

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7)RS-3	FRANKLIN	94	1
		ILLINOIS	CONTRACT NO. 78943	

06-13-2025 LETTING ITEM 138

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

D-99-037-22

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-12

PROPOSED HIGHWAY PLANS

FAP ROUTE 853 (IL 14)
SECTION (5,6,7)RS-3

TRAFFIC DATA

IL 14 (WITHIN BENTON, IL)
FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL

2025 ADT = 5,100
SU = 3.6%
MU = 1.4%

IL 14 (EAST OF BENTON, IL)
FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL

2025 ADT = 3,420
SU = 5.4%
MU = 4.2%

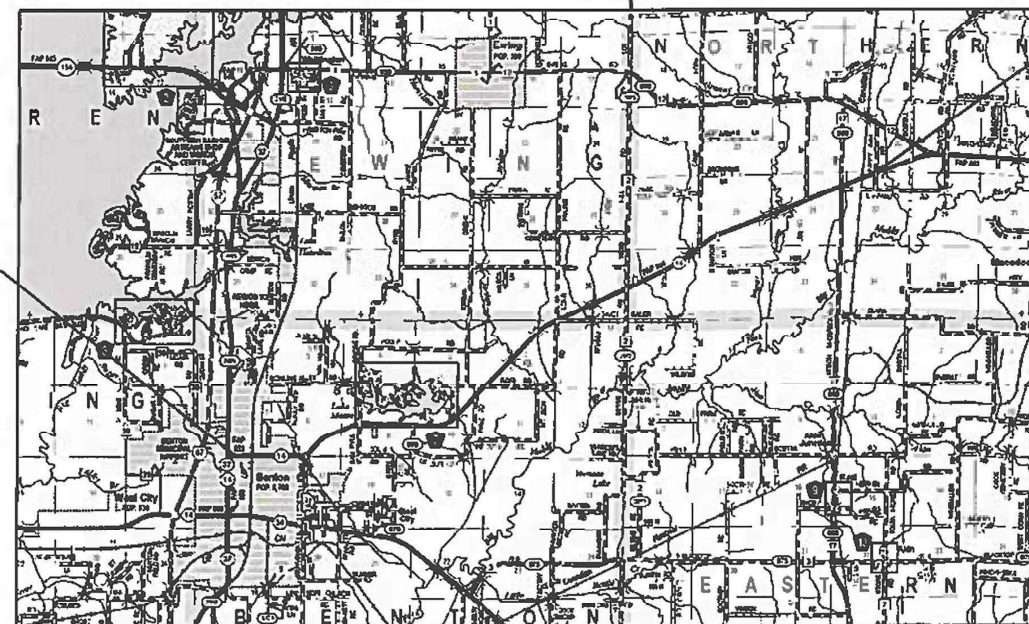
ADDITIONAL LANE & RESURFACING FRANKLIN COUNTY

C-99-050-22

TOWNSHIPS

BENTON
EWING
NORTHERN

BEGIN IMPROVEMENTS
STA. 0+24.87



END IMPROVEMENTS
STA. 521+00.00

LOCATION OF SECTION INDICATED THUS: -



DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : NAD 83 IL EAST
POSTED SPEED : 40 /55 MPH

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

PROJECT ENGINEER: VALERIE ROLLA, P.E.

CONTRACT NO. 78943

LOCATION MAP (NOT TO SCALE)

EQ STA 31+11.20 (BK) = STA -0+40.50 (AH)
EQ STA -0+00 (BK) = STA 0+00 (AH)
EQ STA 30+30.80 (BK) = STA 30+32.90 (AH)
EQ STA 49+63.30 (BK) = STA 49+62.80 (AH)

EQ STA 78+95.90 (BK) = STA 78+98.46 (AH)
EQ STA 208+00.00 (BK) = STA 207+66.30 (AH)
EQ STA 351+31.20 (BK) = STA 351+27.20 (AH)

GROSS LENGTH = 55,392 FT. = 10.49 MILES
NET LENGTH = 54,574 FT. = 10.34 MILES

CMT
Civil Engineering Design

EFK Moen
Civil Engineering Design

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 9 20 25

Rona S. Roman
REGION FIVE ENGINEER

May 9 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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SIGNATURE: Shelley L. Dintelman
DATE SIGNED: 03/10/2025
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 1-29, 34-39, 44-47, 65-73, AND 75-94.

EFK•Moen
Civil Engineering Design



SIGNATURE: James M. Michael
DATE SIGNED: 03/10/2025
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 30-33, 40-43, 48-64, AND 74.



Prepared By: Susan Poe
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carla
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Z. C. [Signature]
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: B. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: Ann Hays
DISTRICT MATERIALS ENGINEER

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Civil Engineering Design

USER NAME = ahevdejs	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 3/10/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
SIGNATURE SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5.6.7) RS-3	FRANKLIN	94	2
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
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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
406201-01	MAILBOX TURNOUT
420001-10	PAVEMENT JOINTS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
602301-04	INLET TYPE A
602306-03	INLET TYPE B
602401-07	PRECAST MANHOLE TYPE A 4 FT (1.22M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT (4.5M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15 FT (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
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

COMMITMENTS

NONE

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER	EXISTING FILL HEIGHT OVER BOX CULVERT	MAXIMUM CROSS WEIGHT RESTRICTIONS	MTD CROSSING RESTRICTION
SN 028-7049	N/A	40 TONS	MTD UNLOADED

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

ALL AGGREGATE

RIPRAP

2.016 TONS/CU. YD.

2.05 TONS/CU. YD.

1.50 TONS/CU. YD.
2. THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.
3. TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
4. 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.
5. HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
6. LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE
7. WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDERS
8. CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.
9. VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF THE CITY OF BENTON.
10. INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT.
11. REVISE STANDARD SPECIFICATIONS ARTICLE 107.12, PARAGRAPH 5, LAST SENTENCE TO READ: 'ALL OTHER RAILROAD FLAGGER COSTS WILL BE INCURRED BY THE DEPARTMENT ACCORDING TO ARTICLE 109.05.'

HMA MIXTURE REQUIREMENT TABLE

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix D
Mixture Weight:	112 LBS./SQ Yd/in
Quality Management Program:	PFP
Sublot Size:	1000
Material Transfer Device	Yes

Locations	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
PG64-22	PG64-22
Design Air Voids:	4.0%, 70 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 LBS./SQ Yd/in
Quality Management Program:	PFP
Sublot Size:	1000
Material Transfer Device	Yes

Locations	Hot-Mix Asphalt Shoulders, Incidental Hot-Mix Asphalt Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
PG64-22	PG64-22
Design Air Voids:	4.0%, 30 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 LBS./SQ Yd/in
Quality Management Program:	QCQA
Sublot Size:	3000
Material Transfer Device	No

Locations	Temporary Pavement
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
PG64-22	PG64-22
Design Air Voids:	4.0%, 30 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	Mix C
Mixture Weight:	112 LBS./SQ Yd/in
Quality Management Program:	QCQA
Sublot Size:	3000
Material Transfer Device	No

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
20200100	EARTH EXCAVATION	CU YD	1300	1300	0
20400800	FURNISHED EXCAVATION	CU YD	45	45	0
20800150	TRENCH BACKFILL	CU YD	1373	1373	0
25000100	SEEDING, CLASS 1	ACRE	1	1	0
25000350	SEEDING, CLASS 7	ACRE	1	1	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90	90	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90	0
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2	2	0
25100630	EROSION CONTROL BLANKET	SQ YD	4390	4390	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	0
28000305	TEMPORARY DITCH CHECKS	FOOT	74	74	0
28000500	INLET AND PIPE PROTECTION	EACH	43	43	0
28100105	STONE RIPRAP, CLASS A3	SQ YD	66	66	0

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3350	3350	0
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	172	172	0
35300210	PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"	SQ YD	1447	1447	0
35400250	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 7.5"	SQ YD	509	509	0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	134	134	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	110996	10436	100561
40600370	LONGITUDINAL JOINT SEALANT	FOOT	55504	6403	49101
40600405	MATERIAL TRANSFER DEVICE	TON	23059	2377	20682
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3042	1324	1718
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	161	161	0
40600990	TEMPORARY RAMP	SQ YD	526	90	436
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	10469	1070	9399
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	12590	1307	11283
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	498.1	208.1	290

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	261	261	0
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	256	256	0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	246	246	0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6736	6736	0
42400800	DETECTABLE WARNINGS	SQ FT	71	71	0
44000100	PAVEMENT REMOVAL	SQ YD	929	929	0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	145617	9361	136256
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	12229	909	11320
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	714	714	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	198	198	0
44000600	SIDEWALK REMOVAL	SQ FT	783	783	0
44004000	PAVED DITCH REMOVAL	FOOT	88	88	0
44201385	CLASS C PATCHES, TYPE I, 13 INCH	SQ YD	15	0	15
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	320	40	280

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	134	18	116
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	34	0	34
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	8	8	0
44213204	TIE BARS 3/4"	EACH	912	912	0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2023	295.2	1727.6
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3596	25	3571
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2	0
50105220	PIPE CULVERT REMOVAL	FOOT	648	648	0
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	126	126	0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	3	0
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1	0
54248510	CONCRETE COLLAR	CU YD	2.4	2.4	0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	47	47	0
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	4	4	0

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	135	135	0
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	76	76	0
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	130	130	0
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	93	93	0
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1109	1109	0
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1030	1030	0
55100200	STORM SEWER REMOVAL 6"	FOOT	1	1	0
55100400	STORM SEWER REMOVAL 10"	FOOT	14	14	0
55100500	STORM SEWER REMOVAL 12"	FOOT	49	49	0
55100700	STORM SEWER REMOVAL 15"	FOOT	10	10	0
55100900	STORM SEWER REMOVAL 18"	FOOT	553	553	0
55101300	STORM SEWER REMOVAL 27"	FOOT	390	390	0
55101600	STORM SEWER REMOVAL 36"	FOOT	18	18	0
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	12	12	0

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	0
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	0
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	13	13	0
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3	0
60222805	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604106)	EACH	1	1	0
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	5	5	0
60224447	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1	0
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1	0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	0
60260100	INLETS TO BE ADJUSTED	EACH	1	1	0
60500040	REMOVING MANHOLES	EACH	3	3	0
60500060	REMOVING INLETS	EACH	6	6	0
60500105	FILLING MANHOLES	EACH	1	1	0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2894	2894	0

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* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	95557	442	95115
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	713	713	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5	0
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	25	25	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	11	1
67100100	MOBILIZATION	L SUM	1	0.11	0.89
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	0.1	0.9
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20	0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	0.1	0.9
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11959	2151	9808
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	24981	6325	18656
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	321	321	0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	158309	15028	143281

REV - MS

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* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0006	0005
				URBAN	RURAL
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	139	139	0
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	336	336	0
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	99	99	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	12	12	0
* 73000100	WOOD SIGN SUPPORT	FOOT	31	31	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	321	321	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	158309	15028	143281
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	139	139	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	336	336	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	99	99	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	763	141	622
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	704	82	622
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1772	1772	0
X2810844	REMOVE EXISTING RIPRAP	SQ YD	232	232	0

REV - MS

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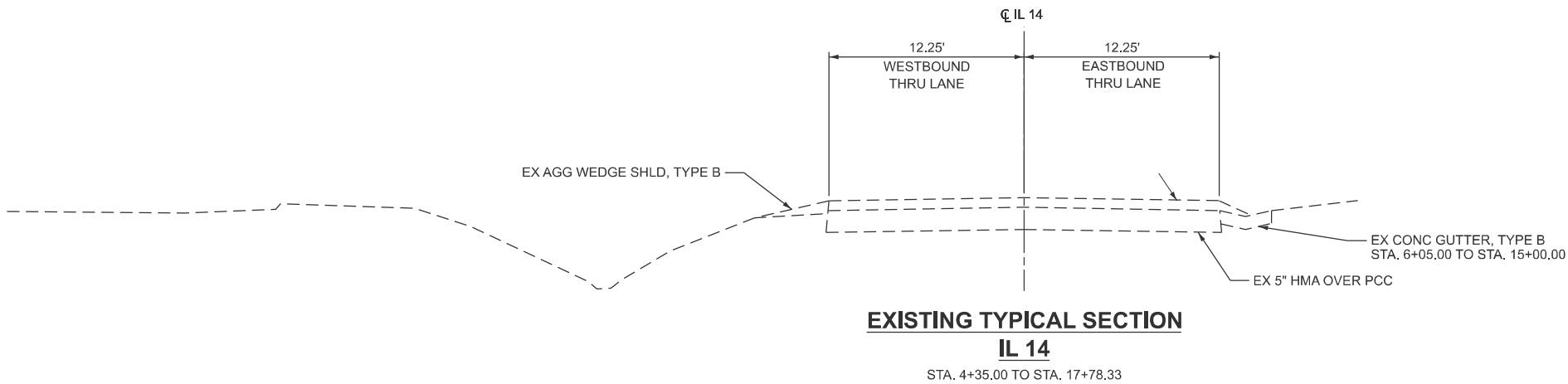
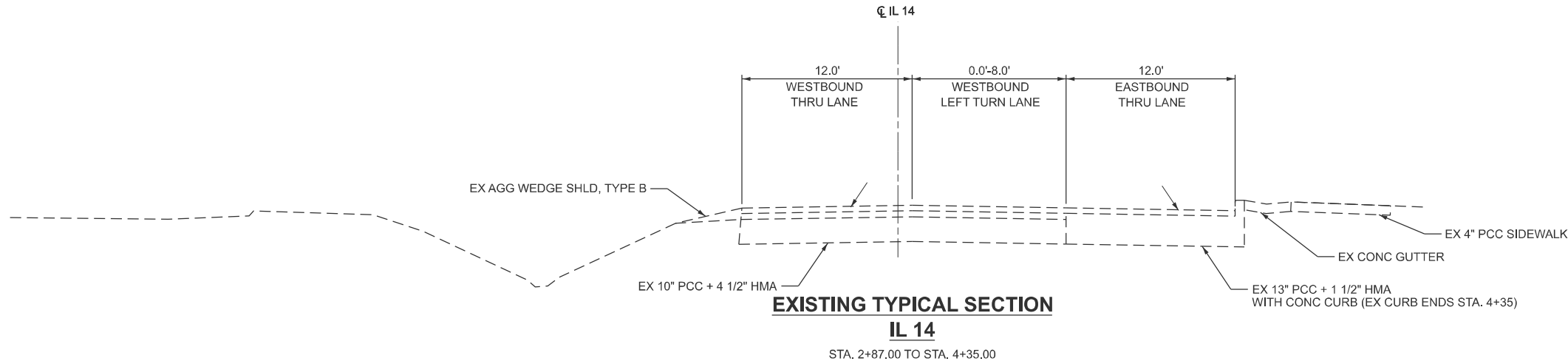
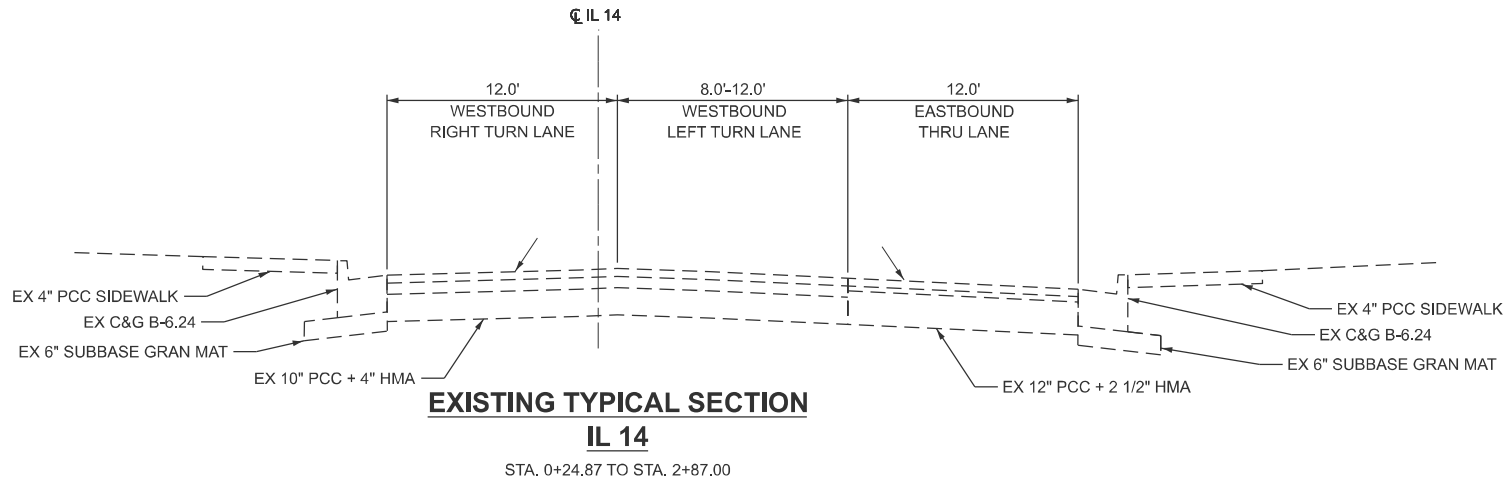
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Ø 0042

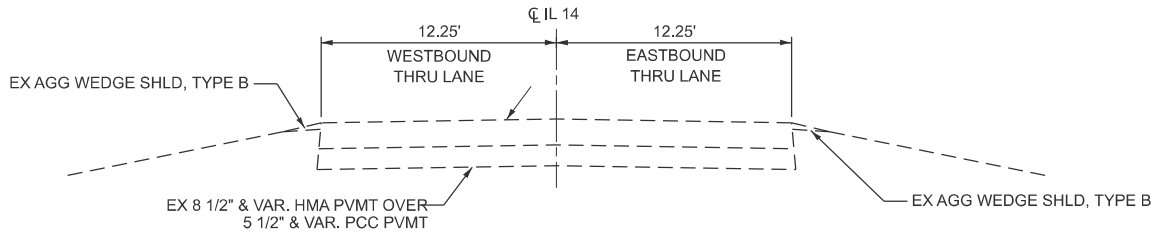
REV - MS

	USER NAME = ahevrdejs	DESIGNED - A.E.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. 853 (ILLINOIS ROUTE 14) SUMMARY OF QUANTITIES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - Z.J.W.	REVISED -							853	(5,6,7) RS-3	FRANKLIN	94	12
		CHECKED - S.L.D.	REVISED -		CONTRACT NO. 78943									
	PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -											
				SCALE: N/A	SHEET 9	OF 9	SHEETS	STA.	TO STA.					

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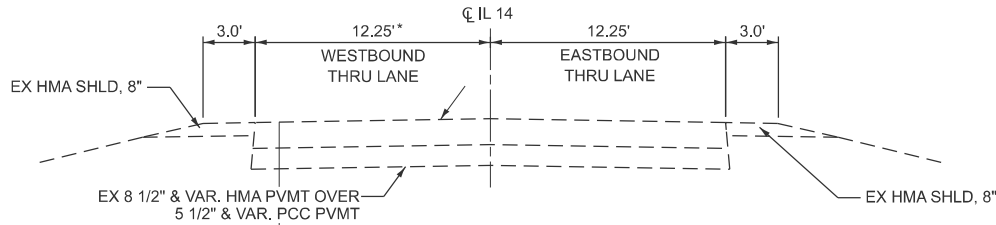
EXISTING TYPICAL SECTION

IL 14

STA. 17+78.33 TO STA. 18+45.00

OMISSION:

STA. 17+78.33 TO STA. 17+87.87



EXISTING TYPICAL SECTION

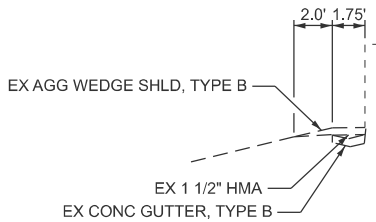
IL 14

STA. 18+45.00 TO STA. 115+30.00

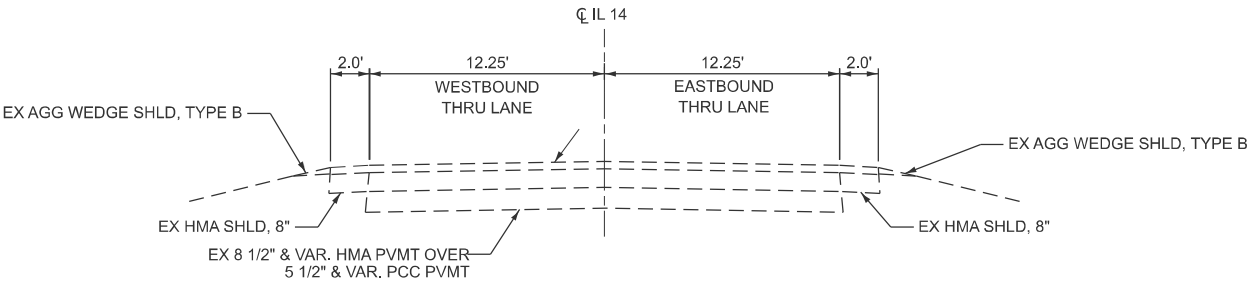
*12.75' LANE WIDTH IN SECTIONS WITH BURIED GUTTER

OMISSION:

STA. 19+05.12 TO STA. 23+71.61



LT STA. 23+71.61 TO LT STA. 30+30.80
LT STA. 30+32.90 TO LT STA. 32+19.00



EXISTING TYPICAL SECTION

IL 14

STA. 115+30.00 TO STA. 254+70.00

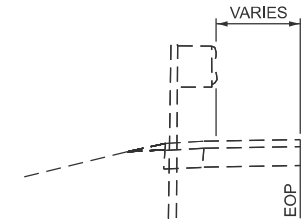
OMISSION:

STA. 149+42.00 TO STA. 150+00.50
STA. 208+29.00 TO STA. 208+72.63
STA. 241+19.58 TO STA. 241+50.42

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	14
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

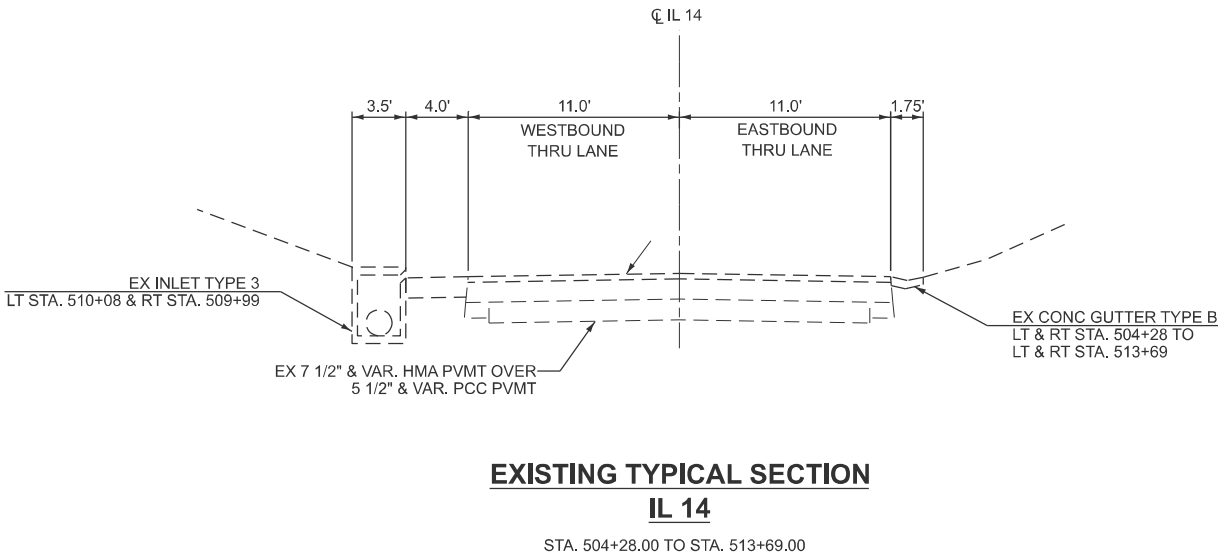
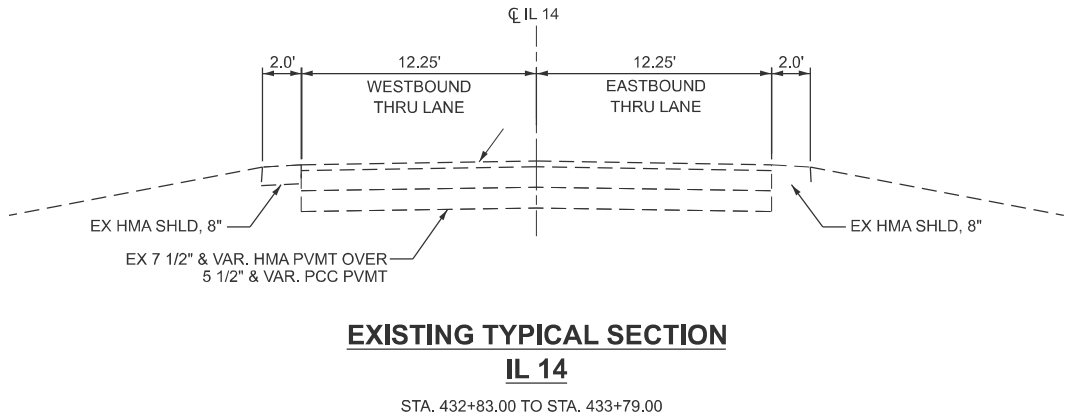
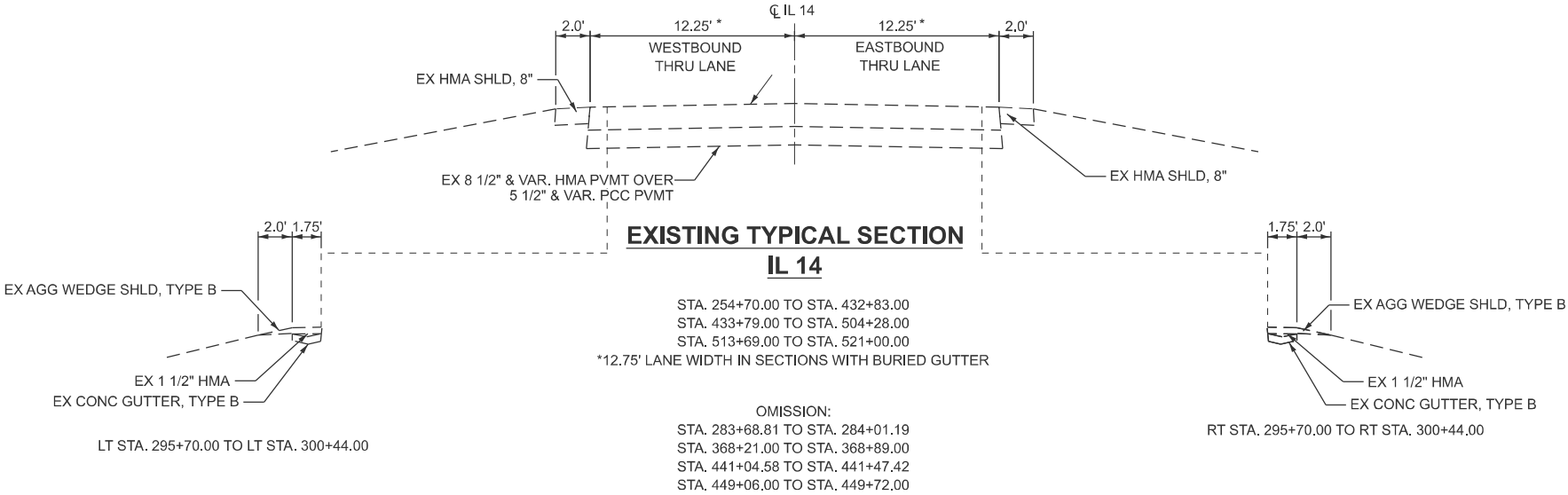
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**EXISTING TYPICAL SECTION
GUARDRAIL ADJACENT TO SHLD**

APPROXIMATE GUARDRAIL STATIONING
SEE TYPICAL SECTIONS FOR OMISSION STATIONING

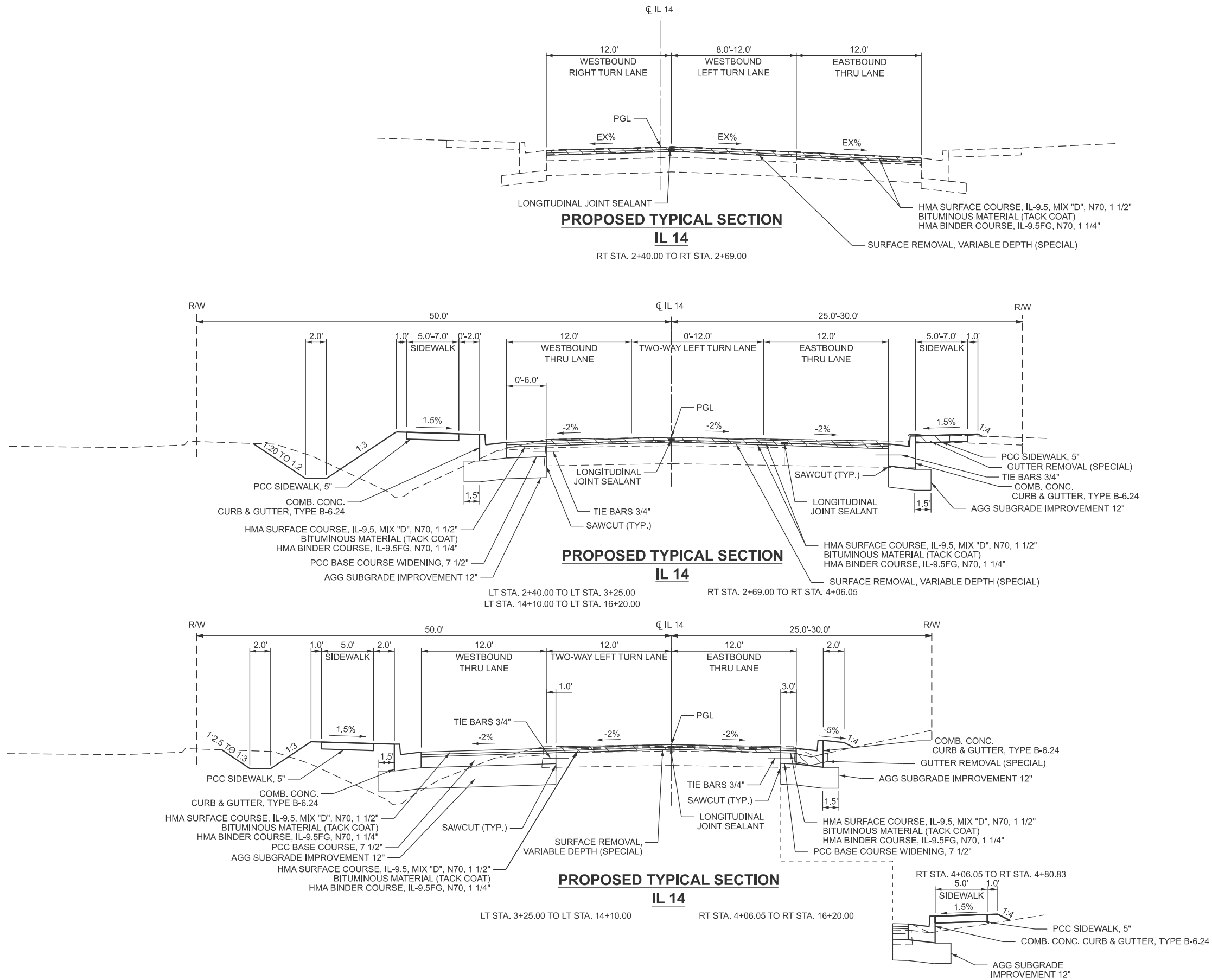
STA. 24+76.02 TO STA. 26+56.02
STA. 33+81.00 TO STA. 35+43.00
STA. 103+70.25 TO STA. 106+50.25
STA. 147+98.00 TO STA. 149+42.00
STA. 150+00.50 TO STA. 151+44.50
STA. 207+03.00 TO STA. 208+29.00
STA. 208+72.63 TO STA. 209+98.63
STA. 239+46.58 TO STA. 241+19.58
STA. 241+50.42 TO STA. 245+00.42
STA. 282+17.81 TO STA. 283+68.81
STA. 284+01.19 TO STA. 285+41.19
STA. 325+69.00 TO STA. 327+94.00
STA. 366+18.00 TO STA. 368+21.00
STA. 368+89.00 TO STA. 370+92.00
STA. 439+48.58 TO STA. 441+04.58
STA. 441+47.42 TO STA. 442+89.42
STA. 447+76.00 TO STA. 449+06.00
STA. 449+72.00 TO STA. 450+94.00



USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	15
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

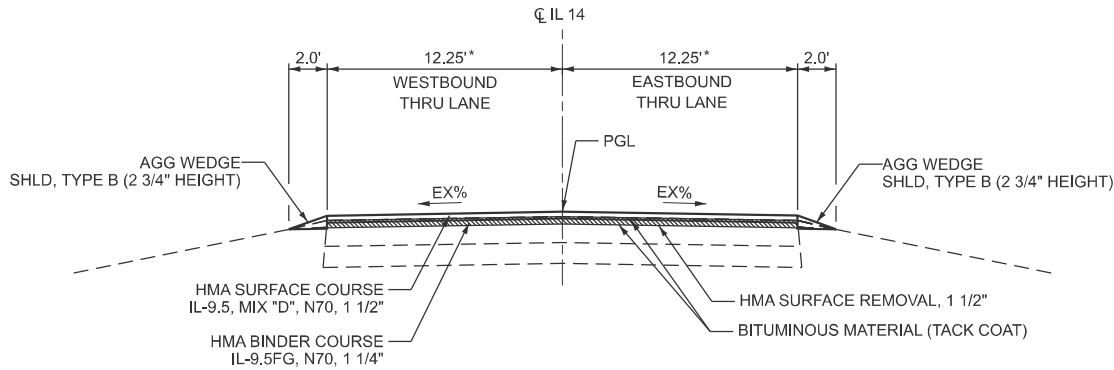
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
TYPICAL SECTIONS

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	16
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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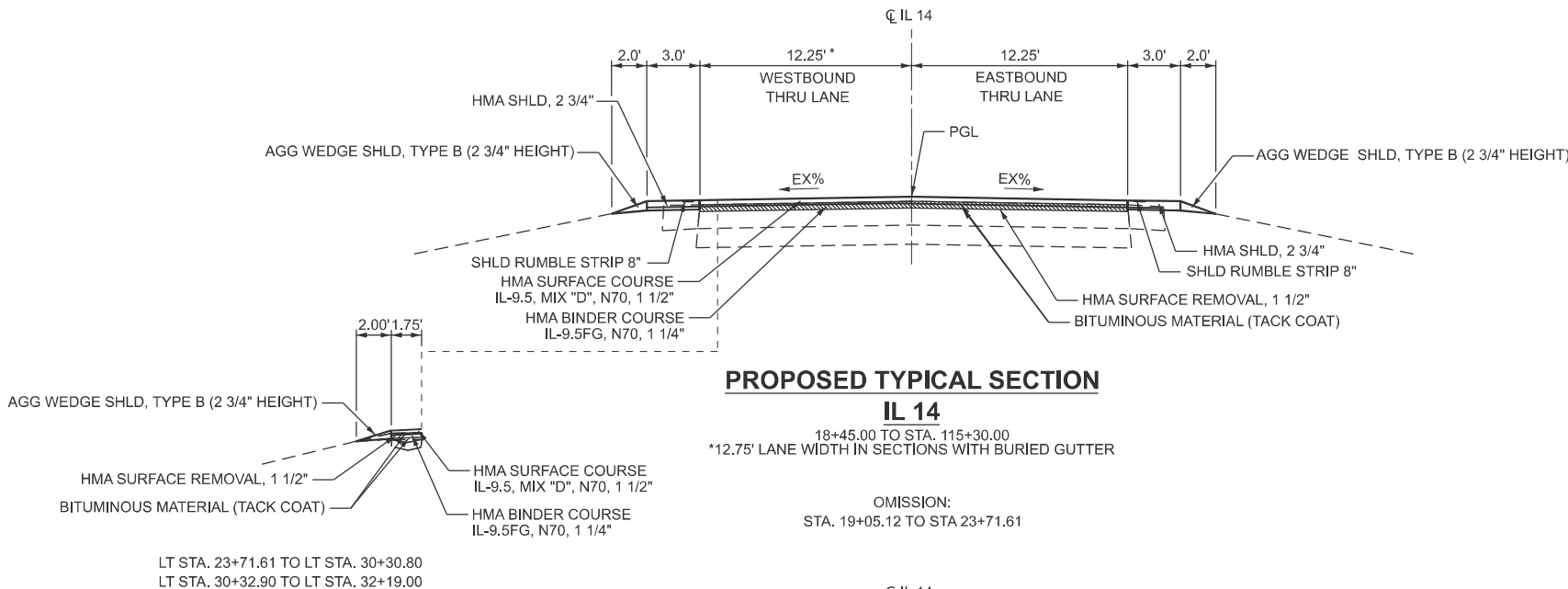


PROPOSED TYPICAL SECTION

IL 14

STA. 16+20.00 TO STA. 18+45.00

OMISSION:
STA. 17+78.33 TO STA. 17+87.87



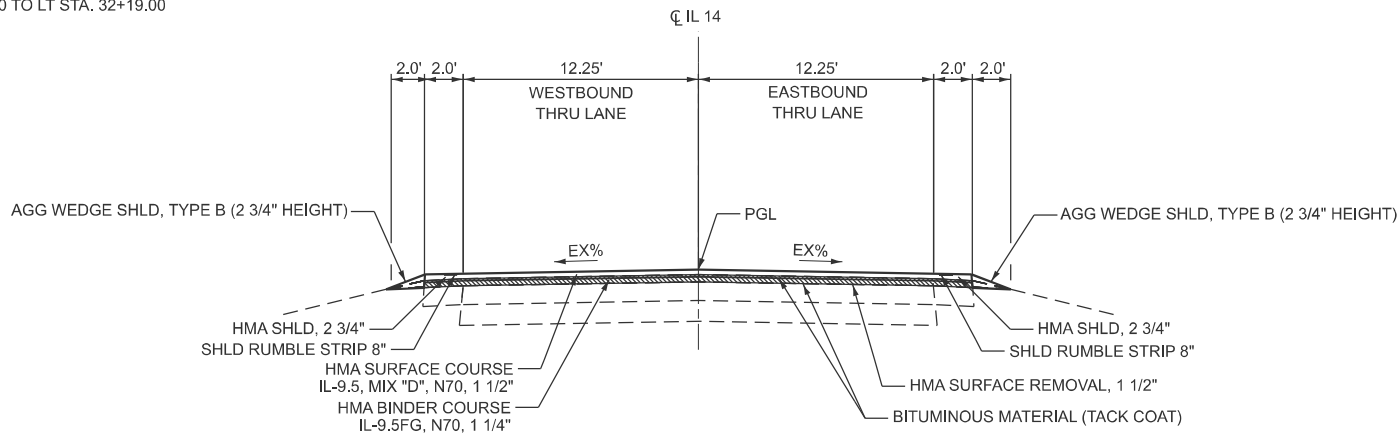
PROPOSED TYPICAL SECTION

IL 14

18+45.00 TO STA. 115+30.00
*12.75' LANE WIDTH IN SECTIONS WITH BURIED GUTTER

OMISSION:
STA. 19+05.12 TO STA 23+71.61

LT STA. 23+71.61 TO LT STA. 30+30.80
LT STA. 30+32.90 TO LT STA. 32+19.00



PROPOSED TYPICAL SECTION

IL 14

STA. 115+30.00 TO STA. 254+70.00

OMISSION:
STA. 149+42.00 TO STA. 150+00.50
STA. 208+29.00 TO STA. 208+72.63
STA. 241+19.58 TO STA. 241+50.42

EFK•Moen
Civil Engineering Design

USER NAME = ahevrdajs	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
TYPICAL SECTIONS

SCALE: N.T.S. SHEET 5 OF 6 SHEETS STA. TO STA.

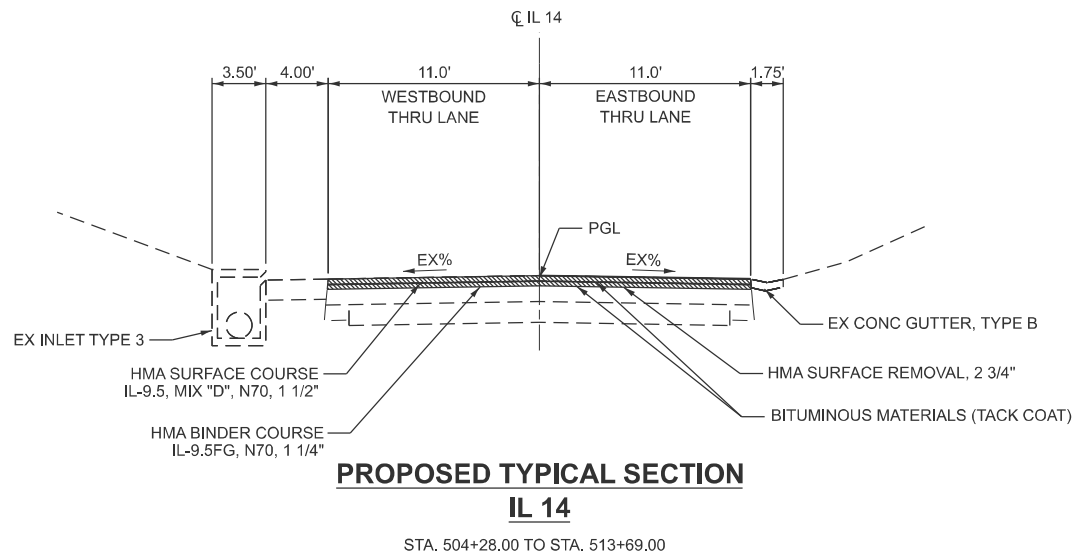
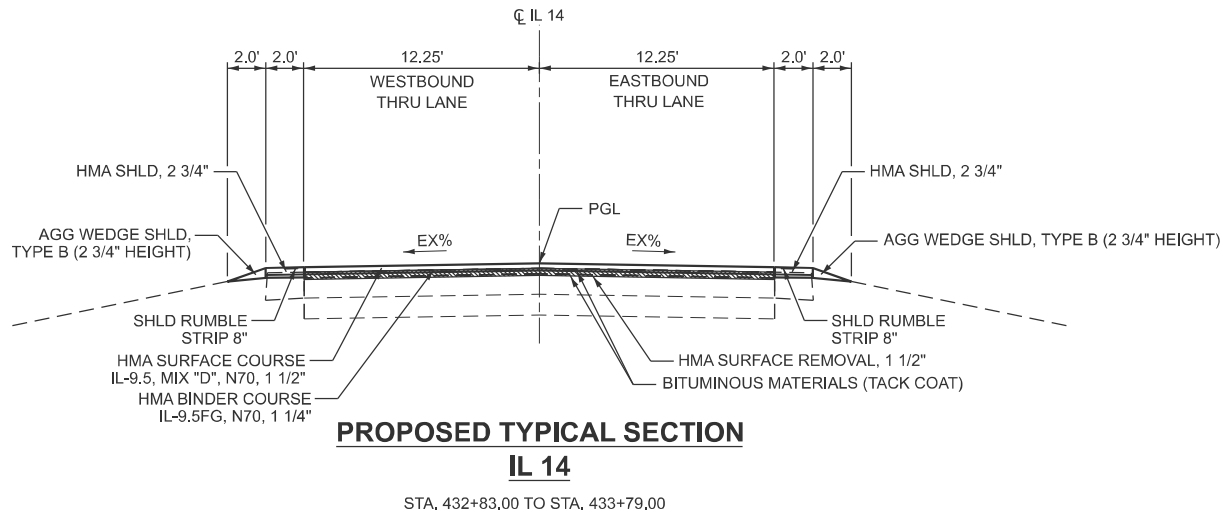
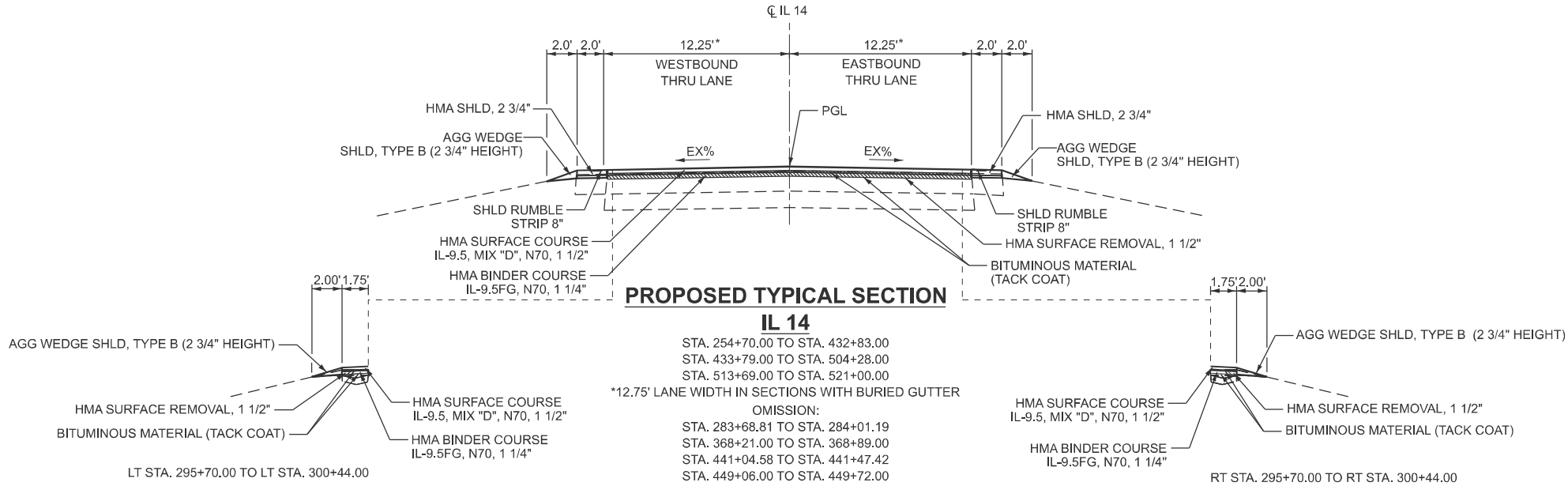
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	17
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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**PROPOSED TYPICAL SECTION
GUARDRAIL ADJACENT TO SHLD**

APPROXIMATE GUARDRAIL STATIONING
SEE TYPICAL SECTIONS FOR OMISSION STATIONING

STA. 24+76.02 TO STA. 26+56.02
STA. 33+81.00 TO STA. 35+43.00
STA. 103+70.25 TO STA. 106+50.25
STA. 147+98.00 TO STA. 149+42.00
STA. 150+00.50 TO STA. 151+44.50
STA. 207+03.00 TO STA. 208+29.00
STA. 208+72.63 TO STA. 209+98.63
STA. 239+46.58 TO STA. 241+19.58
STA. 241+50.42 TO STA. 245+00.42
STA. 282+17.81 TO STA. 283+68.81
STA. 284+01.19 TO STA. 285+41.19
STA. 325+69.00 TO STA. 327+94.00
STA. 366+18.00 TO STA. 368+21.00
STA. 368+89.00 TO STA. 370+92.00
STA. 439+48.58 TO STA. 441+04.58
STA. 441+47.42 TO STA. 442+89.42
STA. 447+76.00 TO STA. 449+06.00
STA. 449+72.00 TO STA. 450+94.00



USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	18
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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EARTHWORK SCHEDULE

			EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE		FURNISHED EXCAVATION (CU YD)	REMARKS	
							EXCAVATION REQUIRED TO COMPLETE (CU YD)	EXCESS EXCAVATION (CU YD)			
LOCATION			(CU YD)	%	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
STATION	TO	STATION									
2+40.00	TO	16+25.00	1,298.4	25	973.8	1014.6	-40.8	0	40.8		
SUBTOTALS			1,298.4						41		
		TOTALS	1,300							45	

SEEDING SCHEDULE

LOCATION			SEEDING CLASS 1 (ACRE)	SEEDING CLASS 7 (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	AGR GROUND LIMESTONE (TON)	TEMPORARY EROSION CTRL SEEDING (POUND)
ROADWAY	STATION	STATION							
IL 14	02+12.34	17+78.33	1	1	90	90	90	2	100
TOTALS			1	1	90	90	90	2	100
PAY ITEM TOTALS			1	1	90	90	90	2	100

ENTRANCE SCHEDULE EAST OF RAILROAD TRACKS

LOCATION		EXIST.	ESTIMATED	IMPROVE-	ENTRANCE AREA	AGG SHLD DEPTH	INCIDENTAL	AGG
		SURFACE	AVG WIDTH	MENT LENGTH			HMA	WEDGE
							SURFACING*	SHLD TYPE B
TOTAL ENTRANCES		TYPE	FOOT	FOOT	SQ YD	INCH	TON	TON
FAP 853 (IL 14) (FRANKLIN COUNTY)								
URBAN								
RT	8	AGG	15	3	5	1.125		2.6
LT	5	AGG	15	3	5	1.125		1.6
RT	4	PAVED	15	4	7		4.44	
LT	4	PAVED	15	4	7		4.44	
EAST OF RAILROAD TRACKS URBAN SUBTOTALS							8.9	4.2
RURAL								
RT	32	AGG	15	3	5	1.125		10.3
LT	52	AGG	15	3	5	1.125		16.7
RT	13	PAVED	15	4	7		14.42	
LT	3	PAVED	15	4	7		3.33	
RURAL SUBTOTALS							17.7	26.9
EAST OF RAILROAD TRACKS IL 14 ENTRANCE TOTALS							26.6	31.1
* SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.								

EROSION CONTROL SCHEDULE

LOCATION				EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A3	REMOVE EXISTING RIPRAP
STA.	TO	STA.	OFFSET	SQ YD	FOOT	EACH	SQ YD	SQ YD
2+40.00	TO	5+00.00	LT	521	18	4		
2+40.00	TO	5+00.00	RT	66		2		
5+00.00	TO	11+00.00	LT	1000	34	12		54
5+00.00	TO	11+00.00	RT	535		9		
11+00.00	TO	17+00.00	LT	1192	22	11	66	178
11+00.00	TO	17+00.00	RT	671		5		
17+00.00	TO	17+78.33	LT	313				
17+00.00	TO	17+78.33	RT	91				
TOTAL				4,390	74	43	66	232

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PAVEMENT SCHEDULE																
					AGG SUBGRADE	PCC BASE	PCC BASE COURSE		BITUMINOUS	HMA BC	HMA SC	MATERIAL	LONGITUDINAL		AGG WEDGE	NOTES
					IMPROV	COURSE	WIDENING	TIE BARS	MATERIALS	IL-9.5FG	IL-9.5FG	TRANSFER	JOINT	TEMP	SHLDR	
LOCATION					12"	7 1/2"	7 1/2"	3/4"	TACK COAT	N70	MIX "D" N70	DEVICE	SEALANT	RAMP	TY B	
ROADWAY	STATION	OFFSET	STATION	OFFSET	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(POUND)	(TON)	(TON)	(TON)	(FOOT)	(SQ YD)	(TON)	
IL 14	2+40.00	9.0' LT	16+20.00	14.0' LT	2176.3											
IL 14	2+69.00	21.4' RT	4+06.05	13.2' RT	62.2											
IL 14	4+06.05	10.2' RT	16+20.00	9.0' RT	936.7											
IL 14	2+17.05	11.3' LT	2+37.02	34.2' LT	14.2											
IL 14	2+65.02	34.2' LT	2+86.42	14.3' LT	13.3											
IL 14	5+41.61	24.0' LT	5+56.61	39.0' LT	9.2											
IL 14	5+80.61	39.0' LT	5+95.61	24.0' LT	9.2											
IL 14	7+60.77	24.0' LT	7+75.77	39.0' LT	9.2											
IL 14	7+99.51	39.0' LT	8+14.77	24.0' LT	9.2											
IL 14	10+89.46	24.0' LT	1+09.50	45.4' LT	13.4											
IL 14	11+39.49	44.5' LT	11+59.48	24.0' LT	13.0											
IL 14	13+05.06	20.5' LT	13+21.24	35.5' LT	9.5											
IL 14	13+45.24	35.5' LT	13+59.74	18.7' LT	9.8											
IL 14	14+08.02	17.1' LT	14+23.52	32.1' LT	9.4											
IL 14	14+50.22	32.1' LT	14+64.72	15.2' LT	9.9											
IL 14	15+17.64	12.0' RT	15+37.64	32.1' RT	12.8											
IL 14	15+59.64	31.9' RT	15+78.85	12.4' RT	12.4											
IL 14	15+55.11	12.2' LT	15+70.61	27.2' LT	9.4											
IL 14	16+02.11	26.5' LT	16+20.00	12.0' LT	10.7											
IL 14	3+25.00	11.0' LT	14+10.00	11.0' LT		1446.5		362								
IL 14	2+40.00	9.0' LT	3+25.00	11.0' LT			38.6	29								
IL 14	4+06.05	10.2' RT	16+20.00	9.0' RT			404.8	405								
IL 14	14+10.00	11.0' LT	16+20.00	11.0' LT			65.0	70								
IL 14	2+69.00	21.5' RT	4+06.05	13.1' RT				46								
IL 14	2+50.00	CL	17+18.33	CL					2376.8	380		380.0				
IL 14	2+40.00	CL	17+78.33	CL					1264.1		477	477.0				
IL 14	2+40.00	0.88' RT	2+87.00	2.3' LT									47.1			
IL 14	2+87.00	2.3' LT	4+25.42	12.0' LT									138.8			
IL 14	4+25.42	12.0' LT	11+99.80	12.0' LT									774.4			
IL 14	11+99.80	12.0' LT	15+59.80	CL									360.2			
IL 14	15+59.80	CL	17+78.33	CL									218.5			
IL 14	2+87.00	9.8' RT	4+25.84	CL									139.2			
IL 14	4+25.84	CL	11+99.60	CL									773.8			
IL 14	11+99.60	CL	15+59.20	12.0' RT									359.8			
IL 14	2+40.00	9.0' LT	2+40.00	23.0' RT										17.8		
IL 14	17+78.33	12.0' LT	17+78.33	12.0' RT										24.4		
IL 14	16+20.00	12.0' LT	17+78.33	12.0' LT											74.4	
IL 14	15+78.85	12.0' RT	17+78.33	12.0' RT											93.7	
SUBTOTALS					3349.8	1446.5	508.4	912	3640.9	380.0	477.0	857.0	2811.8	42.2	168.1	
PAY ITEM TOTALS					3350	1447	509	912	3641	380	477	857	2812	43	169	

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RESURFACING SCHEDULE EAST OF RAILROAD TRACKS (1 OF 2)															
LOCATION			LENGTH	ROADWAY WIDTH	SHLD WIDTH LT & RT	TEMP RAMP	HMA SURF REMOVAL	MATERIAL TRANSFER	HMA SURF REMOVAL	HMA SURF REMOVAL	HMA BC IL-9.5FG N70	HMA SC IL-9.5 D N70	BIT MATLS	LONG JOINT	NOTES
							BUTT JOINT	DEVICE	1 1/2"	2 3/4"	1 1/4"	1 1/2"	TACK CT	SEALANT	
STATION TO STATION			FOOT	FOOT	FOOT	SQ YD	SQ YD	TON	SQ YD	SQ YD	TON	TON	LBS	FOOT	
FAP 853(IL 14) (FRANKLIN COUNTY)															
URBAN															
17+78.33	TO	17+87.67	GAP RR CROSSING												
17+87.67	TO	31+11.20	1,324	24.50		14	69	559	3,605		254	305	2,433	1,324	
EQ STA 31+11.20 (BK) = STA -0+40.50 (AH)															
-0+40.50	TO	-0+00.00	41	24.50				18	111		8	10	75	41	
EQ STA -0+00 (BK) = STA 0+00 (AH)															
0+00.00	TO	0+40.00	40	24.50				18	109		8	10	74	40	
0+40.00	TO	2+36.00	196	23.75				81	518		37	44	350	196	RT GUTTER
2+36.00	TO	18+45.00	1,609	24.50				678	4,381		308	370	2,957	1,609	
18+45.00	TO	19+05.12	61	24.50	6	17	85	27	167		12	15	113	61	
19+05.12	TO	23+71.61	OMIT (CONTRACT 78B23)												
23+71.61	TO	24+76.02	105	24.50	3	16	77	46	286		21	25	193	105	
24+76.02	TO	26+56.02	180	24.50	3			77		490	35	42	331	180	APPROX GR STATIONING
26+56.02	TO	26+91.00	35	24.50	3			16	96		7	9	65	35	LT GUTTER: SE VAR
URBAN EAST OF RAILROAD TRACKS TOTALS						47	231	1,520	9,273	490	690	830	6,591	3,591	
RURAL															
26+91.00	TO	30+30.80	340	24.50	3			146	926		66	80	625	340	LT GUTTER; SE VAR
EQ STA 30+30.80 (BK) = STA 30+32.90 (AH)															
30+32.90	TO	32+19.00	187	23.75	3			77	494		35	42	334	187	LT GUTTER
32+19.00	TO	33+81.00	162	24.50	6			70	441		32	38	298	162	
33+81.00	TO	35+43.00	162	24.50	6			70		441	32	38	298	162	APPROX GR STATIONING
35+43.00	TO	41+87.00	644	24.50	6			273	1,754		124	149	1,184	644	
41+87.00	TO	49+63.30	777	24.50	6			328	2,116		149	179	1,428	777	SE 4.6%
EQ STA 49+63.30 (BK) = STA 49+62.80 (AH)															
49+62.80	TO	70+19.00	2,057	24.50	6			867	5,600		394	473	3,780	2,057	
70+19.00	TO	78+95.90	877	24.50	6			370	2,388		168	202	1,612	877	SE 5.0%
EQ STA 78+95.90 (BK) = STA 78+98.46 (AH)															
78+98.46	TO	103+70.05	2,472	24.50	6			1,043	6,730		474	569	4,543	2,472	
103+70.05	TO	106+50.25	281	24.50	6			119		765	54	65	517	281	APPROX GR STATIONING
106+50.25	TO	115+30.00	880	24.50	6			372	2,396		169	203	1,617	880	
115+30.00	TO	130+56.00	1,526	24.50	4			644	4,155		293	351	2,805	1,526	
130+56.00	TO	147+98.00	1,742	24.50	4			735	4,743		334	401	3,201	1,742	SE 4.2%
147+98.00	TO	149+42.00	144	24.50	4	30		62		392	28	34	265	144	SE 4.2%, APPROX GR STATIONING
149+42.00	TO	150+00.50	GAP 028-0075												
150+00.50	TO	151+44.50	144	24.50	4	30		1		392		1	1	8	APPROX GR STATIONING
151+44.50	TO	208+00.00	5,656	24.50	4			2,383	15,397		1,083	1,300	10,393	5,656	
EQ STA 208+00.00 (BK.) = STA 207+66.30 (AH)															
207+66.30	TO	207+03.00	64	24.50	4			28	175		13	15	118	64	
207+03.00	TO	208+29.00	126	24.50	4	30		54		343	25	29	232	126	APPROX GR STATIONING
208+29.00	TO	208+72.63	GAP 028-0024												
208+72.63	TO	209+98.63	126	24.50	4	30		54		343	25	29	232	126	APPROX GR STATIONING
209+98.63	TO	239+46.00	2,948	24.50	4			1,243	8,026		565	678	5,417	2,948	
SCHEDULE 1 RURAL TOTALS						120	0	8,939	55,341	2,676	4,063	4,876	38,900	21,179	

MODEL: Sched4 (Sheet)
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RESURFACING SCHEDULE EAST OF RAILROAD TRACKS (2 OF 2)															
LOCATION			LENGTH	ROADWAY WIDTH	SHLD WIDTH LT & RT	TEMP RAMP	HMA SURF REMOVAL	MATERIAL TRANSFER	HMA SURF REMOVAL	HMA SURF REMOVAL	HMA BC IL-9.5FG N70	HMA SC IL-9.5 D N70	BIT MATLS TACK CT	LONG JOINT SEALANT	NOTES
							BUTT JOINT	DEVICE	1 1/2"	2 3/4"	1 1/4"	1 1/2"	LBS	FOOT	
STATION TO STATION			FOOT	FOOT	FOOT	SQ YD	SQ YD	TON	SQ YD	SQ YD	TON	TON			
239+46.00	TO	241+19.58	174	24.50	4	30		74		474	34	40	320	174	SE 4.3%, APPROX. GR STATIONING
241+19.58	TO	241+50.42	GAP 028-0025												
241+50.42	TO	245+00.42	350	24.50	4	30		148		953	67	81	644	350	SE 4.3%, APPROX. GR STATIONING
245+00.42	TO	247+88.00	288	24.50	4			123	784		56	67	530	288	SE 4.3%
247+88.00	TO	254+70.00	682	24.50	4			288	1,857		131	157	1,254	682	
254+70.00	TO	282+17.81	2,748	24.50	4			1,158	7,481		526	632	5,050	2,748	
282+17.81	TO	283+68.81	151	24.50	4	30		64		412	29	35	278	151	APPROX. GR STATIONING
283+68.81	TO	284+01.19	GAP 028-0026												
284+01.19	TO	285+41.19	140	24.50	4	30		60		382	27	33	258	140	APPROX. GR STATIONING
285+41.19	TO	295+70.00	1,029	24.50	4			434	2,802		197	237	1,891	1,029	
295+70.00	TO	300+44.00	474	25.50	4			209	1,343		95	114	907	474	LT & RT GUTTER
300+44.00	TO	325+69.00	2,525	24.50	4			1,065	6,874		484	581	4,640	2,525	
325+69.00	TO	327+94.00	225	24.50	4			96		613	44	52	414	225	APPROX. GR STATIONING
327+94.00	TO	343+96.00	1,602	24.50	4			676	4,361		307	369	2,944	1,602	
343+96.00	TO	351+31.20	736	24.50	4			311	2,004		141	170	1,353	736	SE 3.7%
EQ STA 351+31.20 (BK) = STA 351+27.20 (AH)															
351+27.20	TO	366+18.00	1,491	24.50	4			629	4,059		286	343	2,740	1,491	
366+18.00	TO	368+21.00	203	24.50	4	30		86		553	39	47	374	203	APPROX. GR STATIONING
368+21.00	TO	368+89.00	GAP 028-0074												
368+89.00	TO	370+92.00	203	24.50	4	30		86		553	39	47	374	203	APPROX. GR STATIONING
370+92.00	TO	386+42.00	1,550	24.50	4			654	4,220		297	357	2,849	1,550	
386+42.00	TO	396+23.00	981	24.50	4			414	2,671		188	226	1,803	981	SE 2.9%
396+23.00	TO	439+48.58	4,326	24.50	4			1,823	11,777		828	995	7,950	4,326	
439+48.58	TO	441+04.58	156	24.50	4	30		66		425	30	36	287	156	APPROX. GR STATIONING
441+04.58	TO	441+47.42	GAP 028-0028												
441+47.42	TO	442+89.42	142	24.50	4	30		61		387	28	33	261	142	APPROX. GR STATIONING
442+89.42	TO	447+76.00	487	24.50	4			205	1,326		93	112	895	487	
447+76.00	TO	449+06.00	130	24.50	4	30		55		354	25	30	239	130	APPROX. GR STATIONING
449+06.00	TO	449+72.00	GAP 028-0029												
449+72.00	TO	450+94.00	122	24.50	4	30		52		333	24	28	225	122	APPROX. GR STATIONING
450+94.00	TO	504+28.00	5,334	24.50	4			2,237	14,521		1,017	1,220	9,802	5,334	
504+28.00	TO	509+84.50	557	22.00				211		1,362	96	115	920	557	LT & RT GUTTER
509+84.50	TO	509+93.50	9	22.00				4		22	2	2	15	9	LT GUTTER; RT INLET
509+93.50	TO	510+13.50	20	22.00				9		49	4	5	33	20	LT & RT INLET
510+13.50	TO	510+22.50	9	22.00				4		22	2	2	15	9	RT GUTTER; LT INLET
510+22.50	TO	513+69.00	347	22.00				132		849	60	72	573	347	LT & RT GUTTER
513+69.00	TO	521+00.00	731	24.50	4	16	80	309	1,990		140	169	1,344	731	
SCHEDULE 2 RURAL TOTALS						316	80	11,743	68,070	7,743	5,336	6,407	51,182	27,922	
EAST OF RAILROAD TRACKS IL 14 MAINLINE TOTALS						483	311	22,202	132,684	10,909	10,089	12,113	96,673	52,692	

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SHOULDER SCHEDULE EAST OF RAILROAD TRACKS (1 OF 2)																
LOCATION			LENGTH	SHOULDER WIDTH				AGG SHLD DEPTH	HMA	HMA	AGG	HMA SHLD	BIT. MAT. TACK COAT	SHLD RUM STRIP 8"	NOTES	
				HMA		AGG			SURF	SURF	WEDGE					
				LT	RT	LT	RT		REMOVAL	REMOVAL	SHLD					
			(INFO ONLY)						1 1/2"	2 3/4"	TYPE B					
STATION TO STATION			FOOT	FOOT	FOOT	FOOT	FOOT	INCH	SQ YD	SQ YD	TON	TON	LBS	FOOT		
FAP 853(IL 14) (FRANKLIN COUNTY)																
URBAN																
17+78.33	TO	17+87.67	GAP RR CROSSING													
17+87.67	TO	31+11.20	1,324			2	2	2.75			47					
EQ STA 31+11.20 (BK) = STA -0+40.50 (AH)																
-0+40.50	TO	-0+00.00	41			2	2	2.75			2					
EQ STA -0+00 (BK) = STA 0+00 (AH)																
0+00.00	TO	0+40.00	40			2	2	2.75			2					
0+40.00	TO	2+36.00	196			2	2	2.75			7				RT GUTTER	
2+36.00	TO	18+45.00	1,609			2	2	2.75			56					
18+45.00	TO	19+05.12	61	3	3	2	2	2.75	41		3	7	19	122		
19+05.12	TO	23+71.61	OMIT (CONTRACT 78B23)													
23+71.61	TO	24+76.02	105		3	2	2	2.75	35		4	6	16	105	LT GUTTER	
24+76.02	TO	26+56.02	180		3					60		10	27	180	LT GUTTER, APPROX. GR STATIONING	
26+56.02	TO	26+91.00	35		3		2	2.75	12		1	2	6	35	LT GUTTER; SE 8.0%	
EAST OF RAILROAD TRACKS URBAN TOTALS									88	60	122	25	68	442		
RURAL																
26+91.00	TO	30+30.80	340		3		2	2.75	114		6	18	51	340	LT GUTTER; SE 8.0%	
EQ STA 30+30.80 (BK) = STA 30+32.90 (AH)																
30+32.90	TO	32+19.00	187		3	2	2	2.75	63		7	10	29	187	LT GUTTER	
32+19.00	TO	33+81.00	162	3	3	2	2	2.75	108		6	17	49	324		
33+81.00	TO	35+43.00	162	3	3					108		17	49	324	APPROX. GR STATIONING	
35+43.00	TO	41+87.00	644	3	3	2	2	2.75	430		23	67	194	1,288		
41+87.00	TO	49+63.30	777	3	3	2	2	2.75	518		28	80	234	1,554	SE 4.6%	
EQ STA 49+63.30 (BK) = STA 49+62.80 (AH)																
49+62.80	TO	70+19.00	2,057	3	3	2	2	2.75	1,372		72	212	618	4,114		
70+19.00	TO	78+95.90	877	3	3	2	2	2.75	585		31	91	264	1,754	SE 5.0%	
EQ STA 78+95.90 (BK) = STA 78+98.46 (AH)																
78+98.46	TO	103+70.05	2,472	3	3	2	2	2.75	1,648		87	254	742	4,944		
103+70.05	TO	106+50.25	281	3	3					188	0	29	85	562	APPROX. GR STATIONING	
106+50.25	TO	115+30.00	880	3	3	2	2	2.75	587		37	91	264	1,760		
115+30.00	TO	130+56.00	1,526	2	2	2	2		679		10	105	306	3,052		
130+56.00	TO	147+98.00	1,742	2	2	2	2	2.75	775		61	120	349	3,484		
147+98.00	TO	149+42.00	144	2	2					64		10	29	288	SE 4.2%, APPROX. GR STATIONING	
149+42.00	TO	150+00.50	GAP 028-0075													
150+00.50	TO	151+44.50	144	2	2					64		10	29	288	APPROX. GR STATIONING	
151+44.50	TO	208+00.00	5,656	2	2	2	2	2.75	2,514		197	388	1,132	11,312		
EQ STA 208+00.00 (BK.) = STA 207+66.30 (AH)																
207+66.30	TO	207+03.00	64	2	2	2	2	2.75	29		3	5	13	128		
207+03.00	TO	208+29.00	126	2	2					56		9	26	252	APPROX. GR STATIONING	
SCHEDULE 1 RURAL TOTALS									9,422	480	568	1,533	4,463	35,955		

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SHOULDER SCHEDULE EAST OF RAILROAD TRACKS (2 OF 2)															
LOCATION			LENGTH	SHOULDER WIDTH				AGG SHLD DEPTH	HMA	HMA	AGG	HMA SHLD	BIT. MAT. TACK COAT	SHLD RUM STRIP 8"	NOTES
				HMA		AGG			SURF	SURF	WEDGE				
				LT	RT	LT	RT		REMOVAL	REMOVAL	SHLD				
			(INFO ONLY)						1 1/2"	2 3/4"	TYPE B				
STATION TO STATION			FOOT	FOOT	FOOT	FOOT	FOOT	INCH	SQ YD	SQ YD	TON	TON	LBS	FOOT	
208+29.00	TO	208+72.63	GAP 028-0024												
208+72.63	TO	209+98.63	126	2	2					56		9	26	252	APPROX. GR STATIONING
209+98.63	TO	239+46.00	2,948	2	2	2	2	2.75	1,311		103	202	590	5,896	
239+46.00	TO	241+19.58	174	2	2					78		12	35	348	SE 4.3%, APPROX. GR STATIONING
241+19.58	TO	241+50.42	GAP 028-0025												
241+50.42	TO	245+00.42	350	2	2					156		24	70	700	SE 4.3%, APPROX. GR STATIONING
245+00.42	TO	247+88.00	288	2	2	2	2	2.75	128		11	20	58	576	SHLDRS; SE 4.3%
247+88.00	TO	254+70.00	682	2	2	2	2	2.75	304		24	47	137	1,364	
254+70.00	TO	282+17.81	2,748	2	2	2	2	2.75	1,222		114	189	550	5,496	
282+17.81	TO	283+68.81	151	2	2					68		11	31	302	APPROX. GR STATIONING
283+68.81	TO	284+01.19	GAP 028-0026												
284+01.19	TO	285+41.19	140	2	2					63		10	28	280	APPROX. GR STATIONING
285+41.19	TO	295+70.00	1,029	2	2	2	2	2.75	458		43	71	206	2,058	
295+70.00	TO	300+44.00	474			2	2	2.75			20	0	0		LT & RT GUTTER
300+44.00	TO	325+69.00	2,525	2	2	2	2	2.75			104	173	505	5,050	
325+69.00	TO	327+94.00	225	2	2							16	45	450	APPROX. GR STATIONING
327+94.00	TO	343+96.00	1,602	2	2	2	2	2.75			66	110	321	3,204	
343+96.00	TO	351+31.20	736	2	2	2	2	2.75			31	51	148	1,472	SE 3.7%
EQ STA 351+31.20 (BK) = STA 351+27.20 (AH)															
351+27.20	TO	366+18.00	1,491	2	2	2	2	2.75			62	103	299	2,982	
366+18.00	TO	368+21.00	203	2	2							14	41	406	APPROX. GR STATIONING
368+21.00	TO	368+89.00	GAP 028-0074												
368+89.00	TO	370+92.00	203	2	2							14	41	406	APPROX. GR STATIONING
370+92.00	TO	386+42.00	1,550	2	2	2	2	2.75			64	107	310	3,100	
386+42.00	TO	396+23.00	981	2	2	2	2	2.75			41	68	197	1,962	SE 2.9%
396+23.00	TO	439+48.58	4,326	2	2	2	2	2.75			178	297	866	8,652	
439+48.58	TO	441+04.58	156	2	2							11	32	312	APPROX. GR STATIONING
441+04.58	TO	441+47.42	GAP 028-0028												
441+47.42	TO	442+89.42	142	2	2							10	29	284	APPROX. GR STATIONING
442+89.42	TO	447+76.00	487	2	2	2	2	2.75			21	34	98	974	
447+76.00	TO	449+06.00	130	2	2							9	26	260	APPROX. GR STATIONING
449+06.00	TO	449+72.00	GAP 028-0029												
449+72.00	TO	450+94.00	122	2	2							9	25	244	APPROX. GR STATIONING
450+94.00	TO	504+28.00	5,334	2	2	2	2	2.75			220	366	1,067	10,668	
504+28.00	TO	509+84.50	557												LT & RT GUTTER
509+84.50	TO	509+93.50	9												LT GUTTER; RT INLET
509+93.50	TO	510+13.50	20												LT & RT INLET
510+13.50	TO	510+22.50	9												RT GUTTER; LT INLET
510+22.50	TO	513+69.00	347												LT & RT GUTTER
513+69.00	TO	521+00.00	731	2	2	2	2	2.75			31	51	147	1,462	
SCHEDULE 2 RURAL TOTALS									3,423	421	1,133	2,038	5,928	59,160	
EAST OF RAILROAD TRACKS IL 14 MAINLINE TOTALS									12,933	961	1,823	3,596	10,459	95,557	

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	24
CONTRACT NO. 78943				
ILLINOIS		FED. AID PROJECT		

MODEL: Sched7 (Sheet)
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SIDE ROAD SCHEDULE EAST OF RAILROAD TRACKS										
LOCATION			EXIST.	WIDTH	WIDTH	ROADWAY	HMA	PCC	INCIDENTAL	BIT.
			SURFACE	AT	AT	AREA	SURF	SURF	HMA	MAT.
			(INFO ONLY)				BUTT JOINT	BUTT JOINT		TACK COAT
STATION TO STATION			TYPE	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	LBS
FAP 853 (IL 14) (FRANKLIN COUNTY)										
URBAN										
RT	18+19.83	FRISCO ST.	BIT.	45	28	61	61		9.51	3.1
RT	21+43.53	FAIRLAND ST.	BIT.	37	18	46	46		7.20	2.3
LT	24+60.00	INDUSTRIAL PARK DR.	BIT.	112	37	125	125		19.37	6.3
RT	24+69.00	GLENDALE ST.	BIT.	39	20	50	50		7.82	2.5
RT	27+94.00	HIGHLAND ST.	BIT.	57	27	70	70		10.90	3.5
LT	30+11.00	RENSHAW LN.	BIT.	45	22	56	56		8.74	2.8
RT	-0+30.00	McCLEANSBORO ST.	BIT.	99	55	129	129		19.98	6.5
RT	3+26.00	HICKMAN ST.	BIT.	36	18	45	45		7.05	2.3
LT	6+02.00	HUNTER CT.	CONC.	60	24	70		70	10.90	3.5
RT	7+15.00	8TH ST.	BIT.	33	21	45	45		7.05	2.3
RT	11+51.00	9TH ST.	BIT.	41	26	56	56		8.74	2.8
LT	11+51.00	HERITAGE WOODS ENT.	CONC.	74	35	91		91	14.13	4.6
RT	14+47.00	PIN OAK LN.	BIT.	70	35	88	88		13.67	4.4
RT	18+66.00	COACH LITE ESTATES	BIT.	67	34	85	85		13.21	4.3
RT	26+91.00	STUYVESANT ST.	BIT.	99	63	135	135		20.91	6.75
EAST OF RAILROAD TRACKS URBAN SUBTOTALS							991.0	161.0	179.2	57.6
RURAL										
LT	75+77.00	SAM PYLE BRIDGE RD.	BIT.	44	23	56	56		8.74	2.8
RT	75+77.00	SAM PYLE BRIDGE RD.	BIT.	44	23	56	56		8.74	2.8
LT	85+22.00	COUNTRY CLUB RD.	BIT.	40	25	55	55		8.59	2.75
RT	115+32.00	STEEL CITY RD.	BIT.	43	27	59	59		9.20	2.95
LT	126+91.00	LAKE MOSES LN.	BIT.	50	35	71	71		11.05	3.55
LT	146+52.00	MOSES DAM RD.	BIT.	64	42	89	89		13.82	4.45
LT	171+06.00	PAGE RD.	BIT.	81	52	111	111		17.21	5.55
RT	171+06.00	PAGE RD.	BIT.	60	44	87	87		13.52	4.35
LT	180+78.00	ROSE RD.	BIT.	45	27	60	60		9.36	3
RT	180+78.00	ROSE RD.	BIT.	52	30	69	69		10.74	3.45
LT	254+68.00	LONG PRAIRIE RD.	BIT.	62	37	83	83		12.90	4.15
RT	254+74.00	MT. ZION/BAUER RD.	BIT.	78	60	115	115		17.83	5.75
LT	312+94.00	WEBB HILL RD.	BIT.	45	26	60	60		9.36	3
RT	312+94.00	BESSIE RD.	BIT.	76	45	101	101		15.67	5.05
LT	376+59.00	CAMP HOPE RD.	BIT.	75	35	92	92		14.29	4.6
RT	392+75.00	N. SANTOR LN.	AGG.	90	44	112			17.37	5.6
LT	464+89.00	LIBERTY RD.	BIT.	31	11	35	35		5.51	1.75
RT	464+89.00	LIBERTY RD.	BIT.	38	21	50	50		7.82	2.5
LT	493+37.00	N. THOMPSONVILLE RD.	BIT.	95	63	132	132		20.45	6.6
RT	493+37.00	N. THOMPSONVILLE RD.	BIT.	200	108	257	257		39.70	12.85
RURAL SUBTOTALS							1638.0	0.0	271.9	87.5
EAST OF RAILROAD TRACKS IL 14 SIDE ROAD TOTALS							2629	161	451.0	145

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ENTRANCE, SIDEWALK, AND CURB SCHEDULE (1 OF 2)														
LOCATION					INCIDENTAL	BITUMINOUS	PCC	PCC	PCC	AGG	PCC		COMBINATION	NOTES
					HMA	MATERIALS	DRIVEWAY	DRIVEWAY	DRIVEWAY	BASE CRSE	SIDEWALK	DETECTABLE	CONC C&G	
					SURFACING	TACK COAT	PAVT 6"	PAVT 7"	PAVT 8"	TY. A, 4"	5"	WARNINGS	TYPE B-6.24	
ROADWAY	STATION	OFFSET	STATION	OFFSET	(TON)	(POUND)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ FT)	(SQ FT)	(FOOT)	
IL 14	3+76.87/3+96.79	RT					31.7							
IL 14	5+17.99	RT					25.5							
IL 14	6+40.24	RT					26.7							
IL 14	7+44.73	RT					19.1							
IL 14	8+54.61	RT					21.3							
IL 14	9+07.71	RT					17.1							
IL 14	9+87.72	RT					24.5							
IL 14	11+20.79	RT					37.2							
IL 14	12+65.33	RT					18.6							
IL 14	12+88.20	RT					17.6							
IL 14	14+55.24	RT					21.3							
IL 14	5+68.21	LT						56.6						
IL 14	7+87.83	LT						56.6						
IL 14	13+32.60	LT			0.8	3.3		43.1		7.2				
IL 14	14+36.77	LT			4.2	16.9		47.2		37.6				
IL 14	15+86.27	LT			6.2	24.9		51.8		55.4				
IL 14	2+51.02	LT			2.8	11.4			90.1	25.4				
IL 14	11+23.33	LT			2.0	8.0			88.4	17.8				
IL 14	15+48.74	RT			3.2	12.8			67.4	28.5				
IL 14	2+12.34	20.6' LT	2+30.98	20.6' LT							115.3			
IL 14	2+71.83	22.8' RT	5+52.79	33.6' LT							1460.1			
IL 14	2+69.00	31.3' RT	3+64.16	23.6' RT							519.7			
IL 14	4+04.47	20.9' RT	4+80.83	19.6' RT							380.5			
IL 14	5+84.44	33.6' LT	7+71.94	33.6' LT							935.7			
IL 14	8+03.60	33.6' LT	11+04.42	33.6' LT							1507.5			
IL 14	11+44.52	33.6' LT	13+16.55	29.7' LT							866.8			
IL 14	13+48.21	28.6' LT	14+20.01	26.3' LT							369.4			
IL 14	14+53.17	25.2' LT	15+66.71	21.6' LT							580.8			
MARK FRANKLIN ST		LT										21.9		
MARK FRANKLIN ST		RT										20.4		
N. FRANKLIN ST		LT										14.3		
N. FRANKLIN ST		RT										13.9		
IL 14	2+17.02	13.3' LT	2+35.02	34.2' LT									31.3	MARK FRANKLIN DR
IL 14	2+67.02	34.2' LT	2+86.28	16.3' LT									29.5	MARK FRANKLIN DR
IL 14	2+86.28	16.3' LT	5+41.61	26.0' LT									255.7	
IL 14	5+41.61	26.0' LT	5+56.61	39.0' LT									20.4	CE
IL14	5+41.61	26.0' LT	5+95.61	26.0' LT									54.0	CE DEPR
IL 14	5+82.61	39.0' LT	5+95.61	26.0' LT									20.4	CE
IL 14	5+95.61	28.0' LT	7+60.77	26.0' LT									165.2	
IL 14	7+60.77	26.0' LT	7+73.77	39.0' LT									20.4	CE
IL 14	7+60.77	26.0' LT	8+14.77	26.0' LT									54.0	CE DEPR
IL 14	8+01.77	39.0' LT	8+14.77	26.0' LT									20.4	CE
IL 14	8+14.77	26.0' LT	10+89.46	26.0' LT									274.7	
SHEET 1 SUBTOTAL					19.2	77.3	260.6	255.3	245.9	171.9	6735.8	70.5	946.0	

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ENTRANCE, SIDEWALK, AND CURB SCHEDULE (2 OF 2)														
LOCATION					INCIDENTAL HMA SURFACING (TON)	BITUMINOUS MATERIALS TACK COAT (POUND)	PCC	PCC	PCC	AGG	PCC	DETECTABLE WARNINGS (SQ FT)	COMBINATION	NOTES
							DRIVEWAY PAVT 6" (SQ YD)	DRIVEWAY PAVT 7" (SQ YD)	DRIVEWAY PAVT 8" (SQ YD)	BASE CRSE TY. A, 4" (SQ YD)	5" (SQ FT)		CONC C&G TYPE B-6.24 (FOOT)	
ROADWAY	STATION	OFFSET	STATION	OFFSET										
IL 14	10+89.46	26.0' LT	11+07.50	45.4' LT									29.7	N. FRANKLIN DR
IL 14	11+41.49	44.5' LT	11+59.48	26.0' LT									28.8	N. FRANKLIN DR
IL 14	11+59.48	26.0' LT	13+05.81	22.5' LT									146.3	
IL 14	13+05.81	22.5' LT	13+19.24	35.5' LT									20.9	CE
IL 14	13+05.81	22.5' LT	13+59.81	20.7' LT									54.0	CE DEPR
IL 14	13+47.24	35.5' LT	13+59.81	20.7' LT									21.8	CE
IL 14	13+59.81	20.7' LT	14+08.09	19.1' LT									48.3	
IL 14	14+08.09	19.1' LT	14+21.52	32.1' LT									20.9	CE
IL 14	14+08.09	19.1' LT	14+64.79	17.2' LT									56.7	CE DEPR
IL 14	14+52.22	32.1' LT	14+64.79	17.2' LT									21.9	CE
IL 14	14+64.79	17.2' LT	15+55.18	14.2' LT									90.4	
IL 14	15+55.18	14.2' LT	15+68.61	27.2' LT									20.9	CE
IL 14	15+55.18	14.2' LT	16+13.85	14.4' LT									58.7	CE DEPR
IL 14	16+04.11	27.0' LT	16+13.85	14.4' LT									17.1	CE
IL 14	16+13.85	27.0' LT	16+20.00	14.4' LT									6.2	
IL 14	2+69.00	23.6' RT	3+56.97	18.2' RT									88.1	
IL 14	3+56.97	18.2' RT	4+09.24	15.0' RT									52.4	PE DEPR
IL 14	4+09.24	15.0' RT	5+01.01	14.0' RT									91.8	
IL 14	5+01.01	14.0' RT	5+34.98	14.0' RT									34.0	PE DEPR
IL 14	5+34.98	14.0' RT	6+23.23	14.0' RT									88.3	
IL 14	6+23.23	14.0' RT	6+57.23	14.0' RT									34.0	PE DEPR
IL 14	6+57.23	14.0' RT	7+25.42	14.0' RT									68.2	
IL 14	7+25.42	14.0' RT	7+56.92	14.0' RT									31.5	PE DEPR
IL 14	7+56.92	14.0' RT	8+38.66	14.0' RT									81.7	
IL 14	8+38.66	14.0' RT	8+70.66	14.0' RT									32.0	PE DEPR
IL 14	8+70.66	14.0' RT	8+94.65	14.0' RT									24.0	
IL 14	8+94.65	14.0' RT	9+20.65	14.0' RT									26.0	PE DEPR
IL 14	9+20.65	14.0' RT	9+71.17	14.0' RT									50.5	
IL 14	9+71.17	14.0' RT	10+04.72	14.0' RT									33.5	PE DEPR
IL 14	10+04.72	14.0' RT	11+01.04	14.0' RT									96.3	
IL 14	11+01.04	14.0' RT	11+45.04	14.0' RT									44.0	PE DEPR
IL 14	11+45.04	14.0' RT	12+52.33	14.0' RT									107.3	
IL 14	12+52.33	14.0' RT	12+76.13	14.0' RT									23.6	PE DEPR
IL 14	12+76.13	14.0' RT	12+99.93	12.0' RT									23.8	PE DEPR
IL 14	12+99.93	14.0' RT	14+41.15	14.0' RT									141.2	
IL 14	14+41.15	14.0' RT	14+69.15	14.0' RT									28.0	PE DEPR
IL 14	14+69.15	14.0' RT	15+17.64	14.0' RT									48.5	
IL 14	15+17.64	14.0' RT	15+35.64	32.1' RT									28.3	GRAND ST
IL 14	15+61.64	32.1' RT	15+78.85	14.1' RT									27.4	GRAND ST
SHEET 2 SUBTOTAL					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1947.2	
PAY ITEM TOTALS					20	78	261	256	246	172	6736	71	2894	

REMOVAL SCHEDULE

					HMA SURF REMOVAL BUTT JOINT (SQ YD)	PAVEMENT REMOVAL (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMB C&G REMOVAL (FOOT)	GUTTER REMOVAL SPECIAL (FOOT)	PAVED DITCH REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	HMA SURF REMOVAL 2 3/4" (SQ YD)	SURF REMVL VAR DEPTH SPECIAL (SQ YD)	NOTES
LOCATION														
ROADWAY	STATION	OFFSET	STATION	OFFSET										
IL 14	2+40.00	CL	2+50.00	CL	35.3									
IL 14	17+53.33	CL	17+78.33	CL	66.7									
IL 14	2+17.02	11.0' LT	16+20.00	11.0' LT		167.1								
IL 14	4+06.05	10.2' RT	4+97.50	9.0' RT		397.0								
IL 14	02+27.38	11.6' LT	02+75.95	11.2' LT		110.8								MARK FRANKLIN ST
IL 14	10+90.21	12.3' LT	11+48.39	12.3' LT		149.1								N FRANKLIN DR
IL 14	15+16.03	12.6' RT	15+71.49	12.7' RT		104.7								GRAND ST
IL 14	03+64.40	17.6' RT	04+02.67	15.1' RT			31.2							
IL 14	04+98.91	12.1' RT	05+34.98	12.4' RT			30.4							
IL 14	05+49.08	13.0' RT	05+87.39	12.8' RT			92.2							
IL 14	06+15.89	11.4' RT	06+65.36	11.2' RT			46.8							
IL 14	07+29.96	11.1' RT	07+53.54	11.7' RT			22.4							
IL 14	07+62.57	12.3' LT	08+10.89	12.1' RT			86.6							
IL 14	08+38.59	12.8' RT	08+66.79	12.6' RT			23.3							
IL 14	08+98.85	13.7' RT	09+17.54	13.8' RT			14.7							
IL 14	09+74.74	14.0' RT	09+99.21	14.1' RT			22.2							
IL 14	10+98.89	11.7' RT	11+42.37	11.1' RT			45.7							
IL 14	12+59.63	24.0' RT	12+71.33	24.7' RT			0.5							
IL 14	12+82.27	23.9' RT	12+91.76	23.4' RT			1.2							
IL 14	13+06.05	11.1' LT	13+48.76	12.5' LT			77.3							
IL 14	14+10.51	11.1' LT	14+58.23	12.0' LT			99.5							
IL 14	15+56.16	11.7' LT	16+12.10	11.1' LT			119.4							
IL 14	02+17.02	13.2' LT	02+36.62	31.7' LT				30.5						
IL 14	02+65.42	30.6' LT	02+79.10	12.1' LT				24.1						
IL 14	02+75.91	23.4' RT	03+65.75	23.0' RT				95.0						
IL 14	04+01.37	19.4' RT	04+35.41	13.0' RT				37.2						
IL 14	09+75.31	14.2' RT	09+78.53	24.9' RT				11.2						
IL 14	02+76.09	25.2' RT	02+81.77	24.7' RT					5.7					
IL 14	02+84.61	24.6' RT	03+63.60	18.0' RT					79.3					
IL 14	06+05.00	12.8' RT	15+00.00	12.8' RT					895.0					
IL 14	05+50.91	18.3' RT	05+99.74	18.4' RT						49.0				
IL 14	13+10.07	20.0' RT	13+48.34	20.0' RT						38.3				
IL 14	02+12.35	14.0' LT	02+32.59	20.8' LT							115.9			
IL 14	02+69.18	27.9' RT	03+64.25	18.7' RT							362.1			
IL 14	04+01.37	19.4' RT	04+08.95	19.5' RT							304.9			
IL 14	16+20.00	CL	17+53.33	CL								358.1		
IL 14	2+50.00	CL	16+20.00	CL									3206.9	
SUBTOTAL					102.0	928.7	713.4	198.0	980.0	87.3	782.9	358.1	3206.9	
PAY ITEM TOTALS					102	929	714	198	980	88	783	359	3207	

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PATCHING SCHEDULE (1 OF 2)								
LOCATION				CLASS C	CLASS C	CLASS C	CLASS C	NOTES
				PATCHES	PATCHES	PATCHES	PATCHES	
				TYPE I	TYPE II	TYPE III	TYPE IV	
ROADWAY	EB/WB	STATION	OFFSET	13"	13"	13"	13"	
				(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	
RURAL								
IL 14	WB	396+97.00	0'	4.00				PATCH 29
IL 14	EB	288+74.00	0'	2.67				PATCH 37
IL 14	WB	276+39.00	0'	4.00				PATCH 42
IL 14	EB	276+39.00	0'	4.00				PATCH 43
IL 14	EB	499+33.00	0'		5.33			PATCH 6
IL 14	WB	499+33.00	0'		5.33			PATCH 7
IL 14	WB	495+17.00	0'		8.00			PATCH 8
IL 14	WB	494+61.00	0'		5.33			PATCH 9
IL 14	EB	494+61.00	0'		5.33			PATCH 10
IL 14	EB	489+44.00	0'		5.33			PATCH 11
IL 14	WB	489+44.00	0'		5.33			PATCH 12
IL 14	WB	483+60.00	0'		5.33			PATCH 13
IL 14	EB	483+60.00	0'		5.33			PATCH 14
IL 14	WB	480+07.00	0'		5.33			PATCH 15
IL 14	EB	461+55.00	0'		8.00			PATCH 16
IL 14	EB	460+68.00	0'		5.33			PATCH 17
IL 14	WB	460+68.00	0'		5.33			PATCH 18
IL 14	WB	447+90.00	0'		8.00			PATCH 19
IL 14	EB	447+90.00	0'		5.33			PATCH 20
IL 14	WB	447+23.00	0'		5.33			PATCH 21
IL 14	EB	445+61.00	0'		5.33			PATCH 22
IL 14	EB	445+18.00	0'		6.67			PATCH 23
IL 14	EB	433+16.00	0'		5.33			PATCH 24
IL 14	WB	433+16.00	0'		5.33			PATCH 25
IL 14	WB	413+85.00	0'		5.33			PATCH 26
IL 14	WB	405+97.00	0'		5.33			PATCH 27
IL 14	WB	401+38.00	0'		6.67			PATCH 28
IL 14	WB	389+14.00	0'		5.33			PATCH 30
IL 14	EB	389+15.00	0'		8.00			PATCH 31
IL 14	EB	369+70.00	0'		10.67			PATCH 32
IL 14	EB	352+98.00	0'		5.33			PATCH 33
IL 14	EB	303+17.00	0'		5.33			PATCH 34
IL 14	WB	303+17.00	0'		5.33			PATCH 35
IL 14	WB	300+93.00	0'		5.33			PATCH 36
IL 14	EB	283+97.00	0'		10.00			PATCH 38
IL 14	EB	284+00.00	0'		5.33			PATCH 39
IL 14	WB	284+00.00	0'		5.33			PATCH 40
IL 14	WB	284+05.00	0'		5.33			PATCH 41
IL 14	WB	276+21.00	0'		5.33			PATCH 44
IL 14	EB	273+84.00	0'		5.33			PATCH 45
IL 14	EB	250+99.00	0'		5.33			PATCH 46
IL 14	WB	250+99.00	0'		5.33			PATCH 47
SHEET1 RURAL TOTAL				14.67	225.91	0.00	0.00	

PATCHING SCHEDULE (2 OF 2)								
LOCATION				CLASS C	CLASS C	CLASS C	CLASS C	NOTES
				PATCHES	PATCHES	PATCHES	PATCHES	
				TYPE I	TYPE II	TYPE III	TYPE IV	
ROADWAY	EB/WB	STATION	OFFSET	13"	13"	13"	13"	
				(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	
IL 14	EB	125+81.00	0'		5.33			PATCH 49
IL 14	EB	125+46.00	0'		5.33			PATCH 50
IL 14	WB	125+46.00	0'		5.33			PATCH 51
IL 14	EB	122+27.00	0'		5.33			PATCH 52
IL 14	EB	121+61.00	0'		5.33			PATCH 53
IL 14	WB	51+73.00	0'		10.00			PATCH 56
IL 14	WB	33+19.00	0'		5.33			PATCH 57
IL 14	EB	33+19.00	0'		5.33			PATCH 58
IL 14	WB	31+47.00	0'		6.67			PATCH 59
IL 14	WB	513+85.00	0'			16.67		PATCH 1
IL 14	EB	513+84.00	0'			16.67		PATCH 2
IL 14	EB	513+33.00	0'			16.67		PATCH 3
IL 14	EB	510+44.00	0'			16.67		PATCH 4
IL 14	WB	510+44.00	0'			16.67		PATCH 5
IL 14	EB	78+13.00	0'			16.67		PATCH 54
IL 14	EB	64+96.00	0'			16.00		PATCH 55
IL 14	WB	135+26.00	0'				33.33	PATCH 48
SHEET 2 RURAL SUBTOTAL				0.00	53.98	116.02	33.33	
URBAN								
IL 14	EB	22+12.00	0'		8.00			PATCH 61
IL 14	EB	22+20.00	0'		10.00			PATCH 62
IL 14	EB	12+96.00	0'		5.33			PATCH 63
IL 14	EB	09+02.00	0'		5.33			PATCH 64
IL 14	EB	04+10.00	0'		10.67			PATCH 65
IL 14	WB	26+78.00	0'			17.78		PATCH 60
SHEET 2 URBAN SUBTOTAL				0.0	39.3	17.8	0.0	
PAY ITEM TOTALS				15	320	134	34	

PIPE SCHEDULE

PIPE SCHEDULE							STORM SEWERS								TRENCH BACKFILL	CONCRETE COLLAR
							CLASS A, TYPE I				CLASS A, TYPE II					
							12"	18"	24"	36"	12"	18"	24"	36"		
REACH		PIPE SEGMENT	PIPE SIZE (IN.)	PIPE CLASS / TYPE	APPROXIMATE LENGTH (FT.)	SLOPE (%)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)	(CU YD)	
FROM	TO															
N1	N30	N101	36"	CLASS A, TYPE II	24	0.12								24.0	20.4	
N2	N1	N102	36"	CLASS A, TYPE II	79	0.10								79.2	67.8	
N3	N2	N103	36"	CLASS A, TYPE II	80	0.10								80.2	110.4	
N4	N3	N104	36"	CLASS A, TYPE II	56	0.10								55.6	76.0	
N5	N4	N105	36"	CLASS A, TYPE II	93	0.10								93.2	76.4	
N6	N5	N106	36"	CLASS A, TYPE II	44	0.10								44.3	33.5	
N7	N6	N107	36"	CLASS A, TYPE II	33	0.10								33.1	24.1	
N8	N7	N108	36"	CLASS A, TYPE II	30	0.10								30.0	21.5	
N9	N8	N109	36"	CLASS A, TYPE II	55	0.10								55.4	39.1	
N10	N9	N110	36"	CLASS A, TYPE II	31	0.10								31.3	22.1	
N11	N10	N111	36"	CLASS A, TYPE II	50	0.10								50.0	36.1	
N12	N11	N112	36"	CLASS A, TYPE II	70	0.10								70.0	52.6	
N13	N12	N113	36"	CLASS A, TYPE II	80	0.10								79.5	63.0	
N14	N13	N114	36"	CLASS A, TYPE II	86	0.10								86.0	71.7	
N15	N14	N115	36"	CLASS A, TYPE II	30	0.10								30.0	26.0	
N16	N15	N116	36"	CLASS A, TYPE II	58	0.10								57.6	51.8	
N17	N16	N117	36"	CLASS A, TYPE II	97	0.10								97.3	92.2	
N18	N17	N118	36"	CLASS A, TYPE II	21	0.10								20.9	20.1	
N19	N18	N119	36"	CLASS A, TYPE I	76	6.06			76.2					25.9		
EX	N20	N120	18"	CLASS A, TYPE II	10	39.12					9.9				0.32	
N20	N1	N121	36"	CLASS A, TYPE II	12	3.07							12.4	8.4		
EX	N3	N122	12"	CLASS A, TYPE I	19	15.23	19.4							5.2	0.24	
EX	N4	N123	12"	CLASS A, TYPE I	24	14	23.7							3.9	0.24	
EX	N21	N124	12"	CLASS A, TYPE I	4	50.65	4.1								0.24	
N21	N6	N125	12"	CLASS A, TYPE II	9	2.87				9.4				5.6		
EX	N22	N126	18"	CLASS A, TYPE II	4	32.90					4.1				0.32	
N22	N23	N127	18"	CLASS A, TYPE II	8	6.20					8.2					
N23	N9	N128	18"	CLASS A, TYPE II	14	3.84					13.7			7.6		
EX	N13	N129	18"	CLASS A, TYPE II	20	19.39					20.0			2.1	0.32	
EX	N24	N130	18"	CLASS A, TYPE I	4	39.21		4.3							0.32	
N24	N25	N131	18"	CLASS A, TYPE II	12	3.63					11.9					
N25	N14	N132	18"	CLASS A, TYPE II	11	3.99					10.6			8.3		
N26	N17	N133	12"	CLASS A, TYPE II	114	2.00				114.3				32.1		
EX	N30	N135	18"	CLASS A, TYPE II	15	12.34					14.6				0.32	
S1	EX	S101	24"	CLASS A, TYPE II	75	0.17						75.1		18.5		
S2	S1	S102	24"	CLASS A, TYPE II	74	0.17						74.3		24.4		
S3	S2	S103	24"	CLASS A, TYPE II	167	0.17						166.8		52.0		
S4	S3	S104	24"	CLASS A, TYPE II	64	0.17						64.2		16.7		
S5	S4	S105	24"	CLASS A, TYPE II	86	0.17						86.0		18.9		
S6	S5	S106	24"	CLASS A, TYPE II	51	0.18						51.0		10.1		
S7	S6	S107	24"	CLASS A, TYPE II	55	0.18						55.3		10.7		
S8	S7	S108	24"	CLASS A, TYPE II	45	0.20						45.4		9.0		
S9	S8	S109	24"	CLASS A, TYPE II	80	0.17						80.1		16.7		
S10	S9	S110	24"	CLASS A, TYPE II	83	0.18						82.9		18.6		
S11	S10	S111	24"	CLASS A, TYPE II	101	0.18						101.3		24.5		
S12	S11	S112	24"	CLASS A, TYPE II	105	0.17						105.3		27.7		
S13	S12	S113	24"	CLASS A, TYPE II	60	0.18						60.4		16.9		
S14	S13	S114	24"	CLASS A, TYPE II	60	0.18						60.4		17.8		
S15	S14	S115	24"	CLASS A, TYPE I	135	2.34			135.4					22.5		
S16	S3	S116	12"	CLASS A, TYPE II	6	2.36					5.9			0.3		
							47	4	135	76	130	93	1,109	1,030	1,309	2.4

MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$



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	DRAWN - RAH	REVISED -
	CHECKED - JMM	REVISED -
PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	30
CONTRACT NO. 78943				
		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT SCHEDULE

REACH		PIPE SEGMENT	PIPE SIZE (IN.)	PIPE CLASS / TYPE	APPROXIMATE LENGTH (FT.)	SLOPE (%)	PIPE CULVERTS	TRENCH BACKFILL
FROM	TO						(FOOT)	(CU YD)
N28	N27	N134	24"	CLASS A, TYPE I	126	0.28	126.0	4.0

DRAINAGE REMOVAL SCHEDULE

FROM		TO		TYPE	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 36"	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING INLETS	FILLING MANHOLES	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL	CLASS C PATCHES, TYPE II, 15 INCH	
STATION / OFFSET		STATION / OFFSET			EACH	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)	(CU YD)	(SQ YD)
2+70.85	10.39' RT	2+72.85	25.45' RT		27" RCP								15								8
2+70.85	10.39' RT	4+25.00	12.00' RT	27" RCP														154			
2+70.85	10.39' RT	--	--	--													1				
2+72.85	25.45' RT	2+83.19	24.60' RT	15" RCP						10											
2+72.85	25.45' RT	--	--	--										1							
2+76.54	23.34' LT	276.93	40.97' RT	18" RCP							18										
2+76.54	23.34' LT	--	--	--												1					
2+76.54	23.34' LT	2+94.89	23.78 LT'	42" X 29" RCP									18						7.7		
2+83.19	24.60' RT	--	--	--												1					
2+94.89	23.78' LT	--	--	--	1																
3+03.09	45.13' LT	3+03.99	27.89' LT	18" RCP		17															
4+25.00	12.00' RT	6+01.25	14.17' RT	27" RCP								176									
4+74.63	48.00' LT	4+75.14	30.99' LT	12" RCP					17												
5+01.51	18.30' RT	5+50.84	18.26' RT	12" RCP		49															
5+37.77	30.36' LT	5+50.47	48.00' LT	12" RCP					22												
5+43.81	24.38' LT	5+92.77	23.79' LT	36" X 24" CMP		49													5.0		
6+01.25	14.17' RT	6+01.35	18.43' RT	12" RCP					4												
6+01.25	14.17' RT	--	--	--											1						
6+01.25	14.17' RT	7+99.49	13.88' RT	27" RCP								198									
6+01.35	18.43' RT	--	--	--	1																
6+84.33	44.08' LT	6+84.34	30.45' LT	10" CPP				14													
7+58.30	22.28' LT	8+16.42	21.73' LT	40" X 24" RCP		58													9.2		
7+99.49	13.88' RT	10+95.40	14.19' RT	18" RCP							296										
7+99.49	13.88' RT	--	--	--												1					
8+12.31	47.00' LT	8+12.85	21.59' LT	18"							25										
8+12.85	21.59' LT	--	--	--											1						
8+54.88	13.94' RT	8+54.88	15.36' RT	6" PVC			1														
8+54.88	15.36' RT	--	--	--												1					
10+74.24	35.91' LT	10+74.61	48.00' LT	18" RCP		12															
10+94.17	22.70' LT	11+49.66	22.37' LT	34" X 24" CMP		55													2.4		
10+95.40	14.19' RT	13+09.50	14.25' RT	18" VCP							214										
10+95.40	14.19' RT	--	--	--												1					
11+50.96	29.73' LT	11+51.40	42.99' LT	18"		13															
13+08.93	20.28' RT	13+09.50	14.25' RT	RCP 12"					6												
13+08.93	20.28' RT	--	--	--												1					
13+08.93	20.28' RT	15+71.77	19.54' RT	18" VCP		263													32.7		
13+09.50	14.25' RT	--	--	--											1						
13+10.32	23.36' LT	13+52.66	23.49' LT	18" CMP		42													2.3		
14+17.90	24.15' LT	14+57.82	23.69' LT	24" CMP		40													0.4		
15+59.86	25.01' LT	16+08.18	24.63' LT	24" CMP		48													0.4		
					2	648	1	14	49	10	553	390	18	1	3	6	1	154	60	8	

MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$

STRUCTURE SCHEDULE

STRUCT. NO.	STATION	OFFSET		DESCRIPTION	RIM EL.	INVERT ELEVATION			
N1	3+05.19	15.47'	LT	MANHOLE TYPE A, 7' DIAMETER, TYPE 3 FRAME AND GRATE	444.84	436.95 (N)	436.89 (E)	436.89 (W)	
N2	3+90.11	22.63'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	445.10	436.96 (E)	436.96 (W)		
N3	4+75.23	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	445.21	438.64 (N)	437.04 (E)	437.04 (W)	
N4	5+36.26	24.45'	LT	MANHOLE TYPE A, 6' DIAMETER, TYPE 3 FRAME AND GRATE	445.17	438.20 (N)	437.10 (E)	437.10 (W)	
N5	6+35.00	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	444.91	437.19 (E)	437.19 (W)		
N6	6+84.34	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	444.81	438.44 (N)	437.24 (E)	437.24 (W)	
N7	7+22.40	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	444.77	437.27 (E)	437.27 (W)		
N8	7+57.40	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	444.75	437.30 (E)	437.30 (W)		
N9	8+18.27	24.45'	LT	MANHOLE TYPE A, 6' DIAMETER, TYPE 3 FRAME AND GRATE	444.79	437.41 (N)	437.36 (E)	437.36 (W)	
N10	8+55.00	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	444.85	437.39 (E)	437.39 (W)		
N11	9+10.00	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	444.98	437.44 (E)	437.44 (W)		
N12	9+85.00	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	445.21	437.51 (E)	437.51 (W)		
N13	10+70.00	24.45'	LT	MANHOLE TYPE A, 6' DIAMETER, TYPE 3 FRAME AND GRATE	445.46	439.00 (N)	437.59 (E)	437.59 (W)	
N14	11+61.98	24.45'	LT	MANHOLE TYPE A, 6' DIAMETER, TYPE 3 FRAME AND GRATE	445.73	438.00 (N)	437.67 (E)	437.67 (W)	
N15	11+97.50	25.08'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	445.84	437.70 (E)	437.70 (W)		
N16	12+60.05	23.09'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	446.06	437.76 (E)	437.76 (W)		
N17	13+62.25	19.04'	LT	MANHOLE TYPE A, 6' DIAMETER, TYPE 3 FRAME AND GRATE	446.43	437.86 (NE)	439.86 (E)	437.86 (W)	
N18	13+84.80	33.53'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 8 FRAME AND GRATE	445.30	437.88 (E)	437.88 (SW)		
N19	14+63.77	38.77"	LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 36"	442.50	442.50 (W)			
N20	3+03.99	32.82'	LT	MANHOLE TYPE A, 5' DIAMETER, MEDIAN INLET FOR 36" (900 mm) REINFORCED CONCRETE PIPE	442.71	438.41 (N)	437.33 (S)		
N21	6+84.33	38.48'	LT	MANHOLE TYPE A, 4' DIAMETER, TYPE 8 GRATE	443.63	440.28 (N)	438.82 (S)		
N22	8+10.94	40.58'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	444.59	440.06 (N)	439.51 (E)		
N23	8+23.02	42.00'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 8 GRATE	442.49	437.94 (S)	439.00 (W)		
N24	11+50.62	37.27'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	445.36	441.30 (N)	439.43 (E)		
N25	11+66.39	38.91'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 8 GRATE	444.51	438.44 (S)	439.00 (W)		
N26	14+81.44	16.20'	LT	INLET TYPE A, TYPE 3 FRAME AND GRATE	447.00	442.15 (W)			
N27	14+91.13	38.12'	LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	442.84	442.84 (E)			
N28	16+16.66	26.76'	LT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	443.20	443.20 (W)			
N29	2+76.51	23.86'	LT	MANHOLE TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	445.20	439.86 (N)	436.86 (E)	436.86 (W)	
S1	3+51.33	17.90'	RT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	445.05	439.06 (E)	439.06 (W)		
S2	4+30.00	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.39	439.19 (E)	439.19 (W)		
S3	6+01.28	13.08'	RT	MANHOLE TYPE A, 5' DIAMETER, TYPE 3 FRAME AND GRATE	445.25	439.47 (E)	440.42 (S)	439.47 (W)	
S4	6+70.00	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.08	439.58 (E)	439.58 (W)		
S5	7+60.01	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	444.99	439.73 (E)	439.73 (W)		
S6	8+15.00	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.03	439.82 (E)	439.82 (W)		
S7	8+74.31	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.13	439.92 (E)	439.92 (W)		
S8	9+23.73	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.26	440.01 (E)	440.01 (W)		
S9	10+07.80	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.51	440.15 (E)	440.15 (W)		
S10	10+94.71	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	445.77	440.30 (E)	440.30 (W)		
S11	12+00.00	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	446.08	440.48 (E)	440.48 (W)		
S12	13+09.31	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	446.41	440.66 (E)	440.66 (W)		
S13	13+73.73	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	446.60	440.77 (E)	440.77 (W)		
S14	14+38.15	13.58'	RT	MANHOLE TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	446.83	440.88 (E)	440.88 (W)		
S15	15+75.16	23.69'	RT	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	444.05	444.05 (W)			
S16	6+01.28	23.00'	RT	INLET TYPE A, TYPE 8 GRATE	443.59	440.56 (N)			

MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$

STRUCTURE SUMMARY SCHEDULE

STRUCT. NO.	STATION	OFFSET	MANHOLES								INLETS		PRECAST REINFORCED CONCRETE FLARED END SECTIONS	
			4'-DIAMETER		5'-DIAMETER				6'-DIAMETER	7'-DIAMETER	TYPE A			
			TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	MEDIAN INLET FOR 36" RCP	TYPE 3 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	24"	36"
			(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
N1	3+05.19	15.47' LT								1				
N2	3+90.11	22.63' LT				1								
N3	4+75.23	25.08' LT				1								
N4	5+36.26	24.45' LT							1					
N5	6+35.00	25.08' LT				1								
N6	6+84.34	25.08' LT				1								
N7	7+22.40	25.08' LT				1								
N8	7+57.40	25.08' LT				1								
N9	8+18.27	24.45' LT							1					
N10	8+55.00	25.08' LT				1								
N11	9+10.00	25.08' LT				1								
N12	9+85.00	25.08' LT				1								
N13	10+70.00	24.45' LT							1					
N14	11+61.98	24.45' LT							1					
N15	11+97.50	25.08' LT				1								
N16	12+60.05	23.09' LT				1								
N17	13+62.25	19.04' LT							1					
N18	13+84.80	33.53' LT					1							
N19	14+63.77	38.77' LT												1
N20	3+03.99	32.82' LT						1						
N21	6+84.33	38.48' LT		1										
N22	8+10.94	40.58' LT			1									
N23	8+23.02	42.00' LT					1							
N24	11+50.62	37.27' LT			1									
N25	11+66.39	38.91' LT					1							
N26	14+81.44	16.20' LT								1				
N27	14+91.13	38.12' LT											1	
N28	16+16.66	26.76' LT											1	
N29	2+76.51	23.86' LT			1									
S1	3+51.33	17.90' RT				1								
S2	4+30.00	13.58' RT	1											
S3	6+01.28	13.08' RT				1								
S4	6+70.00	13.58' RT	1											
S5	7+60.01	13.58' RT	1											
S6	8+15.00	13.58' RT	1											
S7	8+74.31	13.58' RT	1											
S8	9+23.73	13.58' RT	1											
S9	10+07.80	13.58' RT	1											
S10	10+94.71	13.58' RT	1											
S11	12+00.00	13.58' RT	1											
S12	13+09.31	13.58' RT	1											
S13	13+73.73	13.58' RT	1											
S14	14+38.15	13.58' RT	1											
S15	15+75.16	23.69' RT											1	
S16	6+01.28	23.00' RT										1		
			12	1	3	13	3	1	5	1	1	1	3	1

MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$



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USER NAME = ahevrdajs

DESIGNED - BLY

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DRAWN - RAH

REVISED -

CHECKED - JMM

REVISED -

PLOT DATE = 4/8/2025

DATE - 3/19/2025

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
SCHEDULE OF QUANTITIES

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

F.A.P.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

853

(5,6,7) RS-3

FRANKLIN

94

33

CONTRACT NO. 78943

ILLINOIS FED. AID PROJECT

MODEL: Sched17 [Sheet]
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SHORT TERM PAVEMENT MARKING & RAISED REFLECTOR SCHEDULE
(WEST OF THE RAILROAD TRACKS)

LOCATION					SHORT	SHORT TERM	RAISED	RAISED	NOTES
					TERM	PAVEMENT	REFLECTIVE	REFLECTIVE	
					PAVEMENT	MARKING	PAVEMENT	PAVEMENT	
					MARKING	REMOVAL	MARKER	MRK REMOVAL	
ROADWAY	STATION	OFFSET	STATION	OFFSET	(FOOT)	(SQ FT)	(EACH)	(EACH)	
IL 14	0+33.87				144	48.0			STOP BAR
IL 14	2+24.00	7.0' RT	2+87.00	2.3' LT	32.0	10.7			DOUBLE YELLOW
IL 14	2+87.00	2.3' LT	12+00.00	12.0' LT	368.0	122.7			TWO-WAY LEFT TURN
IL 14	12+00.00	12.0' LT	15+60.00	CL	144.0	48.0			DOUBLE YELLOW
IL 14	2+24.00	13.0' RT	2+87.00	9.0' RT	32.0	10.7			DOUBLE YELLOW
IL 14	2+87.00	9.0' RT	12+00.00	CL	368.0	122.7			TWO-WAY LEFT TURN
IL 14	12+00.00	CL	17+78.00	CL	224.0	74.7			DOUBLE YELLOW
IL 14	17+60.00				72.0	24.0			STOP BAR
IL 14	0+33.87	1.0' RT	1+74.00	1.0' RT			4.0	11.0	1 WAY CRYSTAL
IL 14	0+33.87	13.0' RT	1+74.00	13.0' RT			8.0		2 WAY AMBER
IL 14	1+74.00	13.0' RT	2+86.90	2.3' LT			3.0		1 WAY AMBER
IL 14	1+74.00	13.0' RT	2+86.95	9.0' RT			3.0		1 WAY AMBER
IL 14	2+86.90	2.3' LT	12+00.00	12.0' LT			23.0		2 WAY AMBER
IL 14	2+86.95	9.0' RT	12+00.00	CL			23.0		2 WAY AMBER
IL 14	12+00.00	12.0' LT	15+59.60	CL			9.0		1 WAY AMBER
IL 14	12+00.00	CL	15+59.60	CL			14.0		1 WAY AMBER
IL 14	15+59.60	CL	16+80.00	CL			6.0		2 WAY AMBER
IL 14	16+80.00	CL	17+68.48				2.0		2 WAY AMBER
IL 14	1+74.00		2+69.02					2.0	
IL 14	1+74.00		4+04.86					6.0	
IL 14	4+04.86		17+77.72					17.0	
NOMINAL						2600.5			
SUBTOTALS					1384.0	3061.8	95.0	36.0	
PAY ITEM TOTALS					1384	3062	95	36	

MODEL: Sched18 [Sheet]
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SHORT TERM PAVEMENT MARKING & RAISED REFLECTOR SCHEDULE EAST OF THE RAILROAD TRACKS (1 OF 2)							
LOCATION			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKERS	
		LENGTH	4"	REMOVAL	(2-WAY AMBER)	REMOVAL	
		(INFO ONLY)					
		FOOT	FOOT	SQ FT	EACH	EACH	
STATION TO STATION							
FAP 853 (IL 14) (FRANKLIN COUNTY)							
URBAN							
17+83.00	CENTER OF RR TRACKS						
17+87.67	TO	21+67.00	380	80	27	5	5
18+06.00	LT			39	13		
21+67.00	TO	31+11.20	945	192	64	12	12
EQ STA 31+11.20 (BK) = STA -0+40.50 (AH)							
-0+40.50	TO	-0+00.00	41	8	3	1	1
EQ STA -0+00 (BK) = STA 0+00 (AH)							
0+00.00	TO	19+05.12	1906	384	128	24	24
19+05.12	TO	23+71.61	OMIT (CONTRACT 78B23)				
23+71.61	TO	26+91.00	320	64	22	4	4
NOMINAL				3005.9			
EAST OF RAILROAD TRACKS URBAN TOTALS			767	3262.9	46	46	
RURAL							
26+91.00	TO	30+30.80	340	72	24	5	5
EQ STA 30+30.80 (BK) = STA 30+32.90 (AH)							
30+32.90	TO	49+63.30	1931	384	128	25	25
EQ STA 49+63.30 (BK) = STA 49+62.80 (AH)							
49+62.80	TO	78+95.90	2934	584	195	37	37
EQ STA 78+95.90 (BK) = STA 78+98.46 (AH)							
78+98.46	TO	149+42.00	7044	1408	470	89	89
149+42.00	TO	150+00.50	GAP 028-0075				
SCHEDULE 1 RURAL TOTALS			2448	817	156	156	

SHORT TERM PAVEMENT MARKING & RAISED REFLECTOR SCHEDULE EAST OF THE RAILROAD TRACKS (2 OF 2)							
LOCATION			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKERS	
		LENGTH	4"	REMOVAL	(2-WAY AMBER)	REMOVAL	
		(INFO ONLY)					
		FOOT	FOOT	SQ FT	EACH	EACH	
STATION TO STATION		150+00.50	TO	208+00.00	5800	1160	387
							73
EQ STA 208+00.00 (BK) = STA 207+66.30 (AH)							
207+66.30	TO	208+29.00	63	16	6	1	1
208+29.00	TO	208+72.63	GAP 028-0024				
208+72.63	TO	241+19.58	3247	648	216	41	41
241+19.58	TO	241+50.42	GAP 028-0025				
241+50.42	TO	283+68.81	4219	840	280	53	53
283+68.81	TO	284+01.19	GAP 028-0026				
284+01.19	TO	351+31.20	6731	1344	448	85	85
EQ STA 351+31.20 (BK) = STA 351+27.20 (AH)							
351+27.20	TO	368+21.00	1694	336	112	22	22
368+21.00	TO	368+89.00	GAP 028-0074				
368+89.00	TO	441+04.58	7216	1440	480	91	91
441+04.58	TO	441+47.42	GAP 028-0028				
441+47.42	TO	449+06.00	759	152	51	10	10
449+06.00	TO	449+72.00	GAP 028-0029				
449+72.00	TO	521+00.00	7128	1424	475	90	90
NOMINAL				15384			
SCHEDULE 2 RURAL TOTALS			7360	17839	466	466	
EAST OF RAILROAD TRACKS IL 14 TOTALS			10575	21919	668	668	

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PAVEMENT MARKING SCHEDULE WEST OF THE RAILROAD TRACKS																	
LOCATION					THERMOPLASTIC PAVEMENT MARKING									NOTES			
				LENGTH	SOLID	SOLID	SOLID LT	SOLID RT	SKIP DASH	SOLID	SOLID	SOLID	SOLID			SOLID	LETTERS
					WHITE	WHITE	YELLOW	YELLOW	YELLOW	WHITE	WHITE	WHITE	YELLOW			WHITE	&
				4"	4"	4"	4"	4"	4"	6"	12"	12"	12"			24"	SYMBOLS
(INFO ONLY)				EDGE LINES	TURN BAY	CENTER LINES			CROSSWALK	CROSSWALK	CHEVRON	DIAGONAL					
STATION TO STATION				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT			
FAP 853 (IL 14) (FRANKLIN COUNTY)																	
URBAN																	
-0+21.92	(IL 37 INTERSECTION)																
0+24.87									74								
0+30.87									65								
0+27.87										108							
0+33.87				11								24					
0+33.87	TO	0+73.82			42						21						
0+33.87	TO	1+74.00	141		141		282										
1+47.52													72.8	TWO ARROWS & "ONLY"S			
1+74.00	TO	2+87.00	113			226	226					51					
2+87.00	TO	12+00.00	913			913	913	457									
3+86.74													31.2	TWO ARROWS			
5+86.56													31.2	TWO ARROWS			
8+36.56													31.2	TWO ARROWS			
10+86.66													31.2	TWO ARROWS			
12+00.00	TO	15+60.00	360			720	720					156					
13+90.00													12				
14+15.00														61.2			
14+40.00													12	RR "X" & TWO "R"s			
15+60.00	TO	17+78.33	219			219	219										
15+78.85	TO	17+78.33	200	200													
16+20.00	TO	17+78.33	159	159													
17+60.00													12				
17+83.00	(CENTER OF RR TRACKS)																
URBAN TOTALS				370	183	2078	2360	457	139	108	21	207	60	259			
IL 14 PAVEMENT MARKING TOTALS				5448				139	336			60	259				

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PAVEMENT MARKING SCHEDULE EAST OF THE RAILROAD TRACKS (1 OF 3)											
LOCATION				THERMOPLASTIC PAVEMENT MARKING						NOTES	
				LENGTH	SOLID	SOLID LT	SOLID RT	SKIP DASH	SOLID		LETTERS
					WHITE	YELLOW	YELLOW	YELLOW	WHITE		&
					4"	4"	4"	4"	24"		SYMBOLS
				(INFO ONLY)	EDGE LINES	CENTERLINES					
STATION TO STATION		FOOT		FOOT	FOOT	FOOT	FOOT	SQ FT			
FAP 853 (IL 14) (FRANKLIN COUNTY)											
URBAN											
17+83.00	CENTER OF RR TRACKS										
17+87.67	TO	21+67.00	380	760	380		95				
18+06.00	LT							13			
21+35.00	LT							13			
21+61.00	LT								61.2	RR "X" & TWO "R"s	
21+85.00	LT							13			
21+67.00	TO	31+11.20	945	1890			237				
EQ STA 31+11.20 (BK) = STA -0+40.50 (AH)											
-0+40.50	TO	-0+00.00	41	82			11				
EQ STA -0+00 (BK) = STA 0+00 (AH)											
0+00.00	TO	12+94.00	1294	2588			324				
12+94.00	TO	19+05.12	612	1224		612	153				
19+05.12	TO	23+71.61	OMIT (CONTRACT 78B23)								
23+71.61	TO	24+46.00	75	150		75	19				
24+46.00	TO	26+91.00	245	490	245	245					
EAST OF RAILROAD TRACKS URBAN TOTALS				7184	625	932	839	39	62		
RURAL											
26+91.00	TO	30+30.80	340	680	340	340					
EQ STA 30+30.80 (BK) = STA 30+32.90 (AH)											
30+32.90	TO	46+32.00	1600	3200	1600	1600					
46+32.00	TO	49+63.30	332	664	332		83				
EQ STA 49+63.30 (BK) = STA 49+62.80 (AH)											
49+62.80	TO	57+46.00	784	1568	784		196				
57+46.00	TO	61+63.00	417	834			105				
61+63.00	TO	75+56.00	1393	2786		1393	349				
75+56.00	TO	78+95.90	340	680	340		85				
EQ STA 78+95.90 (BK) = STA 78+98.46 (AH)											
78+98.46	TO	86+81.00	783	1566	783		196				
86+81.00	TO	107+68.00	2087	4174			522				
107+68.00	TO	118+50.00	1082	2164		1082	271				
118+50.00	TO	147+07.00	2857	5714	2857	2857					
147+07.00	TO	158+42.00	1135	2270	1135		284				
149+42.00	TO	150+00.50	GAP 028-0075								
SCHEDULE 1 RURAL TOTALS				26300	8171	7272	2091	0	0		

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PAVEMENT MARKING SCHEDULE EAST OF THE RAILROAD TRACKS (2 OF 3)										
LOCATION				THERMOPLASTIC PAVEMENT MARKING						NOTES
			LENGTH	SOLID	SOLID LT	SOLID RT	SKIP DASH	SOLID	LETTERS	
				WHITE	YELLOW	YELLOW	YELLOW	WHITE	&	
				4"	4"	4"	4"	24"	SYMBOLS	
(INFO ONLY)			EDGE LINES	CENTERLINES						
STATION TO STATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
150+00.50	TO	158+42.00	842	1684	842			211		
158+42.00	TO	159+48.00	106	212				27		
159+48.00	TO	166+50.00	702	1404		702		176		
166+50.00	TO	169+98.00	348	696				87		
169+98.00	TO	177+22.00	724	1448	724			181		
177+22.00	TO	208+00.00	3078	6156				770		
EQ STA 208+00.00 (BK) = STA 207+66.30 (AH)										
207+66.30	TO	208+29.00	63	126				16		
208+29.00	TO	208+72.63	GAP 028-0024							
208+72.63	TO	232+90.00	2418	4836				605		
232+90.00	TO	241+19.58	830	1660		830		208		
241+19.58	TO	241+50.42	GAP 028-0025							
241+50.42	TO	243+62.00	212	424		212		53		
243+62.00	TO	255+66.00	1204	2408	1204			301		
255+66.00	TO	261+04.00	538	1076		538		135		
261+04.00	TO	267+22.00	618	1236				155		
267+22.00	TO	273+03.00	581	1162	581			146		
273+03.00	TO	283+68.81	1066	2132				267		
283+68.81	TO	284+01.19	GAP 028-0026							
284+01.19	TO	293+57.00	956	1912				239		
293+57.00	TO	298+69.00	512	1024		512		128		
298+69.00	TO	303+86.00	517	1034				130		
303+86.00	TO	309+30.00	544	1088	544			136		
309+30.00	TO	336+70.00	2740	5480				685		
336+70.00	TO	347+84.00	1114	2228		1114		279		
347+84.00	TO	351+31.20	348	696	348			87		
SCHEDULE 2 RURAL TOTALS				40122	4243	3908	5022	0	0	

EFK•Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
		DRAWN - Z.J.W.	REVISED -
		CHECKED - S.L.D.	REVISED -
	PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14) SCHEDULE OF QUANTITIES	
SCALE:	SHEET 20 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	38
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKING SCHEDULE EAST OF THE RAILROAD TRACKS (3 OF 3)										
LOCATION				THERMOPLASTIC PAVEMENT MARKING						NOTES
			LENGTH	SOLID	SOLID LT	SOLID RT	SKIP DASH	SOLID	LETTERS	
				WHITE	YELLOW	YELLOW	YELLOW	WHITE	&	
				4"	4"	4"	4"	24"	SYMBOLS	
			(INFO ONLY)	EDGE LINES	CENTERLINES					
STATION TO STATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
EQ STA 351+31.20 (BK) = STA 351+27.20 (AH)										
351+27.20	TO	358+82.00	755	1510	755		189			
358+52.00	TO	368+21.00	969	1938			243			
368+21.00	TO	368+89.00	GAP 028-0074							
368+89.00	TO	380+12.00	1123	2246			281			
380+12.00	TO	390+20.00	1008	2016		1008	252			
390+20.00	TO	394+05.00	385	770	385	385				
394+05.00	TO	404+90.00	1085	2170	1085		272			
404+90.00	TO	441+04.58	3615	7230			904			
441+04.58	TO	441+47.42	GAP 028-0028							
441+47.42	TO	449+06.00	759	1518			190			
449+06.00	TO	449+72.00	GAP 028-0029							
449+72.00	TO	477+22.00	2750	5500			688			
477+22.00	TO	485+77.00	855	1710		855	214			
485+77.00	TO	486+93.00	116	232			29			
486+93.00	TO	495+02.00	809	1618	809		203			
495+02.00	TO	505+42.00	1040	2080		1040	260			
505+42.00	TO	512+13.00	671	1342	671	671				
512+13.00	TO	521+00.00	887	1774	887		222			
SCHEDULE 3 RURAL TOTALS				33654	4592	3959	3947	0	0	
EAST OF RAILROAD TRACKS IL 14 TOTALS				107260	17631	16071	11899	39	62	

SIGN SCHEDULE						
EXISTING LOCATION			SIGN PANEL	WOOD	NOTES	
				SIGN		
			TYPE 1	SUPPORT		
ROADWAY	STATION	OFFSET	(SQ FT)	(FOOT)	TYPE	DESCRIPTION
IL 14	4+25.00	21' RT	6.0	15.1	R3-9b	TWO-WAY LEFT TURN ONLY
IL 15	10+60.00	35.6' LT	6.0	15.0	R3-9b	TWO-WAY LEFT TURN ONLY
SUBTOTALS			12.0	30.1		
PAY ITEM TOTALS			12	31		

MODEL: SMODELFILES
FILE NAME: SFLEABBREV\$



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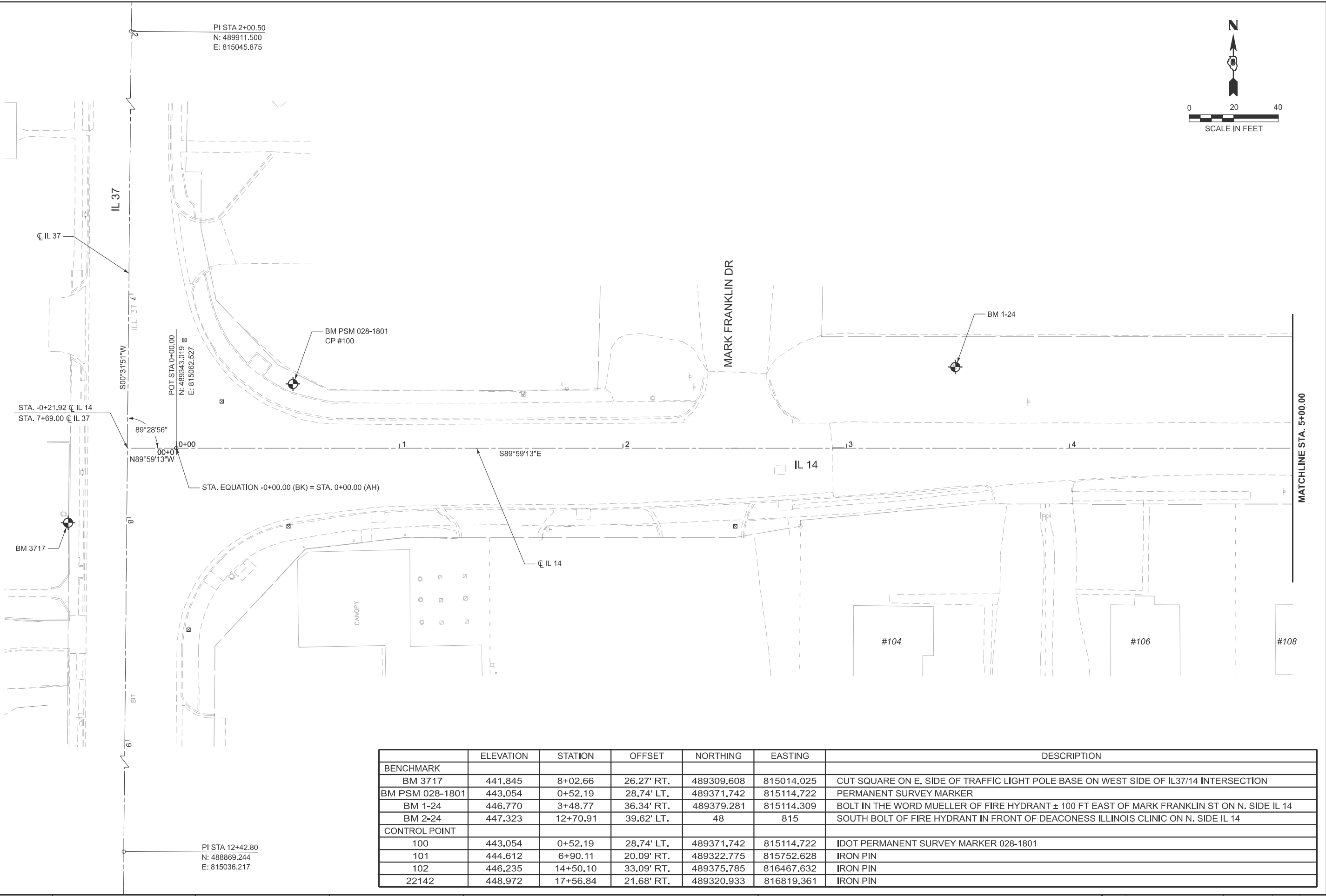
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	DRAWN - RAH	REVISED -
	CHECKED - JMM	REVISED -
PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -

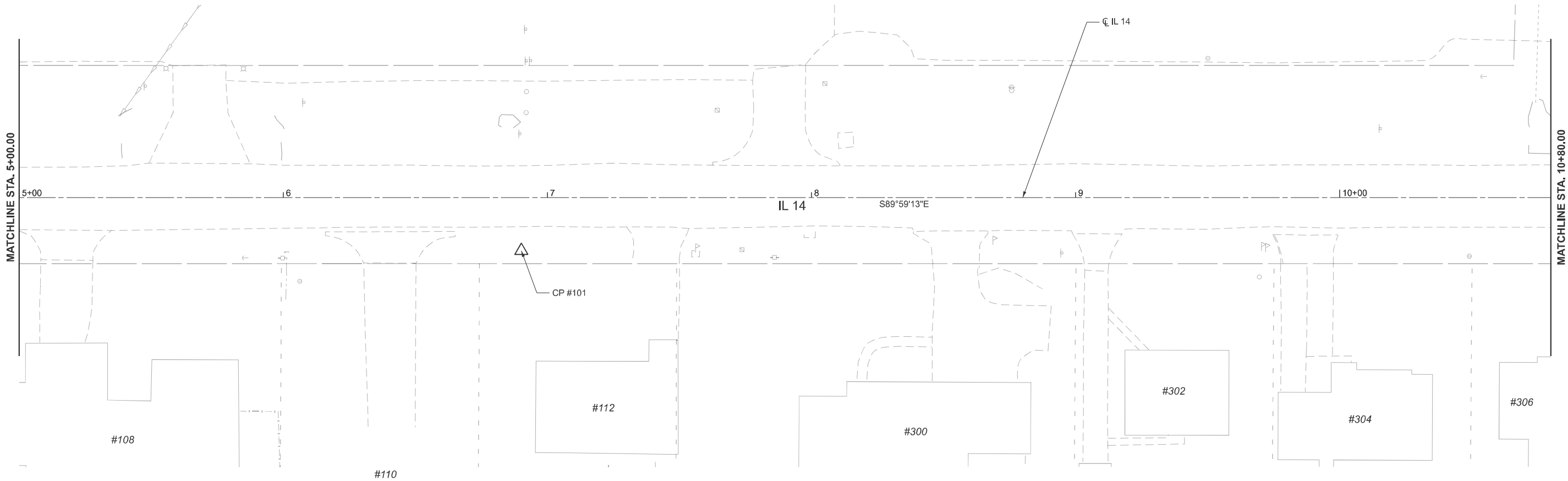
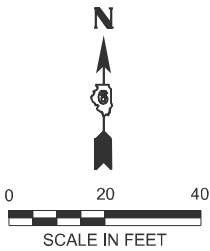
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 0+00.00 TO STA. 5+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	40
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				





MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$



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USER NAME	= ahevdejs
PLOT DATE	= 4/8/2025

DESIGNED	- BLY
DRAWN	- RAH
CHECKED	- JMM
DATE	- 3/19/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=20'

SHEET 2 OF 4 SHEETS

STA. 5+00.00

TO STA. 10+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	41
CONTRACT NO. 78943				
ILLINOIS		FED. AID PROJECT		

MODEL: SMODELFILES
FILE NAME: SFLEABBREV\$



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USER NAME	= ahevrdajs
DESIGNED	- BLY
DRAWN	- RAH
CHECKED	- JMM
PLOT DATE	= 4/8/2025

DESIGNED	- BLY
DRAWN	- RAH
CHECKED	- JMM
DATE	- 3/19/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=20'

SHEET 3

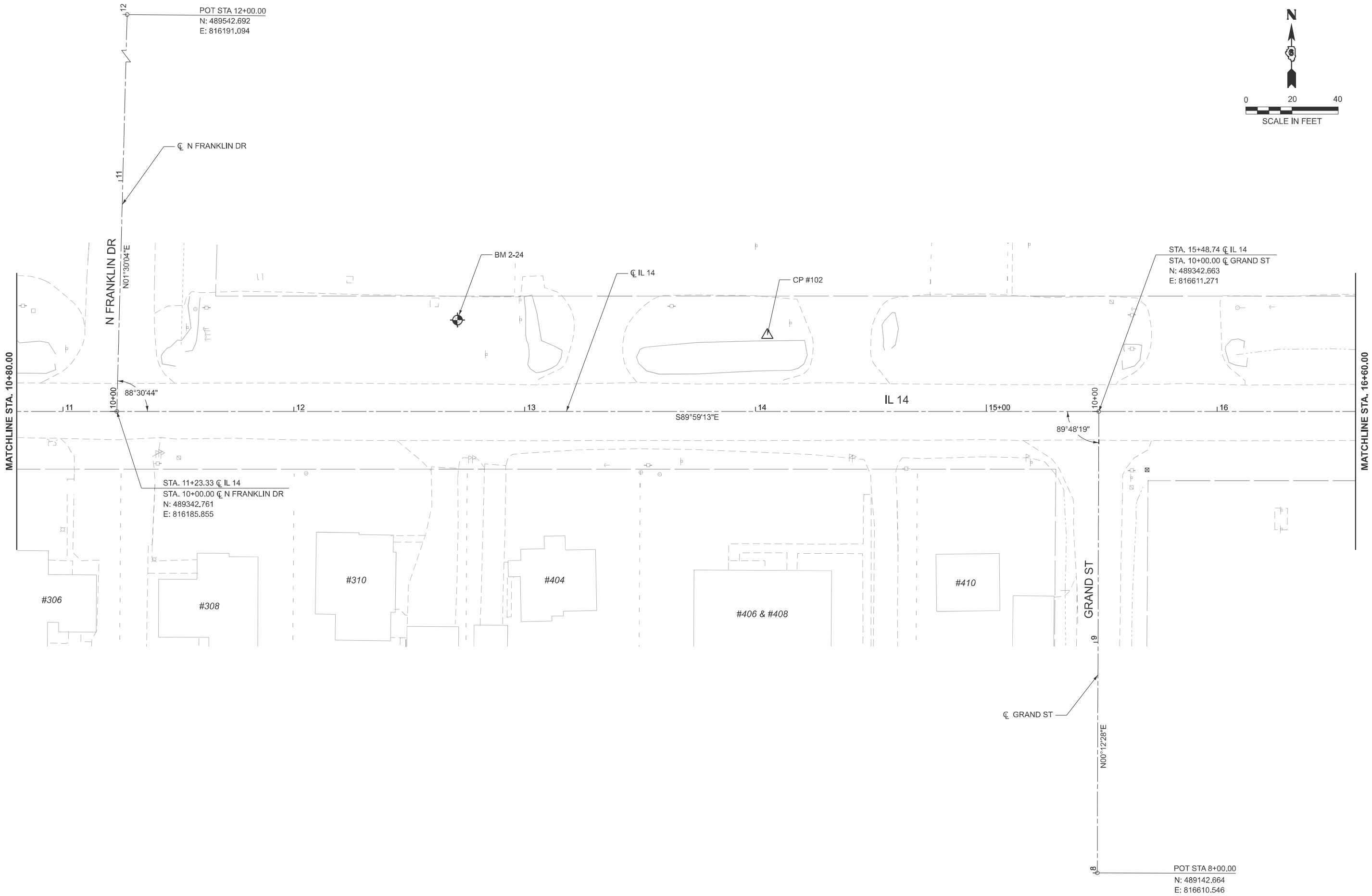
OF 4

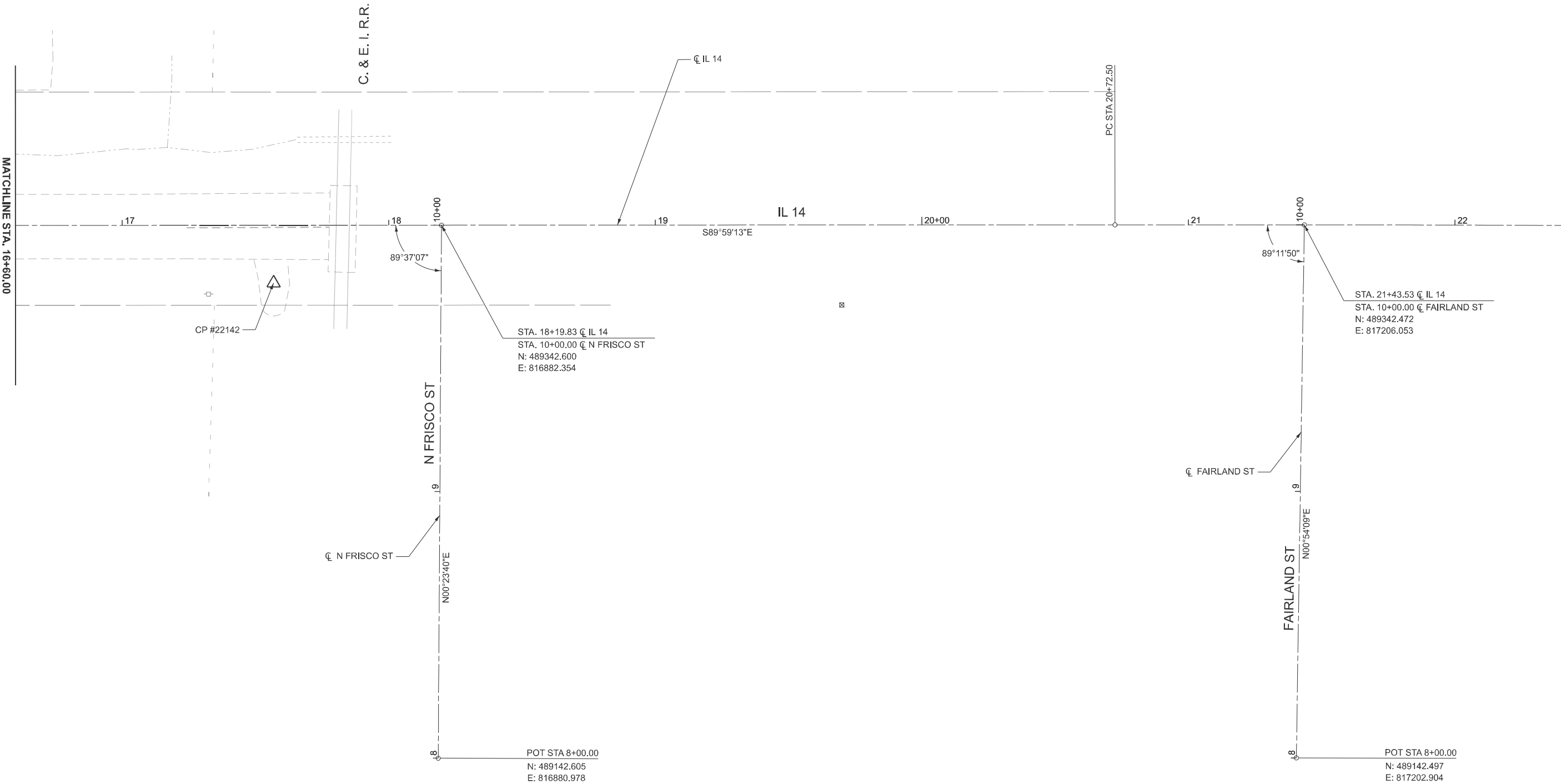
SHEETS

STA. 10+80.00

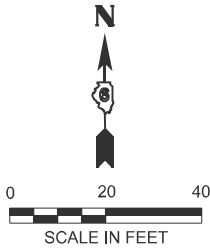
TO STA. 16+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	42
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				





EX CURVE
PI STA = 23+90.13
Δ = 00°46'20" (RT)
D = 00°07'18"
R = 47,127.76'
T = 317.62'
L = 635.24'
E = 1.07'
e = _____
PC STA = 20+72.50
PT STA = 27+07.74



MODEL: SMODELFILES
FILE NAME: SFLEABBREV\$



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	DRAWN - RAH	REVISED -
	CHECKED - JMM	REVISED -
PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -

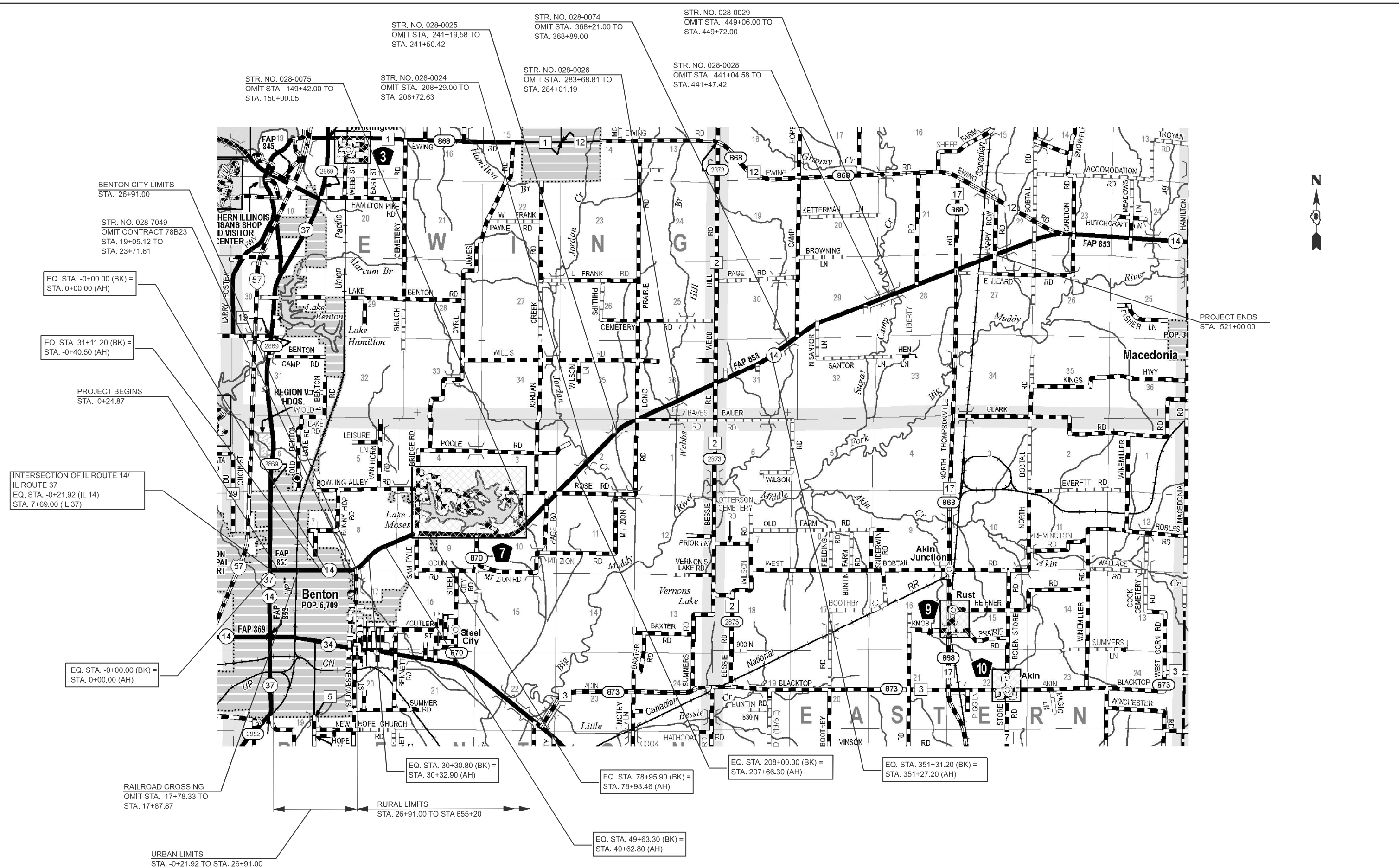
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 16+60.00 TO STA. 22+40.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	43
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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EFK•Moen
Civil Engineering Design

USER NAME = ahevdejs	DESIGNED - A.E.H.	REVISED -
	DRAWN - S.J.F.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/1/2025	DATE - 3/19/2025	REVISED -

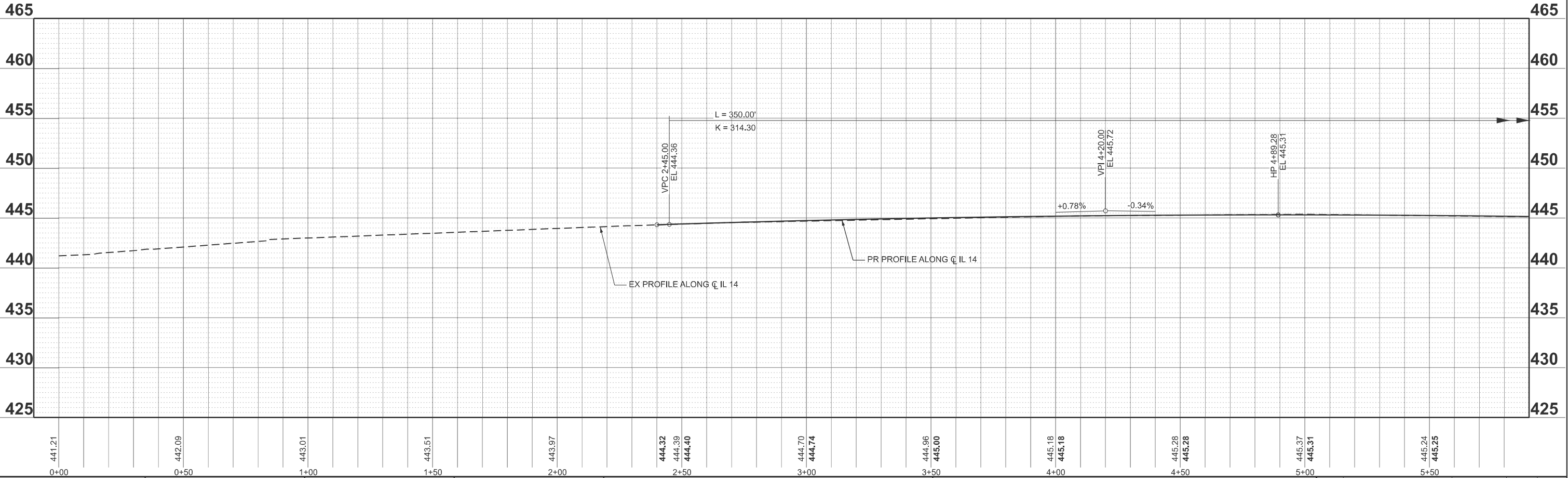
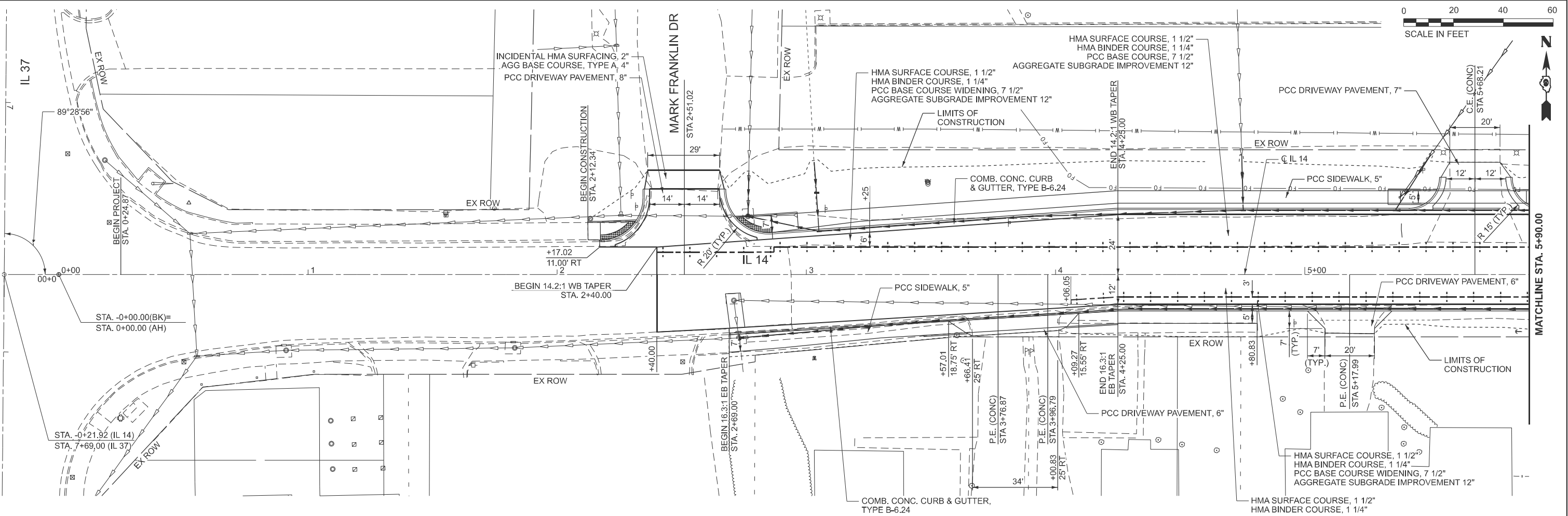
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
LOCATION MAP

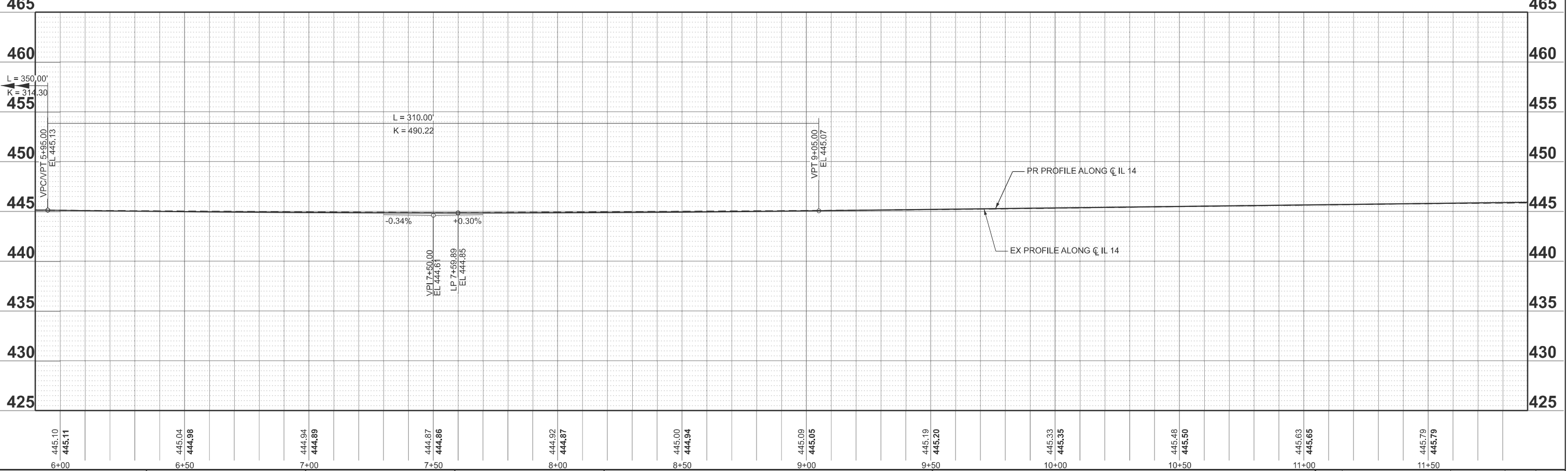
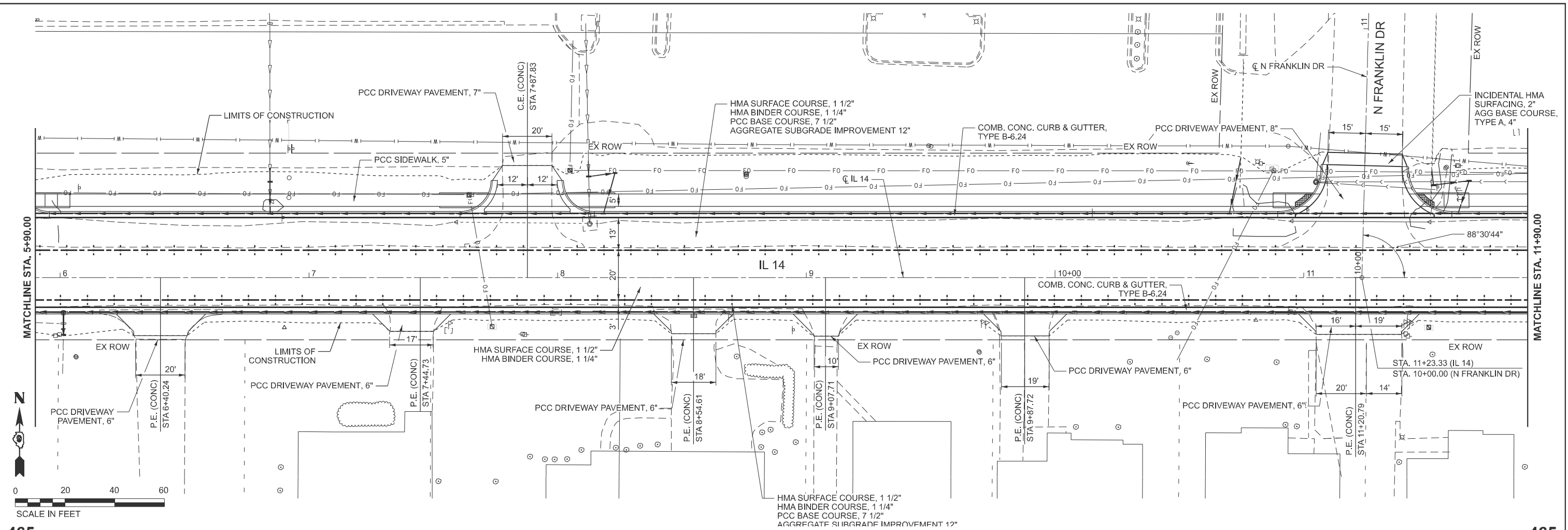
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F.A.P. RTE. 853	SECTION (5,6,7) RS-3	COUNTY FRANKLIN	TOTAL SHEETS 94	SHEET NO. 44
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

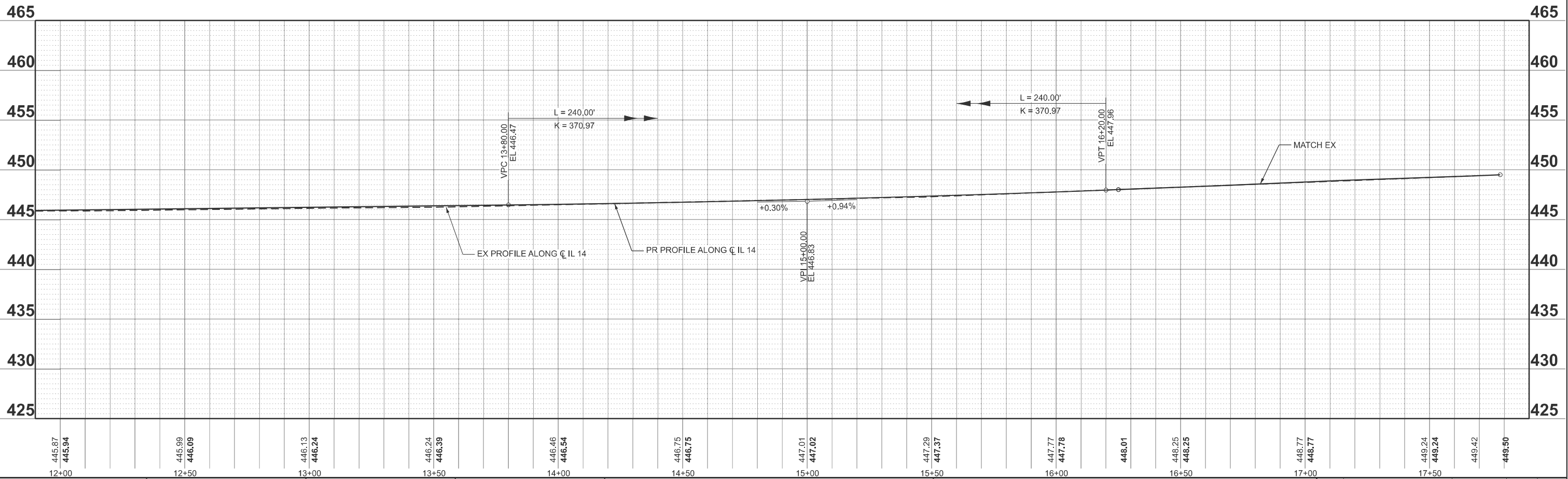
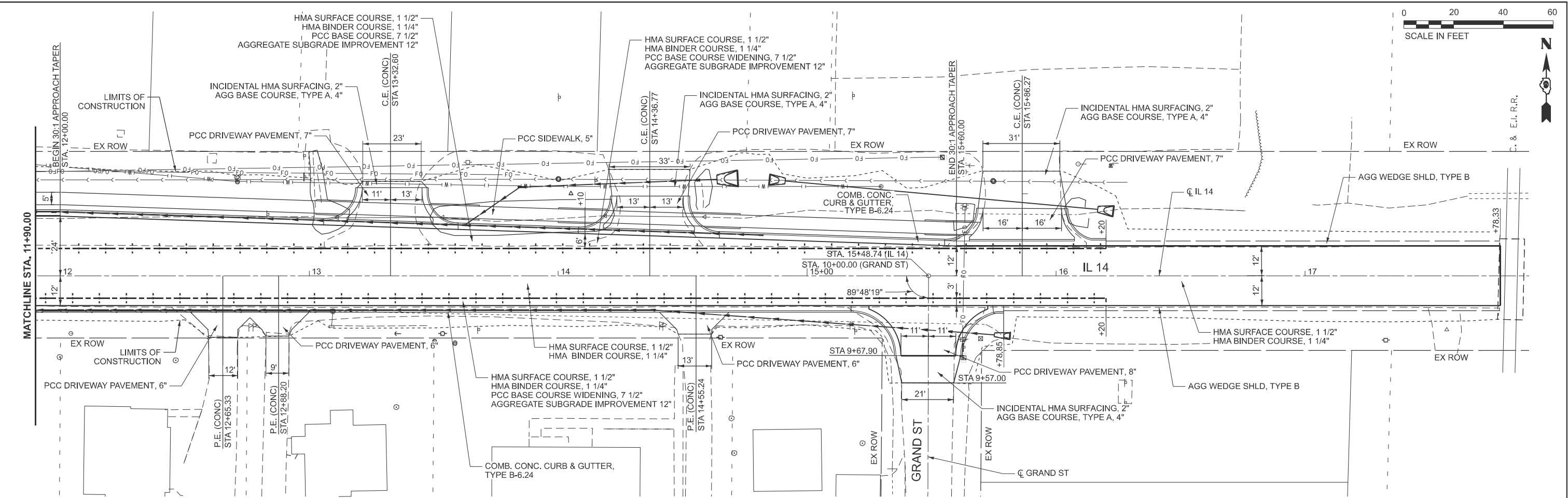
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EFK♦Moen Civil Engineering Design	USER NAME = ahevrdjs	DESIGNED - A.E.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. 853 (ILLINOIS ROUTE 14) PLAN & PROFILE				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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		CHECKED - S.L.D.	REVISED -						CONTRACT NO. 78943							
	PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -													
				SCALE: 1"=20'		SHEET 1	OF 3	SHEETS	STA. 0+00.00		TO STA. 5+90.00		ILLINOIS		FED. AID PROJECT	



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EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. 853 (ILLINOIS ROUTE 14) PLAN & PROFILE				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - Z.J.W.	REVISED -		853	(5,6,7) RS-3	FRANKLIN	94	47				
		CHECKED - S.L.D.	REVISED -		CONTRACT NO. 78943								
	PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -		SCALE: 1"=20'	SHEET 3	OF 3 SHEETS	STA. 11+90.00	TO STA. 17+90.00	ILLINOIS FED. AID PROJECT			

STAGE CONSTRUCTION GENERAL NOTES

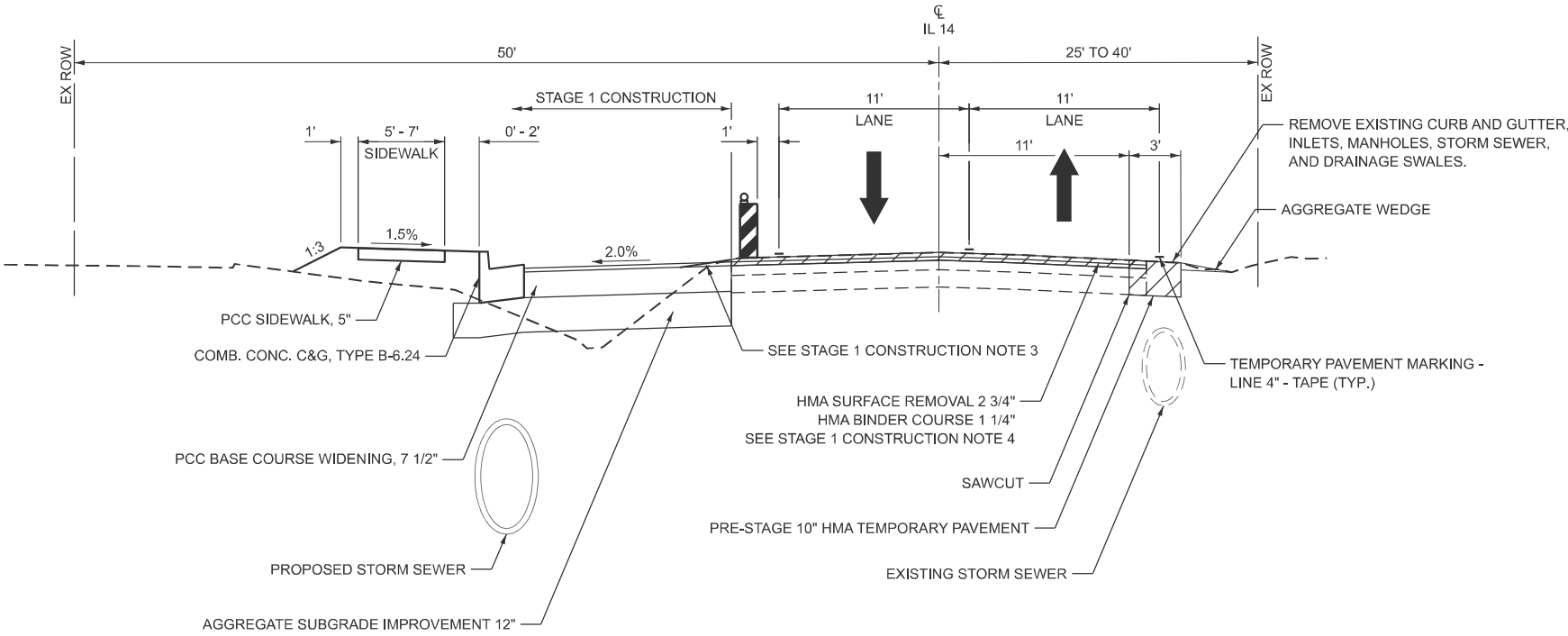
- 1. ONE LANE OF TRAFFIC IN EACH DIRECTION ON IL 14 SHALL BE MAINTAINED AT ALL TIMES.
- 2. EMERGENCY ACCESS SHALL BE PROVIDED AT ALL TIMES.
- 3. ACCESS TO AT LEAST ONE ENTRANCE AND ONE PUBLIC ROADWAY ADJACENT TO FRANKLIN HOSPITAL SHALL BE OPEN AT ALL TIMES.
- 4. ACCESS TO EVERY RESIDENCE AND AT LEAST ONE ENTRANCE TO EVERY BUSINESS SHALL BE MAINTAINED AT ALL TIMES. ENTRANCES SHALL BE CONSTRUCTED ONE HALF AT A TIME TO ENSURE CONTINUOUS VEHICLE ACCESS TO AND FROM BUSINESS LOTS. AGGREGATE FOR TEMPORARY ACCESS HAS BEEN ADDED TO THE CONTRACT FOR THIS PURPOSE.
- 5. ALL SIGNING SHALL BE PERFORMED UNDER THE STANDARDS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- 6. DURING NON-WORKING HOURS WHEN THE DROP-OFF ADJACENT TO A DRIVING LANE IS GREATER THAN 2" REGARDLESS OF THE LENGTH OR NUMBER OF TIMES THIS TREATMENT MUST BE APPLIED, THE CONTRACTOR SHALL CONSTRUCT A TYPE A AGGREGATE WEDGE FROM THE EDGE OF PAVEMENT AT A 1:3 SLOPE. THE AGGREGATE SHALL BE INCLUDED IN THE COST OF PAVEMENT PAY ITEMS.

SUGGESTED PRE-STAGE CONSTRUCTION

- 1. SAWCUT AND REMOVE EXISTING PAVEMENT, CURB AND GUTTER, AND DRAINAGE SWALES. COVER EXISTING DRAINAGE STRUCTURES.
- 2. PLACE 10" HMA TEMPORARY PAVEMENT ON THE SOUTH SIDE OF THE ROADWAY TO BE USED FOR STAGE 1 TRAFFIC UTILIZING TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.

SUGGESTED STAGE 1 CONSTRUCTION

- 1. PLACE TEMPORARY TRAFFIC CONTROL AS SHOWN ON THE DETAILS.
- 2. DIRECT TRAFFIC TO THE SOUTH SIDE OF IL 14 AND CONSTRUCT PROPOSED ROADWAY, COMBINATION CURB AND GUTTER, EARTHWORK, DRAINAGE FEATURES, AND SIDEWALK.
- 3. DURING STAGE 1 CONSTRUCTION, IT IS ANTICIPATED THAT THERE WILL BE APPROXIMATELY A 2 3/4" DROP OFF BETWEEN THE EXISTING IL 14 PAVEMENT AND THE PCC BASE COURSE WIDENING TO THE NORTH. A 4' WIDE (MINIMUM) LONGITUDINAL BITUMINOUS WEDGE, NOT EXCEEDING A 3:1 SLOPE, SHALL BE CONSTRUCTED TO TRANSITION BETWEEN THE TWO PAVEMENT GRADES. THIS BITUMINOUS WEDGE WILL BE TEMPORARY AND IS NOT ANTICIPATED TO ACCOMMODATE SUSTRAINED TRAFFIC DURING CONSTRUCTION ACTIVITIES. MATERIALS USED SHALL MEET THE APPROVAL OF THE ENGINEER. THE COST WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- 4. AFTER PAVEMENT WIDENING ACTIVITIES HAVE BEEN COMPLETED ON THE NORTH SIDE OF IL 14, EXISTING PAVEMENT SHALL BE MILLED A DEPTH OF 2 3/4", AND A 1 1/4" BINDER COURSE SHALL BE PLACED ALONG IL 14 FOR STAGE 2 TRAFFIC.
- 5. ONE ENTRANCE TO THE HOSPITAL AND AN ENTRANCE TO MARK FRANKLIN DRIVE OR NORTH FRANKLIN DRIVE SHALL BE OPEN AT THE SAME TIME AT ALL TIMES. SEE THE HATCHING IN THE PLANS.



STAGE 1 CONSTRUCTION

LEGEND

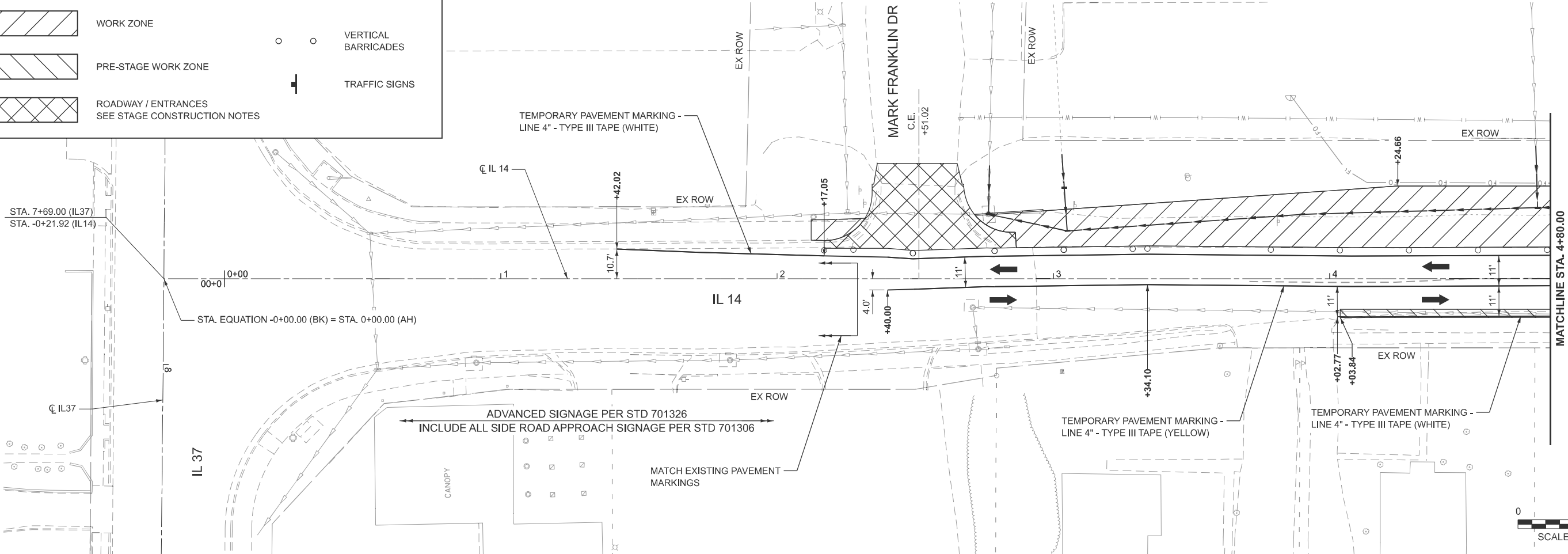
WORK ZONE

PRE-STAGE WORK ZONE

ROADWAY / ENTRANCES
SEE STAGE CONSTRUCTION NOTES

VERTICAL BARRICADES

TRAFFIC SIGNS



MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$



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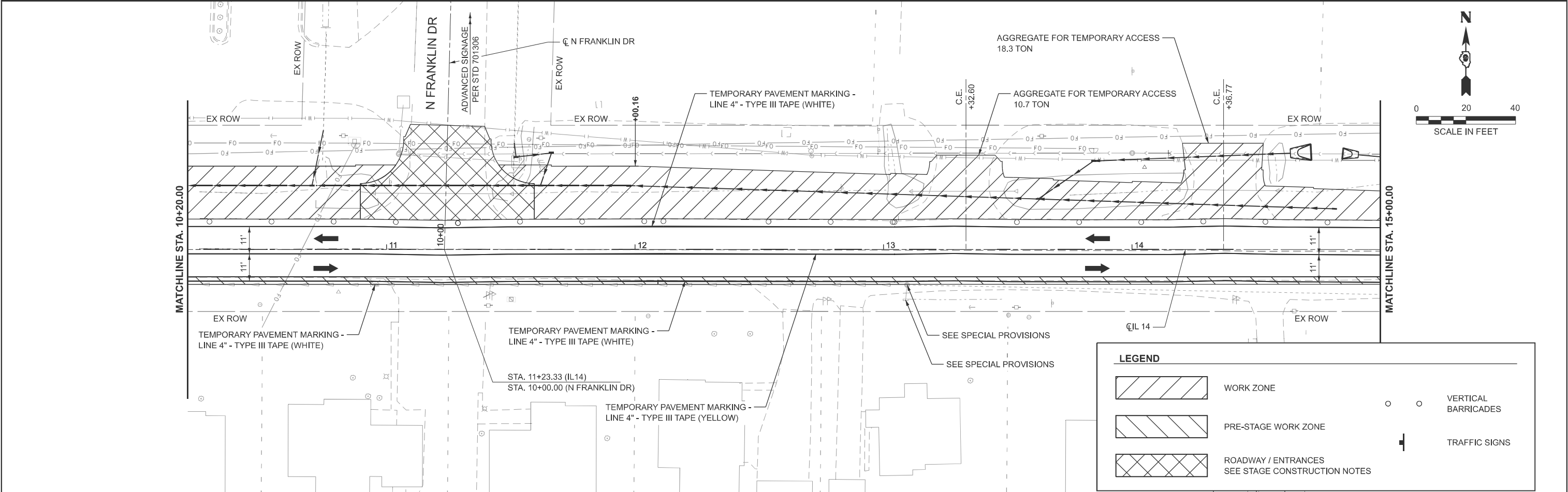
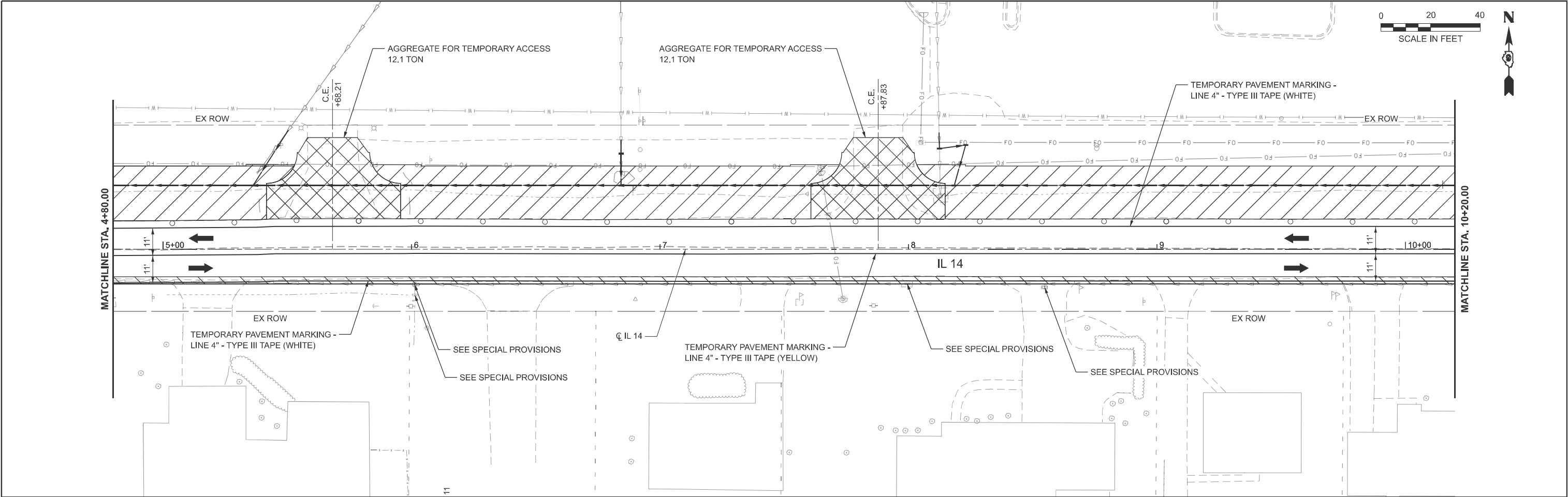
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			REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE I

SCALE: 1"=20' SHEET 1 OF 9 SHEETS STA. -0+21.92 TO STA. 4+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	48
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



MODEL: SMODELFILES
FILE NAME: SFLEABBREVS



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PLOT DATE	4/17/2025			
DATE	3/19/2025			

DESIGNED	-	BLY	REVISED
DRAWN	-	RAH	REVISED
CHECKED	-	JMM	REVISED
DATE	-	3/19/2025	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE I

SCALE: 1"=20' SHEET 2 OF 9 SHEETS STA. 4+80.00 TO STA. 15+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	49
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

MODEL: SMODELFILES
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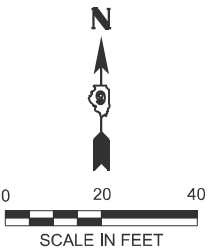
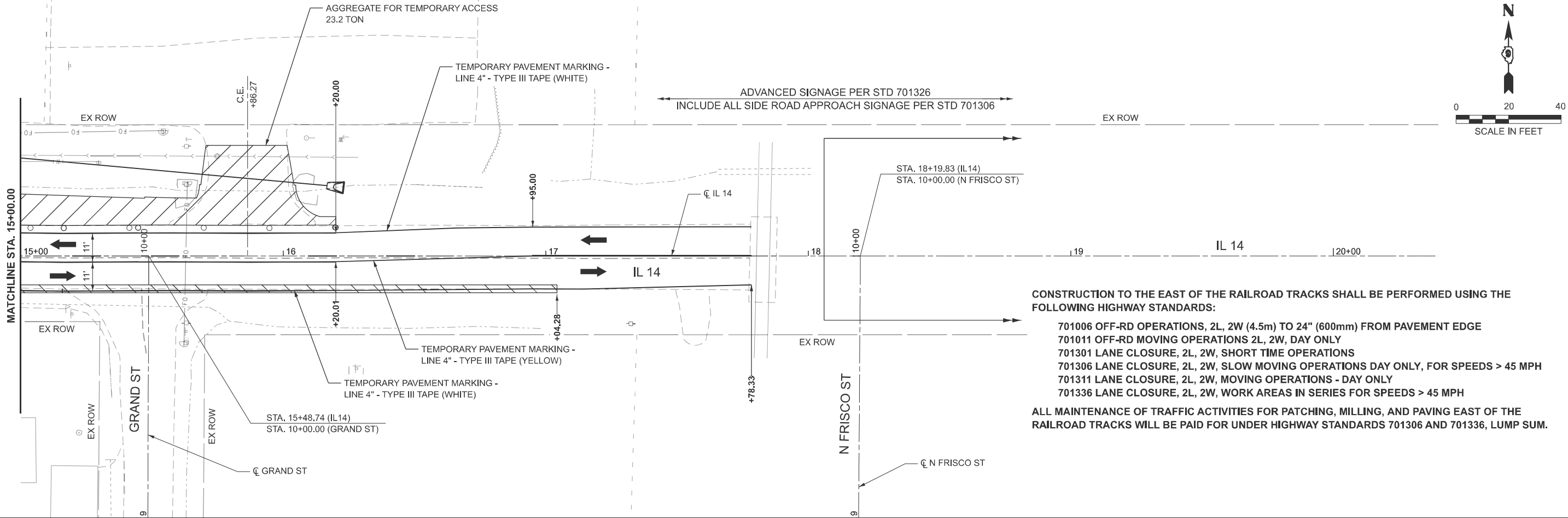
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PLOT DATE	= 4/17/2025	DATE	= 3/19/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE I

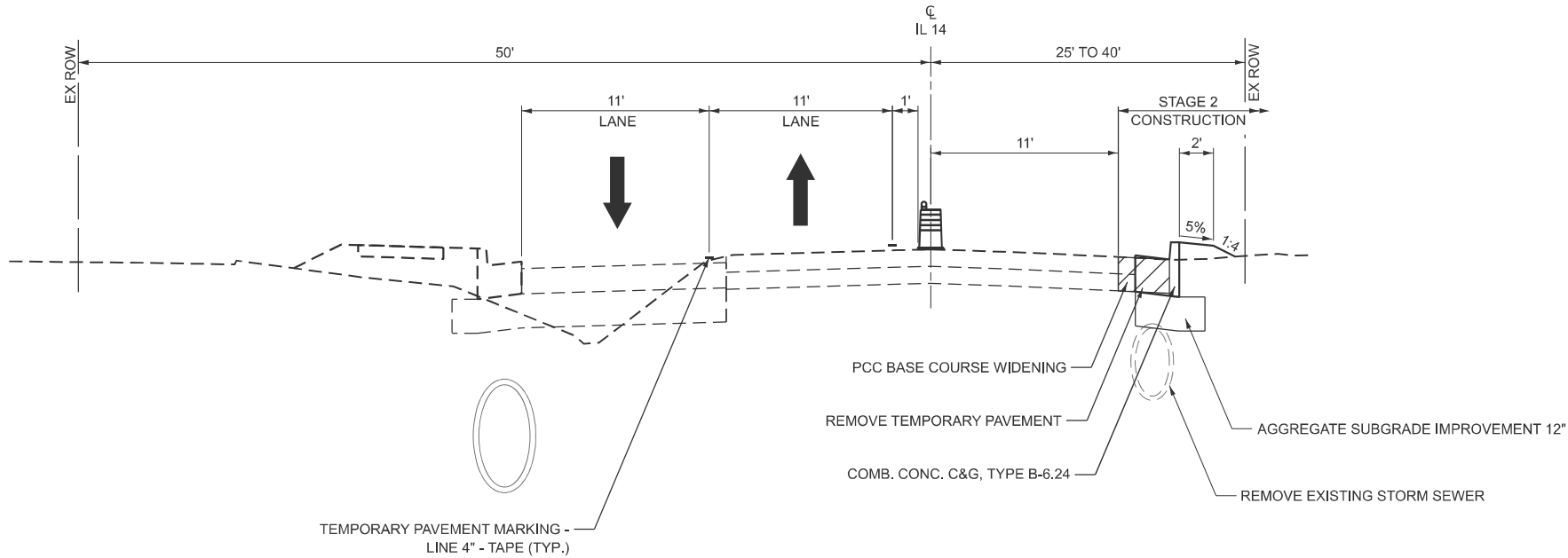
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	50
CONTRACT NO. 78943				
		ILLINOIS	FED. AID PROJECT	



LEGEND

	WORK ZONE		VERTICAL BARRICADES
	PRE-STAGE WORK ZONE		TRAFFIC SIGNS
	ROADWAY / ENTRANCES SEE STAGE CONSTRUCTION NOTES		



STAGE 2 CONSTRUCTION

STAGE CONSTRUCTION GENERAL NOTES

- ONE LANE OF TRAFFIC IN EACH DIRECTION ON IL 14 SHALL BE MAINTAINED AT ALL TIMES.
- EMERGENCY ACCESS SHALL BE PROVIDED AT ALL TIMES.
- ACCESS TO AT LEAST ONE ENTRANCE AND ONE PUBLIC ROADWAY ADJACENT TO FRANKLIN HOSPITAL SHALL BE OPEN AT ALL TIMES.
- ACCESS TO EVERY RESIDENCE AND AT LEAST ONE ENTRANCE TO EVERY BUSINESS SHALL BE MAINTAINED AT ALL TIMES. ENTRANCES SHALL BE CONSTRUCTED ONE HALF AT A TIME TO ENSURE CONTINUOUS VEHICLE ACCESS TO AND FROM BUSINESS LOTS. AGGREGATE FOR TEMPORARY ACCESS HAS BEEN ADDED TO THE CONTRACT FOR THIS PURPOSE.
- ALL SIGNING SHALL BE PERFORMED UNDER THE STANDARDS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

SUGGESTED STAGE 2 CONSTRUCTION

- PLACE TEMPORARY TRAFFIC CONTROL AS SHOWN ON THE DETAILS.
- DIRECT TRAFFIC TO THE NORTH SIDE OF IL 14. SAWCUT AND REMOVE TEMPORARY PAVEMENT. CONSTRUCT PROPOSED ROADWAY, COMBINATION CURB AND GUTTER, EARTHWORK, AND DRAINAGE FEATURES.

LEGEND



WORK ZONE



PRE-STAGE WORK ZONE

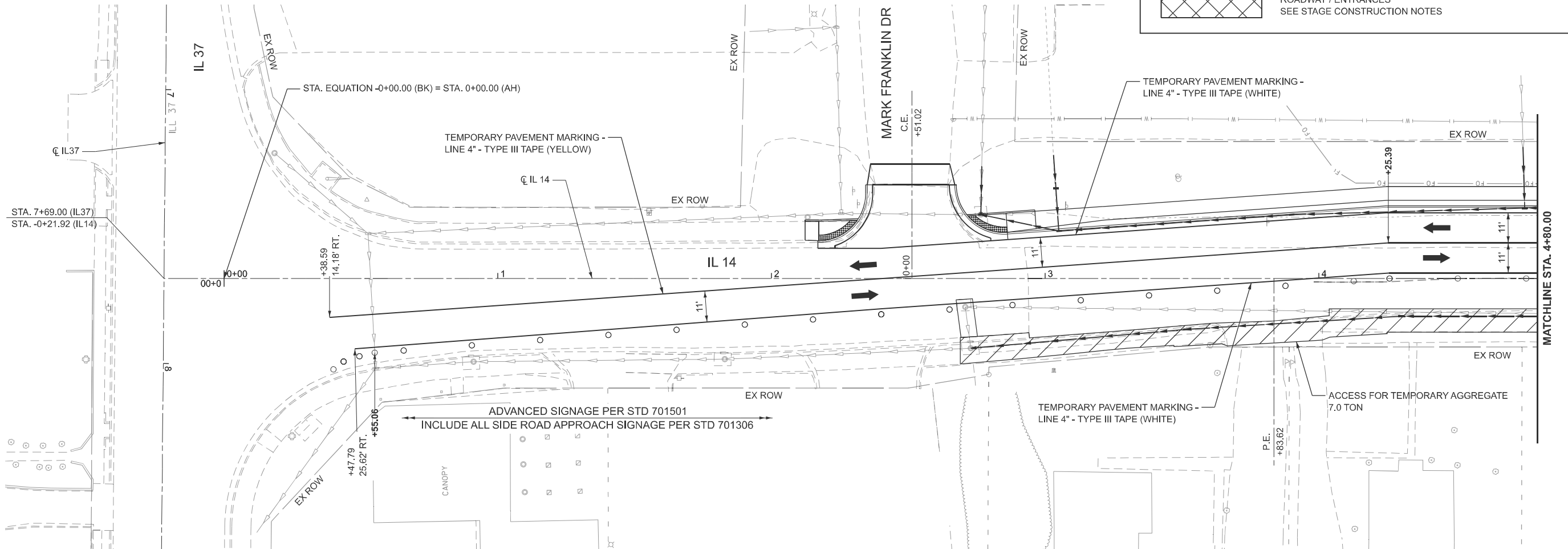


ROADWAY / ENTRANCES
SEE STAGE CONSTRUCTION NOTES

VERTICAL
BARRICADES

TRAFFIC SIGNS

0 20 40
SCALE IN FEET



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE II

SCALE: 1"=20'

SHEET 4 OF 9 SHEETS STA. -0+21.92 TO STA. 4+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	51
CONTRACT NO. 78943				

ILLINOIS FED. AID PROJECT



USER NAME = byoung

DESIGNED - BLY

REVISED -

DRAWN - RAH

REVISED -

CHECKED - JMM

REVISED -

PLOT DATE = 4/17/2025

DATE - 3/19/2025

REVISED -

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FILE NAME: SFLEABBREV\$

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DATE	3/19/2025			
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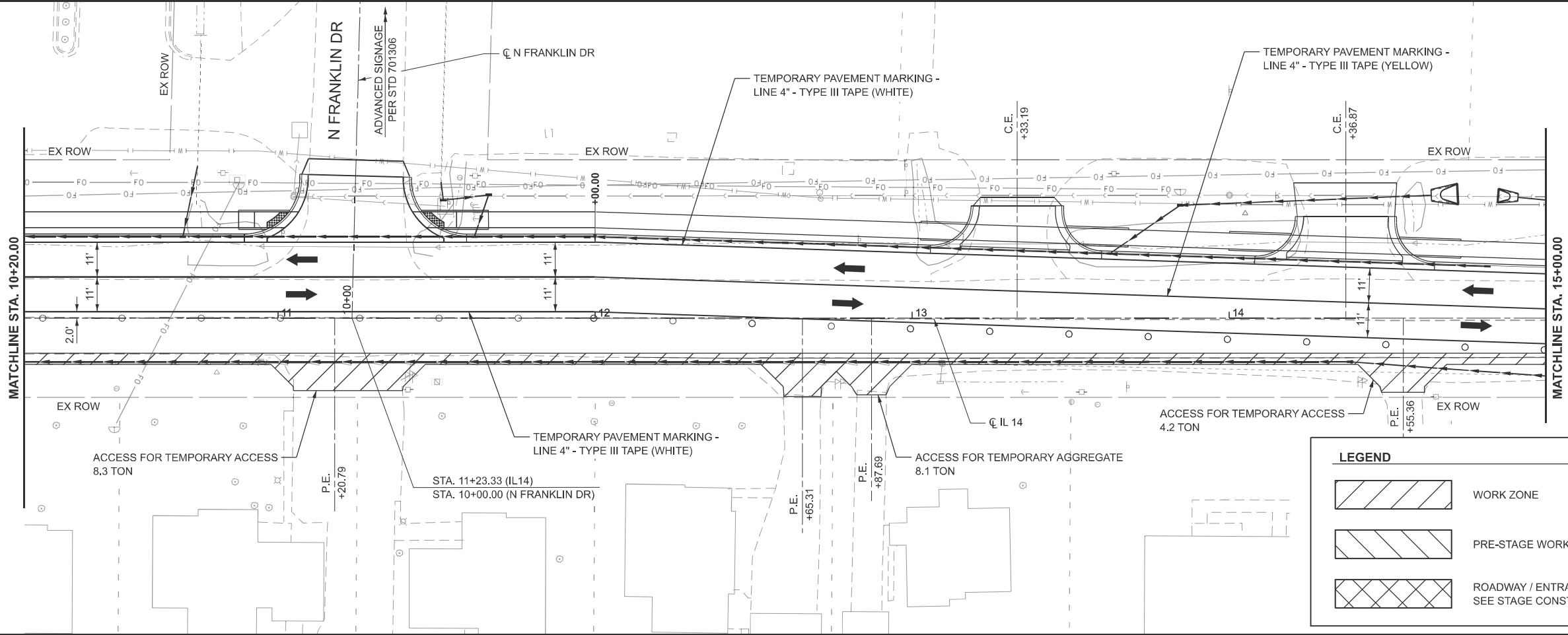
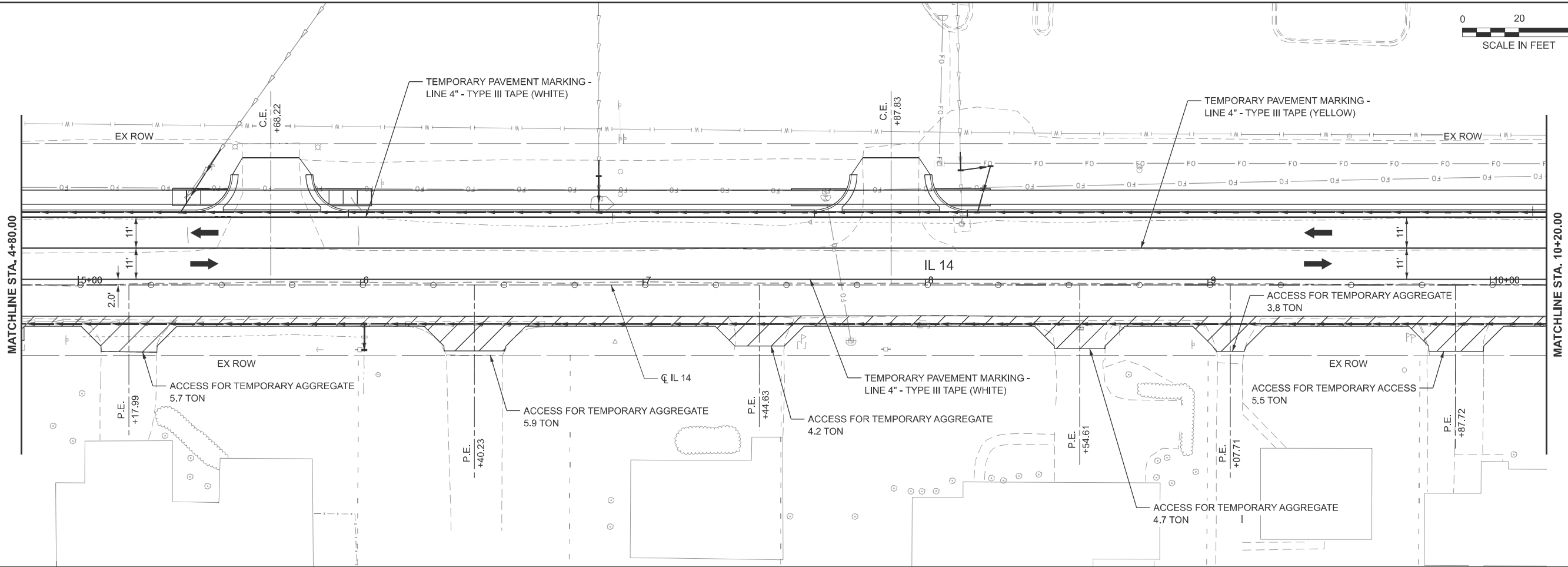
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE II

SCALE: 1"=20'

SHEET 5 OF 9 SHEETS STA. 4+80.00 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	52
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



LEGEND



WORK ZONE



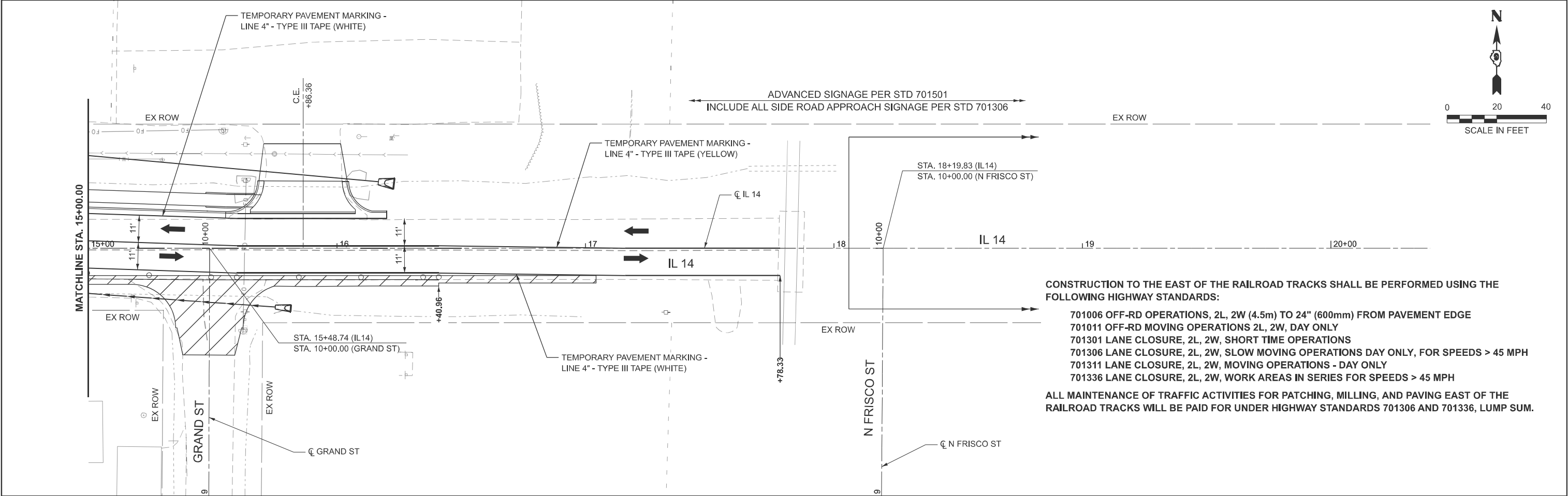
PRE-STAGE WORK ZONE



ROADWAY / ENTRANCES
SEE STAGE CONSTRUCTION NOTES

VERTICAL
BARRICADES

TRAFFIC SIGNS



LEGEND

WORK ZONE

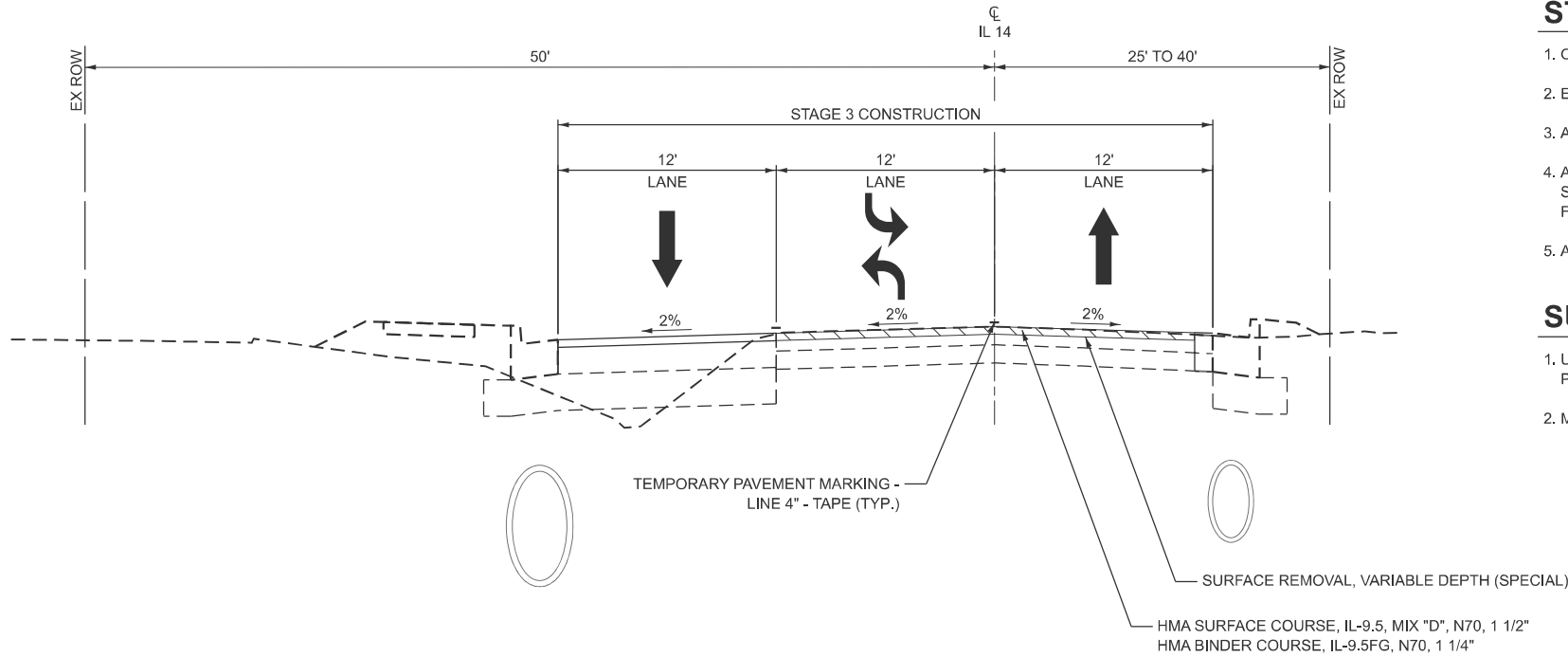
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ROADWAY / ENTRANCES
SEE STAGE CONSTRUCTION NOTES

VERTICAL BARRICADES

TRAFFIC SIGNS

MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$



STAGE 3 CONSTRUCTION

STAGE CONSTRUCTION GENERAL NOTES

- 1. ONE LANE OF TRAFFIC IN EACH DIRECTION ON IL 14 SHALL BE MAINTAINED AT ALL TIMES.
- 2. EMERGENCY ACCESS SHALL BE PROVIDED AT ALL TIMES.
- 3. ACCESS TO AT LEAST ONE ENTRANCE AND ONE PUBLIC ROADWAY ADJACENT TO FRANKLIN HOSPITAL SHALL BE OPEN AT ALL TIMES.
- 4. ACCESS TO EVERY RESIDENCE AND AT LEAST ONE ENTRANCE TO EVERY BUSINESS SHALL BE MAINTAINED AT ALL TIMES. ENTRANCES SHALL BE CONSTRUCTED ONE HALF AT A TIME TO ENSURE CONTINUOUS VEHICLE ACCESS TO AND FROM BUSINESS LOTS. AGGREGATE FOR TEMPORARY ACCESS HAS BEEN ADDED TO THE CONTRACT FOR THIS PURPOSE.
- 5. ALL SIGNING SHALL BE PERFORMED UNDER THE STANDARDS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

SUGGESTED STAGE 3 CONSTRUCTION

- 1. UPON COMPLETION OF STAGE 2 CONSTRUCTION, MOVE TRAFFIC TO THE FINAL LAYOUT CONFIGURATION. INSTALL SHORT TERM PAVEMENT MARKING PRIOR TO MILL AND FINAL OVERLAY.
- 2. MILL AND OVERLAY THE EXISTING ROADWAY AS SHOWN IN THE TYPICAL SECTIONS.

LEGEND

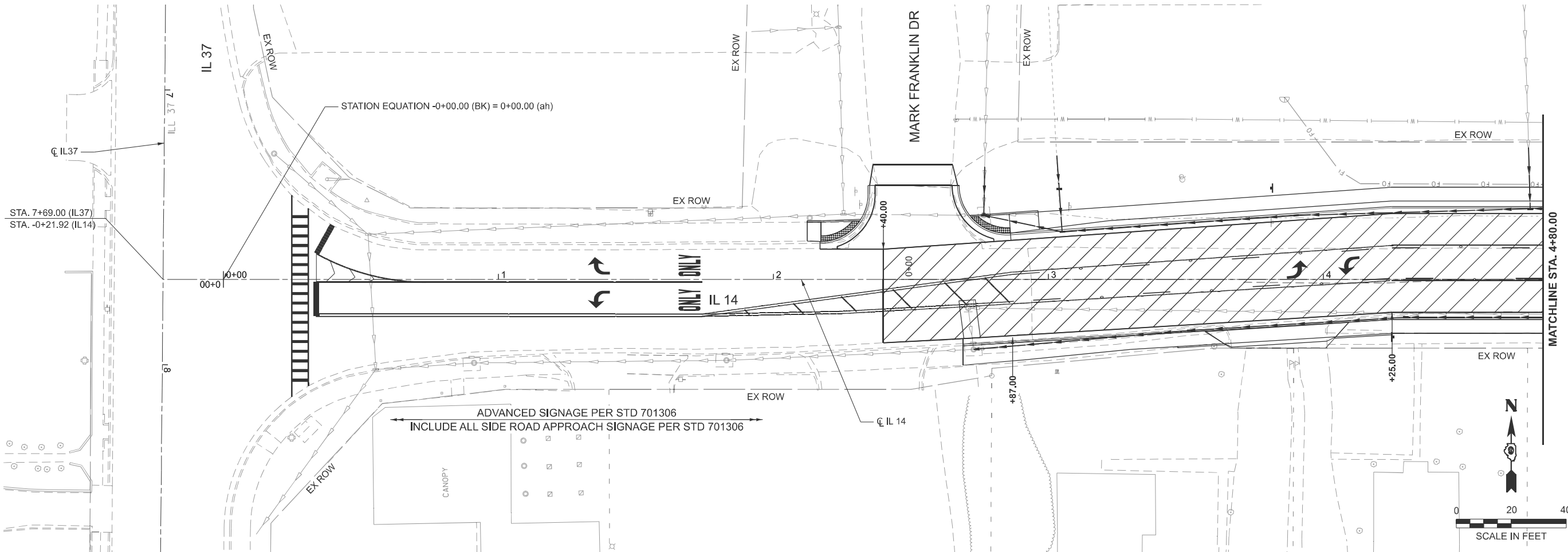
WORK ZONE

PRE-STAGE WORK ZONE

ROADWAY / ENTRANCES
SEE STAGE CONSTRUCTION NOTES

VERTICAL BARRICADES

TRAFFIC SIGNS



MODEL: SMO
FILE NAME: SFILEABBREV\$



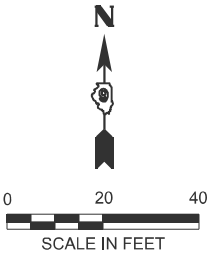
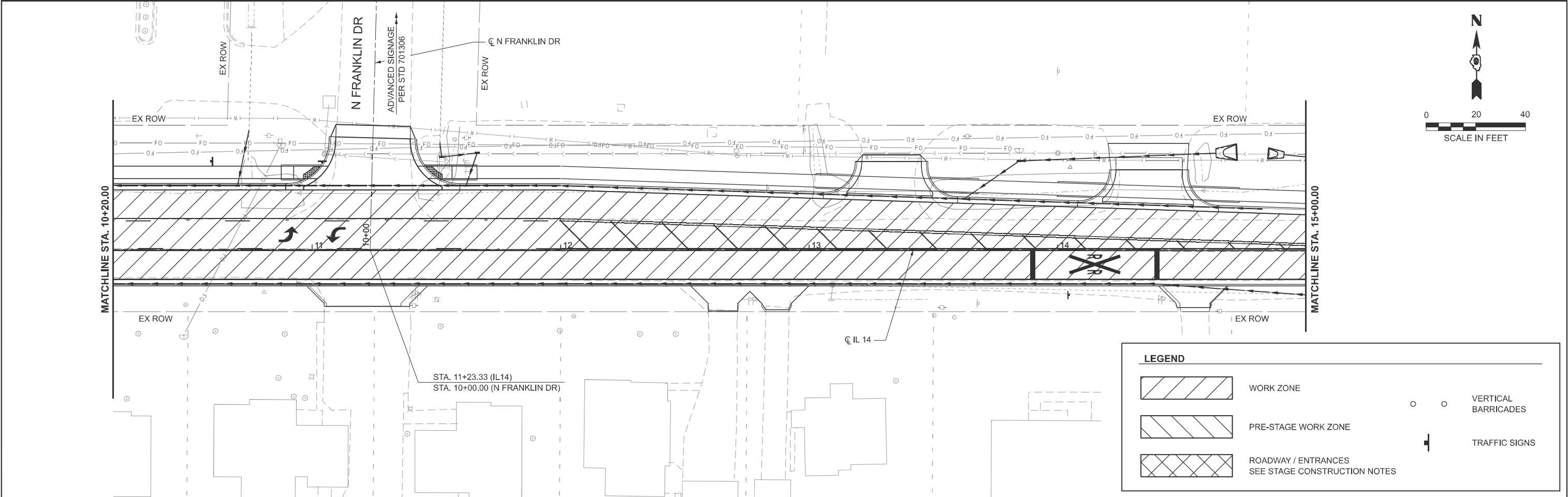
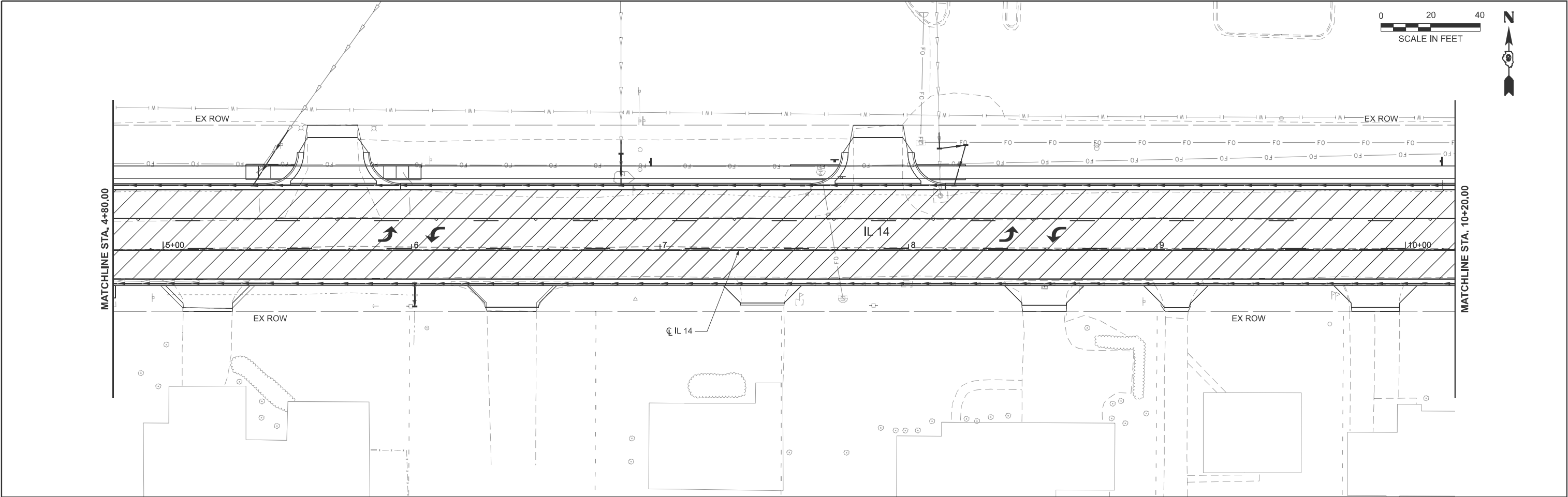
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CHECKED	JMM	REVISED	-
PLOT DATE	4/17/2025	DATE	3/19/2025
		REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE III

SCALE: 1"=20'
SHEET 7 OF 9 SHEETS
STA. -0+21.92 TO STA. 4+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	54
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



LEGEND

WORK ZONE

PRE-STAGE WORK ZONE

MODEL: \$MODELFIL\$
FILE NAME: \$FILE\$ABBREV\$



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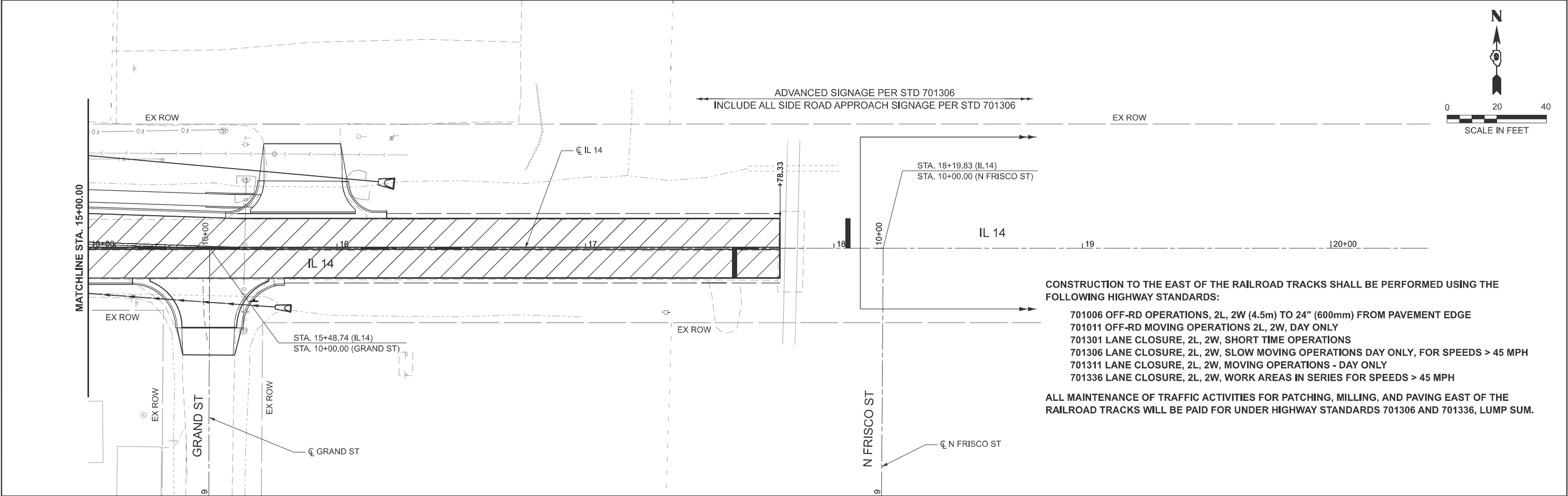
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	CHECKED	-	JMM	REVISED
PLOT DATE	DATE	-	3/19/2025	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE III

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. 4+80.00 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	55
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

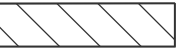


CONSTRUCTION TO THE EAST OF THE RAILROAD TRACKS SHALL BE PERFORMED USING THE FOLLOWING HIGHWAY STANDARDS:

701006 OFF-RD OPERATIONS, 2L, 2W (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011 OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701301 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS > 45 MPH

ALL MAINTENANCE OF TRAFFIC ACTIVITIES FOR PATCHING, MILLING, AND PAVING EAST OF THE RAILROAD TRACKS WILL BE PAID FOR UNDER HIGHWAY STANDARDS 701306 AND 701336, LUMP SUM.

LEGEND

-  WORK ZONE
-  PRE-STAGE WORK ZONE
-  ROADWAY / ENTRANCES
SEE STAGE CONSTRUCTION NOTES
-   VERTICAL BARRICADES
-  TRAFFIC SIGNS

MODEL: SMODELFILES
FILE NAME: SFILEABBREV\$



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PLOT DATE = 4/17/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
MAINTENANCE OF TRAFFIC - STAGE III

SCALE: 1"=20' SHEET 9 OF 9 SHEETS STA. 15+00.00 TO STA. 20+40.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	56
CONTRACT NO. 78943				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELFILES
FILE NAME: \$FILEABBREVS



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DESIGNED	- BLY
DRAWN	- RAH
CHECKED	- JMM
PLOT DATE	- 4/8/2025
DATE	- 3/19/2025

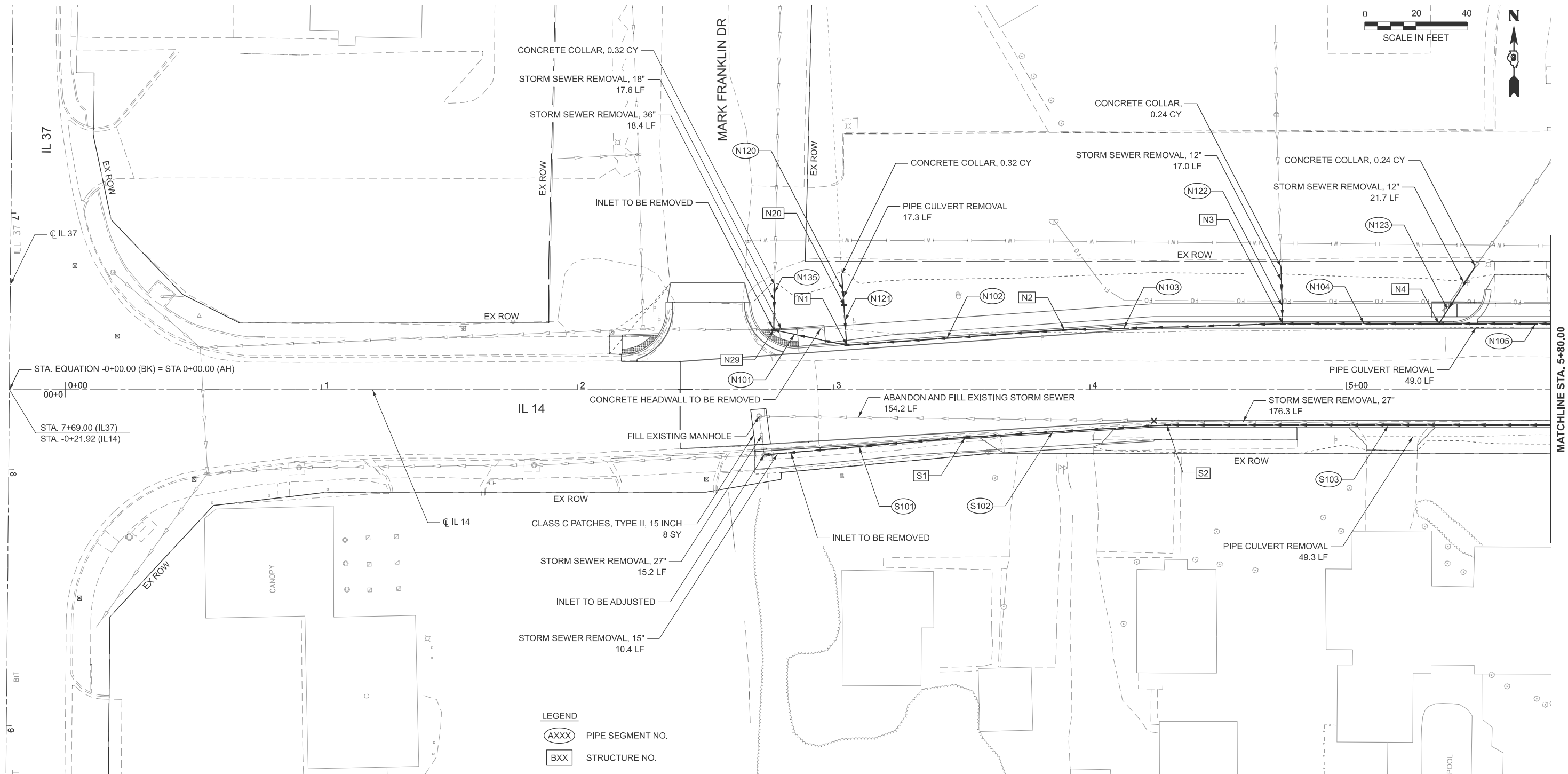
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 0+00.00 TO STA. 5+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	57
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



NOTE: SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE, AND REMOVAL INFORMATION.

MODEL: SMOLEFILES
FILE NAME: SFILEABBREV\$



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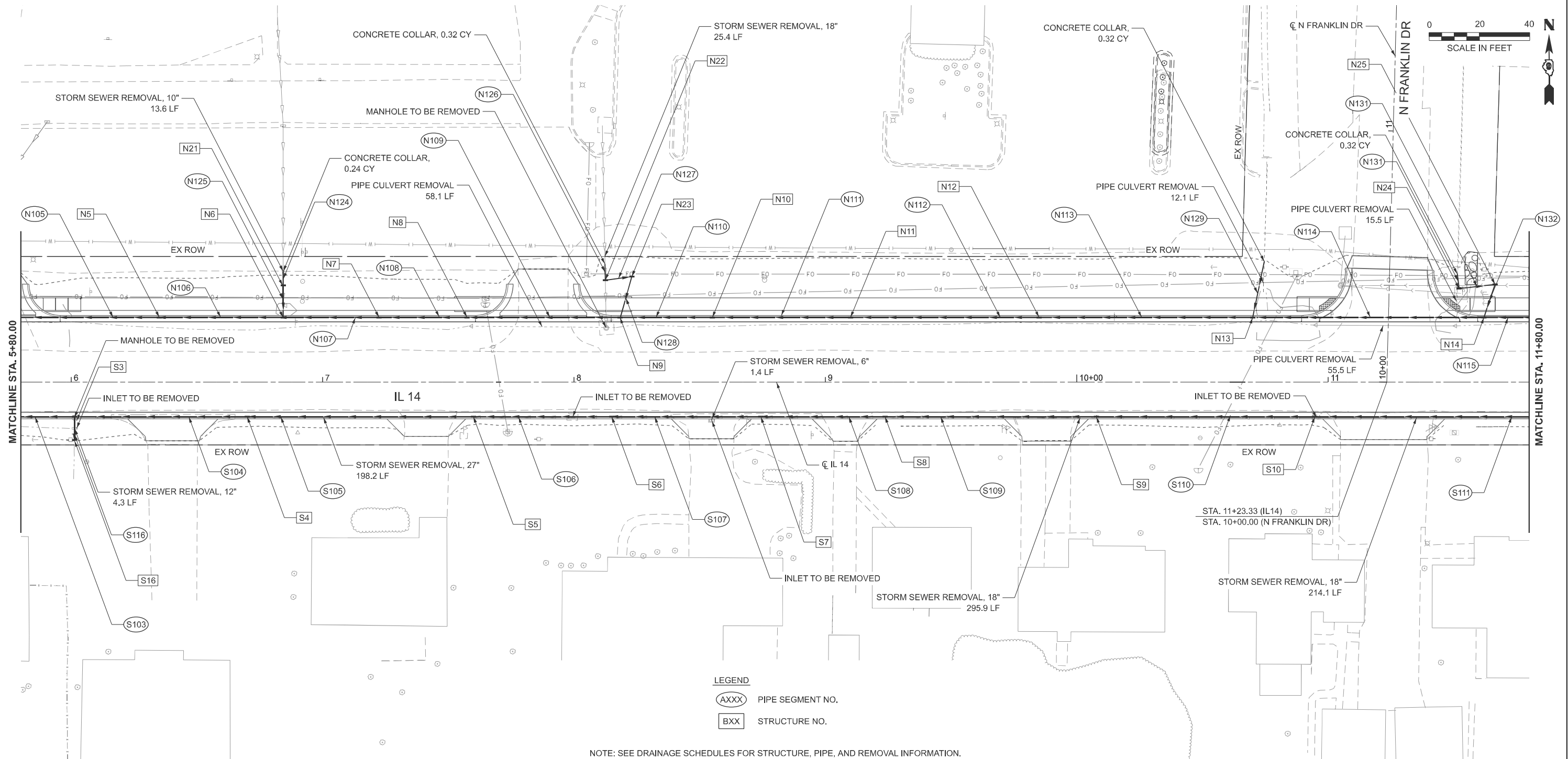
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	DRAWN -	RAH	REVISED -	
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	PLOT DATE	4/8/2025	DATE	3/19/2025
			REVISED -	

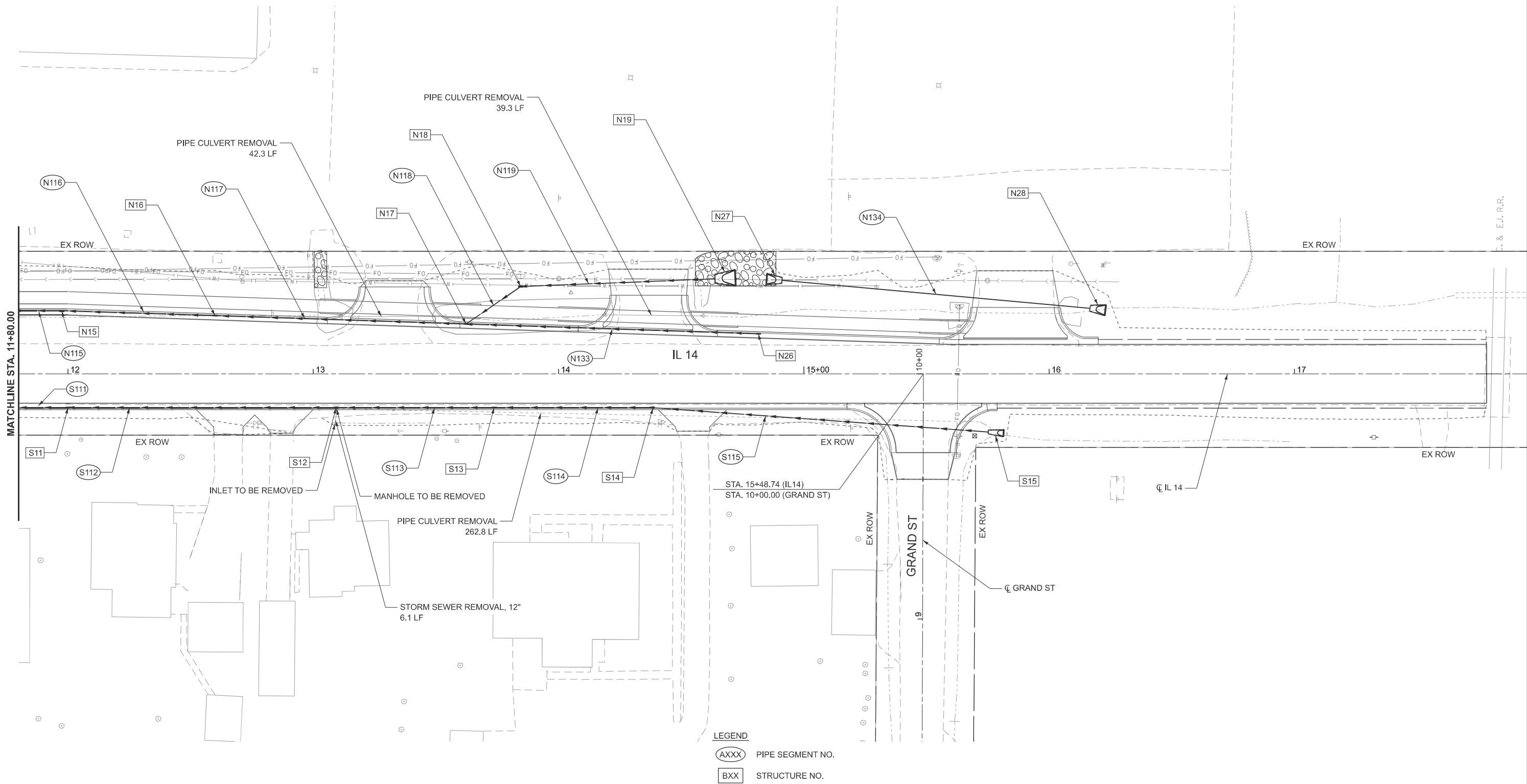
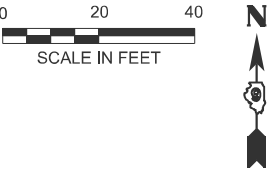
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 5+80.00 TO STA. 11+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	58
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				





NOTE: SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE, AND REMOVAL INFORMATION.

MODEL: SMOFILES
FILE NAME: SFILEABREV\$



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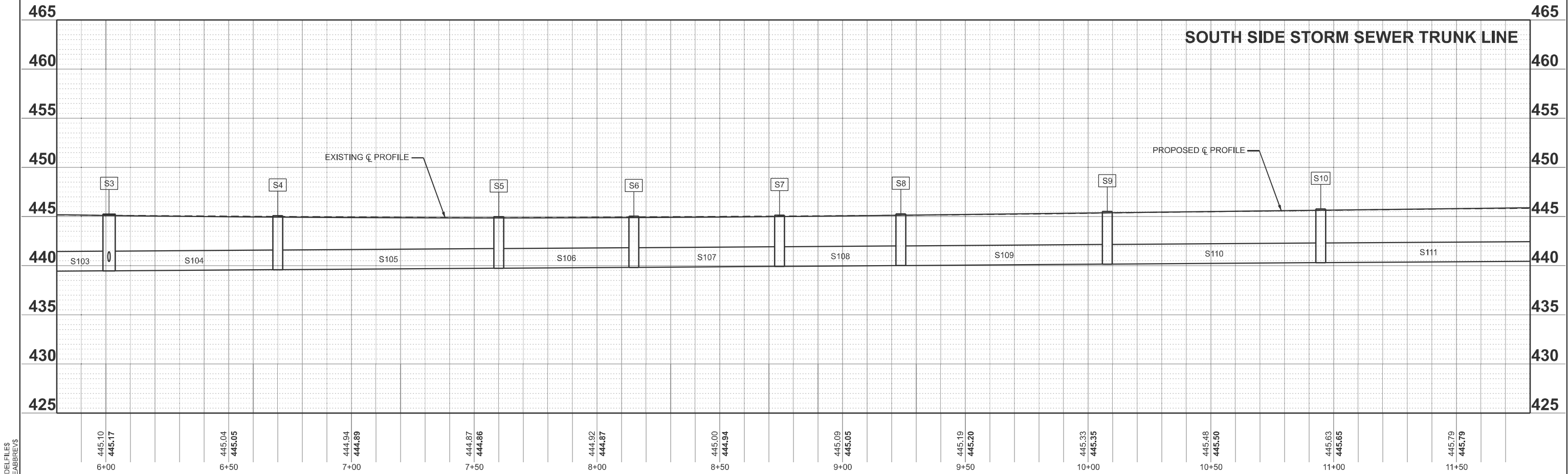
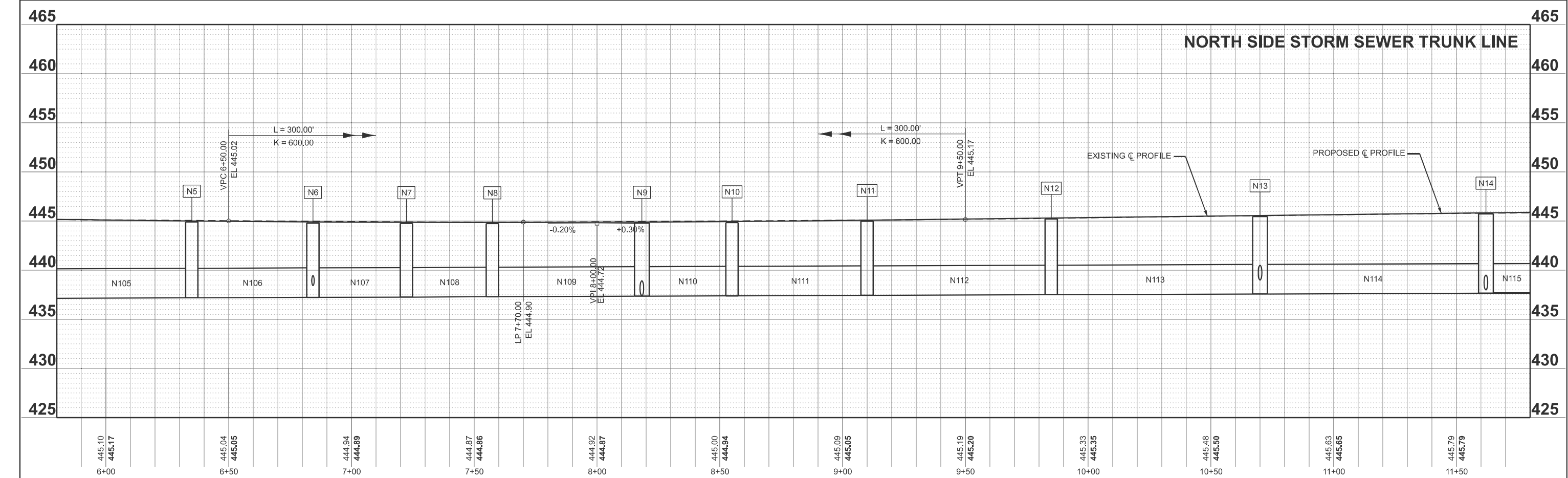
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		DRAWN	RAH	REVISED	
		CHECKED	JMM	REVISED	
PLOT DATE	4/8/2025	DATE	3/19/2025	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 11+80.00 TO STA. 17+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	59
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



MODEL: SMODELFILES
FILE NAME: SFILEABBREV5



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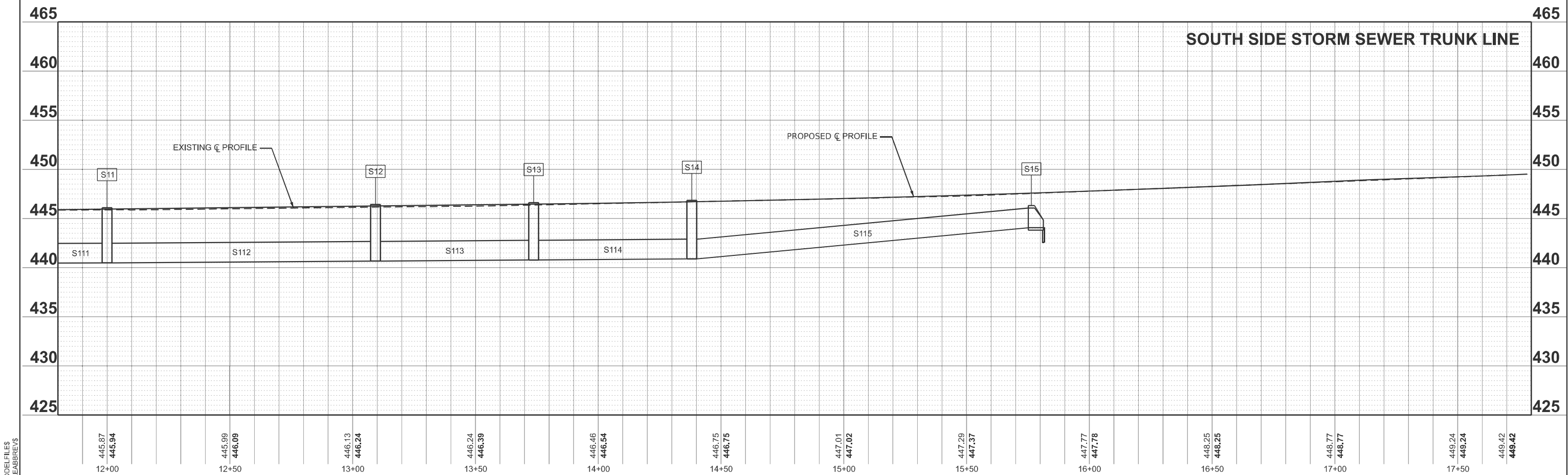
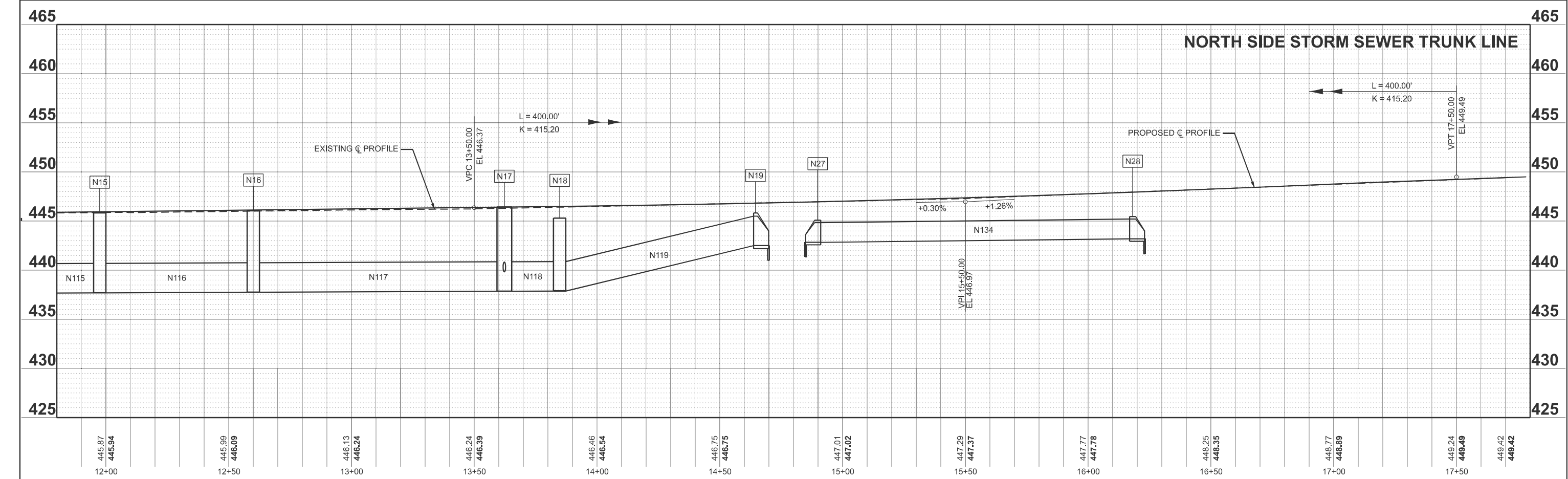
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PLOT DATE	= 4/8/2025	DATE	- 3/19/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 5+80.00 TO STA. 11+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	61
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



MODEL: \$MODELFILES
FILE NAME: \$FILE/ABBREVS



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USER NAME	= ahevdejs	DESIGNED -	BLY	REVISED -	
		DRAWN -	RAH	REVISED -	
		CHECKED -	JMM	REVISED -	
PLOT DATE	= 4/8/2025	DATE -	3/19/2025	REVISED -	

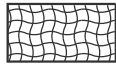
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DRAINAGE PLAN AND PROFILE

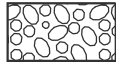
SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 11+80.00 TO STA. 17+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	62
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

LEGEND



EROSION CONTROL BLANKET
SEEDING, CLASS 1



STONE RIPRAP, CLASS A3



OUTFALL LOCATION



INLET AND PIPE PROTECTION



TEMPORARY DITCH CHECK



DRAINAGE PATTERN

0 20 40
SCALE IN FEET



EXISTING NORTH DITCH @ 0.25% SLOPE
REPLACED WITH STORM SEWER @ 0.10% SLOPE

PROJECT OUTFALL
MUNICIPAL STORM SEWER

EX ROW

STAGE 1 CONSTRUCTION

STAGE 2 CONSTRUCTION

EX ROW

MATCHLINE STA. 5+00.00

NOTES:

- ALL EXISTING DRAINAGE PATTERNS AND OUTFALL LOCATIONS ARE TO BE MAINTAINED.
- CONSTRUCTION VEHICULAR ACCESS TO THE SITE WILL BE RESTRICTED TO EXISTING SIDE ROADS AND ENTRANCES.
- SOIL DISTURBANCE IS TO BE CONFINED TO THE STATE RIGHT OF WAY, AND ALL DISTURBED AREAS SHOULD BE FINAL SEEDDED WITH EROSION CONTROL BLANKET WITHIN 14 DAYS OF FINAL GRADING.
- ALL EXISTING GROUND SLOPES ADJACENT TO THE SITE ARE LESS THAN 2%.

0 20 40
SCALE IN FEET



EXISTING NORTH DITCH @ 0.25% SLOPE
REPLACED WITH STORM SEWER @ 0.10% SLOPE

EX ROW

STAGE 1 CONSTRUCTION

STAGE 2 CONSTRUCTION

IL 14

10+00

MATCHLINE STA. 11+00.00

EXISTING STORM SEWER
TO BE REPLACED

CL IL 14

EX ROW

EX ROW



USER NAME = ahevrdjs

DESIGNED - BLY

REVISED -

DRAWN - RAH

REVISED -

CHECKED - JMM

REVISED -

PLOT DATE = 4/8/2025

DATE - 3/19/2025

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
EROSION CONTROL PLAN

SCALE: 1"=20'

SHEET 1

OF 2

SHEETS

STA. -0+21.92

TO STA. 11+00.00

F.A.P.
RTE.

853

SECTION

(5,6,7) RS-3

COUNTY

FRANKLIN

TOTAL
SHEETS

94

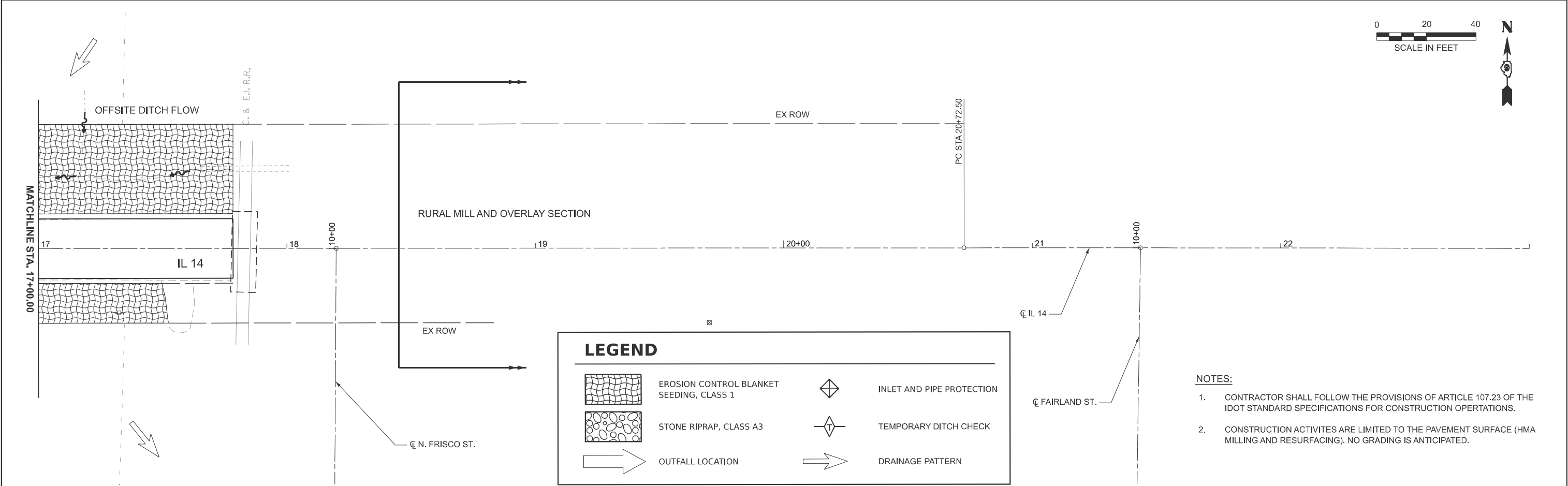
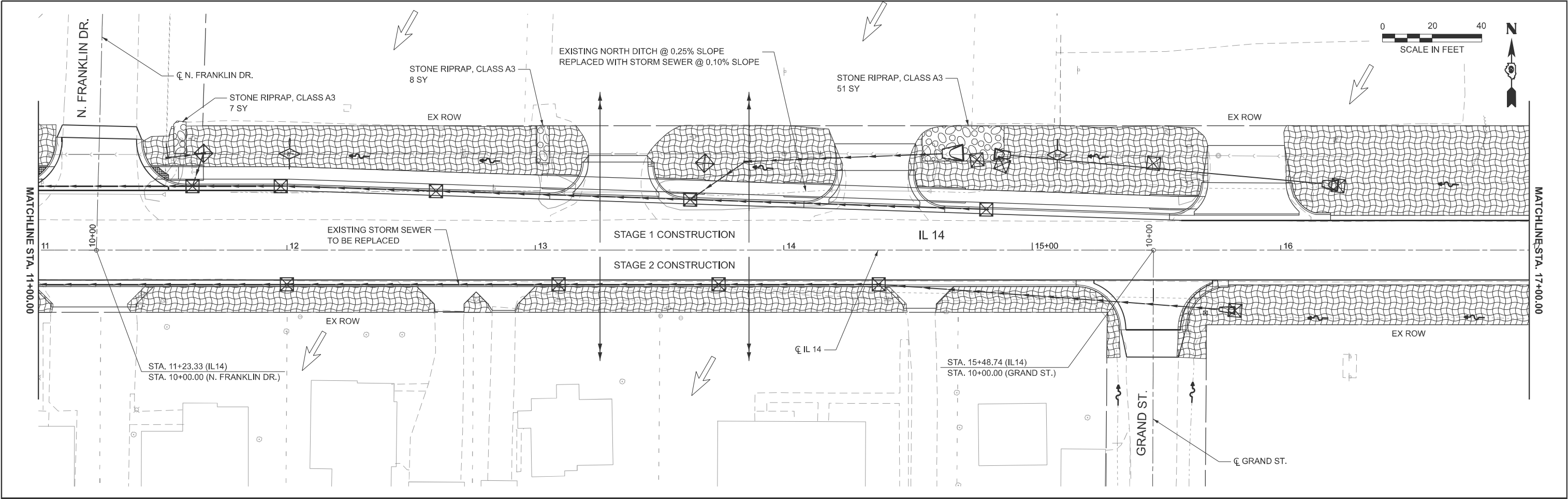
SHEET
NO.

63

CONTRACT NO. 78943

ILLINOIS FED. AID PROJECT

MODEL: SMODELFILES
FILE NAME: SFLEABBREV\$



LEGEND

- | | | | |
|--|--|--|---------------------------|
| | EROSION CONTROL BLANKET SEEDING, CLASS 1 | | INLET AND PIPE PROTECTION |
| | STONE RIPRAP, CLASS A3 | | TEMPORARY DITCH CHECK |
| | OUTFALL LOCATION | | DRAINAGE PATTERN |

NOTES:

- CONTRACTOR SHALL FOLLOW THE PROVISIONS OF ARTICLE 107.23 OF THE IDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OPERATIONS.
- CONSTRUCTION ACTIVITES ARE LIMITED TO THE PAVEMENT SURFACE (HMA MILLING AND RESURFACING). NO GRADING IS ANTICIPATED.

MODEL: SMOLEFILES
FILE NAME: SFLEABBREV\$



USER NAME = ahevrdajs	DESIGNED - BLY	REVISED -
	DRAWN - RAH	REVISED -
	CHECKED - JMM	REVISED -
PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -

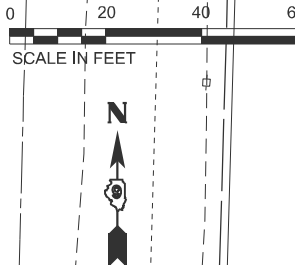
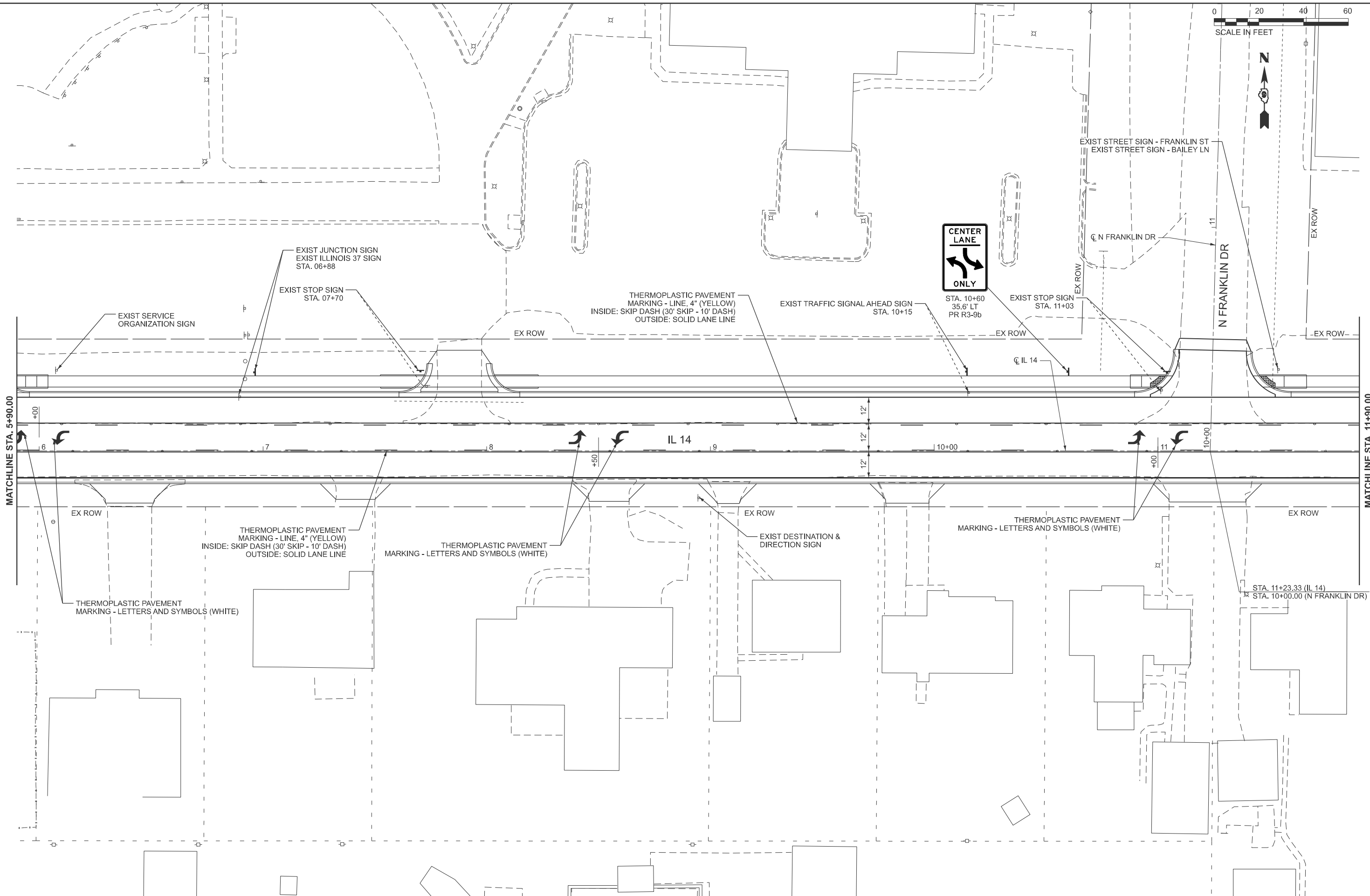
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.P. 853 (ILLINOIS ROUTE 14)
EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 11+00.00 TO STA. 23+00.00

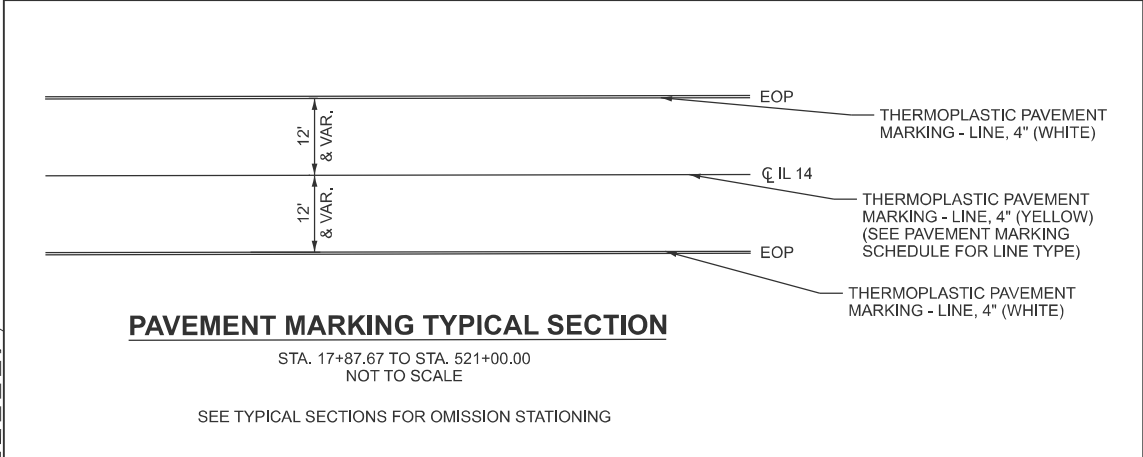
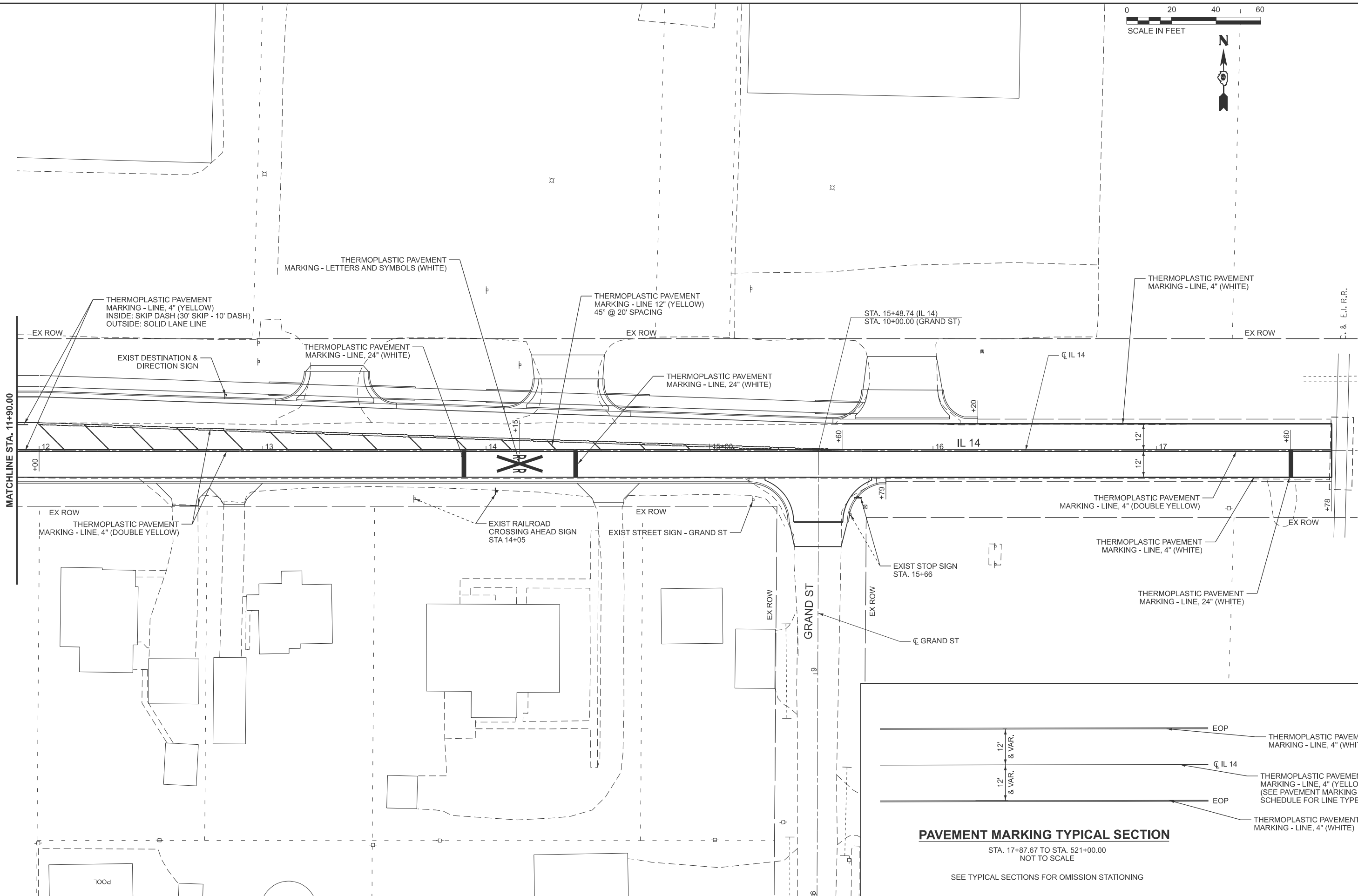
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	64
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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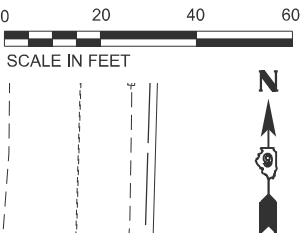
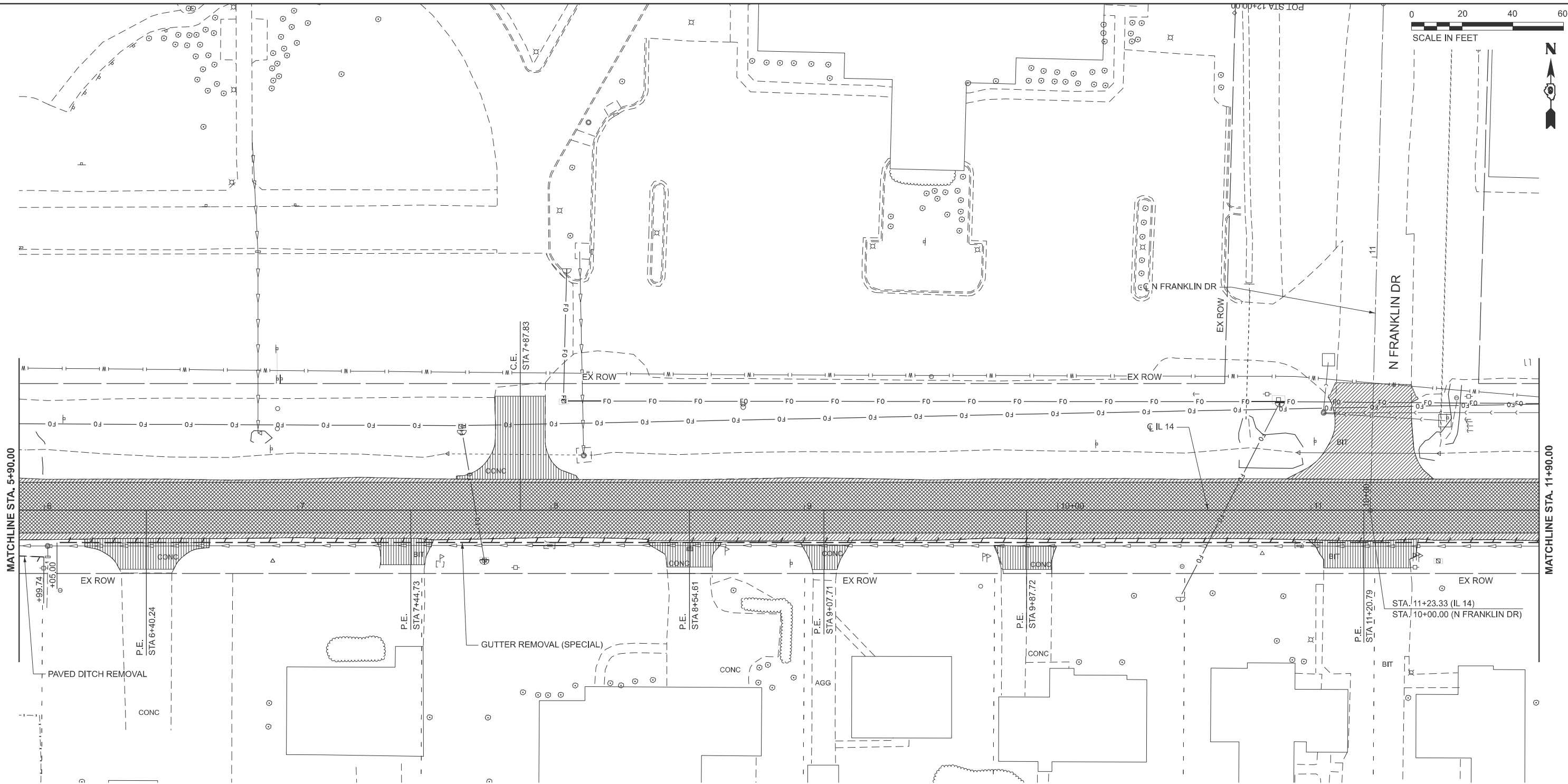
EFK♦Moen Civil Engineering Design	USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. 853 (ILLINOIS ROUTE 14) PAVEMENT MARKING & SIGNING				F.A.P. RTE. 853	SECTION (5,6,7) RS-3	COUNTY FRANKLIN	TOTAL SHEETS 94	SHEET NO. 66
		DRAWN - Z.J.W.	REVISED -										
		CHECKED - S.L.D.	REVISED -										
	PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -										
					SCALE: 1"=20'	SHEET 2	OF 3	SHEETS	STA. 5+90.00	TO STA. 11+90.00	CONTRACT NO. 78943		
					ILLINOIS FED. AID PROJECT								

MODEL: PMKs - Plan 3
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EFK Moen Civil Engineering Design	USER NAME = ahevrdajs	DESIGNED - A.E.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. 853 (ILLINOIS ROUTE 14) PAVEMENT MARKING & SIGNING			F.A.P. RTE. 853	SECTION (5,6,7) RS-3	COUNTY FRANKLIN	TOTAL SHEETS 94	SHEET NO. 67
	PLOT DATE = 4/1/2025	CHECKED - S.L.D.	REVISED -					CONTRACT NO. 78943				
		DATE - 3/19/2025	REVISED -					ILLINOIS	FED. AID PROJECT			
				SCALE: 1"=20'		SHEET 3	OF 3 SHEETS	STA. 11+90.00		TO STA. 17+90.00		

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LEGEND

- HMA SURFACE REMOVAL - BUTT JOINT
- SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- HMA SURFACE REMOVAL, 2 3/4"
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- GUTTER REMOVAL (SPECIAL), PAVED DITCH REMOVAL, OR COMBINATION CURB & GUTTER REMOVAL

NOTE: SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED -	A.E.H.	REVISED -	
	DRAWN -	Z.J.W.	REVISED -	
	CHECKED -	S.L.D.	REVISED -	
	DATE -	3/19/2025	REVISED -	

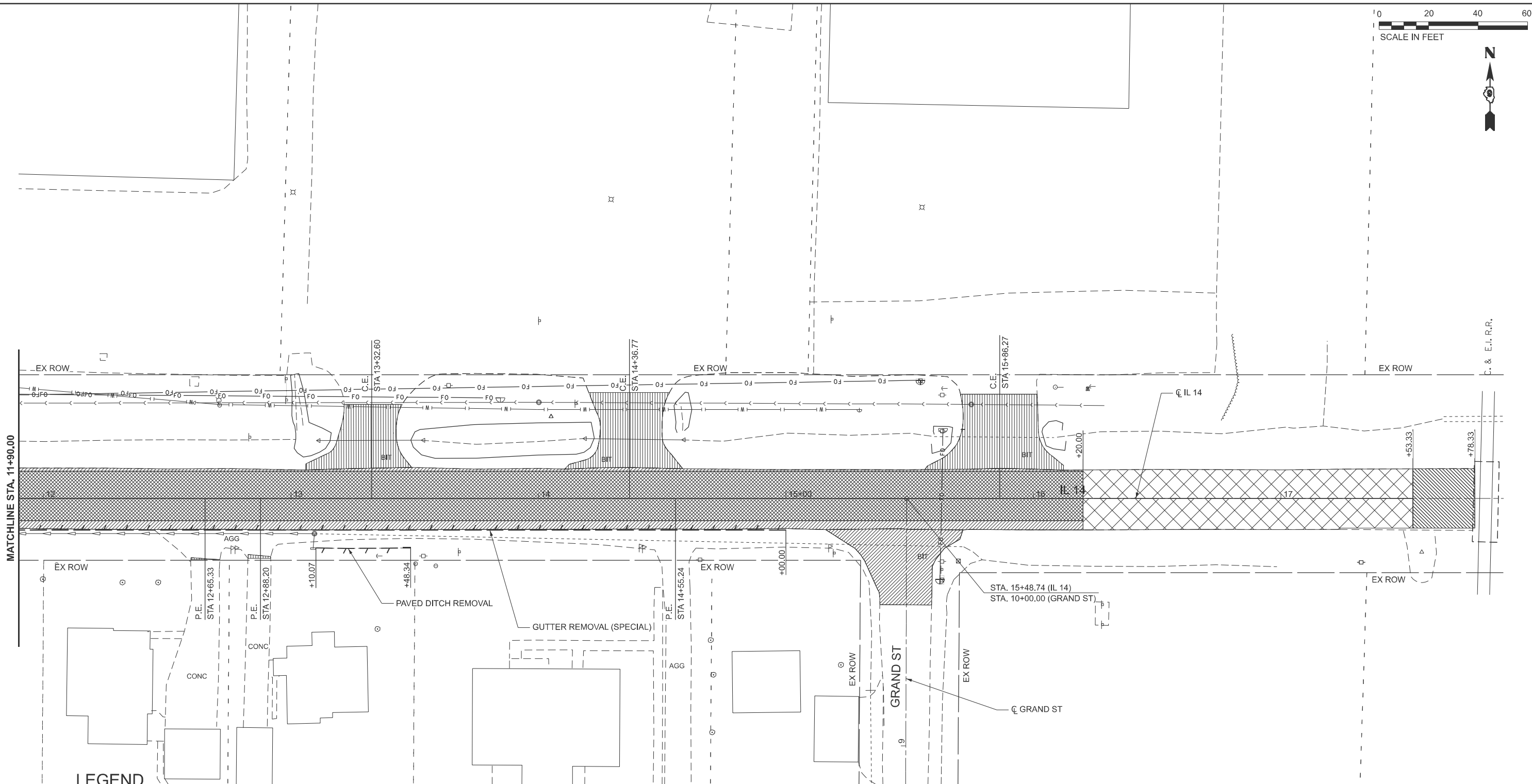
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
REMOVALS

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 5+90.00 TO STA. 11+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	69
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- HMA SURFACE REMOVAL - BUTT JOINT
 - SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
 - HMA SURFACE REMOVAL, 2 3/4"
 - PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - GUTTER REMOVAL (SPECIAL), PAVED DITCH REMOVAL, OR COMBINATION CURB & GUTTER REMOVAL

NOTE: SEE DRAINAGE PLANS FOR DRAINAGE REMOVALS

EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

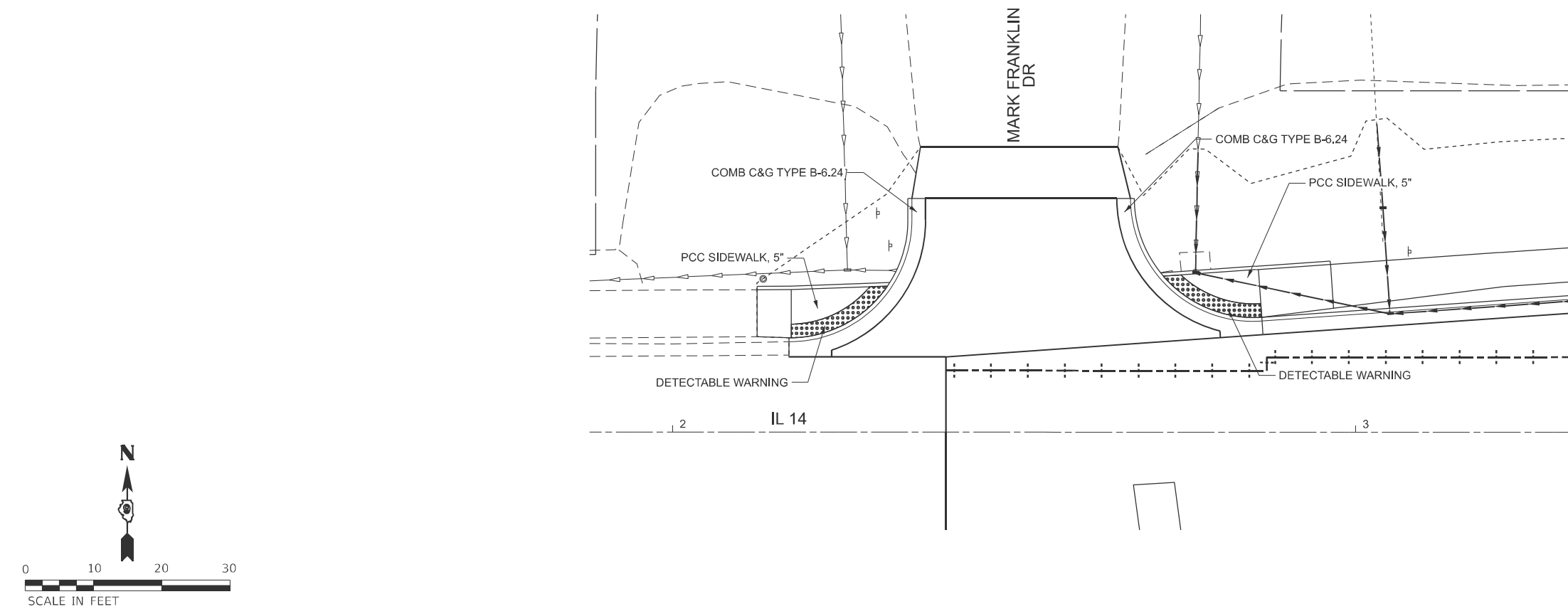
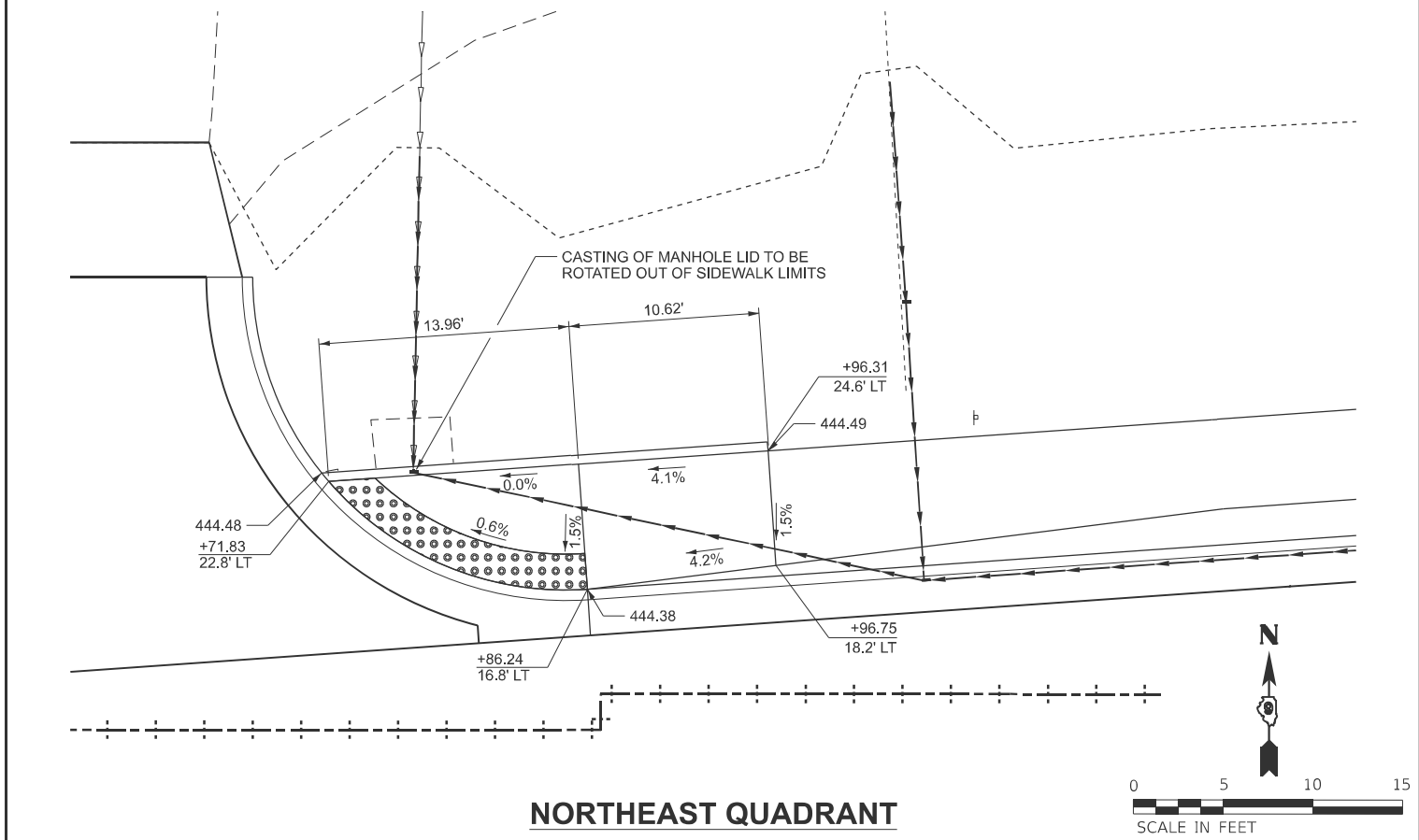
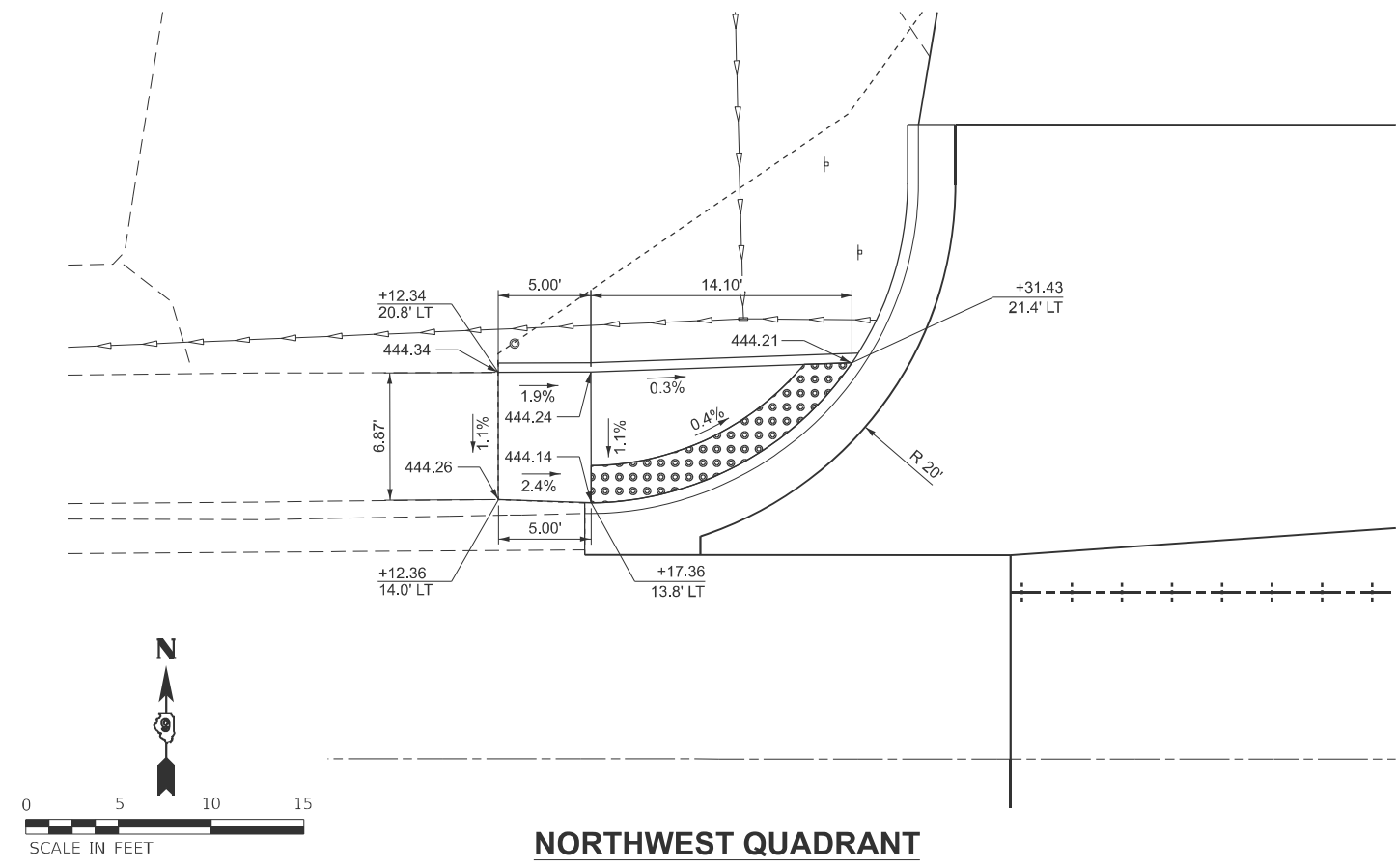
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
REMOVALS

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 11+90.00 TO STA. 17+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	70
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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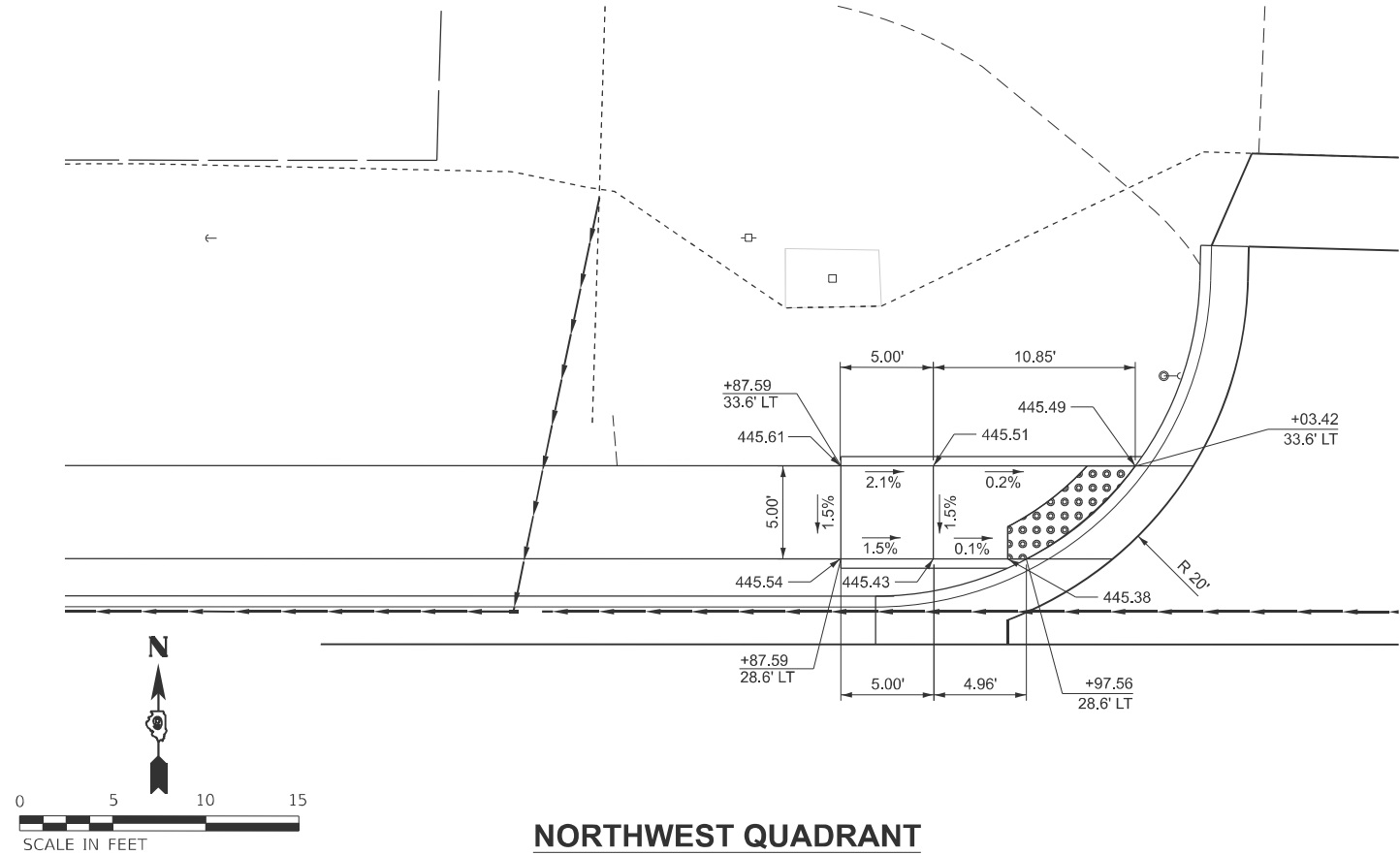
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		DRAWN - Z.J.W.	REVISED -
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	PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

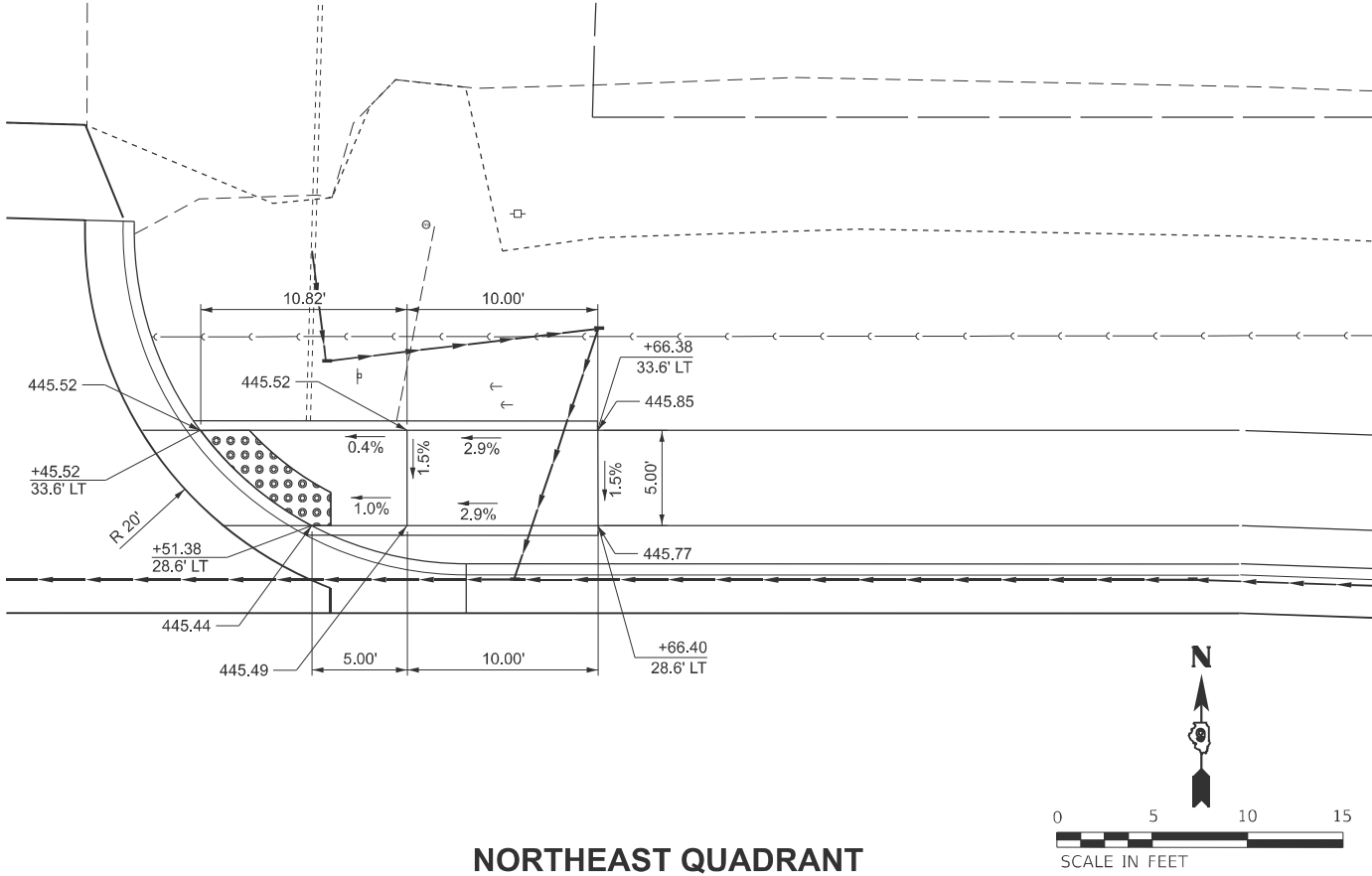
F.A.P. 853 (ILLINOIS ROUTE 14) ADA DETAILS			
SCALE:	SHEET 1	OF 2	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	71
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

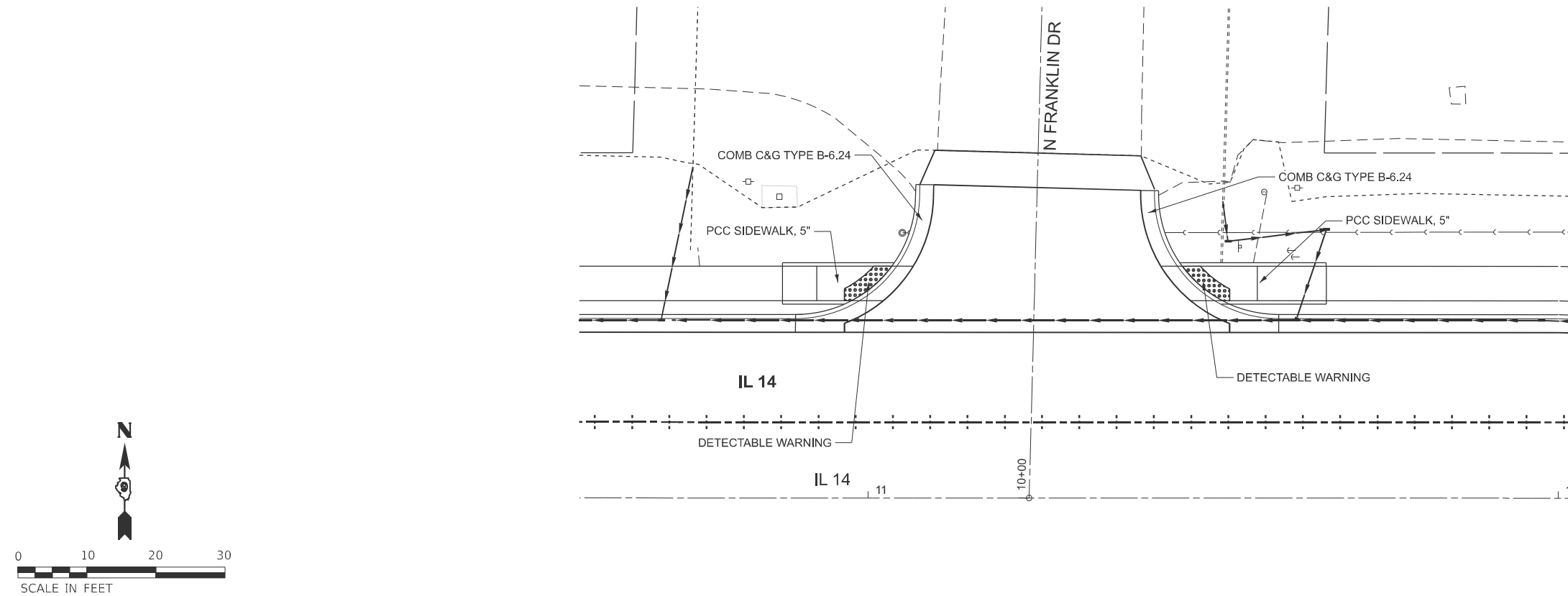
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NORTHWEST QUADRANT



NORTHEAST QUADRANT



EFK•Moen
Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

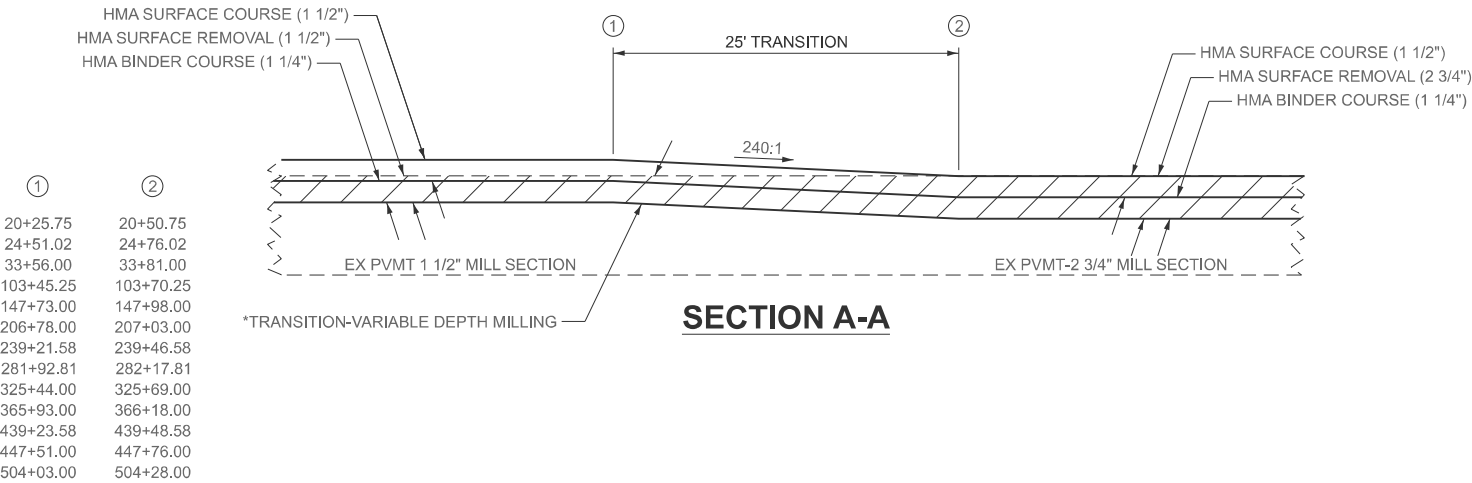
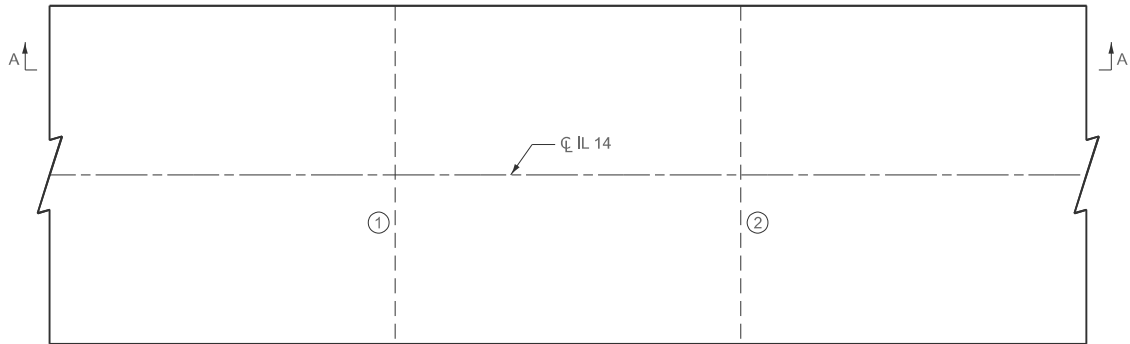
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
ADA DETAILS

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

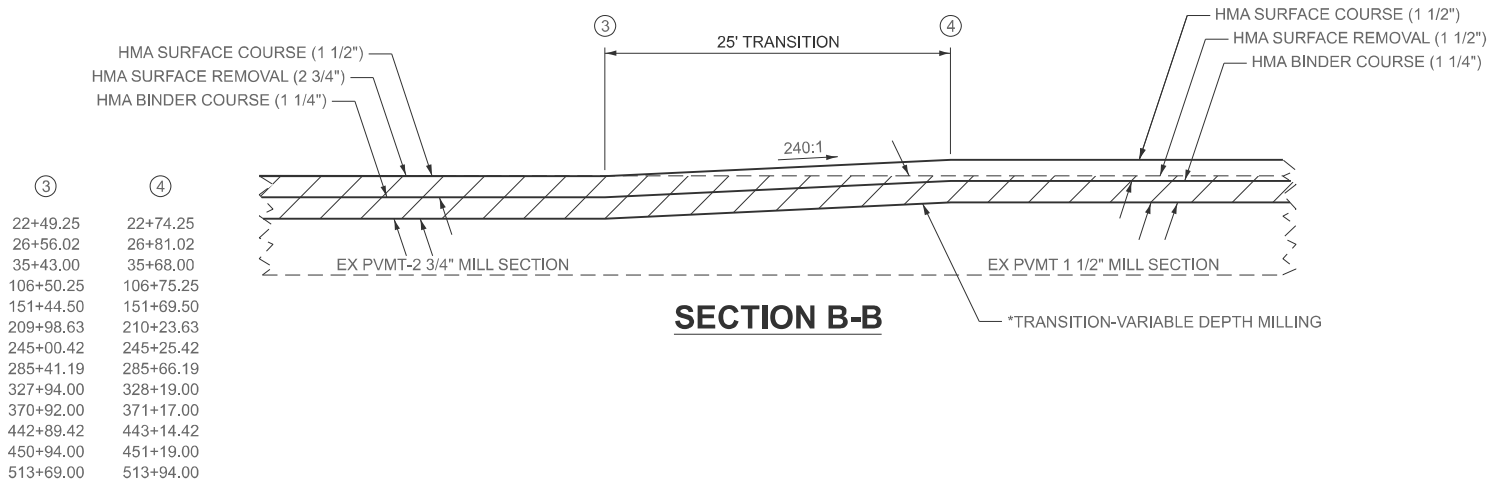
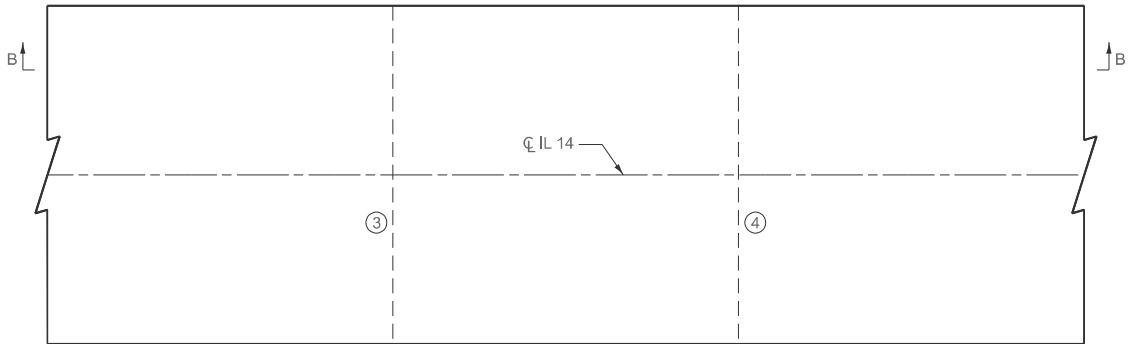
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	72
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

MILLING TRANSITION DETAIL 1



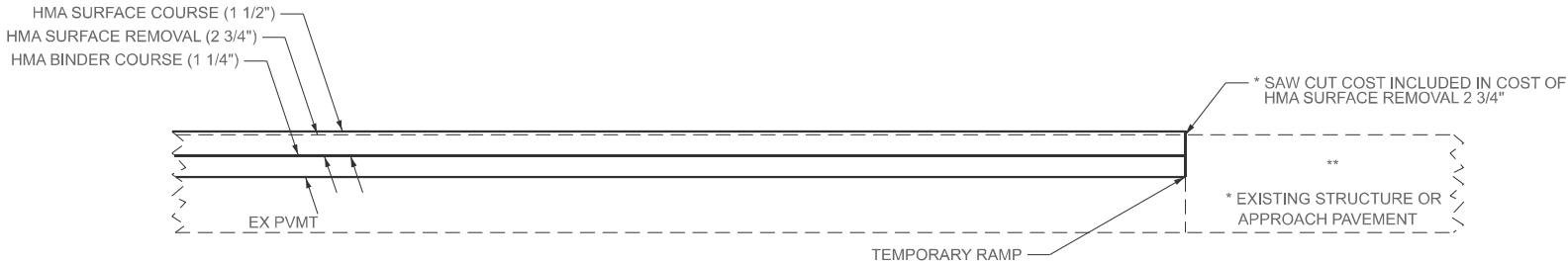
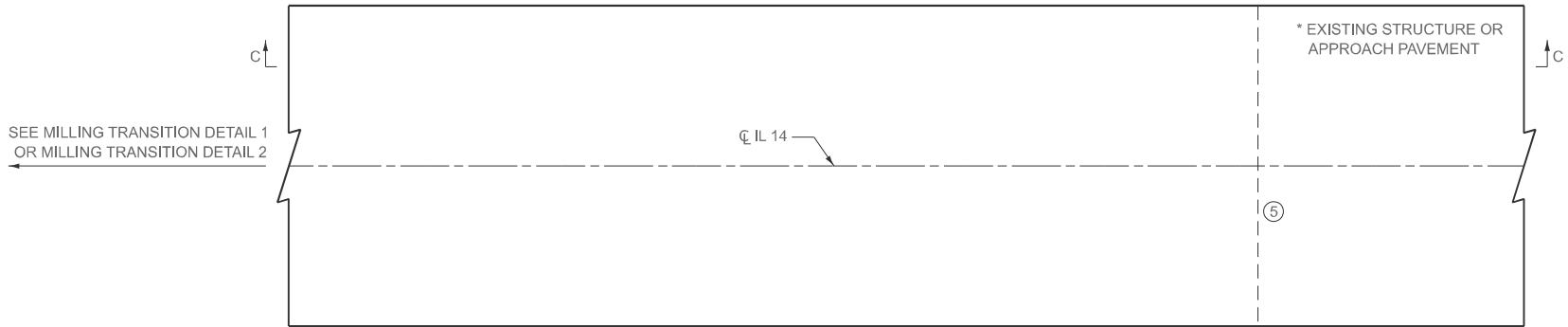
* VARIABLE TRANSITION TO BE PAID FOR AS HMA SURFACE REMOVAL, 1 1/2"

MILLING TRANSITION DETAIL 2



* VARIABLE TRANSITION TO BE PAID FOR AS HMA SURFACE REMOVAL, 1 1/2"

RESURFACING ADJACENT TO STRUCTURES

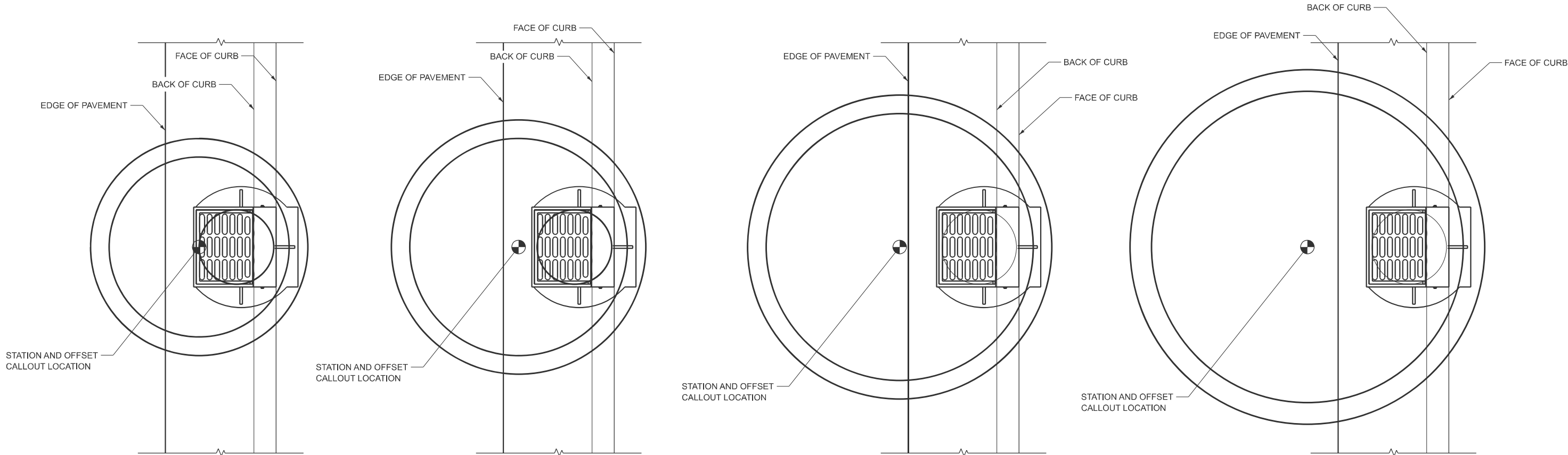


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**SN 028-0075	21+43.25
**SN 028-0024	149+42.00
**SN 028-0025	150+00.50
**SN 028-0026	208+29.00
**SN 028-0074	208+72.63
**SN 028-0028	241+19.58
**SN 028-0029	241+50.42
	283+68.81
	284+01.19
	368+21.00
	368+89.00
	441+04.58
	441+47.42
	449+06.00
	449+72.00

USER NAME = ahevrdajs	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/1/2025	DATE - 3/19/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	73
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

STRUCTURE STATION / OFFSET LOCATIONS

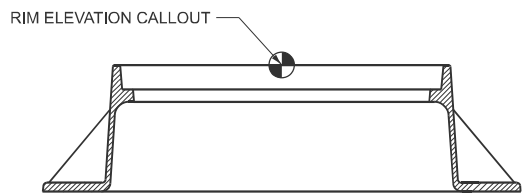


PRECAST MANHOLE, 4' DIAMETER, TYPE A

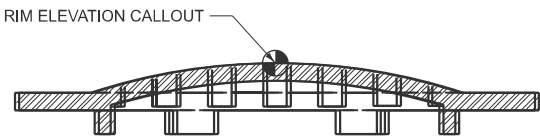
PRECAST MANHOLE, 5' DIAMETER, TYPE A

PRECAST MANHOLE, 6' DIAMETER, TYPE A

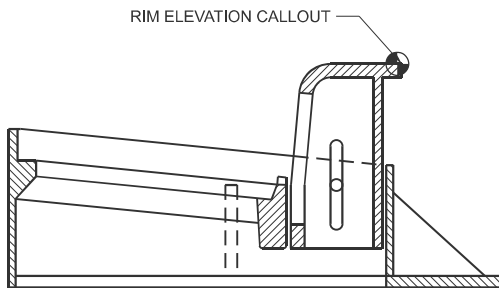
PRECAST MANHOLE, 7' DIAMETER, TYPE A



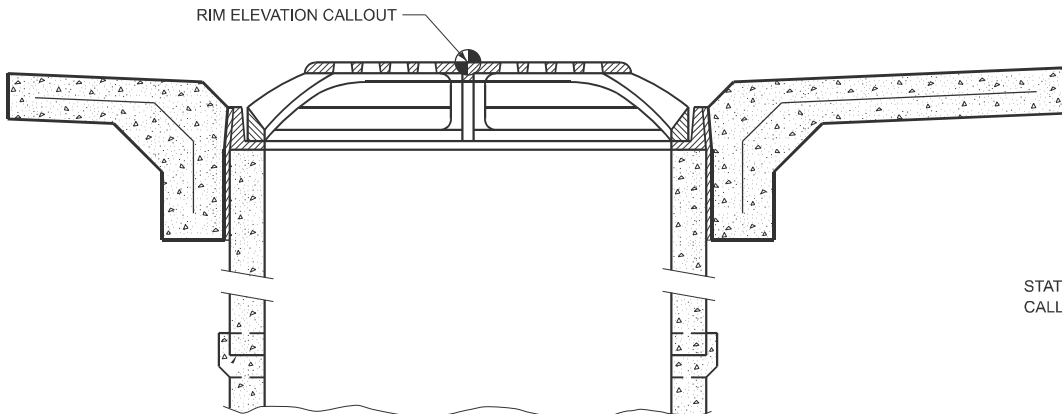
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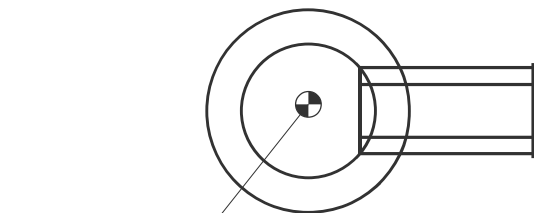
GRATE TYPE 8



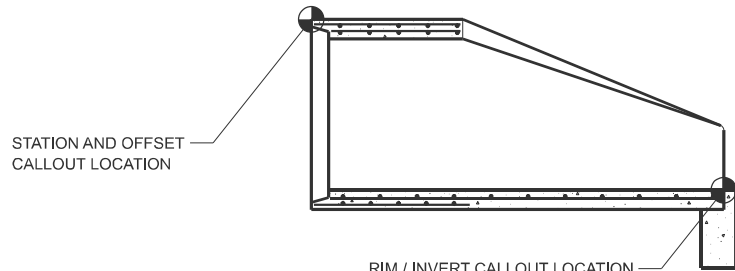
FRAME AND GRATE TYPE 3



MEDIAN INLET FOR 36" (900 mm)
REINFORCED CONCRETE PIPE



INLET TYPE A



PRECAST REINFORCED CONCRETE
FLARED END SECTION

MODEL: SMOLEFILES
FILE NAME: SFLEABBREV\$



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USER NAME = ahevrdajs	DESIGNED - BLY	REVISED -
	DRAWN - RAH	REVISED -
	CHECKED - JMM	REVISED -
PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -

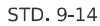
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DRAINAGE DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	74
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

STD. 9-14

W8-11 (48" X 48")



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

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

STD. 9-24

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

 INDICATES LIMITS OF SEEDING & MULCHING

STD. 9-19

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

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

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

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

ALL DIMENSIONS IN INCHES



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

USER NAME = ahevrdajs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

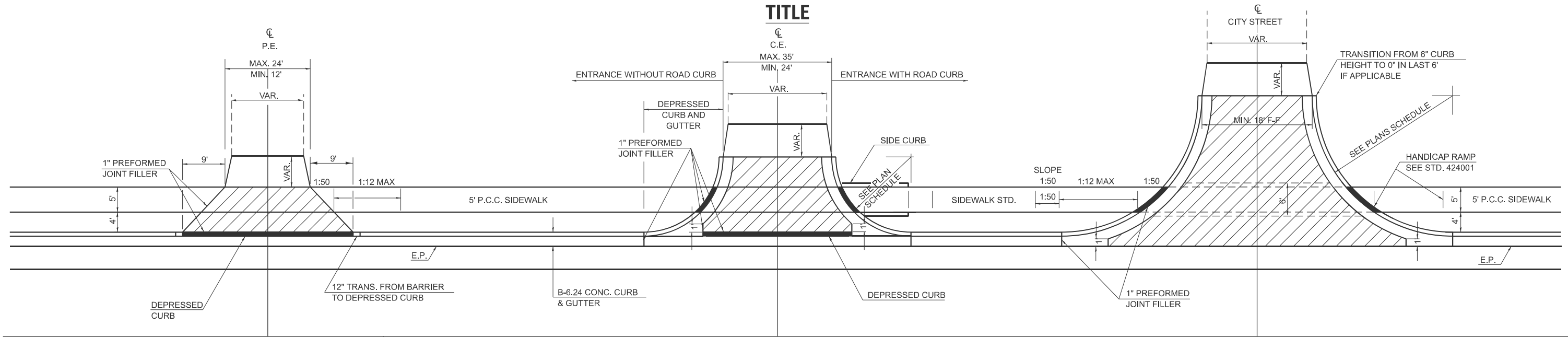
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**F.A.P. 853 (ILLINOIS ROUTE 14)
DISTRICT STANDARDS**

SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	75
		CONTRACT NO. 78943		
ILLINOIS		FED. AID PROJECT		

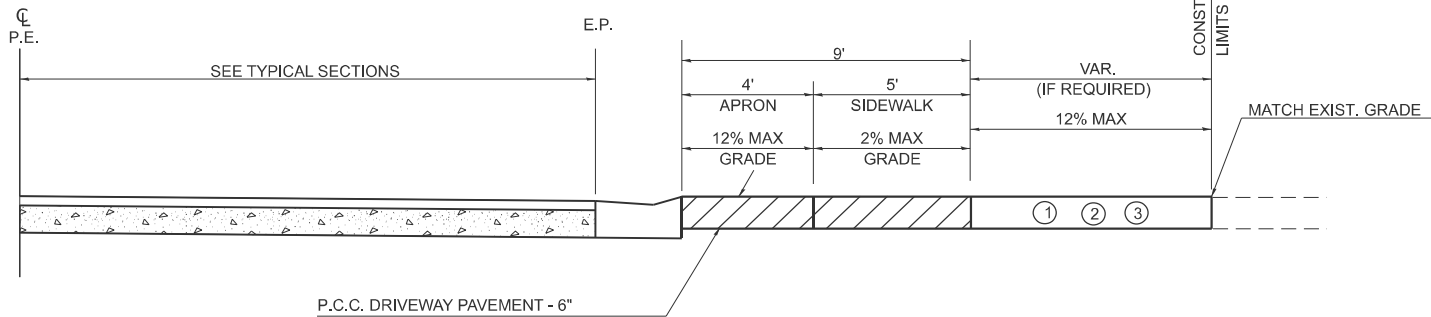
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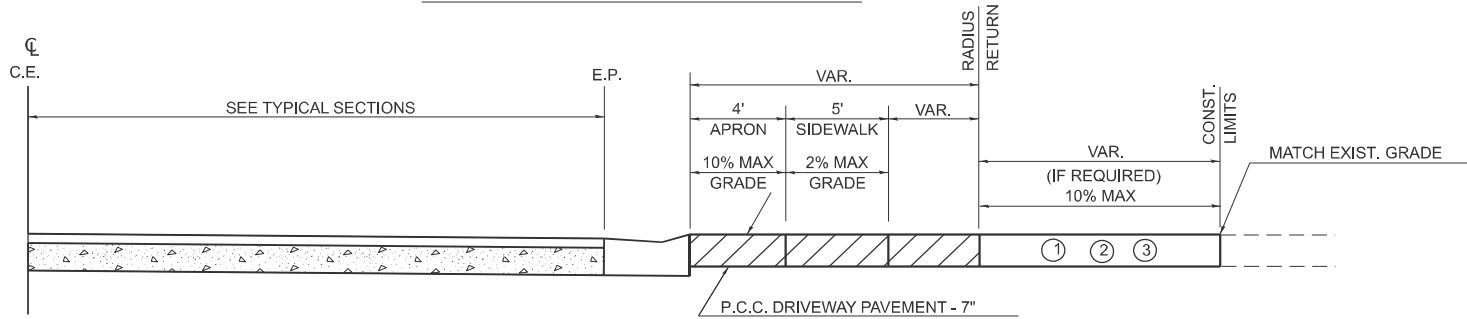
DETAILS PRIVATE ENTRANCE

DETAILS COMMERCIAL ENTRANCE

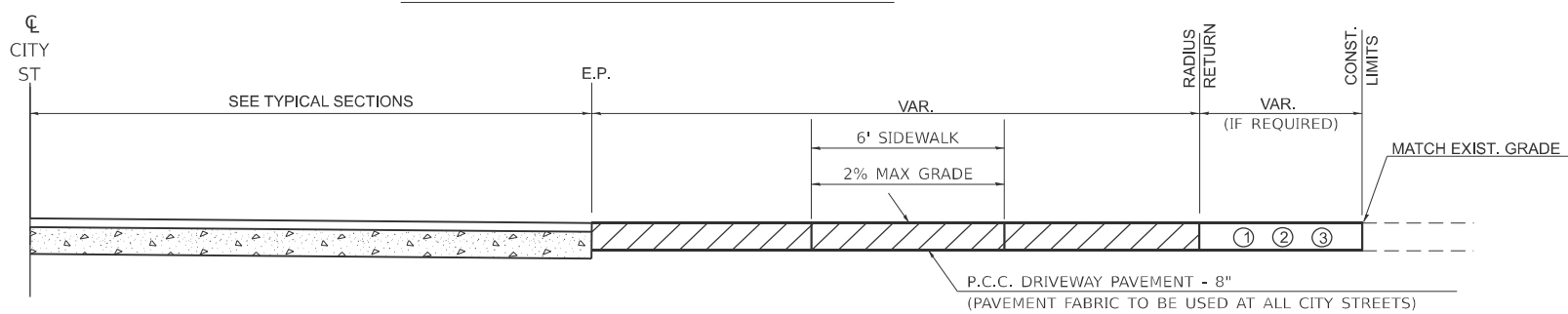
DETAILS CITY STREETS



PROFILE OF PRIVATE ENTRANCES



PROFILE OF COMMERCIAL ENTRANCES



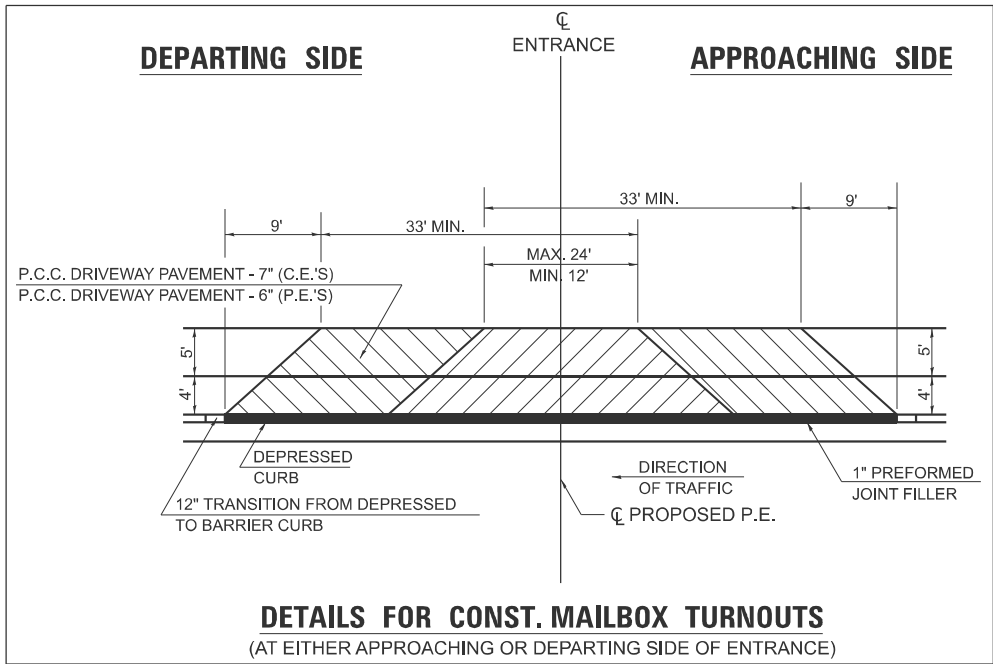
PROFILE OF CITY STREETS

GENERAL NOTES

1. SEE PLAN SCHEDULES FOR DIMENSIONS AND QUANTITIES.
2. SEE CROSS SECTIONS FOR PROPOSED PROFILE OF SIDEROAD AND ENTRANCES.
3. IN GENERAL, WIDTH TRANSITION TAPER RATES ARE TO BE 5:1 FOR ENTRANCES, AND 10:1 FOR CITY STREETS.
4. THE SAWING OF ALL JOINTS IN PCC DRIVEWAY PAVEMENT AT ALL LOCATIONS DESIGNATED BY THE ENGINEER, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PCC DRIVEWAY PAVEMENT.
5. THE SIDEWALK AREA OF THE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED AS A SEPARATE POUR.

LEGEND

- ① EXISTING AGGREGATE SURFACE:
CONSTRUCT AGGREGATE SURFACE CSE, TYPE A WEDGE TO MATCH EXISTING GRADE.
USE 6" MIN. (8" MIN. FOR CITY STREETS) THICKNESS FOR ANY REQUIRED WIDENING.
- ② EXISTING BITUMINOUS SURFACE:
USE 2" MIN. BITUMINOUS RESURFACING ON 4" MIN. AGGREGATE BASE COURSE.
- ③ EXISTING CONCRETE SURFACE:
P.C.C. DRIVEWAY PAVEMENT 6" P.E.'S
P.C.C. DRIVEWAY PAVEMENT 7" C.E.'S
P.C.C. DRIVEWAY PAVEMENT 8" CITY STREETS
(6" MIN. FOR CITY STREETS)



STD. 9-

PLOT DATE = 4/7/2025	USER NAME = ZWaters	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE - 3/19/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DISTRICT STANDARDS

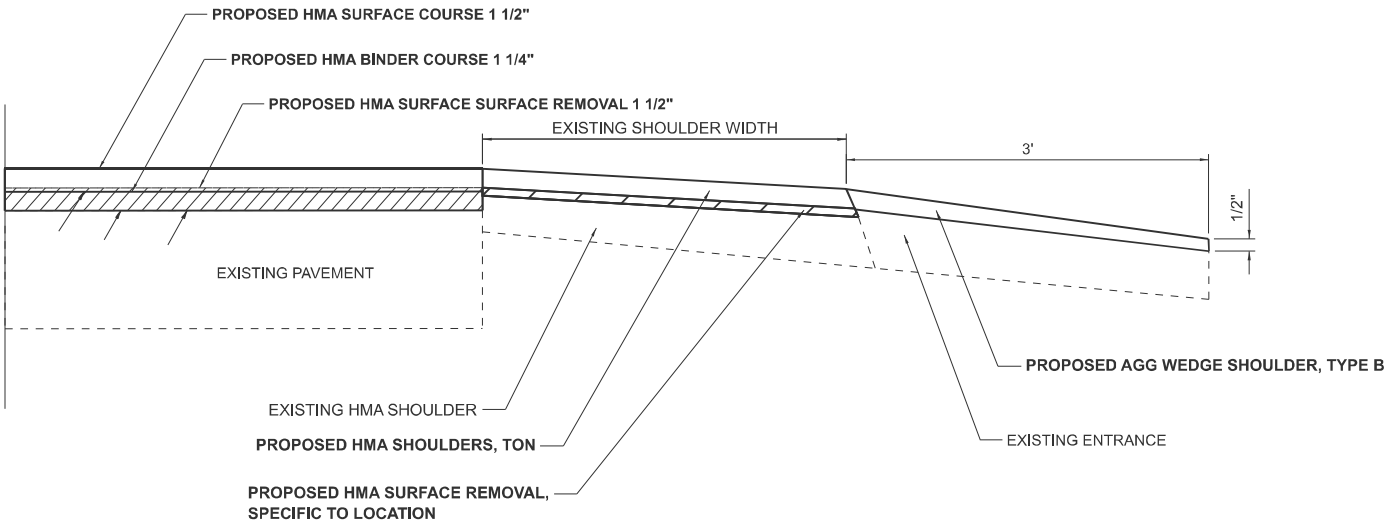
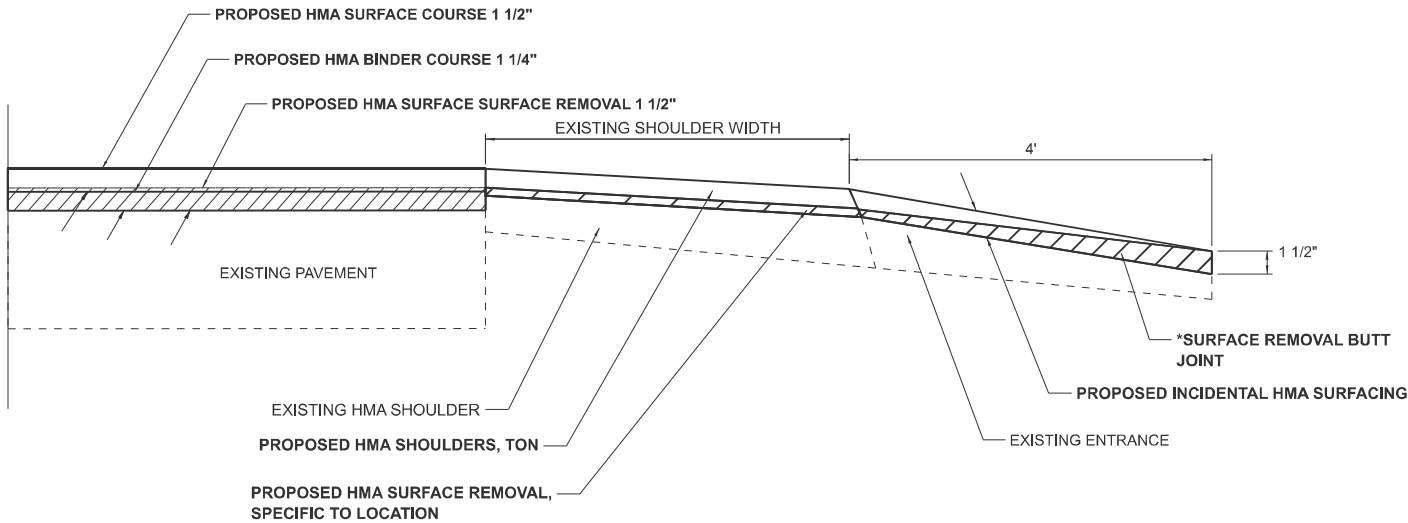
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	76
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

DRAWN	
REVISED	
REVISED	
REVISED	

BITUMINOUS OR PCC ENTRANCE WITH PAVED SHOULDER

AGGREGATE ENTRANCE WITH PAVED SHOULDER



DRAWN	
REVISED	
REVISED	
REVISED	

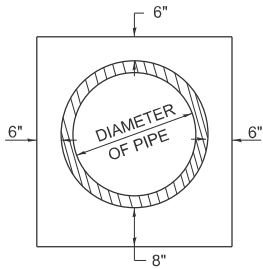
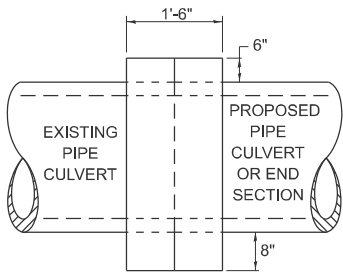
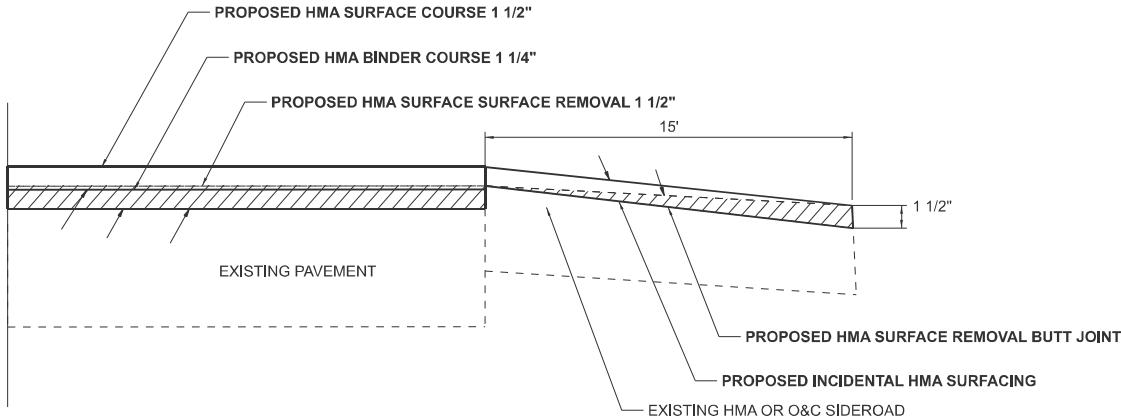
STD. 9-

DRAWN	
REVISED	
REVISED	
REVISED	

STD. 9-

HMA, PCC OR OIL & CHIP SIDEROADS WITH BUTT JOINT

CONCRETE COLLAR
PIPE TO PIPE



TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

DRAWN	
REVISED	
REVISED	
REVISED	

STD. 9-

DRAWN	07-13-90
REVISED	03-26-08
REVISED	10-21-21
REVISED	05-03-22

STD. 9-02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
DISTRICT STANDARDS

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

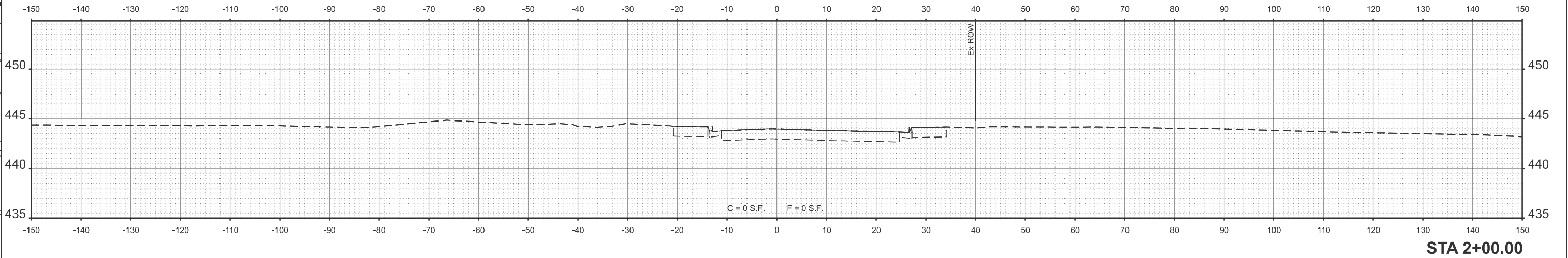
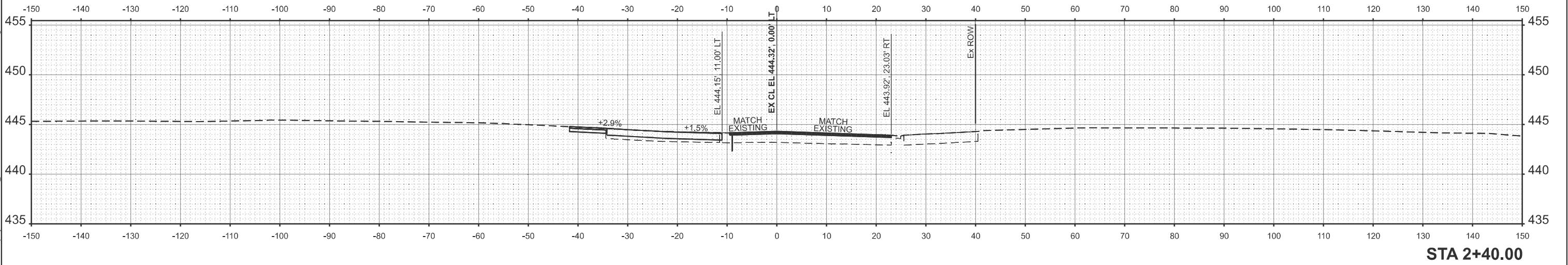
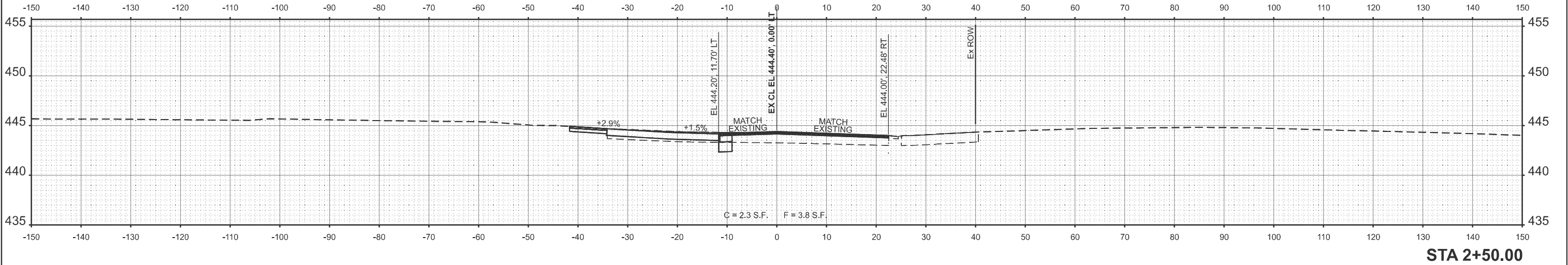
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	77
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

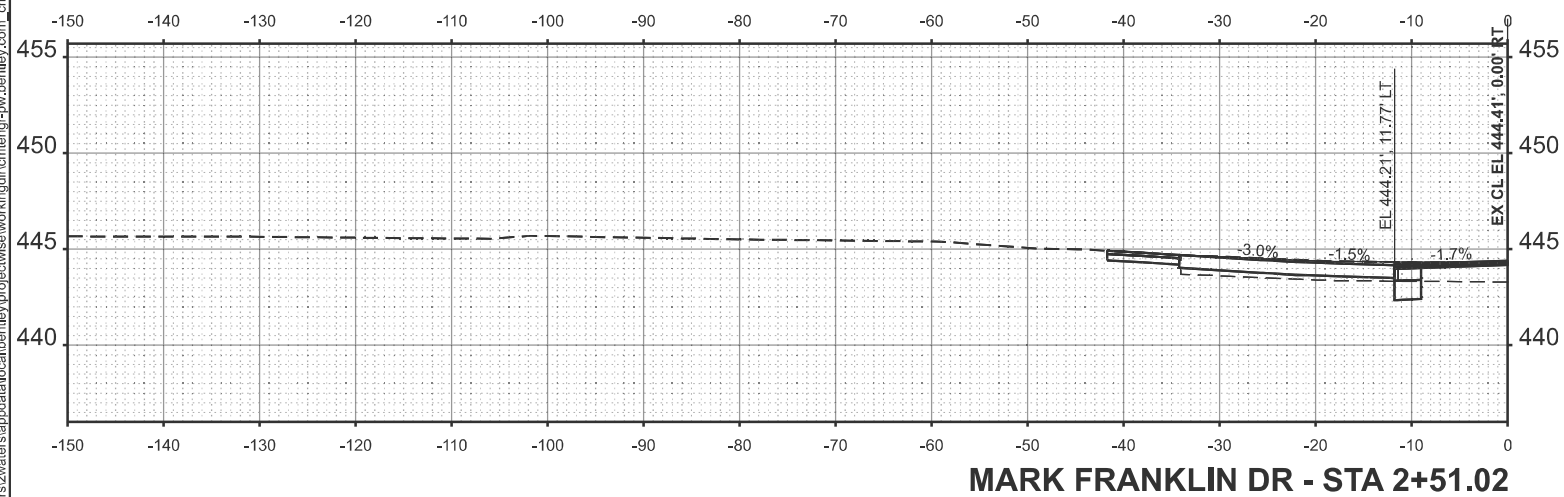
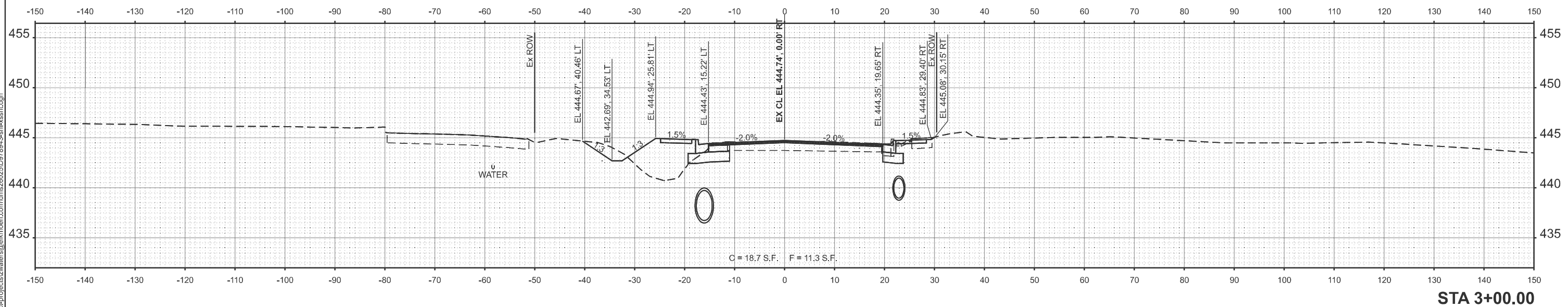
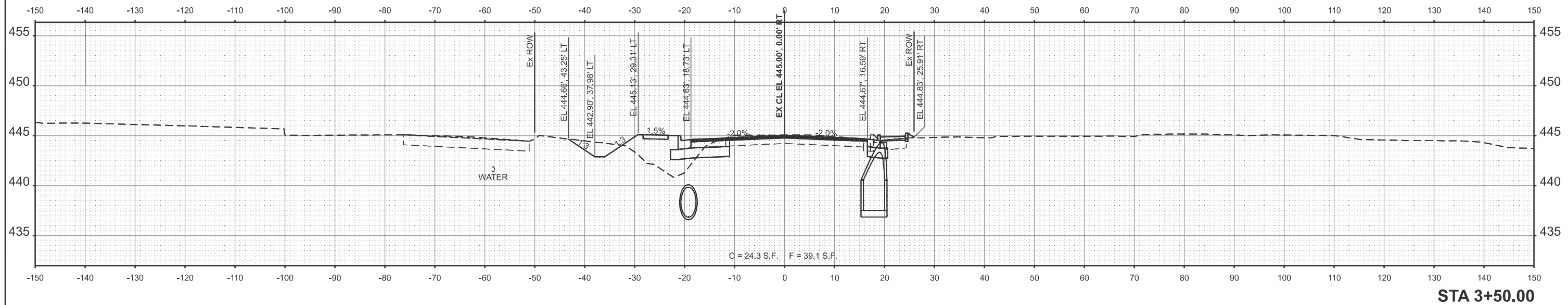
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1. IF THE EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.
3. *SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

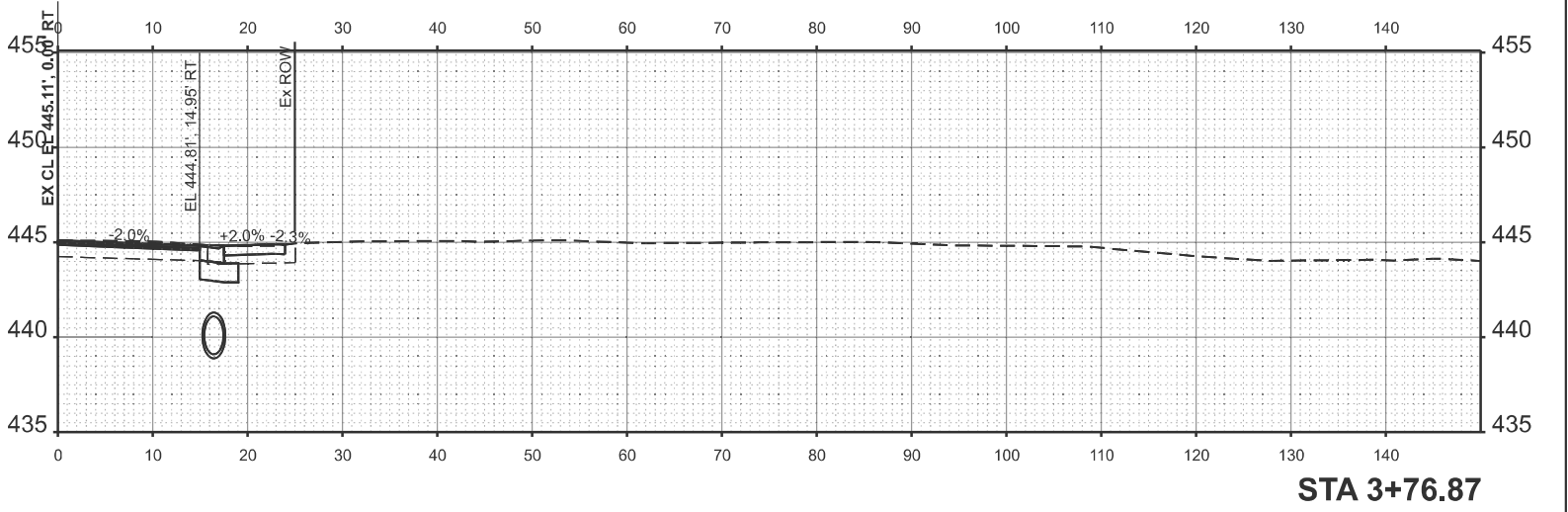
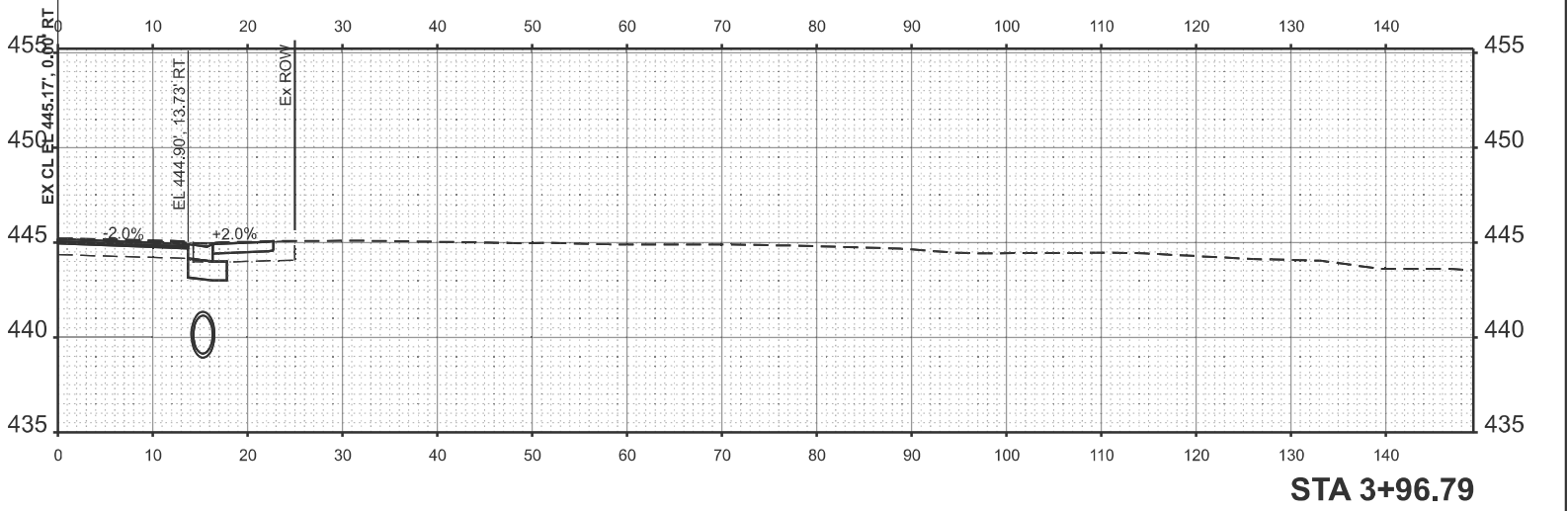
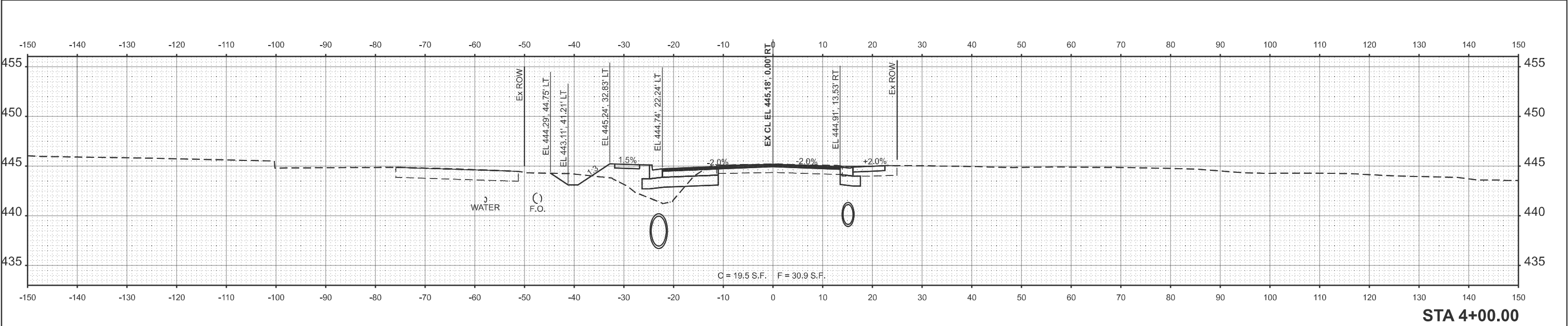
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

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Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
	DATE - 3/19/2025	REVISED -

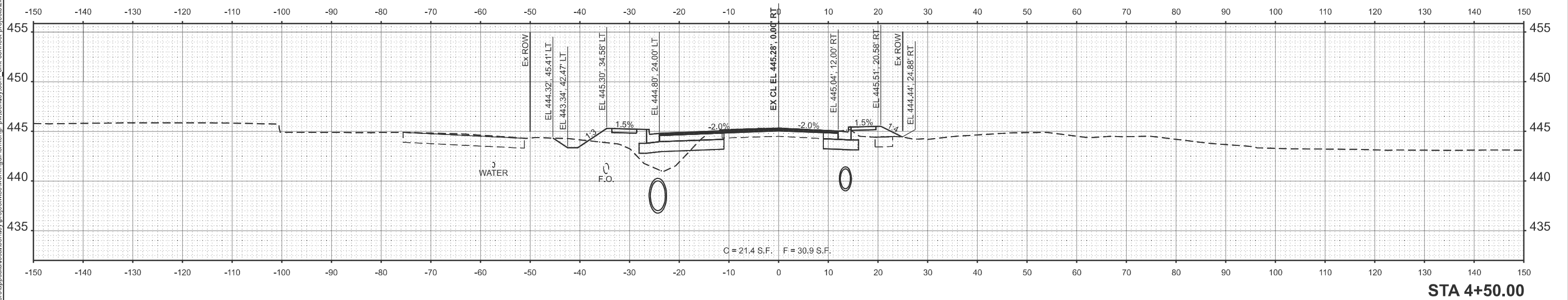
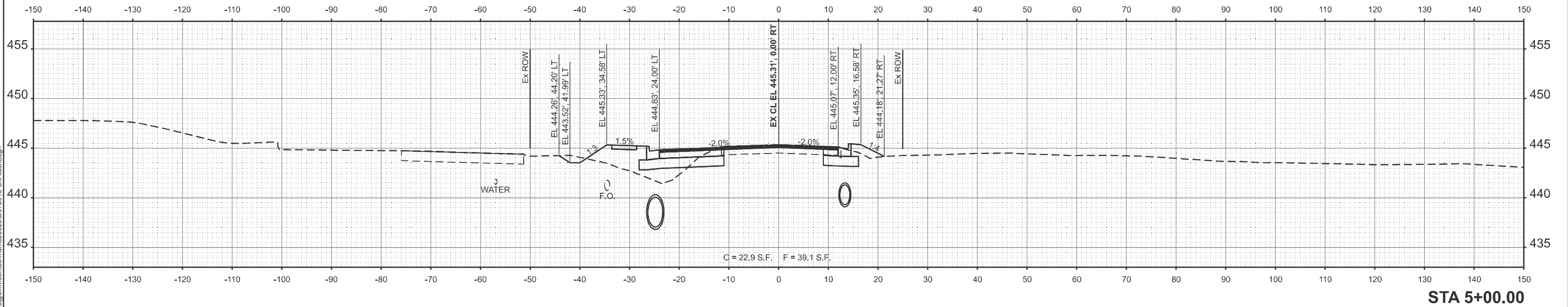
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 3 OF 17 SHEETS STA. 3+76.87 TO STA. 4+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	80
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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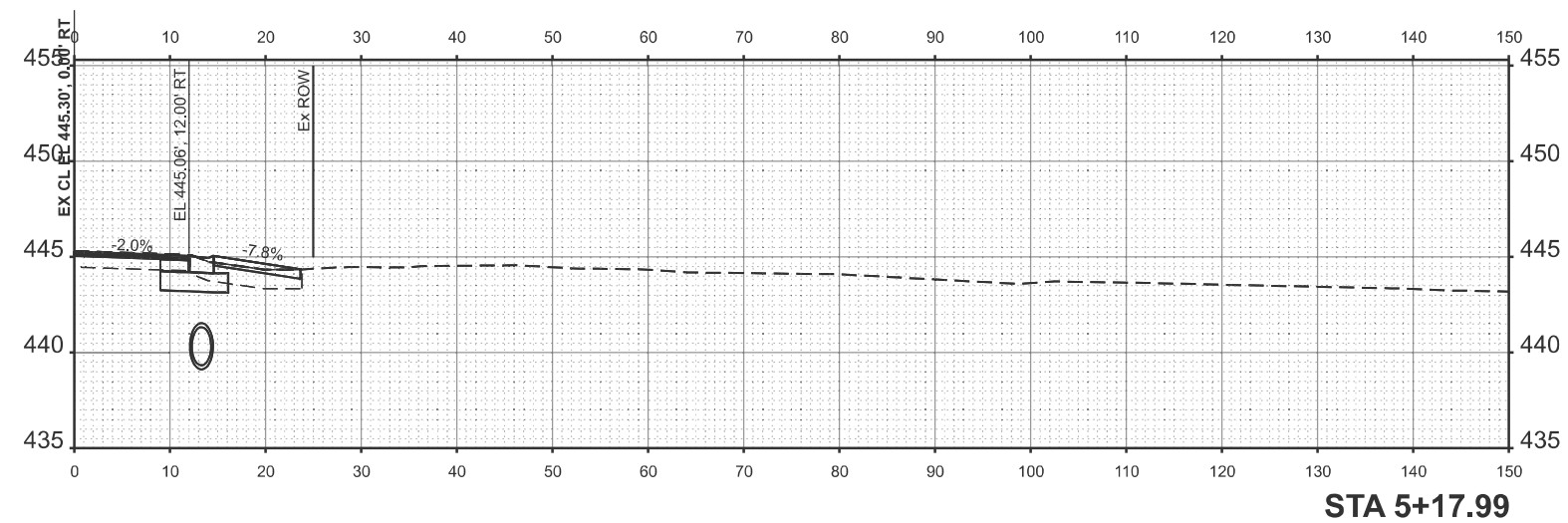
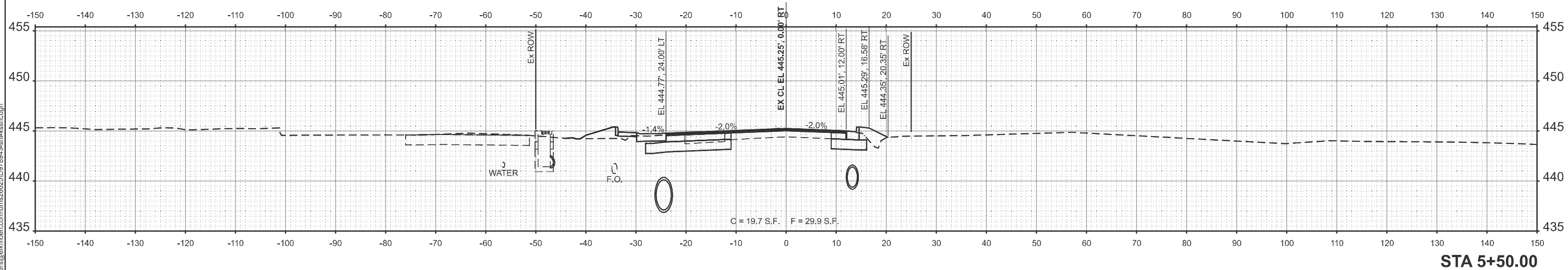
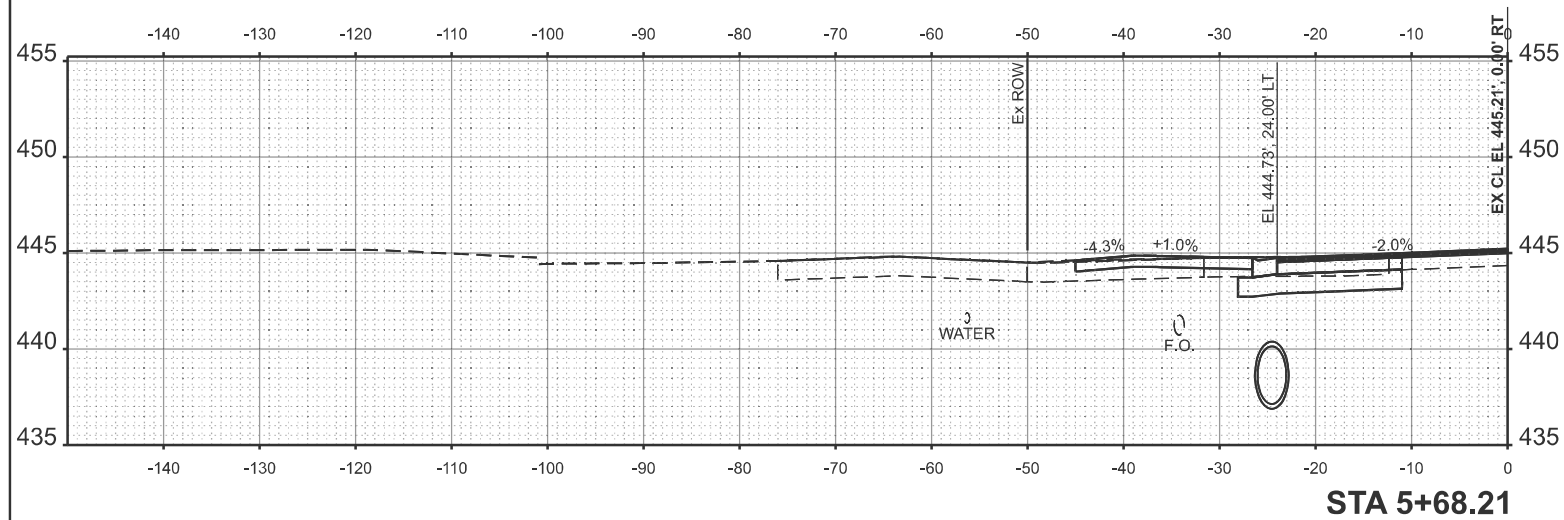
USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

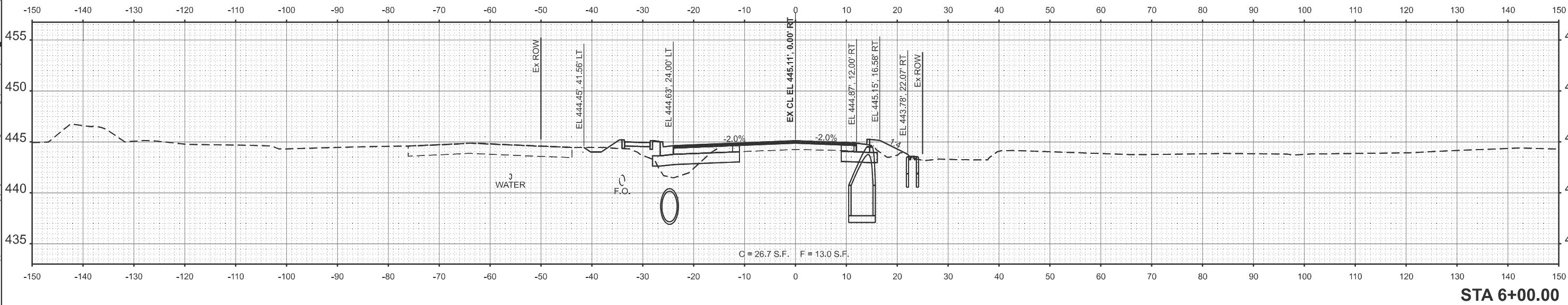
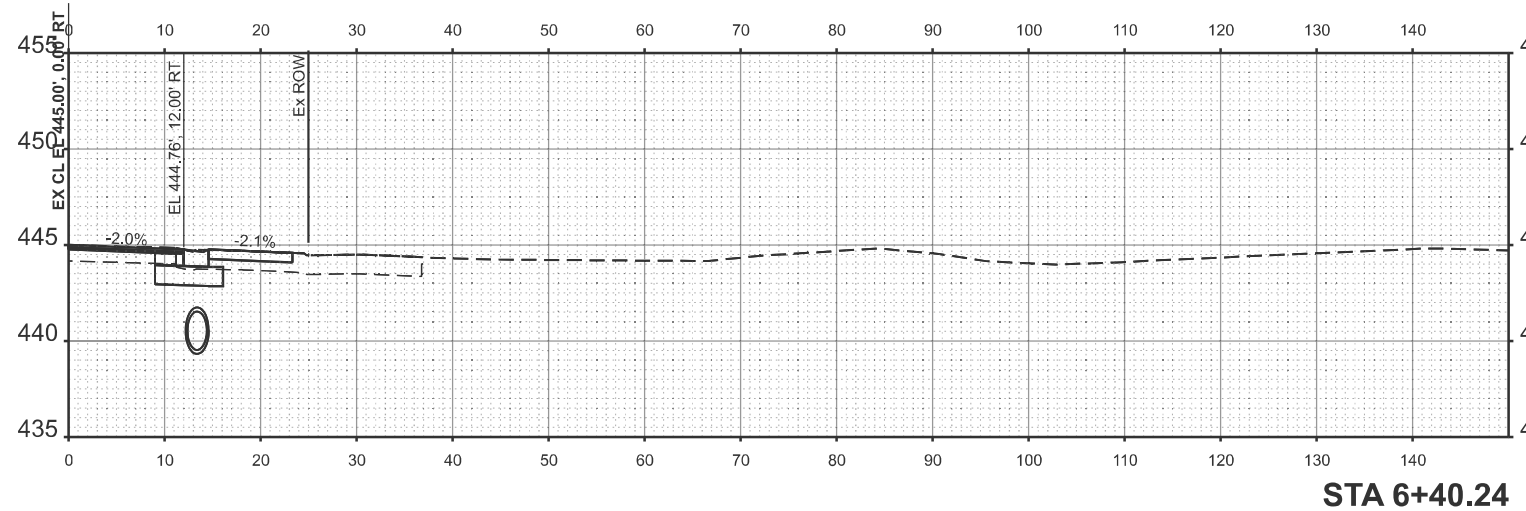
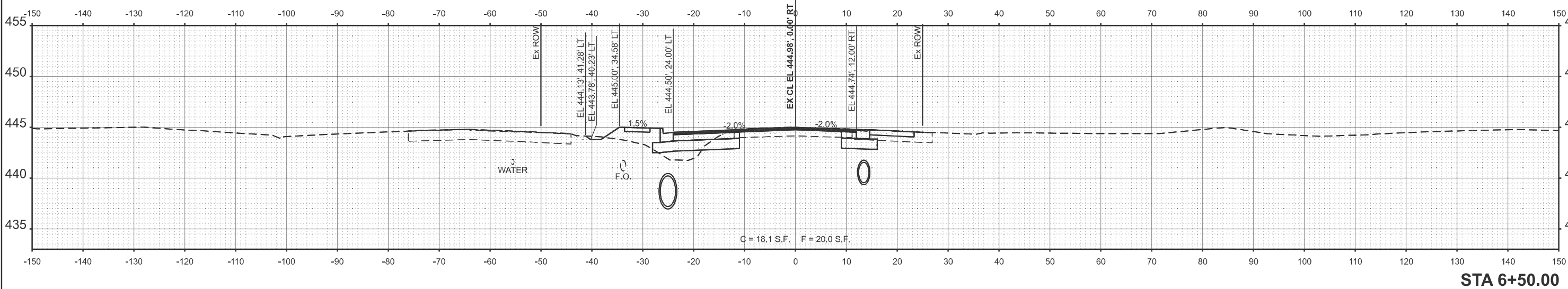
F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 4 OF 17 SHEETS STA. 4+50.00 TO STA. 5+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	81
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



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USER NAME = ZWaters

DESIGNED - A.E.H.

REVISED -

DRAWN - Z.J.W.

REVISED -

CHECKED - S.L.D.

REVISED -

PLOT DATE = 4/7/2025

DATE - 3/19/2025

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V

SHEET 6

OF 17

SHEETS

STA. 6+00.00

TO STA. 6+50.00

F.A.P.

RTE.

853

SECTION

(5,6,7) RS-3

COUNTY

FRANKLIN

TOTAL

SHEETS

94

SHEET

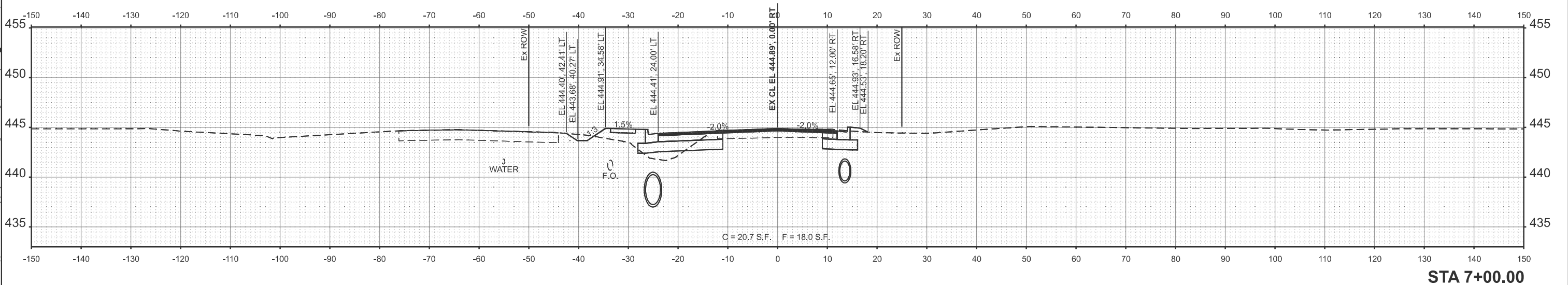
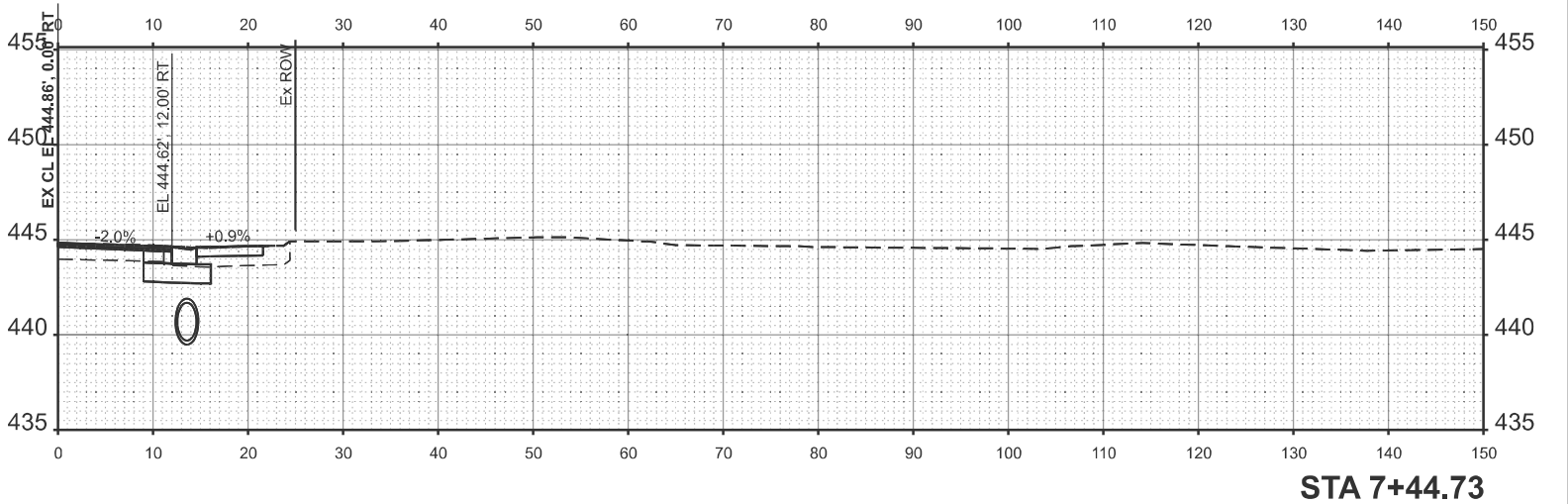
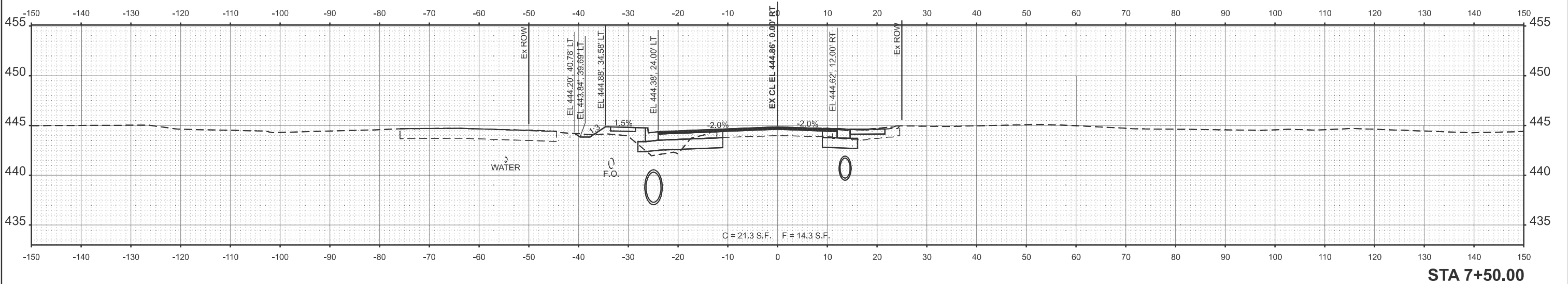
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83

CONTRACT NO. 78943

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USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

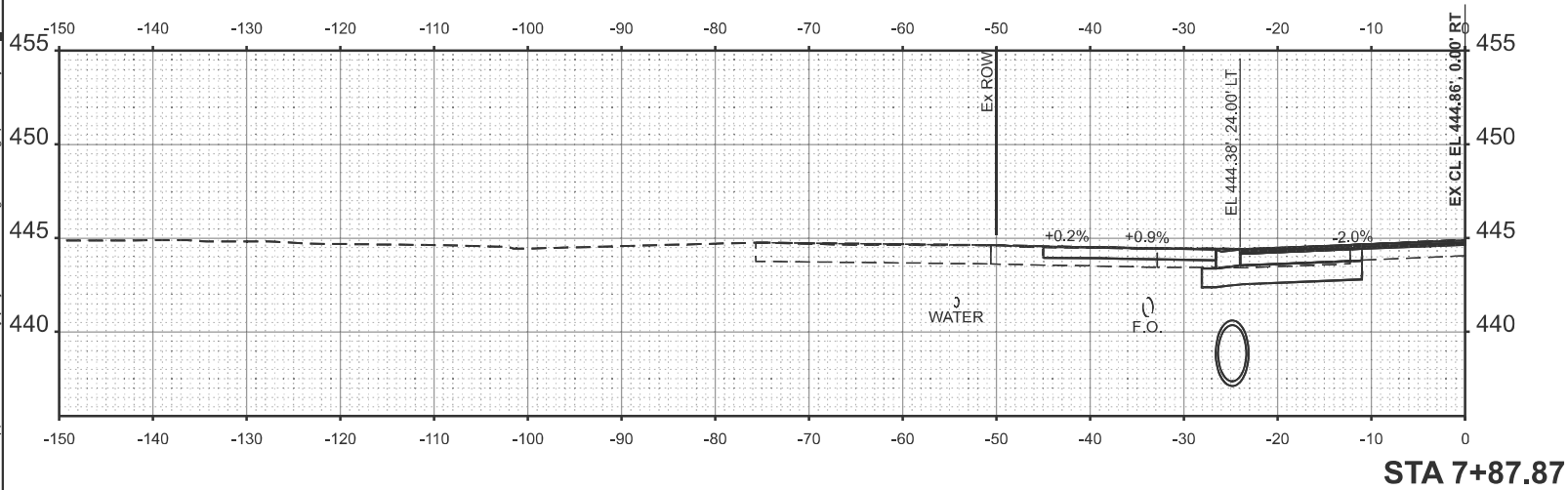
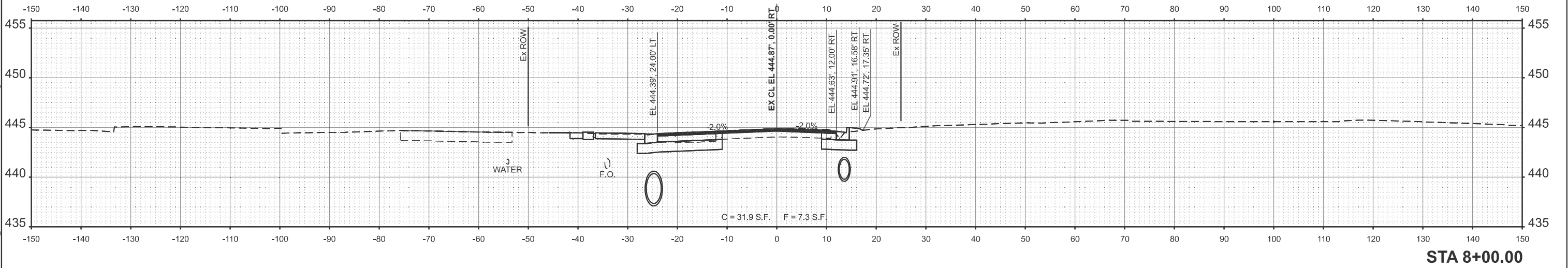
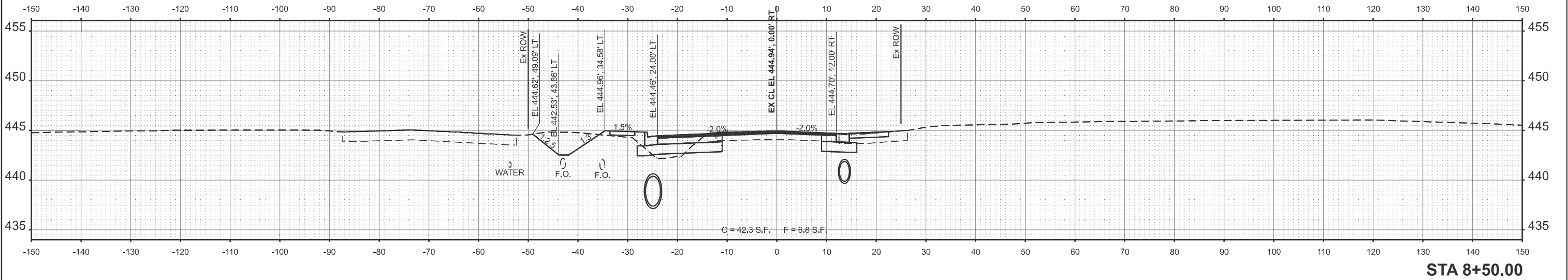
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 7 OF 17 SHEETS STA. 7+00.00 TO STA. 7+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	84
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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EFK•Moen
Civil Engineering Design

USER NAME = ZWaters

DESIGNED - A.E.H.

REVISED -

DRAWN - Z.J.W.

REVISED -

CHECKED - S.L.D.

REVISED -

PLOT DATE = 4/7/2025

DATE - 3/19/2025

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V

SHEET 8

OF 17

SHEETS

STA.

7+87.87

TO STA.

8+50.00

F.A.P.

RTE.

853

SECTION

(5,6,7) RS-3

COUNTY

FRANKLIN

TOTAL

SHEETS

94

SHEET

NO.

85

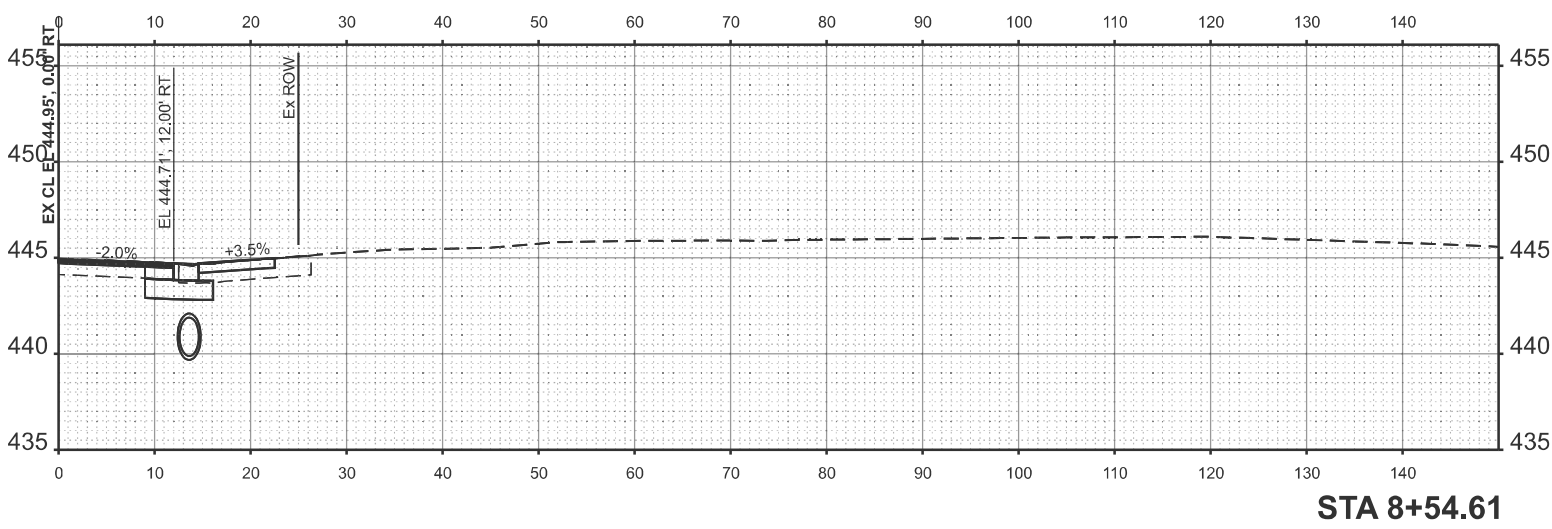
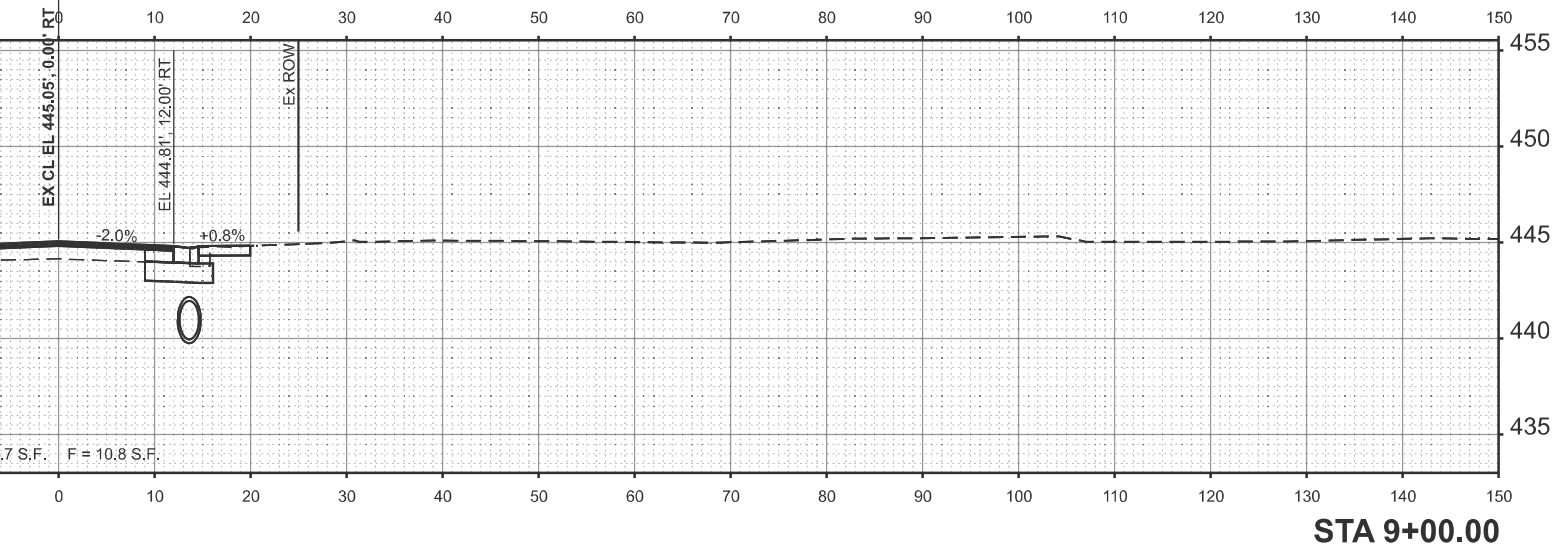
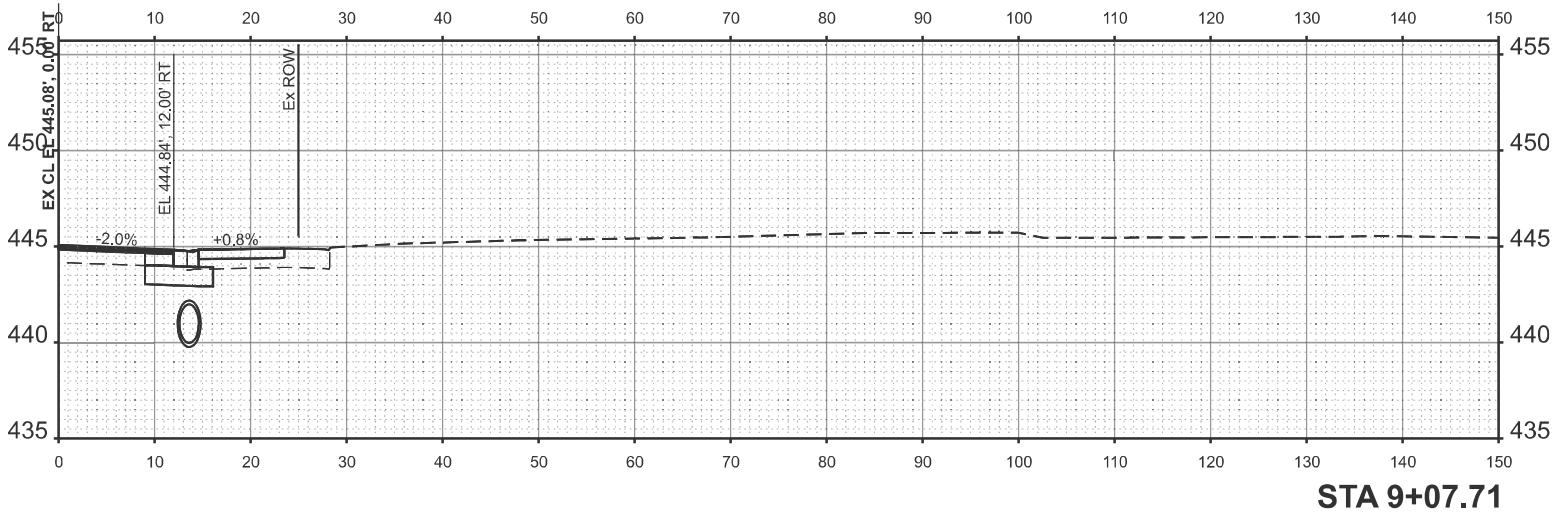
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ILLINOIS FED. AID PROJECT

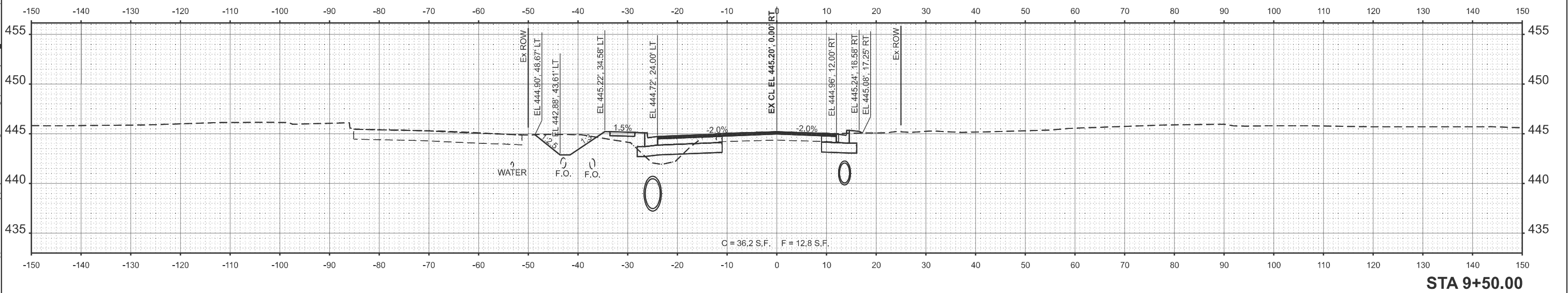
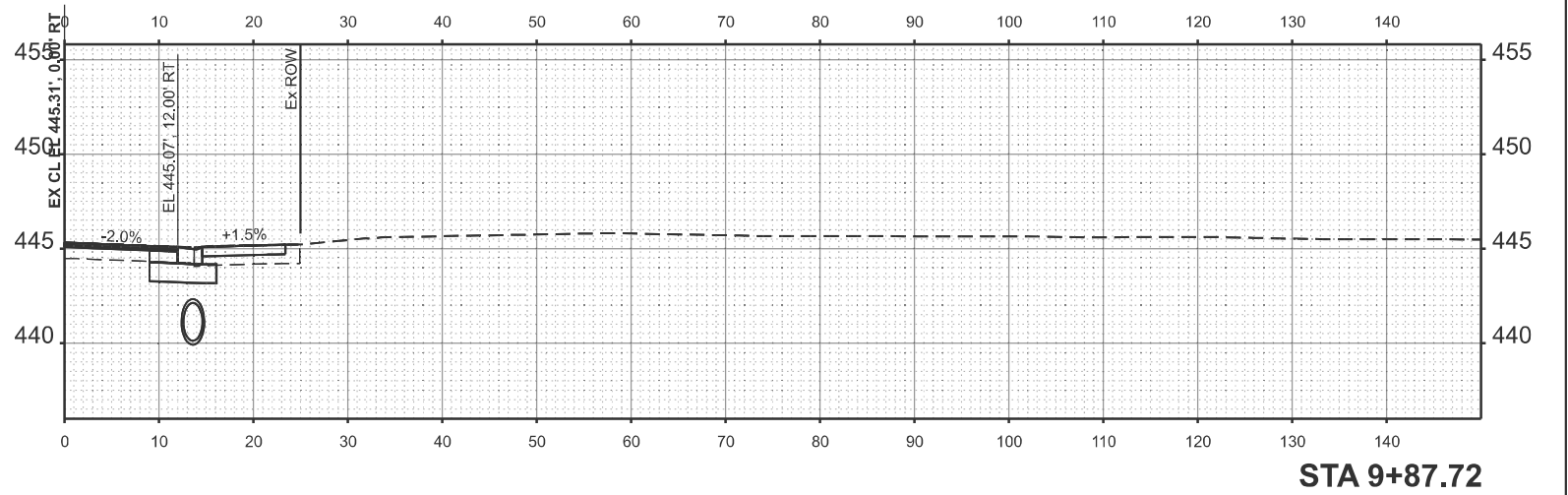
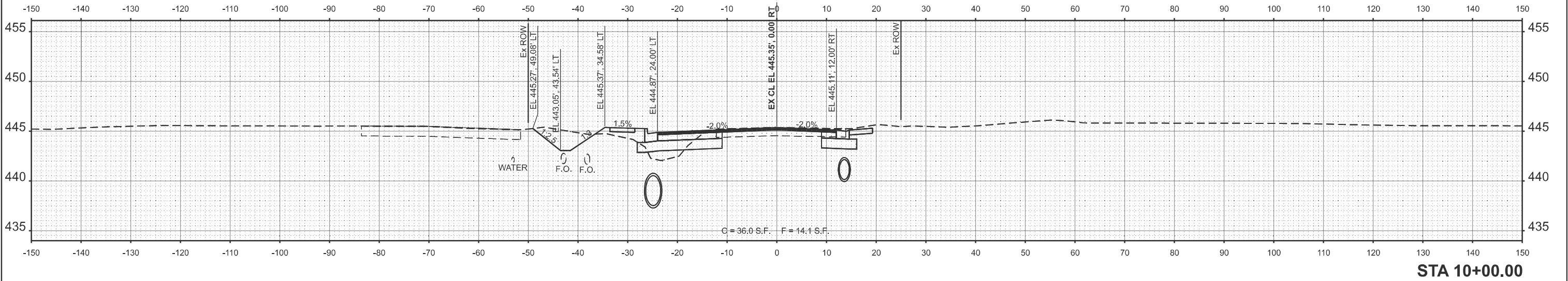
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USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
PLOT DATE = 4/7/2025	CHECKED - S.L.D.	REVISED -
	DATE - 3/19/2025	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	86
CONTRACT NO. 78943				
ILLINOIS			FED. AID PROJECT	



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Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

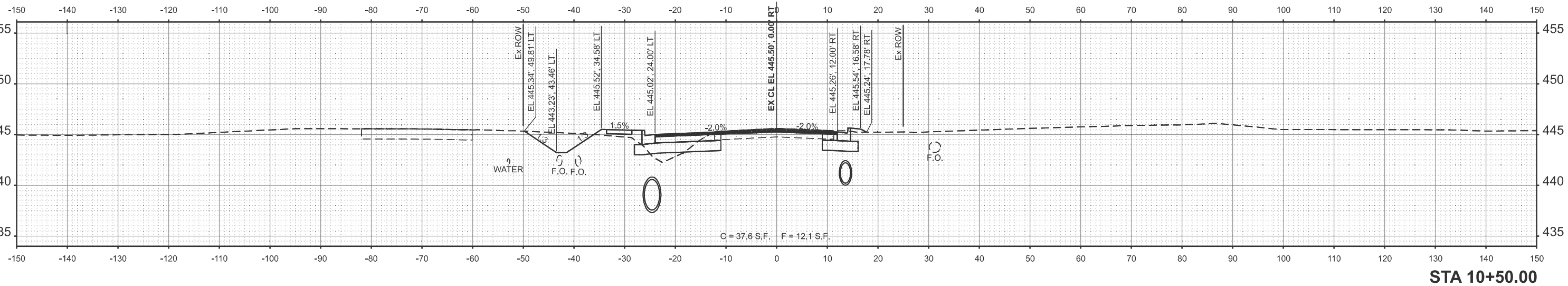
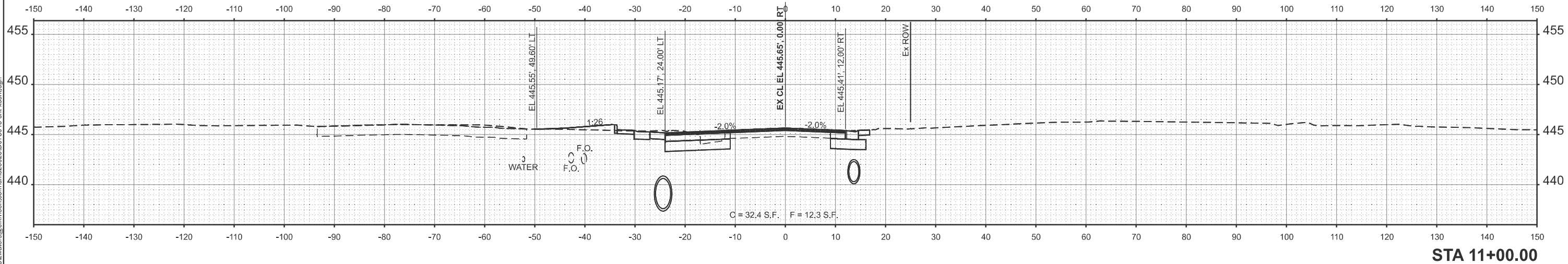
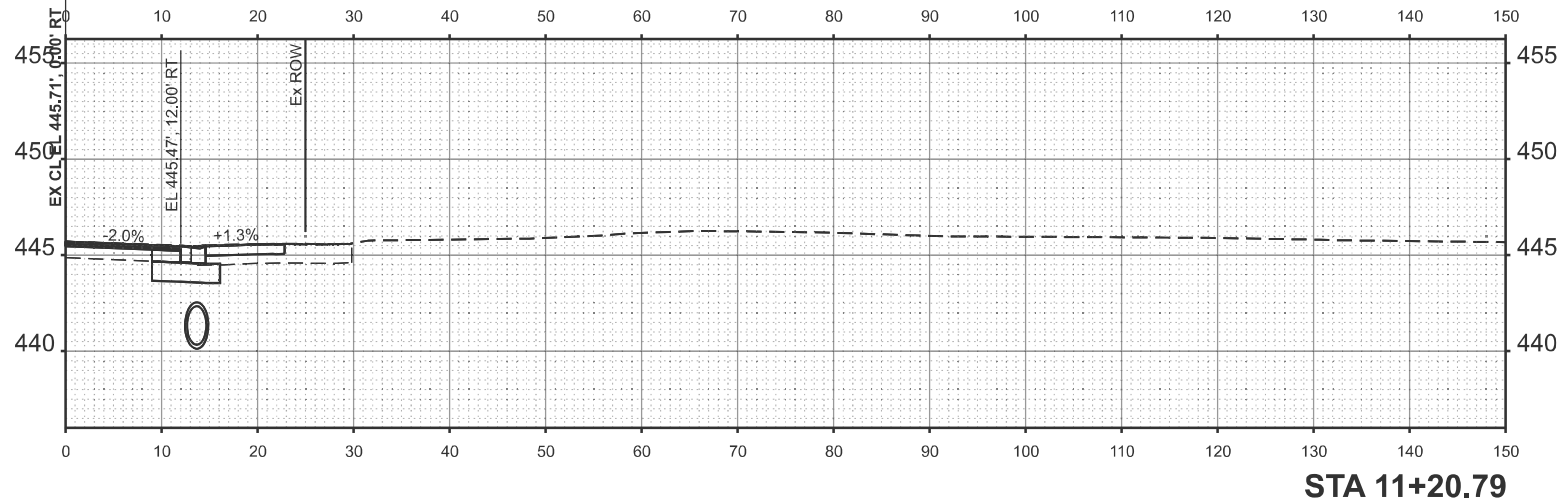
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 10 OF 17 SHEETS STA. 9+50.00 TO STA. 10+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	87
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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Civil Engineering Design

USER NAME = ZWaters

DESIGNED - A.E.H.

REVISED -

DRAWN - Z.J.W.

REVIS

REVISED -

CHECKED - S.L.D.

REVIS

REVISED -

PLOT DATE = 4/7/2025

DATE - 3/19/2025

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V

SHEET 11

OF 17

SHEETS

STA. 10+50.00

TO STA. 11+20.79

F.A.P.

RTE.

853

SECTION

(5,6,7) RS-3

COUNTY

FRANKLIN

TOTAL

SHEETS

94

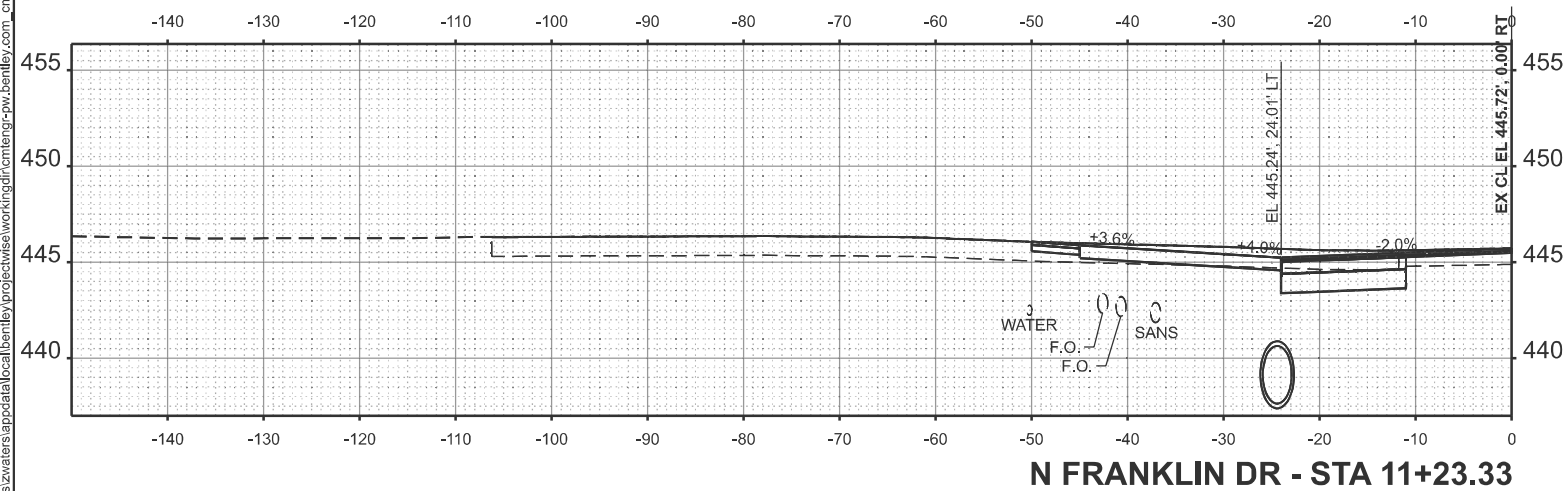
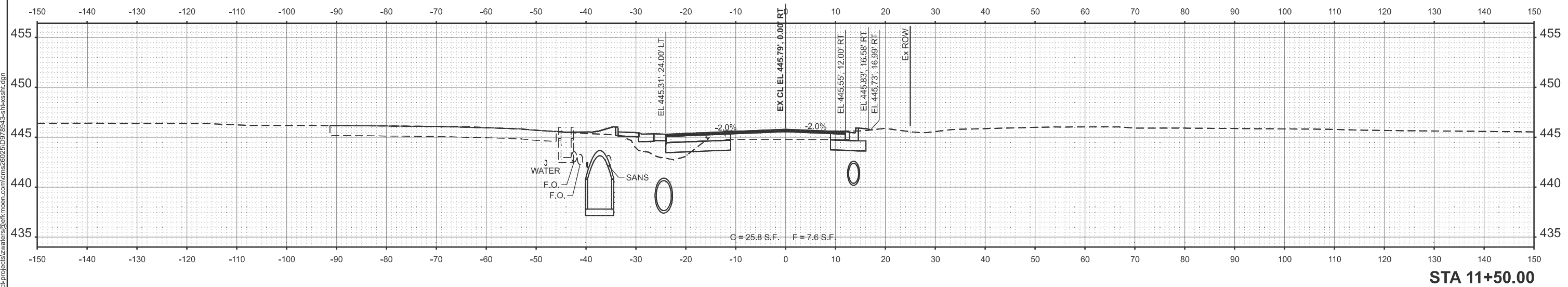
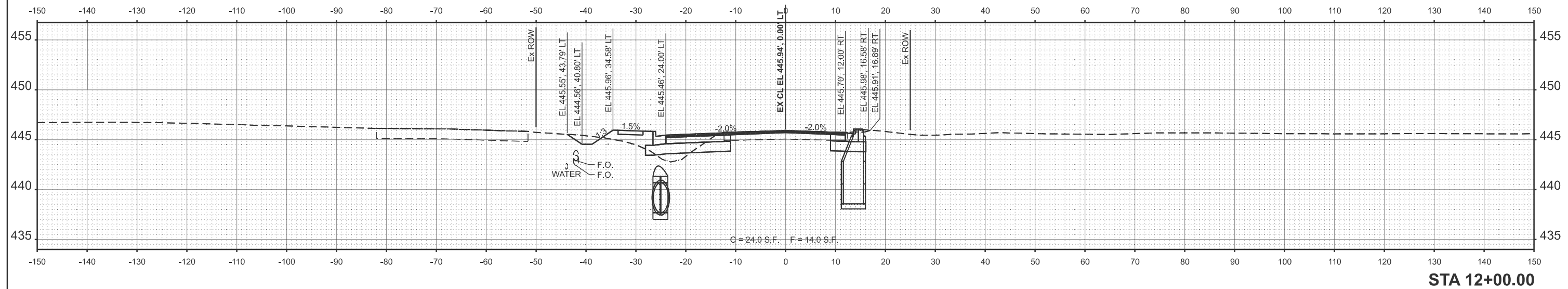
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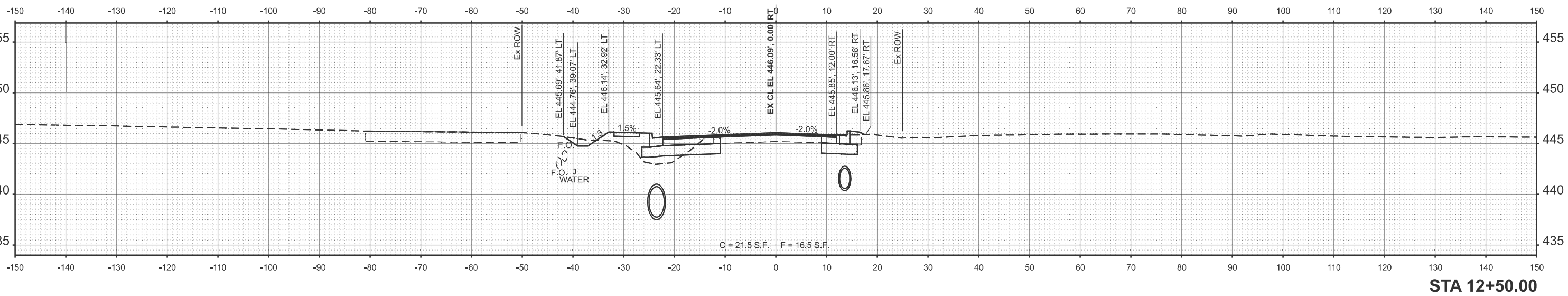
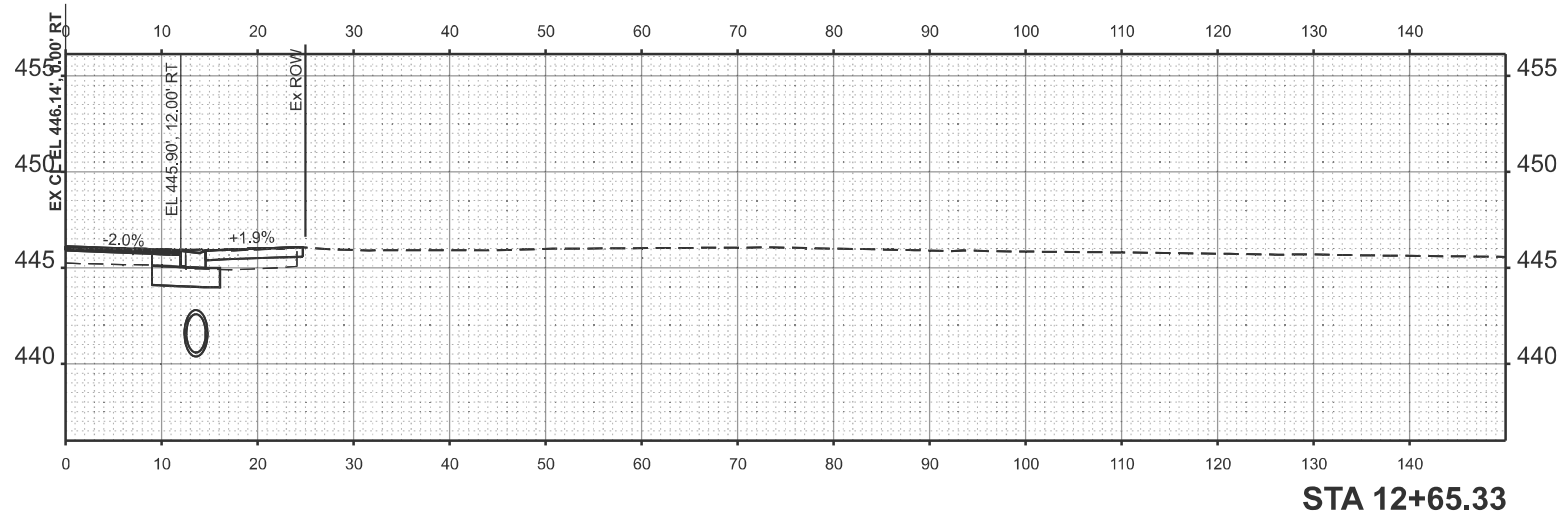
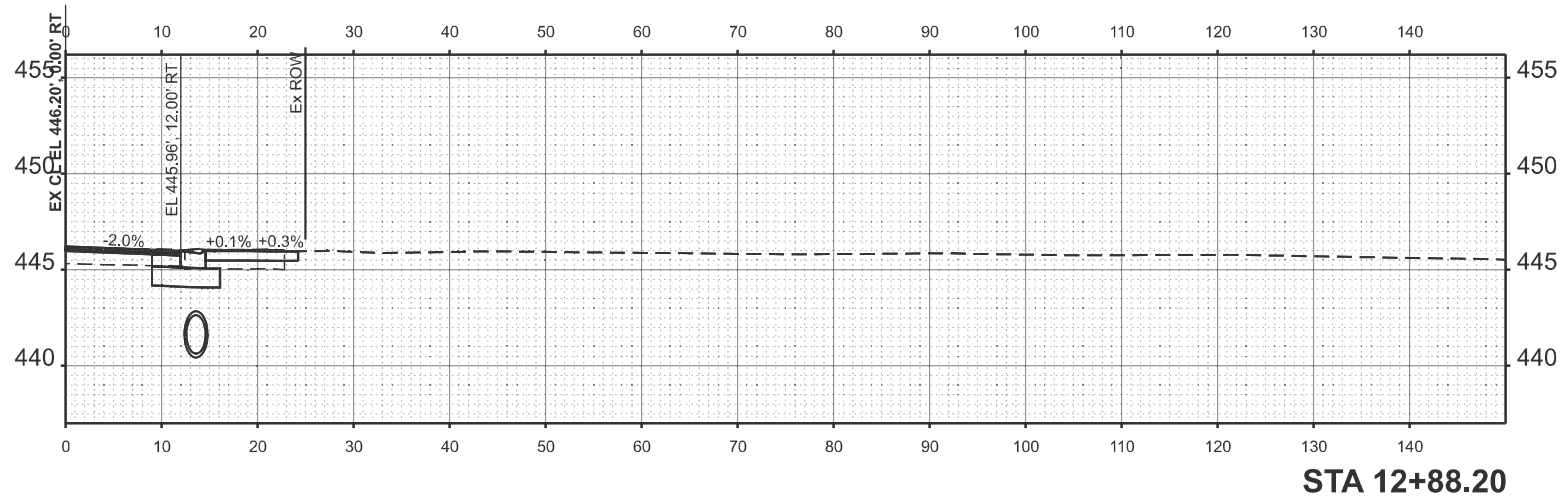
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CONTRACT NO. 78943

ILLINOIS FED. AID PROJECT



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Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
	DATE - 3/19/2025	REVISED -

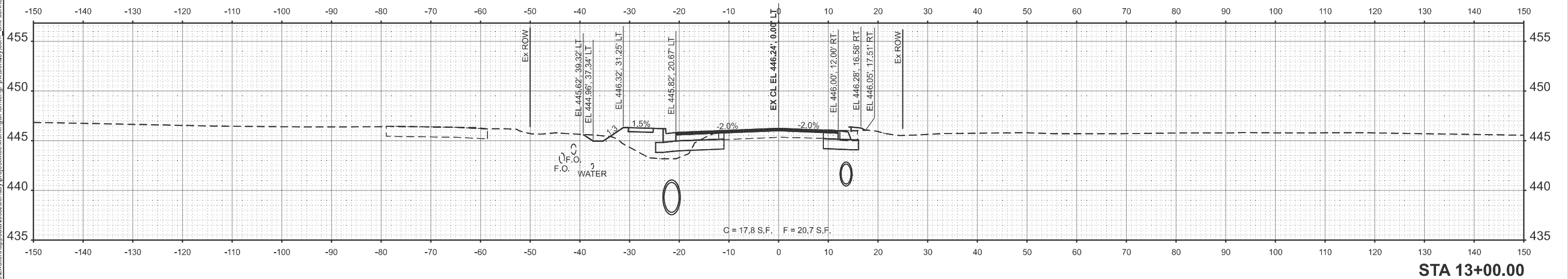
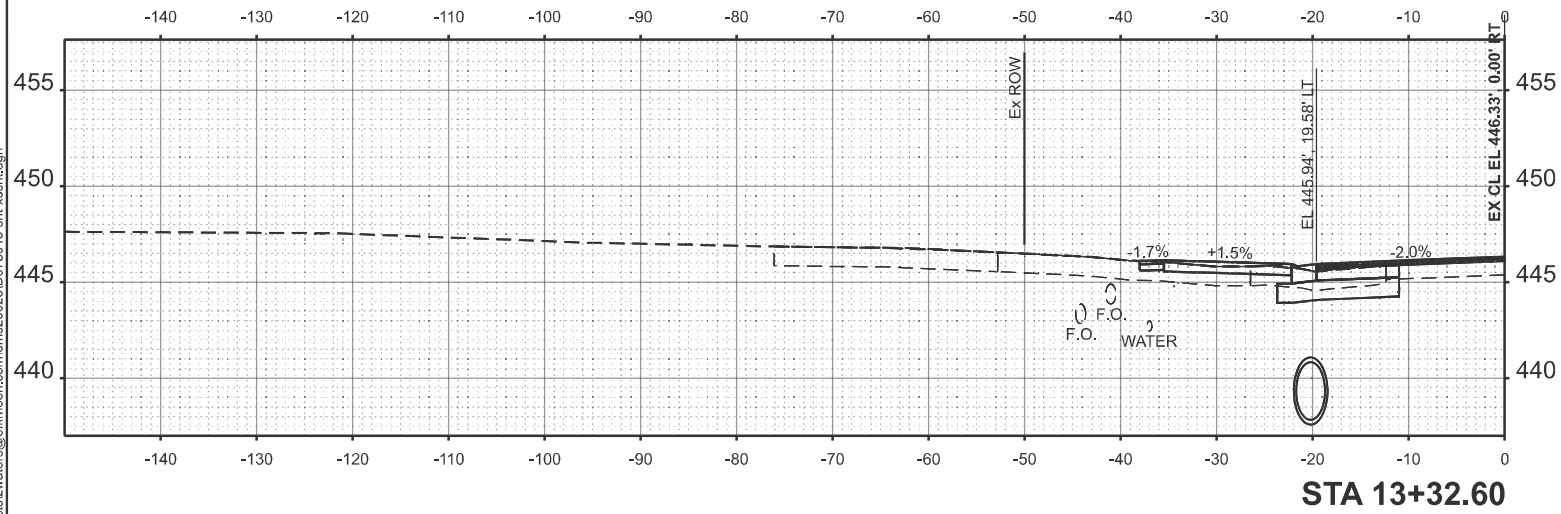
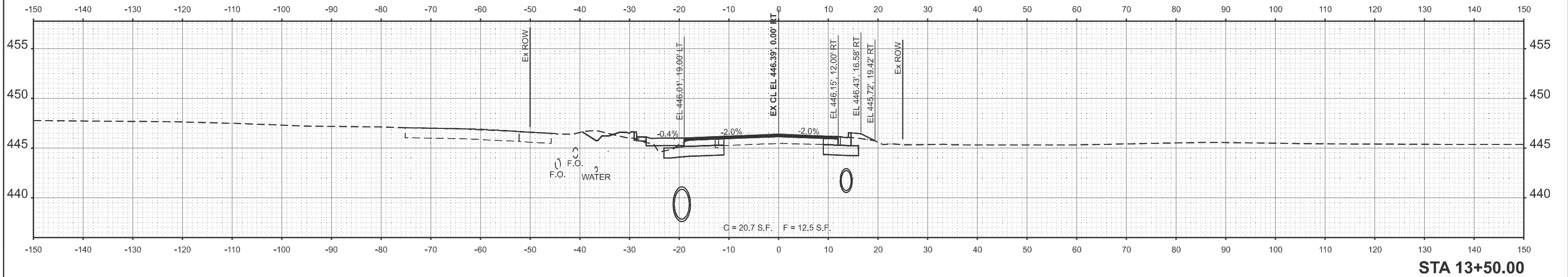
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 13 OF 17 SHEETS STA. 12+50.00 TO STA. 12+88.20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	90
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

MODEL: IL14 - 14 [Sheet]
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Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/7/2025	DATE - 3/19/2025	REVISED -

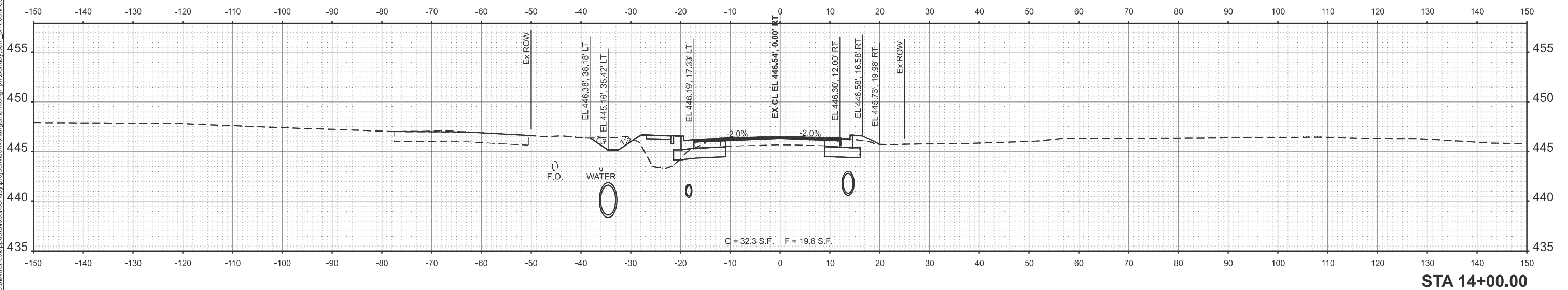
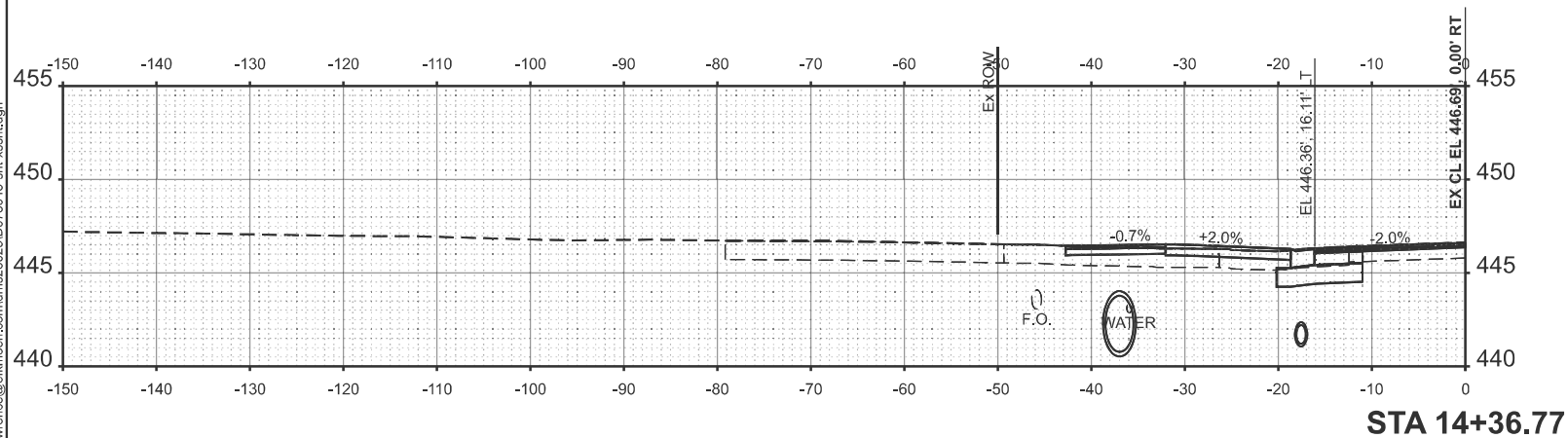
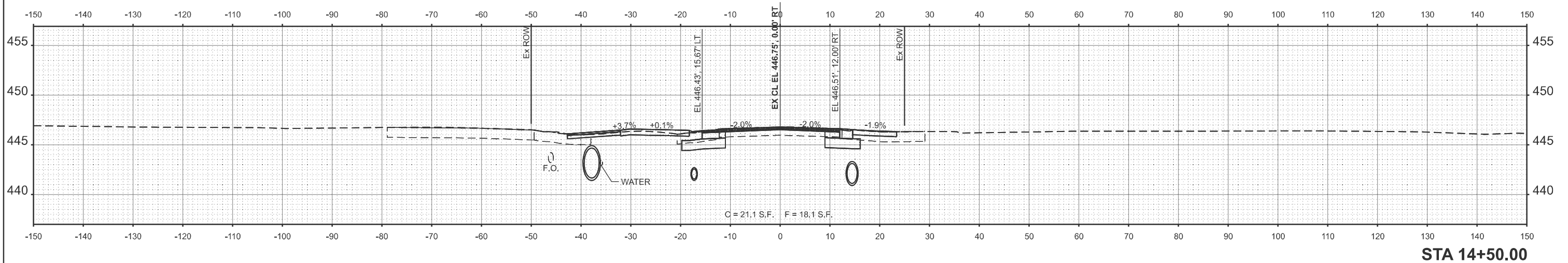
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H=5'V SHEET 14 OF 17 SHEETS STA. 13+00.00 TO STA. 13+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	91
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

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Civil Engineering Design

USER NAME = alawrence	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
PLOT DATE = 4/8/2025	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 15 OF 17 SHEETS STA. 14+00.00 TO STA. 14+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	92
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				

MODEL: IL14-16 [Sheet]
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Civil Engineering Design

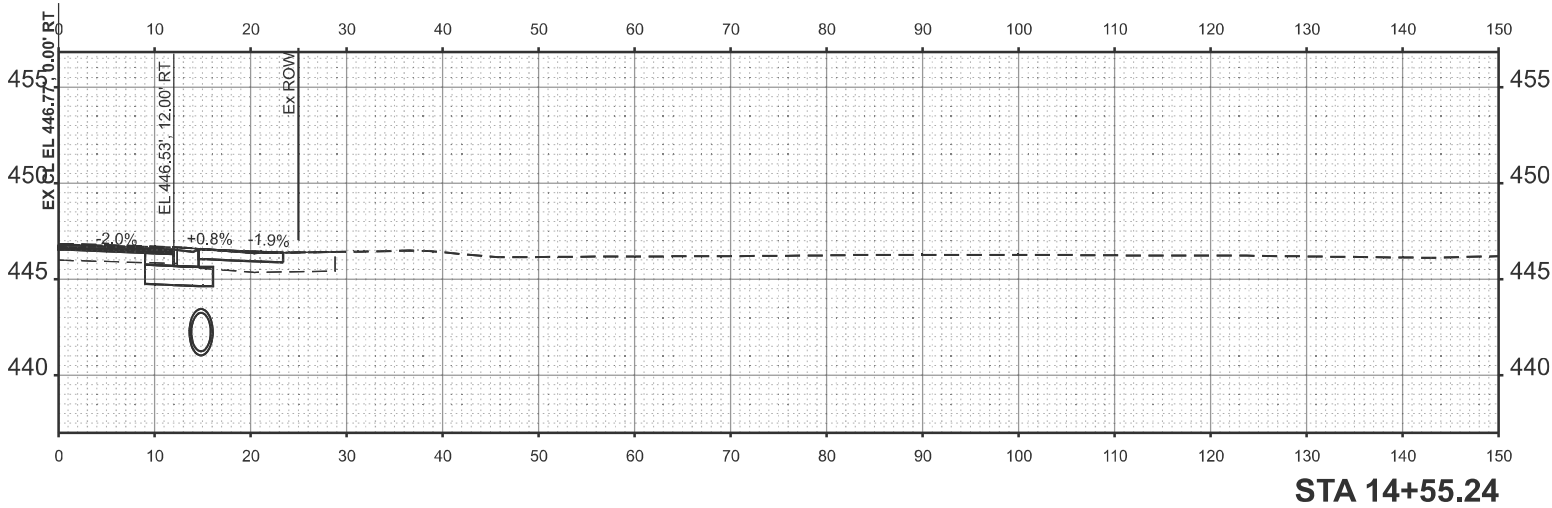
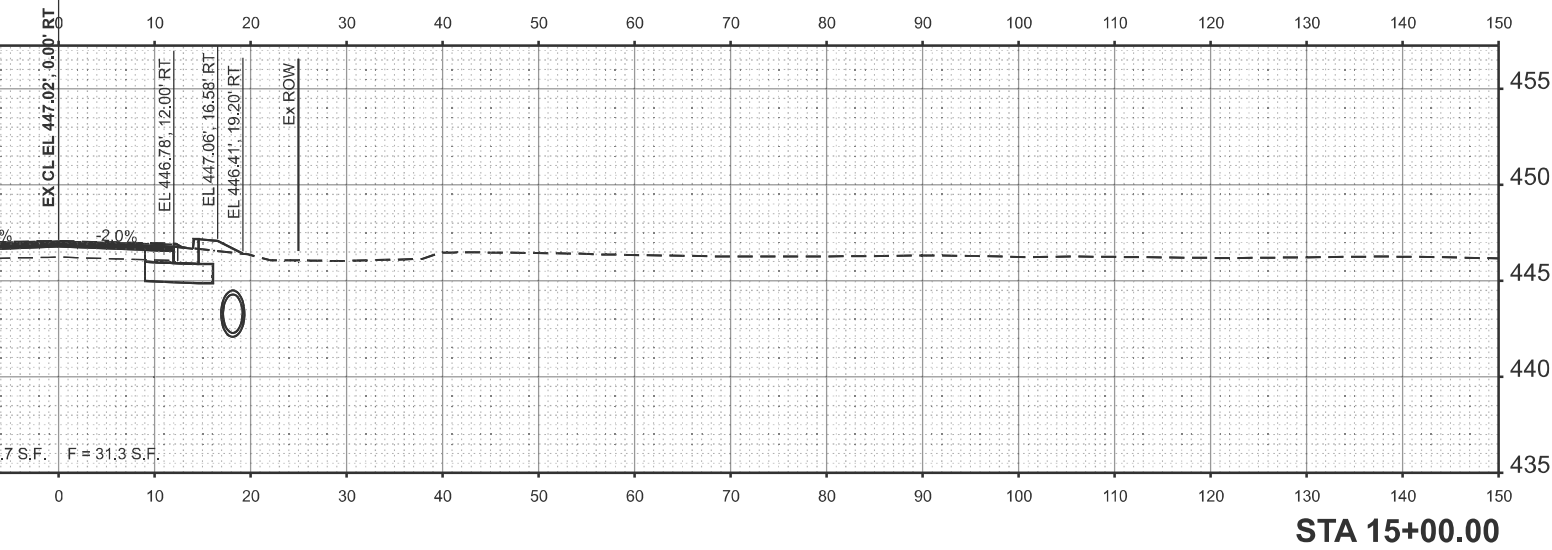
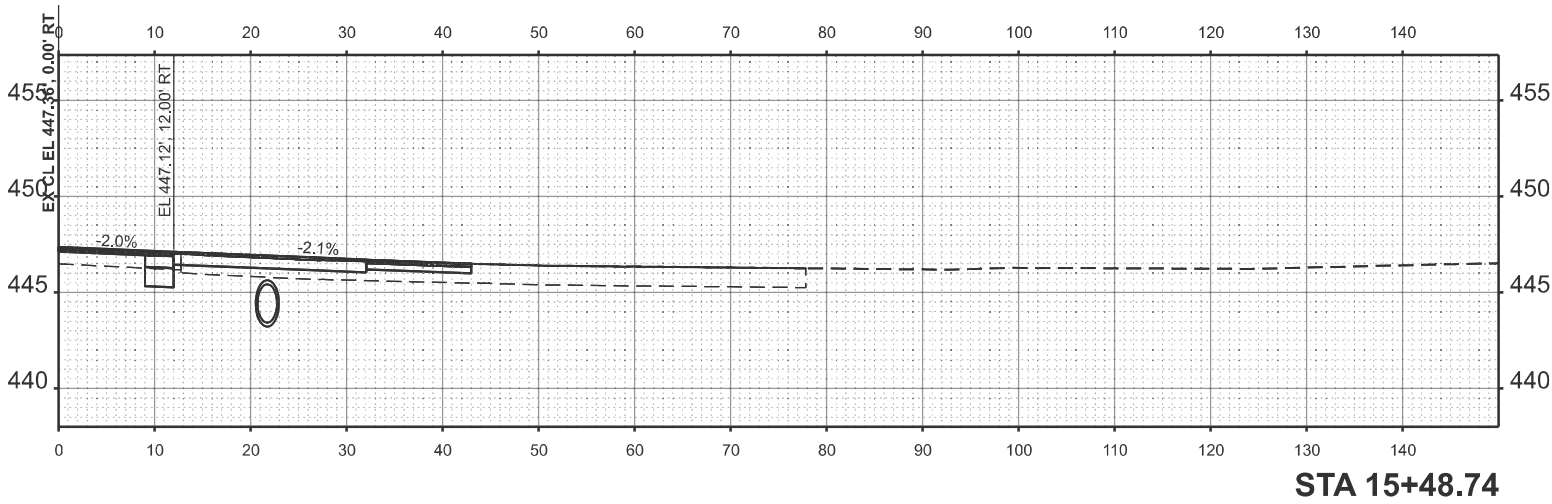
USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

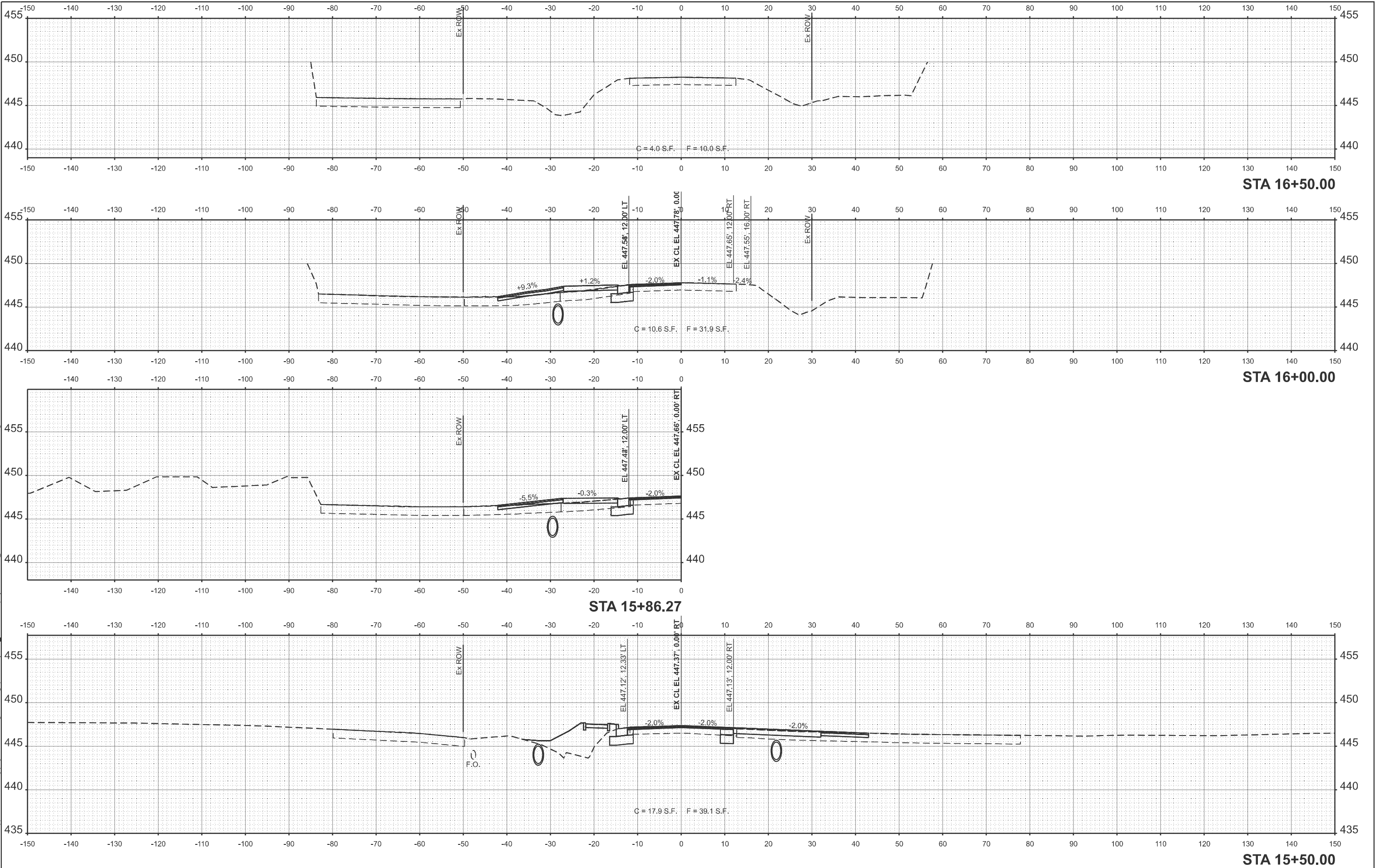
F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H:5'V SHEET 16 OF 17 SHEETS STA. 14+55.24 TO STA. 15+48.74

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	93
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				



MODEL: IL14-17 [Sheet]
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Civil Engineering Design

USER NAME = ZWaters	DESIGNED - A.E.H.	REVISED -
	DRAWN - Z.J.W.	REVISED -
	CHECKED - S.L.D.	REVISED -
	DATE - 3/19/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 853 (ILLINOIS ROUTE 14)
CROSS SECTIONS

SCALE: 10'H=5'V SHEET 17 OF 17 SHEETS STA. 15+50.00 TO STA. 16+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	(5,6,7) RS-3	FRANKLIN	94	94
CONTRACT NO. 78943				
ILLINOIS FED. AID PROJECT				