

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	1
		ILLINOIS	CONTRACT NO. 78927	

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-6

PROPOSED HIGHWAY PLANS

FAP 845 (IL ROUTE 154)
SECTION 112RS-6
PROJECT STP-I293(461)
RESURFACING /ADA RAMP
FRANKLIN COUNTY

C-99-033-22

TRAFFIC DATA
3,200(2021) WITH 15% TRUCKS

TOWNSHIPS
SESSER

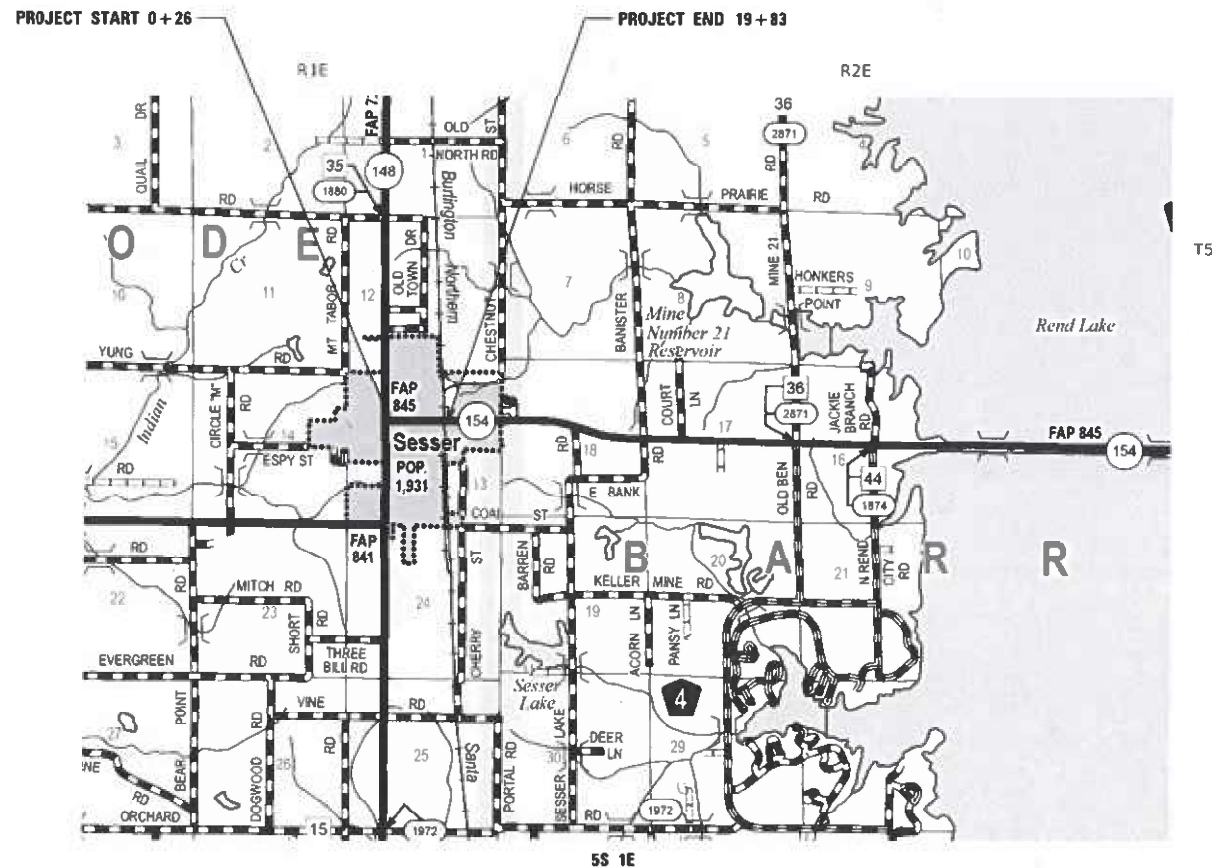
COORDINATE SYSTEM : ESPG 102671
NAD 1983 STATEPLANE
ILLINOIS EAST FIPS 1201 FEET

POSTED SPEED : 30 MPH

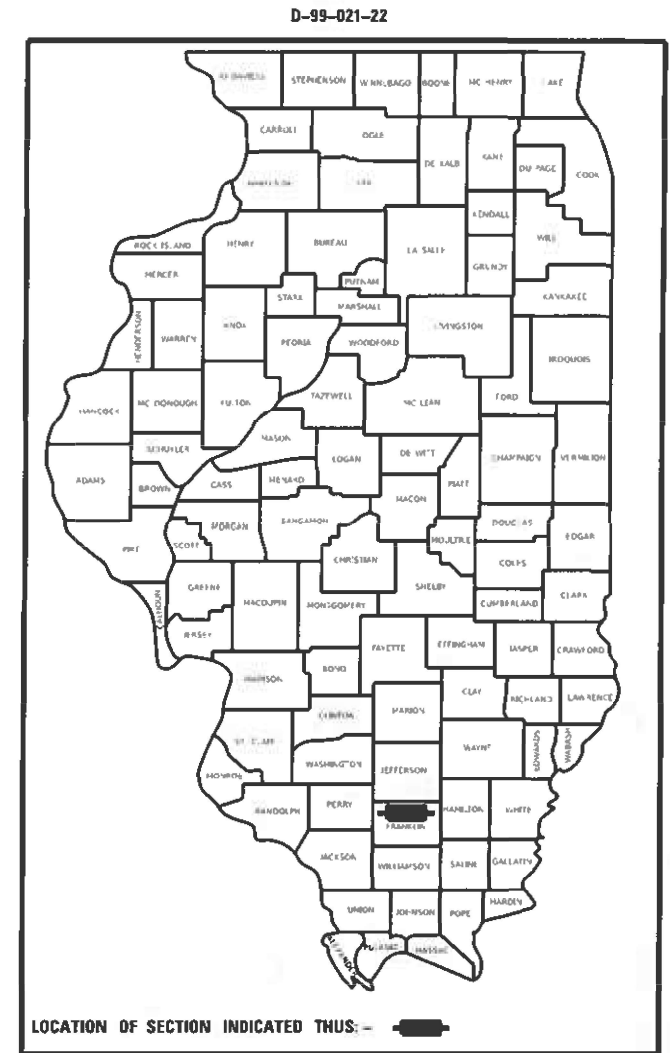
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SEAN GREENLEE
PROJECT DESIGNER: TRISTEN REID

CONTRACT NO. 78927



GROSS LENGTH = 1983 FT. = 0.38 MILES
NET LENGTH = 1983 FT. = 0.38 MILES



LOCATION OF SECTION INDICATED THUS: - [shaded rectangle]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 6 2024
Kirk H. Brown
REGION FIVE ENGINEER

June 28, 2024 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 28, 2024 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: Signature Sheet
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Prepared By: Susan Poe
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Tew
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: Con Nelson
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]
 DISTRICT OPERATIONS ENGINEER

Examined By: Darryl Merrill
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Darryl Merrill
 DISTRICT CONSTRUCTION ENGINEER

Examined By: Aaron Hays
 DISTRICT MATERIALS ENGINEER

USER NAME = tristen.reid PLOT SCALE = 0.16666633 / in PLOT DATE = 4/18/2024	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURE SHEET SCALE: SHEET 2 OF 24 SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>845</td> <td>112RS-6</td> <td>FRANKLIN</td> <td>24</td> <td>2</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 78927</td> </tr> <tr> <td colspan="5" style="text-align: right;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	845	112RS-6	FRANKLIN	24	2	CONTRACT NO. 78927					ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																					
845	112RS-6	FRANKLIN	24	2																					
CONTRACT NO. 78927																									
ILLINOIS FED. AID PROJECT																									

GENERAL NOTES

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

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

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

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

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF SESSER.

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER, IF NOT SLIPFORMED AS PER ARTICLE 606.05, SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

COMMITMENTS: NONE

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX, HIGHWAY STANDARDS, GENERAL NOTES
4	MIX DESIGN
5-7	SUMMARY OF QUANTITIES
8-9	TYPICALS
10-13	SCHEDULES
14-18	ADA RAMPS PLANS
19-22	PAVEMENT MARKING SHEETS
23	DETAILS: BUTT JOINT, UNEVEN LANES, TEMP. HMA TRANSITIONS, ROUGH GROOVED SURFACE
24	DETAILS: HELMETED BICYCLIST SYMBOL, SHORT TERM PAVEMENT MARKINGS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 442201-03 CLASS C & D PATCHES
- 606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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									845	112RS-6	FRANKLIN	24	3
					SCALING SCALE	SHEET 3	OF 24	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 78927		

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Location(s):	Hot-Mix Asphalt Surface Course and Parking Lane
Mixture Use(s):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-9.5mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	3000 Tons
Material Transfer Device (Required?)	Mainline: YES Parking Lane: No

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	HOT-MIX ASPHALT BINDER COURSE, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	3000 Tons
Material Transfer Device (Required?)	YES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MIX DESIGN

SCALE: 1"=50' SHEET 4 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	4
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	FRANKLIN CO	FRANKLIN CO
ROUTE:	IL 154	IL 154
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% LOCAL
LOCATION:	RURAL	RURAL
	ROADWAY	PARKING LANES
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	PARKING LANES
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,969	5,540	429
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5,209	5,209	
40600990	TEMPORARY RAMP	SQ YD	44	44	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,038	1,038	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	854	693	161
42001300	PROTECTIVE COAT	SQ YD	22	22	
42400800	DETECTABLE WARNINGS	SQ FT	236	236	
44000100	PAVEMENT REMOVAL	SQ YD	13	13	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,895		1,895
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	8,202	8,202	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	140	140	
44000600	SIDEWALK REMOVAL	SQ FT	2,710	2,710	
44201385	CLASS C PATCHES, TYPE I, 13 INCH	SQ YD	24	24	
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	105	105	

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1" = 40' SHEET 5 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	5
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN CO	FRANKLIN CO
ROUTE:	IL 154	IL 154
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% LOCAL
LOCATION:	RURAL	RURAL
	ROADWAY	PARKING LANES
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	PARKING LANES 0005
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	16	16	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	93	93	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,841	3,841	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	860	860	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	159	97	62
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	6,725	3,769	2,956
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	1,168	1,168	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	930	930	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	37	37	
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	159	97	62
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6,725	3,769	2,956

* SPECIALTY ITEM

REV. - MS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES CONT.

SCALE: 1"=40' SHEET 6 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	6
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

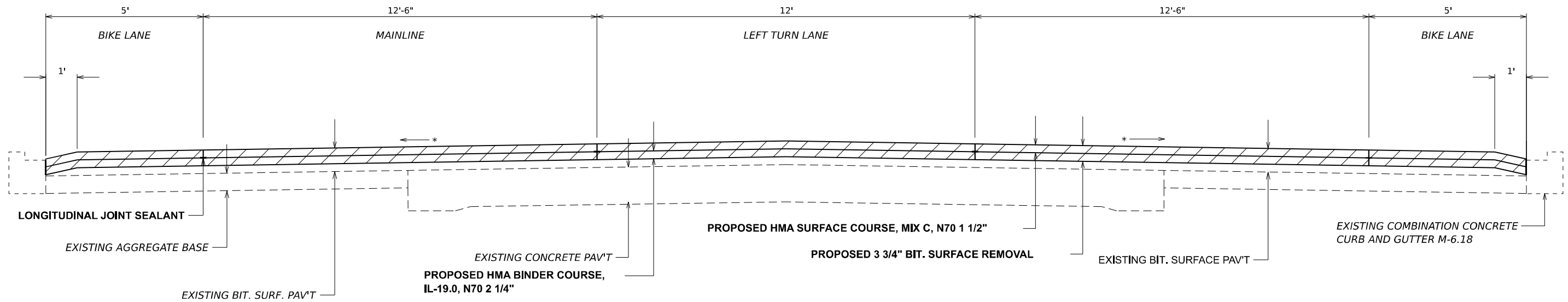
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	FRANKLIN CO	FRANKLIN CO
				ROUTE:	IL 154	IL 154
				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% LOCAL
				LOCATION:	RURAL	RURAL
					ROADWAY	PARKING LANES
					0005	0005
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	1,168		1,168	
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	930		930	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	37		37	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	57		57	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	57		57	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	3,820		3,820	
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	2,591		2,591	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1	
Z0034105	MATERIAL TRANSFER DEVICE	TON	1,731		1,731	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1	

* SPECIALTY ITEM

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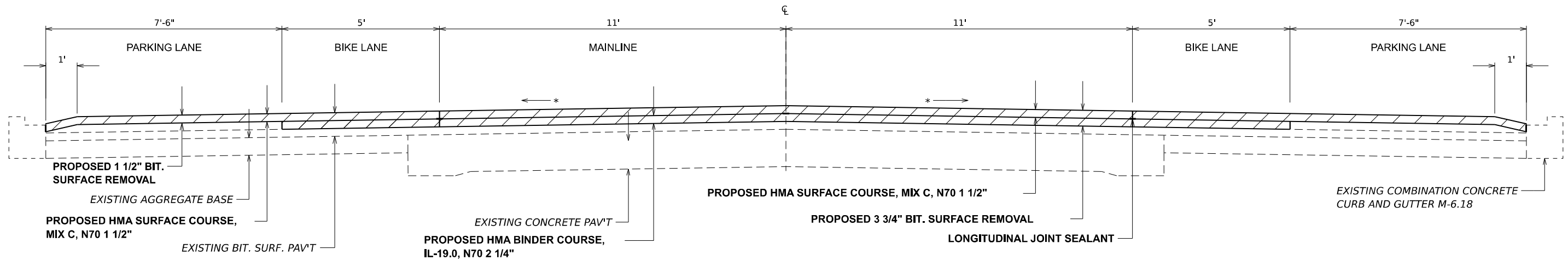
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FRANKLIN CO.
NOT TO SCALE



TO BE USED
STA. 0+26 TO STA. 5+58

* MATCH EXISTING

TYPICAL SECTION
FAP 845 (ILL 154)
FRANKLIN CO.
NOT TO SCALE



TO BE USED
STA. 5+58 TO STA. 19+18

* MATCH EXISTING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

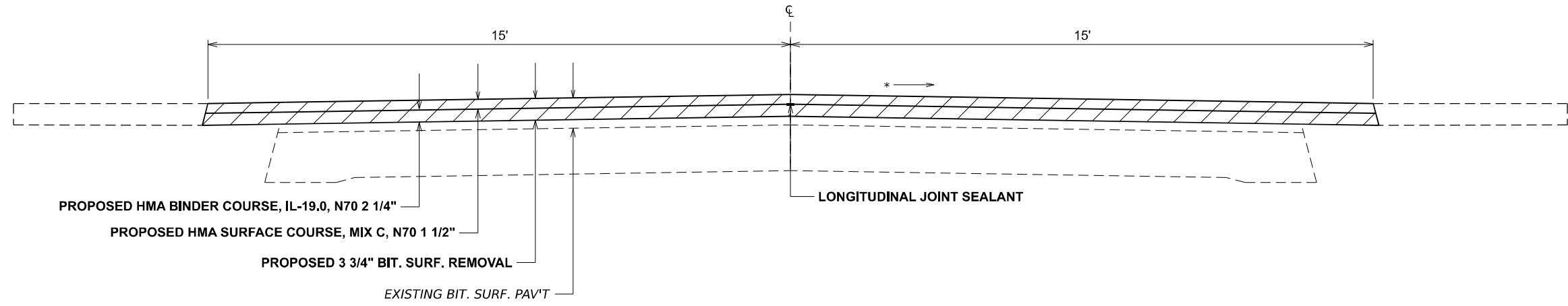
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845	112RS-6	FRANKLIN	24	8
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

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	DATE -	REVISED -

TYPICAL SECTION
 FAP 845 (ILL 154)
 FRANKLIN CO.
 NOT TO SCALE



TO BE USED
 STA. 19+18 TO STA. 19+83

* MATCH EXISTING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

SCALE: 1"=50' SHEET 9 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	9
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (MAINLINE INFO ONLY)	EXIST. PAVEMENT WIDTH (PARKING INFO ONLY)	TEMP. RAMP	HMA SURFACE COURSE MIX C, N70 (1.5")	HMA BINDER COURSE IL-19.0, N70 (2.25")	HMA SURFACE REMOVAL (1 1/2")	HMA SURFACE REMOVAL (3 3/4")	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
ROADWAY	FOOT	FOOT		SQ YD	TON	TON	SQ YD	SQ YD	FOOT	POUND	
STA 0+26 TO STA 5+58	532	47		27	234	351		2778	1064	1876	MAINLINE
STA 5+58 TO STA 19+18	1360	32			407	610		4836	4080	3264	MAINLINE
STA 5+58 TO STA 7+75	217		15		31		362			82	PARKING LANE
STA 7+75 TO STA 8+35	60	15			9	13		100		68	LOCUST ST.
STA 8+35 TO STA 11+35	300		15		42		500			113	PARKING LANE
STA 11+35 TO STA 11+90	55	15			8	12		92		62	BROADWAY ST.
STA 11+90 TO STA 15+00	310		15		44		517			117	PARKING LANE
STA 15+00 TO STA 15+50	50	15			7	11		83		57	WALNUT ST.
STA 15+50 TO STA 18+60	310		15		44		517			117	PARKING LANE
STA 18+60 TO STA 19+18	58	15			9	13		97		66	COCKRUM ST.
STA 19+18 TO STA 19+83	65	30		17	19	28		217	65	147	MAINLINE
TOTALS				44	854	1038	1895	8202	5209	5969	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT SCHEDULE

SCALE: SHEET 10 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	10
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

SIDEWALK SCHEDULE

LOCATION	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 5" (SPECIAL)	DETECTABLE WARNINGS	COMB. CURB & GUTTER REMOVAL	COMB. CONC. CURB & GUTTER TYPE B-6.18	PAVEMENT REMOVAL	PROTECTIVE COAT	COMMENTS
IL 154	SQ FT	SQ FT	SQ FT	FOOT	FOOT	SQ YD	SQ YD	
Elm St.								
NF Quad	192	147	20	11	11		3	
NW Quad	207	225	36	21				RELOCATE STREET SIGN
SE Quad	354	308	25	21	6		1	
SW Quad	156	151	24	10	10		2	
Locust St.								
NE Quad	252	245	40	6		4		
SE Quad	300	273	33	10				
Broadway St.								
NE Quad	420	432	21	30	30	6	7	
NW Quad	50	45	10	6	6		1	RELOCATE TRASH CAN AND STREET SIGN
SW Quad	484	472	17	25	25	3	6	
Walnut St.								
NW Quad	295	293	10		5		1	RELOCATE STREET SIGN
TOTALS	2710	2591	236	140	93	13	22	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

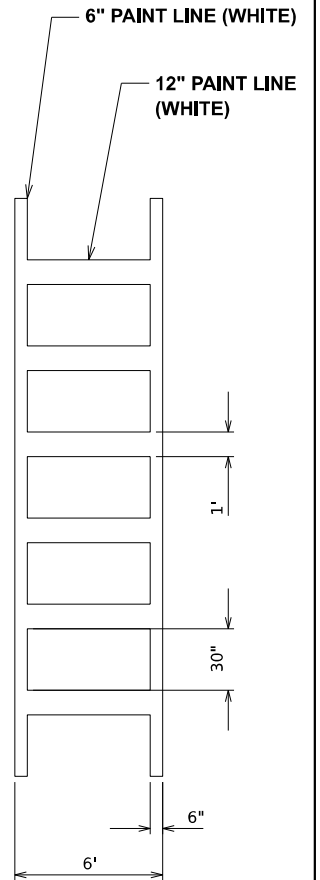
SIDEWALK SCHEDULE

SCALE: NO SCALE SHEET 11 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	11
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH (INFO ONLY) FOOT	PAINT PAVEMENT MARKING						LETTERS AND SYMBOLS SQ FOOT	RAISED REFLECTIVE PAVEMENT MARKER EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	COMMENTS
		LINE - 4" WHITE	LINE - 4" YELLOW		LINE - 6" WHITE	LINE - 12" WHITE	LINE - 24" WHITE				
		SOLID	SOLID	CENTER- DASH	SOLID	SOLID	SOLID				
IL 154											
STA. 0+00 TO STA. 0+39							26	45			CROSSWALK ACROSS 148
STA. 0+43 TO STA. 0+49	6							26			STOPBAR
STA. 0+45 TO STA. 1+74	129	129	258					11			
STA. 0+54 TO STA. 2+62	208								5	5	
STA. 1+74 TO STA. 2+62	88	176	176								
STA. 1+83									5		EB BIKE SYMBOL
STA. 2+62 TO STA. 5+63	301								16	16	
STA. 2+62 TO STA. 4+18	156	312	624								
STA. 2+26								36			LEFT TURN ONLY
STA. 4+00								9			EB/WB BIKE SYMBOL
STA. 4+18 TO STA. 4+80	62		248				328	270			ELM CROSSWALKS
STA. 4+80 TO STA. 5+63	83	178	332								
STA. 5+63 TO STA. 6+60	97	228	194								
STA. 5+63 TO STA. 19+83	1420								36	36	
STA. 6+60 TO STA. 7+77	117	266		12							
STA. 6+68									9		EB/WB BIKE SYMBOL
STA. 7+77 TO STA. 8+39	62			6	242	175					LOCUST CROSSWALKS
STA. 8+39 TO STA. 9+98	159	380		16							
STA. 9+36									9		EB/WB BIKE SYMBOL
STA. 9+98 TO STA. 11+40	142	352	142	14							
STA. 11+40 TO STA. 11+97	57		57	6	336	260					BROADWAY CROSSWALKS
STA. 11+97 TO STA. 15+00	303	742	303	30							
STA. 12+10									9		EB/WB BIKE SYMBOL
STA. 14+77									9		EB/WB BIKE SYMBOL
STA. 15+00 TO STA. 15+74	74		74	7	236	180					WALNUT CROSSWALK
STA. 15+74 TO STA. 17+84	210	522	210	21							
STA. 17+45									9		EB/WB BIKE SYMBOL
STA. 17+84 TO STA. 18+58	74	164	148								
STA. 17+86									61		RAILROAD
STA. 18+58 TO STA. 19+09	51		102								
STA. 19+09 TO STA. 19+83	74	148	148								
TOTALS			6725		1168	930	37	159	57	57	



MODEL: PAVEMENT MARKING SCHEDULE
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PLOT DATE = 5/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: SHEET 12 OF 24 SHEETS STA. TO STA.

F.A.P. RTE. 845	SECTION 112RS-6	COUNTY FRANKLIN	TOTAL SHEETS 24	SHEET NO. 12
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

IL 154 PATCHING

LOCATION STATION TO STATION		LENGTH	WIDTH	AREA	TOTAL AREA	CLASS C	CLASS C	CLASS C
						PATCHES, TY I, 13 INCH	PATCHES, TY II, 13 INCH	PATCHES, TY III, 13 INCH
		FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
PATCH #	ROADWAY							
1	STA 18+30 WB	6	6	4.00	4.00	4		
2	STA 18+17 WB	16	12	21.33	21.33			
3	STA 12+16 WB	4	12.5	5.56	5.56		6	
4	STA 12+00 WB	6	12.5	8.33	8.33		9	
5	STA 11+86 WB	5	12.5	6.94	6.94		7	
6	STA 10+64 WB	4	12.5	5.56	5.56		6	
7	STA 7+59 WB	4	12.5	5.56	5.56		6	
8	STA 6+68 WB	12	12	16.00	16.00			16
9	STA 5+28 WB	6	6	4.00	4.00	4		
10	STA 4+98 WB	4	12	5.33	5.33		6	
11	STA 1+63 WB	6	6	4.00	4.00	4		
12	STA 1+63 CLTL	6	12	8	8		8	
13	STA 1+78 EB	6	6	4.00	4.00	4		
14	STA 4+70 EB	6	6	4.00	4.00	4		
15	STA 4+98 EB	4	12	5.33	5.33			
16	STA 7+69 EB	4	12	5.33	5.33		6	
17	STA 10+13 EB	4	13	5.78	5.78		6	
18	STA 10+73 EB	4	13	5.78	5.78		6	
19	STA 11+56 EB	8	13	11.56	11.56		12	
20	STA 12+00 EB	6	13	8.67	8.67		9	
21	STA 12+16 EB	6	13	8.67	8.67		9	
22	STA 13+75 EB	12	6.5	8.67	8.67		9	
23	STA 11+46 EB PRK LN	6	6	4	4	4		
TOTALS						24	105	16

MODEL: Patching
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PLOT DATE = 5/7/2024	DATE -	REVISED -

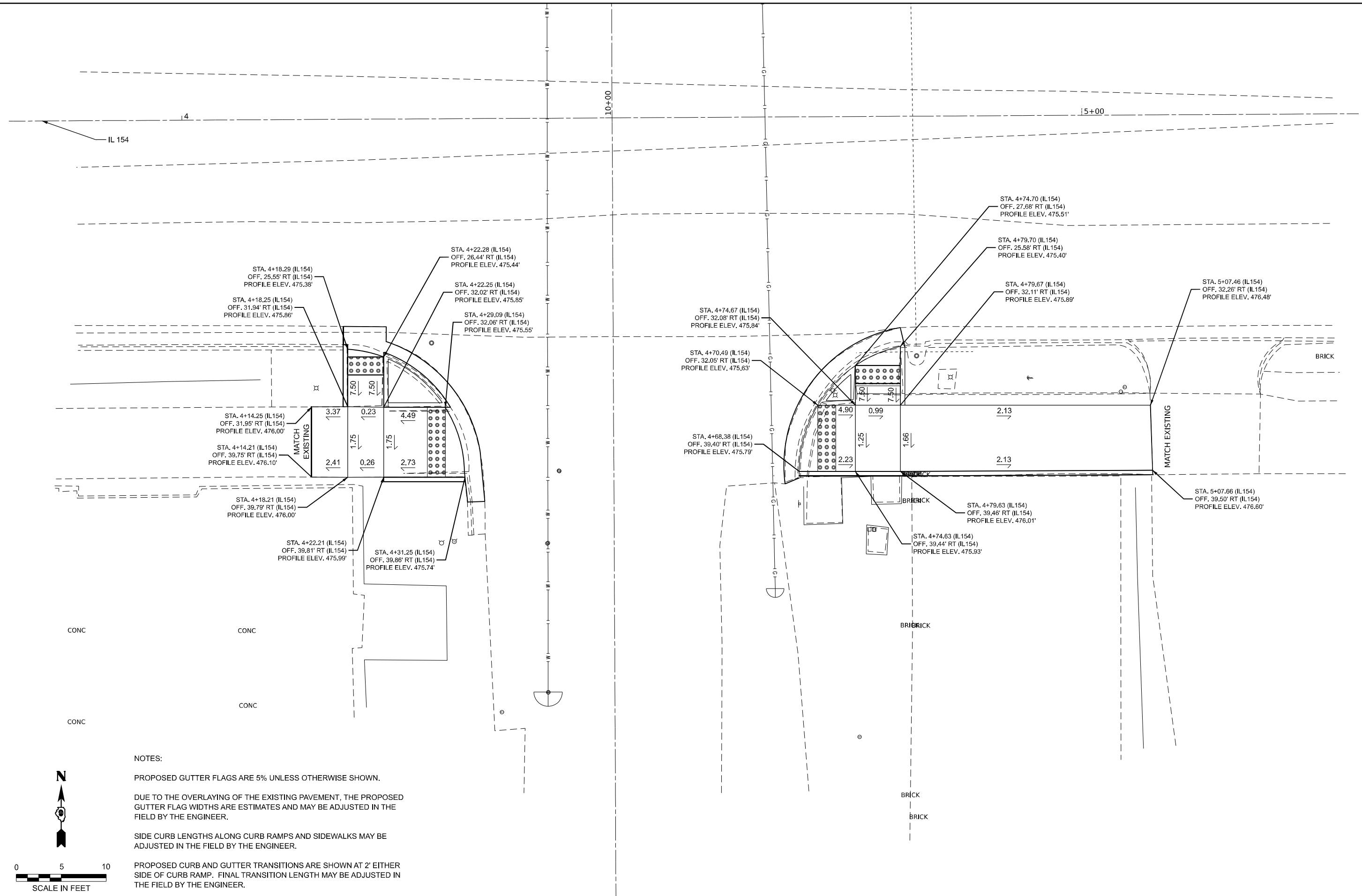
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULE

SCALE: SHEET 13 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	13
CONTRACT NO. 78927				
ILLINOIS		FED. AID PROJECT		

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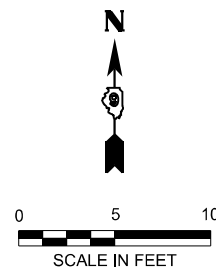
NOTES:

PROPOSED GUTTER FLAGS ARE 5% UNLESS OTHERWISE SHOWN.

DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.



USER NAME = tristen_reid	DESIGNED -	REVISED -
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PLOT DATE = 5/7/2024	CHECKED -	REVISED -
	DATE -	REVISED -

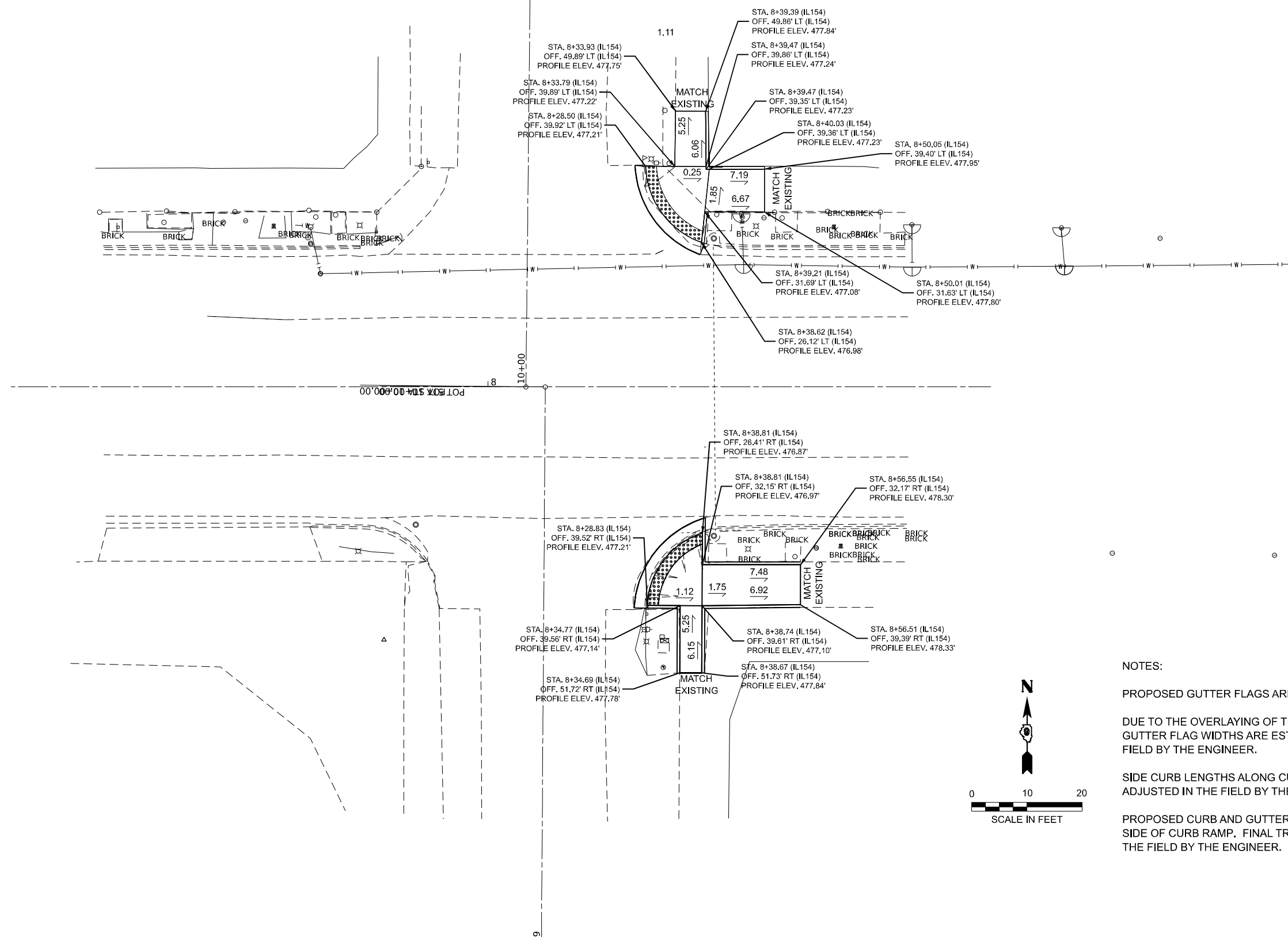
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

S. ELM ADA RAMPS

SCALE: 1"=5' SHEET 14 OF 24 SHEETS STA. TO STA.

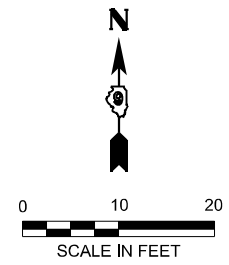
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CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

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NOTES:

- PROPOSED GUTTER FLAGS ARE 5% UNLESS OTHERWISE SHOWN.
- DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
- SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
- PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.



USER NAME = tristen.reid	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 4/22/2024	DATE -	REVISED -

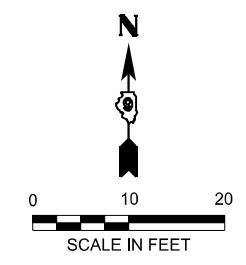
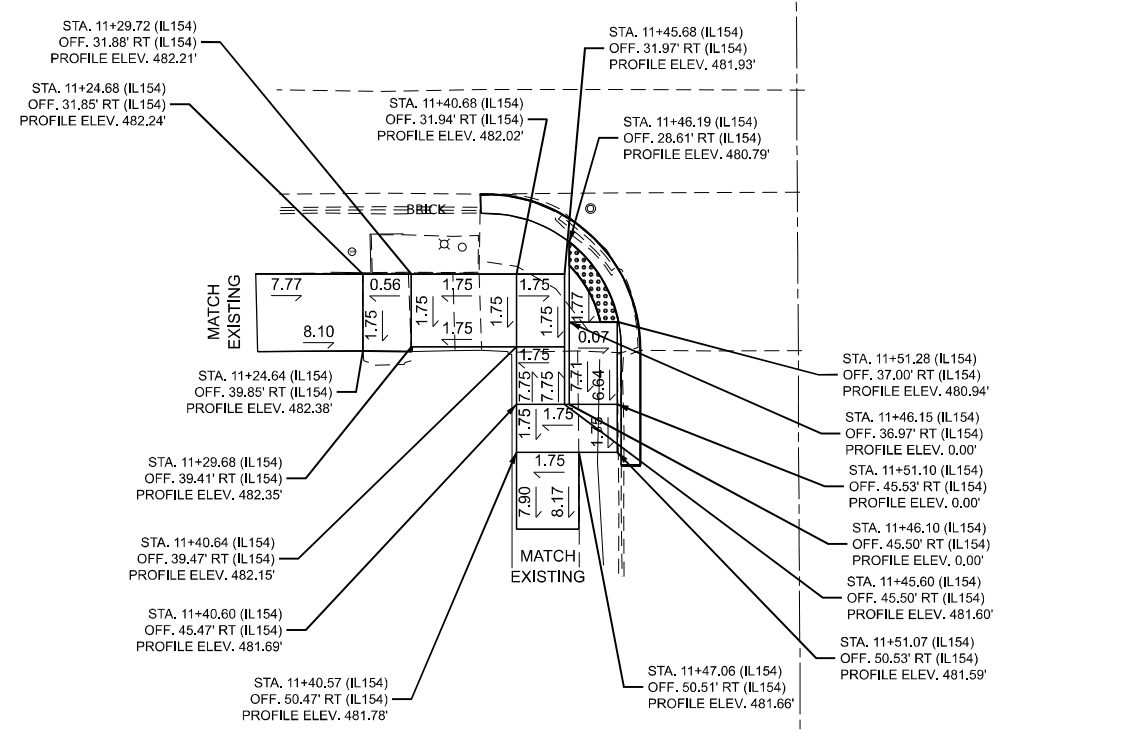
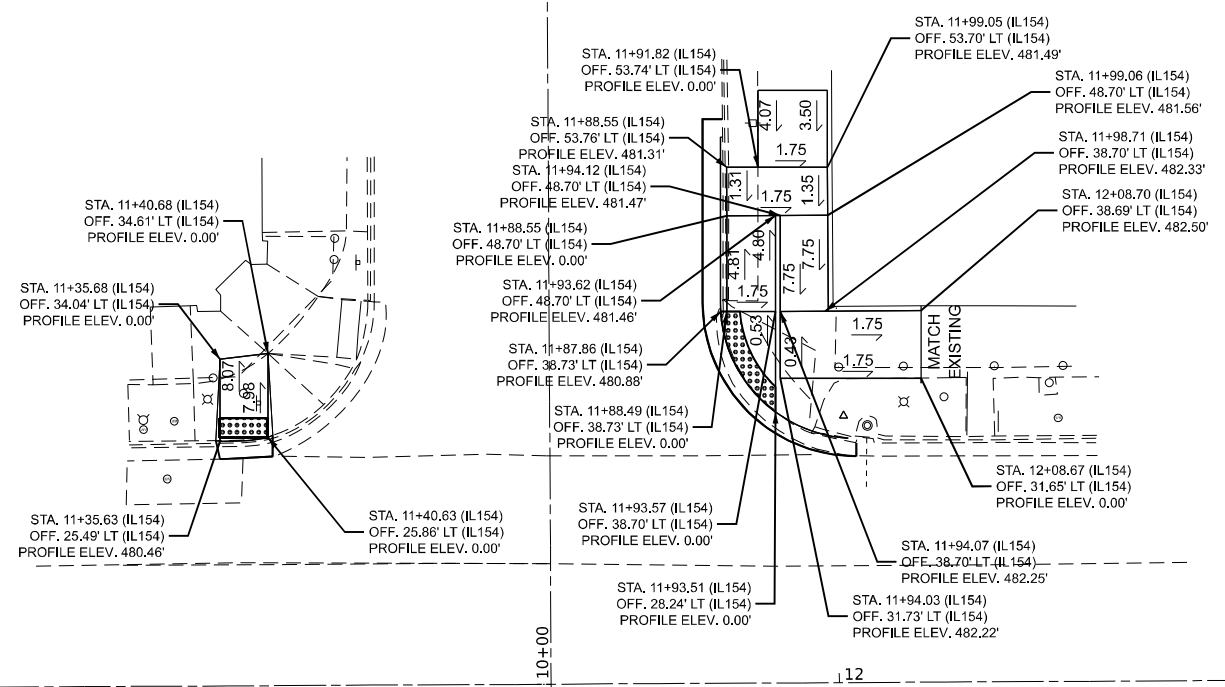
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCUST ST. ADA RAMPS

SCALE: 1"=10' SHEET 17 OF 24 SHEETS STA. 7+13.73 TO STA. 10+13.73

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	25	16
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

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NOTES:

PROPOSED GUTTER FLAGS ARE 5% UNLESS OTHERWISE SHOWN.

DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

USER NAME = tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 4/22/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BROADWAY ST. ADA RAMPS

SCALE: 1"=10' SHEET 18 OF 24 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	25	17
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

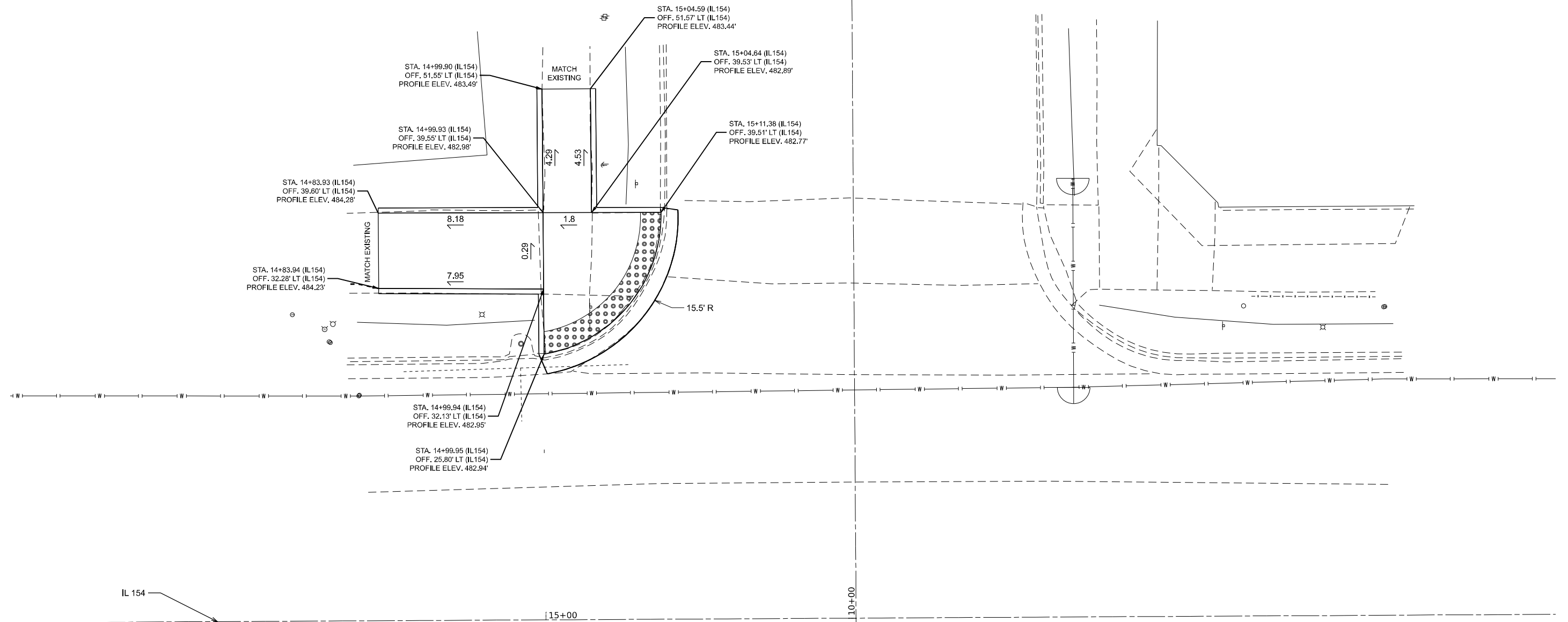
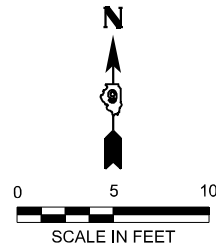
NOTES:

PROPOSED GUTTER FLAGS ARE 5% UNLESS OTHERWISE SHOWN.

DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

PROPOSED BURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.



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IL 154

15+00

10+00

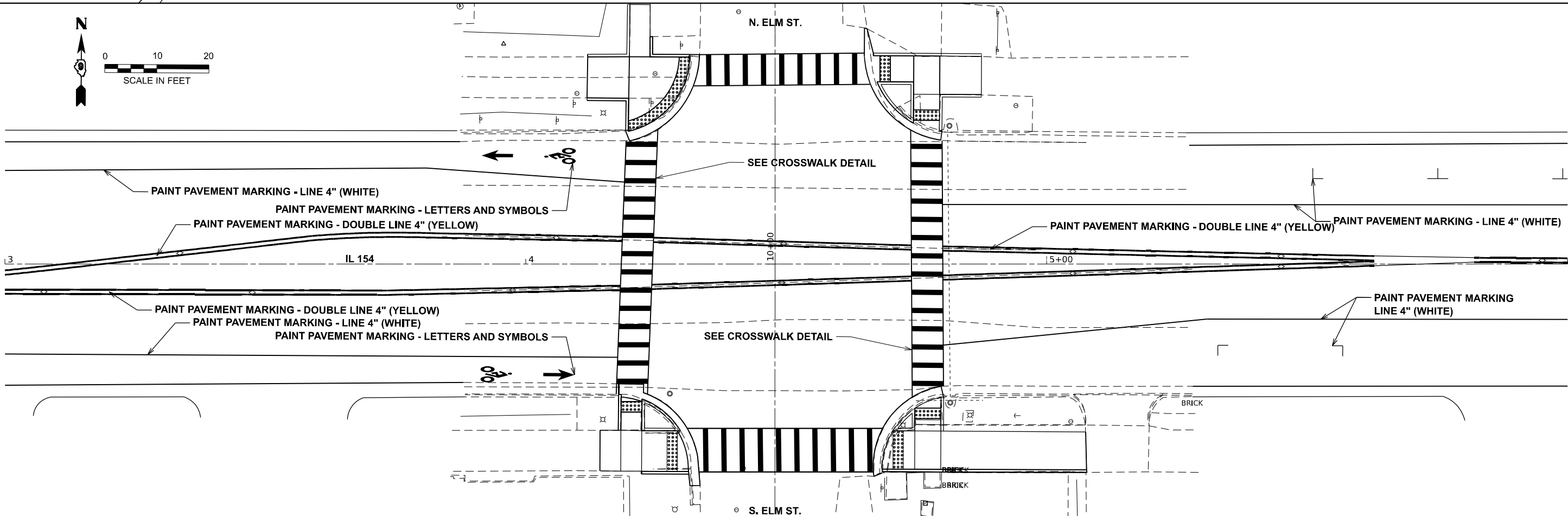
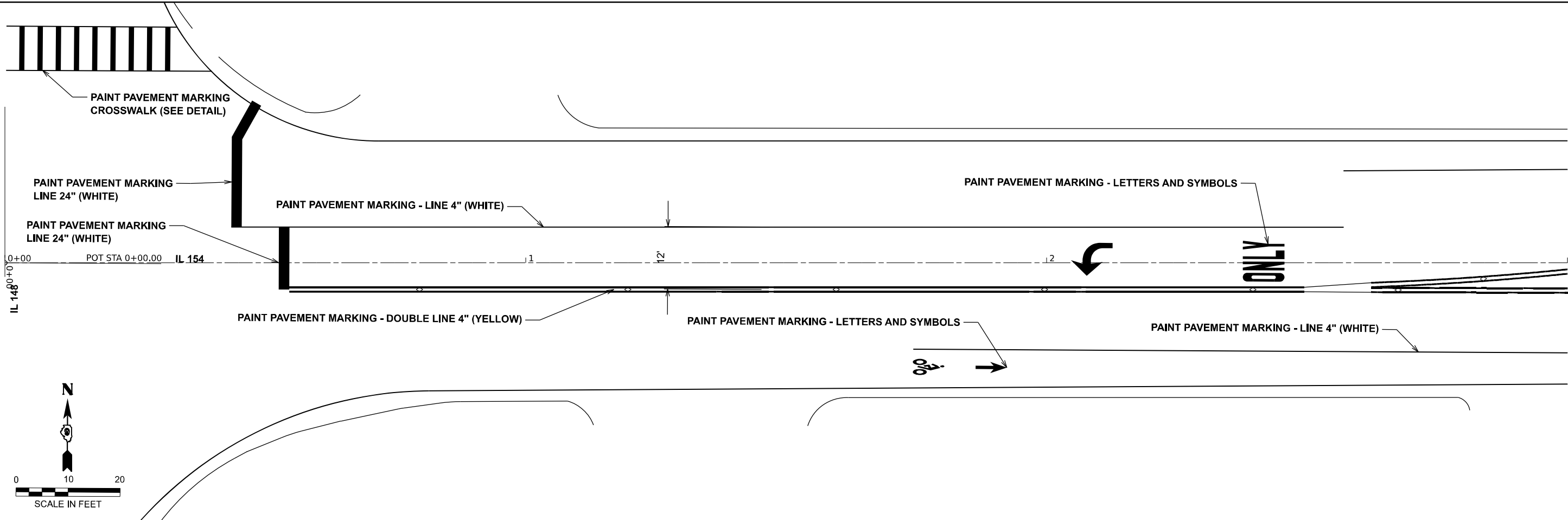
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WALNUT ST ADA RAMPS

SCALE: 1"=5' SHEET 18 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	18
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				



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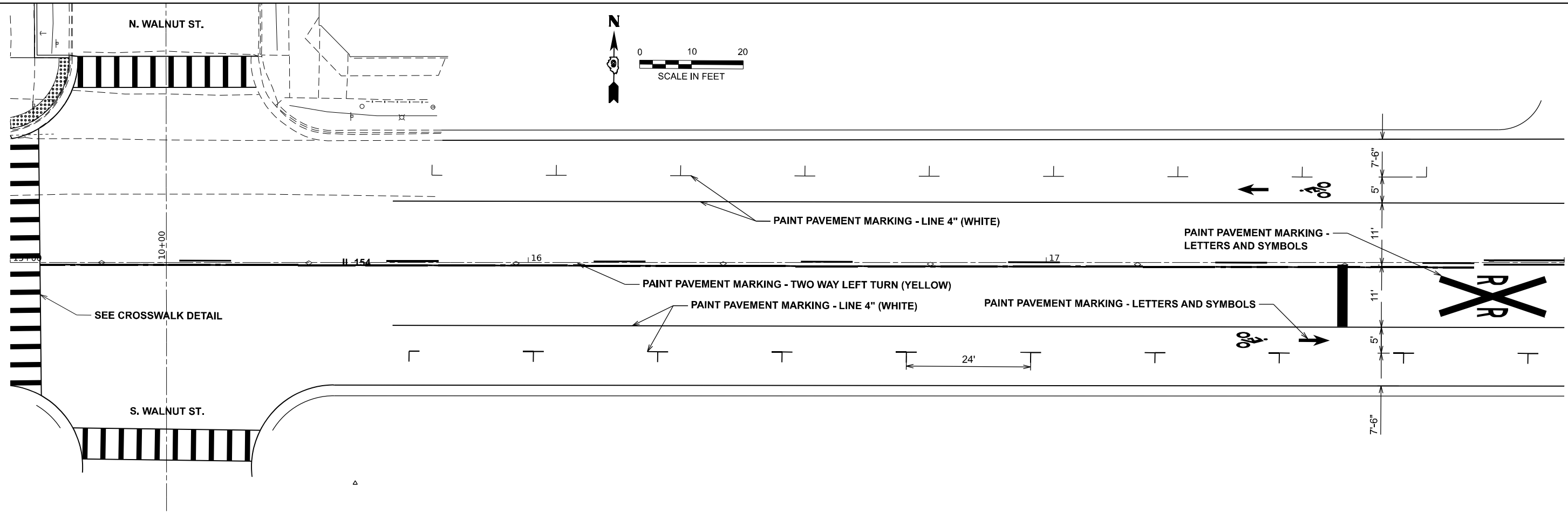
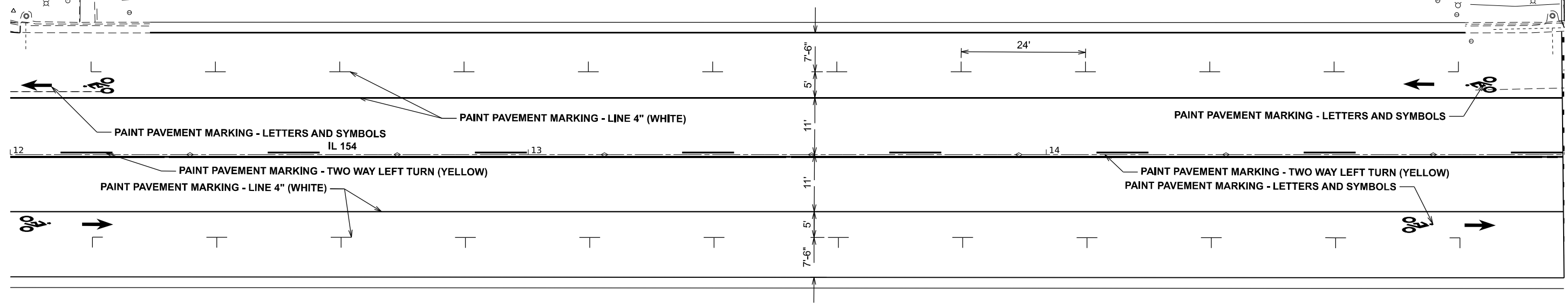
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PLOT DATE = 5/8/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: 1"=10' SHEET 19 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	19
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 5/8/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

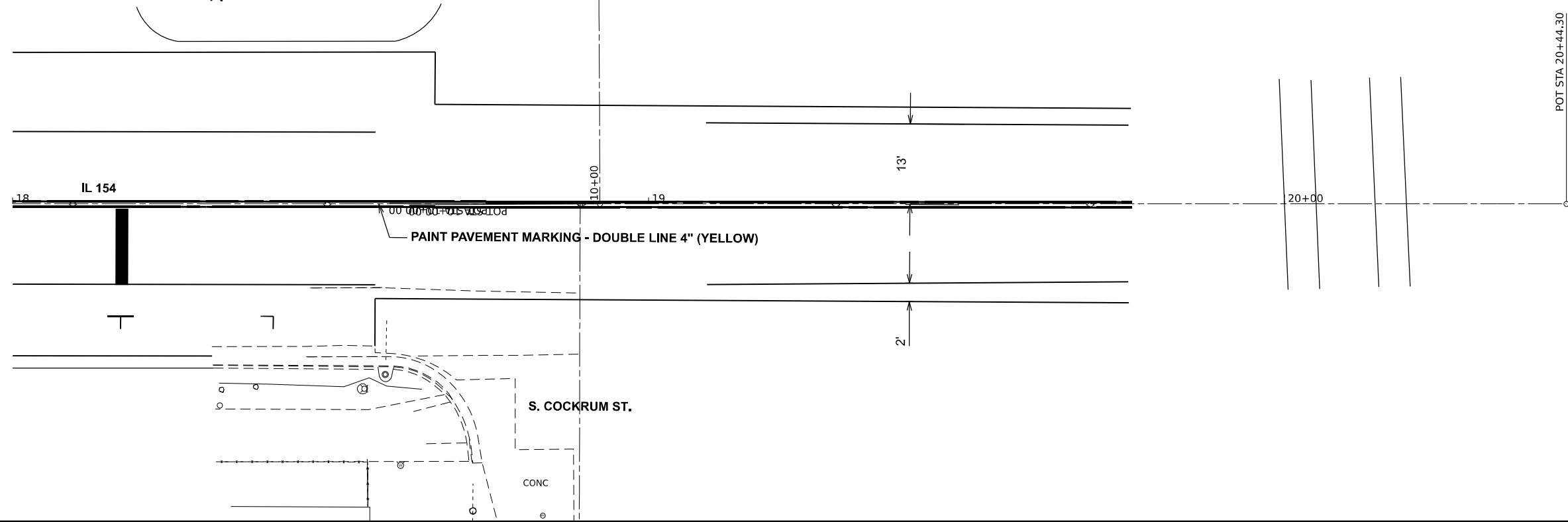
PAVEMENT MARKINGS CONT.

SCALE: 1"=10' SHEET 21 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	21
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				



N. COCKRUM ST.



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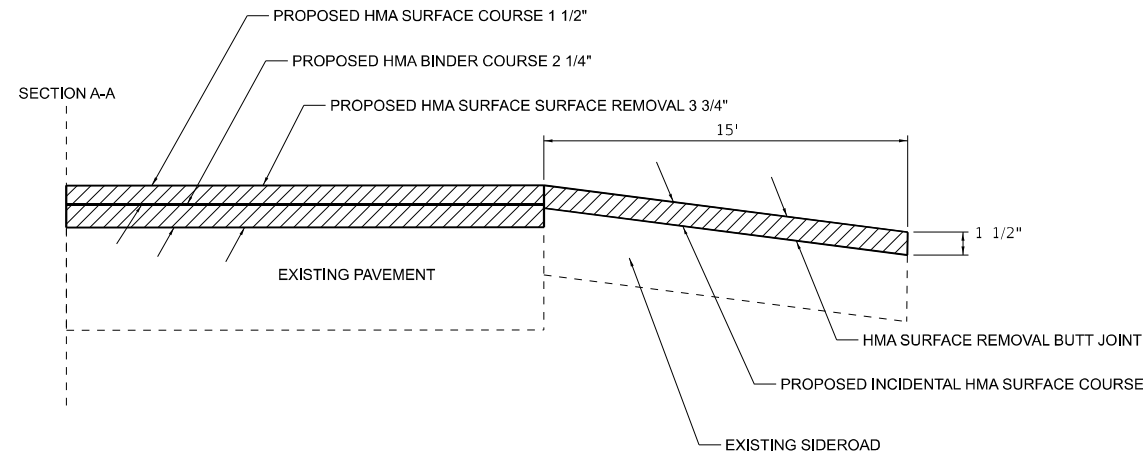
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS CONT.

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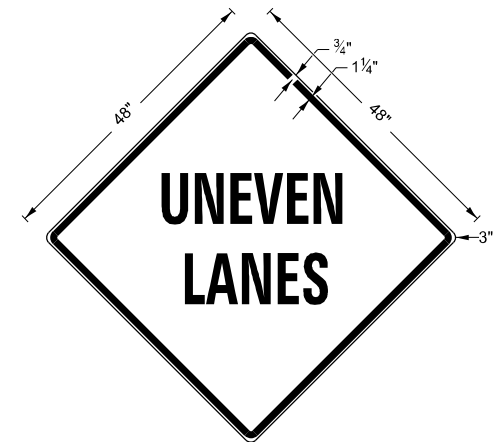
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	22
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

HMA OR OIL & CHIP SIDEROADS WITH BUTT JOINT



- 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.
- VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

UNEVEN LANES SIGN W8-11 (48" X 48")



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

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

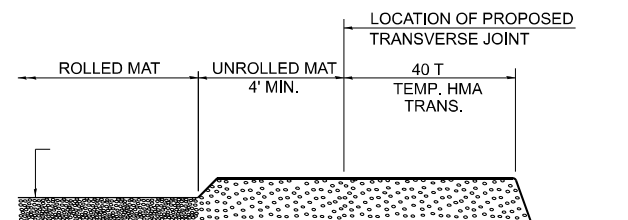
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

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

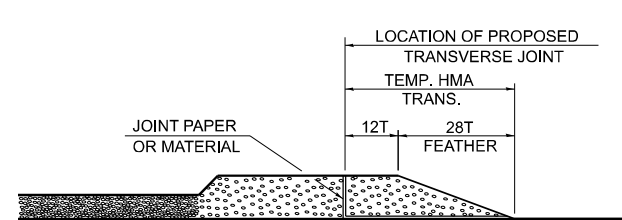
STD. 9-24

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



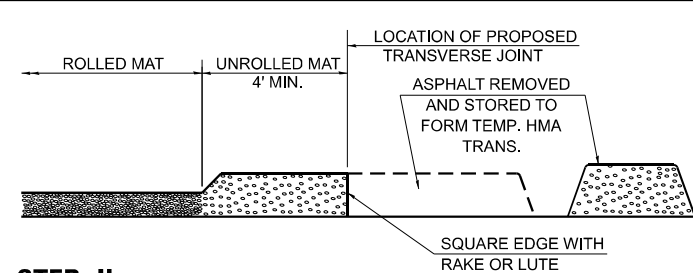
STEP I

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



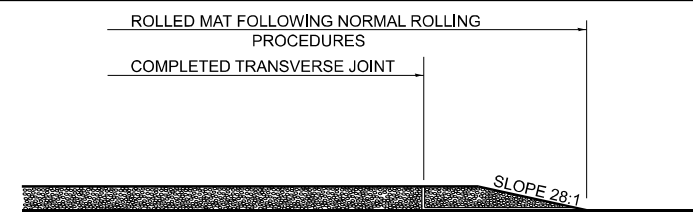
STEP III

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



STEP II

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



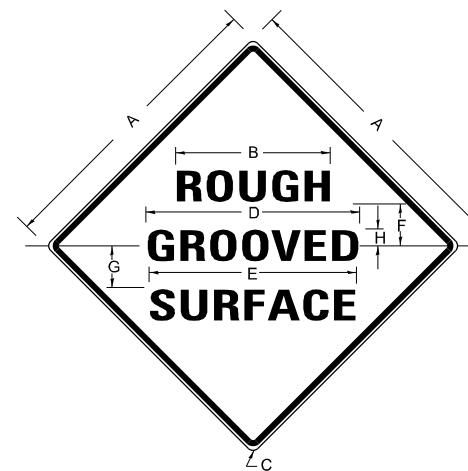
STEP IV

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

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

STD. 9-18

ILLINOIS STANDARD ROUGH GROOVED SURFACE SIGN



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

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

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

ALL DIMENSIONS IN INCHES

NOTES

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

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

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

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

STD. 9-23

MODEL: Detail 2 (Rev. 1)
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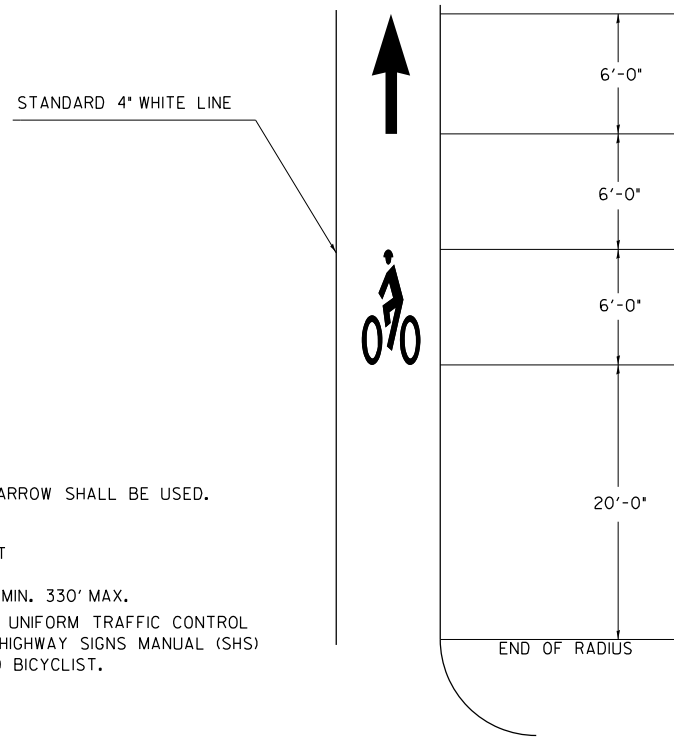
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: SIDEROAD BUTT JOINT, UNEVEN LANES SIGN
HMA TRANSITIONS, ROUGH GROOVED SURFACE SIGN

SCALE: 1/8" = 1'-0" SHEET 23 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	23
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				

HELMETED BICYCLIST SYMBOL

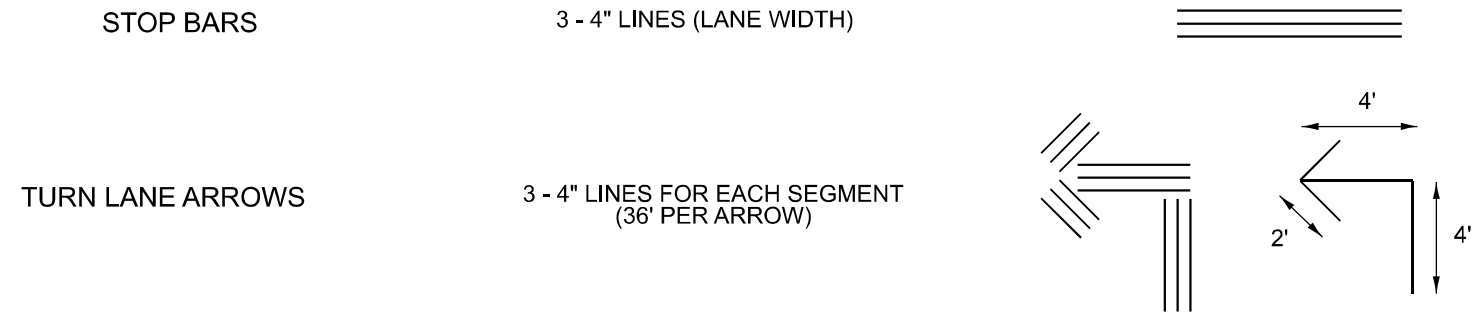


NOTES:

THE STANDARD SMALL THROUGH ARROW SHALL BE USED.
 ARROW = 6.5 SQ FT
 HELMETED BICYCLIST = 7.0 SQ FT

SPACING BETWEEN SYMBOLS: 120' MIN. 330' MAX.
 REFER TO THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND STANDARD HIGHWAY SIGNS MANUAL (SHS) FOR DIMENSIONS OF THE HELMETED BICYCLIST.

SHORT TERM PAVEMENT MARKING DETAIL



MODEL: Detail 3 [Sheet]
 FILE NAME: P:\GIS\Projects\DOT\Documents\DOT Office\District 9\ORD Project\8927\CADD\Info\CAD\Sheet\8927-SHM-Details.dgn

USER NAME = triston_reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS CONT.:
HELMETED BICYCLIST SYMBOL, SHORT TERM PAVEMENT MARKINGS**

SCALE: NO SCALE SHEET 24 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112RS-6	FRANKLIN	24	24
CONTRACT NO. 78927				
ILLINOIS FED. AID PROJECT				