

FOR INDEX OF SHEETS, SEE SHEET NO. 3

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

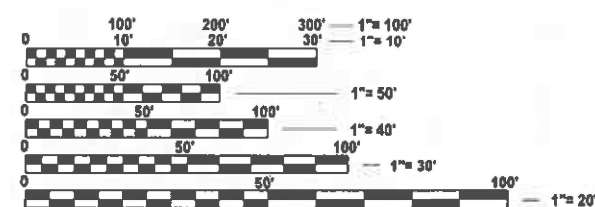
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9919	(106,13)RS-3	UNION	20	1
		ILLINOIS	CONTRACT NO. 78B63	

2020 TRAFFIC DATA  
2700 ADT WITH 6.85% TRUCKS

TOWNSHIPS  
ANNA

STATION EQUATIONS  
STA 7S+39.00 AH = 12+90.00 BK  
STA 31+65.10 AH = 8R+36.80 BK

POSTED SPEED : 40 &amp; 35 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER NATHAN TAYLOR  
PROJECT MANAGER NADIA MCMICHAEL

CONTRACT NO. 78B63

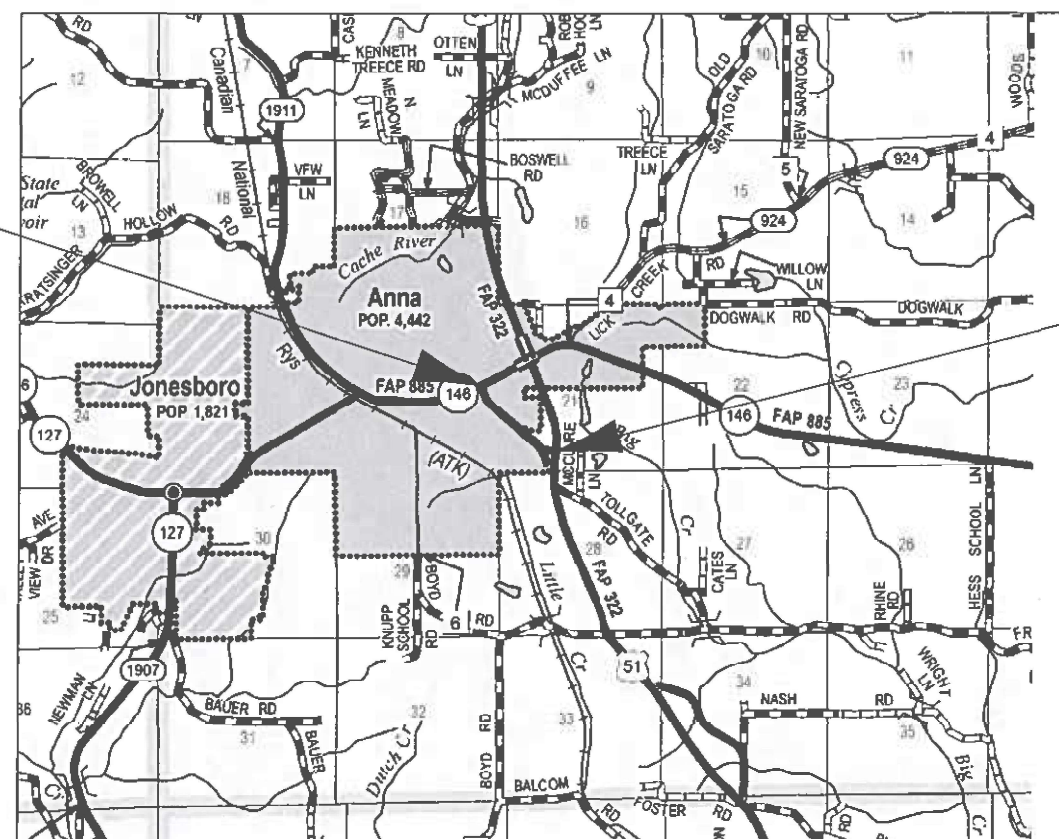
# PROPOSED HIGHWAY PLANS

FAU ROUTE 9919 (OLD US 51)  
SECTION (106,13)RS-3  
STP-TBTK(730)  
RESURFACING  
UNION COUNTY

C-99-107-25

PROJECT BEGINS  
STA 0S+31.00

T12S



R1W

GROSS LENGTH = 3401.890 FT. = 0.644 MILE  
NET LENGTH = 3401.890 FT. = 0.644 MILE



PROJECT ENDS  
STA 0R+18.01

D-99-074-25



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 24 2025  
Lora S. Remington  
REGIONAL ENGINEER  
October 3 2025  
Scott A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT  
October 3 2025  
John P. Harty  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: SIGNATURE SHEET (Sheet)  
FILE NAME: c:\p\work\illinois\p\ nade.mcmichael\illinois\p\ut108080\978863-Shd-Cover & Signature.dgn

USER NAME	• Nadia.McMichael	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	• 7/10/2025	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET 2 OF 20 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9919	(106,13)RS-3	UNION	20	2
CONTRACT NO. 78B63				
ILLINOIS FED. AID PROJECT				

Prepared By:   
DISTRICT STUDIES & PLANS ENGINEER

Examined By:   
DISTRICT LAND ACQUISITION ENGINEER

Examined By:   
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:   
DISTRICT OPERATIONS ENGINEER

Examined By: \_\_\_\_\_  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:   
DISTRICT CONSTRUCTION ENGINEER

Examined By:   
DISTRICT MATERIALS ENGINEER

# HIGHWAY STANDARDS

000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
001006 DECIMAL OF AN INCH AND OF A FOOT  
420001-11 PAVEMENT JOINTS  
442201-04 CLASS C & D PATCHES  
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  
701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION  
701901-11 TRAFFIC CONTROL DEVICES  
780001-05 TYPICAL PAVEMENT MARKINGS  
781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

# INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS
4	MIX DESIGN & OLD US 51 STATION DIAGRAM
5-7	SUMMARY OF QUANTITIES
8-10	TYPICAL SECTIONS - OLD US 51
11-14	SCHEDULES OF QUANTITIES
15-16	INTERSECTION RESURFACING PLAN - OLD US 51
17	EXISTING TRAFFIC SIGNAL LAYOUT PLAN - OLD US 51
18-20	DETAIL SHEETS

# GENERAL NOTES

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

ALL HOT MIX ASPHALT

2.016 TONS/CU. YD.

ALL AGGREGATE

2.05 TONS/CU. YD.
- 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 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.
- 4 LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE
- 5 ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.
- 6 ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.
- 7 THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
- 8 VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF ANNA
- 9 INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT
- 10 WHEN SHOULDER RESURFACING OF 6 FT 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.
- 11 COMMITMENTS: NONE

REV - MS

MODEL: INDEX [Sheet]  
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	USER NAME = Nadia.McMichael	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS		F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				9919	(106,13)RS-3	UNION	20	3
		CHECKED -	REVISED -				CONTRACT NO. 78B63				
	PLOT DATE = 7/10/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 20	SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT

# HMA MIXTURE REQUIREMENTS TABLES

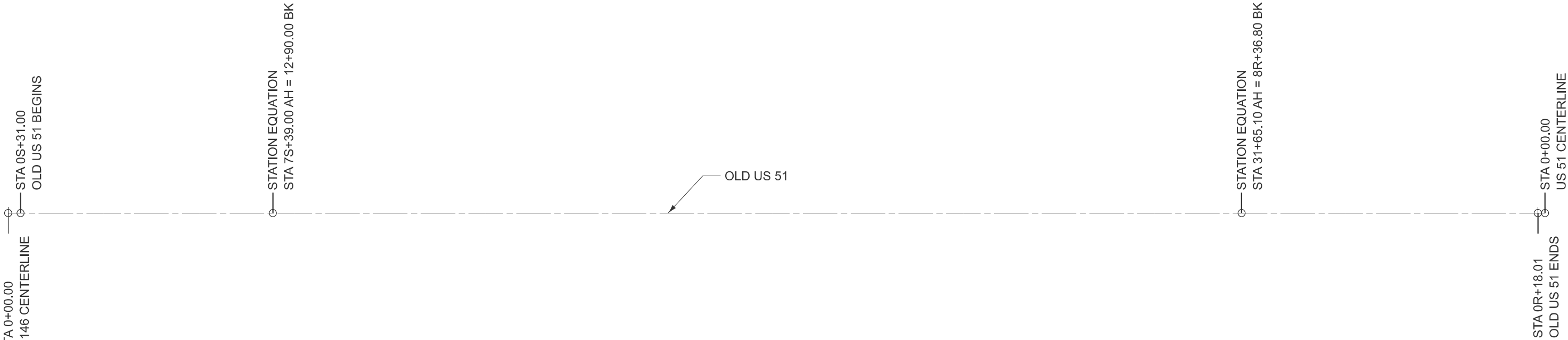
The following HMA mixture requirements are applicable for this project

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AB/PG:	PG64-22
ABR % (Max):	
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	Yes

Locations	Hot-Mix Asphalt Binder Course, Hot-Mix Asphalt Shoulders (Lower Lift)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
AB/PG:	PG64-22
ABR % (Max):	
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	Yes

Locations	Hot-Mix Asphalt Shoulders (Top Lift), Incidental Hot-Mix Asphalt Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
AB/PG:	
ABR % (Max):	PG64-22
Design Air Voids:	4.0%, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	No

## OLD US 51 STATION DIAGRAM



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		CHECKED   -	REVISED   -							CONTRACT NO. 78B63				
	PLOT DATE   = 7/21/2025	DATE       -	REVISED   -							ILLINOIS   FED. AID PROJECT				
						SCALE:	SHEET 4	OF 20	SHEETS	STA.	TO STA.			



SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	UNION CO
				ROUTE:	FAU 9919
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	URBAN
					ROADWAY 0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7,282		7,282
40600370	LONGITUDINAL JOINT SEALANT	FOOT	3,815		3,815
40600405	MATERIAL TRANSFER DEVICE	TON	1,470		1,470
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	817		817
40600990	TEMPORARY RAMP	SQ YD	569		569
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	672		672
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	798		798
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	74		74
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5,885		5,885
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	4,340		4,340
44201361	CLASS C PATCHES, TYPE I, 11 INCH	SQ YD	8		8
44201365	CLASS C PATCHES, TYPE II, 11 INCH	SQ YD	63		63
44201369	CLASS C PATCHES, TYPE III, 11 INCH	SQ YD	42		42

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SUMMARY OF QUANTITIES - CONTD

COUNTY:	UNION CO
ROUTE:	FAU 9919
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44201371	CLASS C PATCHES, TYPE IV, 11 INCH	SQ YD	96	96
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	64	64
48203100	HOT-MIX ASPHALT SHOULDERS	TON	123	123
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	905	905
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	304	304
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	8,964	8,964
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	126	126
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8,964	8,964

\* SPECIALTY ITEM

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		DRAWN -	REVISED -					9919	(106,13)RS-3	UNION	20	6
		CHECKED -	REVISED -					CONTRACT NO. 78B63				
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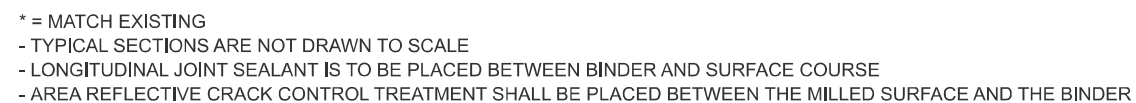
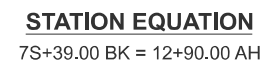
SUMMARY OF QUANTITIES - CONTD

SUMMARY OF QUANTITIES - CONTD

			COUNTY:	UNION CO	
			ROUTE:	FAU 9919	
			FUNDING:	80% FEDERAL 20% STATE	
			LOCATION:	URBAN	
	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
					0005
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	126	126
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	57	57
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	57	57
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	2,989	2,989
*	88600100	DETECTOR LOOP, TYPE I	FOOT	317	317
	X4430201	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	9,431	9,431

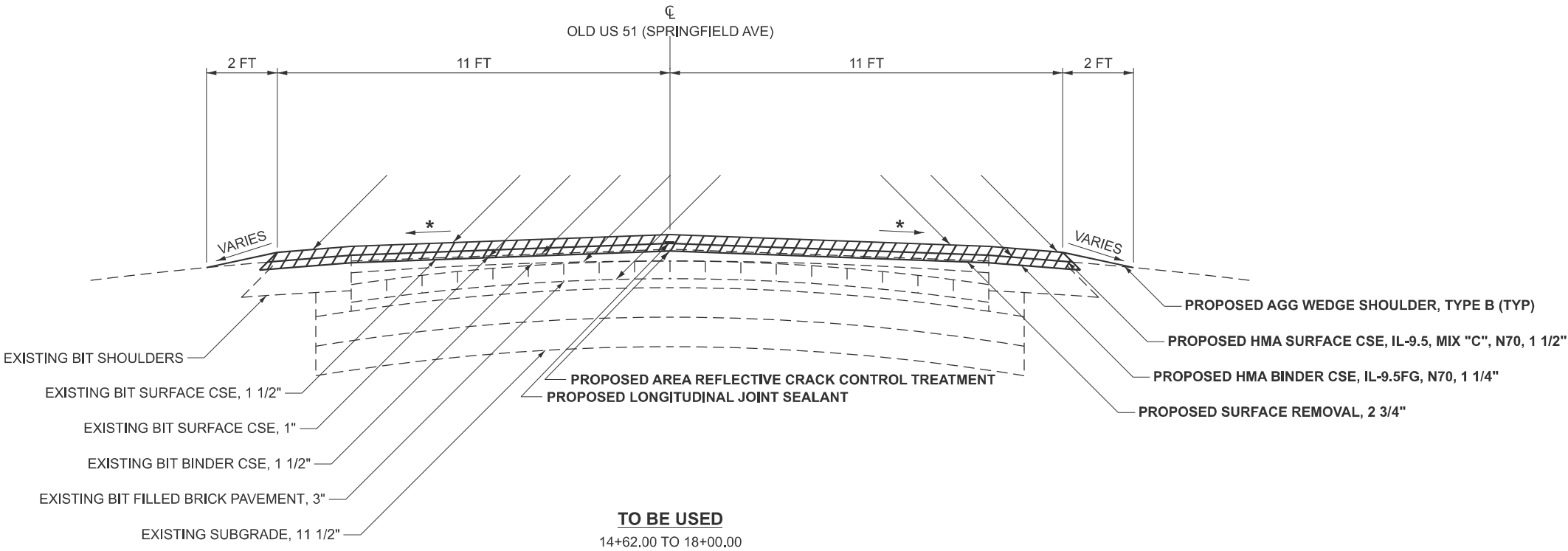
\* SPECIALTY ITEM

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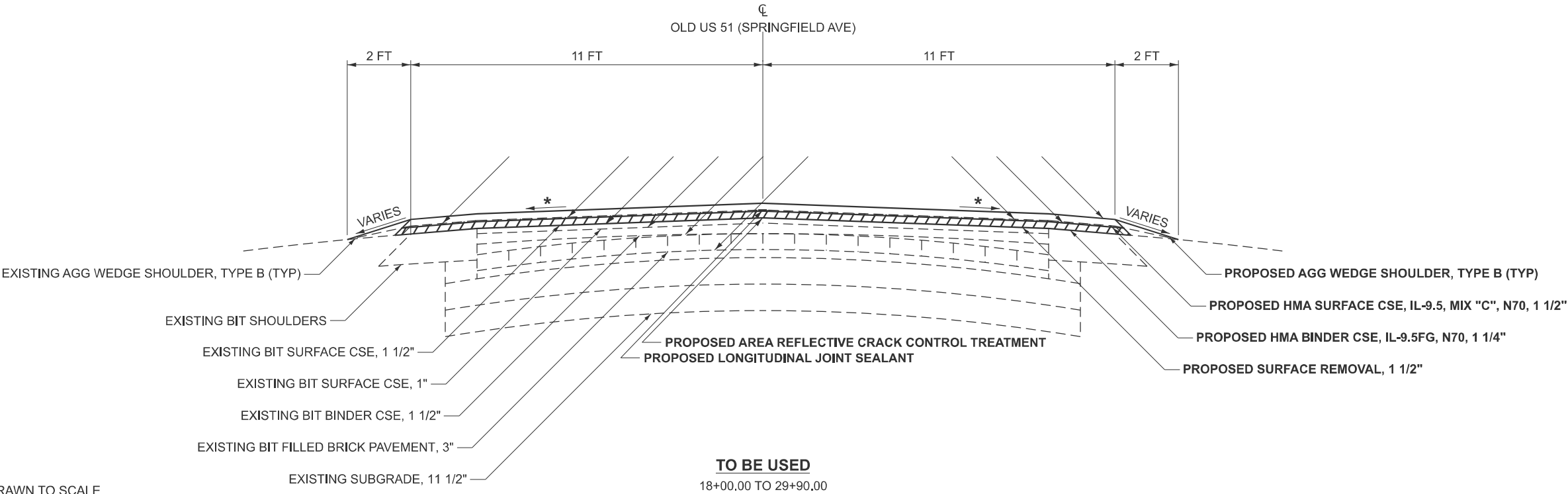


USER NAME = Nadia,McMichael	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS SPRINGFIELD AVE (OLD US 51)				F.A.U RTE. 9919	SECTION  (106,13)RS-3	COUNTY  UNION	TOTAL SHEETS 20	SHEET NO. 8
	DRAWN -	REVISED -										CONTRACT NO. 78B63
	CHECKED -	REVISED -										
PLOT DATE = 7/10/2025	DATE -	REVISED -										
				SCALE:	SHEET 8	OF 20	SHEETS	STA.	TO STA.			

MODEL: TYPICALS [Sheet]  
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**EXISTING WIDTH TRANSITION**  
STA 13+50.00 (26 FT) TO STA 15+62.00 (22 FT)

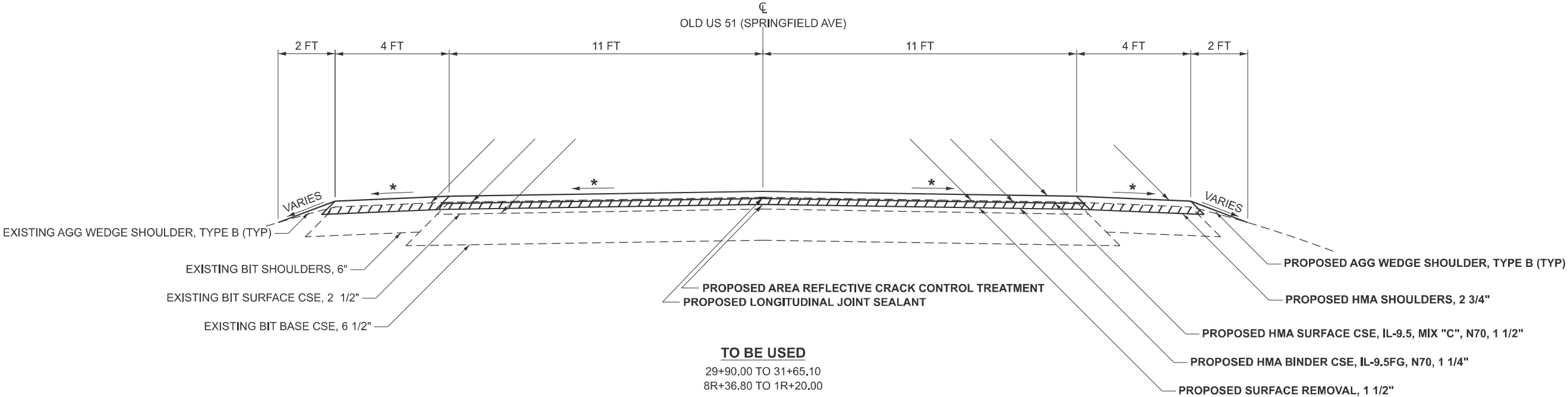


- \* = MATCH EXISTING
- TYPICAL SECTIONS ARE NOT DRAWN TO SCALE
  - LONGITUDINAL JOINT SEALANT IS TO BE PLACED BETWEEN BINDER AND SURFACE COURSE
  - AREA REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED BETWEEN THE MILLED SURFACE AND THE BINDER

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		DRAWN    -	REVISED   -							9919	(106,13)RS-3	UNION	20	9
		CHECKED   -	REVISED   -							CONTRACT NO. 78B63				
	PLOT DATE   = 7/11/2025	DATE       -	REVISED   -							ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET 9	OF 20 SHEETS	STA.	TO STA.				

STATION EQUATION  
31+65.10 AH = 8R+36.80 BK



\* = MATCH EXISTING  
- TYPICAL SECTIONS ARE NOT DRAWN TO SCALE  
- LONGITUDINAL JOINT SEALANT IS TO BE PLACED BETWEEN BINDER AND SURFACE COURSE  
- AREA REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED BETWEEN THE MILLED SURFACE AND THE BINDER

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		DRAWN -	REVISED -					9919	(106,13)RS-3	UNION	20	10
		CHECKED -	REVISED -					CONTRACT NO. 78B63				
	PLOT DATE = 7/11/2025	DATE -	REVISED -		SCALE:	SHEET 10	OF 20 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	PAVEMENT LENGTH	PAVEMENT WIDTH	TEMPORARY RAMPS	HMA SURFACE REMOVAL, (2 3/4")	HMA SURFACE REMOVAL, (1 1/2")	HMA BINDER CSE IL-9.5FG, N70, (1 1/4")	HMA SURFACE CSE MIX "C", N70, (1 1/2")	MATERIAL TRANSFER DEVICE	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	AREA REFLECTIVE CRACK CONTROL TREATMENT	
	FOR INFORMATIONAL USE ONLY											
	(FOOT)	(FOOT)										(SQ YD)
OLD US 51 UNION COUNTY												
0S+31.00 TO 1S+35.00	104		143	557		39	47	86	312	376	557	
1S+35.00 TO 7S+39.00	604	26		1745		123	147	270	604	1178	1745	
7S+39.00 = 12+90.00	STATION EQUATION											
12+90.00 TO 14+62.00	172	26		497		35	42	77	172	336	497	
14+62.00 TO 18+00.00	338	22		827		60	70	130	338	558	827	
18+00.00 TO 29+90.00	1190	22			2909	208	246	454	1190	1964	2909	
29+90.00 TO 31+65.10	175	22			429	31	37	68	176	289	429	
31+65.10 = 8R+36.80	STATION EQUATION											
8R+36.80 TO 1R+20.00	717	22			1753	126	149	275	717	1183	1753	
1R+20.00 TO 0R+18.01	102		169	714		50	60	110	306	482	714	
TOTAL			312	4340	5091	672	798	1470	3815	6366	9431	

\* EXISTING WIDTH TRANSITION STA 13+50.00 (26 FT) TO STA 15+62.00 (22 FT)

DETECTOR LOOP SCHEDULE

LOCATION		DETECTOR LOOPS, TYPE 1
		(FOOT)
OLD US 51 UNION COUNTY		
IL 146 / OLD US 51	EB LANES	156
	WB LANES	161
TOTAL		317

SHOULDER SCHEDULE

LOCATION STATION TO STATION	PAVEMENT LENGTH	AGG SHOULDER WIDTH	HMA SHOULDER WIDTH	HMA SURFACE REMOVAL, (1 1/2")	BITUMINOUS MATERIALS (TACK COAT)	HMA SHOULDER	AGG WEDGE SHOULDER, TYPE B
	FOR INFORMATIONAL USE ONLY						
	(FOOT)	(FOOT)	(FOOT)	(SQ YARD)	(LB)	(TON)	(TON)
OLD US 51 UNION COUNTY							
14+62.00 TO 29+90.00	1528	2					39
29+90.00 TO 31+65.10	175	2	4	156	106	24	5
31+65.10 = 8R+36.80	STATION EQUATION						
8R+36.80 TO 1R+20.00	717	2	4	638	431	99	19
TOTAL				794	537	123	63

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PAVEMENT MARKING SCHEDULE											
LOCATION STATION TO STATION	LENGTH	THERMOPLASTIC PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	REMARKS	
		LINE 4"					LINE 24"				
		YELLOW			WHITE	WHITE					
		DBL SOLID	SOLID	SKIP DASH	SOLID	SOLID					
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)		
OLD US 51 UNION COUNTY											
00+31.00	TO	7S+39.00	708	1416				40	15	15	NO PASS ZONE
7S+39.00	=	12+90.00	STATION EQUATION								
12+90.00	TO	14+62.00	172			43			3	3	PASS ZONE
14+62.00	TO	25+11.00	1049			263	2098	14	14	14	PASS ZONE
25+11.00	TO	30+00.00	489		489	123	978		7	7	SB NO PASS ZONE
30+00.00	TO	31+66.10	166	333			333		3	3	NO PASS ZONE
31+65.10	=	8R+36.80	STATION EQUATION								
8+36.800	TO	1R+15.00	722	1444			1444	72	15	15	NO PASS ZONE
SUBTOTAL			3193	489	429	4853					
PROJECT TOTAL			8964					126	57	57	

TEMPORARY PAVEMENT MARKING SCHEDULE												
LOCATION STATION TO STATION	LENGTH	TEMPORARY PAVEMENT MARKING						PAVEMENT MARKING REMOVAL (GRINDING)	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	REMARKS	
		LINE 4"					LINE 24"					
		YELLOW			WHITE	WHITE						
		DBL SOLID	SOLID	SKIP DASH	SOLID	SOLID						
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(SQ FT)		
OLD US 51 UNION COUNTY												
0S+31.00	TO	7S+39.00	708	1416				40	472	194	65	NO PASS ZONE
7S+39.00	=	12+90.00	STATION EQUATION									
12+90.00	TO	14+62.00	172			43			15	47	16	PASS ZONE
14+62.00	TO	25+11.00	1049			263	2098	14	787	287	96	PASS ZONE
25+11.00	TO	30+00.00	489		489	123	978		530	134	45	SB NO PASS ZONE
30+00.00	TO	31+66.100	166	333			333		222	46	16	NO PASS ZONE
31+65.100	=	8R+36.80	STATION EQUATION									
8R+36.80	TO	1R+15.00	722	1444			1444	72	963	197	66	NO PASS ZONE
SUBTOTAL			3193	489	429	4853						
PROJECT TOTAL			8964				126	2989	905	304		

MODEL: SCHEDULES-2 [Sheet]  
FILE NAME: c:\p\work\pvt\illinois.gov\_nadia.mcMichael\illinois.gov\1108808\0978B63-SHD-Schedules.dgn

ENTRANCE AND SIDE ROAD SCHEDULE												
STATION	ROAD NAME	LOCATION LT/RT	ENTRANCE TYPE	FOR INFORMATIONAL USE ONLY				BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	AGGREGATE WEDGE SHOULDER, TYPE B	TEMPORARY RAMP	HMA SURFACE REMOVAL - BUTT JOINT
				EXISTING SURFACE	EDGE OF PAVEMENT WIDTH	PAVEMENT LENGTH	END OF TAPER WIDTH					
					(FOOT)	(FOOT)	(FOOT)					
2+49.67		LT	CE	COMB	75	4	60				29	
2+60.00	TRANSCRAFT DR	RT	SR	HMA	108	15	56				42	
3+44.95		LT	CE	COMB	65	4	48				25	
5+51.42	WEST DR	RT	SR	PCC	25	15	16				10	
6+57.06		RT	PE	PCC	21	4	14				9	
13+57.39		RT	PE	PCC	22	4	15				9	
13+75.48		LT	CE	COMB	46	4	30				18	
14+26.44		RT	PE	PCC	48	4	40				19	
15+05.98	INDUSTRIAL DR	RT	SR	HMA	46	15	24				18	
16+08.91	MAGNOLIA LN	LT	SR	COMB	80	15	50				31	
16+82.67	FLORSHEIM DR	RT	SR	HMA	98	15	55				38	
17+63.75		LT	PE	HMA	22	4	18	4	1		9	9
18+83.60		LT	PE	HMA	28	4	23	6	1			12
19+21.87	SPRINGFIELD AVE	RT	SR	HMA	31	15	21	20	4			44
20+33.61		LT	PE	HMA	30	4	20	5	1			12
20+60.08	SPRINGFIELD AVE	RT	SR	HMA	31	15	15	18	4			39
21+00.25		LT	PE	HMA	20	4	15	4	1			8
21+56.72		LT	PE	HMA	25	4	18	5	1			10
21+86.91	SPRINGFIELD AVE	RT	SR	HMA	34	15	16	19	4			42
22+38.60		LT	PE	HMA	34	4	28	7	2			14
23+77.69	DOGWOOD RD	LT	SR	HMA	70	15	26	36	7			80
24+01.93	SPRINGFIELD AVE	RT	SR	HMA	36	15	20	21	4			47
25+74.00		LT	PE	HMA	36	4	27	7	2			14
26+83.04	SPRINGFIELD AVE	RT	SR	HMA	158	15	142	113	21			250
27+16.91		LT	PE	HMA	20	4	12	4	1			8
27+55.55		LT	PE	HMA	20	4	12	4	1			8
28+87.81		LT	PE	HMA	32	4	21	6	1			12
29+87.40		LT	PE	HMA	30	4	23	6	1			12
5+44.02	FRONT ST	RT	SR	HMA	142	15	72	81	15			179
4+25.00		RT	PE	HMA	48	4	28	8	2			17
3+70.55		LT	FE	AGG	37	3	26	5		1		
TOTAL								379	74	1	257	817

	USER NAME = Nadia,McMichael	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE AND SIDE ROAD SCHEDULE				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						9919	(106,13)RS-3	UNION	20	13
		CHECKED -	REVISED -		SCALE: SHEET 13 OF 20 SHEETS STA. TO STA.				CONTRACT NO. 78B63				
	PLOT DATE = 7/10/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

MODEL: SCHEDULES-3 [Sheet]  
FILE NAME: c:\p\\_work\pvt\illinois.gov\_nadia.mcMichael@illinois.gov\108808\0978B63-SHD-Schedules.dgn

PATCHING SCHEDULE								
LANE	DISTANCE FROM START	LENGTH	WIDTH	AREA	CLASS C PATCHES, TYPE I, 11 INCH	CLASS C PATCHES, TYPE II, 11 INCH	CLASS C PATCHES, TYPE III, 11 INCH	CLASS C PATCHES, TYPE IV, 11 INCH
	(MILES)	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
OLD US 51 UNION COUNTY								
NB		15	11	19			19	
NB		24	11	30				30
NB	0.1	4	11	5		5		
NB	0.2	4	4	2	2			
NB	0.3	4	11	5		5		
NB	0.4	8	13	12		12		
NB	0.5	6	6	4	4			
NB	0.6	20	13	29				29
SB		40	5	23			23	
SB		65	5	37				37
SB		4	11	5		5		
SB	0.1	4	11	5		5		
SB	0.3	4	11	5		5		
SB	0.3	12	8	11		11		
SB	0.4	4	4	2	2			
SB	0.5	6	13	9		9		
SB	0.6	4	13	6		6		
TOTAL					8	63	42	96

	USER NAME = Nadia,McMichael	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING SCHEDULE			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					9919	(106,13)RS-3	UNION	20	14
		CHECKED -	REVISED -		SCALE:			CONTRACT NO. 78B63				
	PLOT DATE = 7/10/2025	DATE -	REVISED -		SHEET 14 OF 20 SHEETS			ILLINOIS FED. AID PROJECT				

MODEL: PLAN [Sheet]  
FILE NAME: c:\p\work\illinois\gov\ndia.mcMichael@illinois.gov\108808\0978B63-SHF-Plan.dgn



LEGEND	
	PROPOSED SURFACE REMOVAL, 2 3/4"

	USER NAME = Nadia,McMichael	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION RESURFACING PLAN (OLD US 51)			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					9919	(106,13)RS-3	UNION	20	15
		CHECKED -	REVISED -					CONTRACT NO. 78B63				
	PLOT DATE = 7/21/2025	DATE -	REVISED -		SCALE:	SHEET 15	OF 20 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



MODEL: PLAN-1 [Sheet]  
FILE NAME: c:\p\work\pwr\illinois.gov\_nadia.mcMichael@illinois.gov\108808\0978B63-SHF-Plan.dgn



0 20 40  
SCALE IN FEET

PROPOSED SURFACE REMOVAL, 2 3/4"  
PROPOSED HMA BINDER CSE, 1 1/4"  
PROPOSED HMA SURFACE CSE, 1 1/2"

PROPOSED HMA SURFACE CSE, 1 1/2"  
PROPOSED HMA BINDER CSE, 1 1/4"  
PROPOSED SURFACE REMOVAL, 1 1/2"

LEGEND	
	PROPOSED SURFACE REMOVAL, 1 1/2"
	PROPOSED SURFACE REMOVAL, 2 3/4"

	USER NAME = Nadia,McMichael	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION RESURFACING PLAN (OLD US 51)				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						9919	(106,13)RS-3	UNION	20	16
		CHECKED -	REVISED -						CONTRACT NO. 78B63				
	PLOT DATE = 7/21/2025	DATE -	REVISED -		SCALE:	SHEET 16	OF 20	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



PLAN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DIST. 9	16	VARIOUS	18	8
STA.	TO STA.	NAME	FILE NO.	PROJECT

\* SAFETY PROJECT FY 92-1

- NOTES**
- REMOVE EXISTING 3-FACE, 3-SECTION SIGNAL HEAD AND POST. INSTALL SIGNAL HEAD, POLYCARBONATE, 3-FACE, 1-3 SECTION, 2-5 SECTION BRACKET MOUNTED. NEW 7/C & 12/C ELECTRIC CABLES WILL BE INSTALLED AT THIS LOCATION WHEN EXISTING 9/C CABLE IS PULLED FROM CONDUIT. SEE CABLE DIAGRAM, SHEET 9. EXISTING FIBER-OPTIC SIGN TO BE RELOCATED TO NEW TRAFFIC SIGNAL POST 16' (FERROUS).
  - REMOVE EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE WITH 3-3 SECTION SIGNAL HEADS MOUNTED TO POLE AND 1-3 SECTION SIGNAL HEAD ON MAST ARM. INSTALL TRAFFIC SIGNAL POST 16' ON EXISTING CONCRETE FOUNDATION. A NEW SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION WILL BE BRACKET MOUNTED TO POST FOR NORTHBOUND TRAFFIC. A NEW 7/C ELECTRIC CABLE WILL BE INSTALLED AT THIS LOCATION WHEN EXISTING 9/C CABLE IS PULLED FROM CONDUIT. SEE CABLE DIAGRAM, SHEET 9.
  - REMOVE EXISTING 2-FACE, 3-SECTION SIGNAL HEAD AND POST. INSTALL SIGNAL HEAD, POLYCARBONATE, 2-FACE, 1-3 SECTION, 1-5 SECTION SIGNAL HEAD. A NEW 12/C ELECTRIC CABLE WILL BE INSTALLED AT THIS LOCATION WHEN EXISTING 9/C CABLE IS PULLED FROM CONDUIT. EXISTING FIBER-OPTIC SIGN TO BE RELOCATED TO NEW TRAFFIC SIGNAL POST 16' (FERROUS).
  - REMOVE EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE WITH 3-3 SECTION SIGNAL HEADS BRACKET MOUNTED TO POLE AND 1-3 SECTION SIGNAL HEAD ON MAST ARM. INSTALL TRAFFIC SIGNAL POST 16' WITH SIGNAL HEAD, POLYCARBONATE, 2-FACE, 1-3 SECTION, 1-5 SECTION BRACKET MOUNTED. A NEW 12/C ELECTRIC CABLE WILL BE INSTALLED WHEN EXISTING 9/C CABLE IS PULLED FROM THIS LOCATION.
  - FLASHER UNITS SHALL BE INSTALLED IN EXISTING ILLUMINATED FIBER-OPTIC SIGNS WHEN EXISTING CABLES ARE REMOVED. (SEE SHEET 10.)
  - ANY MODIFICATION OF EXISTING CONCRETE FOUNDATION PRIOR TO INSTALLING PROPOSED TRAFFIC SIGNAL POST IS INCIDENTAL TO TRAFFIC SIGNAL POST 16'. (SEE SPECIAL PROVISIONS)
  - FOR STREET SIGN DETAILS, SEE SHEET 12.
  - POWER TO BE SUPPLIED BY C. I. P. S.

### REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

QTY.	UNIT	ITEM
2	EACH	TRAFFIC SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	TRAFFIC SIGNAL HEAD, 2-FACE, 3-SECTION
2	EACH	TRAFFIC SIGNAL HEAD, 3-FACE, 3-SECTION
1	EACH	ALUMINUM MAST ARM AND POLE
2	EACH	TRAFFIC SIGNAL CONTROLLER AND CABINET
2	EACH	TRAFFIC SIGNAL POST 10'

QTY.	UNIT	ITEM
1	EACH	CONCRETE HANDHOLE
3	EACH	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE
3	EACH	TRAFFIC SIGNAL POST, 16 FT.
2	EACH	TRAFFIC SIGNAL POST, 16 FT. (FERROUS)



- LEGEND**
- PROPOSED R10-12 (24" X 30") SIGN
  - PROPOSED CONCRETE HANDHOLE
  - EXISTING CONDUIT
  - PROPOSED TRAFFIC SIGNAL HEAD AND POST
  - EXISTING SERVICE INSTALLATION
  - PROPOSED TRAFFIC SIGNAL CONTROLLER AND CABINET WITH SER. INSTALL. SPL. AND PHOTOCELL RELAY (SEE NOTE, THIS SHEET)
  - EXISTING TRAFFIC SIGNAL HEAD AND POST
  - EXISTING TRAFFIC SIGNAL HEAD TO BE REMOVED
  - EXISTING ILLUMINATED SIGN (FIBER-OPTIC TYPE)
  - EXISTING CONCRETE HANDHOLE
  - EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE WITH TRAFFIC SIGNAL HEAD AND BACKPLATE MAST ARM MOUNTED
  - PROPOSED STEEL COMB. MAST ARM ASSEMBLY AND POLE WITH TRAFFIC SIGNAL HEADS AND BACKPLATES MAST ARM MOUNTED AND SODIUM VAPOR LUMINAIRES
  - PROPOSED TRAFFIC SIGNAL HEAD WITH BACKPLATE
  - EXISTING DETECTOR LOOPS
  - PROPOSED DETECTOR LOOPS WITH CORE-DRILLED CORNERS
  - EXISTING MAGNETIC DETECTOR
  - PROPOSED INTERMEDIATE METAL CONDUIT; LEGEND ABOVE LINE IS SIZE OF CONDUIT. LEGEND BELOW LINE IS LENGTH OF TRENCH OR PUSH.

CONC. MEDIAN REMOVAL  
- 70 SQ. FT.; CONCRETE MEDIAN  
SURFACE, 4 INCH - 70 SQ. FT.

SIDEWALK REMOVAL  
25' SQ. FT.; P.C.C. SIDEWALK 5'  
25 SQ. FT.

EXIST. SERVICE INSTALLATION  
TO BE REMOVED.  
EXIST. WOOD POLE TO  
REMAIN IN PLACE.

REMOVE EXISTING TRAFFIC SIGNAL CONTROLLER  
AND CABINET; TRAFFIC SIGNAL CONTROLLER  
FOUNDATION MODIFICATION (SEE SHEET 7 FOR  
DETAIL). INSTALL NEW FULL-ACTUATED  
CONTROLLER, STD. SEQ. 4, 8 PHASES, IN TYPE 4  
CABINET. INSTALL SERVICE INSTALLATION (SPECIAL)  
WITH PHOTOCELL RELAY ON SIDE OF CABINET. (SEE SH. 7 FOR DETAIL)

**FOR INFORMATION ONLY**

### SCHEDULE OF QUANTITIES (CONT'D.)

QTY.	UNIT	ITEM
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. (SPECIAL)
1	EACH	FULL-ACTUATED CONTROLLER, STD. SEQ. IV, 8 PHASES, IN TYPE IV CABINET
17	CONC. FOUNDATION, TYPE E 30-INCH DIAMETER	
2	EACH	STRAIGHT RAY LOUVER, TYPE B
1	EACH	RADIO TRANSCEIVER
175	LIN. FT.	TRENCH AND BACKFILL
9	EACH	INDUCTION LOOP DETECTOR AMPLIFIER
330	LIN. FT.	DETECTOR LOOP, TYPE 1
1390	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 7/C
155	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 12/C
650	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 2/C, TWISTED, SHIELDED
50	LIN. FT.	INTERMEDIATE METAL CONDUIT IN TRENCH 1 1/2"
55	LIN. FT.	INTERMEDIATE METAL CONDUIT IN TRENCH 2"
70	LIN. FT.	INTERMEDIATE METAL CONDUIT, PUSHED 2"
85	LIN. FT.	INTERMEDIATE METAL CONDUIT IN TRENCH 1 1/4"
10	SO. FT.	SIGN PANEL - TYPE 1
24	SO. FT.	SIGN PANEL - TYPE 2
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
5	EACH	DRILL EXISTING HANDHOLE
1	EACH	MODIFY EXISTING CONTROLLER FOUNDATION
2	EACH	RELOCATE EXISTING ILLUMINATED SIGN, FIBER-OPTIC TYPE
70	SO. FT.	CONC. MEDIAN SURF. REMOVAL
70	SO. FT.	CONC. MEDIAN SURF., 4 INCH
1	EACH	DRILL EXISTING FOUNDATION
25	SO. FT.	SIDEWALK REMOVAL
25	SO. FT.	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
360	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 12 3/C
3	EACH	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT
1	EACH	SERVICE INSTALLATION (SPECIAL)

ANNA - INTERSECTION AT ILL. RTE. 146 AND U.S. RTE. 51 (SOUTH)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

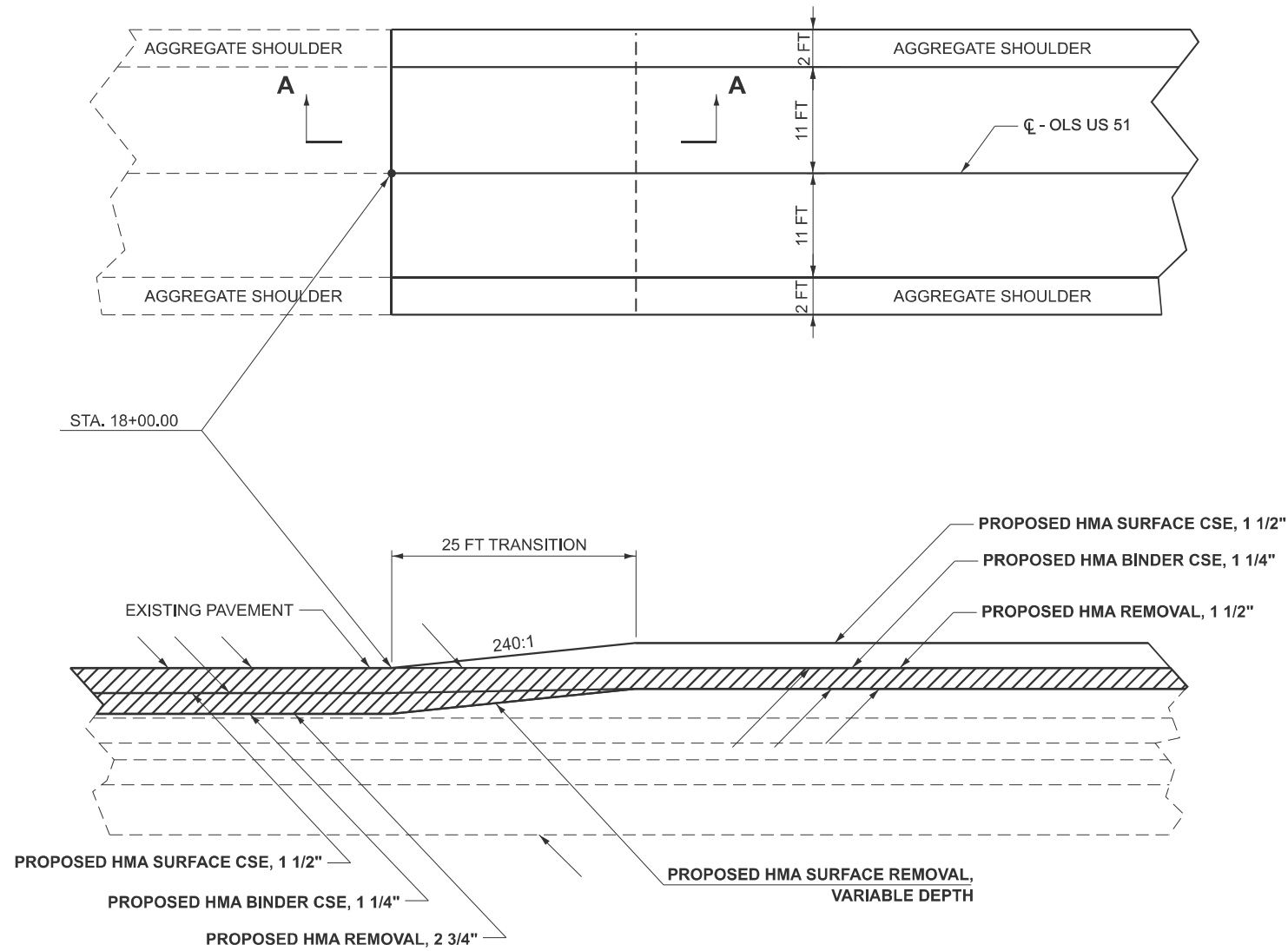
### EXISTING TRAFFIC SIGNAL LAYOUT

SCALE: SHEET 17 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9919	(106.13)RS-3	UNION	20	17
CONTRACT NO. 78B63				
ILLINOIS FED. AID PROJECT				

USER NAME: nadia.mcmichael	DESIGNED: -	REVISED: -
	DRAWN: -	REVISED: -
	CHECKED: -	REVISED: -
PLOT DATE: 7/10/2025	DATE: -	REVISED: -

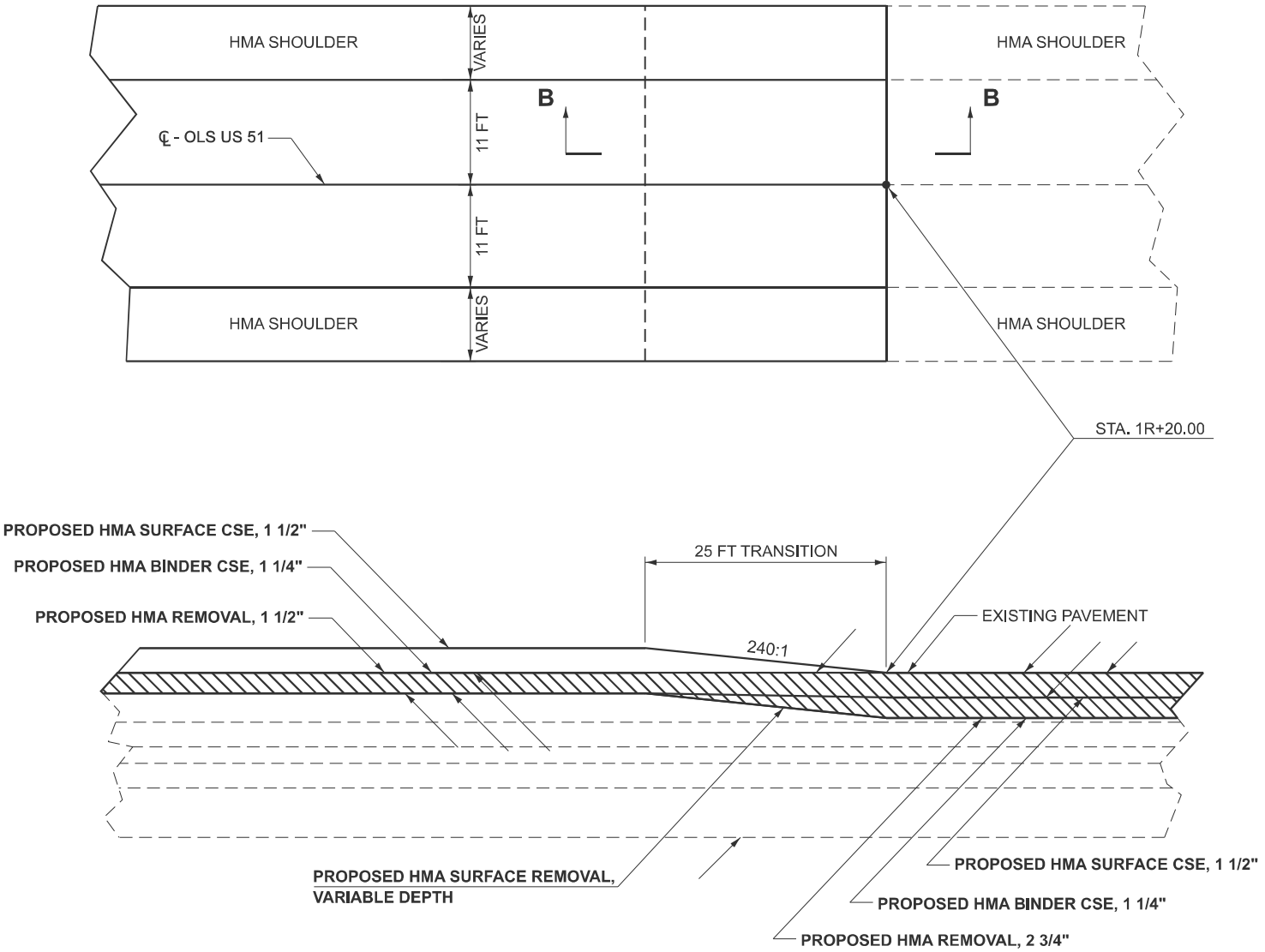
OLD US 51 HOT-MIX ASPHALT PAVEMENT TRANSITION



SECTION A-A

- THE COST OF HMA SURFACE REMOVAL VARIABLE DEPTH SHALL BE INCLUDED IN THE COST OF HMA REMOVAL, 1 1/2"

OLD US 51 HOT-MIX ASPHALT PAVEMENT TRANSITION



SECTION B-B

- THE COST OF HMA SURFACE REMOVAL VARIABLE DEPTH SHALL BE INCLUDED IN THE COST OF HMA REMOVAL, 1 1/2"

MODEL: STANDARDS (Sheet)  
FILE NAME: c:\pw\work\std\illinois.gov\std\108808\0978B63-SHS-Standards.dgn

USER NAME = Nadia,McMichael	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/10/2025	DATE -	REVISED -

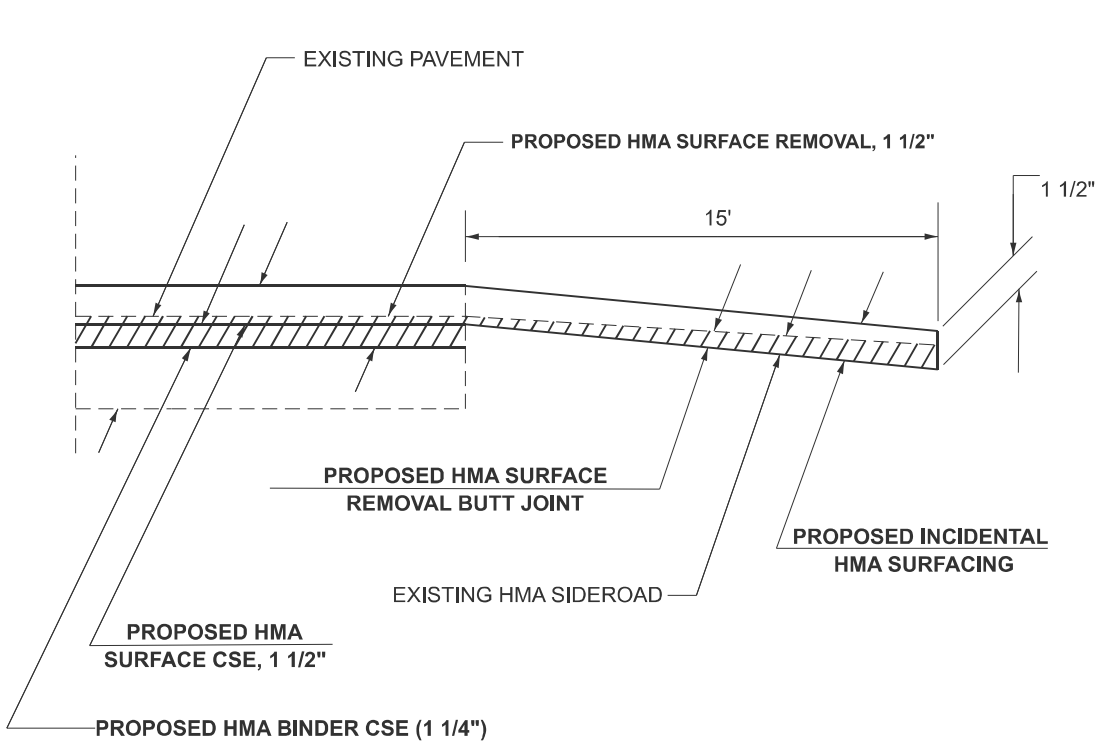
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HMA TRANSITION DETAILS

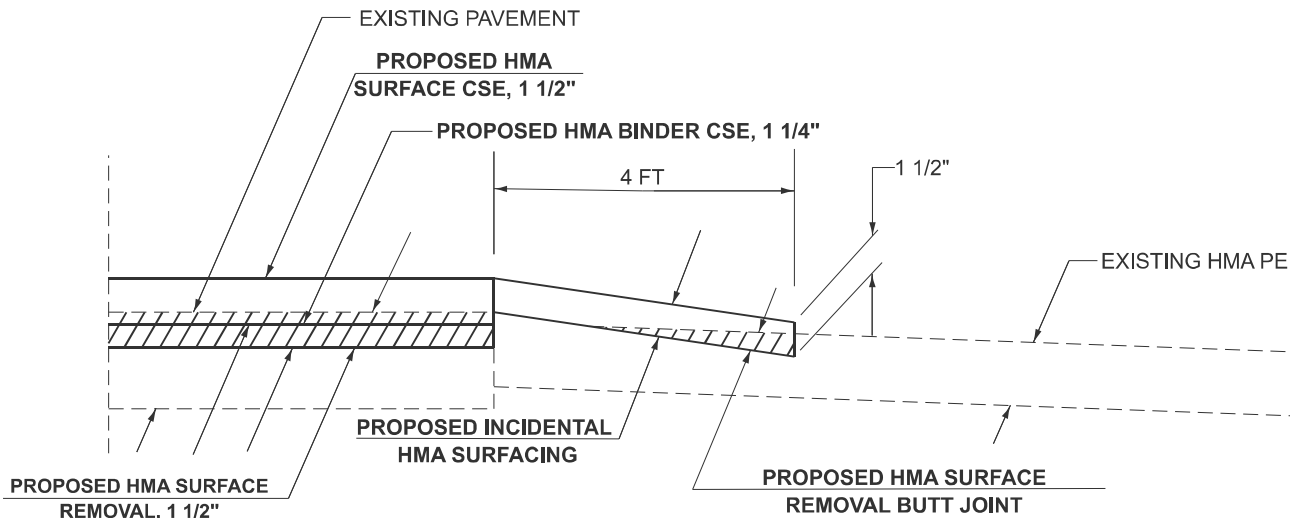
SCALE: SHEET 18 OF 20 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9919	(106,13)RS-3	UNION	20	18
CONTRACT NO. 78B63				
ILLINOIS FED. AID PROJECT				

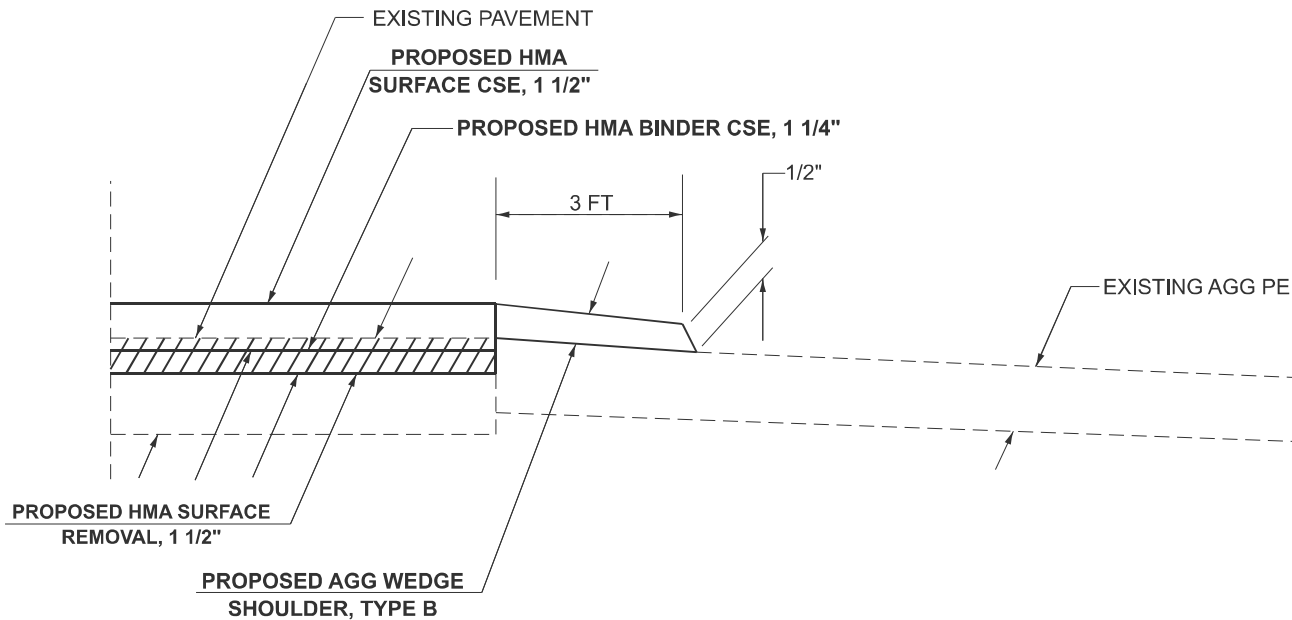
HMA SIDEROAD



HMA PRIVATE ENTRANCE



AGGREGATE PRIVATE ENTRANCE



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 SIDE ROAD 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.

MODEL: STANDARDS-1 [Sheet]  
FILE NAME: c:\pw\_work\privstd\illinois.gov\_nadia.mcMichael\illinois.gov\_108808\0978B63-Shs-Standards.dgn

USER NAME = Nadia.McMichael	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/9/2025	DATE -	REVISED -

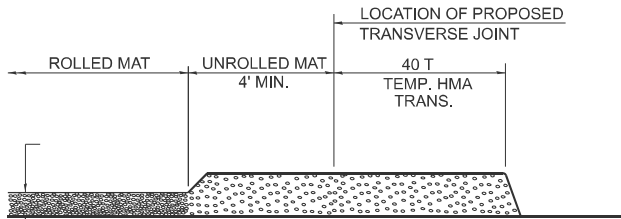
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDEROAD DETAILS

SCALE: SHEET 19 OF 20 SHEETS STA. TO STA.

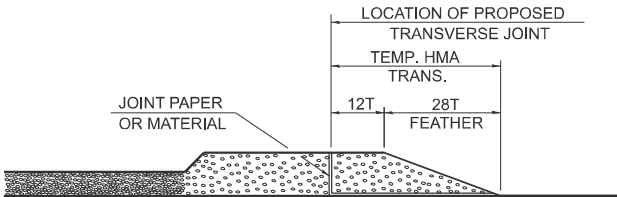
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9919	(106,13)RS-3	UNION	20	19
CONTRACT NO. 78B63				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



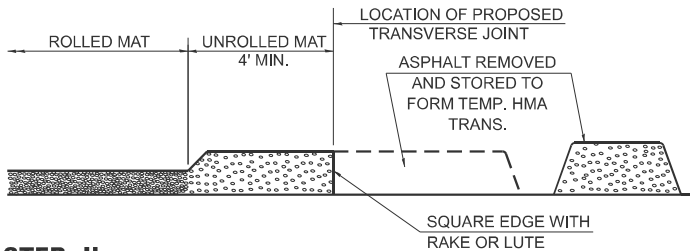
STEP I

1. 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.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



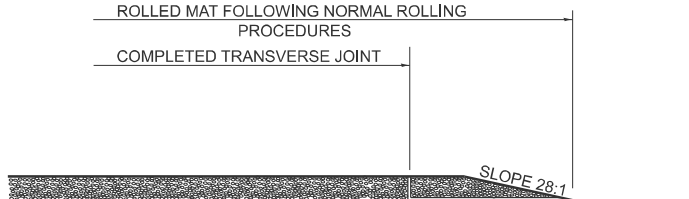
STEP III

1. 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.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

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



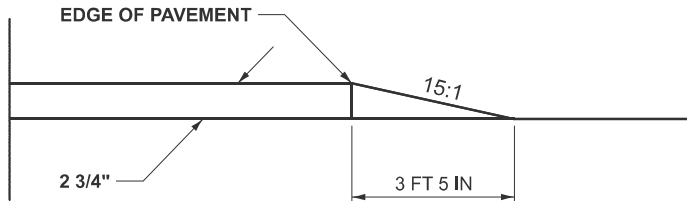
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. 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).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

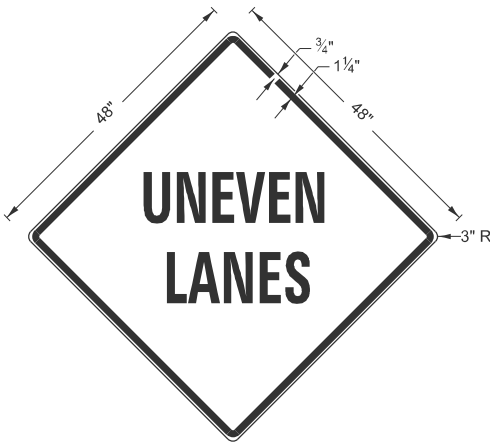
STD. 9-18

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

ENTRANCE AND SIDE ROAD TEMPORARY HMA RAMP



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.

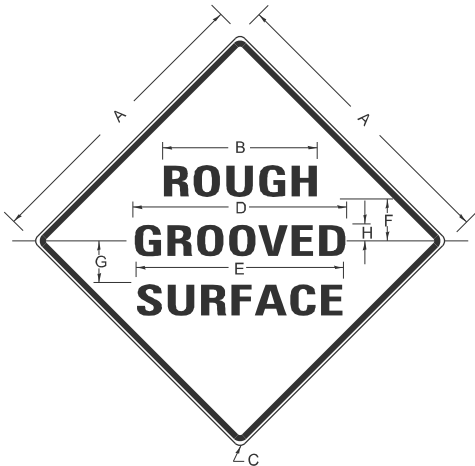
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

ILLINOIS STANDARD  
ROUGH GROOVED SURFACE SIGN



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.

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

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

STD. 9-23

MODEL: STANDARDS-2 [Sheet]  
FILE NAME: c:\pw\_work\pwt\illinois.gov\_nadia.mcMichael\illinois.gov\_108808\0978B63-Shs-Standards.dgn

	USER NAME = Nadia,McMichael	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 7/10/2025	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY HMA TRANSITION, UNEVEN LANES,  
AND ROUGH GROOVED SURFACE STANDARD

SCALE: SHEET 20 OF 20 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9919	(106,13)RS-3	UNION	20	20
CONTRACT NO. 78B63				
ILLINOIS FED. AID PROJECT				