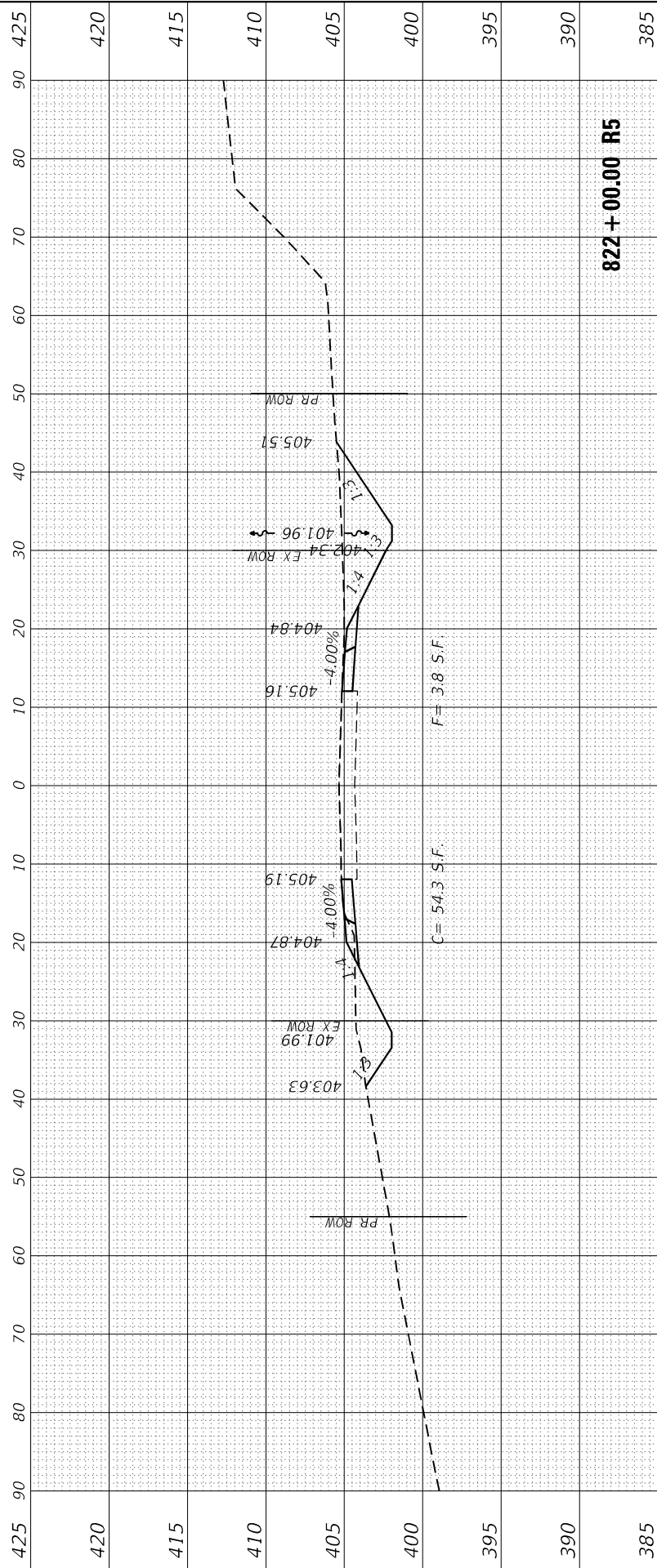
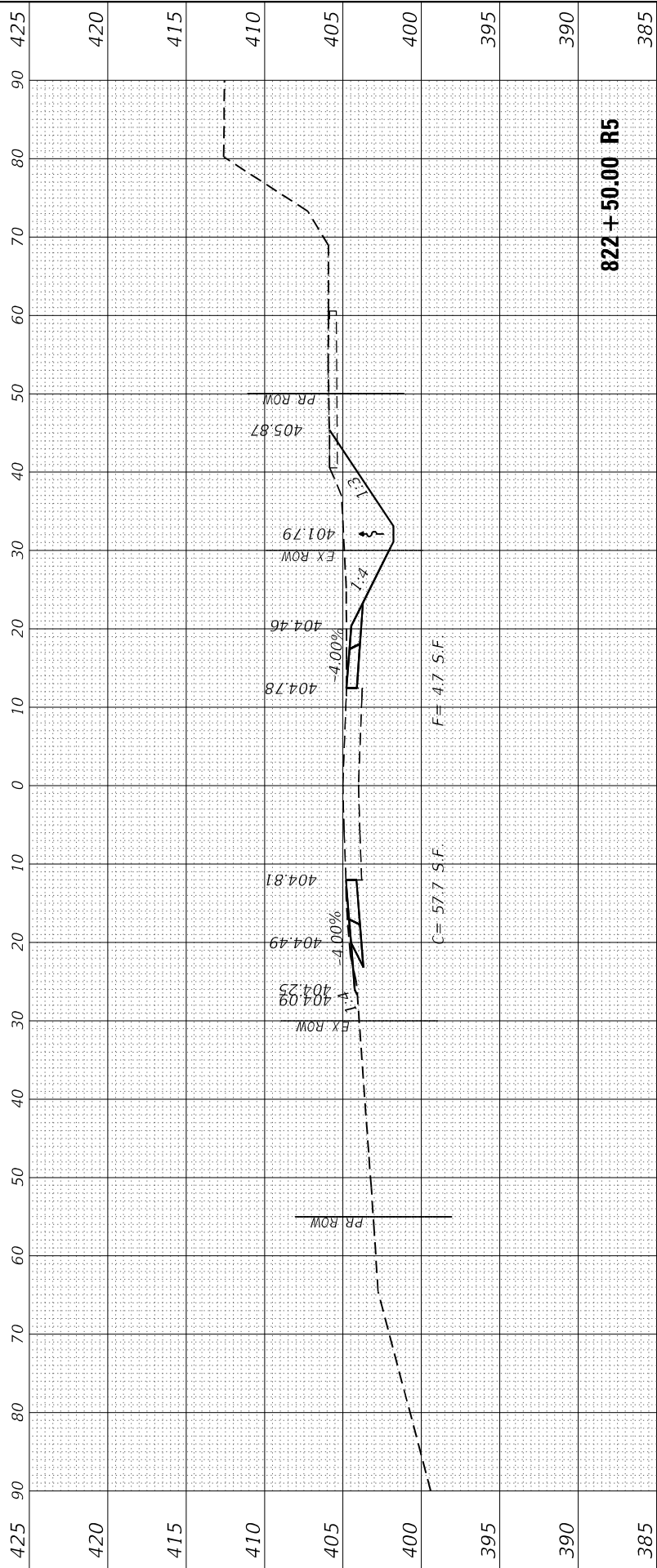
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 36 OF 80 SHEETS	STA. 821+50.00 R5 TO STA. 822+50.00 R5
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	121
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL XS-N-10
FILE NAME: 2/2/2023_18 US 45DCNDesign\Final\CAO_Sheets\082-16-0978789-XS-N.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

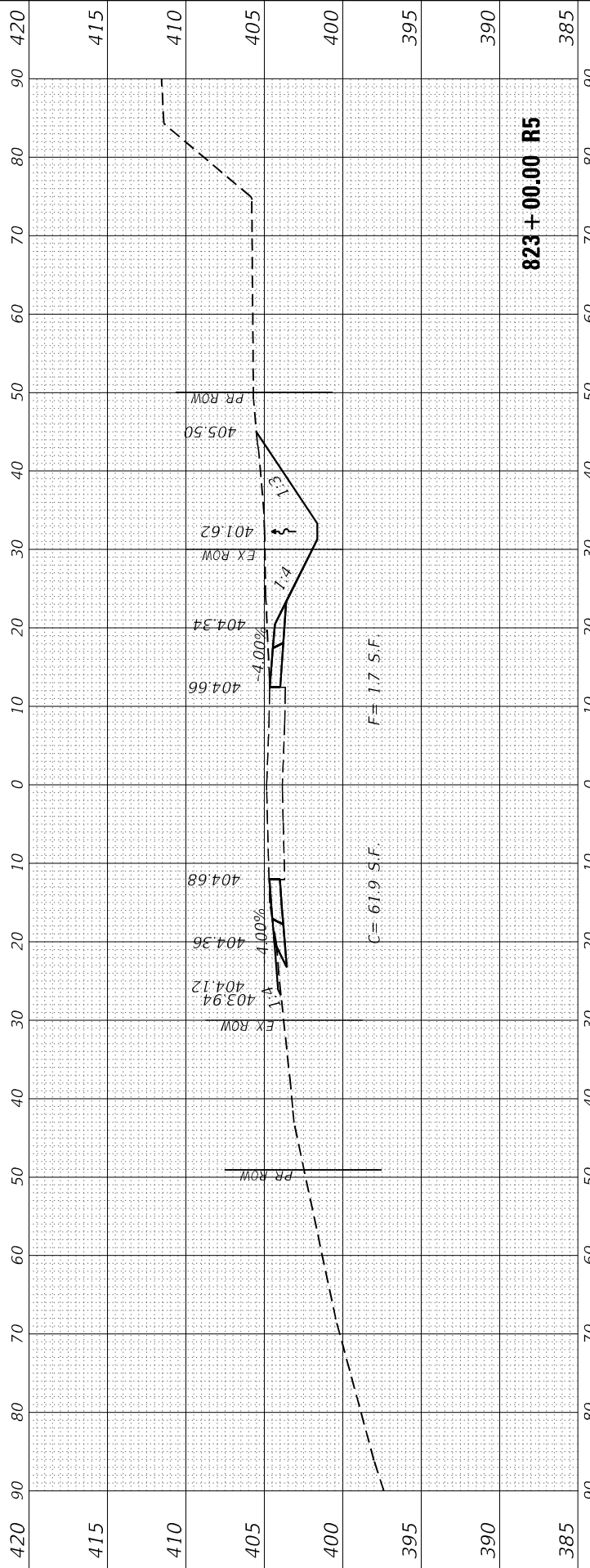
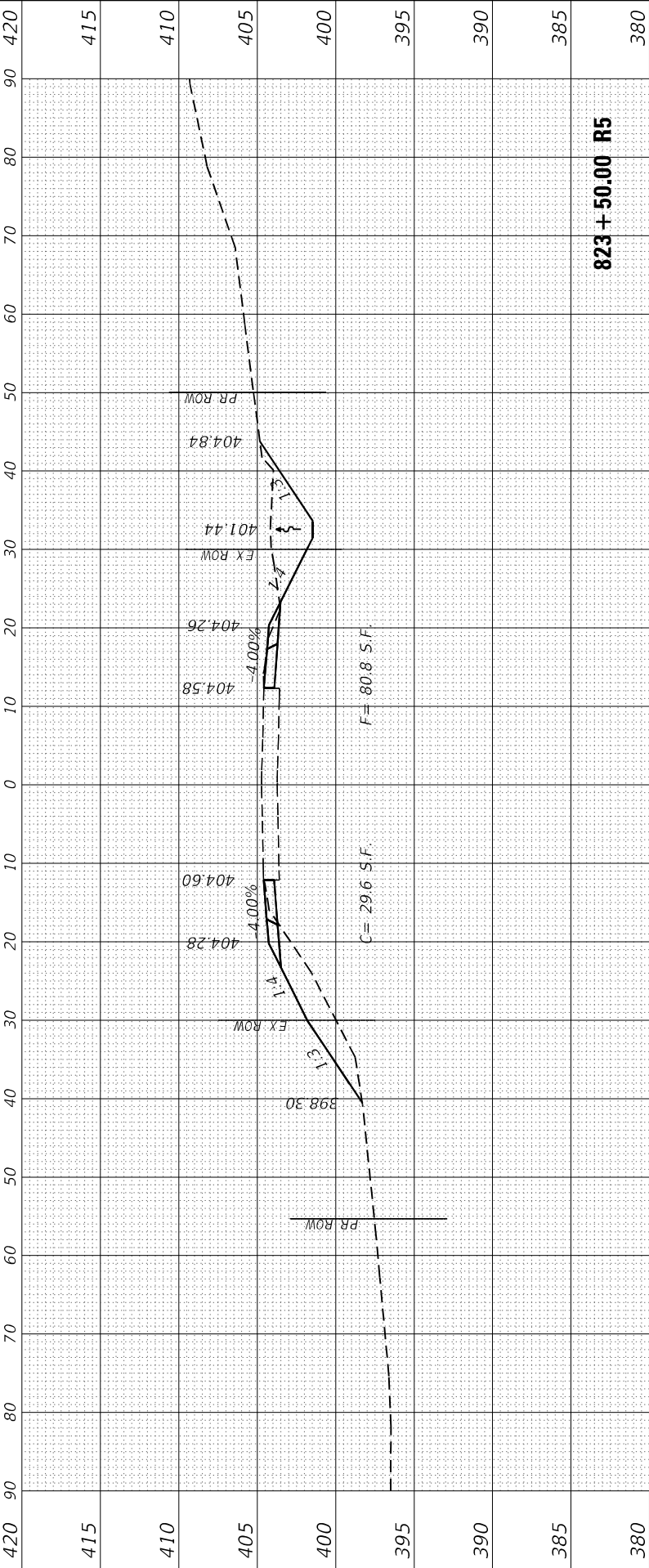
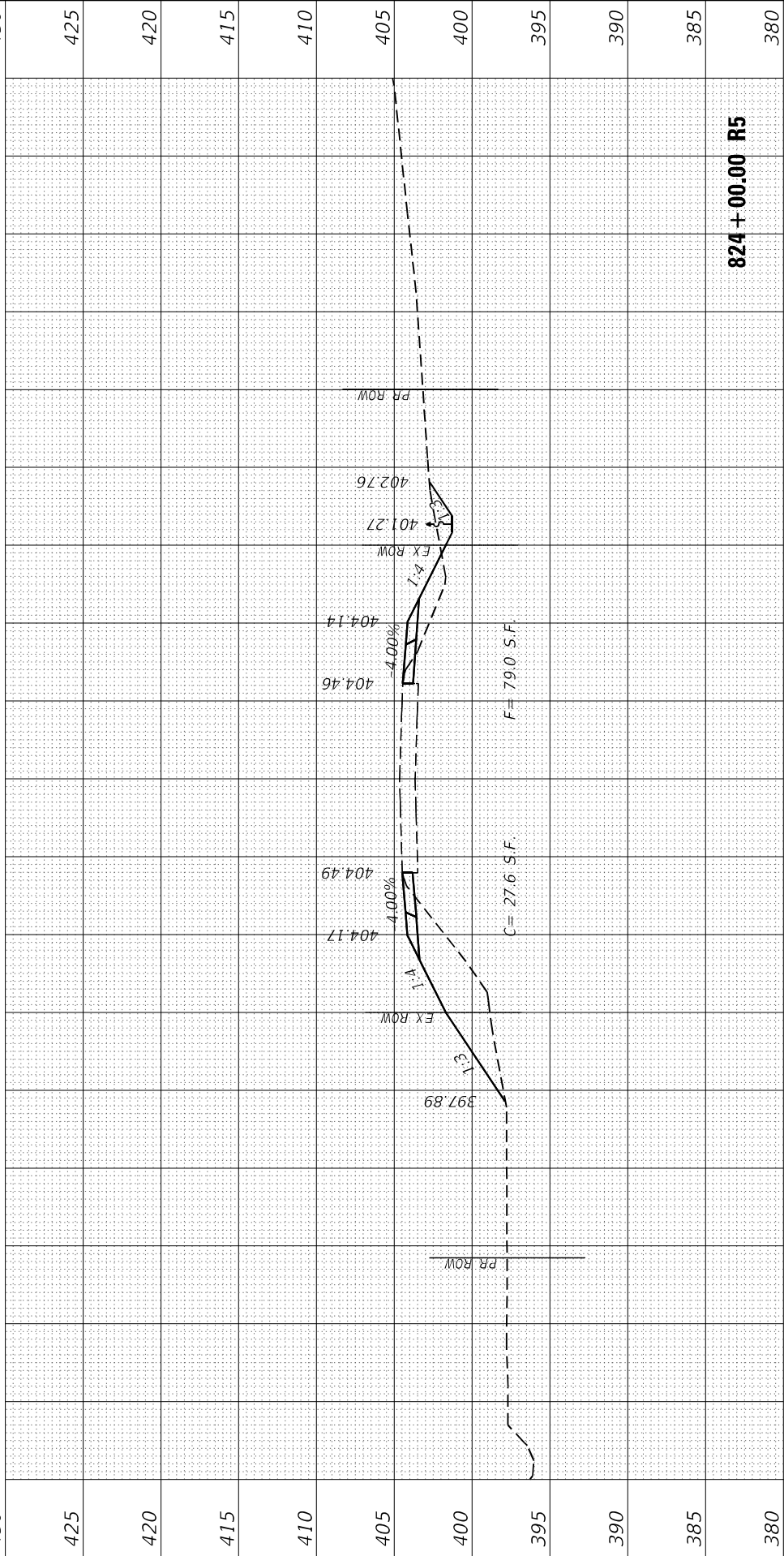
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 37 OF 80 SHEETS STA. 823+00.00 R5 TO STA. 824+00.00 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	122
** 332 / 877			CONTRACT NO. 78789	
ILLINOIS			FED. AID PROJECT	

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023, 8 US 4510GNDDesign\Final\CAO Sheets\117-117-1978789-XS.dgn

EFK♦Moen
Civil Engineering Design

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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

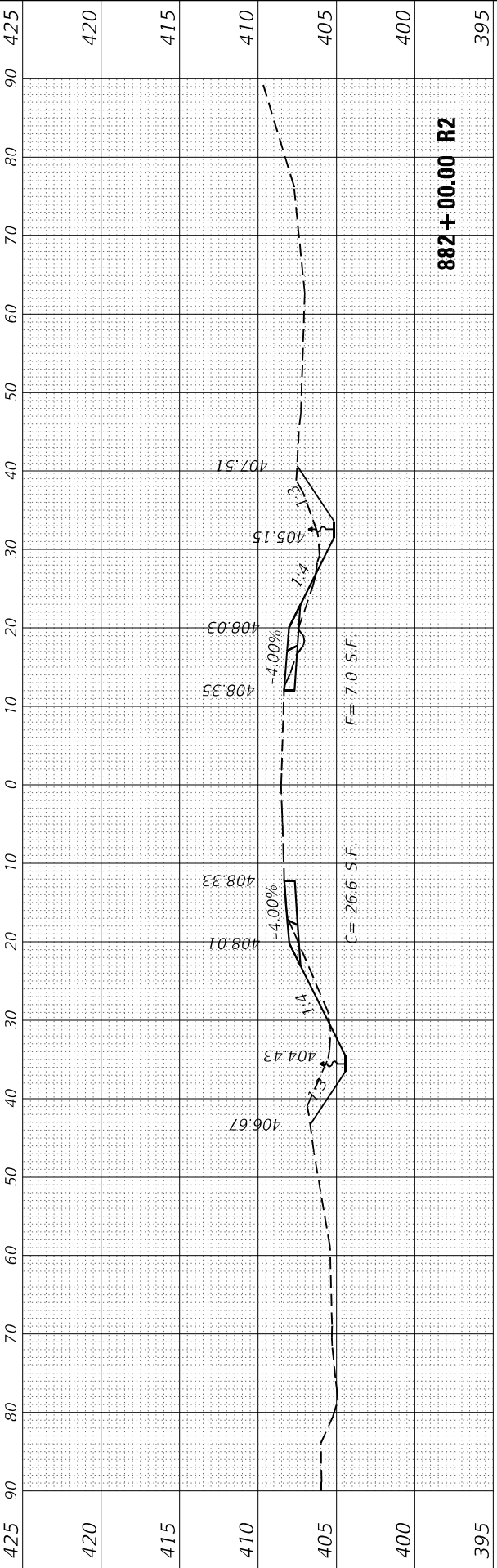
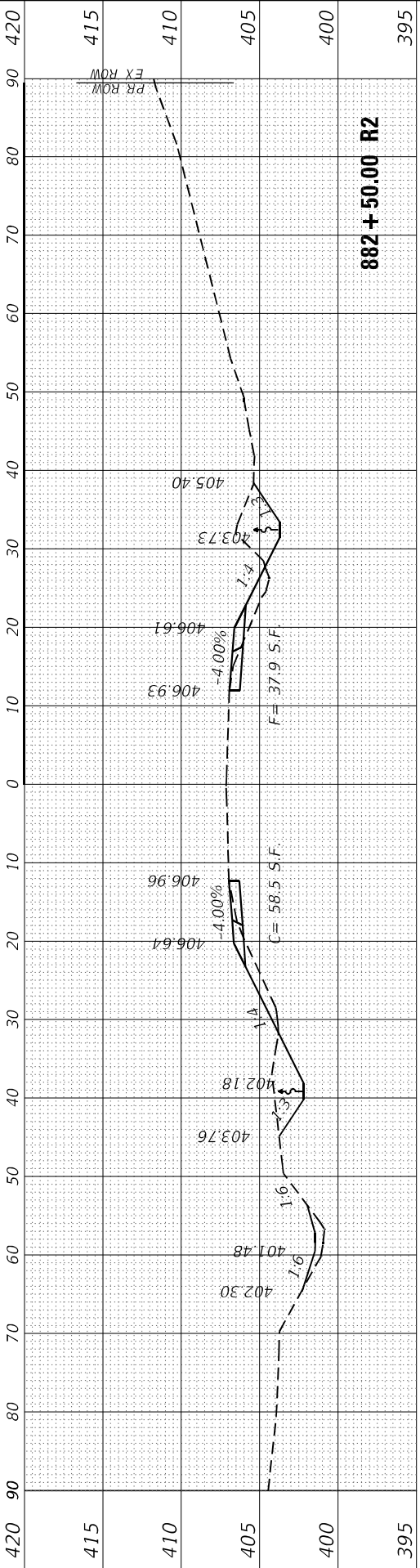
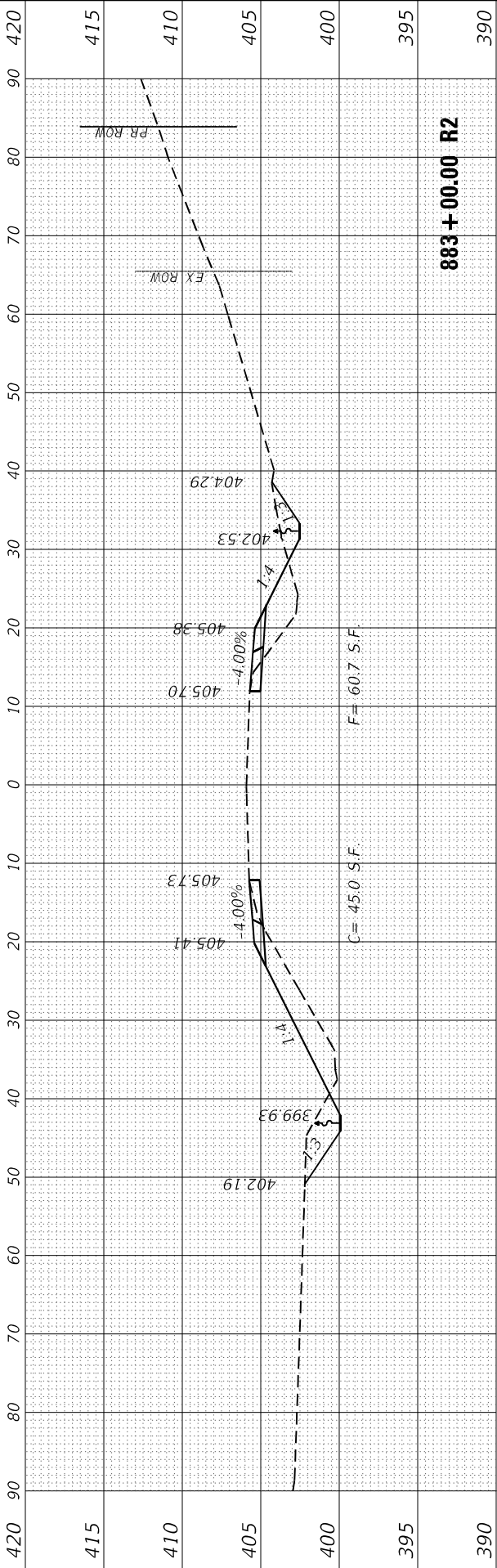
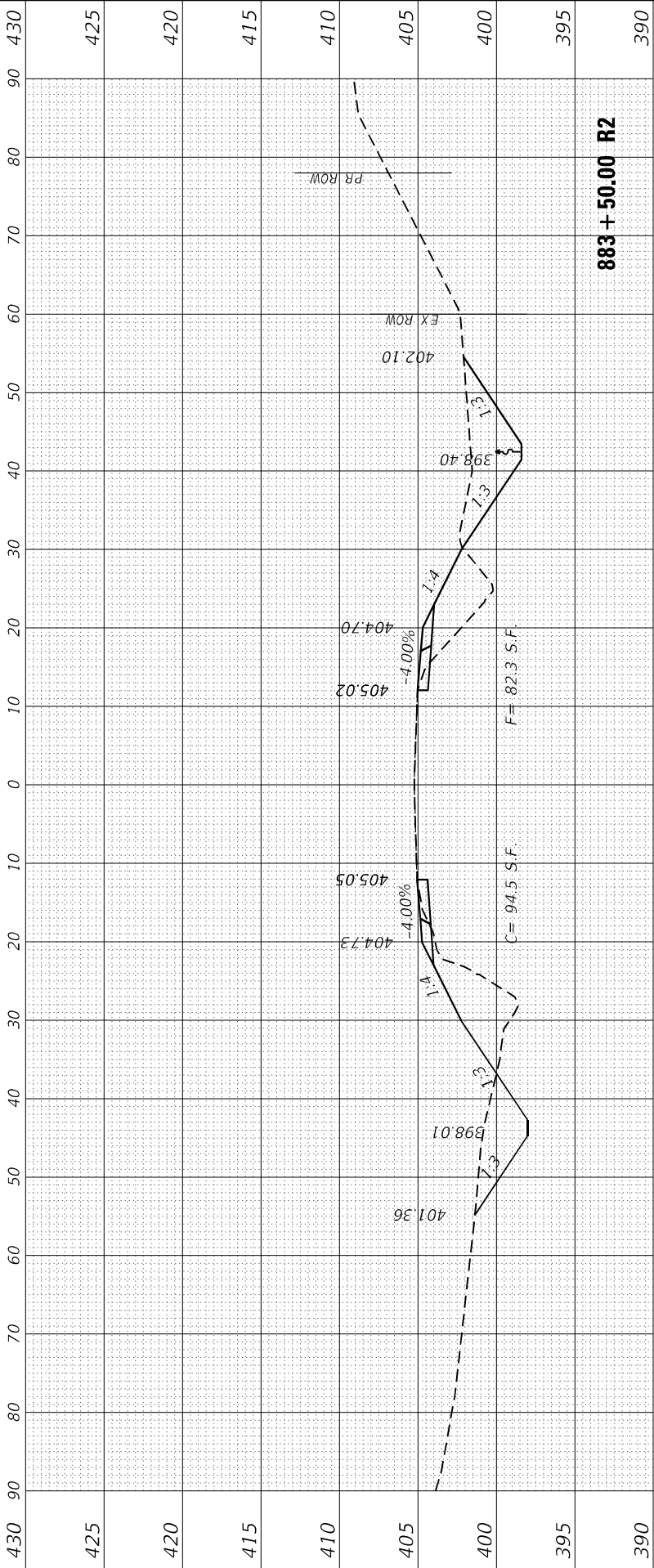
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 39 OF 80 SHEETS STA. 882+00.00 TO STA. 883+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			165	124
**	(28,29,100,101-2)SR-1,N-1	*	CONTRACT NO. 78789	
** 332 / 877			ILLINOIS FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023, 8 US 4530GNDDesignFinalCAO Sheets117-117-197878X55.dgn

EFK♦Moen
Civil Engineering Design

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	DRAWN - ZJW
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PLOT DATE = 2/28/2025	DATE - 2/28/2025

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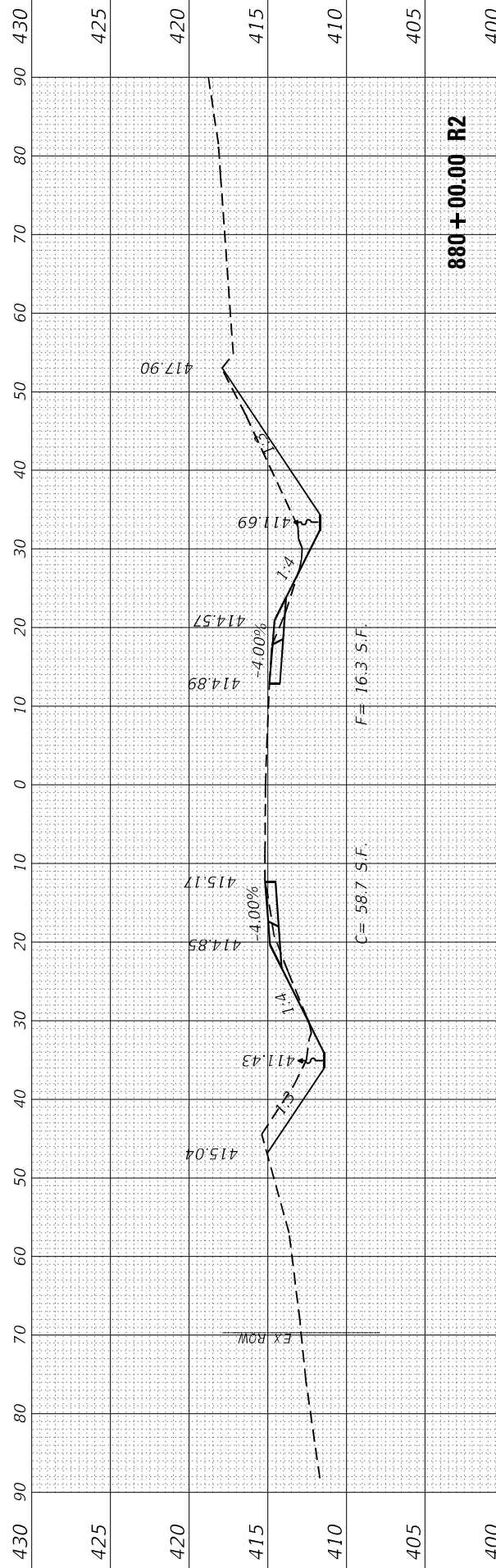
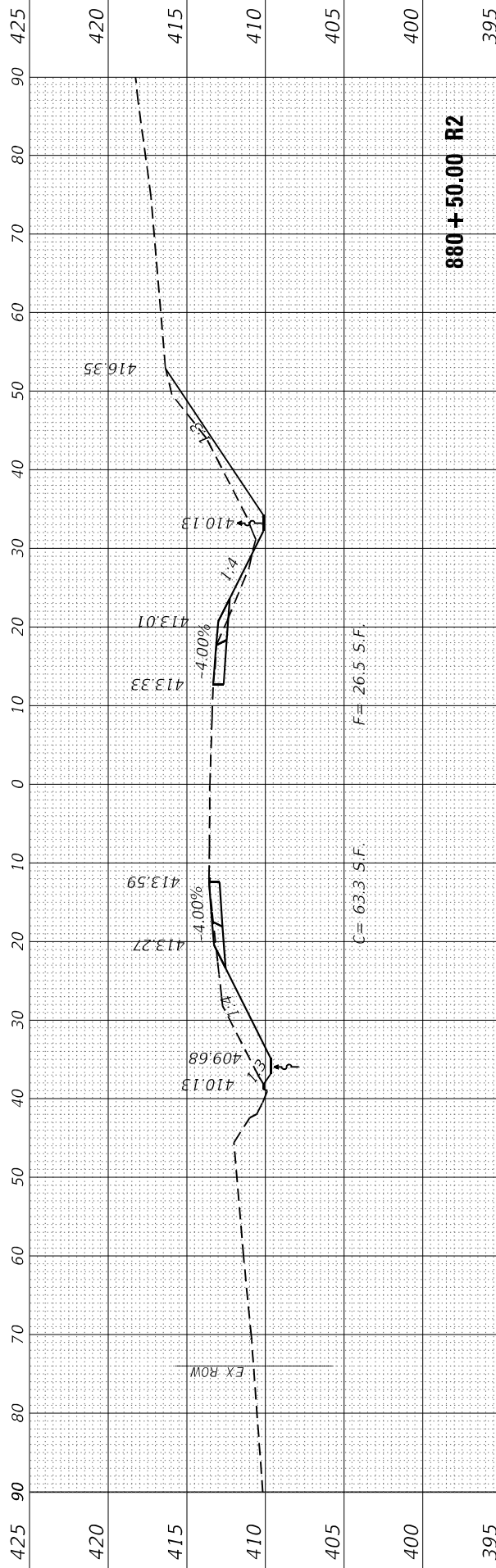
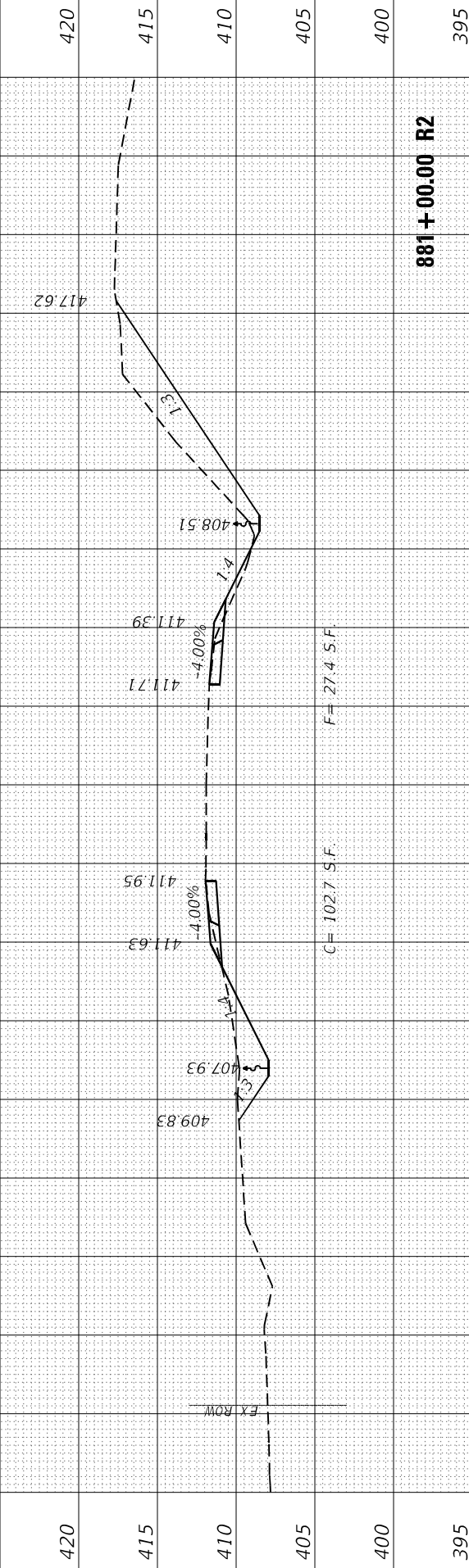
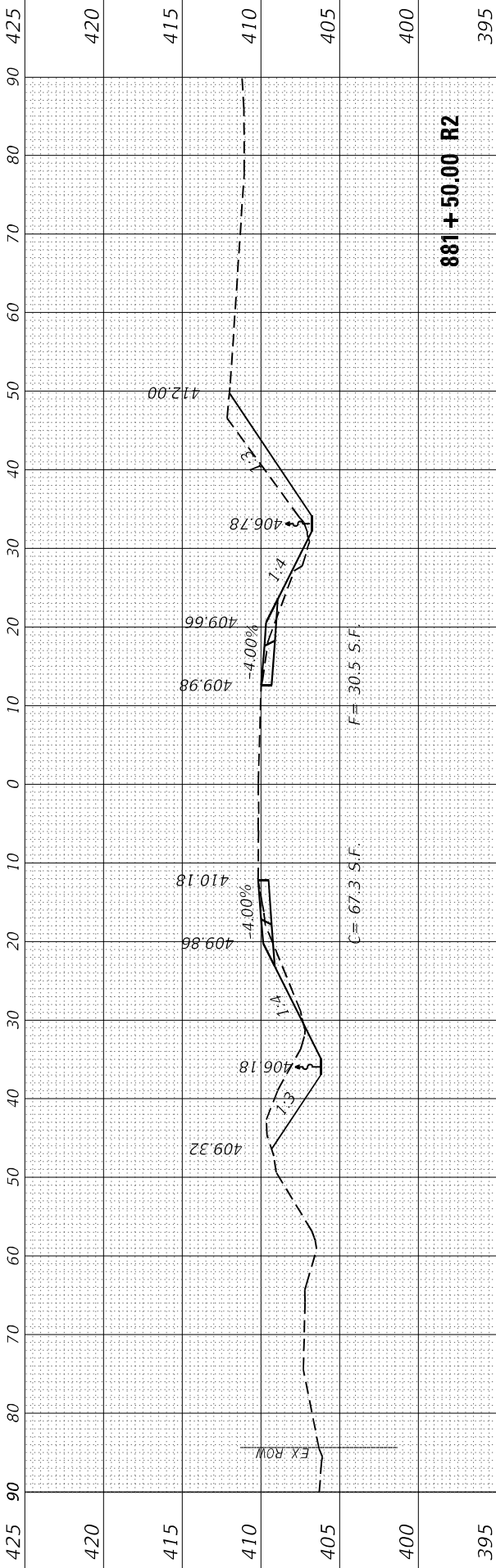
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 40 OF 80 SHEETS STA. 880+00.00 TO STA. 881+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	125
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023_18 US 4510GNDDesign\Final\CAO Sheets\117-117-1978789-XS.dgn

EFK♦Moen
Civil Engineering Design

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	DRAWN - ZJW
PLOT SCALE = 20:0' ** / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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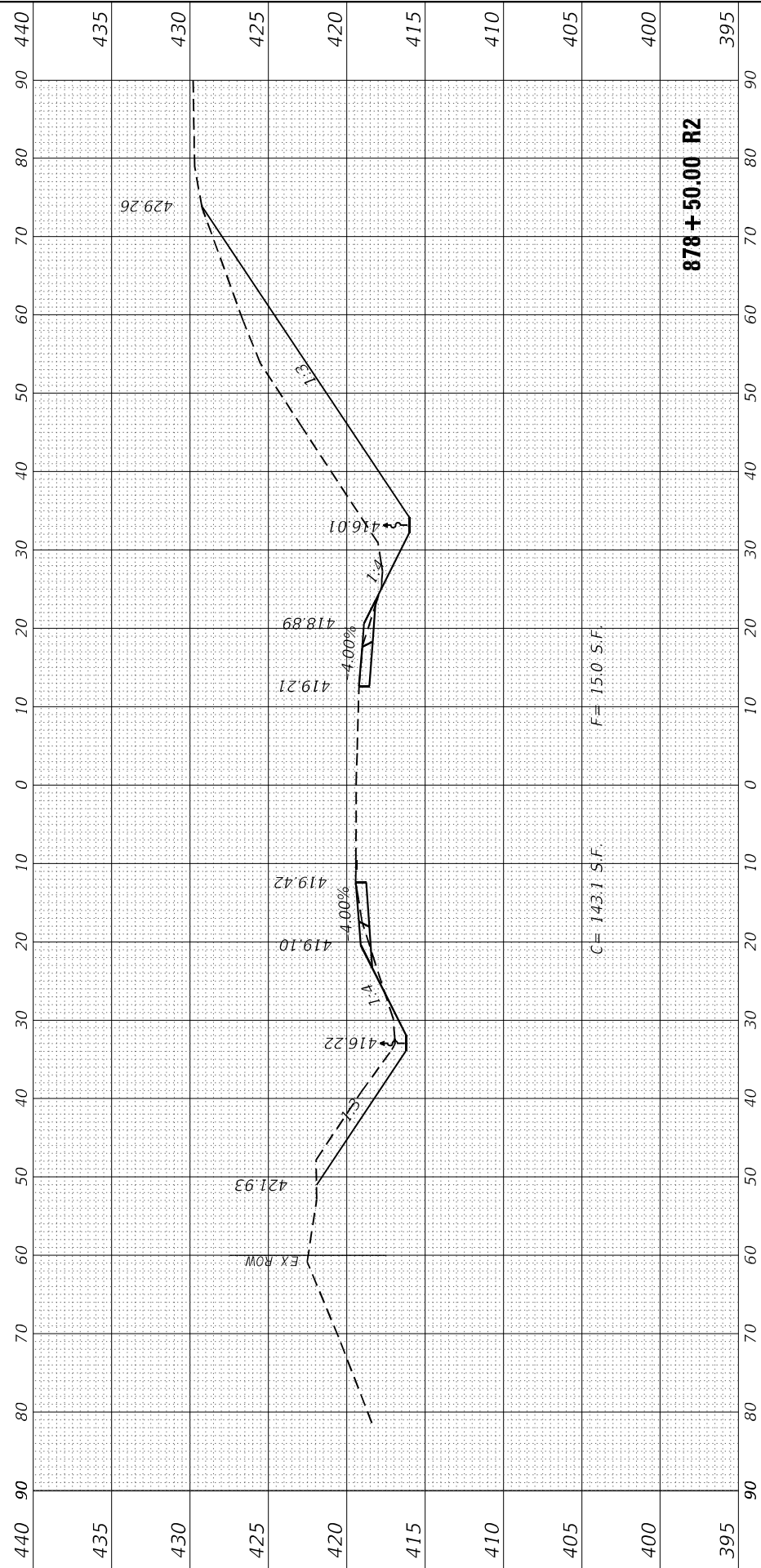
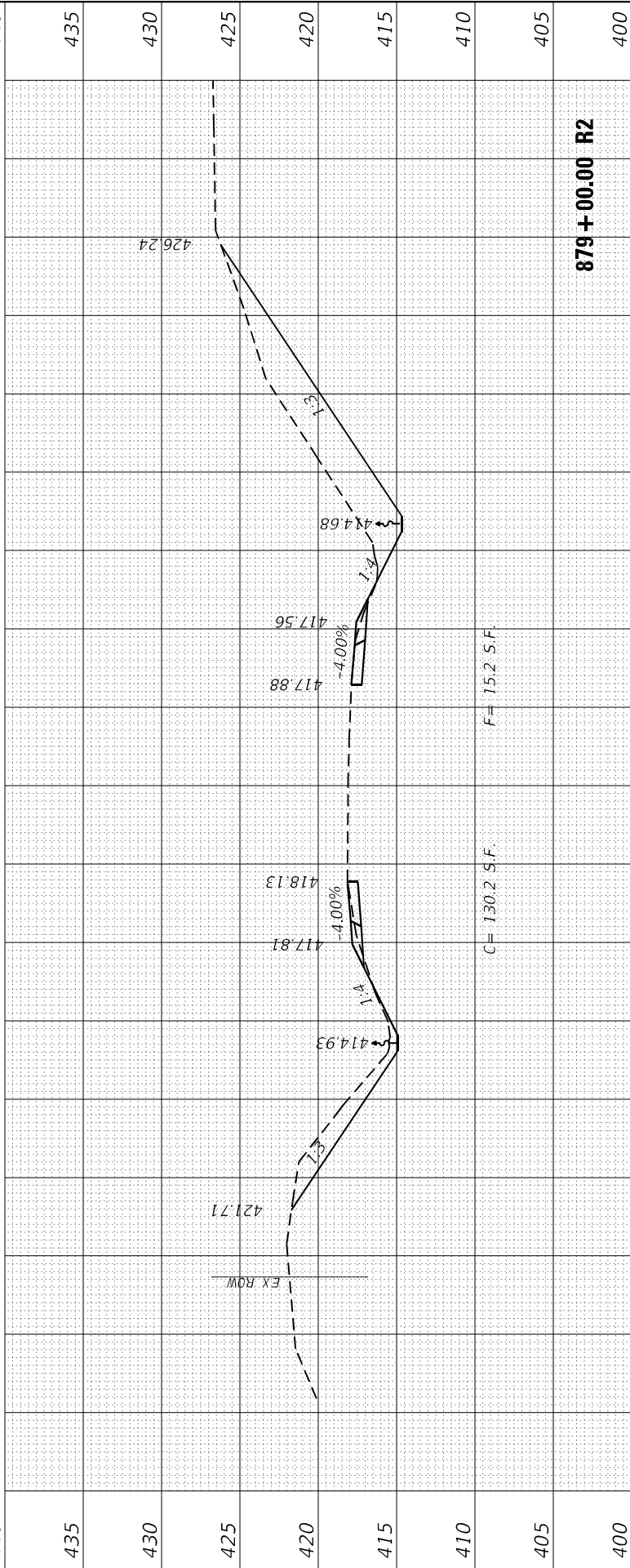
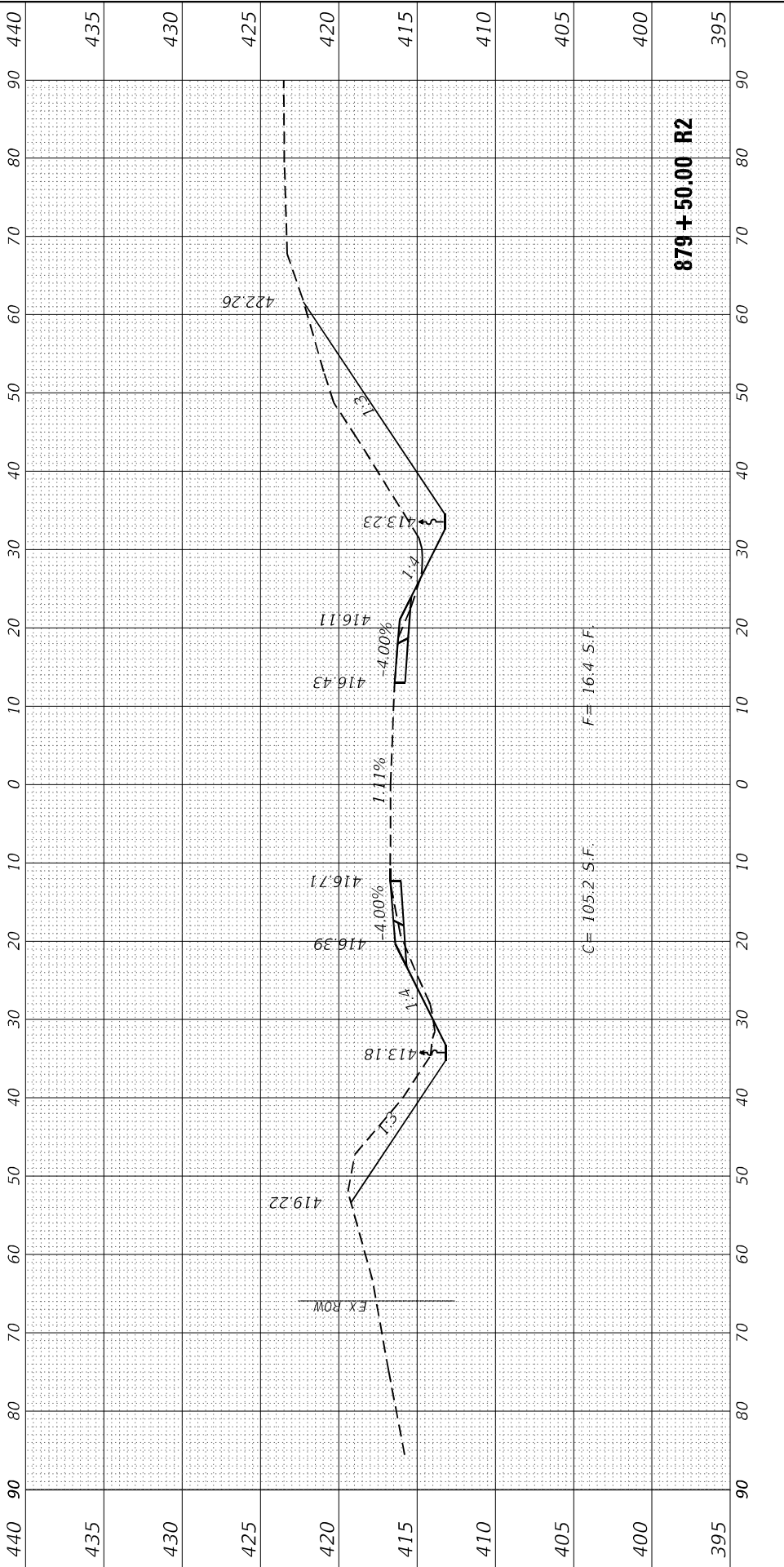
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5" V : 10" H SHEET 41 OF 80 SHEETS STA. 878+50.00 TO STA. 879+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	126
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 2/20063_8 US 450GNDDesignFinalCAD Sheets117217297878455.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
PLOT SCALE = 20:0' ** / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

878+00.00 R2

C= 137.9 S.F.
F= 14.6 S.F.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 5"V : 10"H
SHEET 42 OF 80 SHEETS
STA. 877+00.00 TO STA. 878+00.00

FAP 332
CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	127
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

MODEL South Model Total Xsec Sheets
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EFK•Moen
Civil Engineering Design

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REVISED -

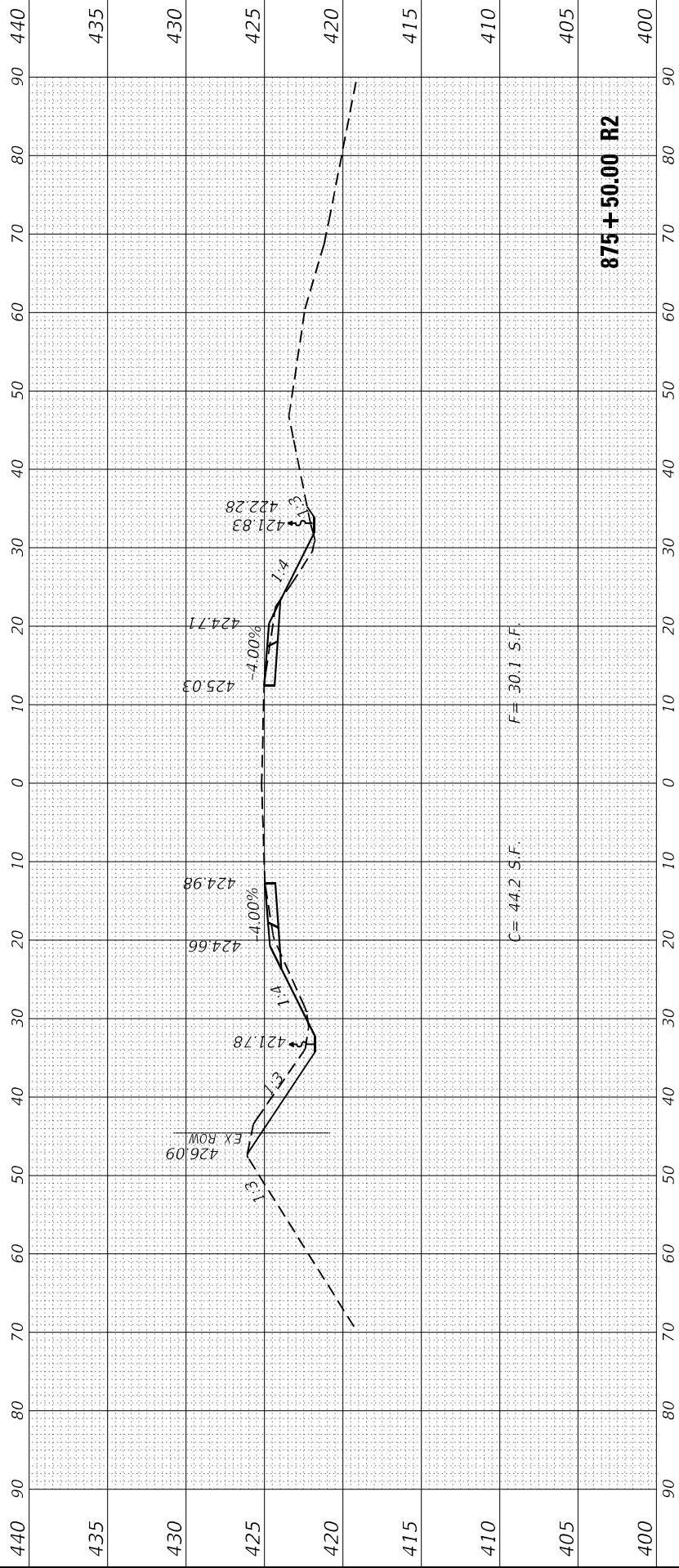
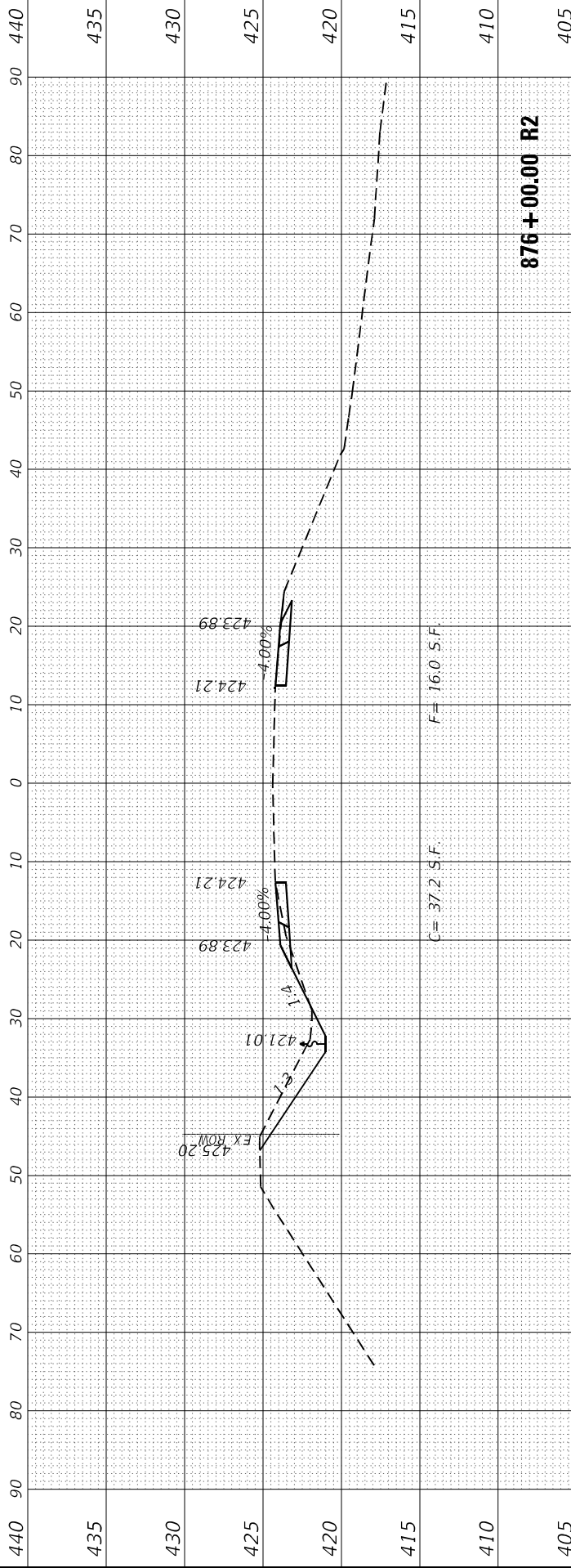
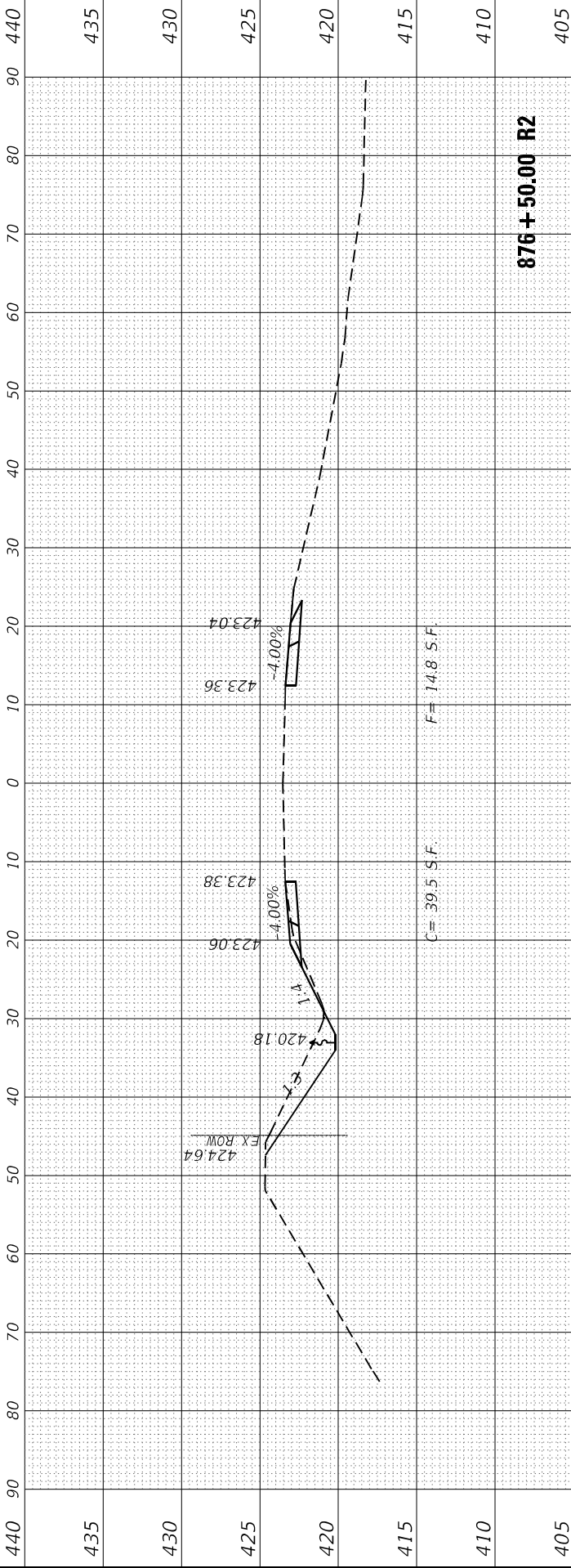
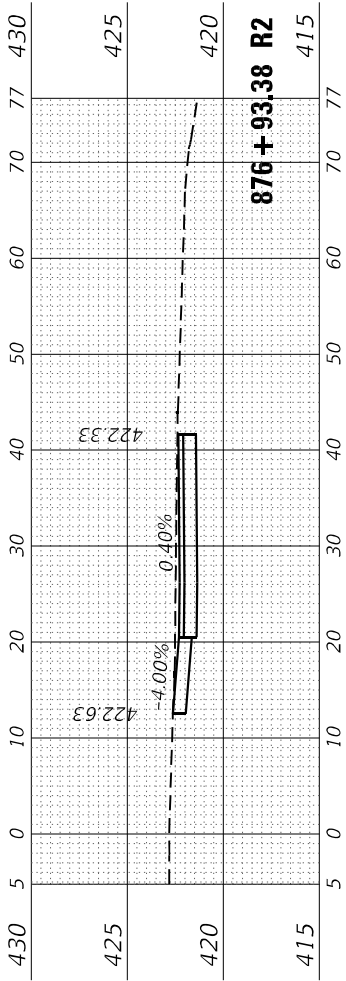
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 43 OF 80 SHEETS STA. 875+50.00 TO STA. 876+93.38

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	128
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45\DGN\Des

MODEL: South Model 1000 KSCC SHEETS
FILE NAME: Z:\20063.18 US 45\IDGN\Design\Final\CAD_Sheets\117-147-D978789-XS-S.dgn



USER NAME = ZWaters	DESIGNED - SJF
	DRAWN - ZJW
PLOT SCALE = 20:0 " = 1" / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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REVISED	-
REVISED	-

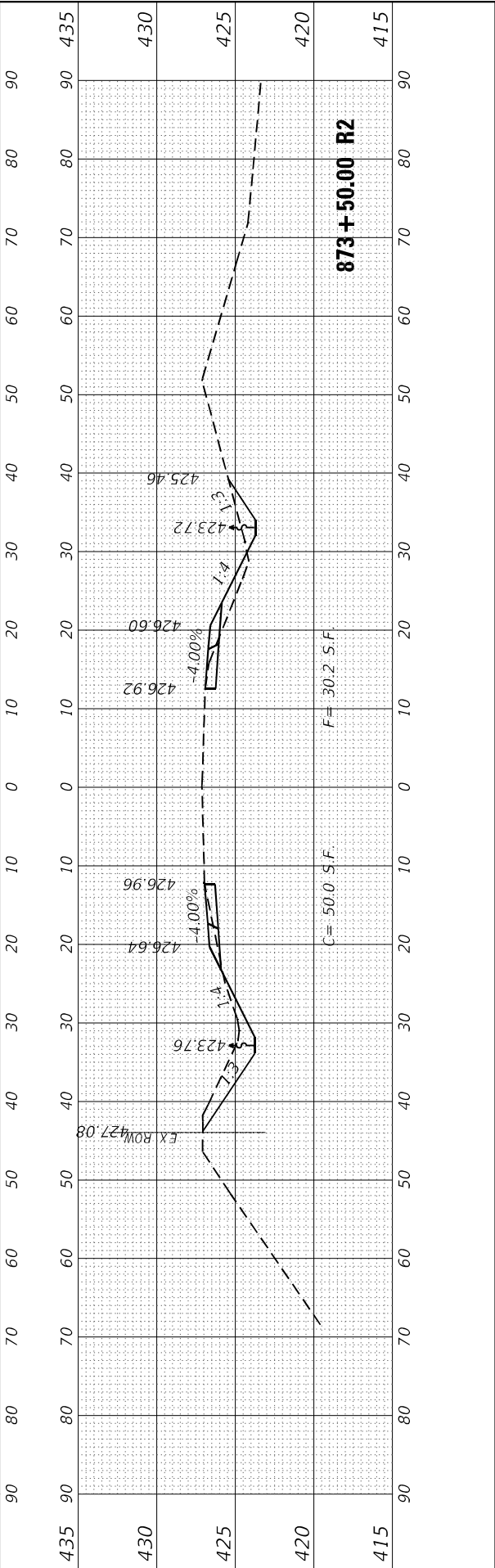
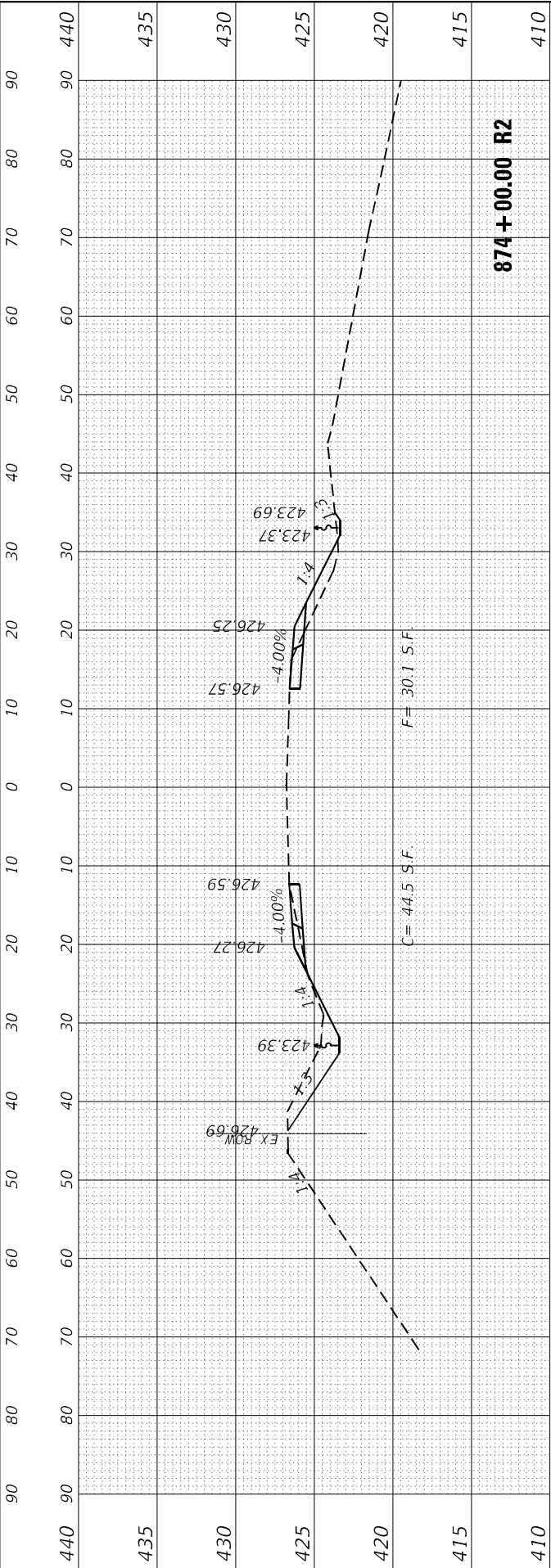
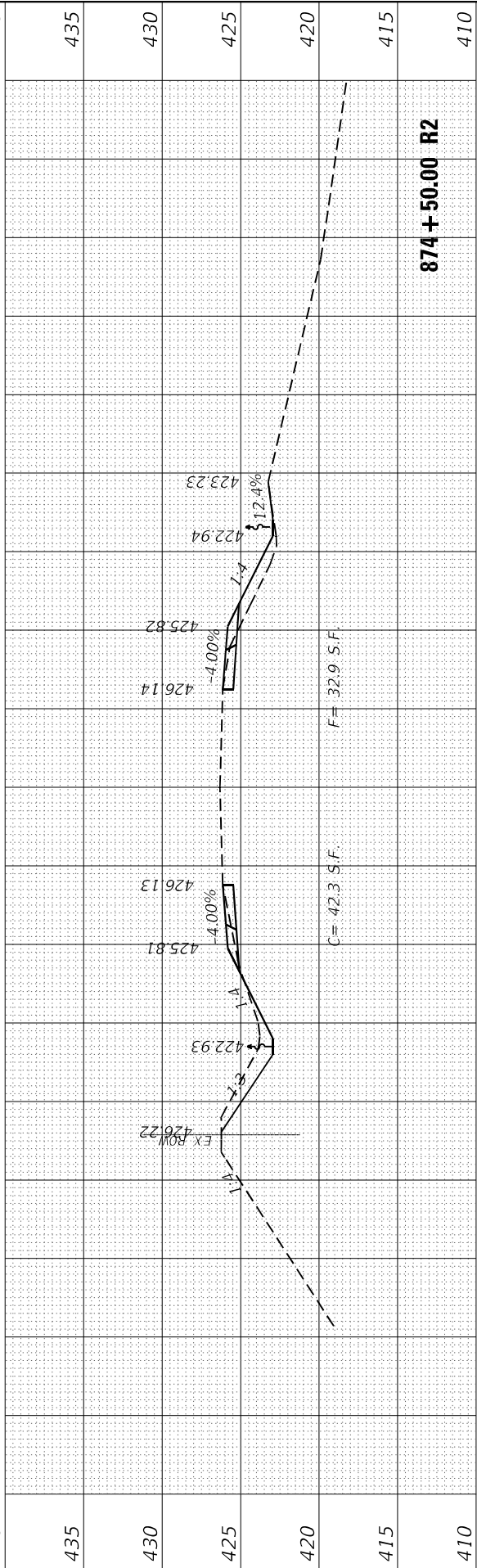
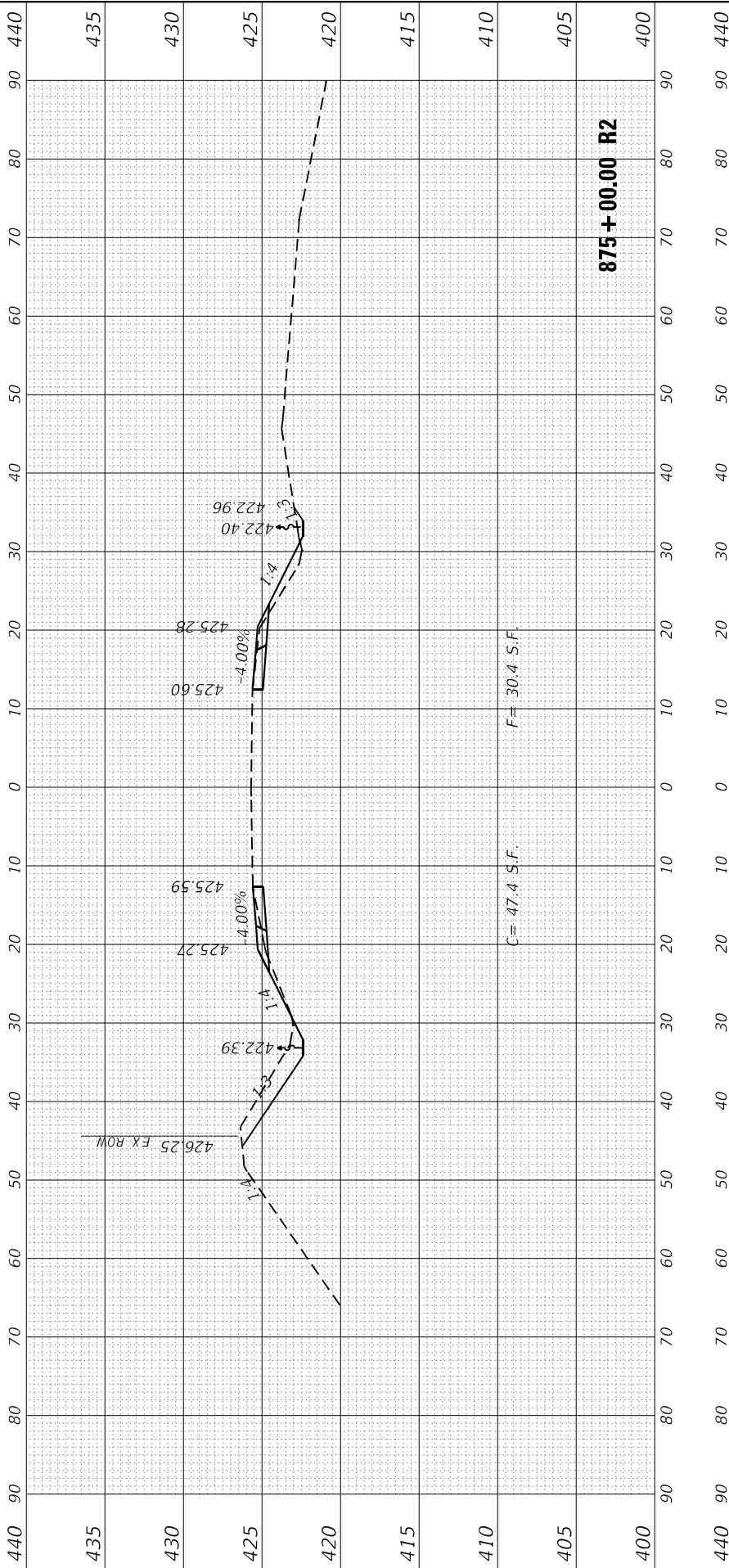
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 44 OF 80 SHEETS	STA. 873+50.00 TO STA. 875+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	129
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45\DGN\Des

MODEL: South Model 1000 KSCC SHEETS
FILE NAME: Z:\20063.18 US 45\IDGN\Design\Final\CAD_Sheets\117-147-D978789-XS-S.dgn

EFK♦Moen
Civil Engineering Design

USER NAME	= ZWaters
PLOT SCALE	= 20:0' : " / in.
PLOT DATE	= 2/28/2025

DESIGNED	-	SJF
DRAWN	-	ZJW
CHECKED	-	SLD
DATE	-	2/28/2025

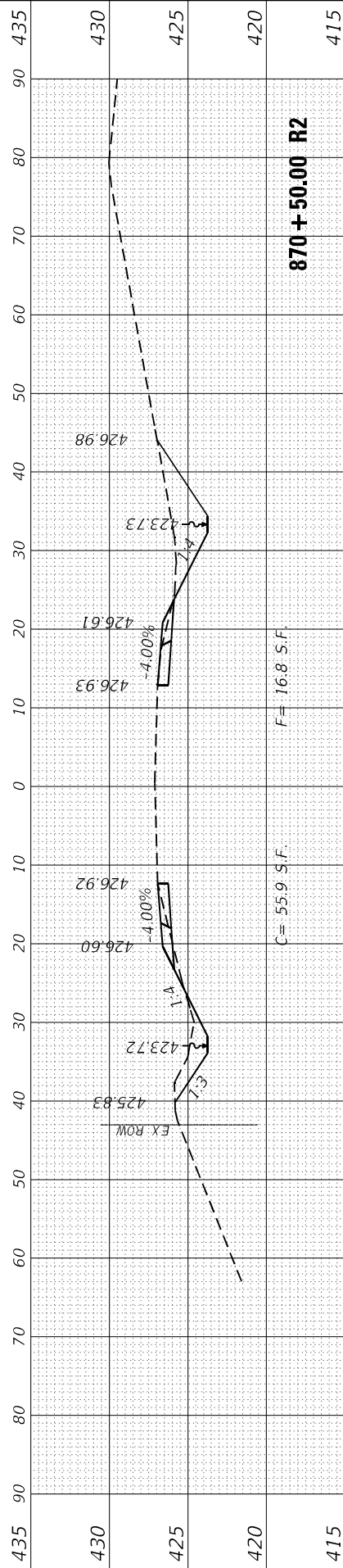
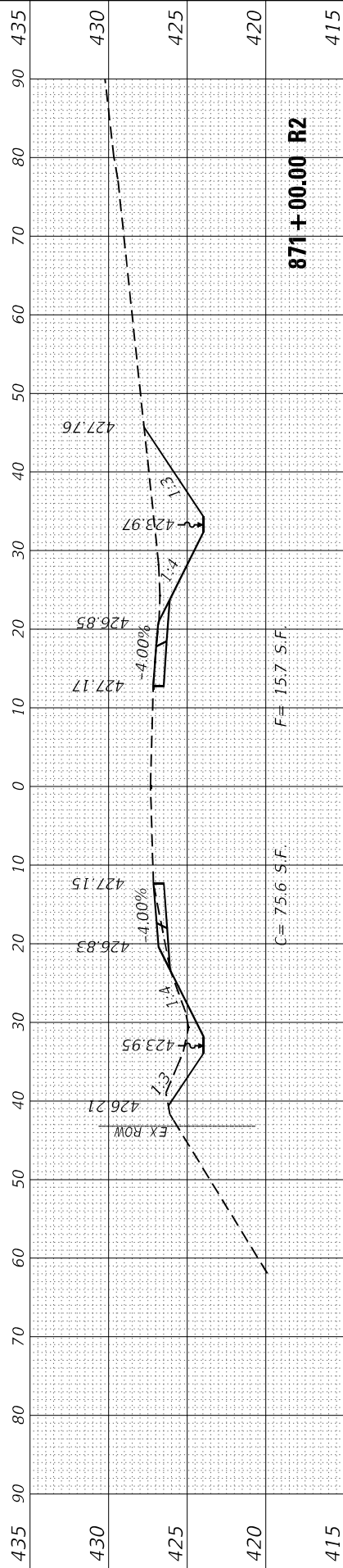
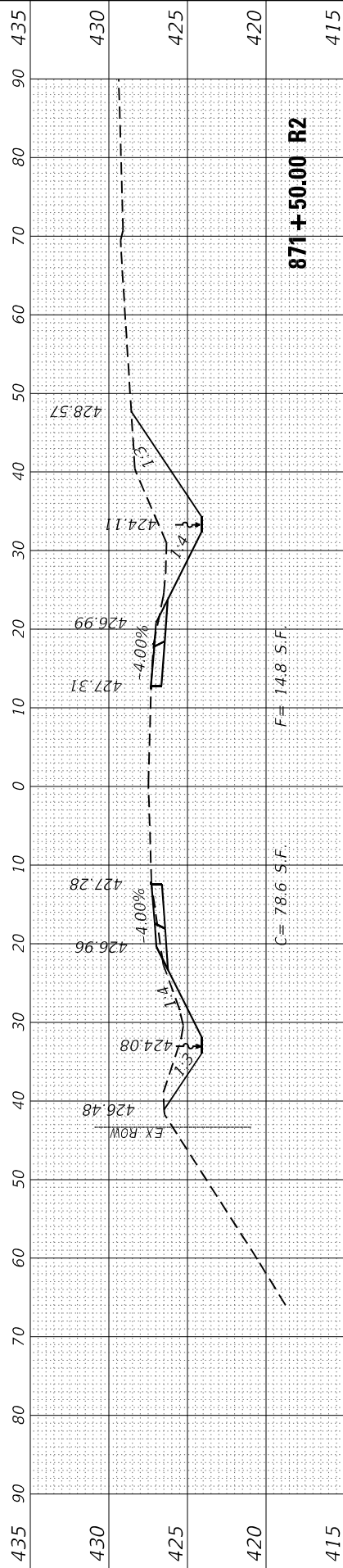
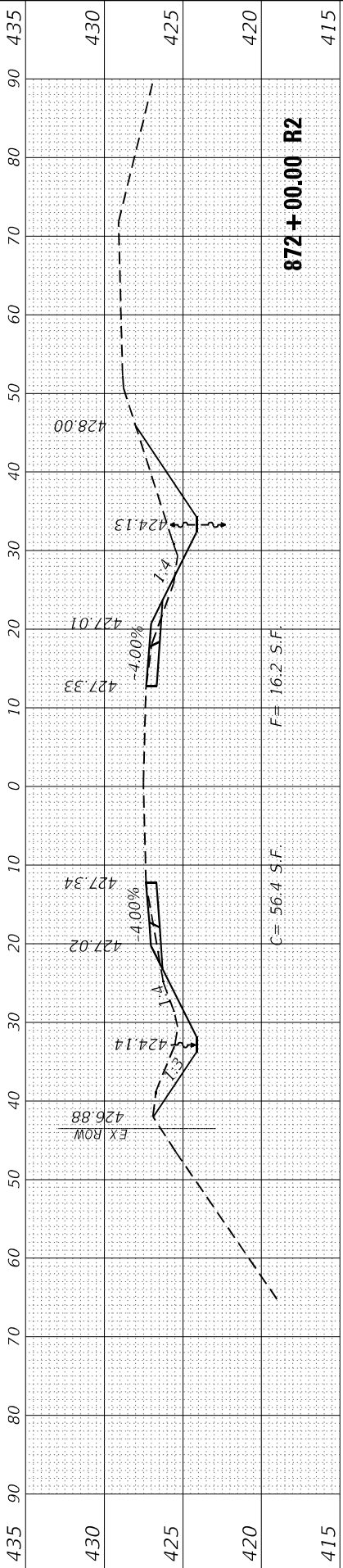
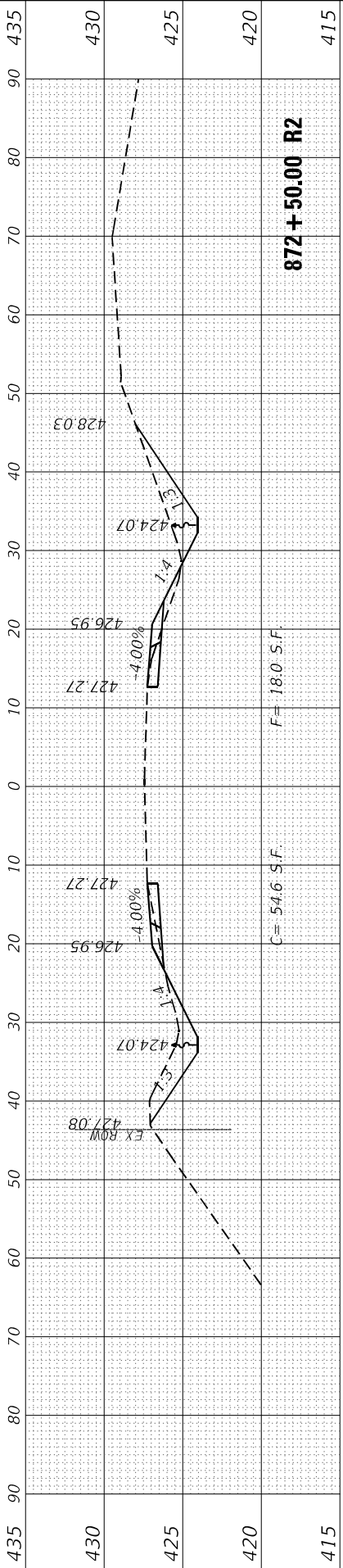
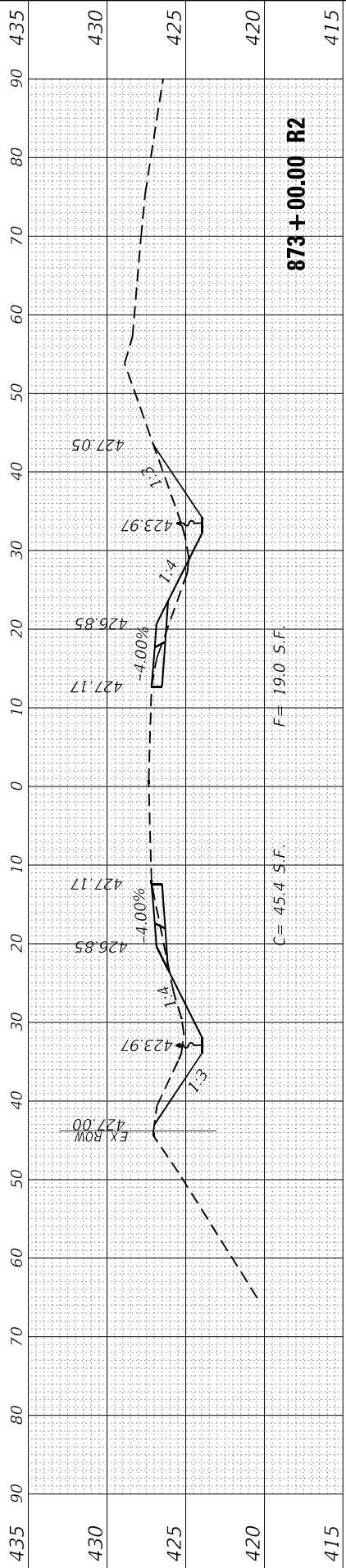
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REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332 CROSS SECTIONS										
SCALE: 5'V : 10'H	SHEET	45	OF	80	SHEETS	STA.	870+50.00	TO	STA.	873+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28.29.100.101-2)SR-1.N-1	*	165	130
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 2/20063_8 US 450GNDDesignFinalCAD Sheets117-117-097878455.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20:0' ** / in.
PLOT DATE = 2/28/2025

DESIGNED - S/J
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
REVISED -
REVISED -
REVISED -

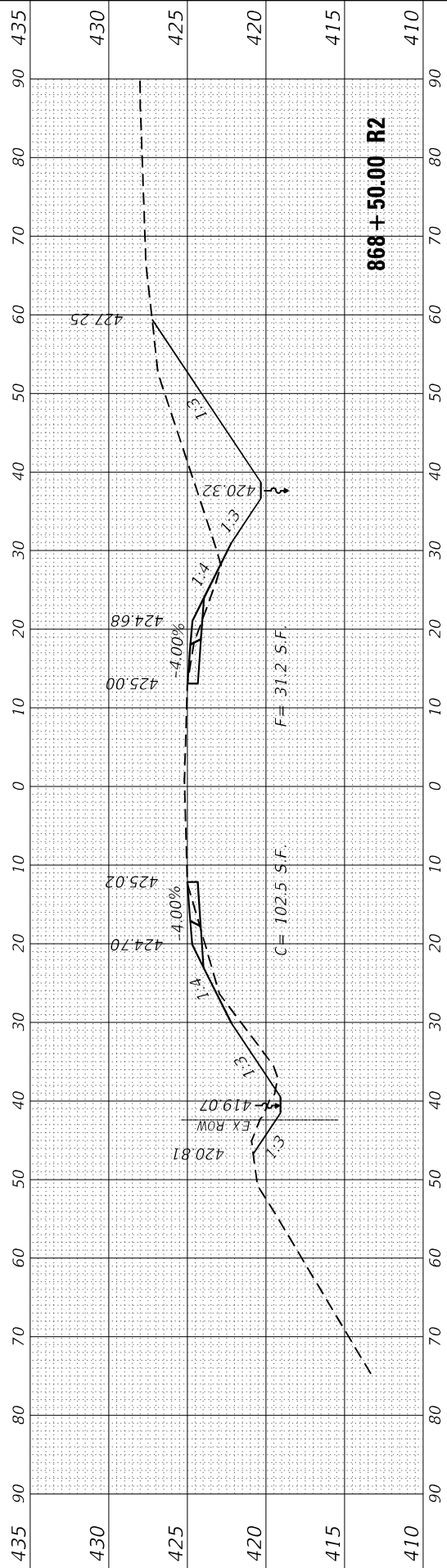
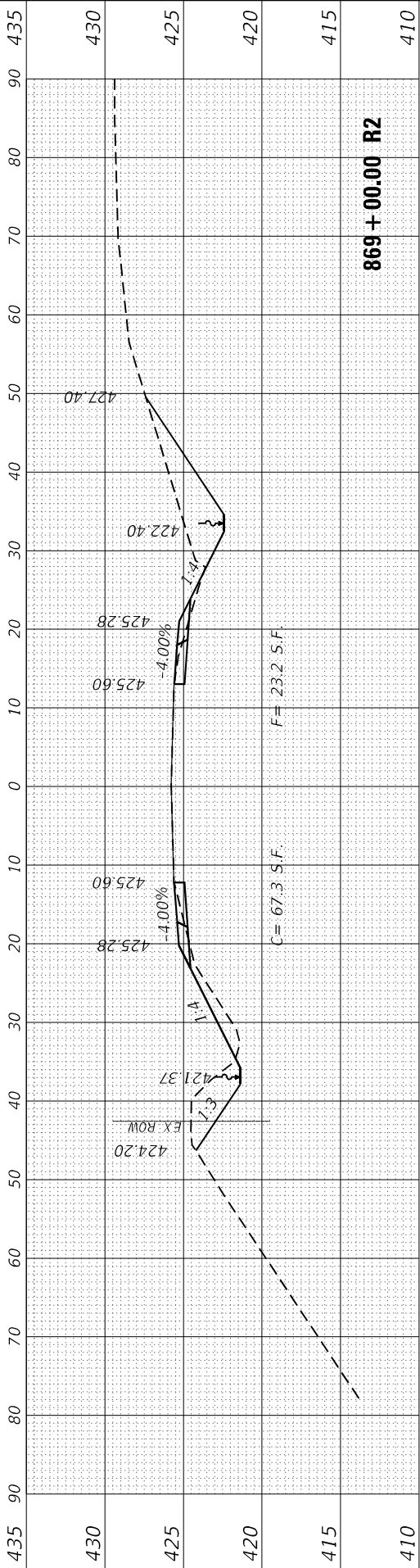
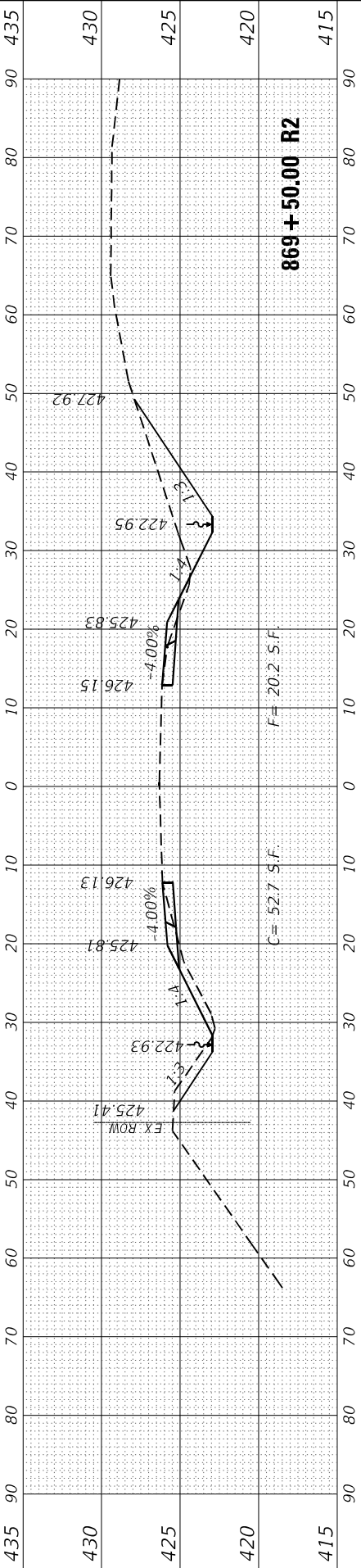
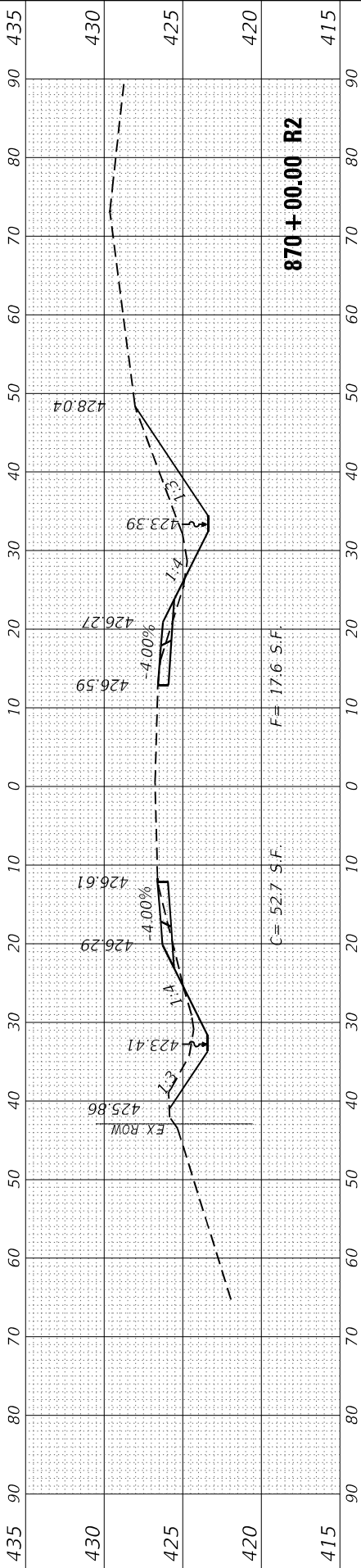
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 46 OF 80 SHEETS	STA. 868+50.00 TO STA. 870+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	131
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023, 8 US 450GNDDesignFinalCAD Sheets117-117-1978789-XS.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
PLOT SCALE = 20:0 " = 1" / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

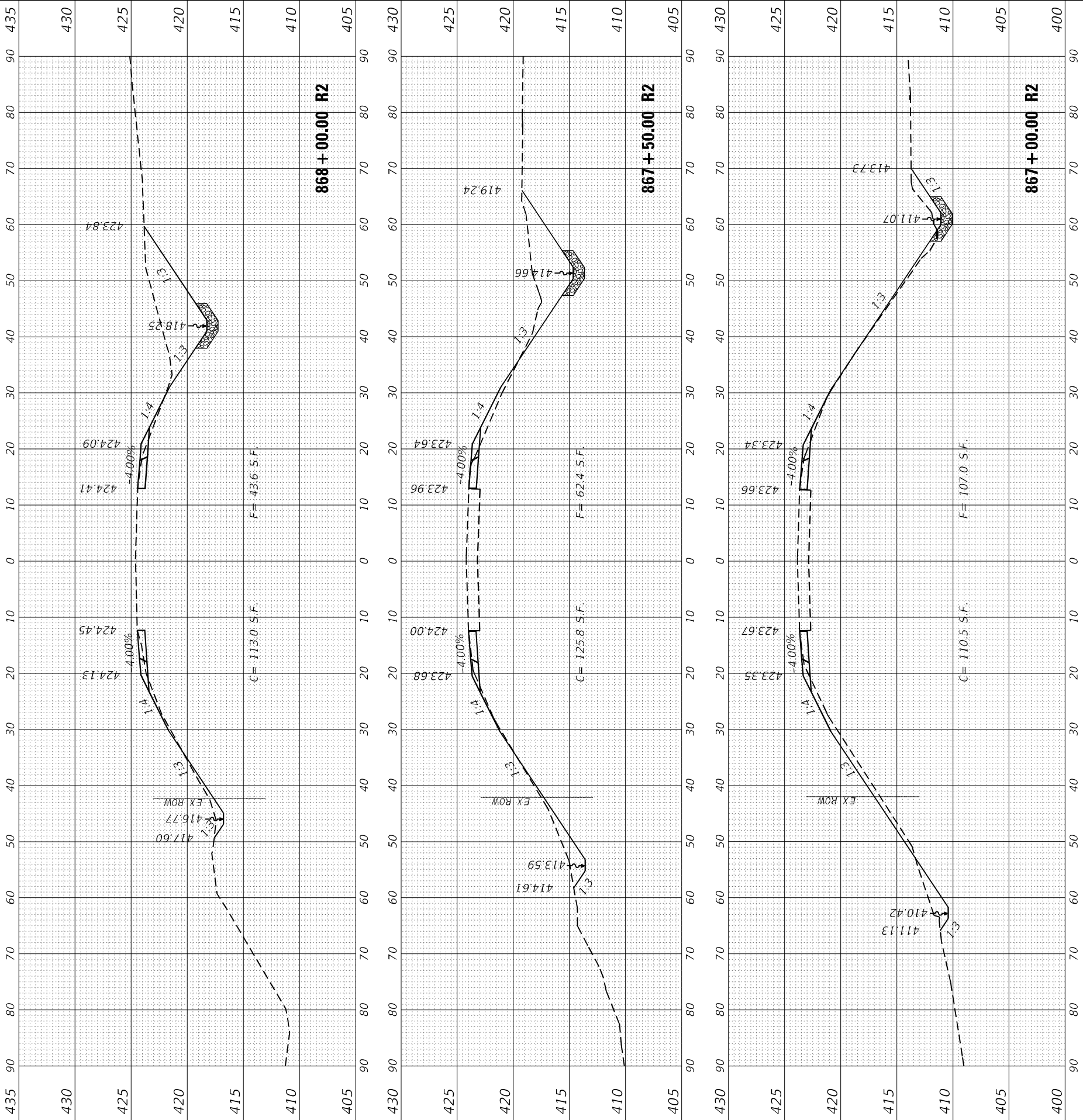
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 47 OF 80 SHEETS STA. 867+00.00 TO STA. 868+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	132
** 332 / 877		CONTRACT NO. 78789		
	ILLINOIS	FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
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USER NAME = ZWaters	DESIGNED - SJF
	DRAWN - ZJW
PLOT SCALE = 20:0' = 1" / in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

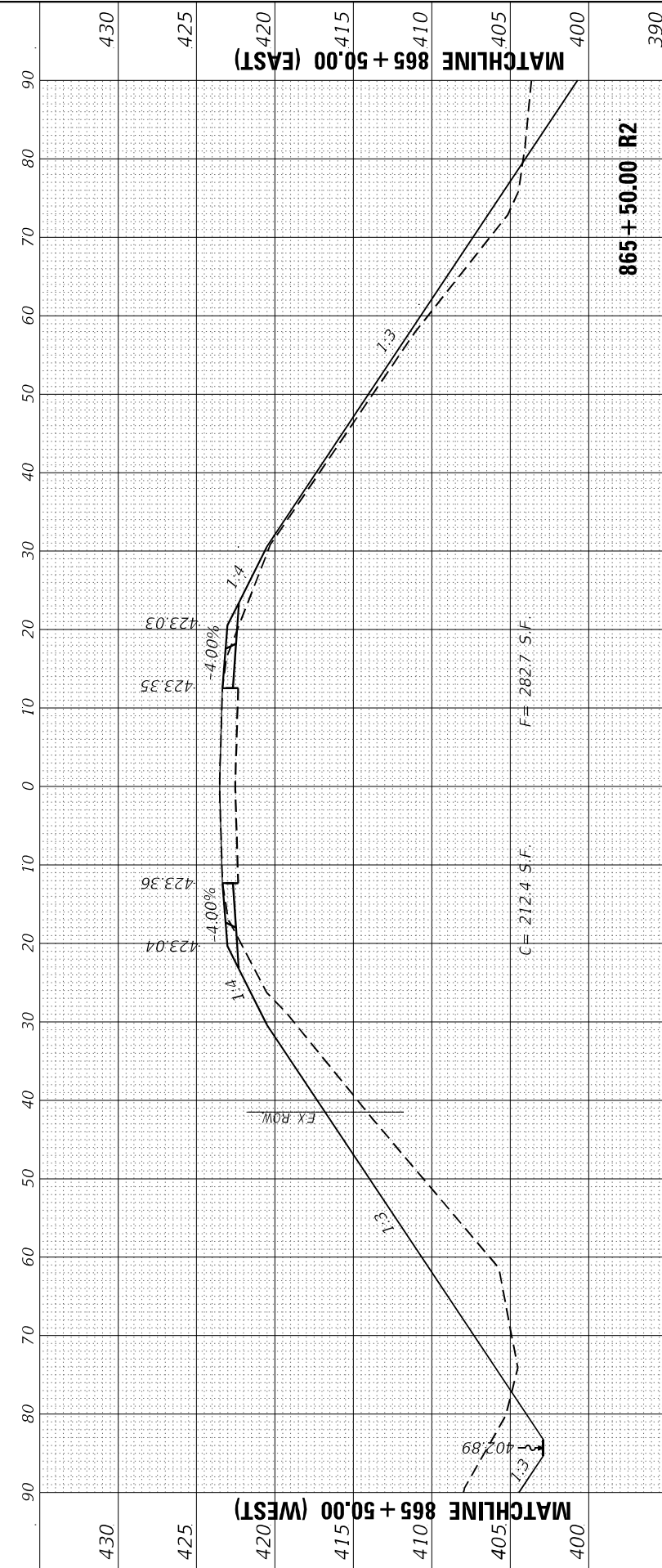
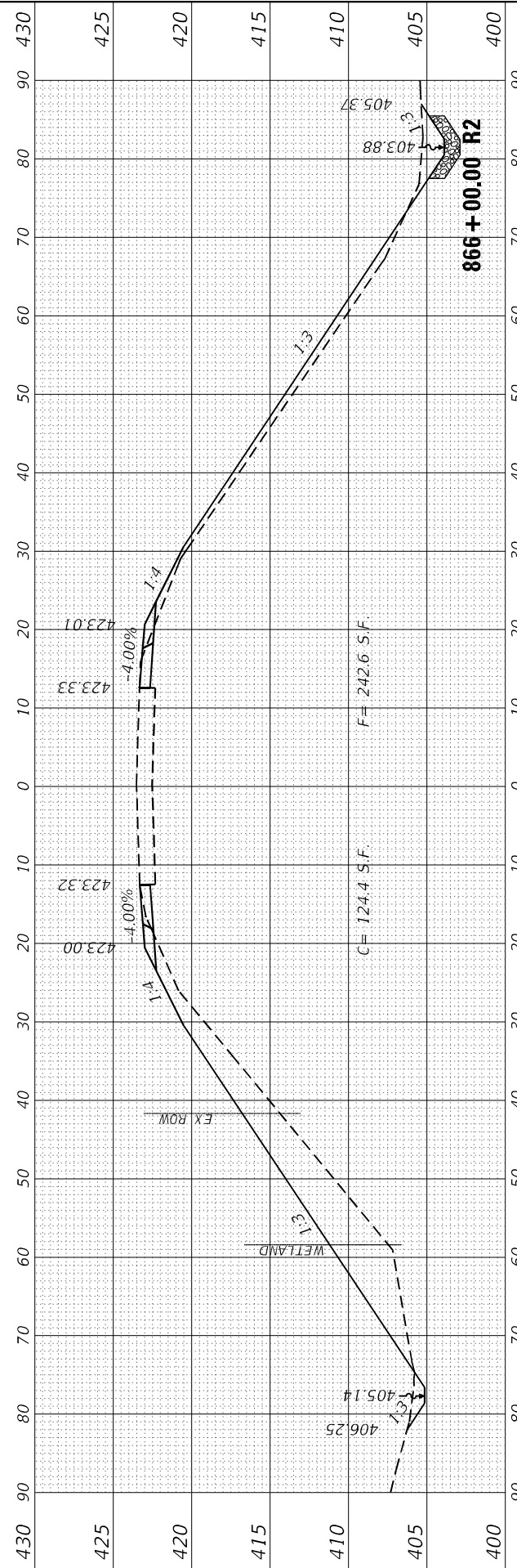
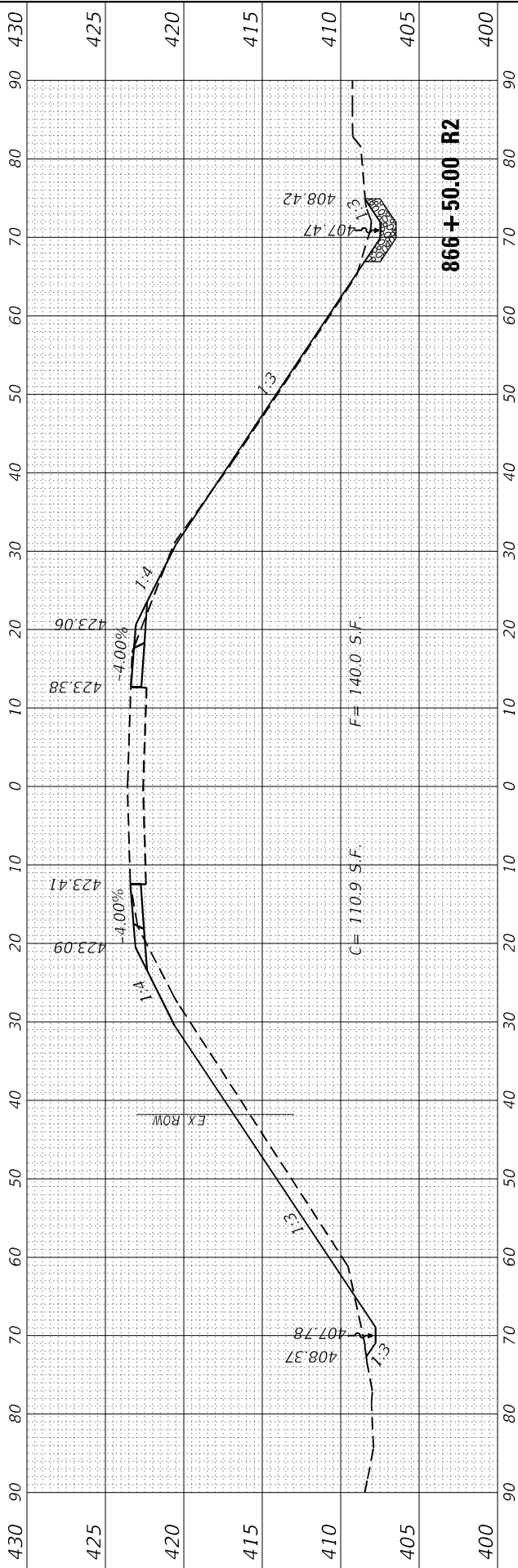
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10'H	SHEET 48 OF 80 SHEETS	STA. 865+50.00 TO STA. 866+50.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	133
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: South Model Total Xsec Sheets
FILE NAME: 230003_18 US 453000DesignFinalCAO Sheets117-117-197878453.sgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters
PLOT SCALE = 20:0' "*/ in.
PLOT DATE = 2/28/2025

DESIGNED - SJF
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
REVISED -
REVISED -
REVISED -

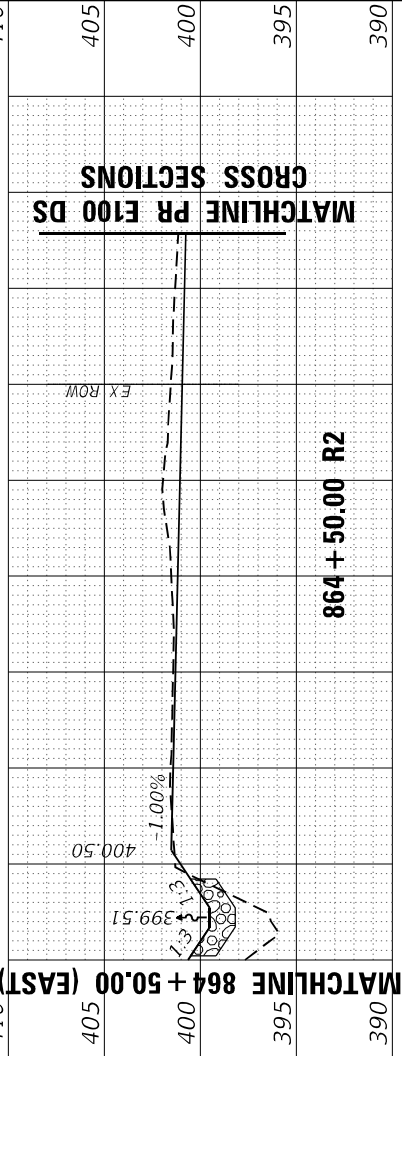
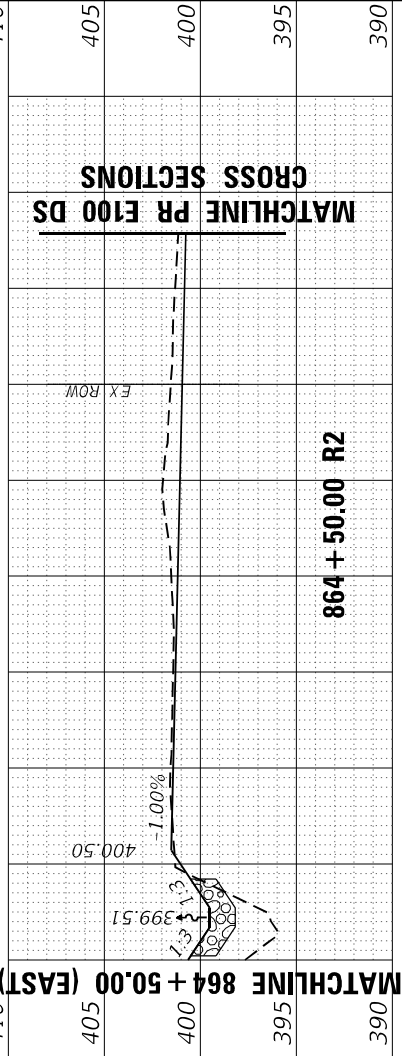
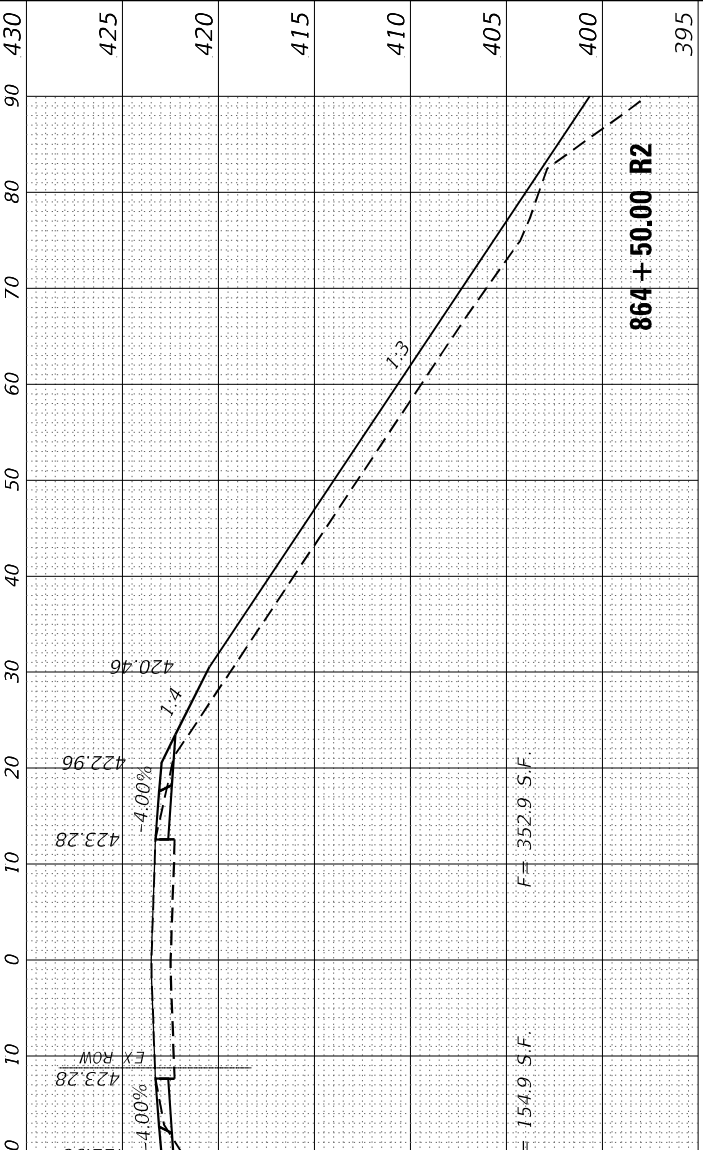
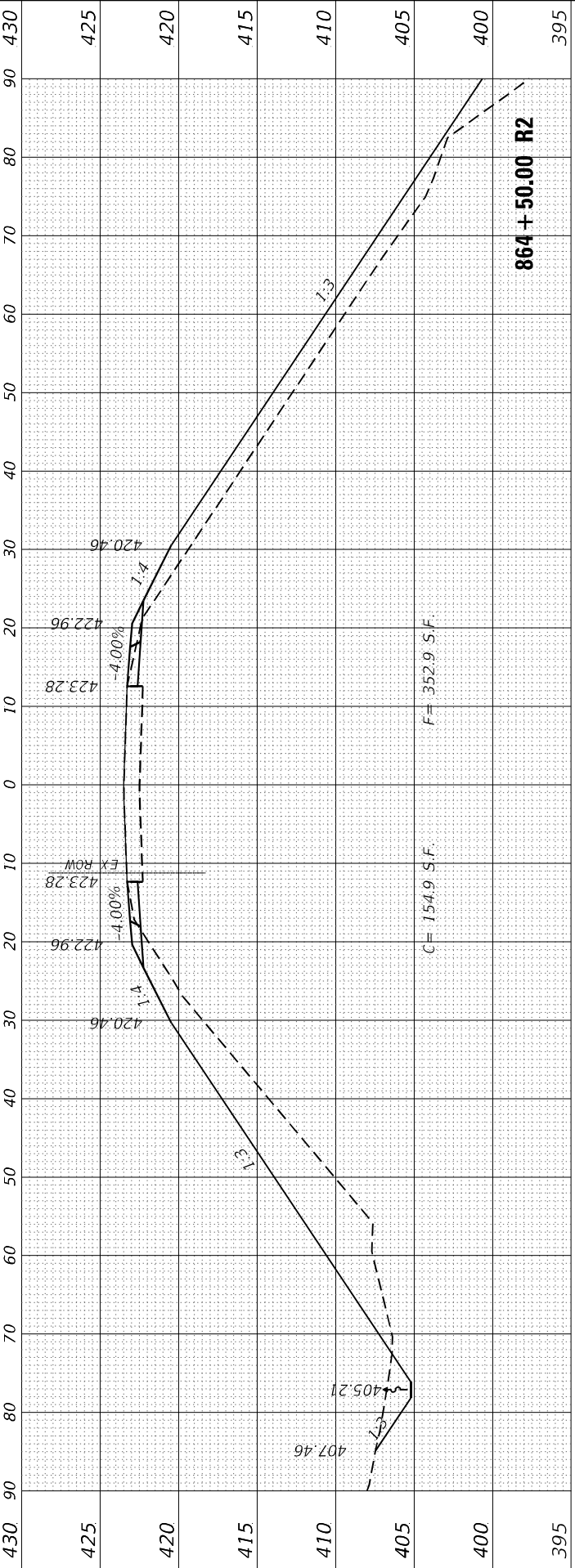
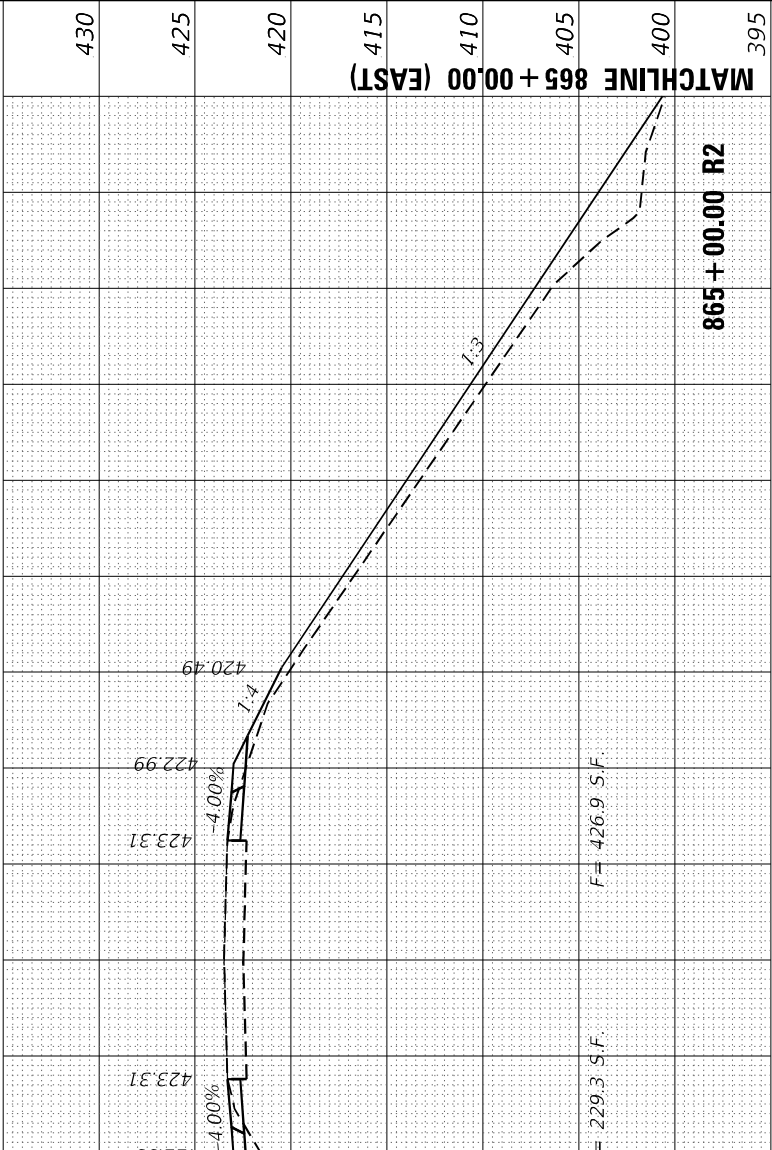
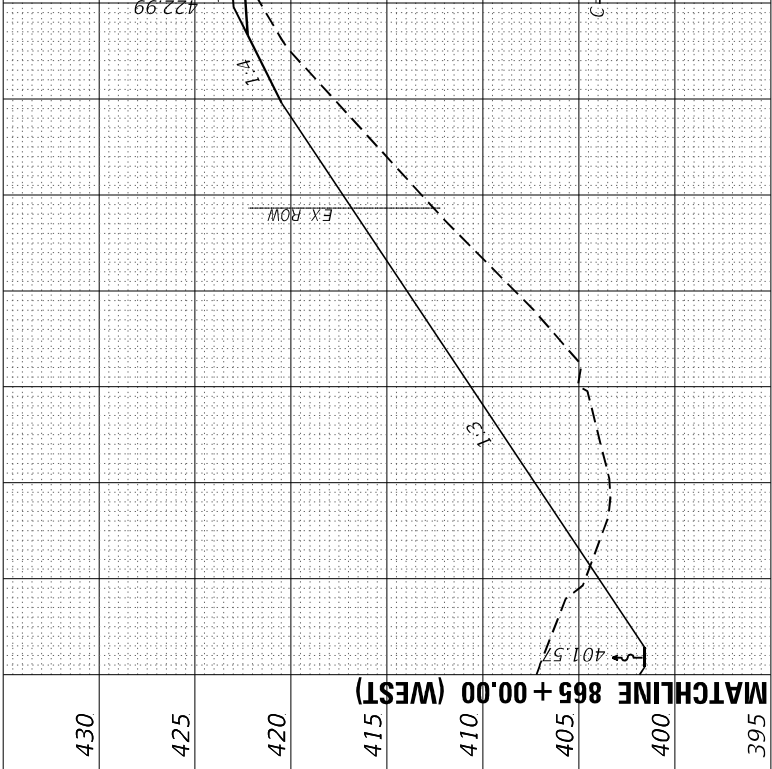
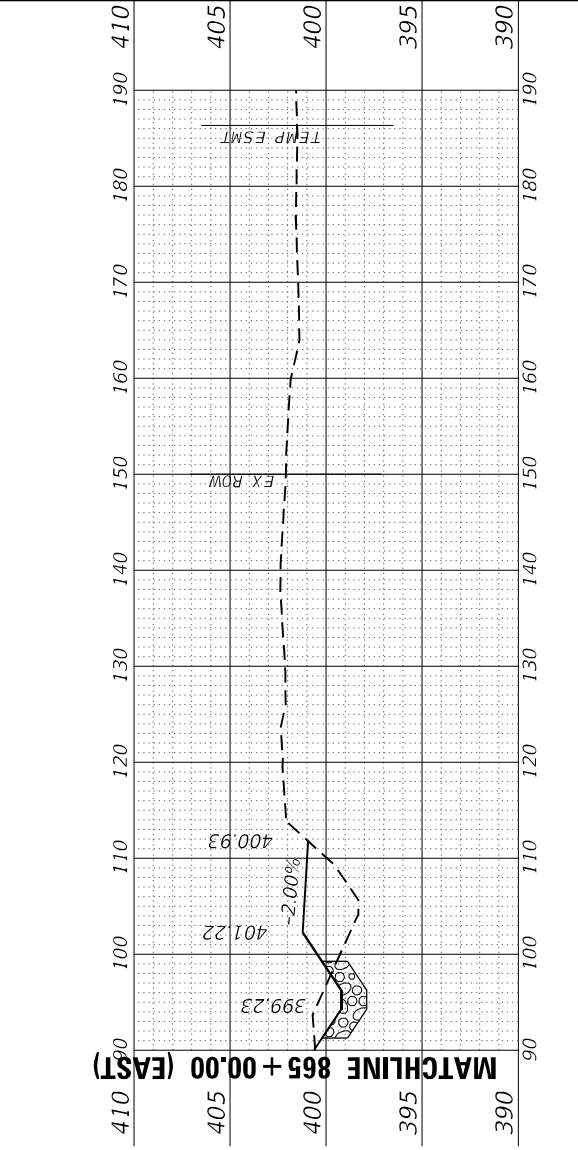
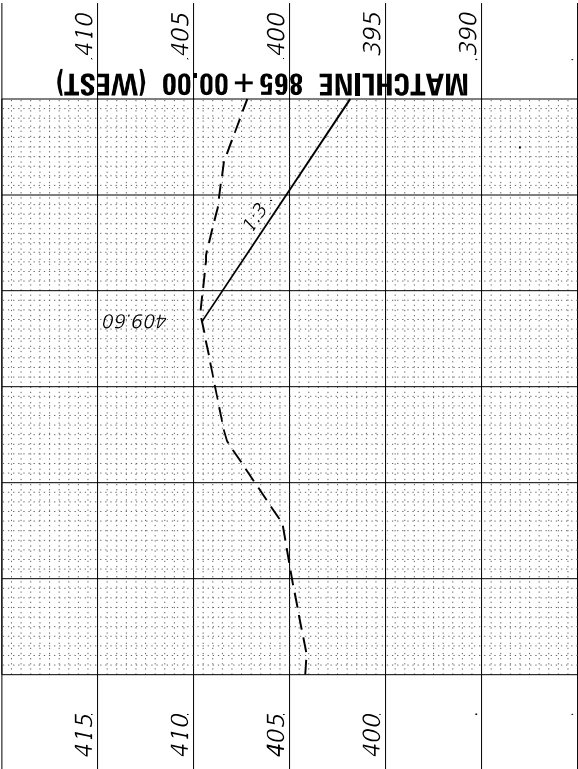
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10'H	SHEET 49 OF 80 SHEETS	STA. 864+50.00 TO STA. 865+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	134
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

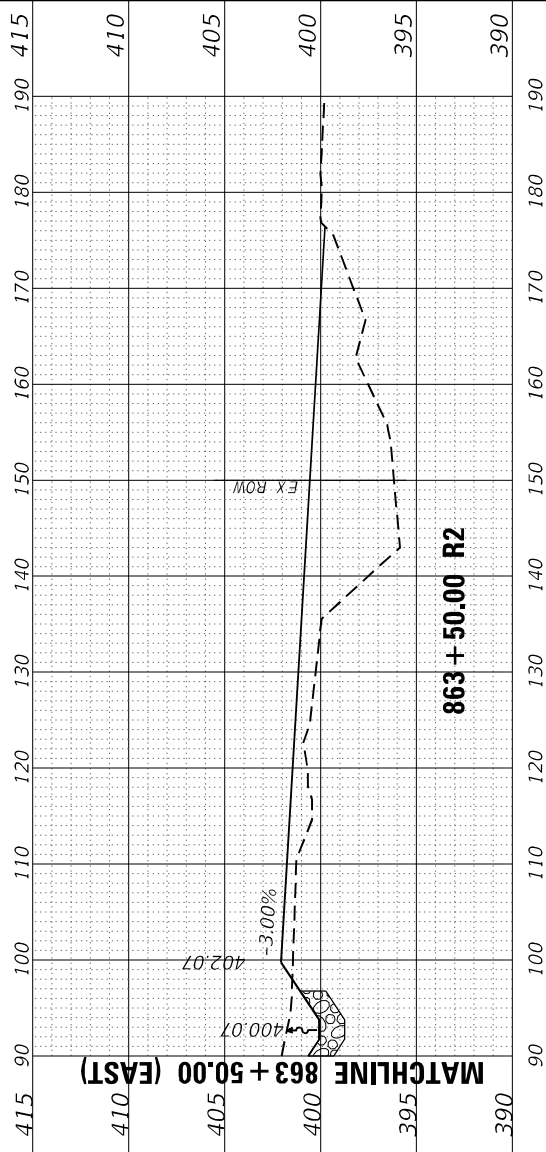
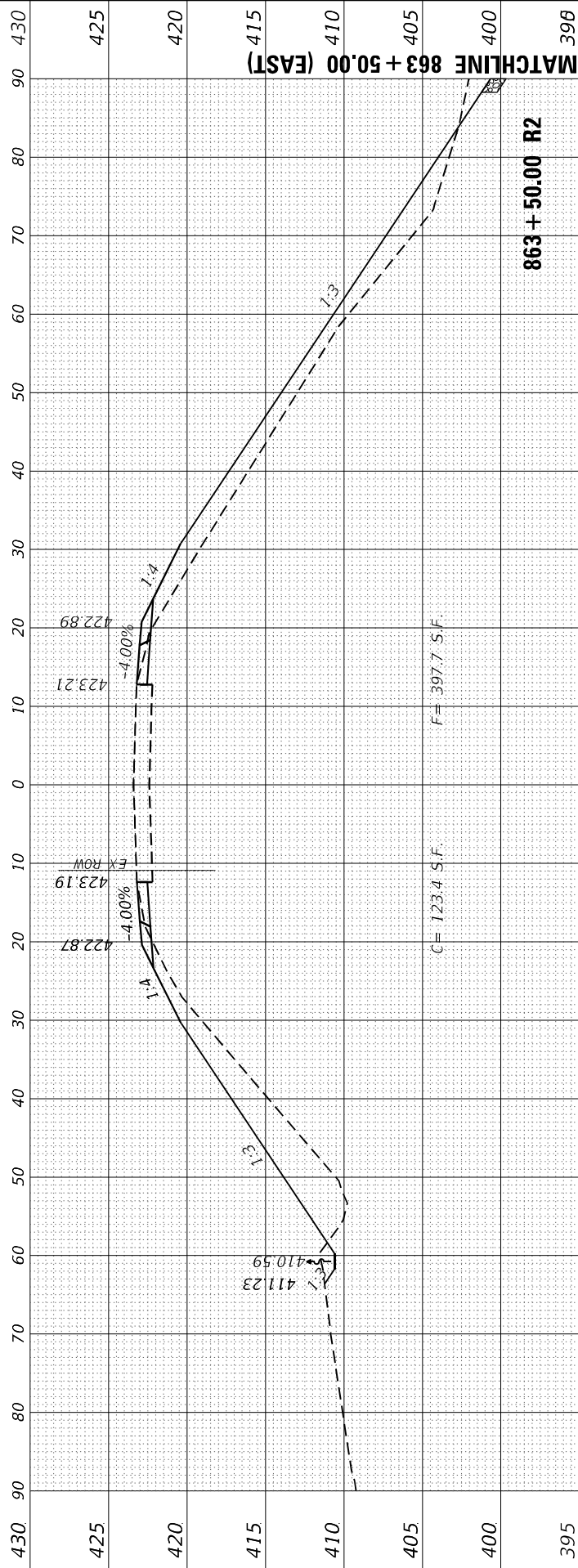
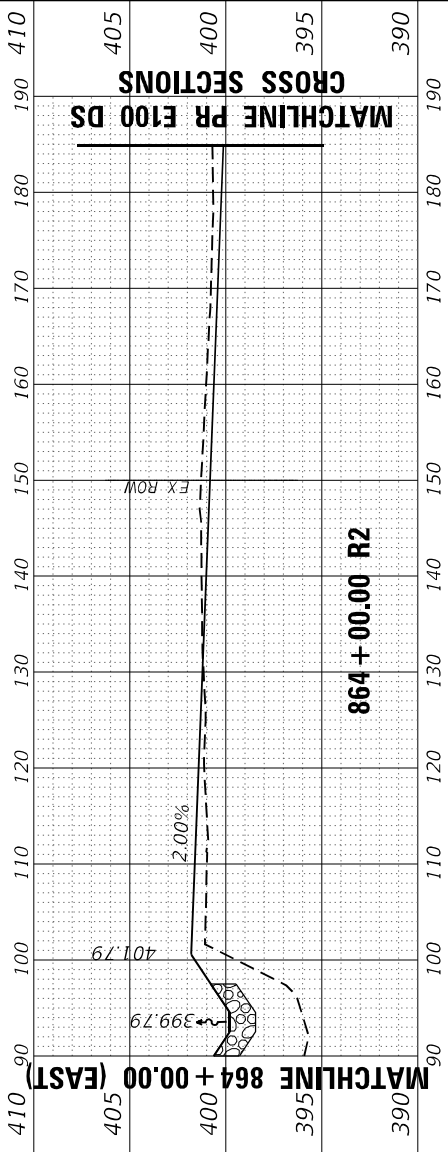
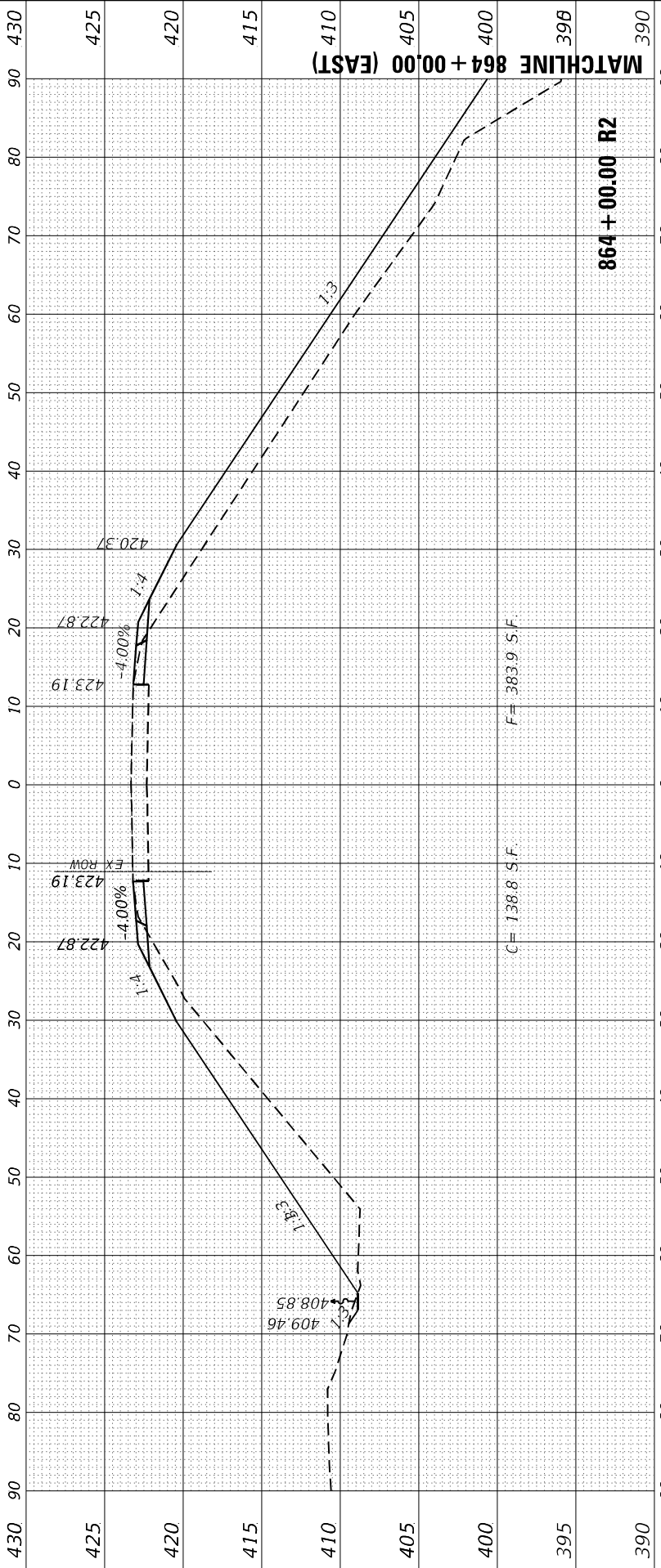
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 50 OF 80 SHEETS STA. 863+50.00 TO STA. 864+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	135
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

MODEL: South Model Total Xsec Sheets
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EFK•Moen
Civil Engineering Design

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PLOT SCALE = 20:0' ** / in.
PLOT DATE = 2/28/2025

DESIGNED - SJF
DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
REVISED -
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REVISED -

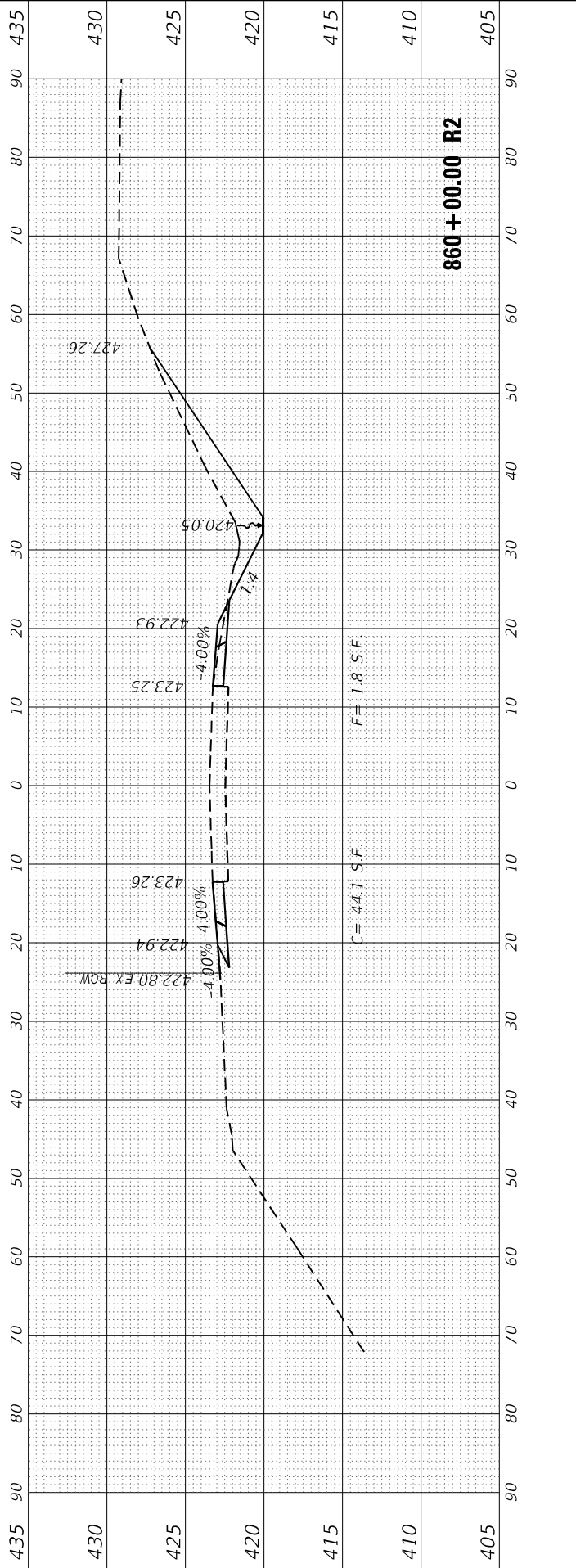
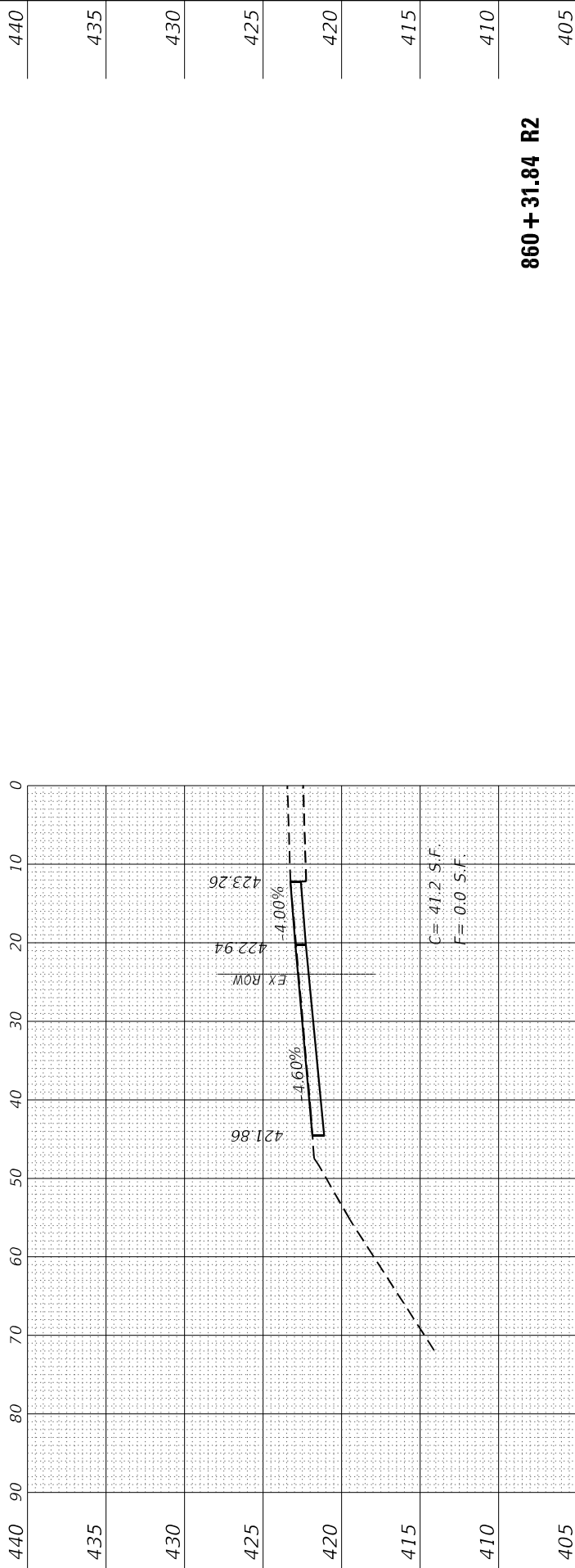
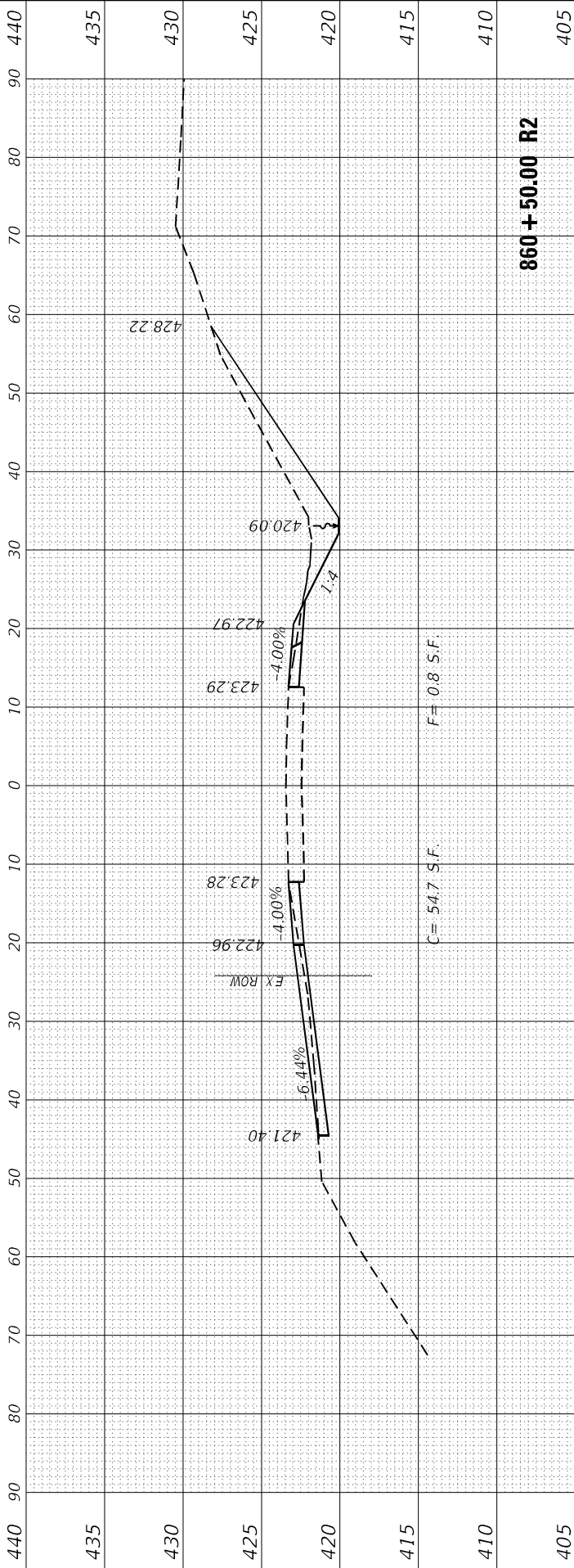
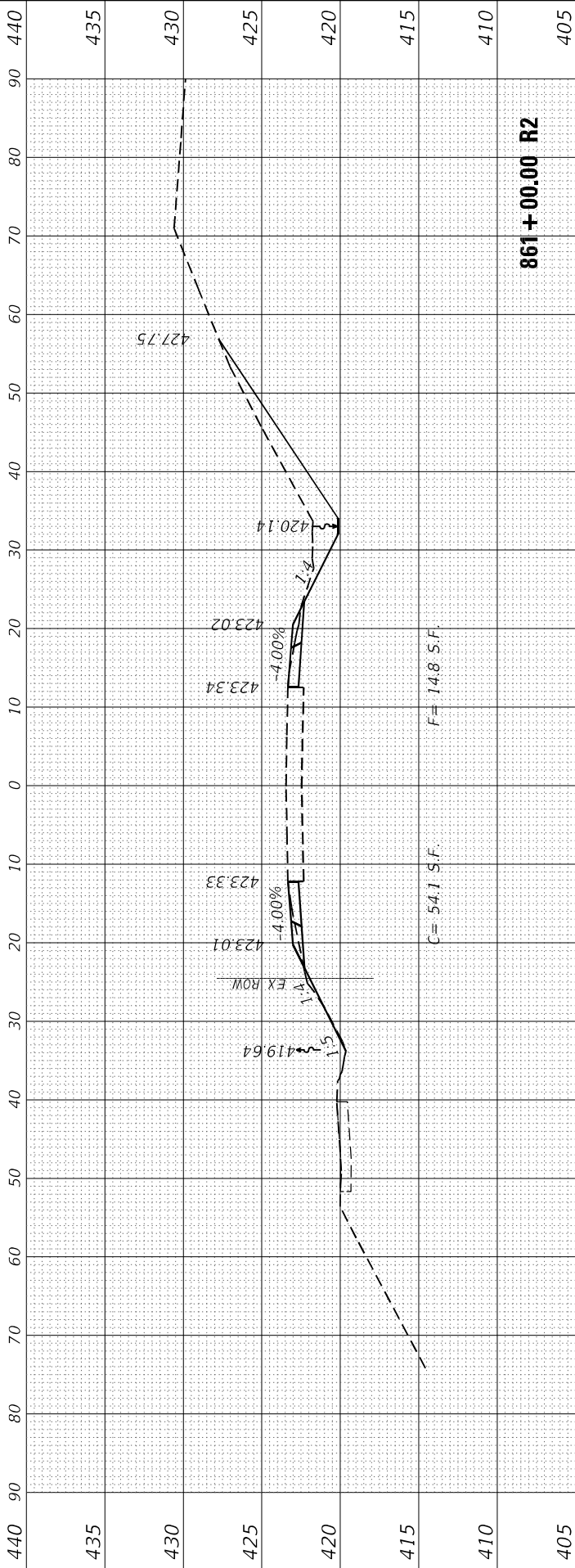
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H	SHEET 52 OF 80 SHEETS	STA. 860+00.00 TO STA. 861+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	137
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 230063_8 US 450GNDDesignFinalCAD Sheets117-117-0978789-XS.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - S/JF	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

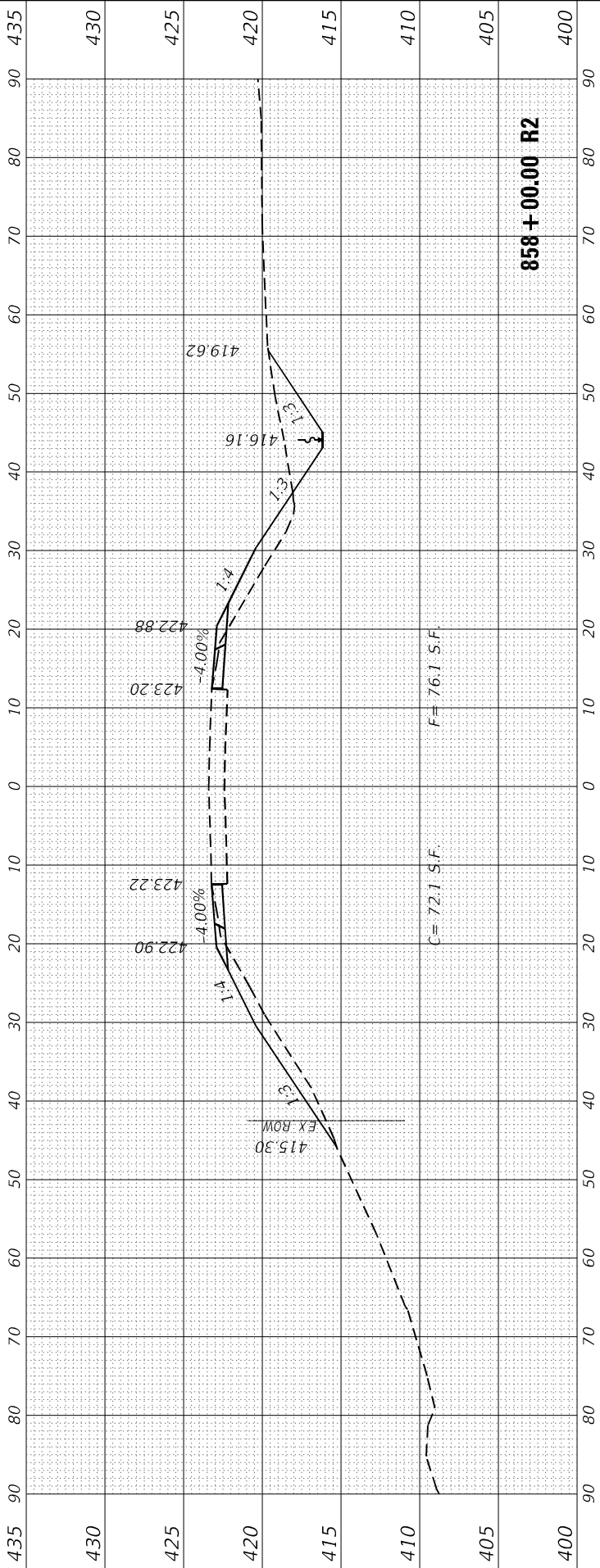
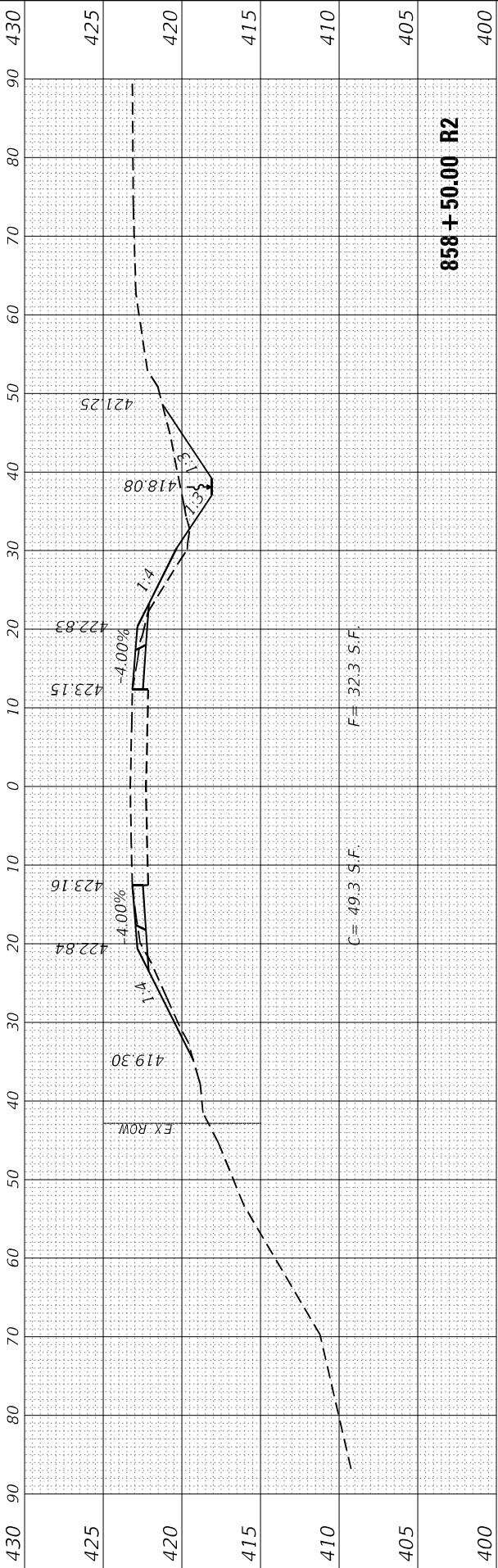
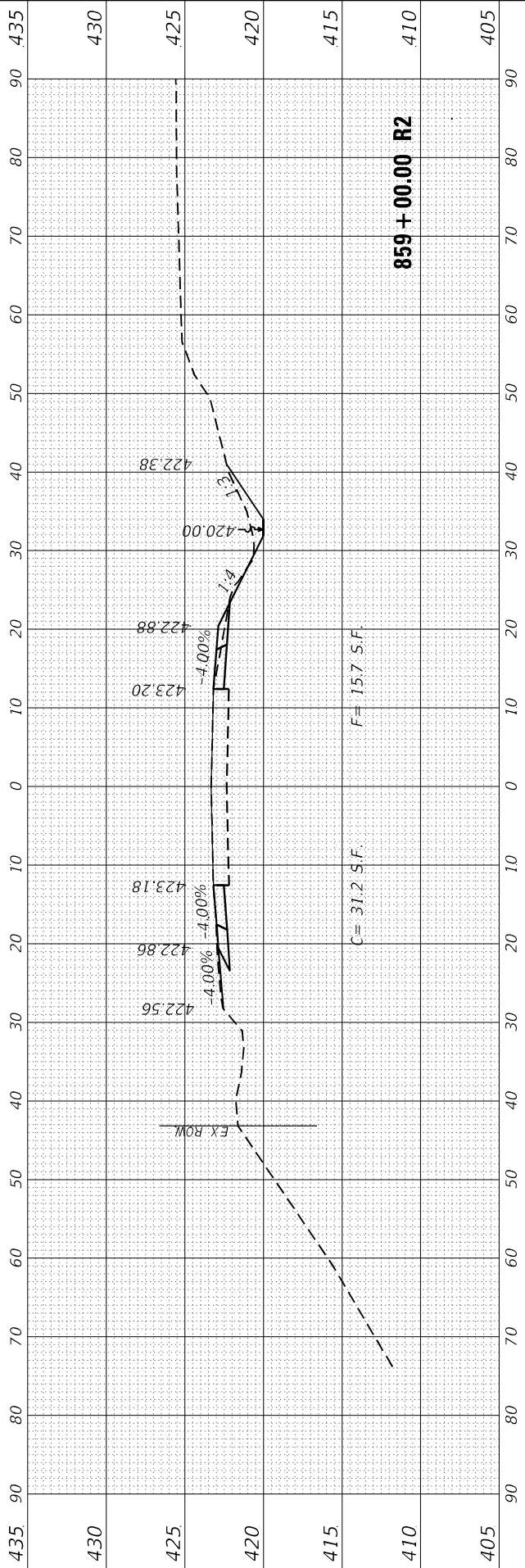
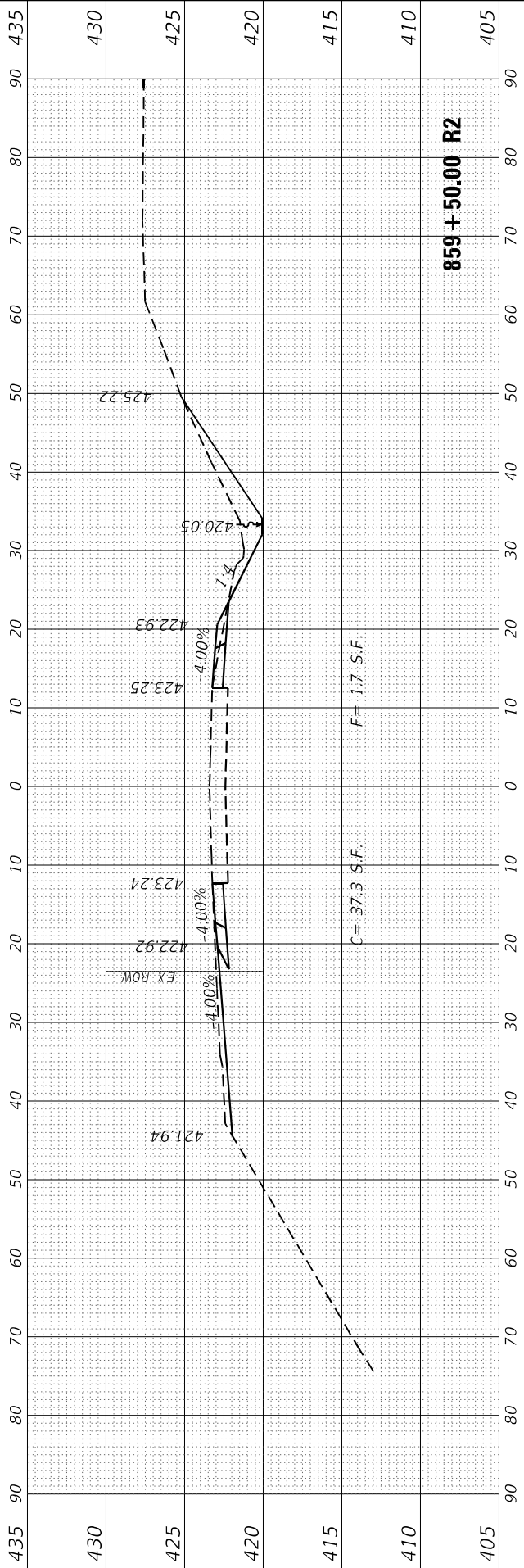
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 53 OF 80 SHEETS STA. 858+00.00 TO STA. 859+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	138
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

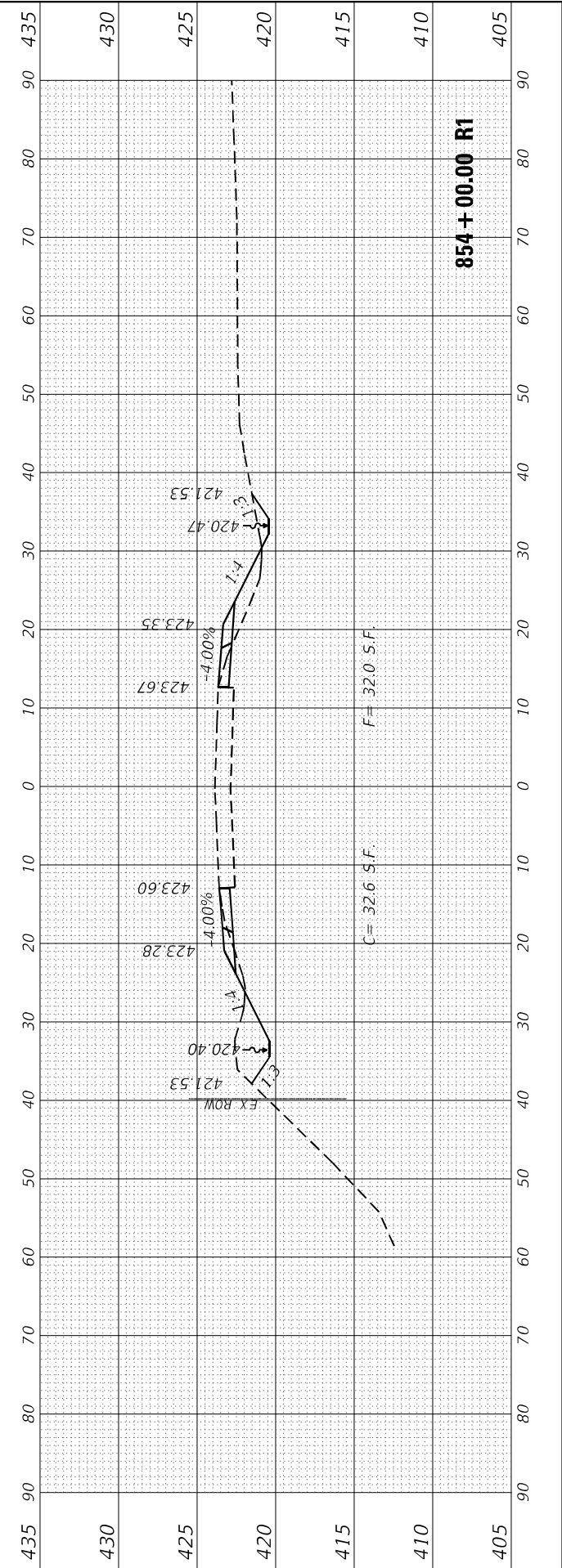
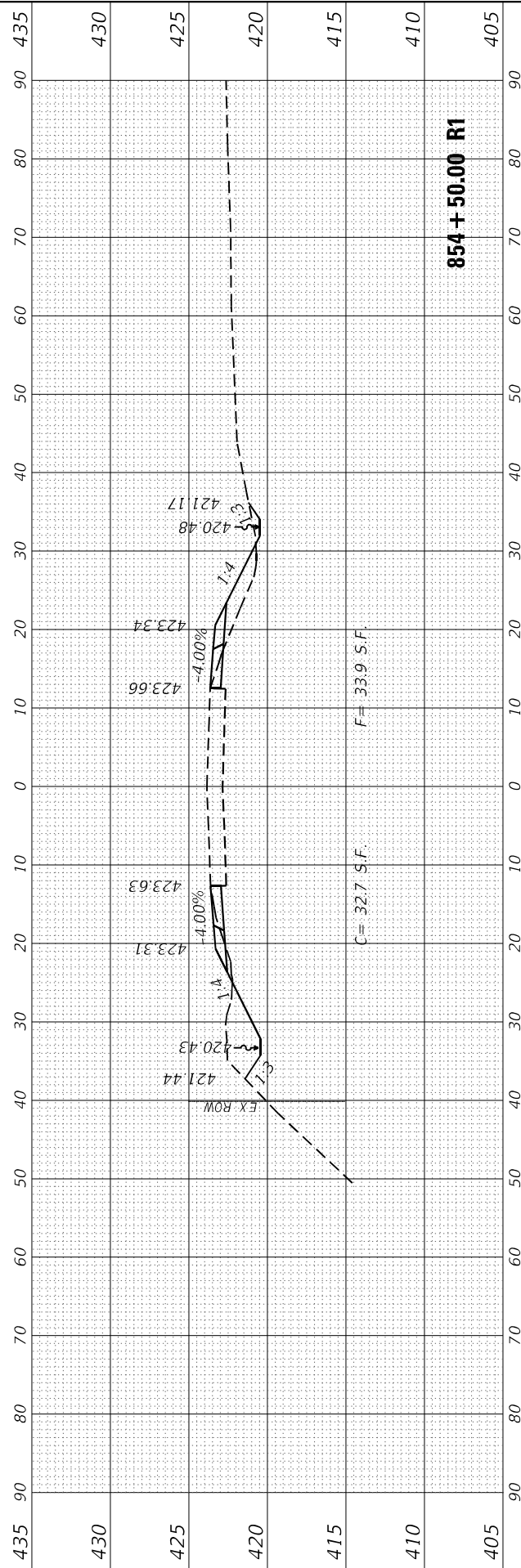
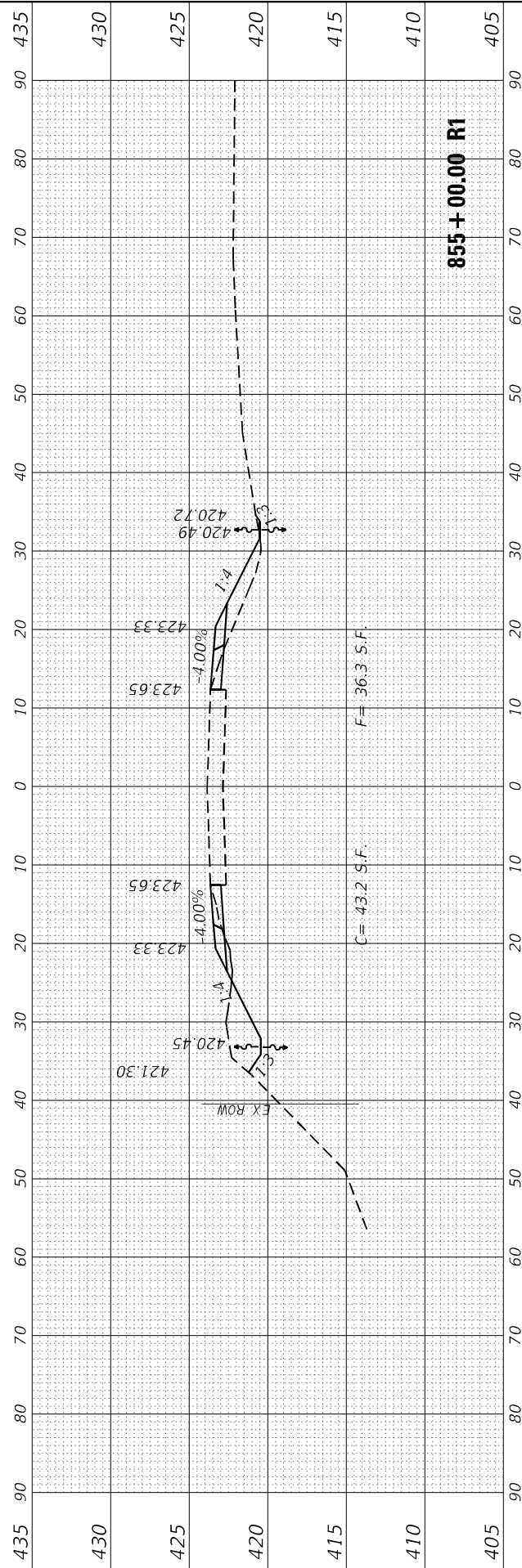
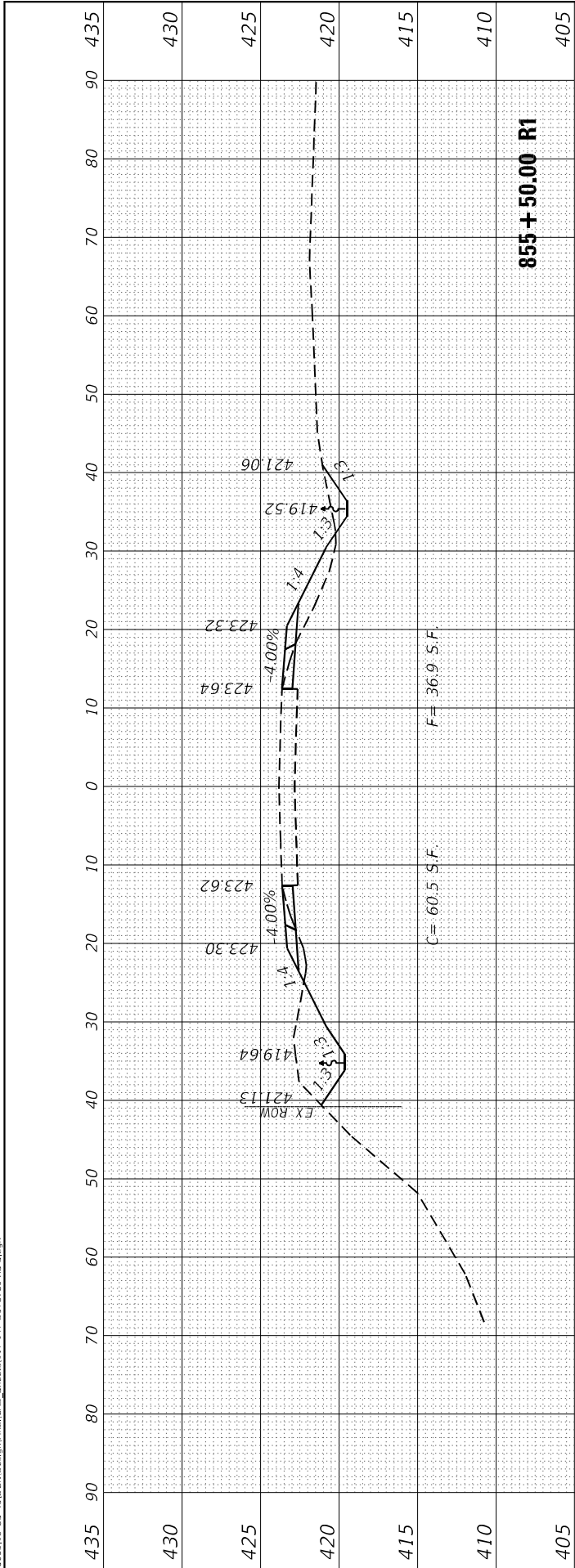
* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45IDGN\Design\Final\CAD_Sheets\117-147-D978789-XS-S.dgn



EFK♦Moen
Civil Engineering Design

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	DRAWN - ZJW
PLOT SCALE = 20:0 ' = 1 in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 55 OF 80 SHEETS	STA. 854+00.00 TO STA. 855+50.00
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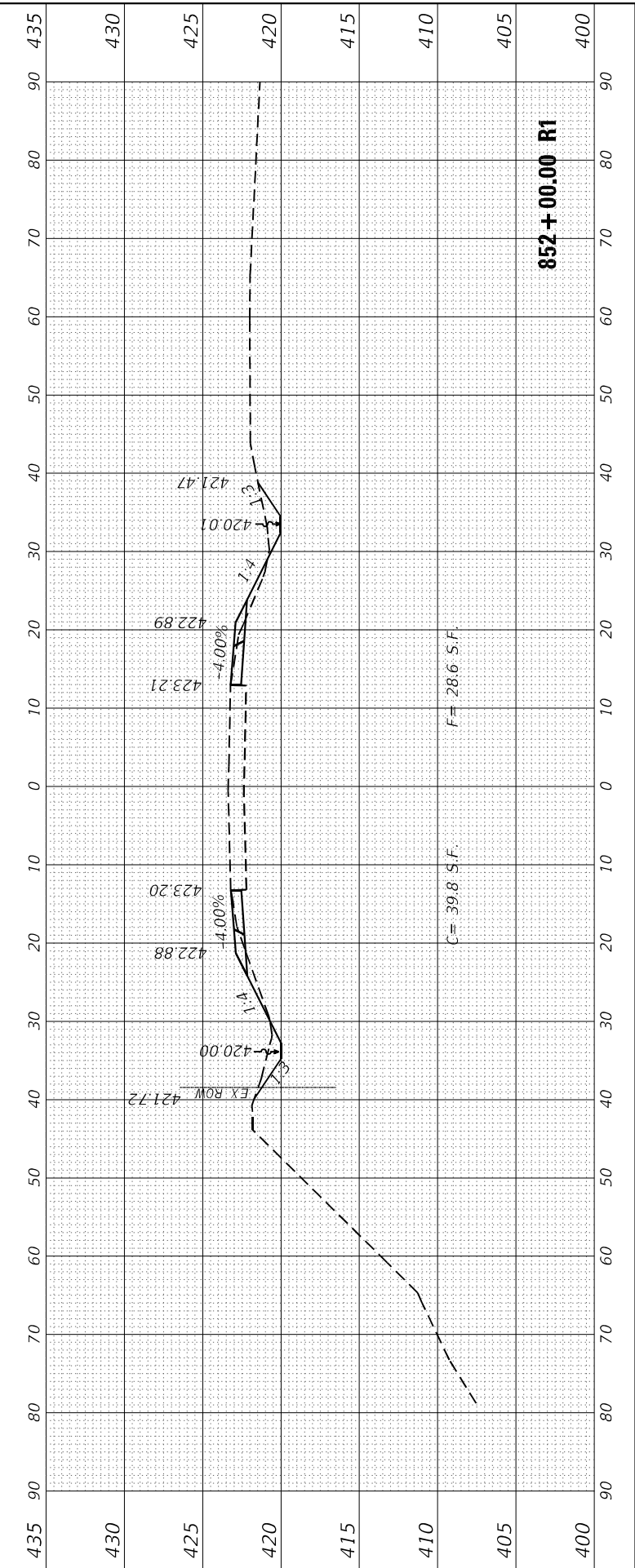
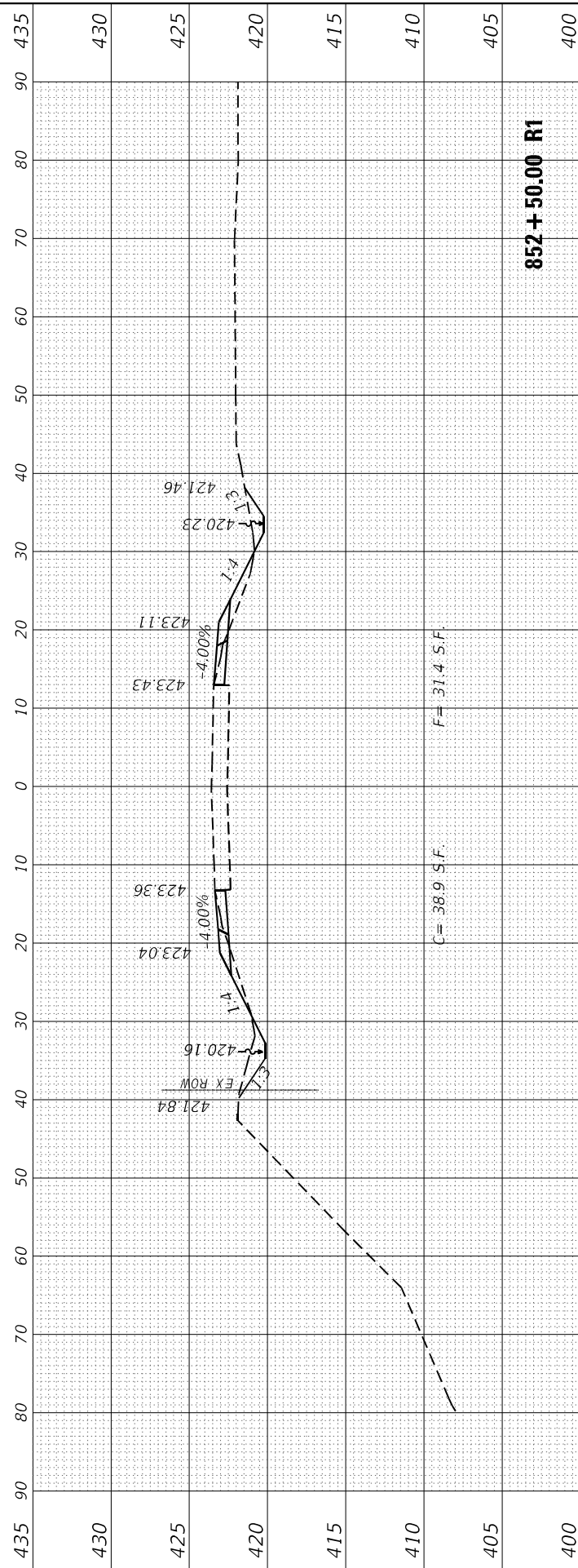
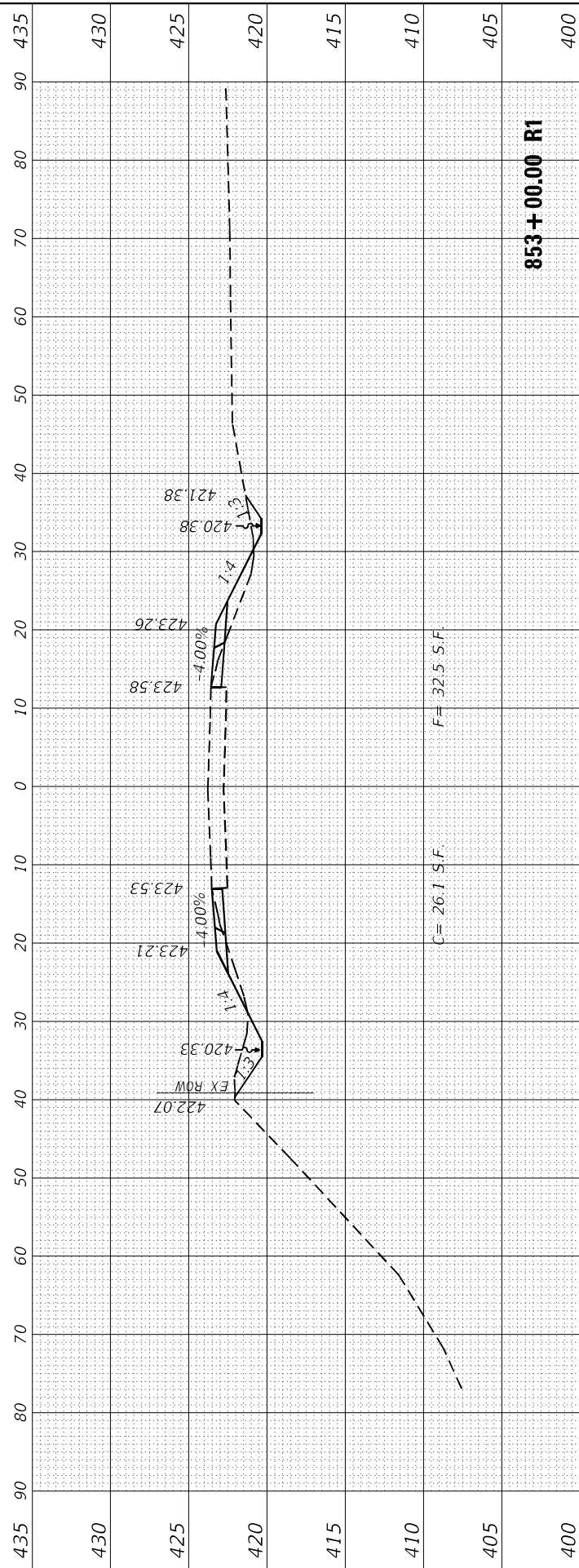
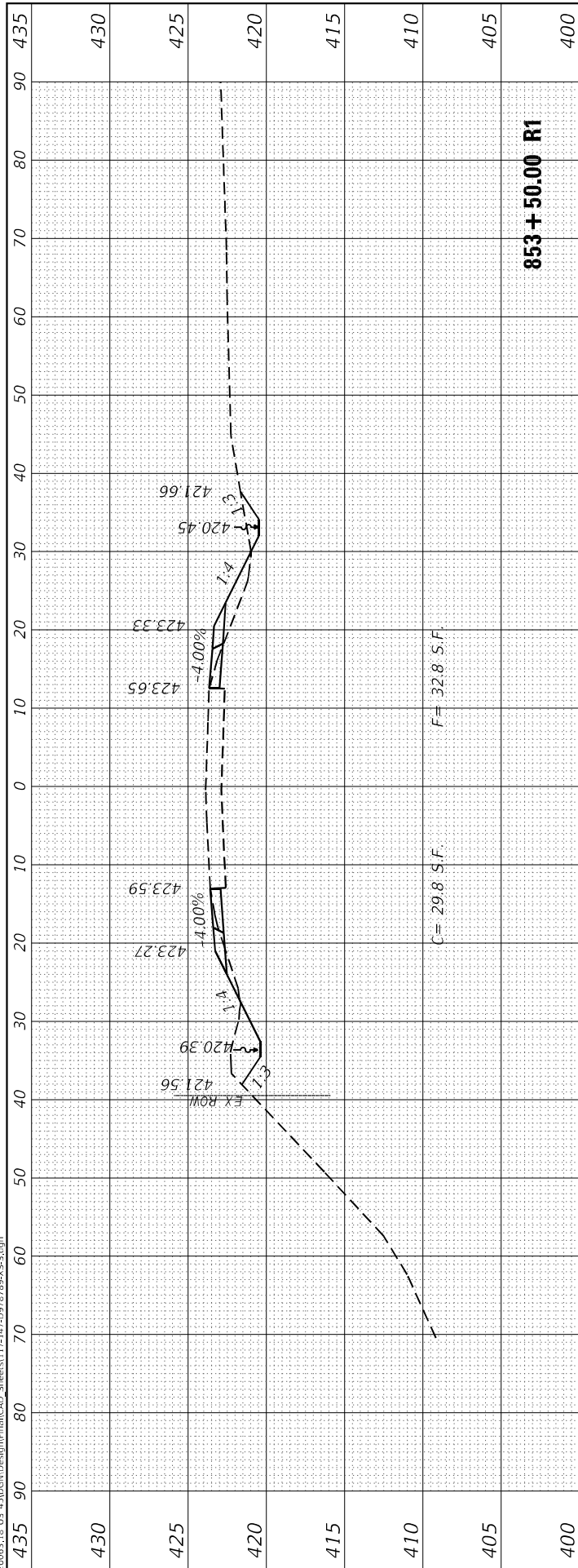
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	140
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

MODEL: South Model Total XSec Sheets
 NO. _____ AREAS CHECKED _____
 FILE NAME: Z:\20063.18 US 45IDGN\Design\Final\CAD Sheets\117-147-D978789-XS-S.dgn



EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
PLOT SCALE = 20:0 " = 1" / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332 CROSS SECTIONS							
SCALE: 5'V : 10'H	SHEET	56	OF	80	SHEETS	STA. 852+00.00	TO STA. 853+50.00

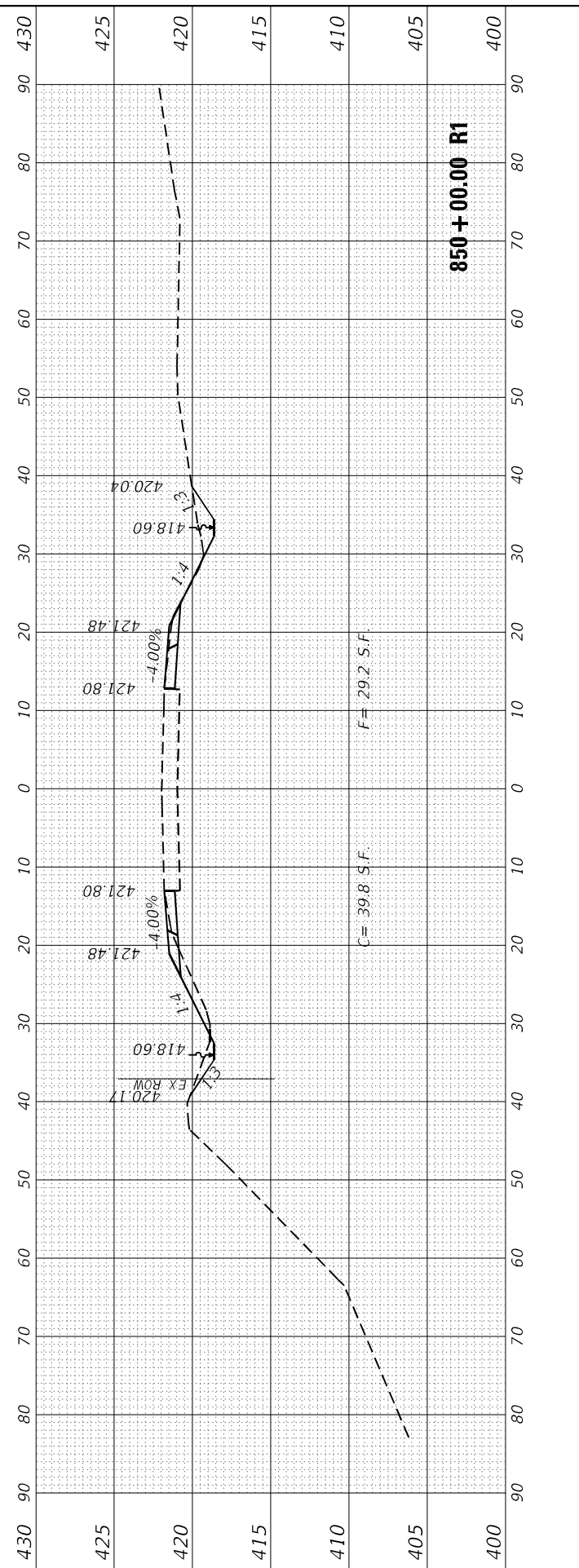
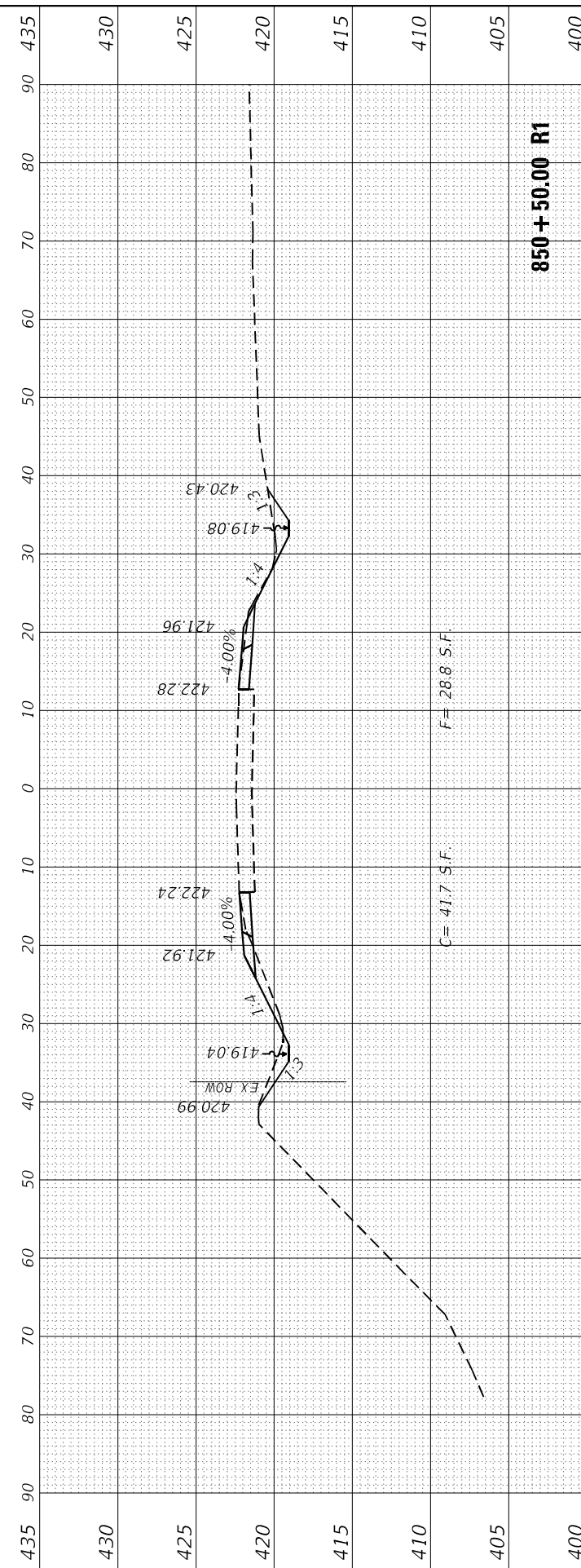
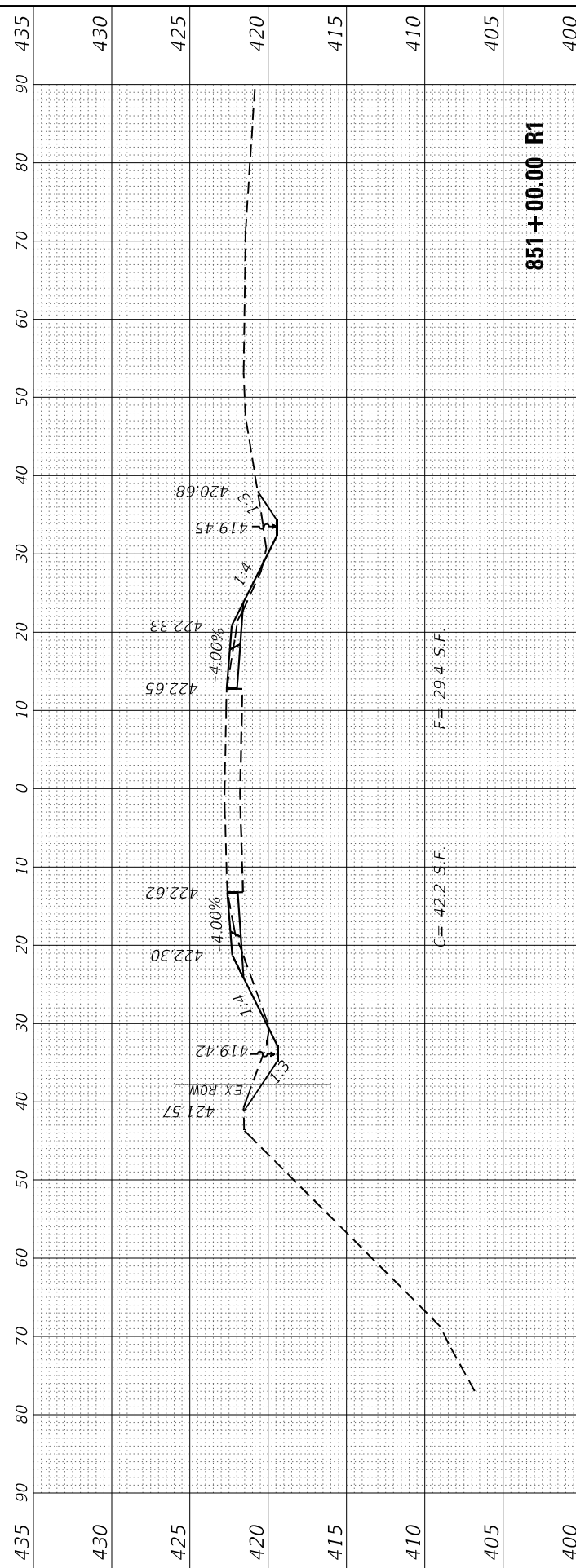
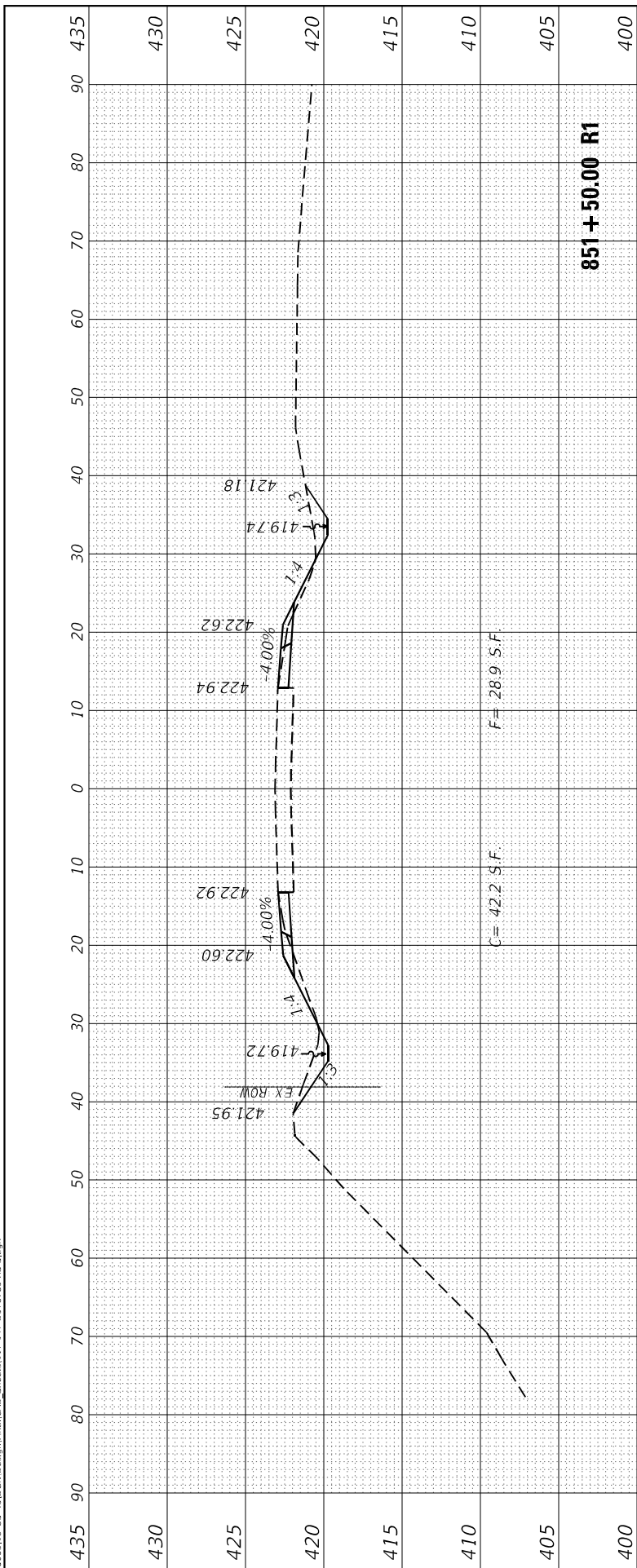
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	141
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45IDGN\Design\Final\CAD Sheets\117-147-D978789-XS-S.dgn



EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF
	DRAWN - ZJW
PLOT SCALE = 20:0 ' = 1 in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332 CROSS SECTIONS				
SCALE: 5"V : 10'H	SHEET	57	OF	80 SHEETS
		STA. 850+00.00 TO STA. 851+50.00		

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	142
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

MODEL: South Model Total XSec Sheets
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USER NAME = ZWaters	DESIGNED - SJF
	DRAWN - ZJW
PLOT SCALE = 20:0 1" = 10'.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

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REVISED	-
REVISED	-
REVISED	-

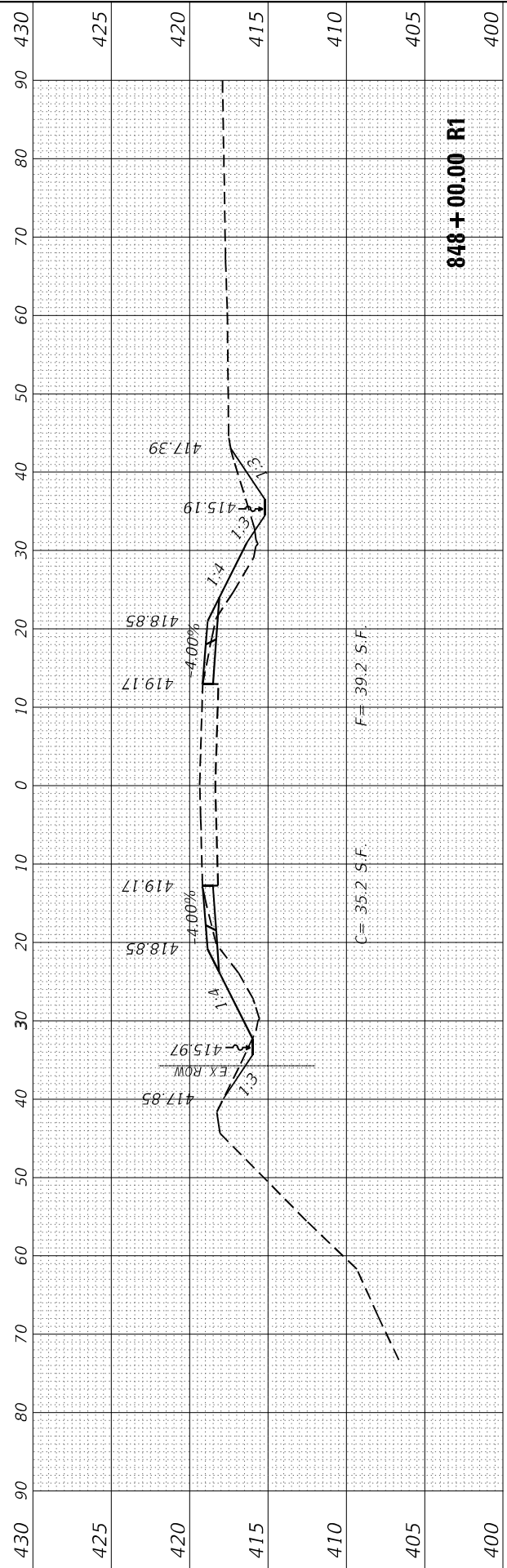
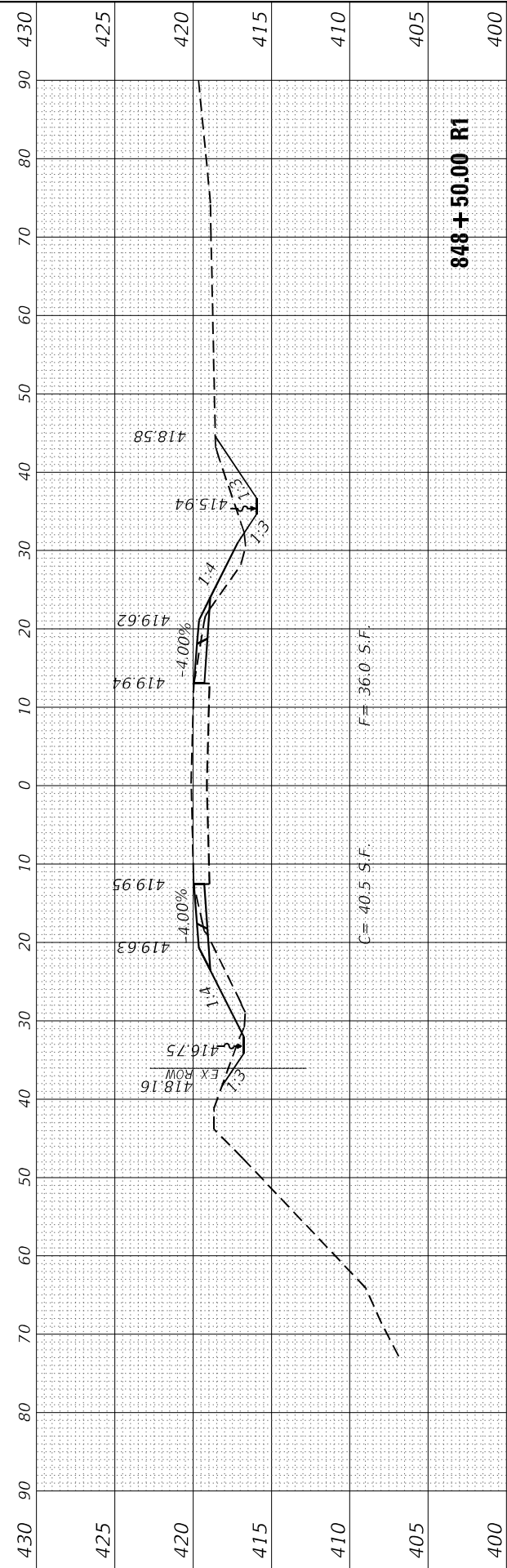
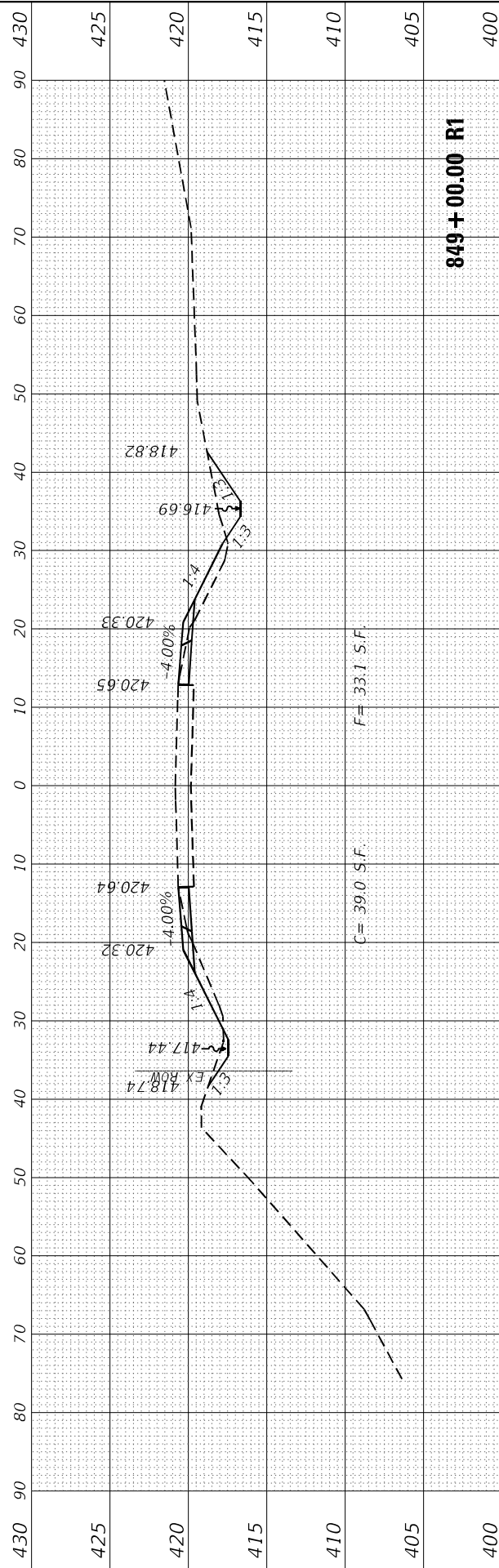
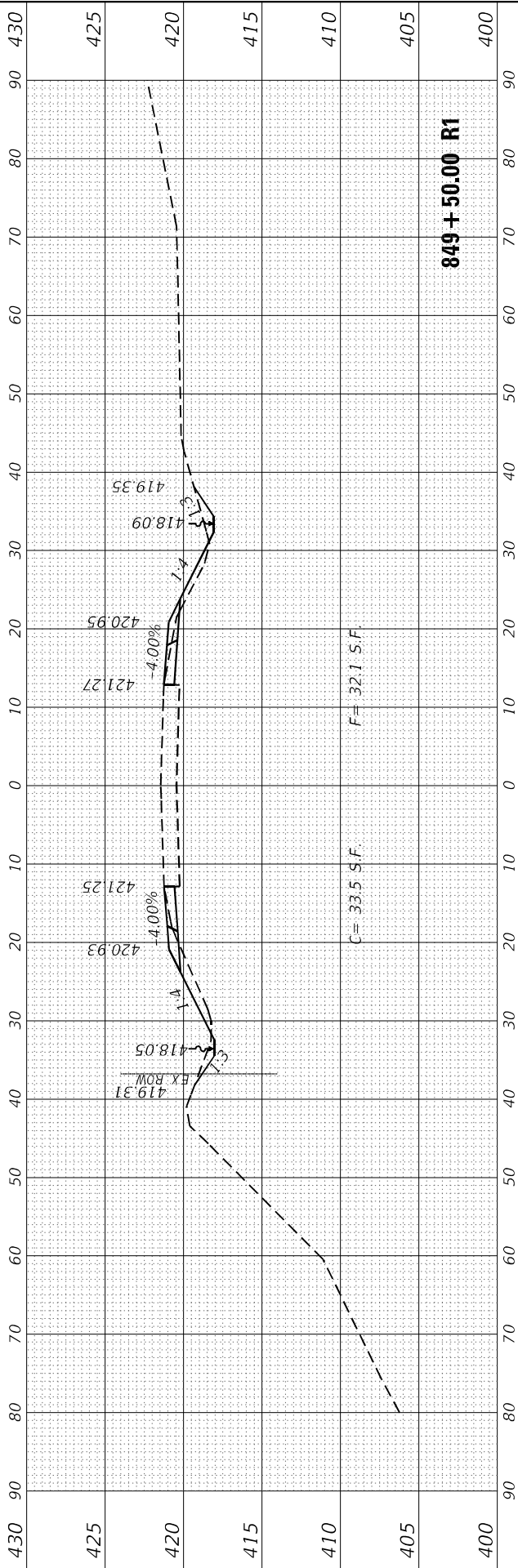
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 332
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 58 OF 80 SHEETS	STA. 848+00.00 TO STA. 849+50.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	143
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

MODEL: South Model Total Xsec Sheets
FILE NAME: 230063_8 US 450GNDDesignFinalCAD Sheets117-117-0978789-XS.dgn

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

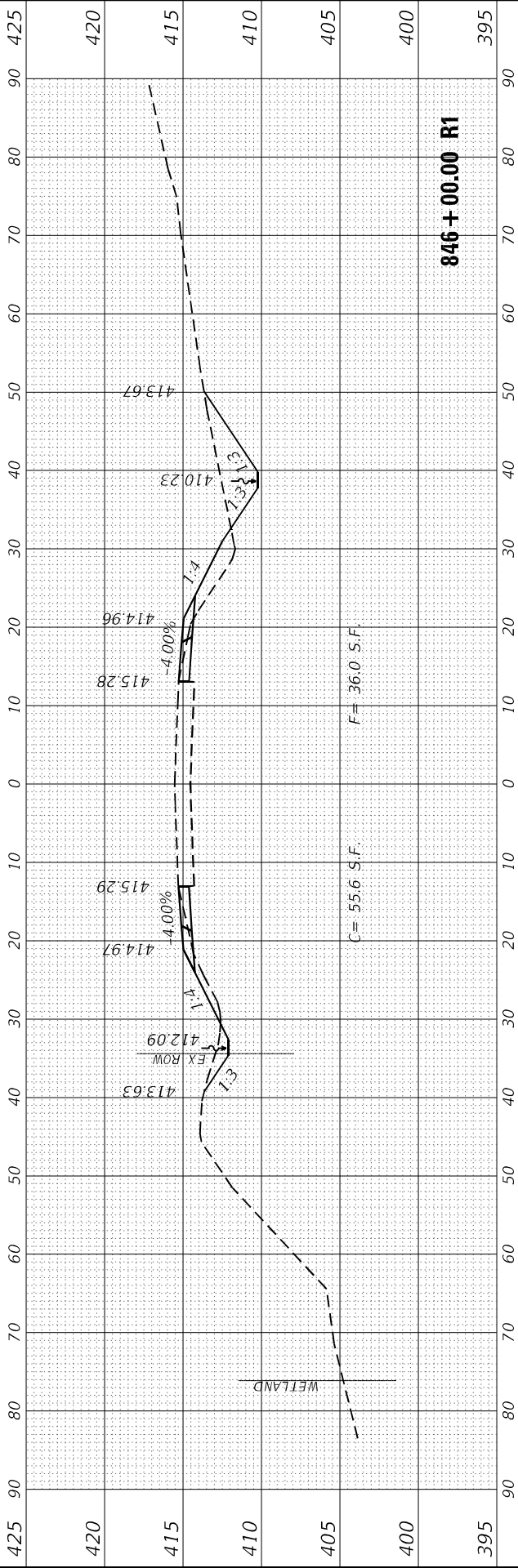
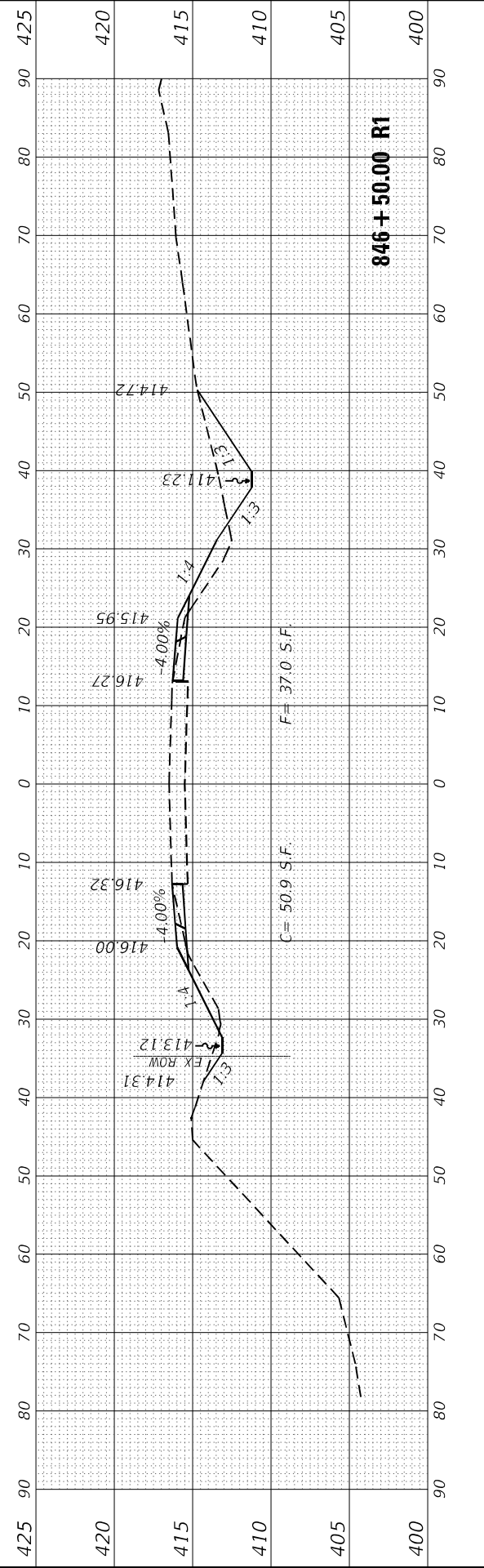
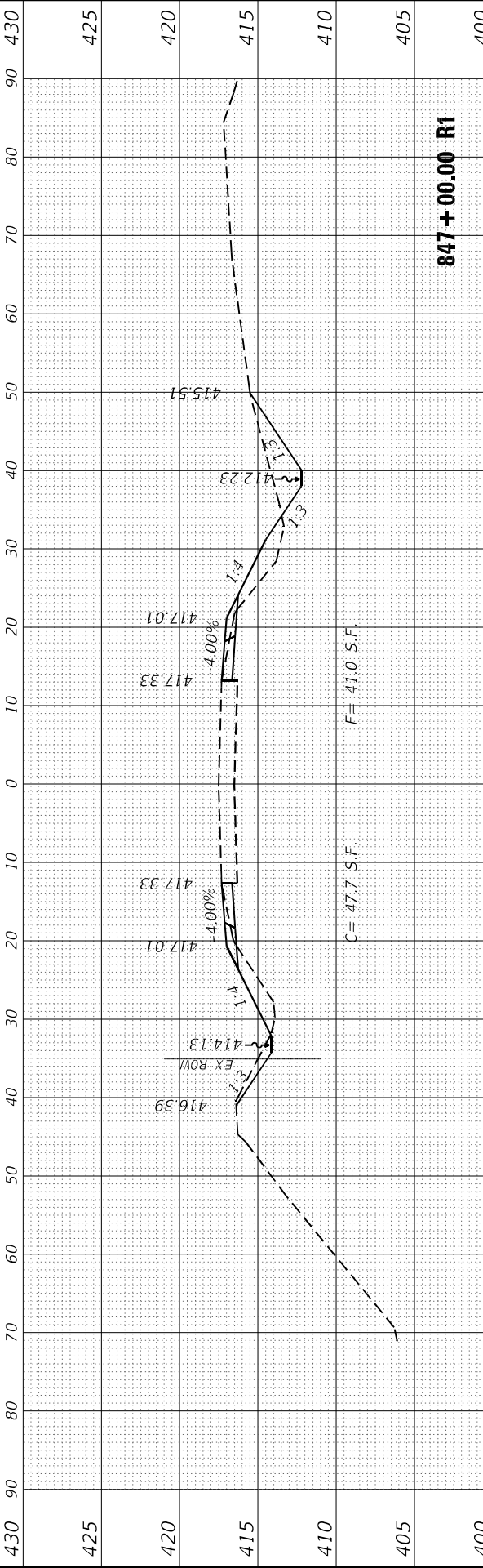
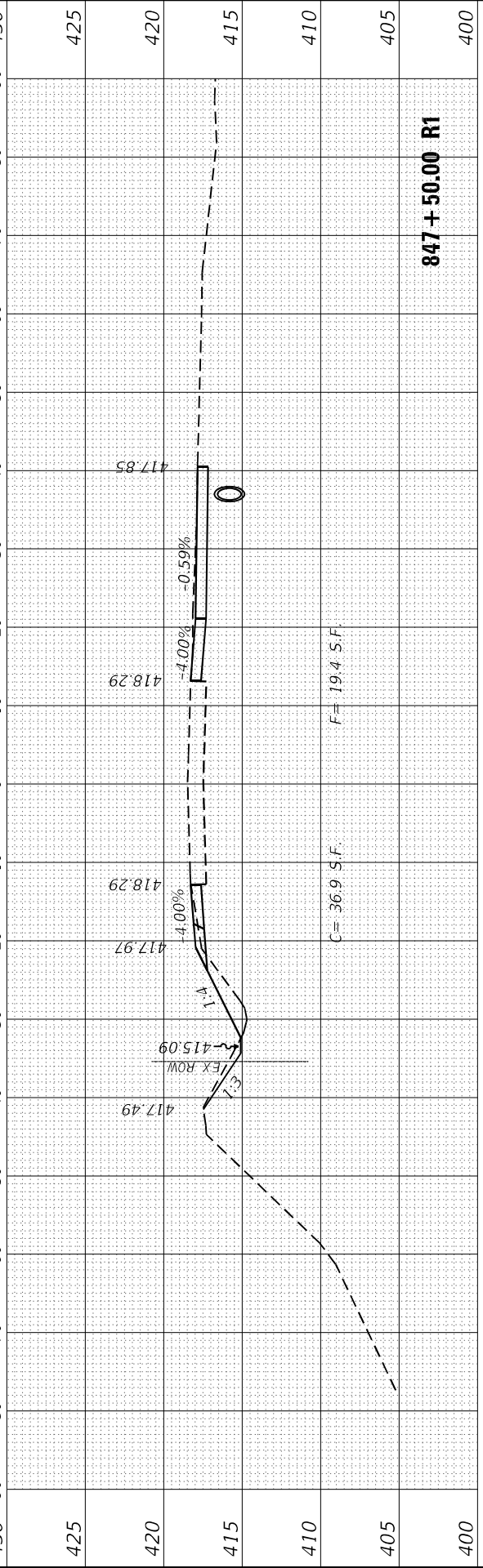
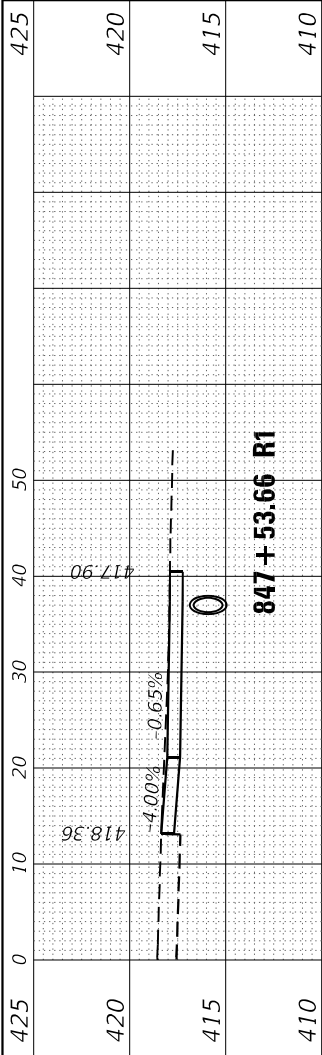
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 59 OF 80 SHEETS STA. 846+00.00 TO STA. 847+53.66

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	144
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

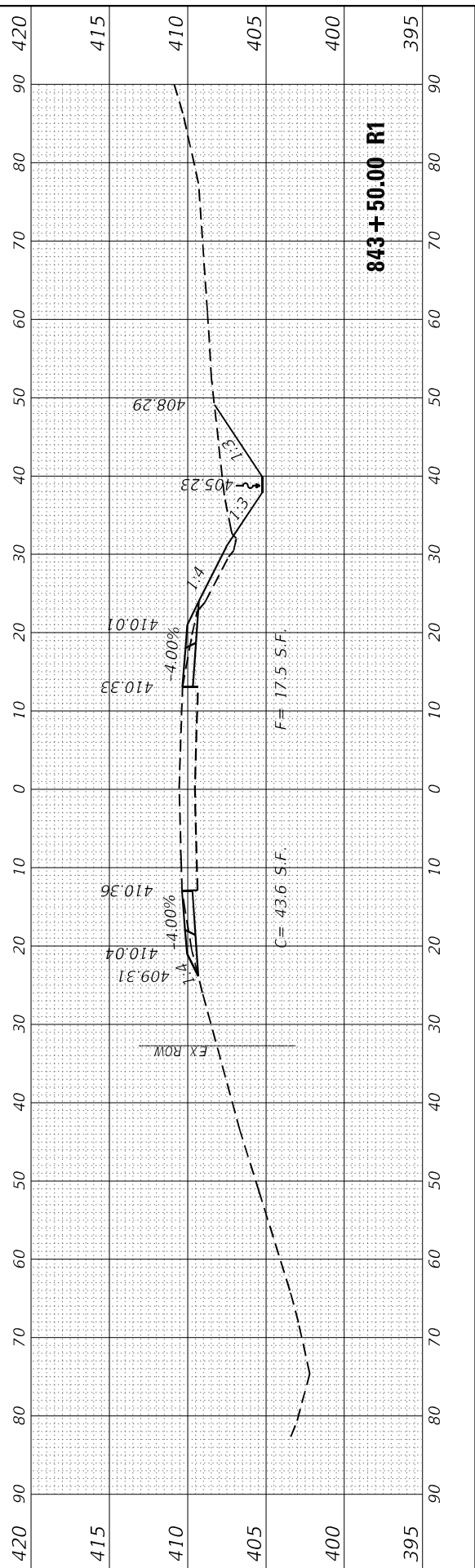
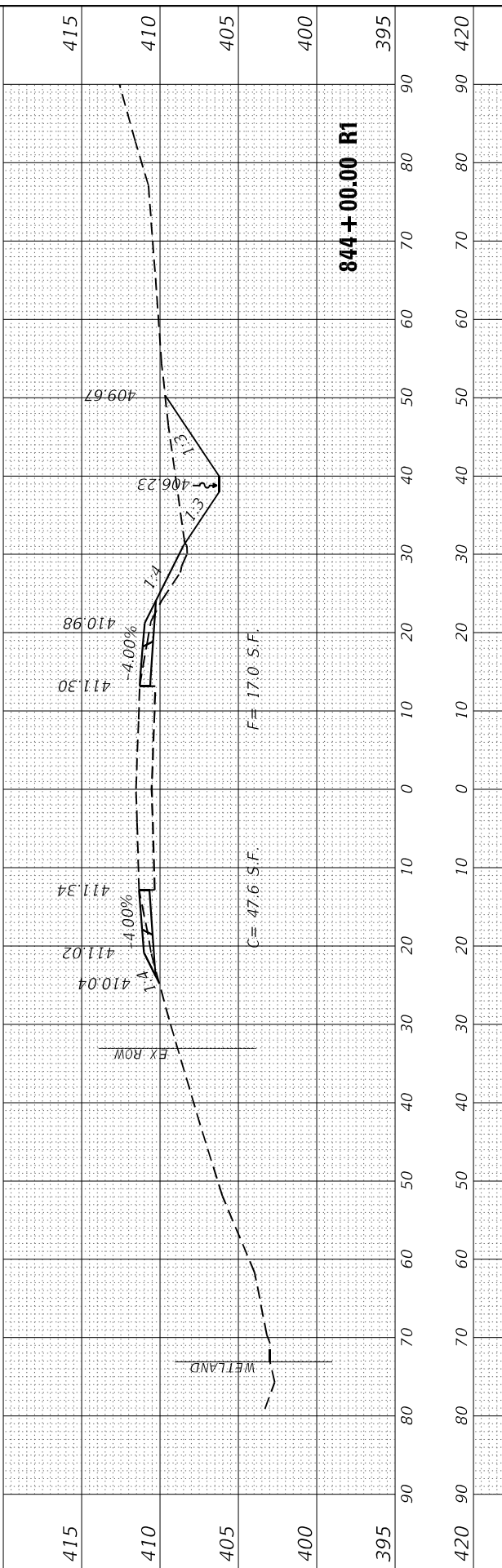
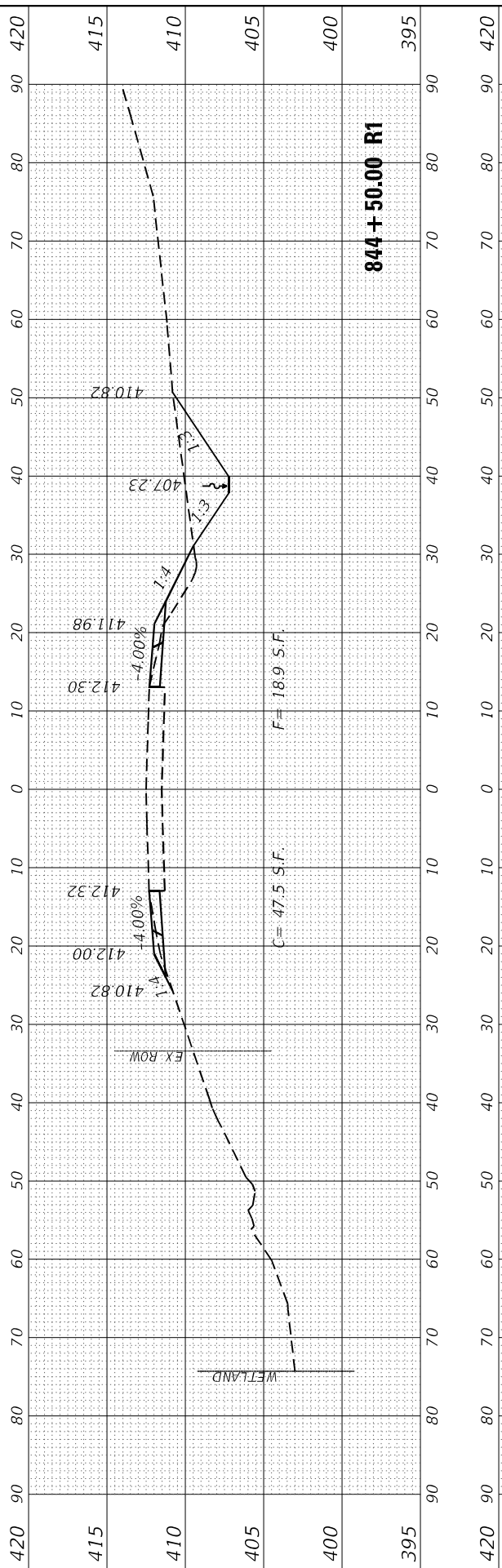
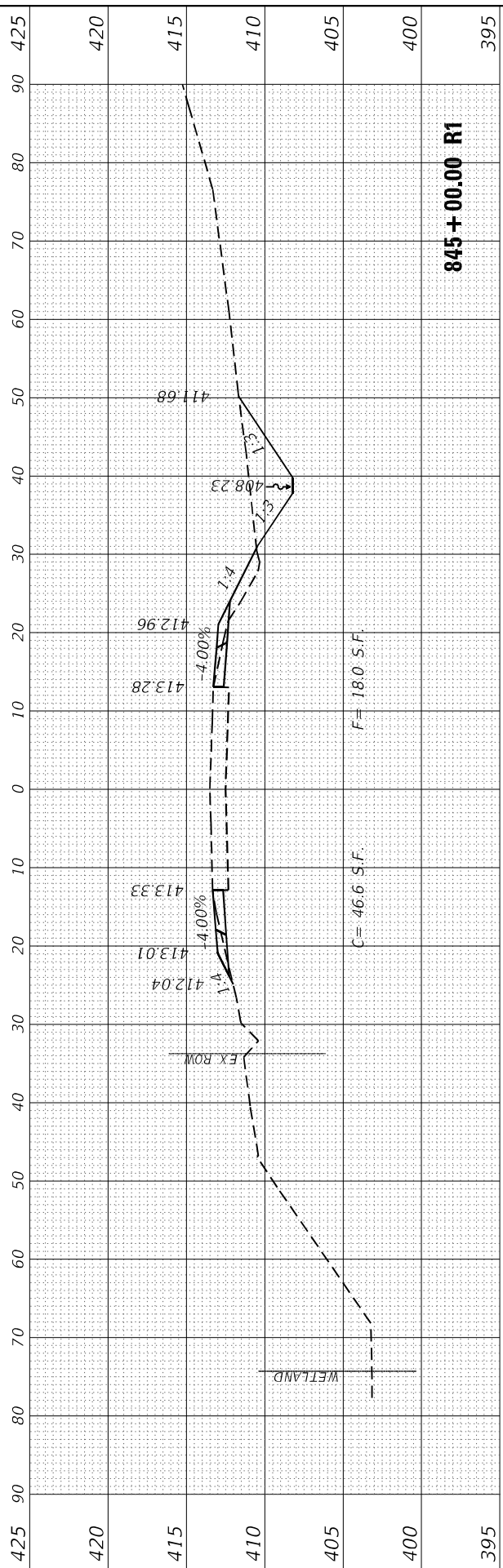
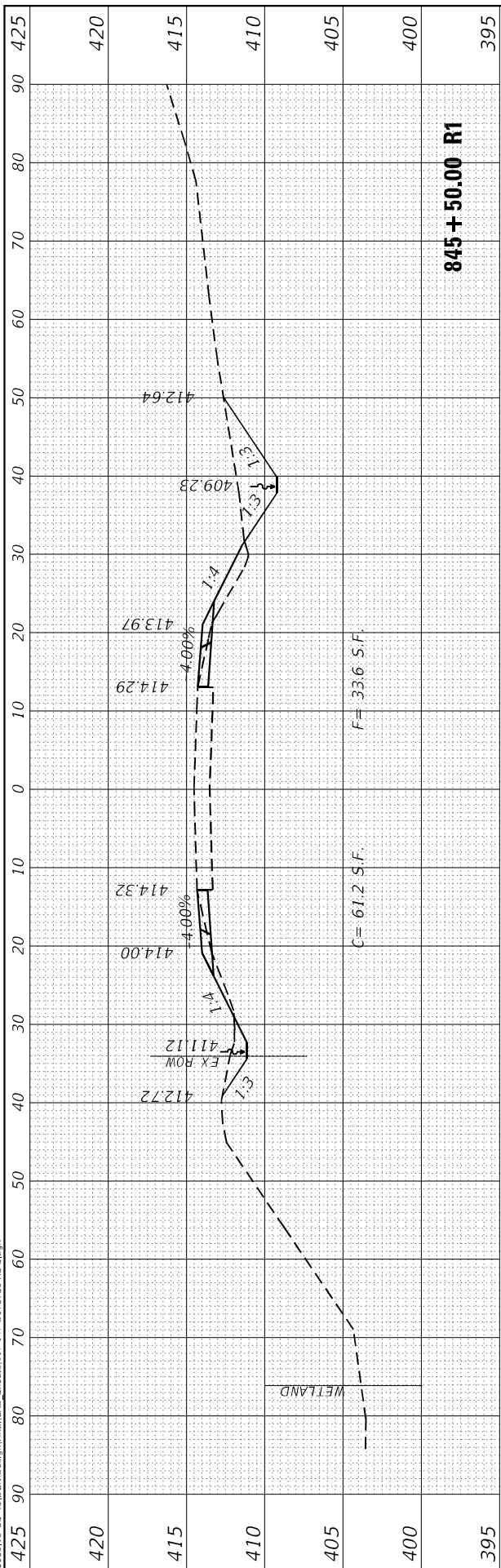
* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45IDGN\Design\Final\CAD Sheets\117-147-D978789-XS-S.dgn



EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - S/JF	REVISED -
	DRAWN - Z/JW	REVISED -
PLOT SCALE = 20:0 'x" / in.	CHECKED - S/LD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332 CROSS SECTIONS							
SCALE: 5"V : 10'H	SHEET	60	OF	80	SHEETS	STA. 843+50.00 TO STA.	845+50.00

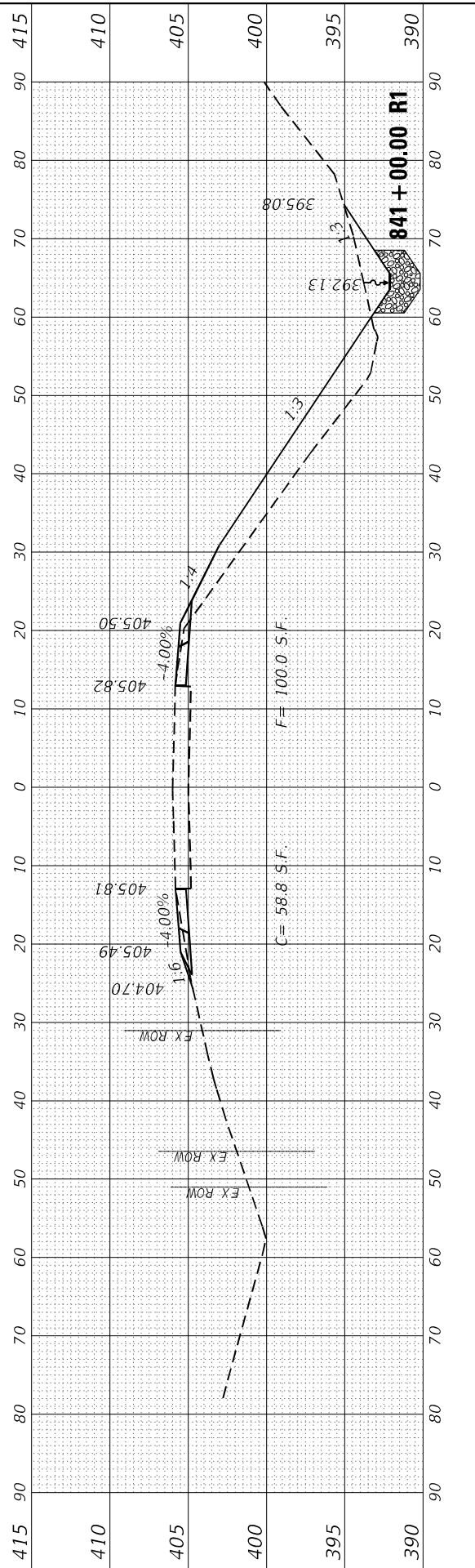
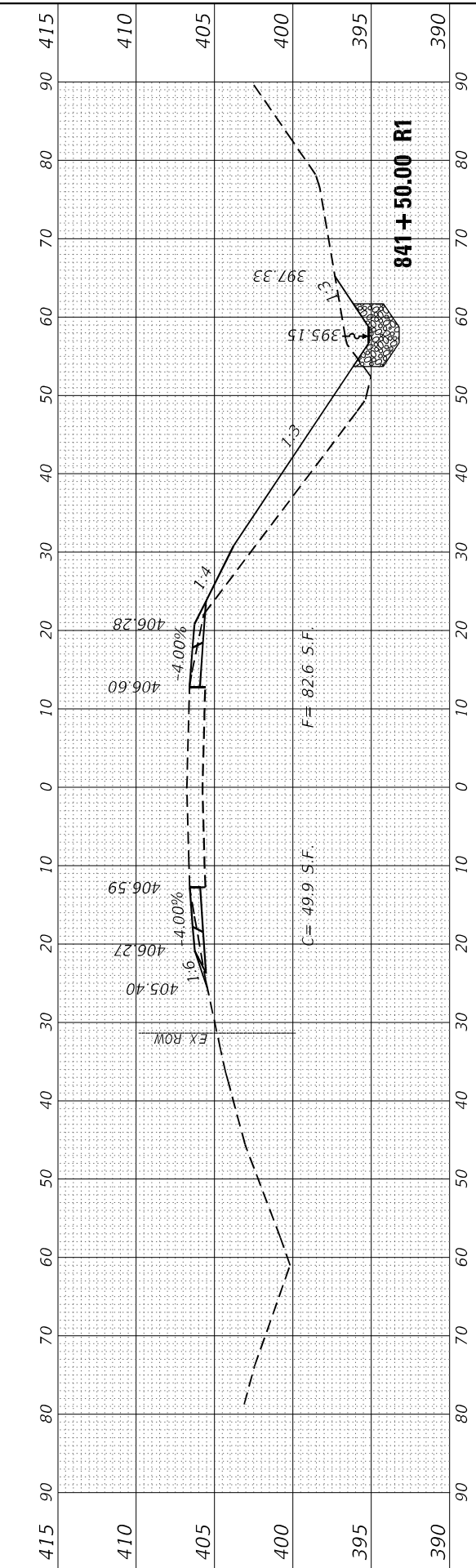
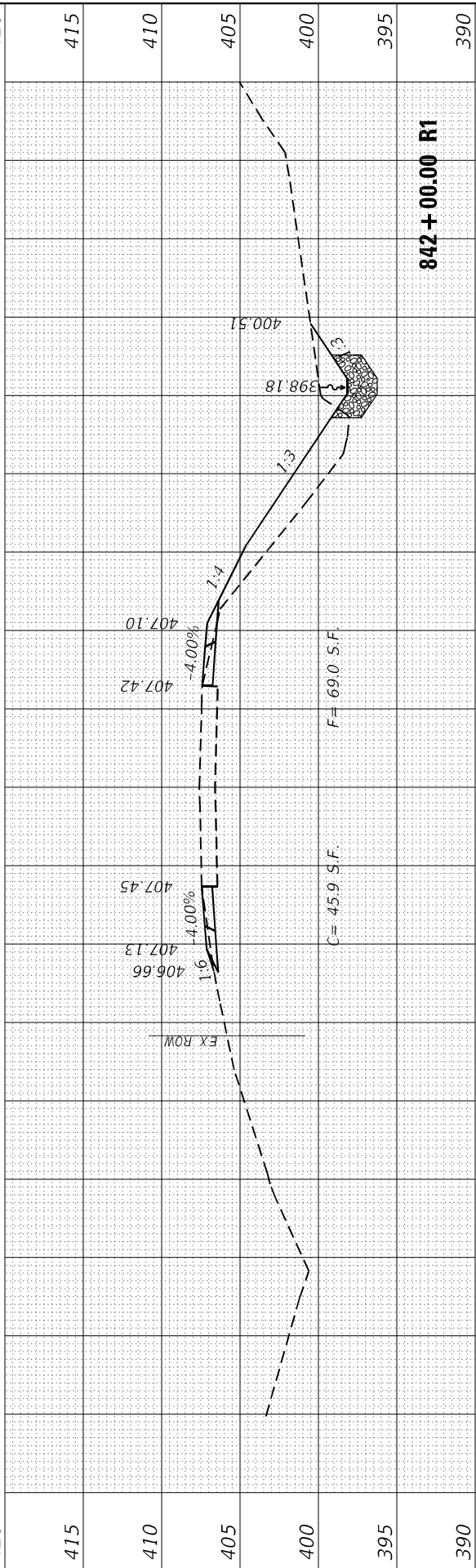
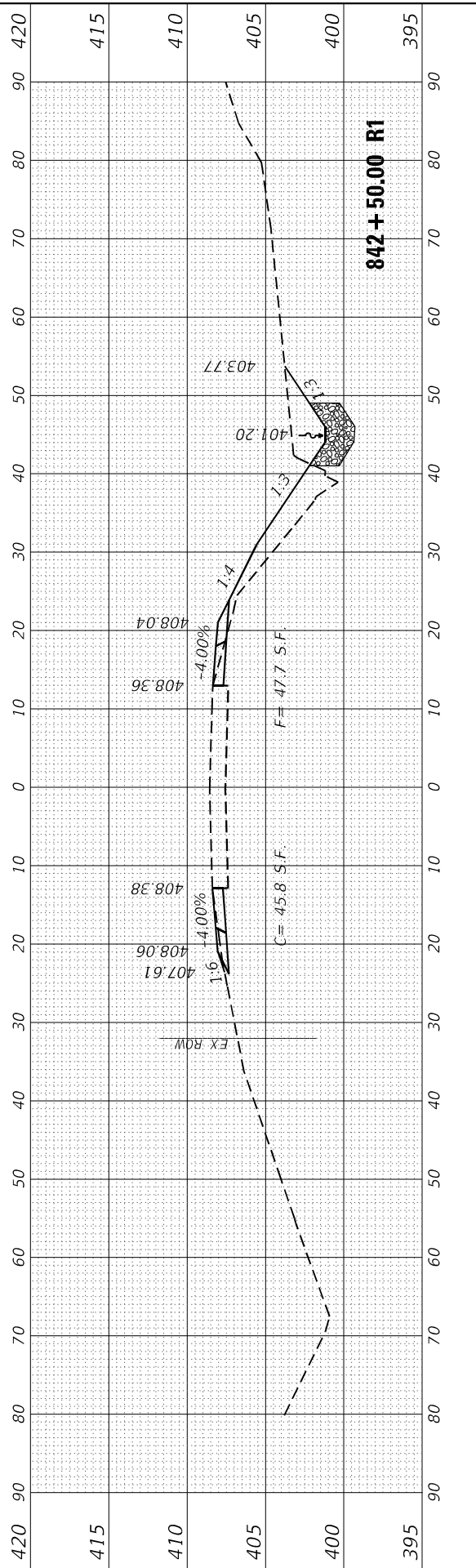
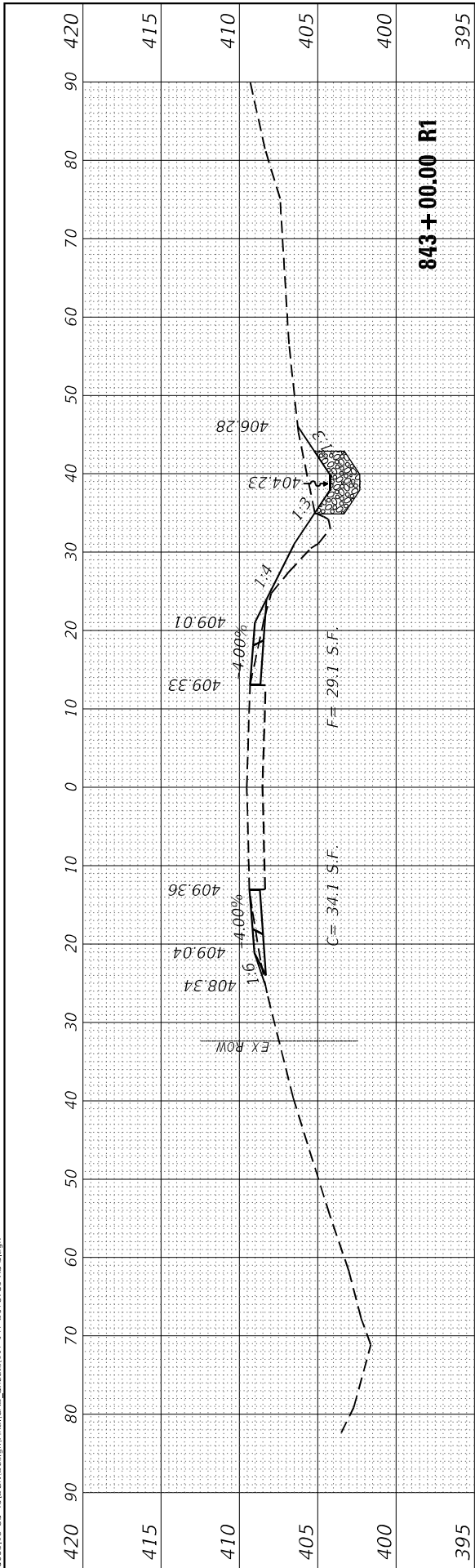
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	145
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45\DGN\Des



EFK♦Moen
Civil Engineering Design

USER NAME	= ZWaters
PLOT SCALE	= 20:0' = 1" / in.
PLOT DATE	= 3/3/2025

DESIGNED -	SJF
DRAWN -	ZJW
CHECKED -	SLD
DATE -	3/3/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 5'V : 10'H	SHEET 61 OF 80 SHEETS	STA. 840+50.00 TO STA. 843+00.00
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FAP 332
CROSS SECTIONS

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	146
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN

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

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

MODEL South Model Total Xsec Sheets
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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF
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PLOT SCALE = 20:0' ** / in.	CHECKED - SLD
PLOT DATE = 3/3/2025	DATE - 3/3/2025

REVISED -
REVISED -
REVISED -
REVISED -

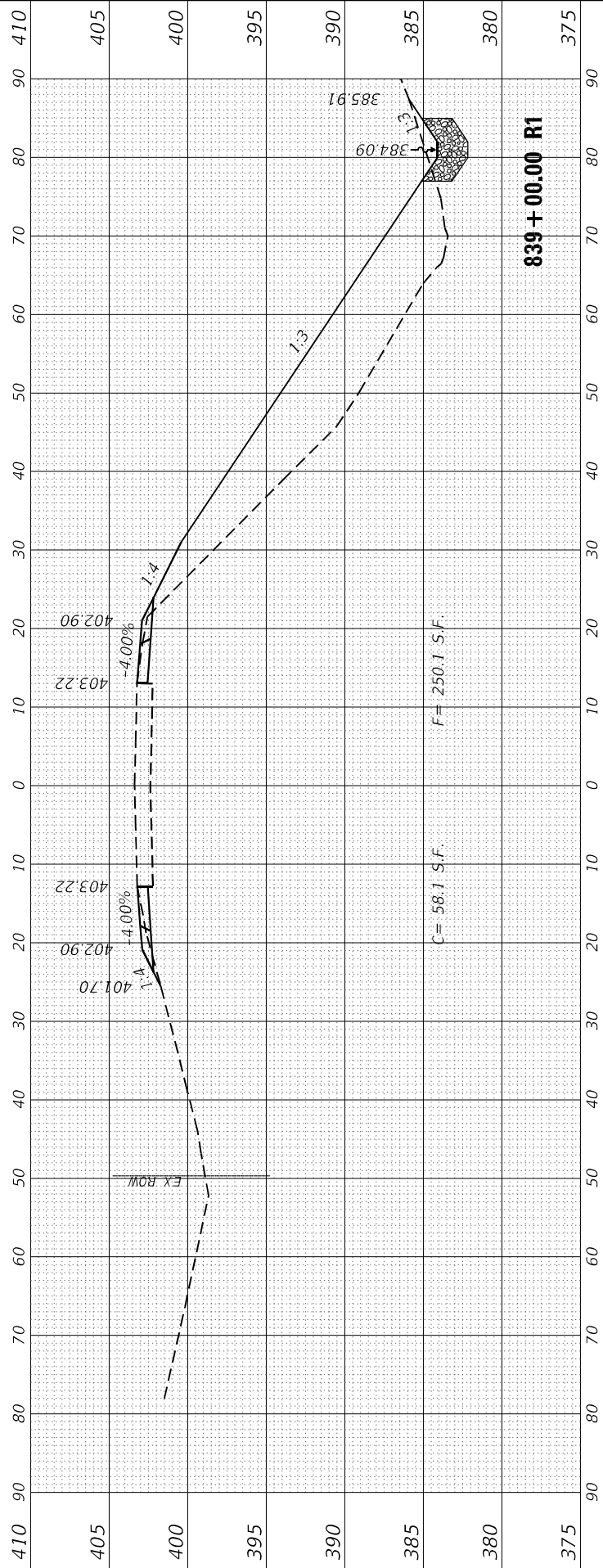
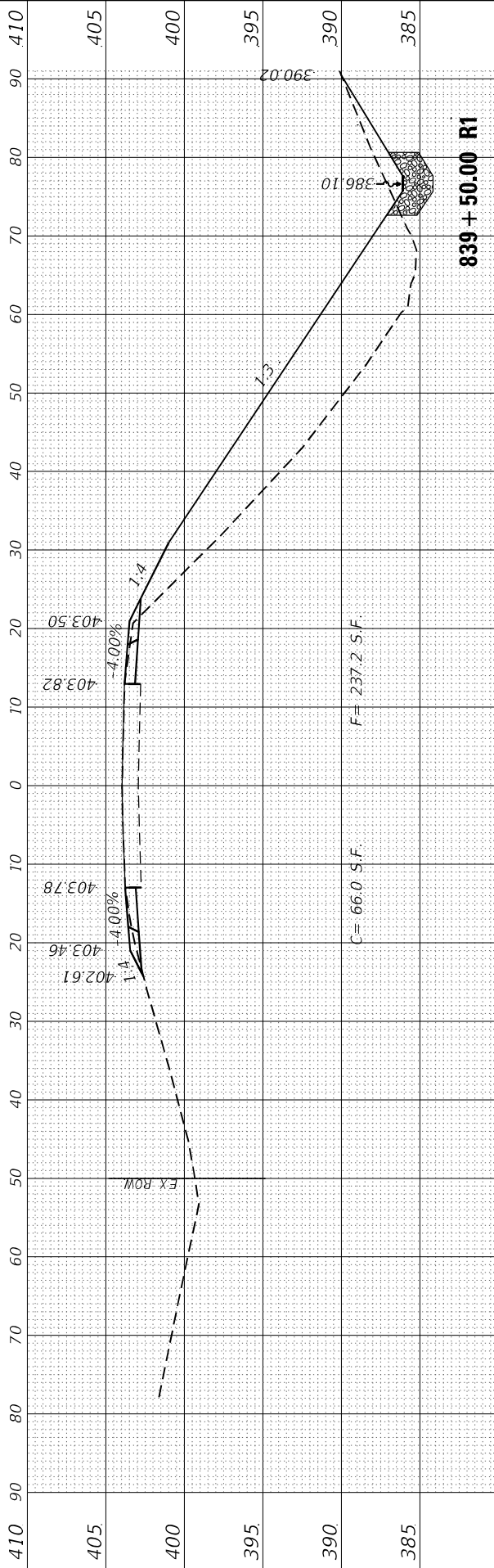
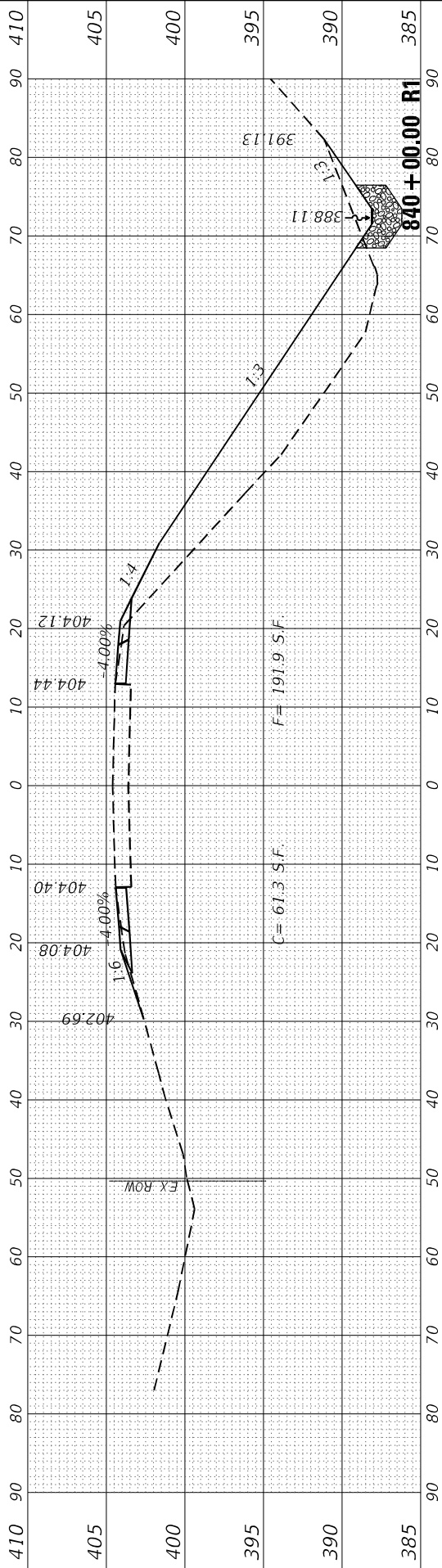
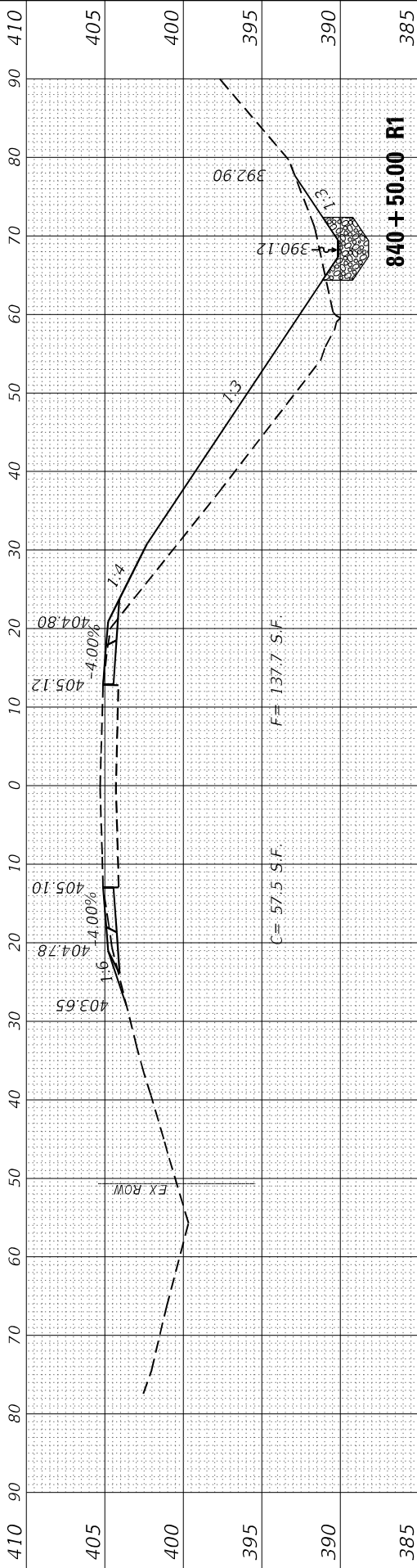
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 62 OF 80 SHEETS STA. 839+00.00 TO STA. 840+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	147
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45\IDGN\Des

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF
	DRAWN - ZJW
PLOT SCALE = 20:0 '"/ in.	CHECKED - SLD
PLOT DATE = 2/28/2025	DATE - 2/28/2025

DESIGNED - SJF	REVISED -
DRAWN - ZJW	REVISED -
CHECKED - SLD	REVISED -
DATE - 2/28/2025	REVISED -

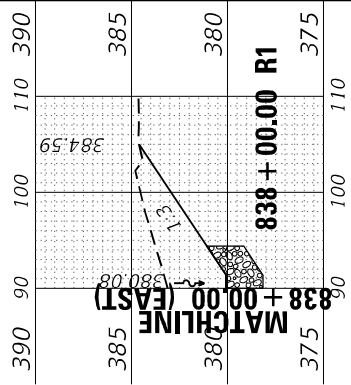
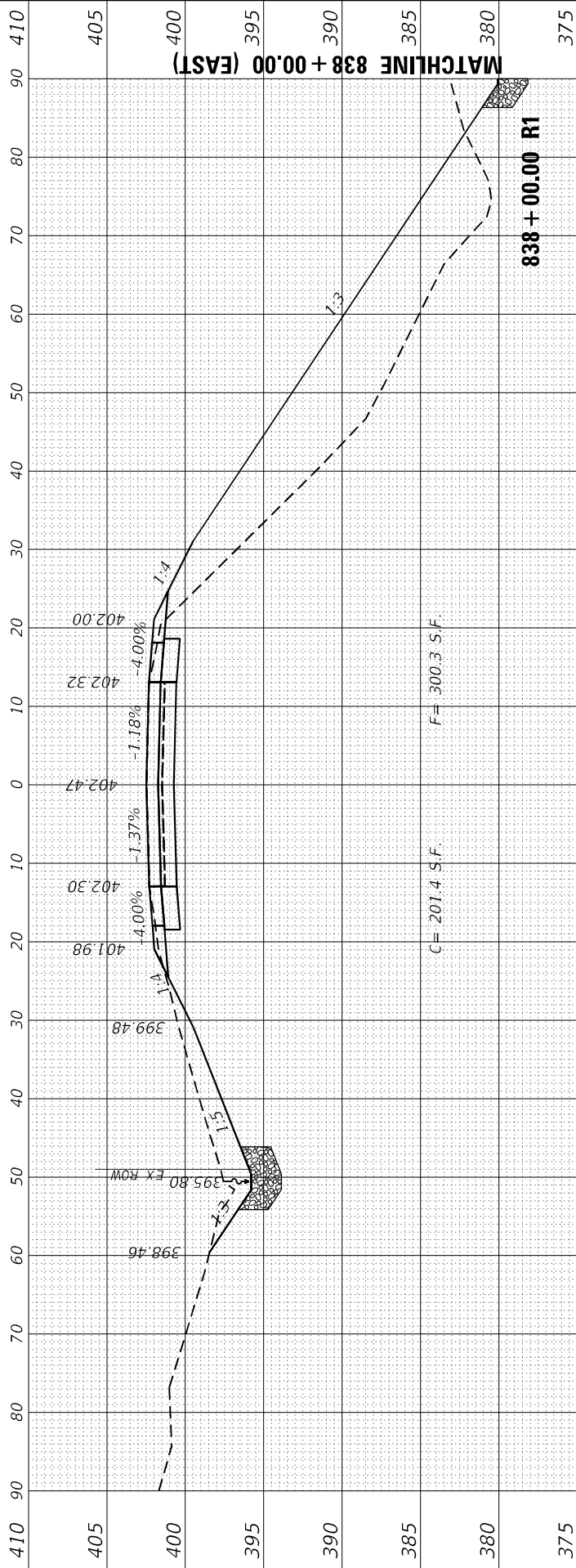
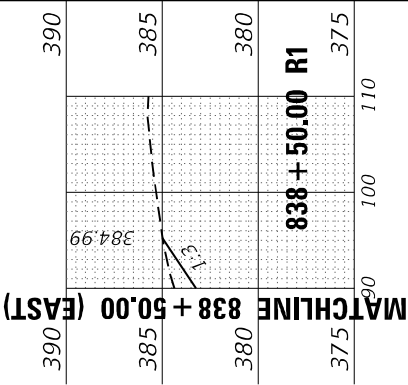
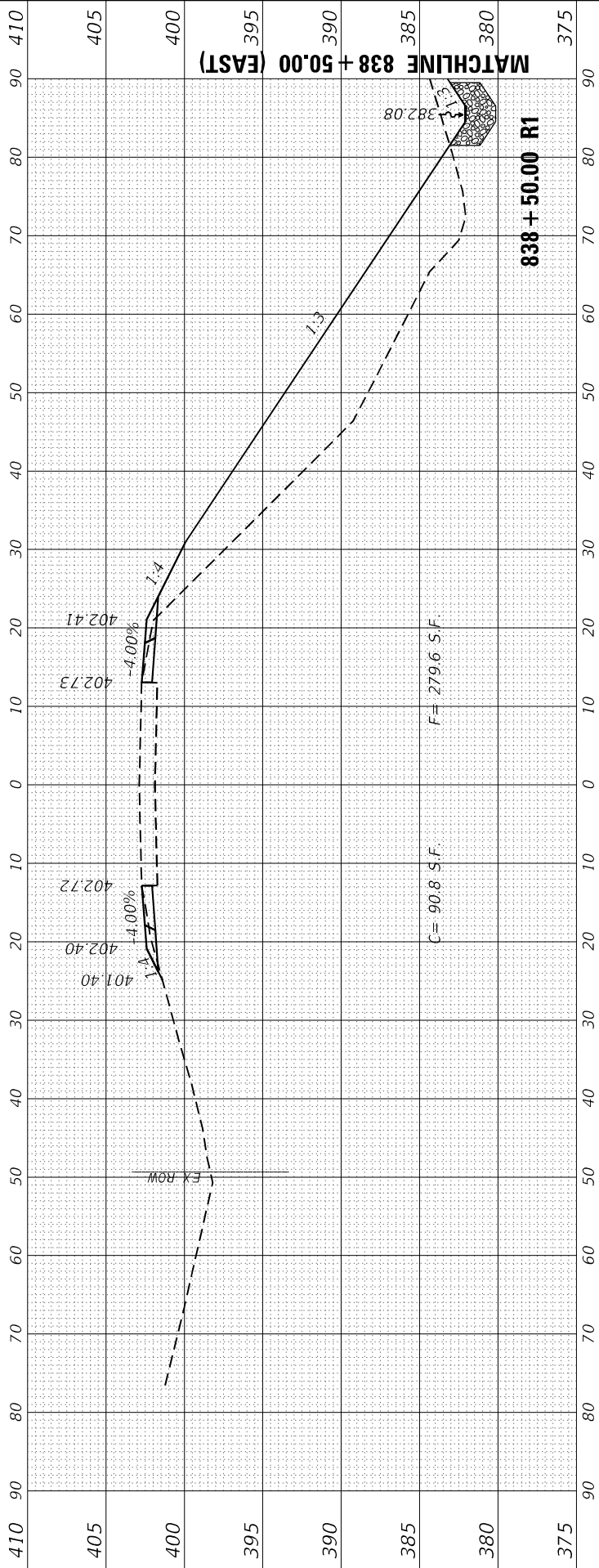
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332

CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	148
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
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FILE NAME: Z:\20063.18 US 45\DGN\Design\Final\CAD Sheets\117-147-D978789-XS-S.dgn



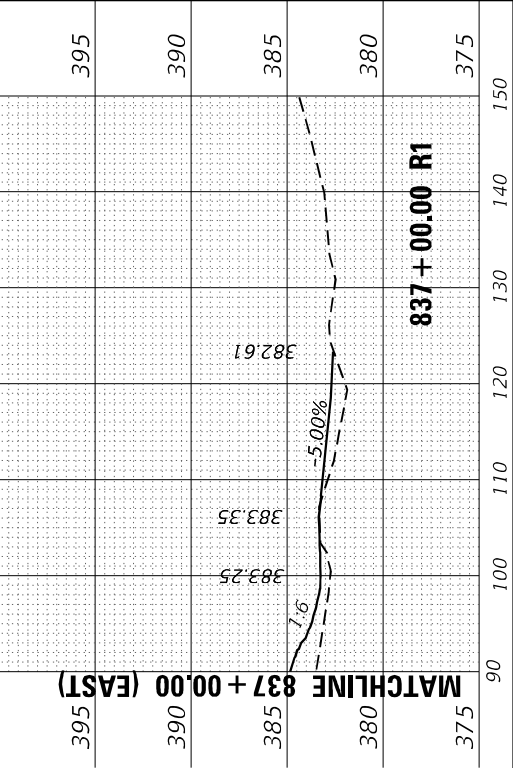
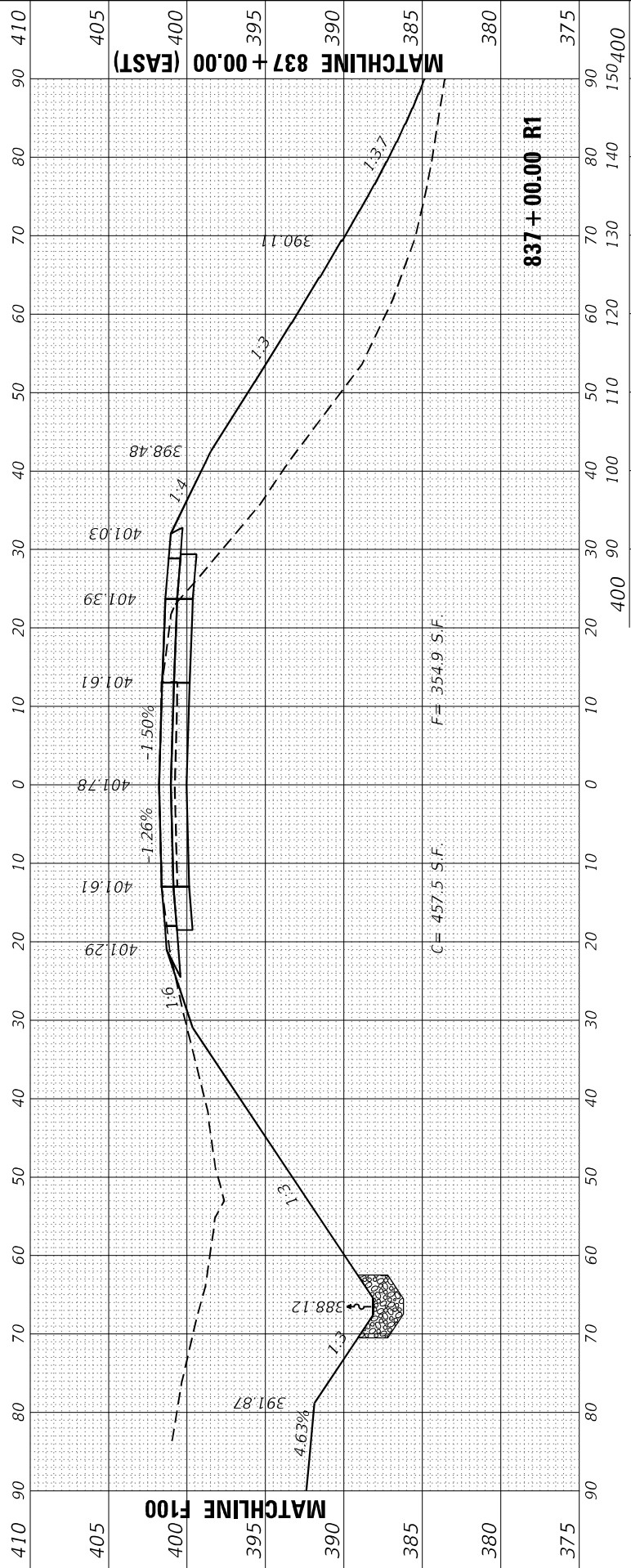
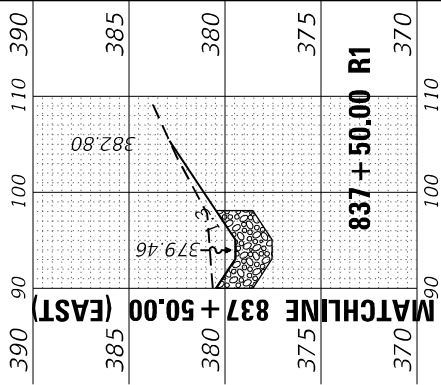
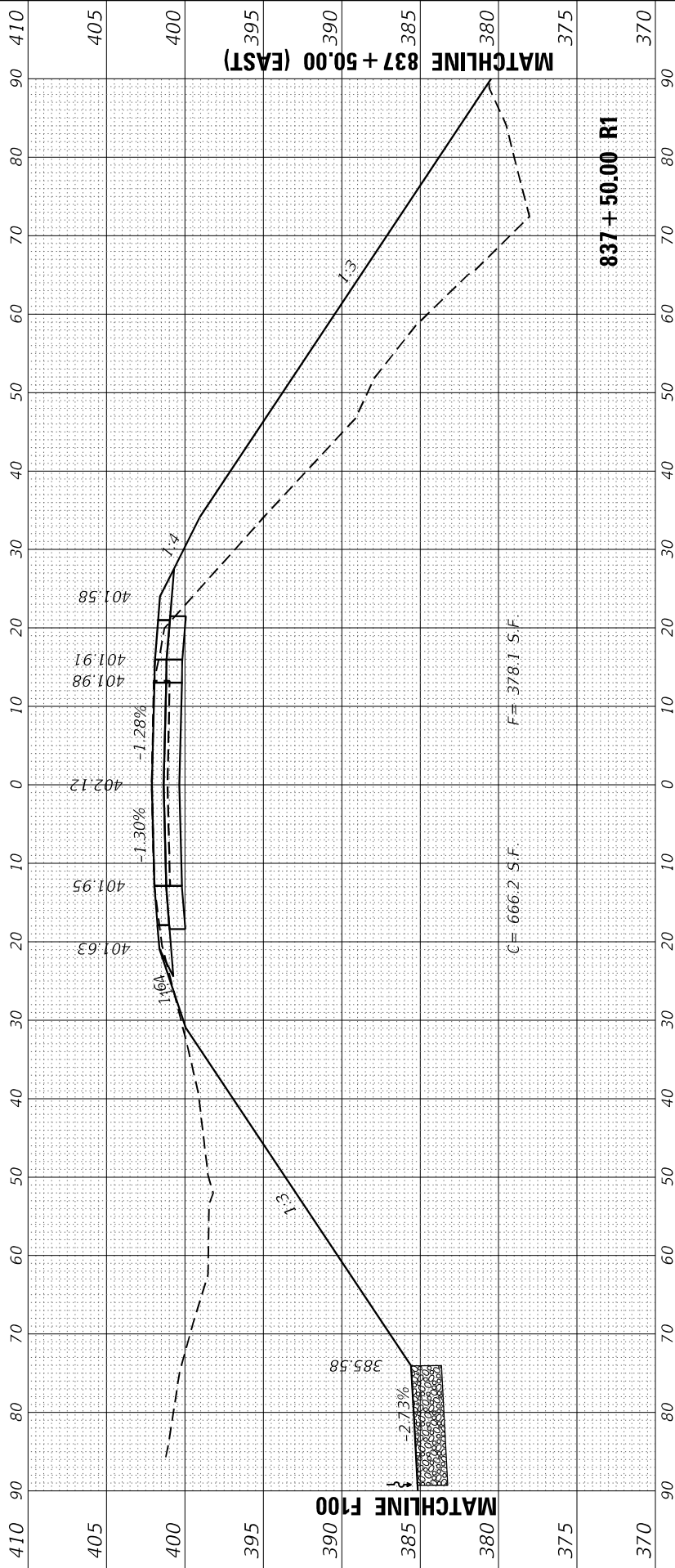
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PLOT SCALE = 20:0 'x' / in.	CHECKED - S/LD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332 CROSS SECTIONS				
SCALE: 5"V : 10'H	SHEET 64	OF 80	SHEETS	STA. 837+00.00 TO STA. 837+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1.N-1	*	165	149
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023, 8 US 4530GNDDesignFinalCAD Sheets117-117-1978789XS.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - ZJW	REVISED -
PLOT SCALE = 20:0' ** / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 5"V : 10"H

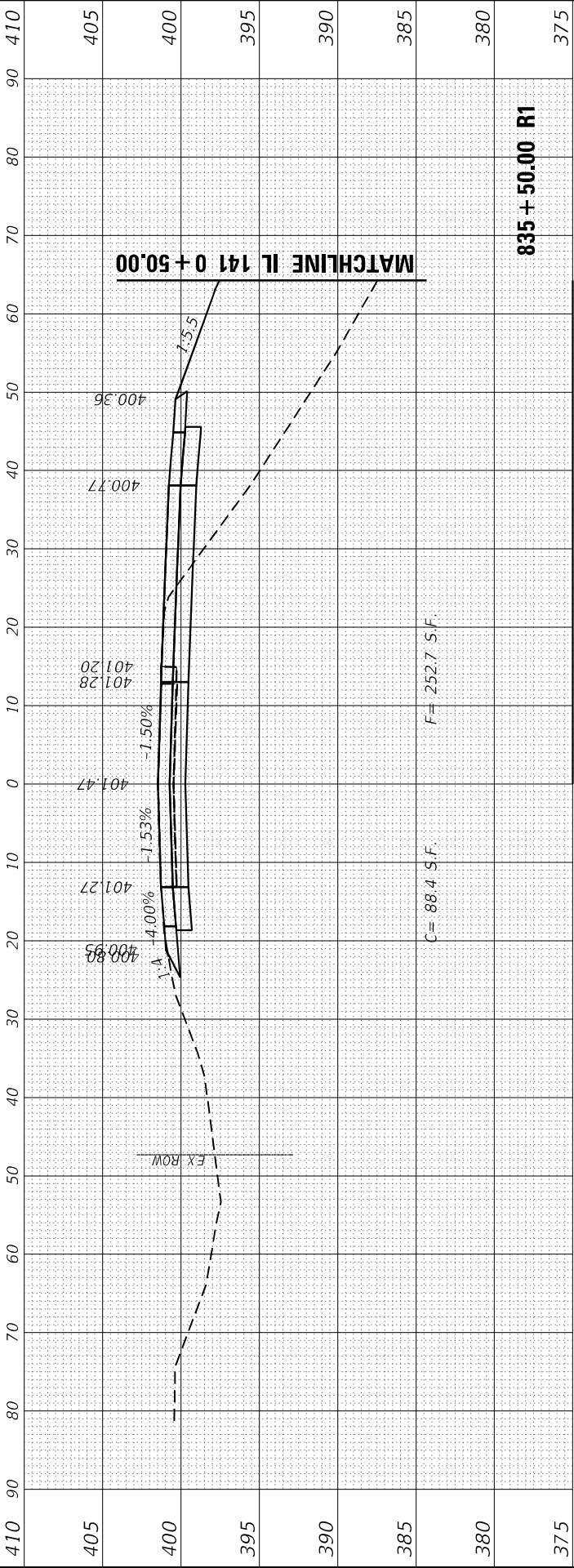
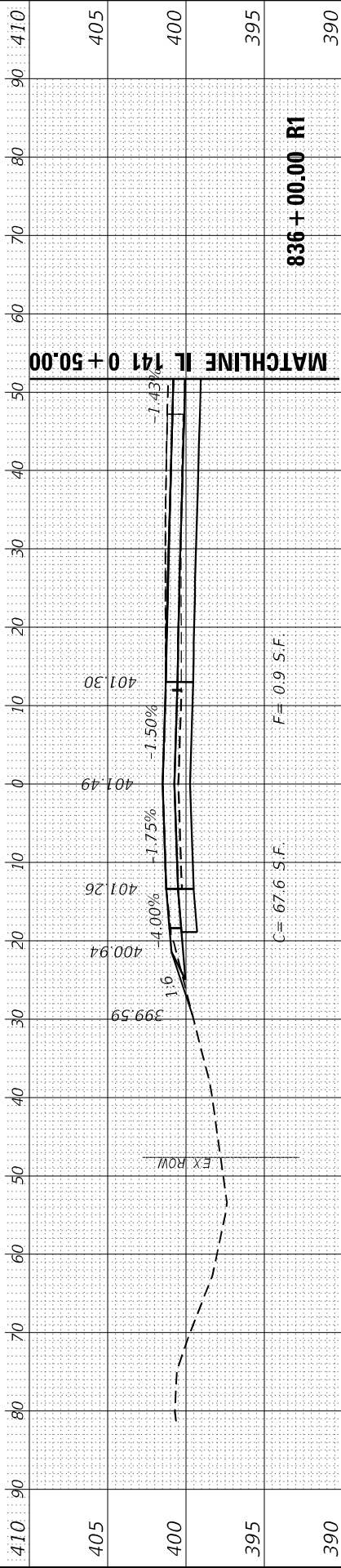
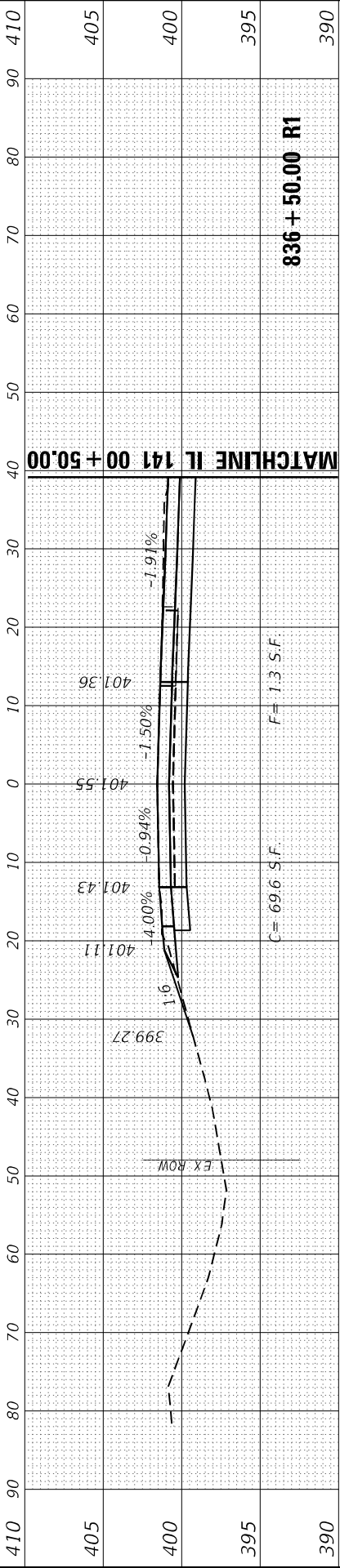
SHEET 65 OF 80 SHEETS

STA. 835+50.00 TO STA. 836+50.00

FAP 332
CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	150
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023, 8 US 4530GNDDesignFinalCAD Sheets117-117-1978789-XS.dgn

EFK•Moen
Civil Engineering Design

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	DRAWN - ZJW	REVISED -
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PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

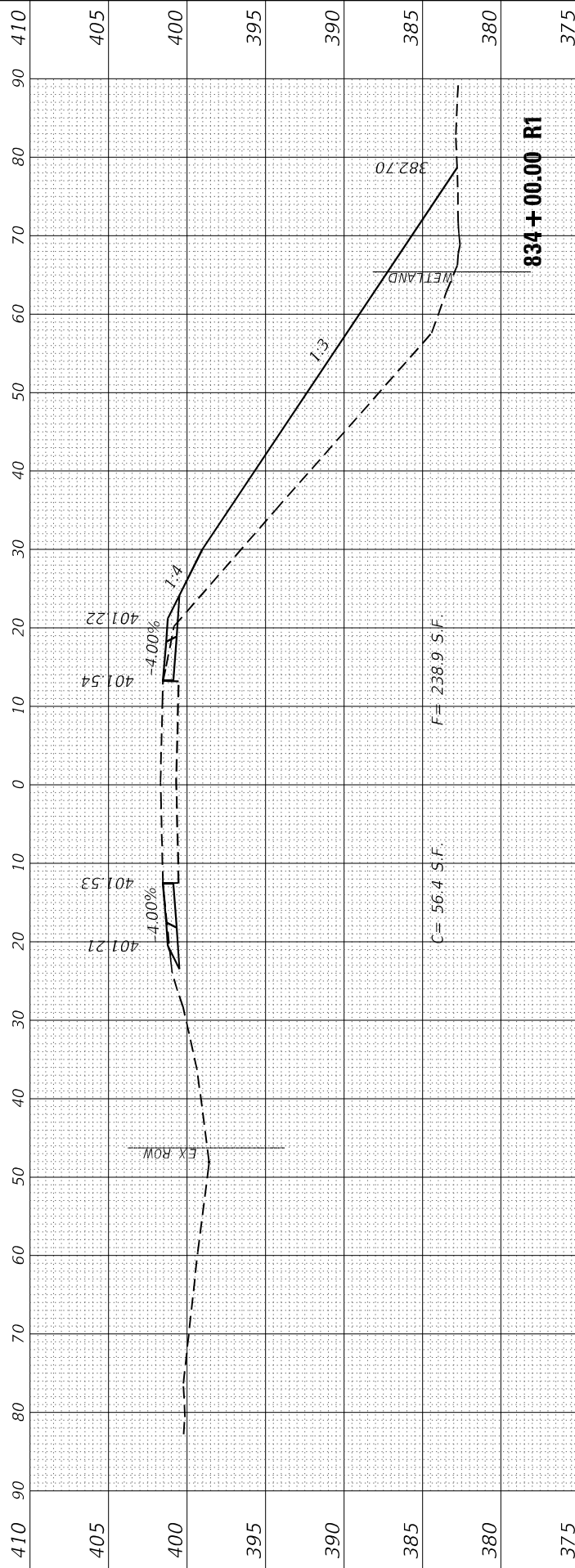
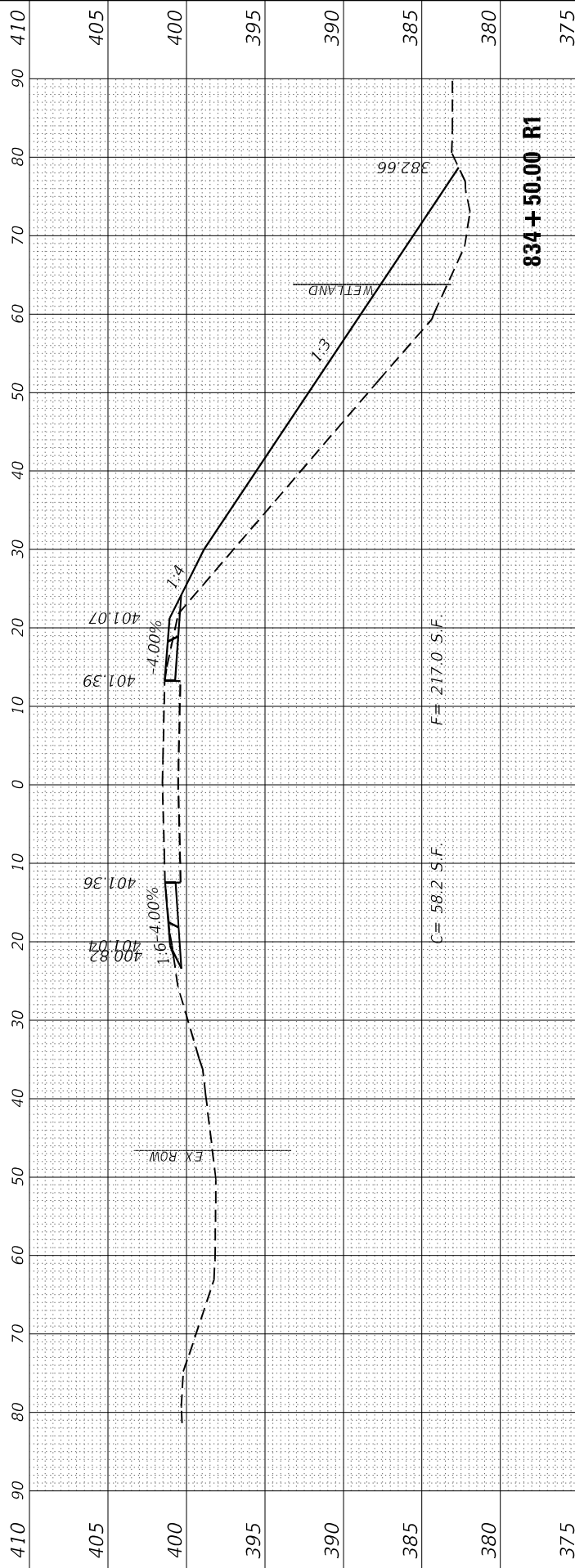
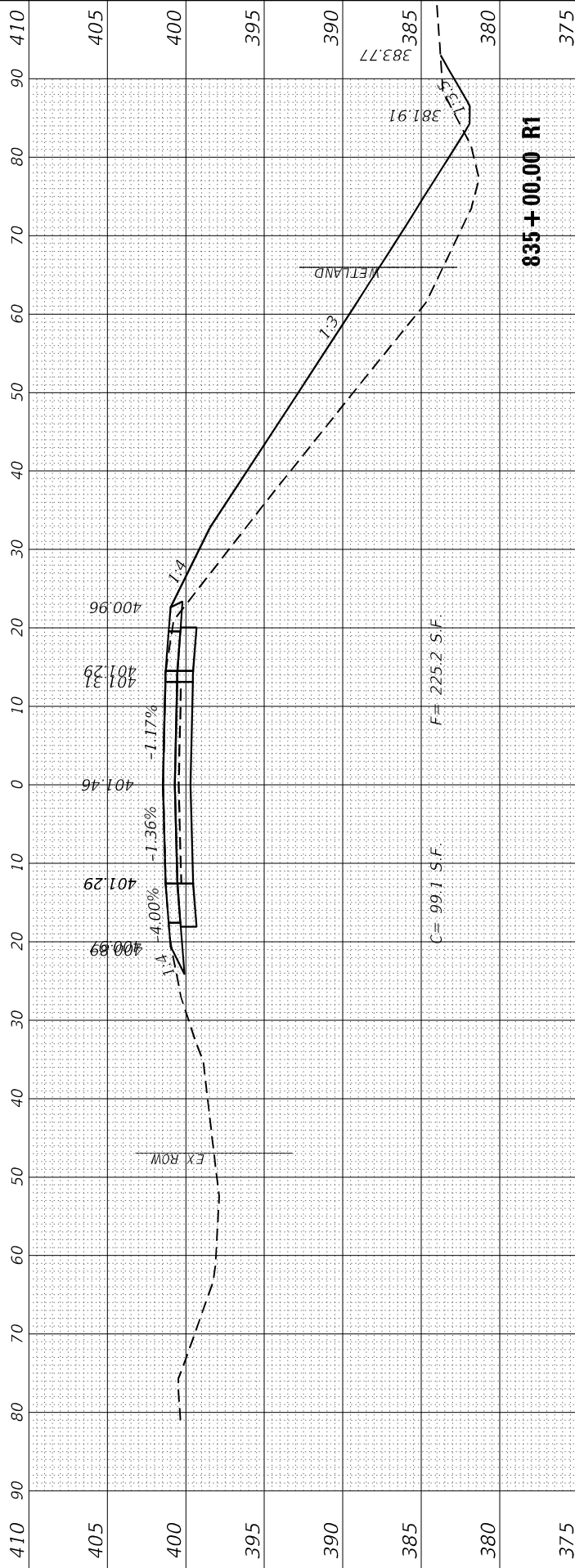
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 66 OF 80 SHEETS STA. 834+00.00 TO STA. 835+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	151
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

MODEL South Model Total Xsec Sheets
FILE NAME: 2/2/2023_8 US 45100NDesignFinalCAD Sheets117-117-1978789-XS.dgn

EFK•Moen
Civil Engineering Design

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PLOT DATE = 2/28/2025

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DRAWN - ZJW
CHECKED - SLD
DATE - 2/28/2025

REVISED -
REVISED -
REVISED -
REVISED -

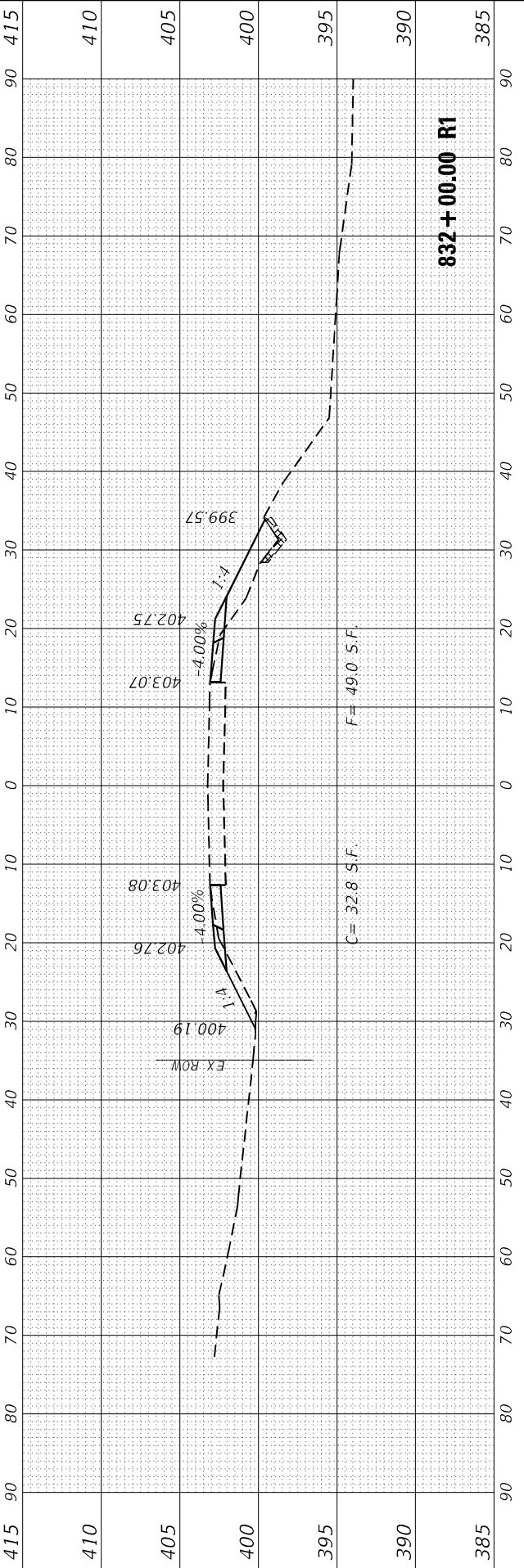
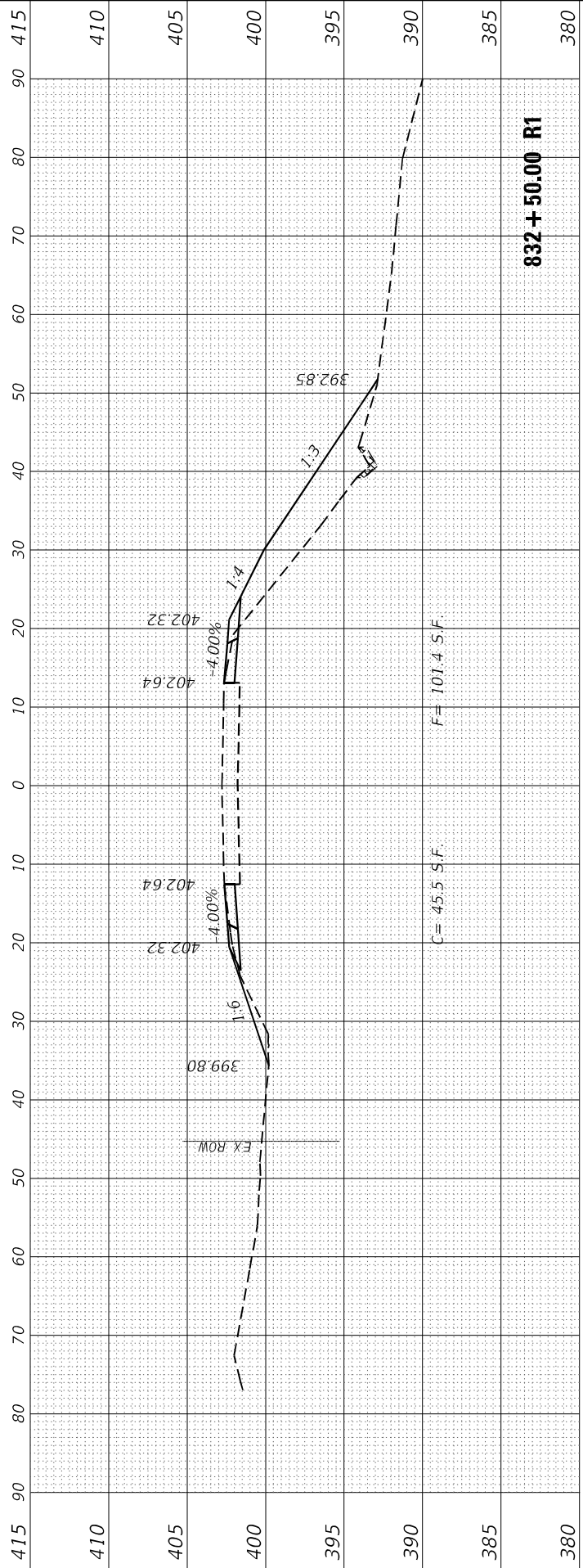
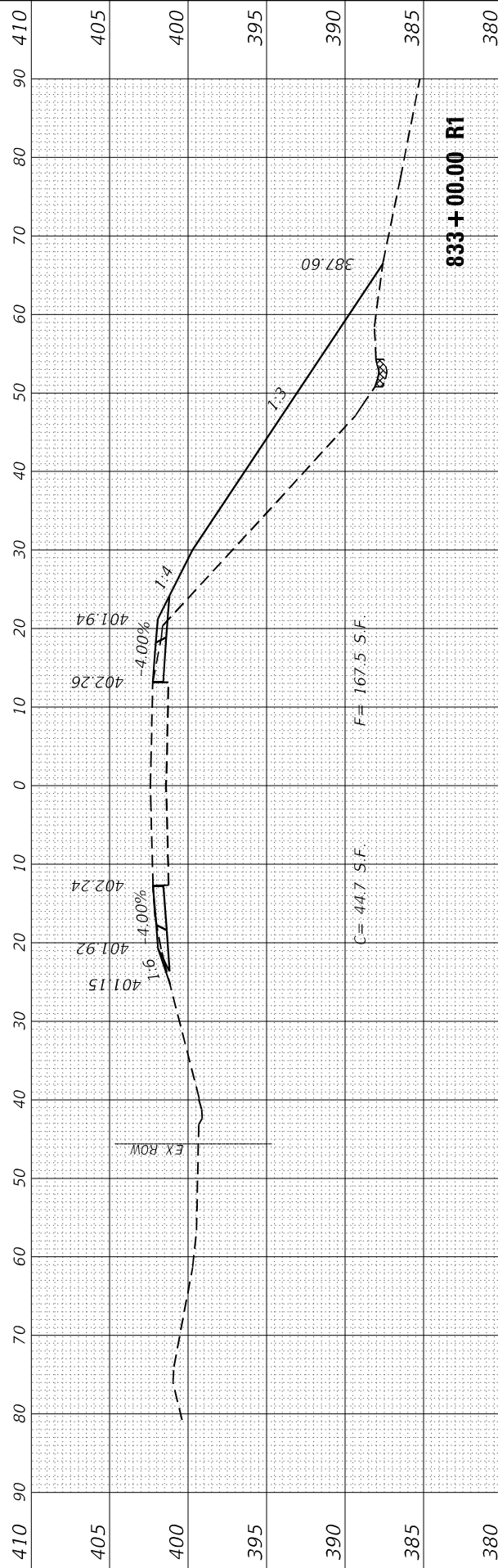
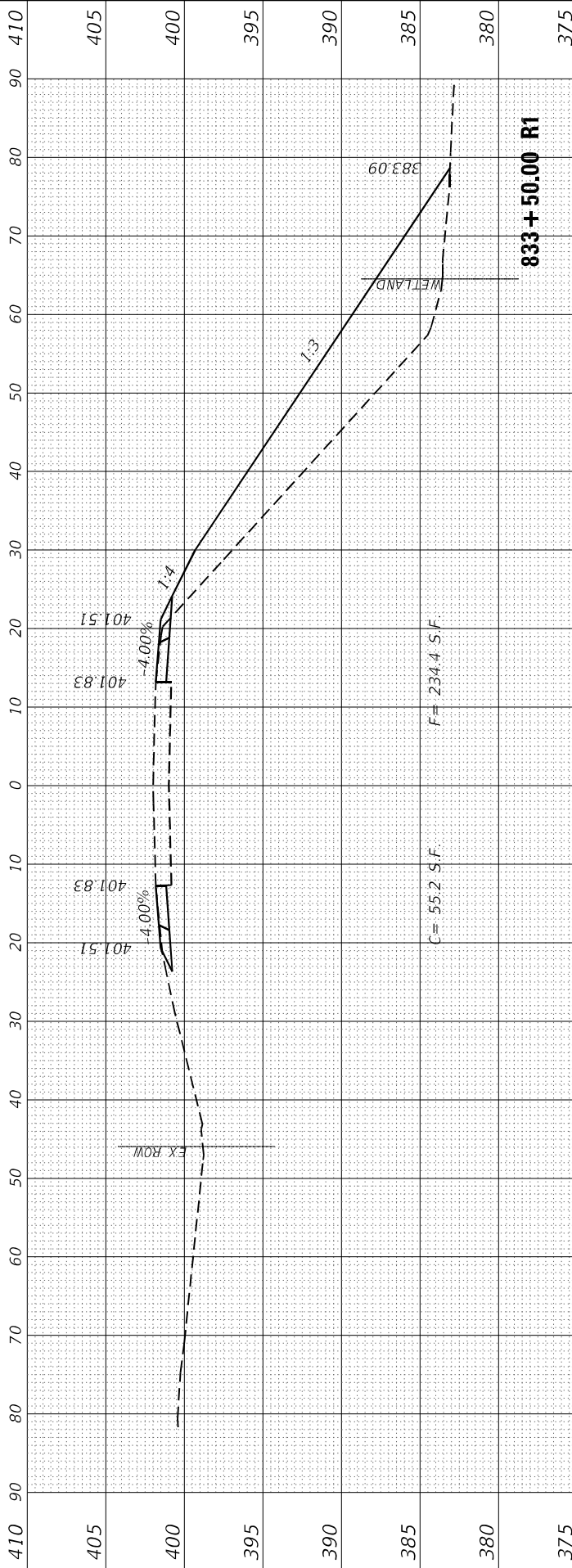
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 67 OF 80 SHEETS STA. 832+00.00 TO STA. 833+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	152
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS FED. AID PROJECT		

* WHITE/ GALLATIN



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

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

MODEL: South Model Total XSec Sheets
FILE NAME: Z:\20063.18 US 45\DGN\Des

FILE NAME: Z:\20063.18 US 45\DGN\Design\Final\CAD Sheets\117-147-D978789-XS-S.dgn



USER NAME	= ZWaters
PLOT SCALE	= 20:0' = 1" / in.
PLOT DATE	= 2/28/2025

DESIGNED -	SJF
DRAWN -	ZJW
CHECKED -	SLD
DATE -	2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

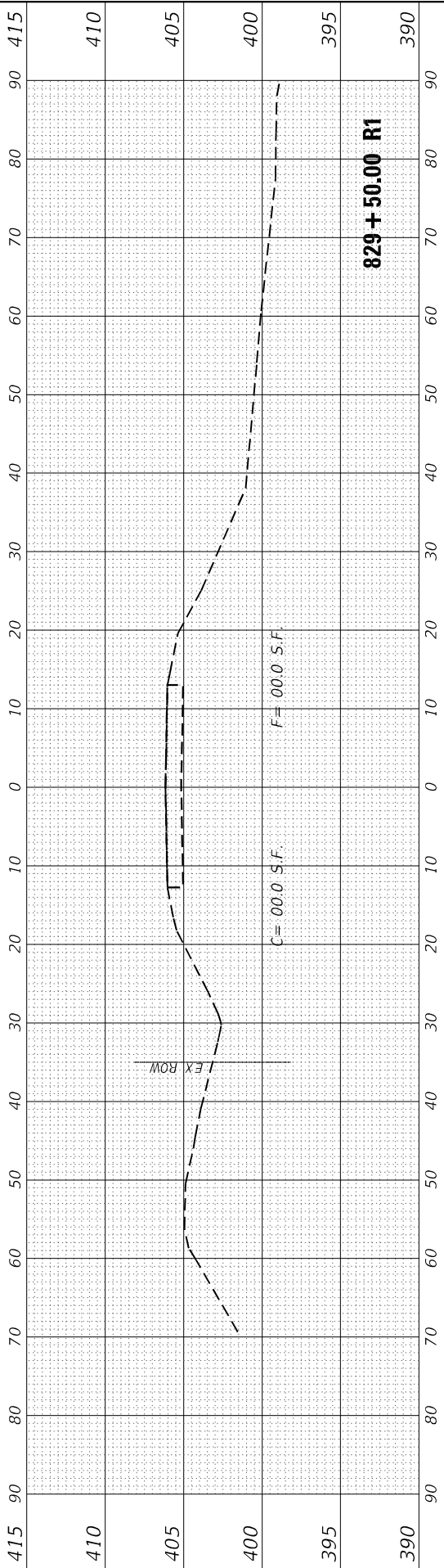
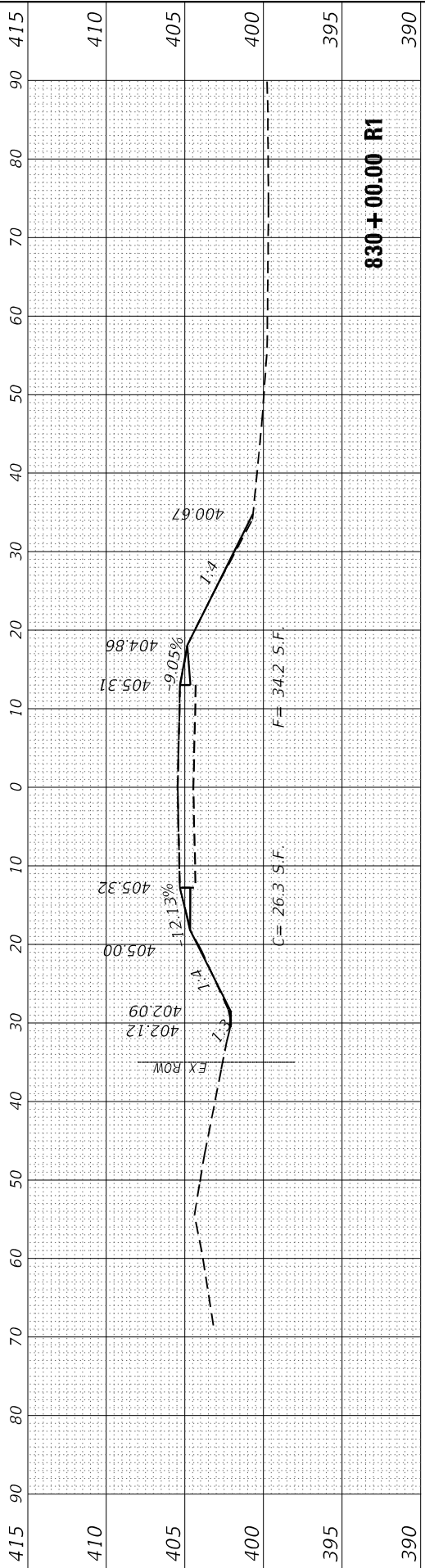
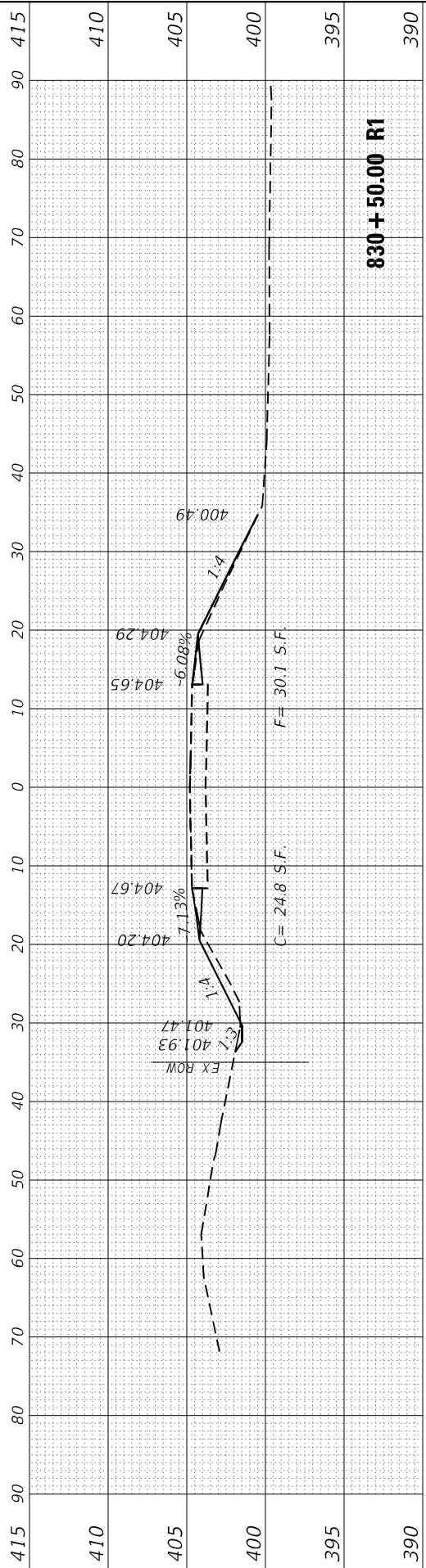
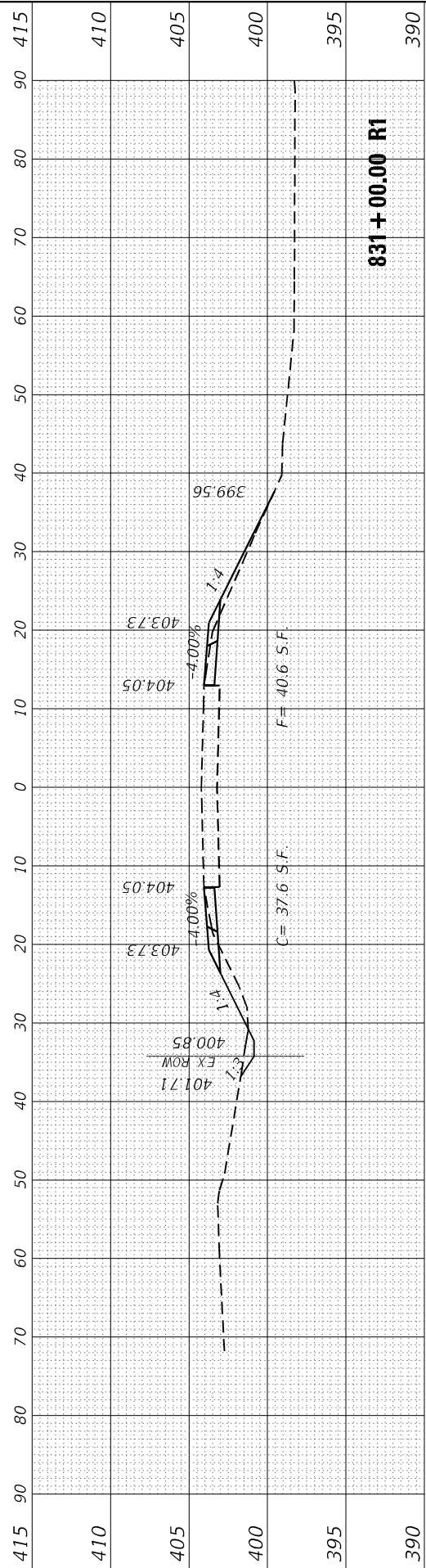
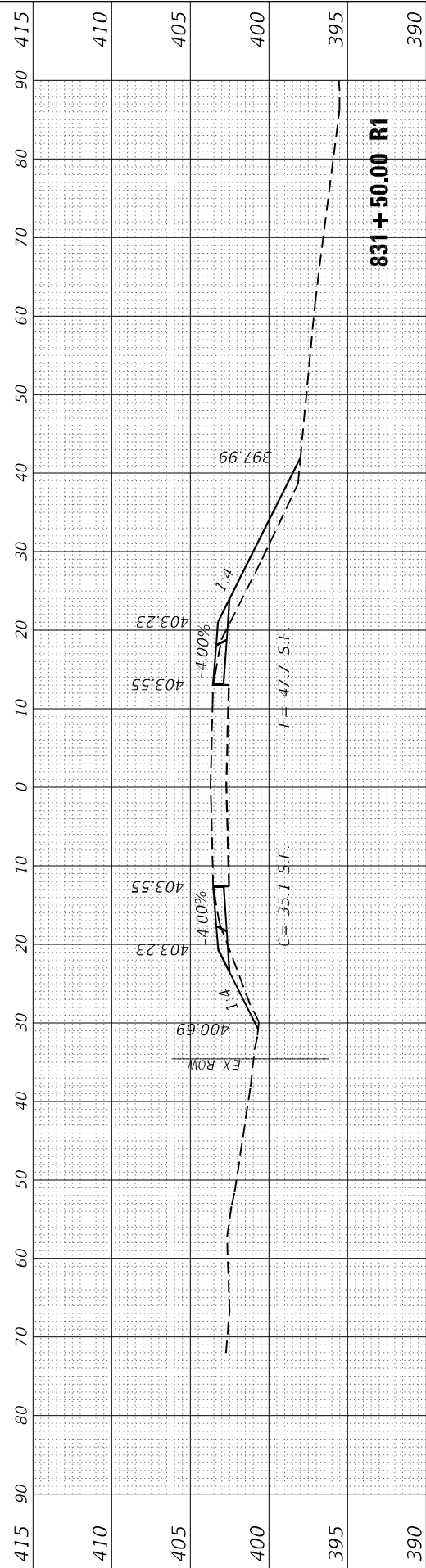
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 5'V : 10'H	SHEET 68 OF 80 SHEETS	STA. 829+50.00 TO STA. 831+50.00
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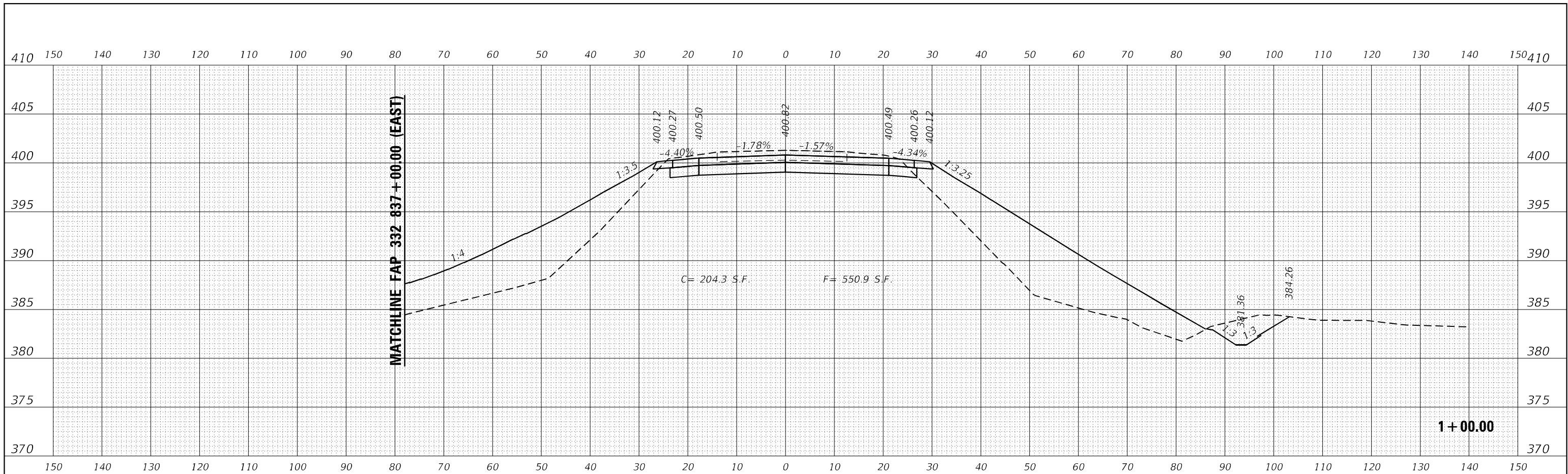
FAP 332
CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	153
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

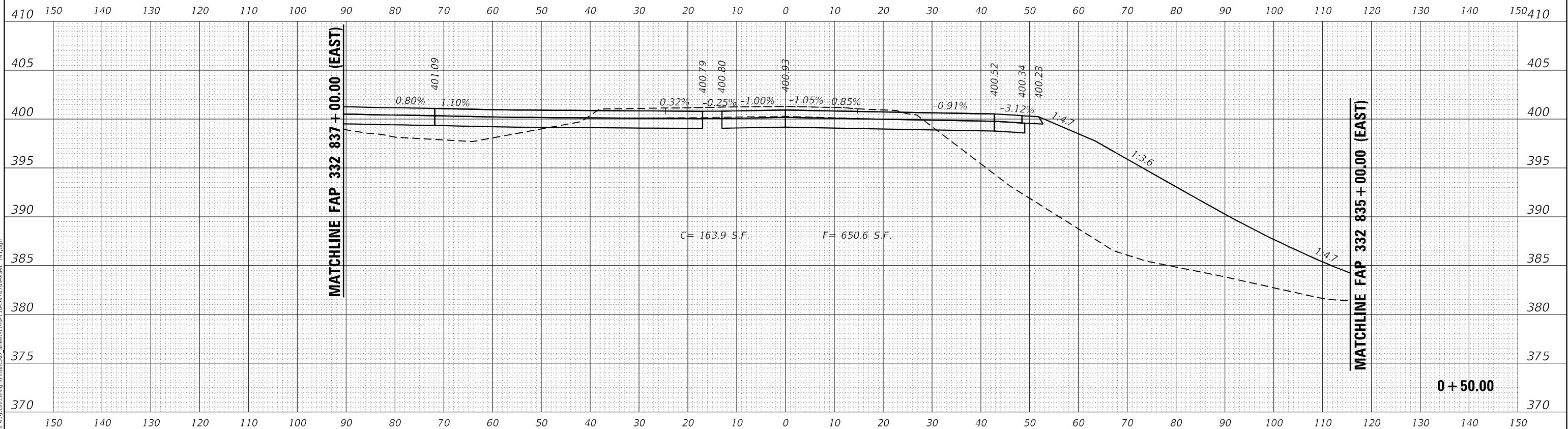
* WHITE/ GALLATIN



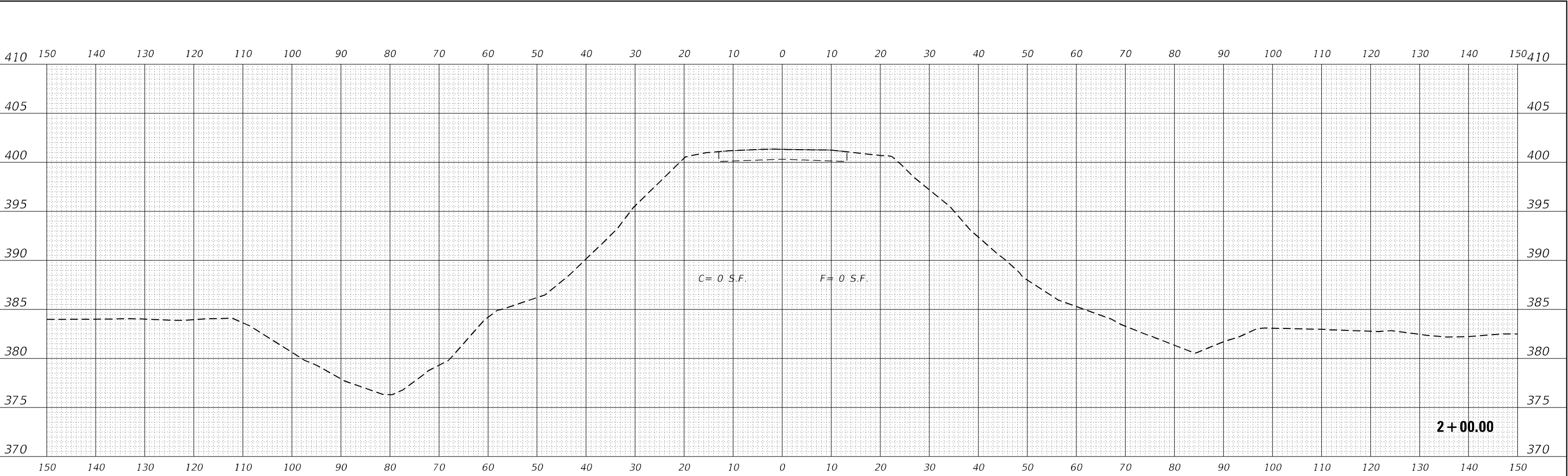
FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



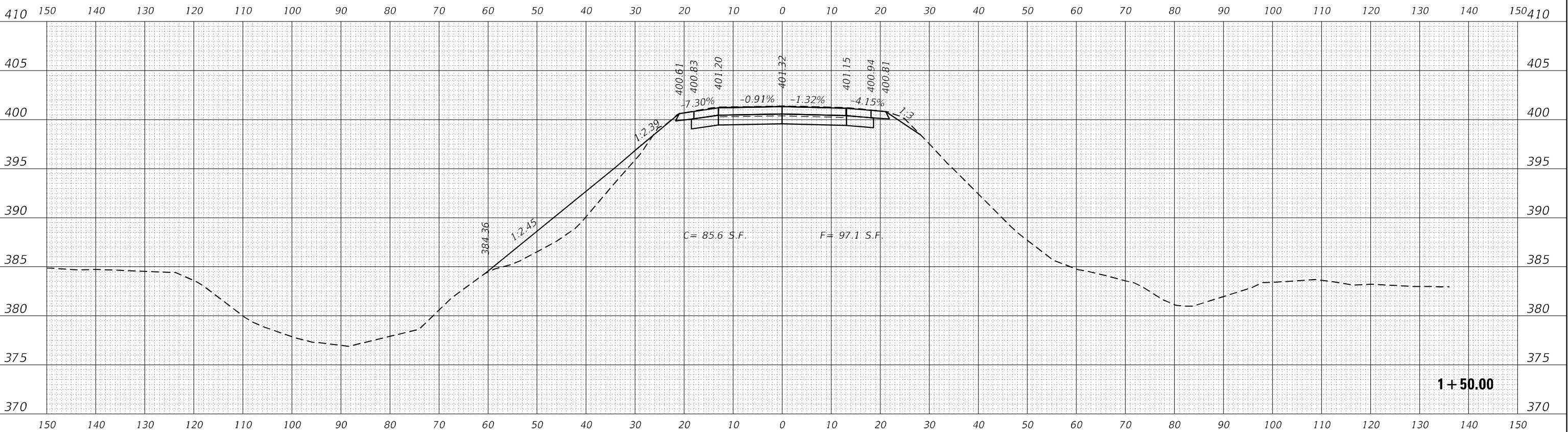
ORIGINAL SURVEY		BY _____	DATE _____
NOTE BOOK	SURVEYED _____		
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FINAL SURVEY	SURVEYED NOTE BOOK NO.	BY	DATE



ORIGINAL SURVEY	SURVEYED NOTE BOOK NO.	BY	DATE



MODEL IL 141 XSC Sheet
FILE NAME: 2/200631 & US 450CND\Design\Final\CAO Sheets\142-142-142-142-141.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - SJF	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 141
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 70 OF 80 SHEETS STA. 1+50.00 TO STA. 2+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	155
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN

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

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

MODEL: Pr_A 100_LD5_1
FILE NAME: 2/20063_18 US 45DCNDesign\Final\CAO Sheets\151-152-1978789XS-A100.dgn

EFK Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - SJF	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

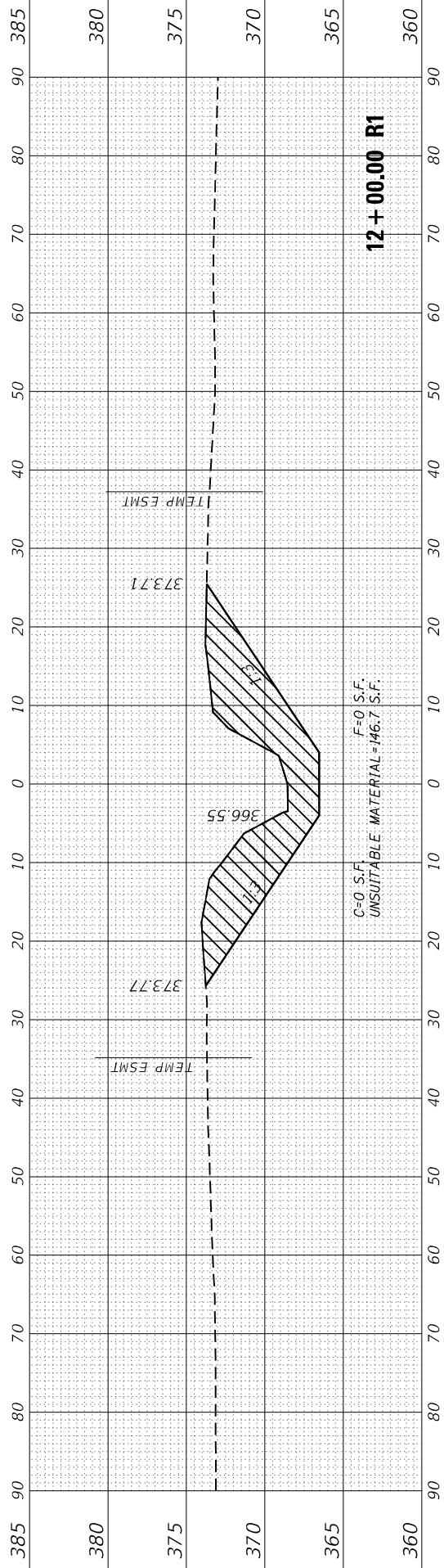
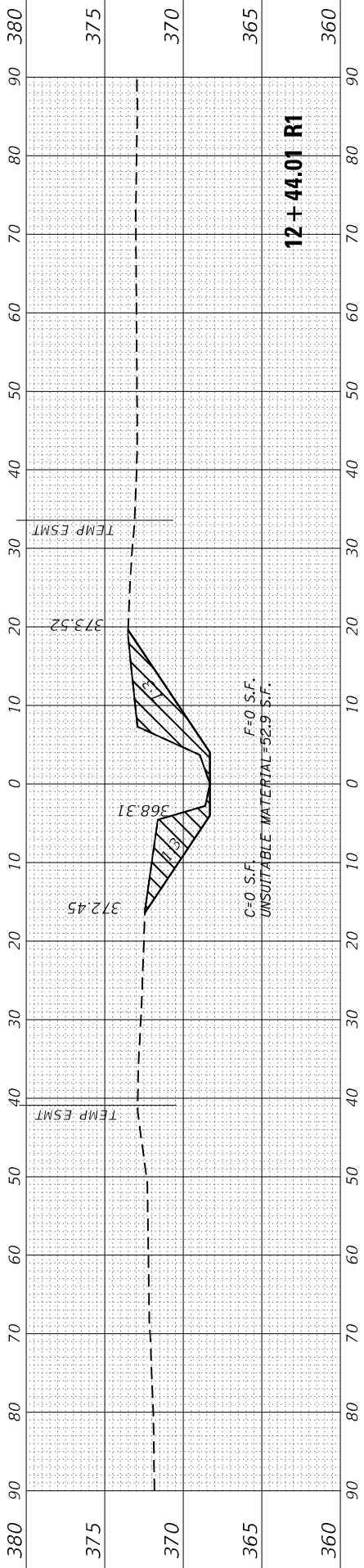
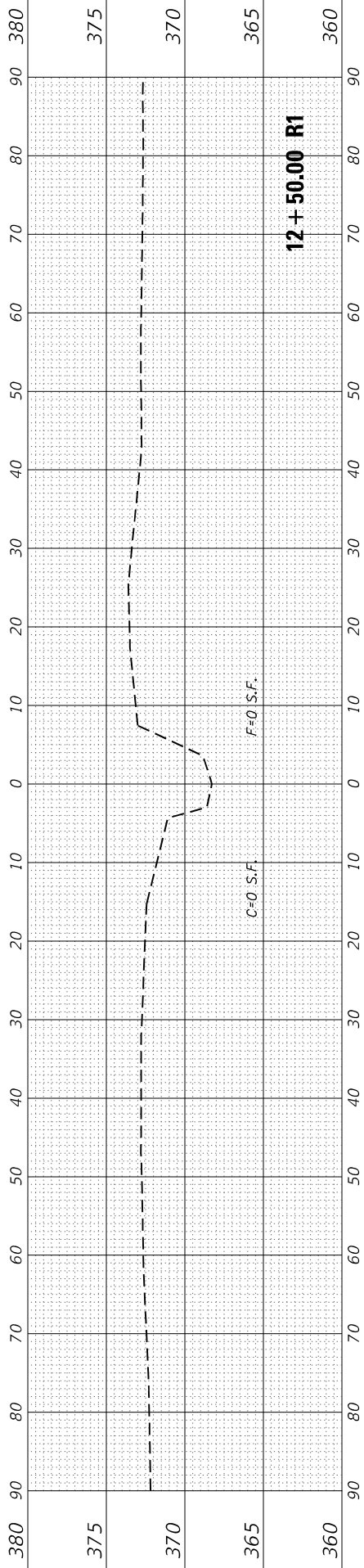
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 A100
CROSS SECTIONS

SCALE: 5"V : 10"H SHEET 72 OF 80 SHEETS STA. 12+00.00 TO STA. 12+50.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	157
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



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

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

MODEL E100 XSC 51r
FILE NAME: 2300631_8 US 450GNDDesignFinalCAD_Sheets132-2978789-5-100.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= ZWaters
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 2/28/2025

DESIGNED	- SJF
DRAWN	- ZJW
CHECKED	- SLD
DATE	- 2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

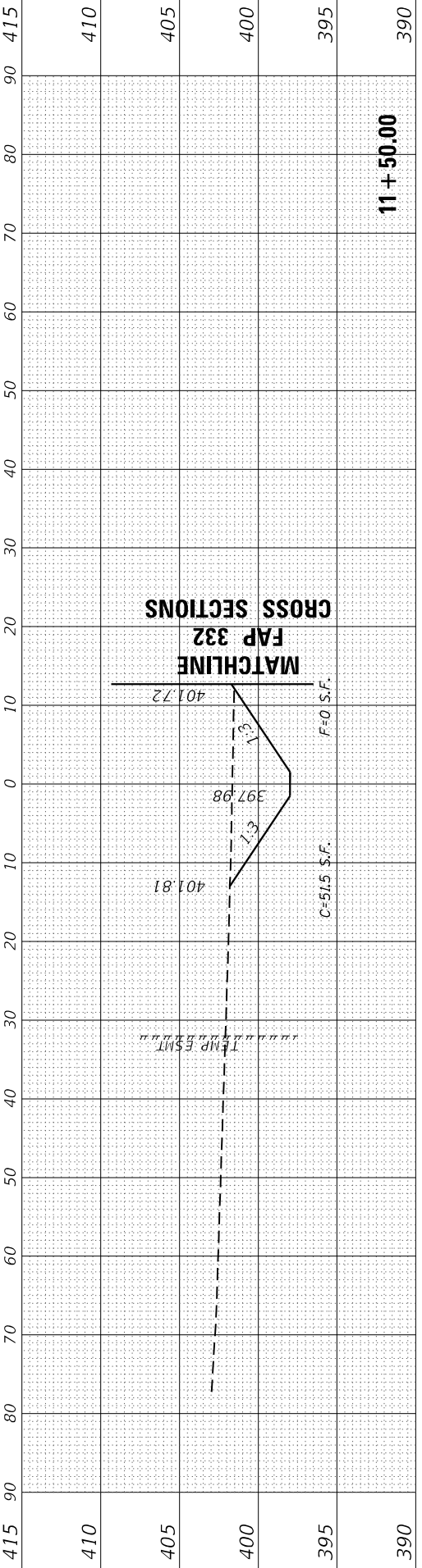
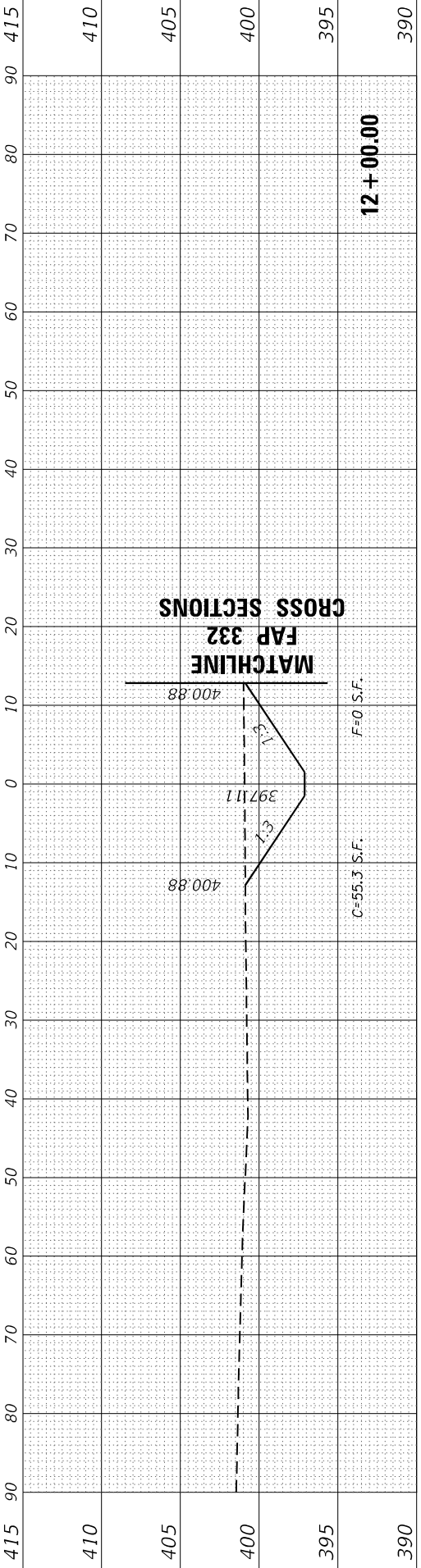
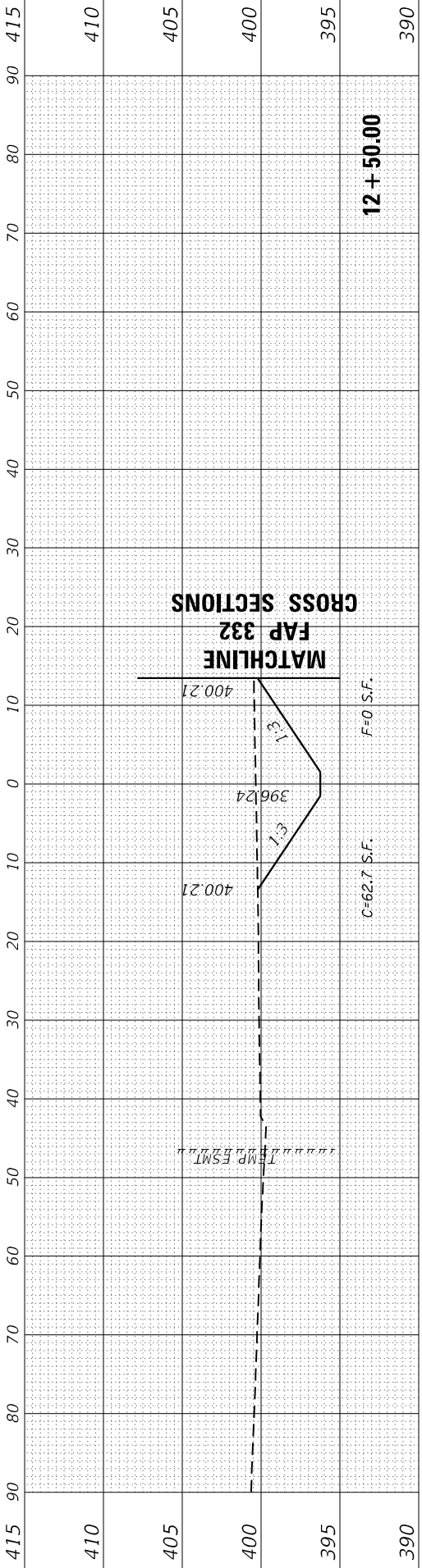
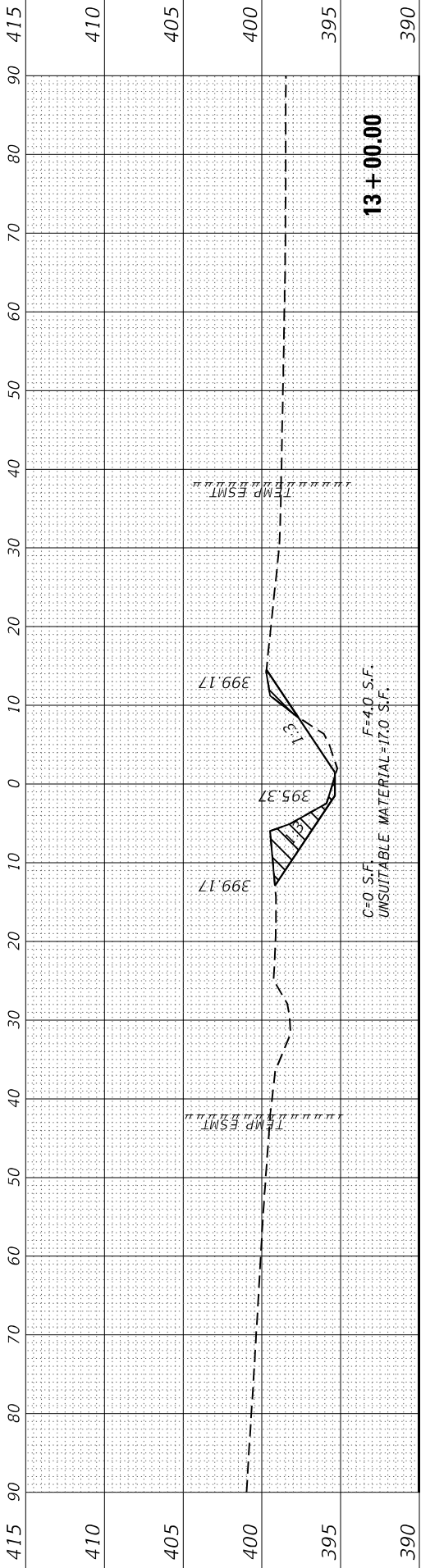
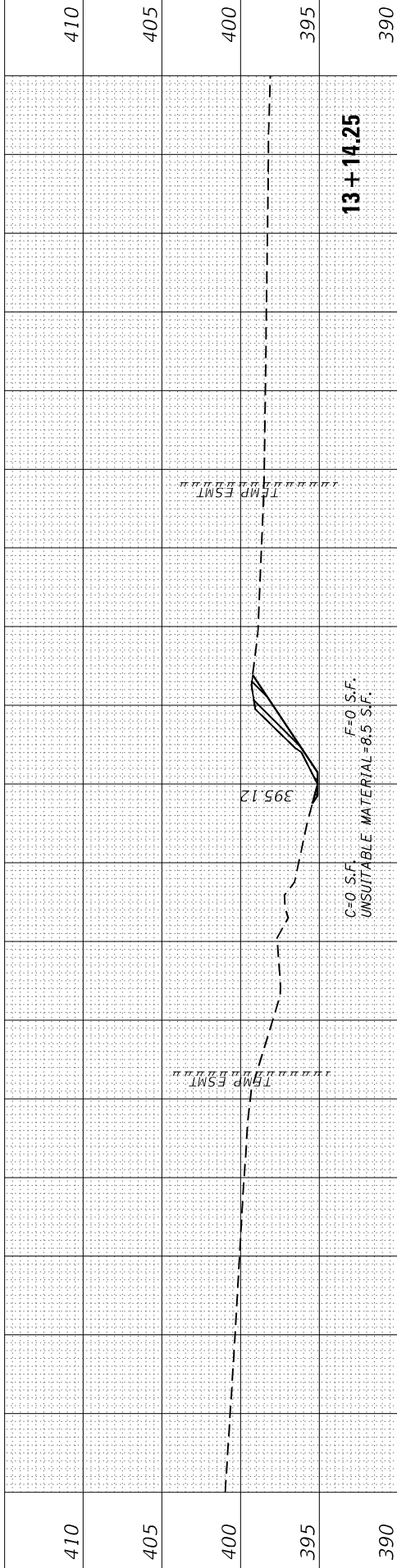
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 5"V : 10"H SHEET 73 OF 80 SHEETS STA. 0+30.06 TO STA. 1+30.06

US45 E100
CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	158
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN



MODEL F100 X3C Sheet
FILE NAME: 2300031_8 US 450GNDDesignFinalCAD Sheets15429727825454 100.dgn

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

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

EFK•Moen
Civil Engineering Design

USER NAME	= ZWaters
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 2/28/2025

DESIGNED	- SJF
DRAWN	- ZJW
CHECKED	- SLD
DATE	- 2/28/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

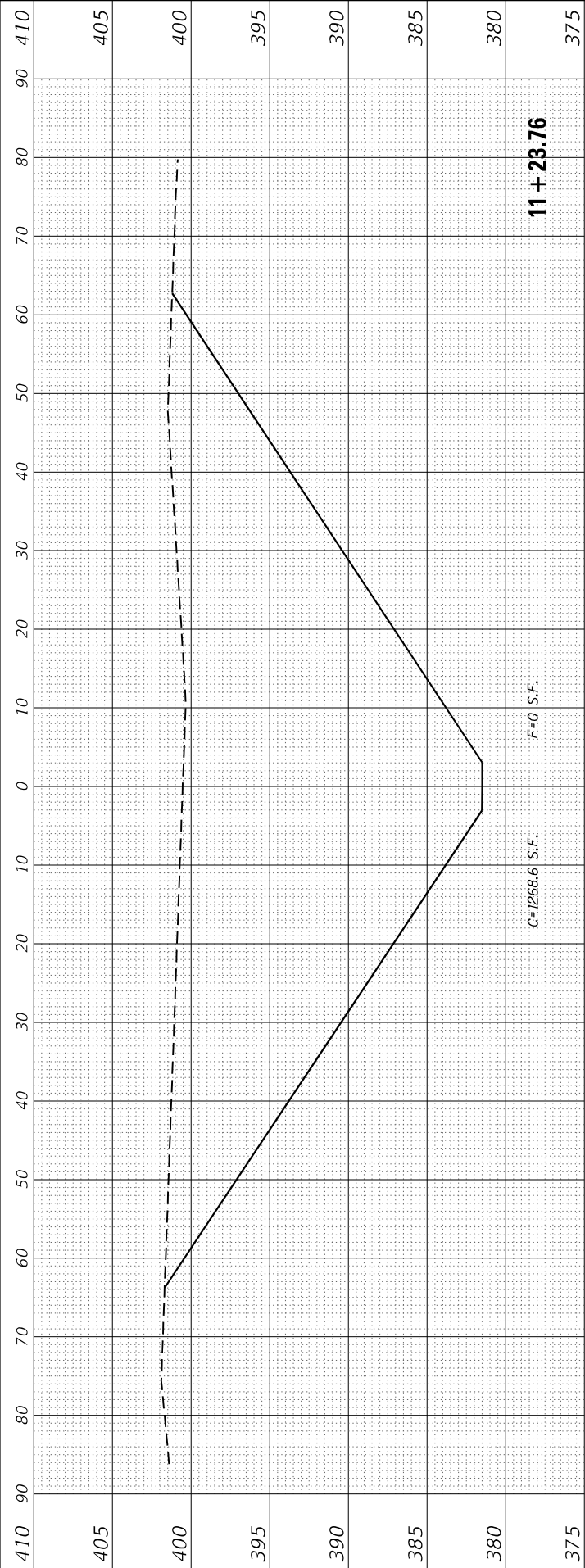
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US45 F100
CROSS SECTIONS

SCALE: 5'V : 10'H	SHEET 74 OF 80 SHEETS	STA. 0+30.06 TO STA. 1+30.06
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	159
** 332 / 877			CONTRACT NO. 78789	
ILLINOIS			FED. AID PROJECT	

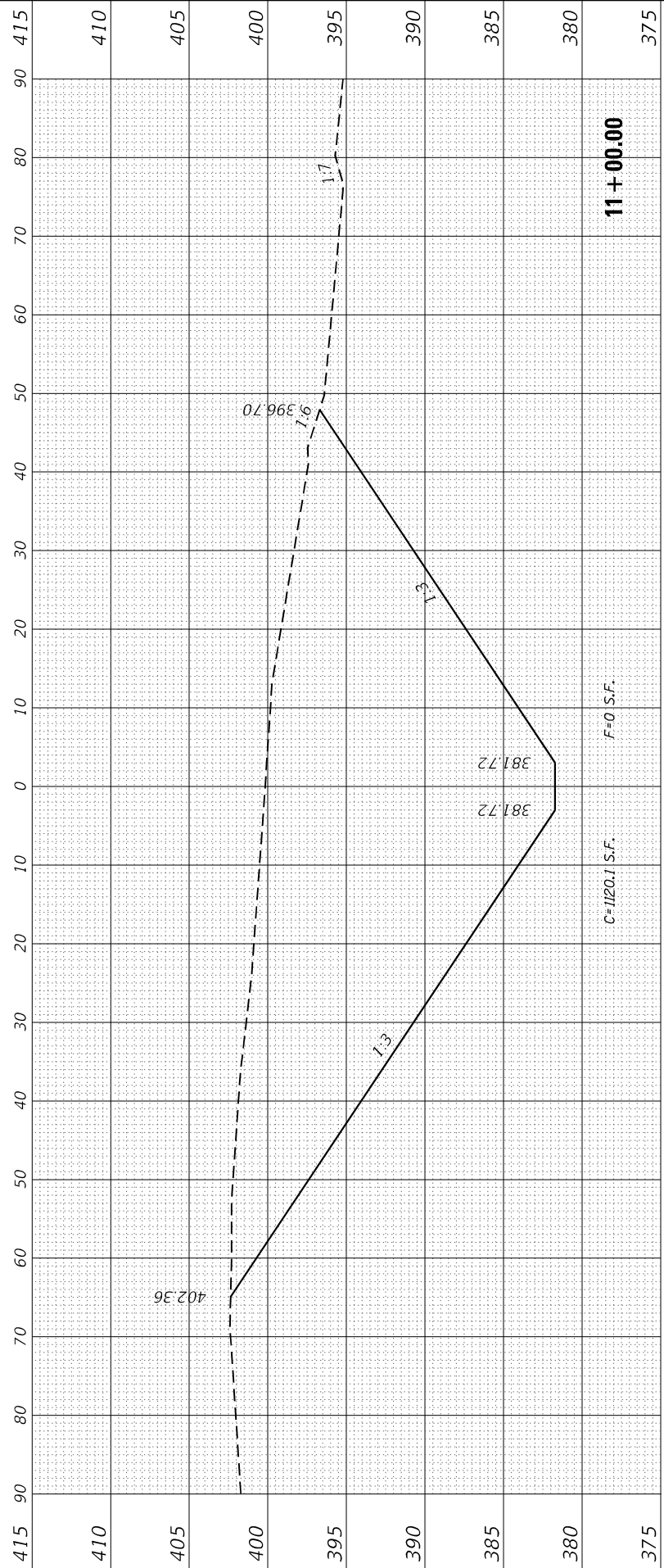
* WHITE/ GALLATIN



11 + 23.76

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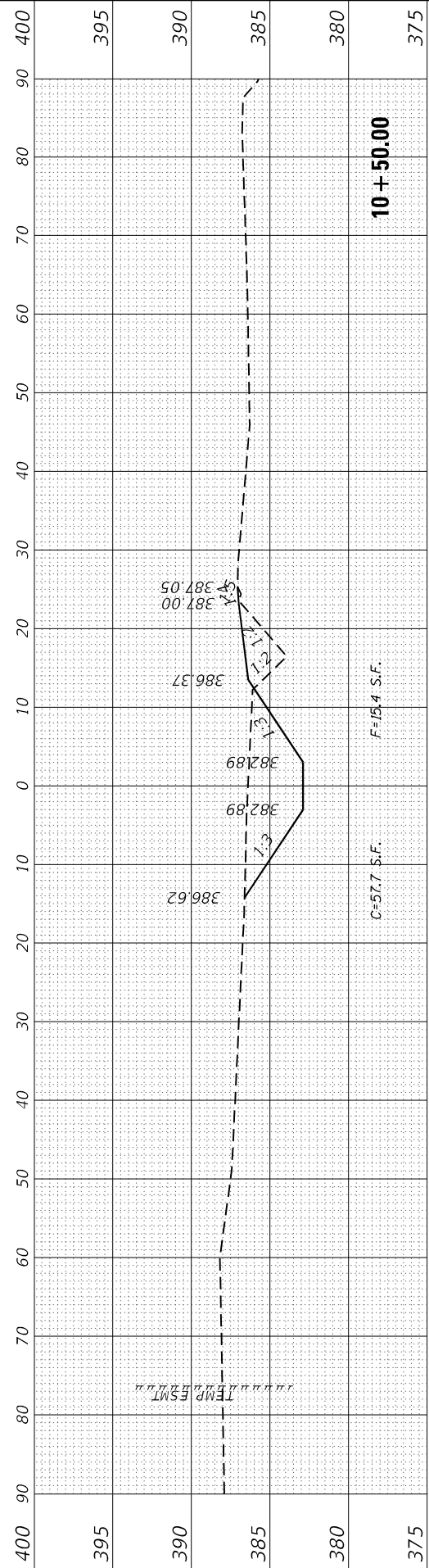
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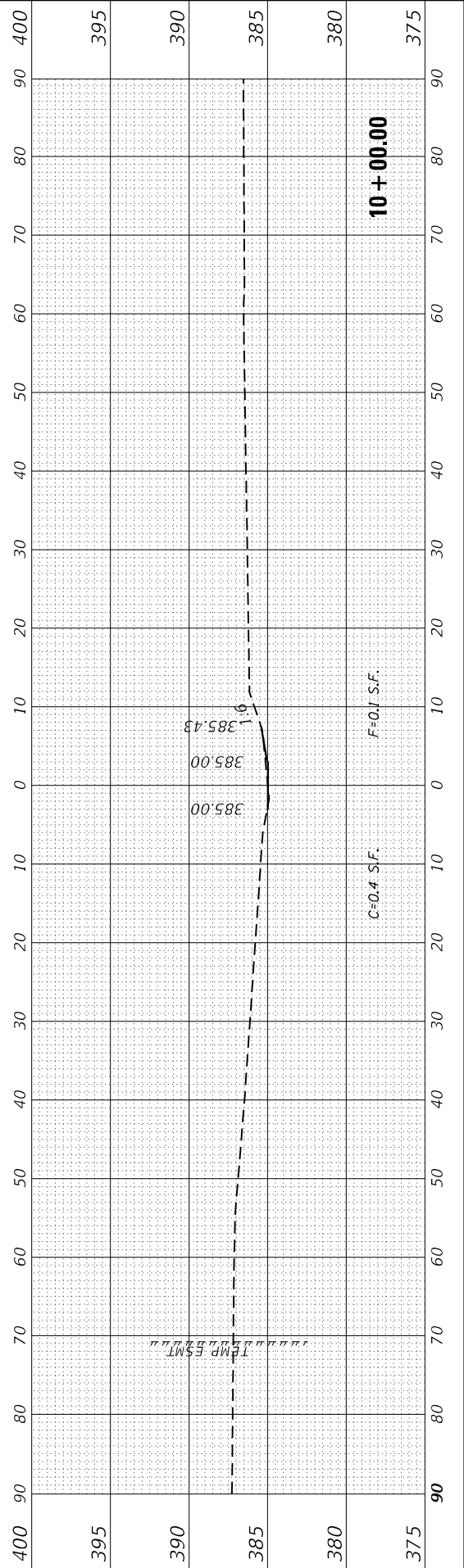
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10 + 50.00

F=15.4 S.F.

C=57.7 S.F.

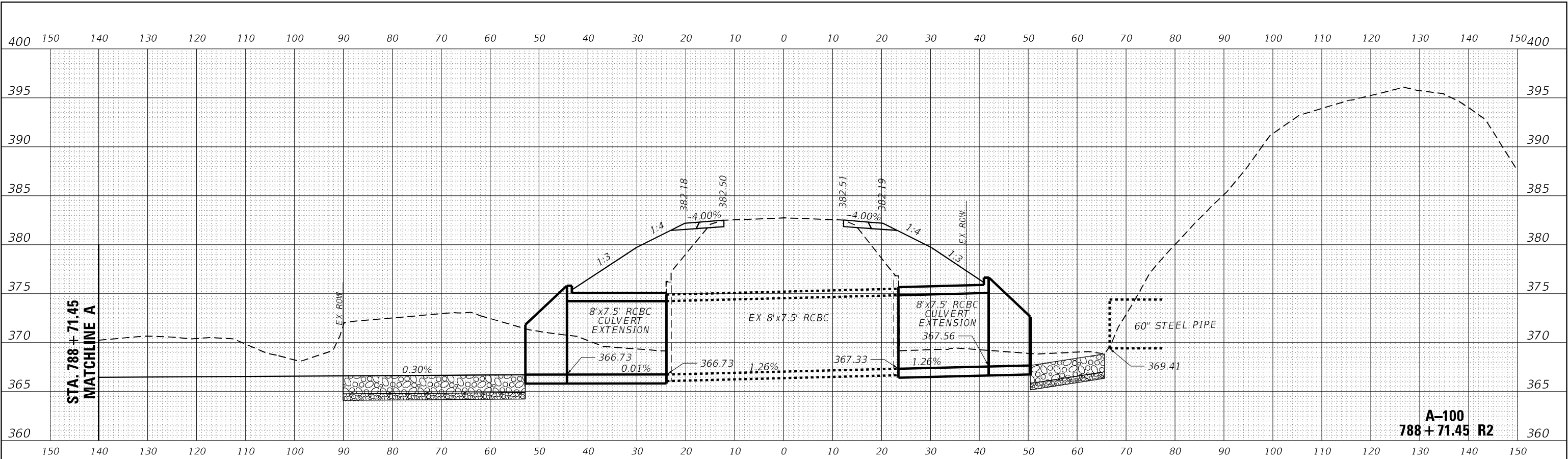


10 + 00.00

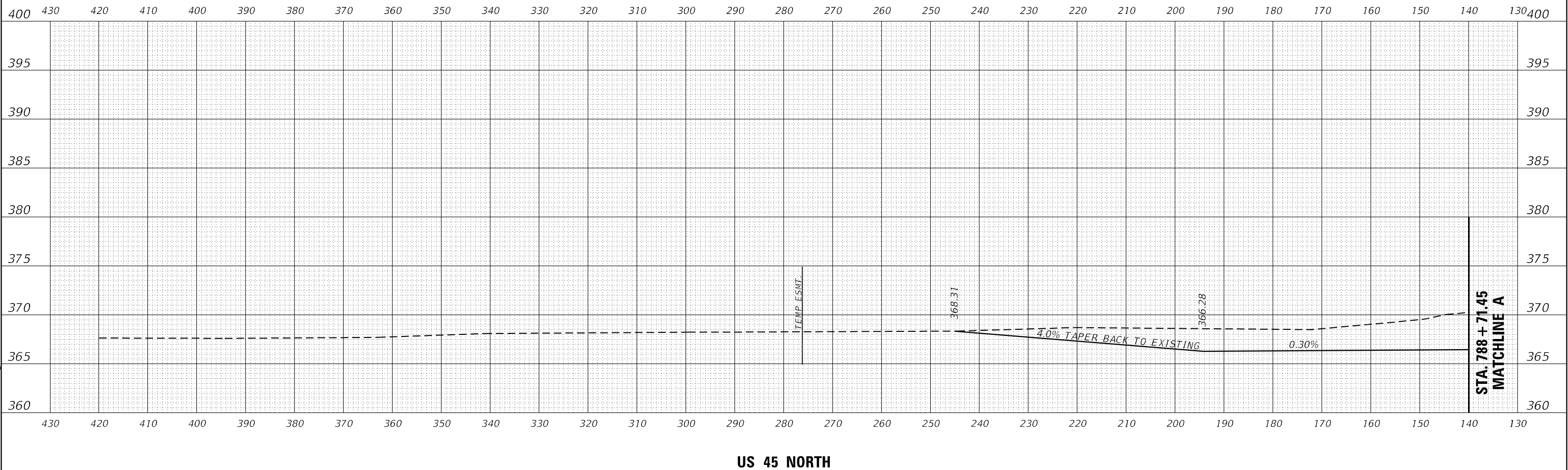
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C=0.4 S.F.

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



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



US 45 NORTH

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
DRAINAGE CROSS SECTIONS

SCALE: 10'H:5'V SHEET 75 OF 80 SHEETS STA. 788+71.45

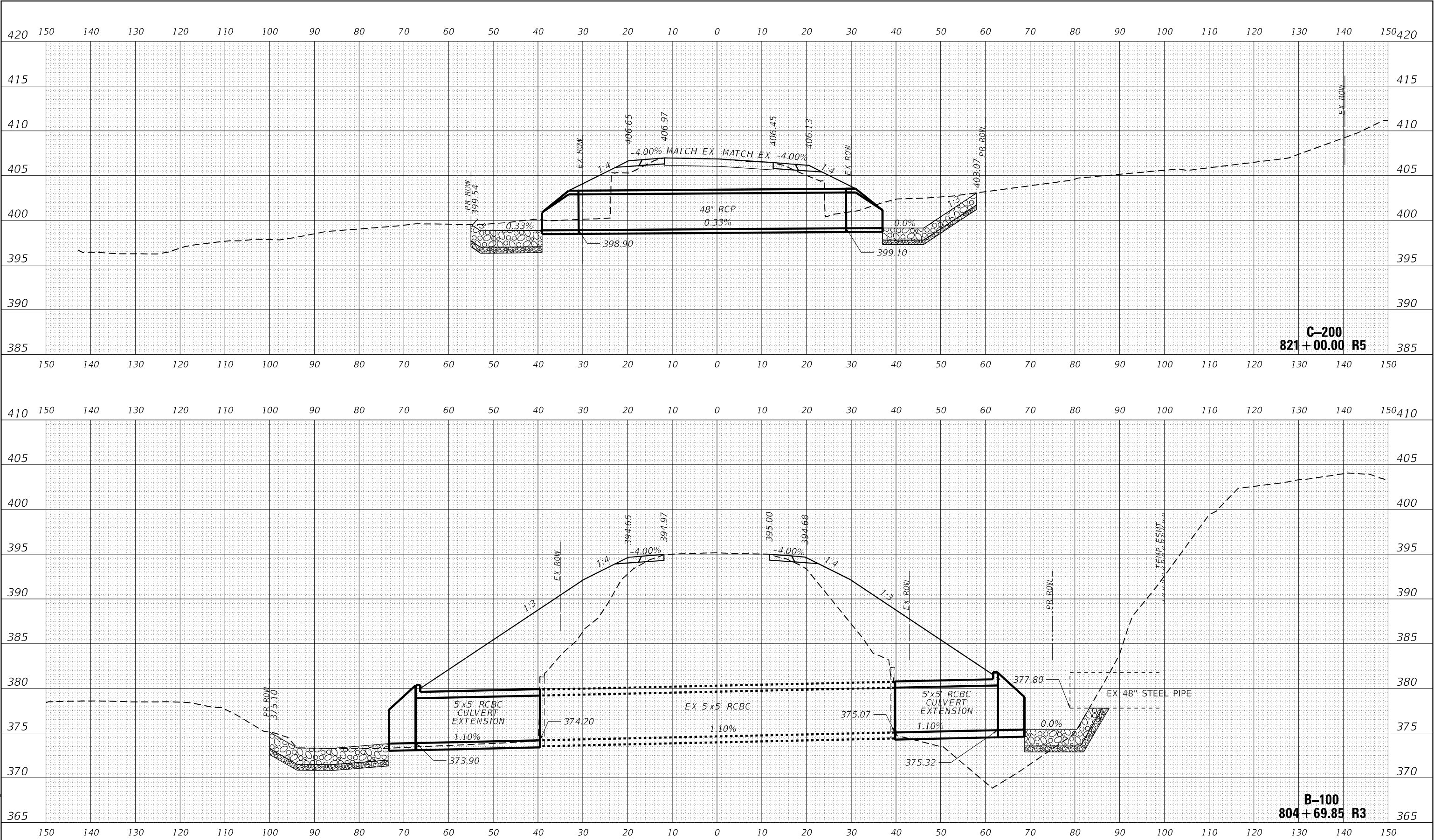
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	160
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN

FINAL SURVEY	NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

MODEL B-100 and C-200
FILE NAME: 2-2006318 US 45DCNDesignFinalCAD Sheets155-166-1978789-AS-CULVERT5.dgn



US 45 NORTH

EFK Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
DRAINAGE CROSS SECTIONS

SCALE: 10'H:5'V	SHEET 76 OF 80 SHEETS	STA. 804+69.85 AND STA. 821+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	161
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

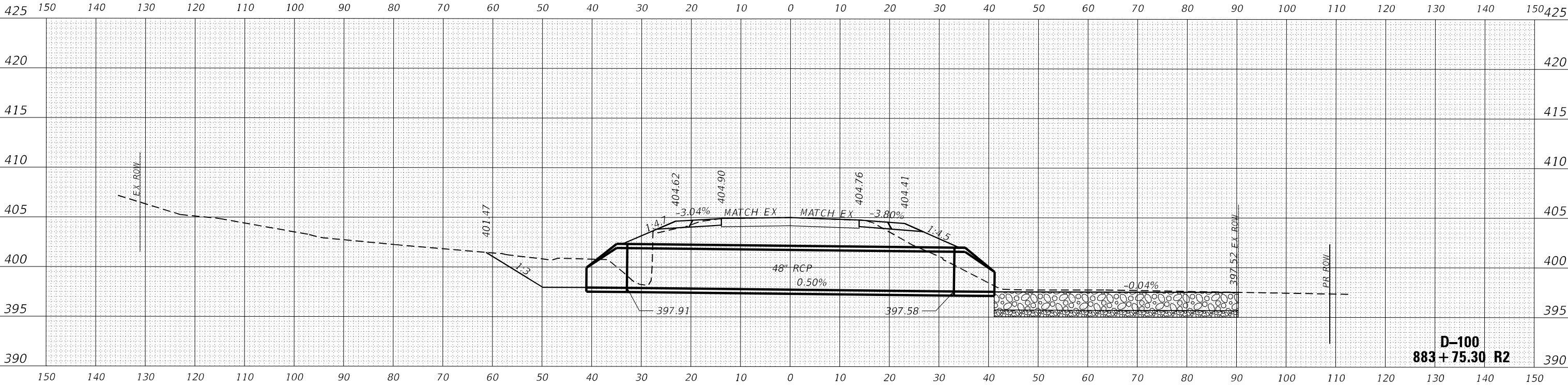
* WHITE/ GALLATIN

WEST

EAST

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

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



US 45 SOUTH

EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

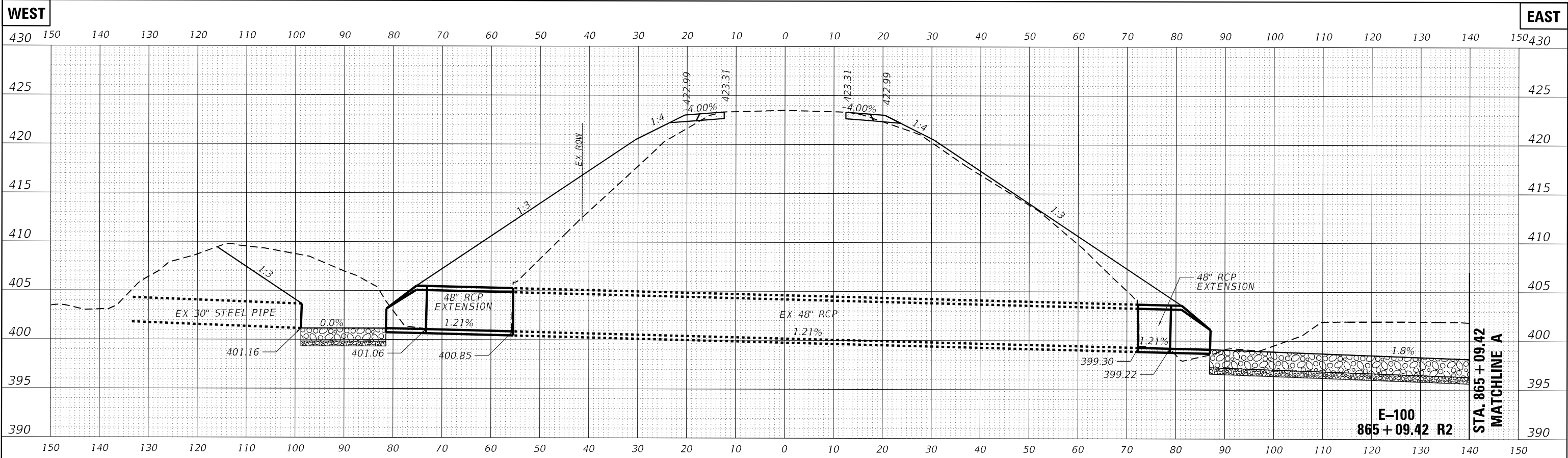
FAP 332
DRAINAGE CROSS SECTIONS

SCALE: 10'H:5"V SHEET 77 OF 80 SHEETS STA. 883+75.30

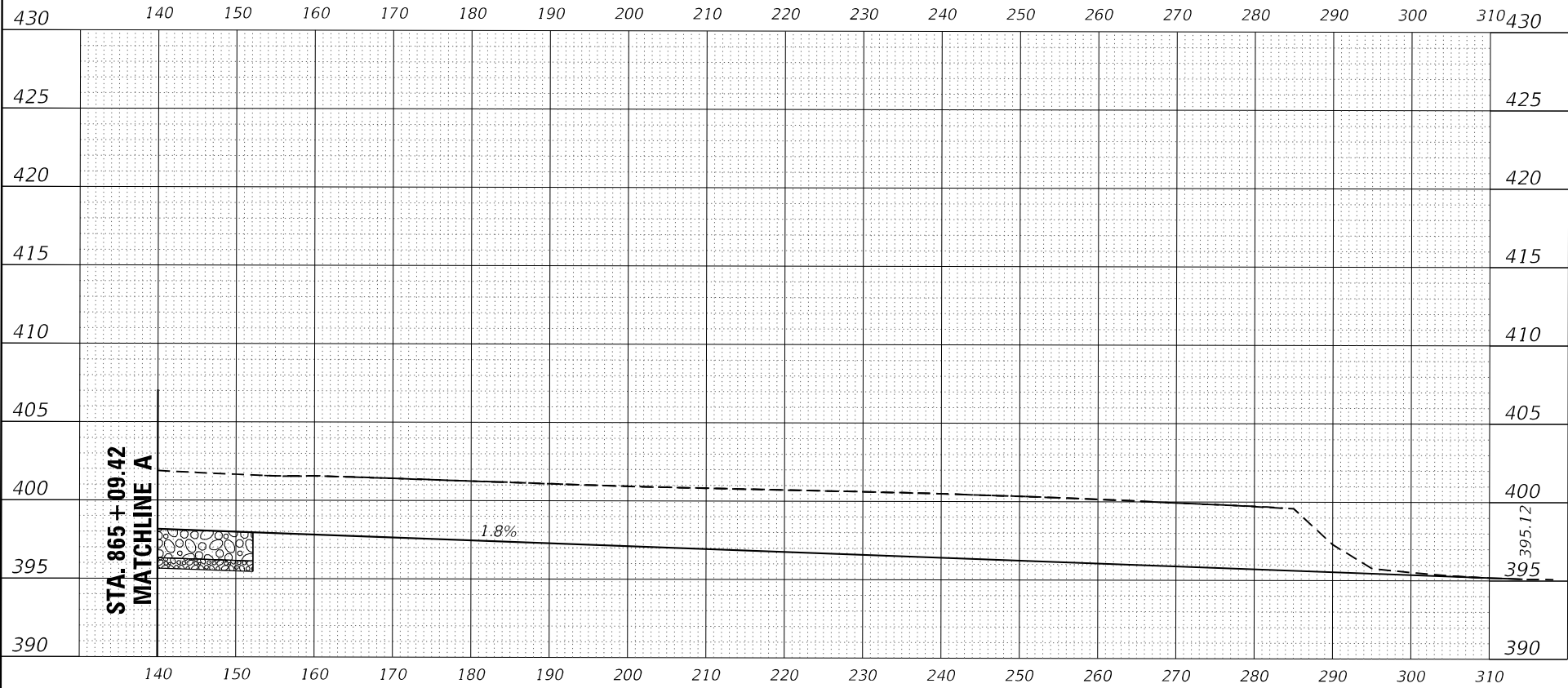
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	162
** 332 / 877		CONTRACT NO. 78789		
		ILLINOIS	FED. AID PROJECT	

* WHITE/ GALLATIN

FINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE	NO.



ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE	NO.



US 45 SOUTH

EFK Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 20,000' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
DRAINAGE CROSS SECTIONS

SCALE: 10'H:5'V SHEET 78 OF 80 SHEETS STA. 865+09.42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	163
** 332 / 877		CONTRACT NO. 78789		

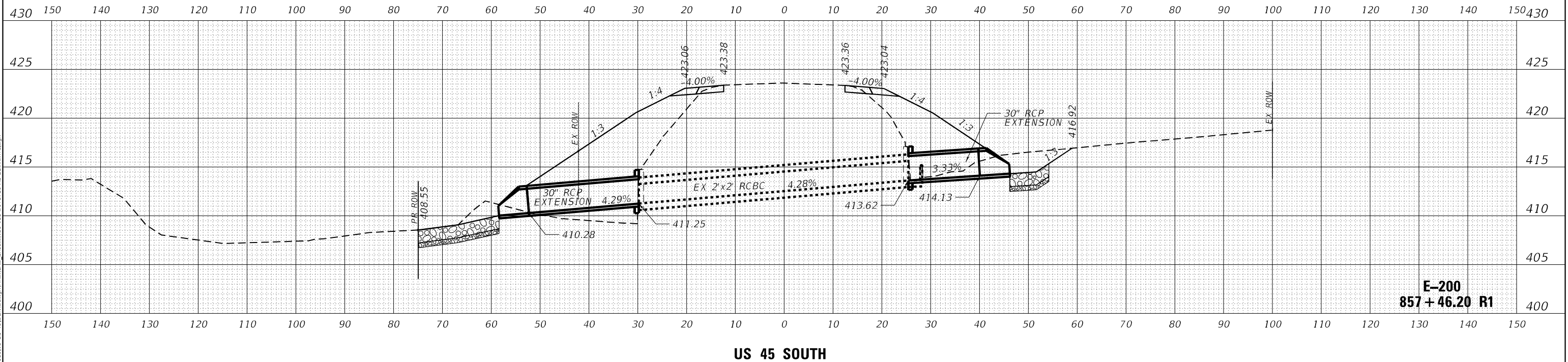
ILLINOIS FED. AID PROJECT
~ WHITE/ GALLATIN

WEST

FAST

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

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



EFK♦Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED - _____
	DRAWN - AEH	REVISED - _____
PLOT SCALE = 20,000' = 1 in.	CHECKED - <u>SJD</u>	REVISED - _____
PLOT DATE = 3/3/2025	DATE - 3/3/2025	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332

DRAINAGE CROSS SECTIONS

SCALE: 10'H:5'V	SHEET 79 OF 80 SHEETS	STA. 857+46.20
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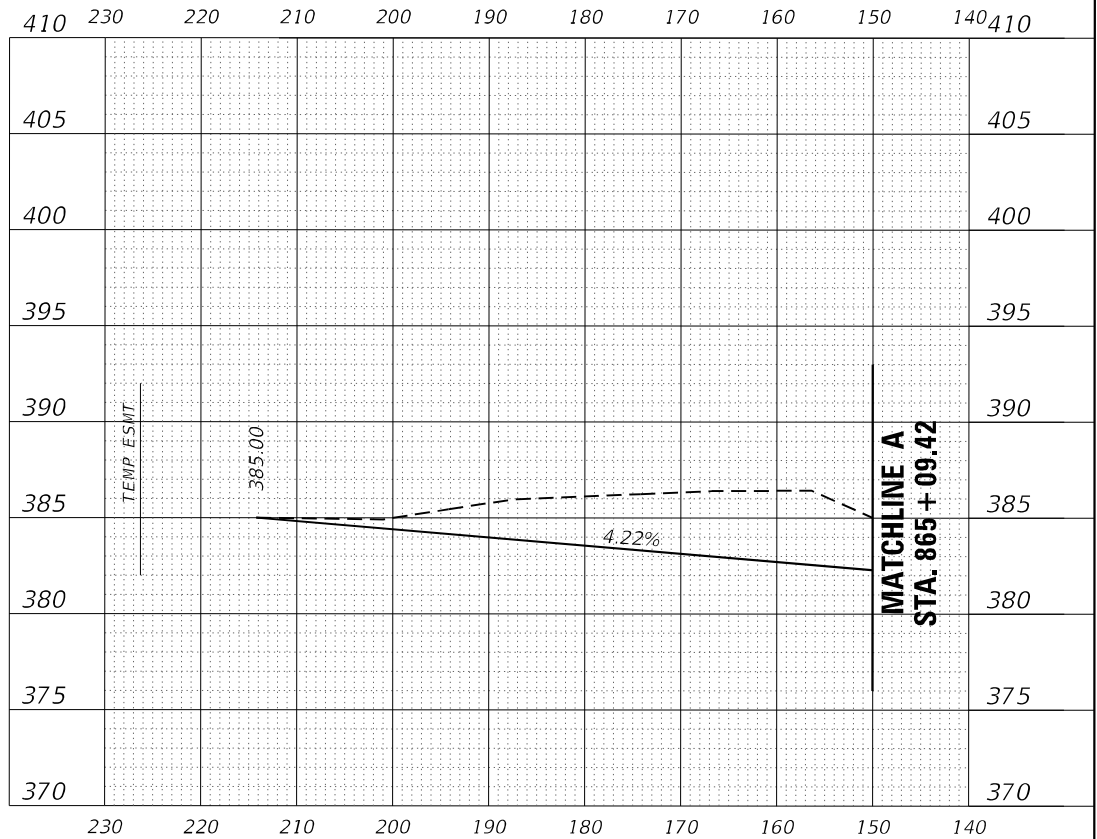
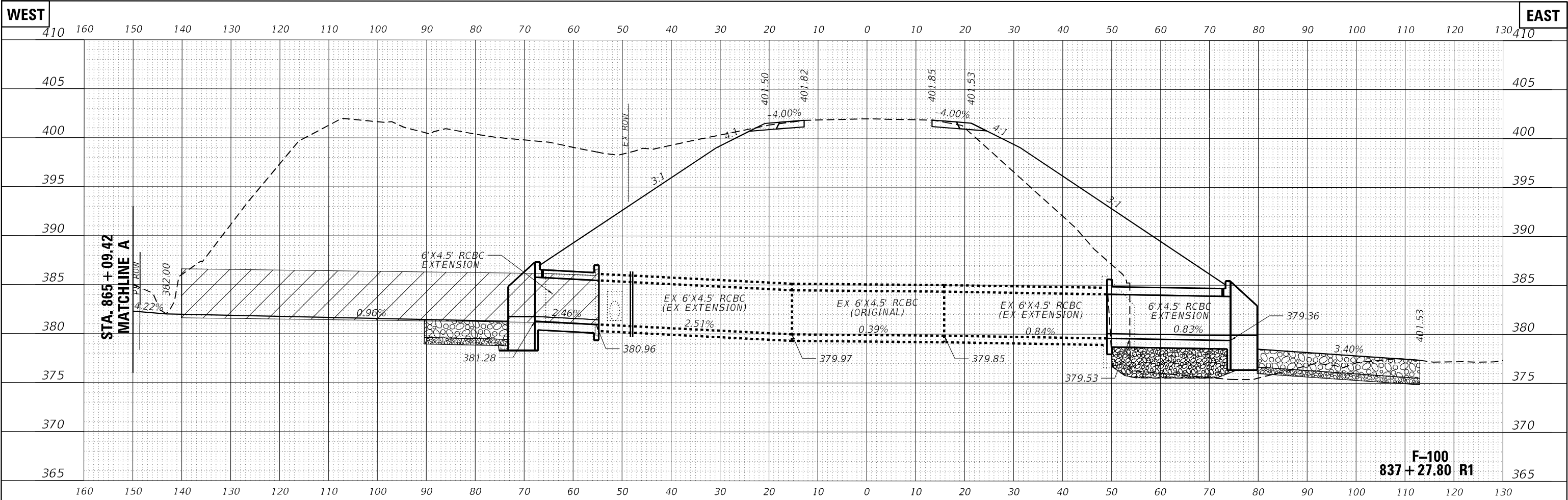
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	28,29,100,101-2(SR-1)	*	165	164
** 332 / 877		CONTRACT NO. 78789		
ILLINOIS		FED. AID PROJECT		

WHITE/ GALLATIN

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

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

MODEL: F100
FILE NAME: 2-13-2006-3.18 US 45 DGM Design-Final CAD Sheets-155-160-097878-XS-CULVERTS.dgn



US 45 SOUTH

EFK Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - SJF	REVISED -
	DRAWN - AEH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SLD	REVISED -
PLOT DATE = 2/28/2025	DATE - 2/28/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 332
DRAINAGE CROSS SECTIONS

SCALE: 10'H:5"V SHEET 80 OF 80 SHEETS STA. 865+09.42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(28,29,100,101-2)SR-1,N-1	*	165	165
** 332 / 877			CONTRACT NO. 78789	
ILLINOIS		FED. AID PROJECT		

* WHITE/ GALLATIN