

GENERAL NOTES

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

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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	PFP	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	PFP	1000	N/A
PATCHING	HMA BINDER COURSE, IL-19.0, N90	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QC/QA	3000	N/A
3.75" HMA SHOULDERS	HOT-MIX ASPHALT SHOULDERS (2" TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
3.75" HMA SHOULDERS	HOT-MIX ASPHALT SHOULDERS (1.75" BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	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	N/A	N/A

THIS PROJECT IS LOCATED ON U.S. ROUTE 45 IN CLAY COUNTY BEGINNING AT THE NORTH CITY LIMITS OF LOUISVILLE AND EXTENDING SOUTH FOR 6.84 MILES TO 0.3 MI SOUTH OF ILLINOIS ROUTE 50. THE WORK INCLUDED IN SECTION (5,6)RS-1 CONSISTS OF HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT SHOULDERS, PAVEMENT MARKING, ADA IMPROVEMENTS, CULVERT REPLACEMENTS AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 781 OF THE STANDARD SPECIFICATIONS. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS CONSISTS OF 452 TWO-WAY AMBER MARKERS. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AT 80 FOOT INTERVALS ALONG THE CENTERLINE.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (TACK COAT), HOT-MIX ASPHALT LEVELING BINDER, AND HOT-MIX ASPHALT FINE GRADED SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4 INCH CONSISTS OF 62,564 FEET OF WHITE AND 12,579 FEET OF YELLOW.

THE LONGITUDINAL JOINT SEALANT WILL BE CONSTRUCTED BETWEEN THE LEVEL BINDER AND SURFACE COURSE.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR ALL HOT-MIX ASPHALT.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B AND AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

HOT MIX ASPHALT	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT)	
MILLED SURFACE	0.05 LBS/SQ FT
BETWEEN HMA LIFTS	0.025 LBS/SQ FT
GRANULAR MATERIAL	2.05 TONS/CU YD

COMMITMENT

A COMMITMENT HAS BEEN MADE WITH CLAY COUNTY FOR THE STATE TO MAINTAIN THE DETOUR ROUTE IN ITS ENTIRETY FOR THE PERIOD OF TIME IT IS USED FOR THE PURPOSES OF A STATE MARKED DETOUR ROUTE. AN ESTIMATED QUANTITY OF HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX) HAS BEEN INCLUDED FOR ANY NECESSARY POTHOLE PATCHING. THE QUANTITY AND LOCATIONS OF POTHOLE PATCHING WILL BE DETERMINED BY THE RESIDENT ENGINEER.



△ REVISED 1-2-2024

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	3
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701336					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701501					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701801					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11075	10611	464	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	3692	3537	155	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	76314	72835	3479	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	120	120		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	48	48		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1171	1171		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	120	120	△	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	75143	71664	3479	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1171	1171		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	120	120		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	452	433	19	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	452	433	19	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	132	132		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	4008	4008		
* X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	3	3		
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	1632	1632		
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	208		208	
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	17	17		
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1		
Z0005010	HMA FOR PATCHING POTHOLES (COLD MIX)	TONS	40		40	
Z0016702	DETOUR SIGNING	L SUM	1		1	

* SPECIALTY ITEM

△ REVISED 1-2-2024

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 6
CONTRACT NO. 74761			ILLINOIS FED. AID PROJECT	