

GENERAL NOTES

THE WORK IN THIS SECTION INCLUDES PATCHING, MILLING AND RESURFACING THE EXISTING PAVEMENT AND SHOULDERS, SHOULDER RUMBLE STRIPS, AGGREGATE WEDGE SHOULDERS, PAINT PAVEMENT MARKING, THERMO-PLASTIC PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION

THIS PROJECT IS LOCATED ON US 50, STARTING 0.6 MILES WEST OF THE STE MARIE RD, AND CONTINUING FOR 3.60 MILES, ENDING 4 MILES WEST OF THE LAWRENCE COUNTY LINE

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE HMA.

LONGITUDINAL JOINT SEALANT WILL BE APPLIED BETWEEN THE BINDER AND THE SURFACE COURSE AT ALL CENTERLINE AND TURN LANE JOINTS.

MATERIAL FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP. MATERIAL FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE AND PAINT SHALL BE USED ON THE MILLED AND BINDER SURFACES.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS CONSISTS OF 93.6 SQUARE FEET OF WHITE.

QUANTITY FOR PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 33,929 FEET OF WHITE, AND 5,164 FEET OF YELLOW.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LINE 4" CONSISTS OF 6,542 FEET OF YELLOW AND 3,416 FEET OF WHITE.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LINE 12" CONSISTS OF 409 FEET OF YELLOW AND 96 FEET OF WHITE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL CROSS SECTION
6-7	SCHEDULES OF QUANTITIES
8	ENTRANCE SCHEDULE
9-15	PLAN SHEETS
16-23	DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
642006-01	SHOULDER RUMBLE STRIPS, 8 INCH
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
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
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED RELECTIVE PAVEMENT MARKERS

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 HMA SURFACE COURSE, IL-9.5, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	QCP	1000	N/A
MAINLINE	POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90 (1 3/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	QCP	1000	N/A
MAINLINE	CLASS "D" PATCHING	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QC/QA	3000	N/A
INCIDENTAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
6" SHOULDERS	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL -9.5	MIXTURE C	N70	QC/QA	3000	N/A
6" SHOULDERS	HMA BINDER COURSE, IL-19.0, N70 (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL -19.0	N/A	N70	QC/QA	3000	N/A

▲ REVISED 2-22-2023

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 FILE NAME: C:\Users\jessica\Documents\110001\110001.dwg
 PROJECT: 110001\110001.dwg

USER NAME = Jessica.HW	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND INDEX OF SHEETS		F.A.P. RTE. = 327	SECTION = (4-2)RS-1, (5-2) RS-1	COUNTY = RICHLAND	TOTAL SHEETS = 23	SHEET NO. = 2	
PLOT SCALE = 40,000' / 1" = 1/4"	DRAWN -	REVISD -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 2/16/2023	CHECKED -	REVISD -									
	DATE -	REVISD -									

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	11	11		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	44046	44046		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	19008	19008		
40600990	TEMPORARY RAMP	SO YD	33	33		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	6395	6395		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	7308	7308		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	106	106		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	65153	65153		
44004250	PAVED SHOULDER REMOVAL	SO YD	1969	1969		⚠
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	749.3	749.3		
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	178.7	178.7		
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	86.7	86.7		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1022	1022		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	1969	1969		⚠
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	36788	36788		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6187	6187		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	687	687		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	94	94		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	49050	49050		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	300	300		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	280	280		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	505	505		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	94	94		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9957	9957		

* SPECIALTY ITEM

⚠ REVISED 2-22-2023

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USER NAME = Jessica.Hille	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/21/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(4-2) RS-4, (5-2) RS-1	RICHLAND	23	3
CONTRACT NO. 74547				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE			LENGTH	AVERAGE PAVEMENT WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5" DEPTH	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (2")	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (1 3/4")	AGGREGATE WEDGE SHOULDERS, TYPE B	TEMPORARY RAMP	LONGITUDINAL JOINT SEALANT	SHOULDER RUMBLE STRIP, 8"
STATION	TO	STATION	FOOT	FOOT	SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD	FOOT	FOOT
149+30.45	TO	170+41.59	2111.1	30.0	7037.1	6987.1	4750.1	788.2	689.6	97.4	16.7	2111.1	3732.7
STATION EQUATION			-	-	-	-	-	-	-	-	-	-	-
170+51.91	TO	176+36.82	584.9	37.0	2404.6	2404.6	1623.1	269.3	235.7	50.9	-	584.9	1169.8
176+36.82	TO	182+81.04	644.2	44.0	3149.5	3149.5	2125.9	352.7	308.7	56.0	-	644.2	1288.4
182+81.04	TO	188+41.23	560.2	37.0	2303.0	2303.0	1554.5	257.9	225.7	48.7	-	560.2	1120.4
188+41.23	TO	307+39.87	11898.6	30.0	39662.1	39662.1	26771.9	4442.2	3886.9	601.8	-	11898.6	23059.3
STATION EQUATION			-	-	-	-	-	-	-	-	-	-	-
307+44.14	TO	339+53.04	3208.9	30.0	10696.3	10646.3	7220.0	1198.0	1048.2	167.5	16.7	3208.9	6417.8
TOTALS			19008.0		65253	65153	44046	7308	6395	1022	33	19008	36788

SHOULDER REPAIR SCHEDULE						
STATION	TO	STATION	LENGTH	TOTAL SHOULDER WIDTH (EASTBOUND + WESTBOUND)	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SHOULDERS
FOOT	FOOT	FOOT	FOOT	FOOT	SQ YD	6"
310+00.00	TO	339+53.04	2953	6	1969	1969

PAVEMENT MARKING SCHEDULE			LENGTH	PAINT PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	TEMPORARY PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	TEMPORARY PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	TEMPORARY PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	TEMPORARY PAVEMENT MARKING - LINE 12"	SHORT-TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS
STATION	TO	STATION	FOOT	FOOT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH
149+30.45	TO	165+32.00	1602	3603	-	-	-	-	-	3603	-	-	-	-	-	-	-	-	-	480	53.3	21
165+32.00	TO	170+41.59	510	1556	-	-	-	160	-	1716	-	-	-	-	-	-	-	-	-	152	16.9	7
170+51.91	TO	188+41.23	1789	0	93.6	93.6	93.6	9637	9957	9637	300	300	300	280	280	280	505	505	505	1024	113.7	110
188+41.23	TO	193+91.00	550	1687	-	-	-	160	-	1847	-	-	-	-	-	-	-	-	-	164	18.3	7
193+91.00	TO	307+39.87	11349	25087	-	-	-	-	-	25087	-	-	-	-	-	-	-	-	-	3404	378.3	142
307+44.14	TO	339+53.04	3209	7160	-	-	-	-	-	7160	-	-	-	-	-	-	-	-	-	962	106.9	41
WHITE TOTALS			-	33929	93.6	-	-	3416	-	-	300	-	-	280	-	-	157	-	-	-	-	-
YELLOW TOTALS			-	5164	-	-	-	6222	-	-	-	-	-	-	-	-	409	-	-	-	-	-
TOTALS			-	39093	94	94	94	9957	9957	49050	300	300	300	280	280	280	505	505	505	6187	687	328

REVISOR: [Symbol] REVISED 2-22-2023

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USER NAME = jessica.Hille DESIGNER = [Symbol] CHECKED = [Symbol] DATE = 2-16-2023	REVISED = [Symbol] REVISED = [Symbol] REVISED = [Symbol] REVISED = [Symbol]	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES SCALE: [Symbol] SHEET 1 OF 2 SHEETS STA. [Symbol] TO STA. [Symbol]	F.A.P. [Symbol] SECTION (4-2)RS-4, (5-2)RS-1 COUNTY RICHLAND TOTAL SHEETS 23 SHEET NO. 6 CONTRACT NO. 74547 ILLINOIS FED. AID PROJECT
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