

INDEX OF SHEETS

SHEET NO. ITEM

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THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 11:

STANDARD NO. DESCRIPTION

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442101-09	CLASS B PATCHES
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS MORE THAN 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
420001-10	PAVEMENT JOINTS

GENERAL NOTES

THIS PROJECT IS LOCATED ON FAI ROUTE 57 (I-57) IN EFFINGHAM COUNTY, FROM (NB): S OF I-70 RAMP TO 0.1 MI N; (SB): 0.1 MI S OF I-70 RAMP (SB) TO 0.1 MI N OF I-70 (NB). THE WORK INCLUDED IN SECTION D7 HMA RESURF 2023-1 CONSISTS OF PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, (SMART) HOT-MIX ASPHALT RESURFACING, PAVEMENT MARKING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

MILLED PAVEMENT SHALL BE RESURFACED WITHIN 5 CALENDAR DAYS.

LONGITUDINAL JOINT SEALANT WILL BE APPLIED AT ALL CENTERLINE AND RAMP LANE JOINTS.

WHEN APPLYING SHORT-TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT, MIX "E", N80: 130 LBS/SQYD/INCH

BITUMINOUS MATERIALS (TACK COAT): 0.05 LBS/SQFT

NOTE: ALL QUANTITIES SOUTH OF NB STATION 5020 + 20, SB STATION 5020 + 20, AND RAMP I-70 E - I-57 S STATION 10+05 SHALL BE PAID FOR AS RURAL, THEREFORE EVERYTHING NORTH OF THOSE STATIONS SHALL BE PAID FOR AS URBAN.

NOTE: "*" IN THE PATCHING SCHEDULE SHALL BE PAID FOR AS RURAL.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, IL-12.5, MIX "E", N80	SBS PG 76-22	4.0% @ N=80	IL - 12.5	MIXTURE E	N80	QCQA	N/A	YES
SHOULDER	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, N70, MIX "C"	PG 64-22	4.0% @ 70	IL - 9.5	MIXTURE C	N70	QCQA	N/A	N/A



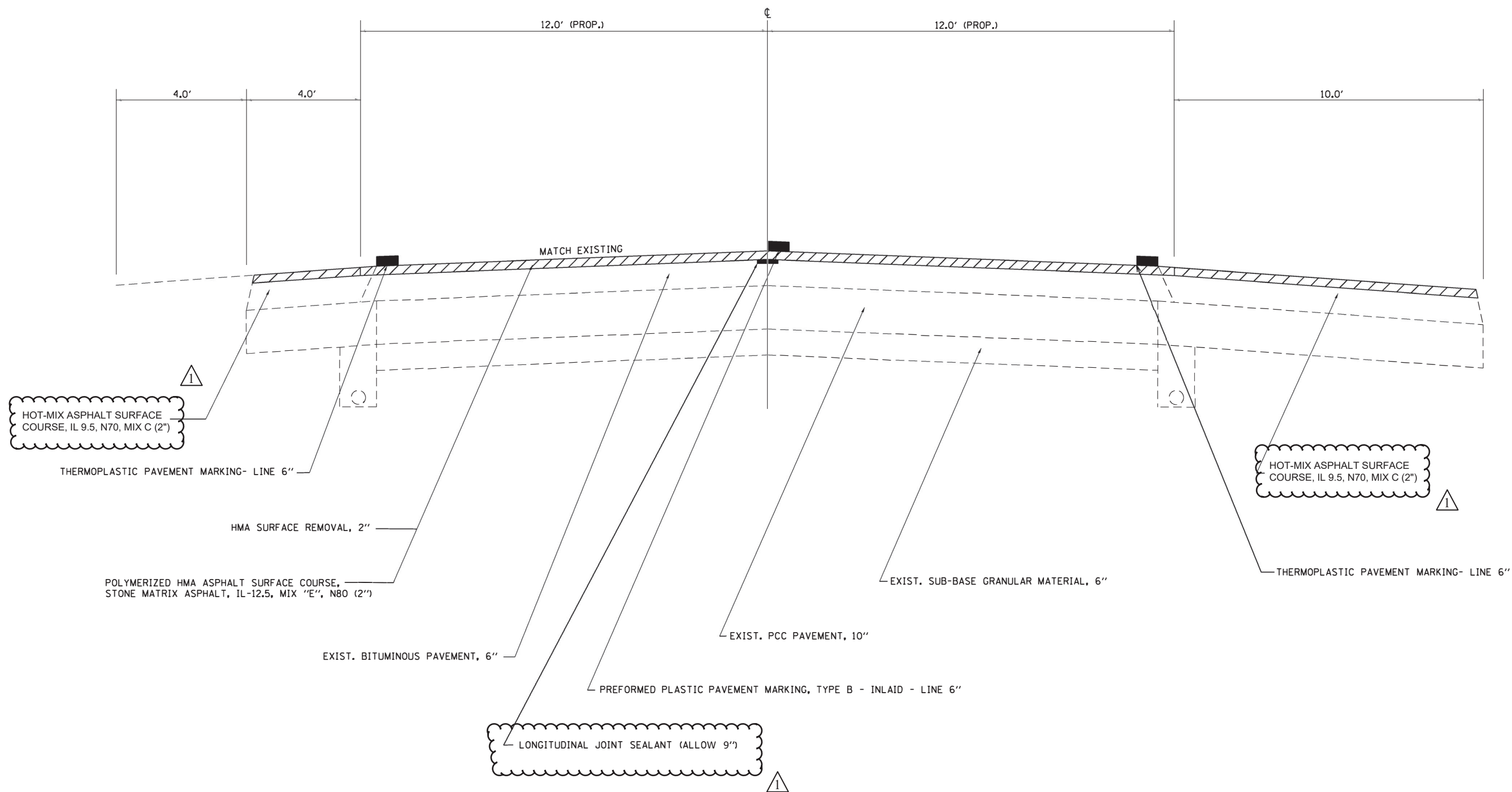
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				57	D7 HMA RESURF 2023-1	EFFINGHAM	11	2
PLOT DATE = 2/9/2022	CHECKED -	REVISED -		SCALE: SHEET 2 OF 25 SHEETS STA. TO STA.		CONTRACT NO. 74A75				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

TYPICAL CROSS SECTION



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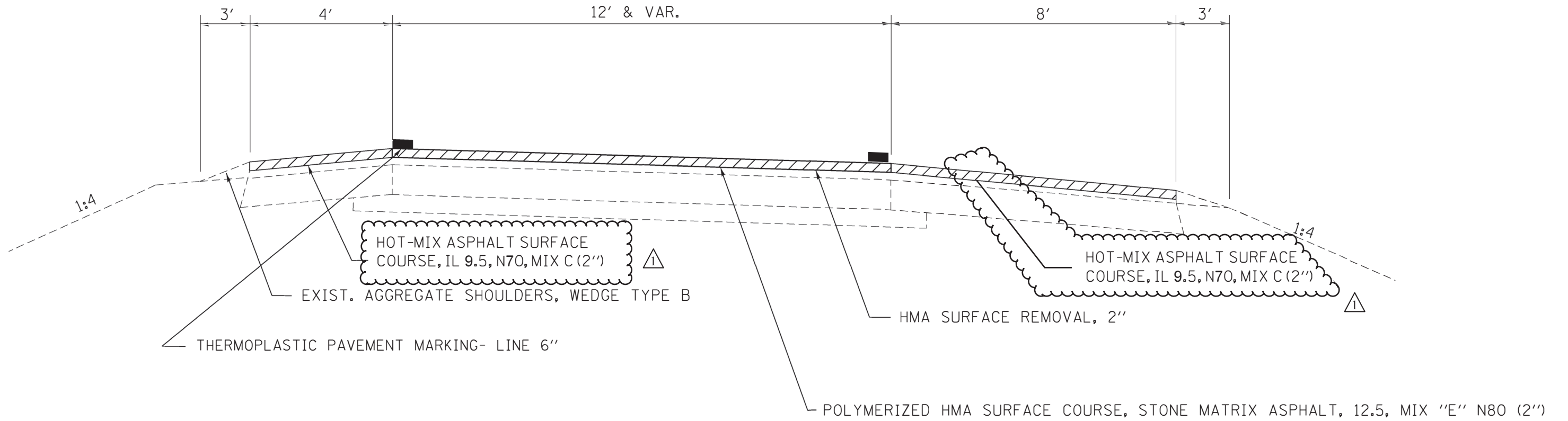
TYPICAL CROSS SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 HMA RESURF 2023-1	EFFINGHAM	11	4
CONTRACT NO. 74A75				
ILLINOIS FED. AID PROJECT				

PROPOSED TYPICAL SECTION

RAMPS A & B



NOTE: NOT TO SCALE

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TYPICAL CROSS SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 HMA RESURF 2023-1	EFFINGHAM	11	5
CONTRACT NO. 74A75				
ILLINOIS FED. AID PROJECT				

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	PATCH AREA				DOWEL BARS 44201299 (each)	SAW CUTS 44213200 (ft)
					TYPE I 16.0" (sq. yd)	TYPE II 16.0" (sq. yd)	TYPE III 16.0" (sq. yd)	TYPE IV 16.0" (sq. yd)		
I-70 EB RAMP	TO I-57 SB				0.0	0.0	0.0	0.0	0	0.0
7+12.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
8+04.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 10+12.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 11+07.00		DRIVING	7	14	0.0	10.9	0.0	0.0	24	56.0
* 13+00.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 13+68.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 14+02.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 15+25.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 16+02.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
* 17+20.00		DRIVING	6	14	0.0	9.3	0.0	0.0	24	54.0
SUB TOTALS					0.0 (sq. yd)	94.9 (sq. yd)	0.0 (sq. yd)	0.0 (sq. yd)	240.0 (each)	542.0 (ft)
					PATCH AREA				DOWEL BARS	SAW CUTS
					TYPE I 16.0" (sq. yd)	TYPE II 16.0" (sq. yd)	TYPE III 16.0" (sq. yd)	TYPE IV 16.0" (sq. yd)	44201299 (each)	44213200 (ft)
TOTALS					0.0 (sq. yd)	822.9 (sq. yd)	0.0 (sq. yd)	0.0 (sq. yd)	1888.0 (each)	4578.0 (ft)

PAVING SCHEDULE		BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE REMOVAL, 2"	TEMPORARY RAMP	HOT- MIX ASPHALT SURFACE COURSE, IL- 9.5, N70, MIX C	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E" "N80"
MILE POST TO MILE POST		POUND	SQ YD	SQ YD	TON	TON
NORTHBOUND						
14.40	TO 14.55	1926.0	4280.0	37.0	191.0	342.0
NORTHBOUND RAMP TO I-70 WEST						
0	TO JOINT	1263.0	2806.0	9.0	133.0	202.0
NORTHBOUND TOTAL:		3189	7086	46	324	544
SOUTHBOUND						
14.28	TO 14.61	4161.0	9247.0	75.0	361.0	813.0
SOUTHBOUND RAMP FROM I-70 EAST TO I-57 SOUTH						
JOINT	TO 0.34	1381.0	3068.0	9.0	128.0	223.0
SOUTHBOUND TOTALS:		5542	12315	84	489	1036
TOTALS:		8731	19401	130	813	1580



PAVEMENT MARKING SCHEDULE		SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	SHOULDER RUMBLE STRIPS, 16 INCH
MILE POST TO MILE POST		FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT
NORTHBOUND I-57										
14.40	TO 14.55	133.0	44.0	2026.0	0.0	0.0	260.0	24.0	24.0	2026
NORTHBOUND RAMP TO I-70 WEST										
0	TO JOINT	0.0	0.0	1432.0	374.0	77.0	0.0	30.0	30.0	1432
NORTHBOUND TOTALS:		133	44	3458	374	77	260	54	54	3458
SOUTHBOUND I-57										
14.28	TO JOINT	45.0	15.0	698.0	0.0	0.0	80.0	10.0	10.0	698
SOUTHBOUND I-57 BRIDGE JOINT TO END PROJECT										
JOINT	TO 14.61	248.0	82.0	3778.0	0.0	0.0	480.0	48.0	48.0	3778
SOUTHBOUND RAMP FROM I-70 EAST TO I-57 SOUTH										
JOINT	TO 0.34	0.0	0.0	1124.0	788.0	0.0	0.0	0.0	0.0	1124
SOUTHBOUND TOTALS:		293	97	5600	788	0	560	58	58	5600
TOTALS		426	141			77				
TWO LAYERS		X2								
TOTALS:		852	281	9058	1162	77	820	112	112	9058

"*" RURAL FUND CODE

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SCHEDULE OF QUANTITIES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 HMA RESURF 2023-1	EFFINGHAM	11	9
CONTRACT NO. 74A75				
ILLINOIS FED. AID PROJECT				