GENERAL NOTES

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

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 MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:											
LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITIO N	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		

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

HOT MIX ASPHALT
BITUMINOUS MATERIALS (TACK COAT)
MILLED SURFACE
BETWEEN HMA LIFTS

GRANULAR MATERIAL

0.05 LBS/SQ FT 0.025 LBS/SQ FT 2.05 TONS/CU YD

112 LBS/SQ YD/IN

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

ILLINOIS FED. AID PROJECT

SECTION

(5,6)RS-1

REV. - MS

COUNTY

CLAY

CONTRACT NO. 74761

USER NAME = jessica.hille	DESIGNED	REVISED _		GENERAL NOTES					RTE.
	DRAWN	REVISED _	STATE OF ILLINOIS						328
PLOT SCALE = 100.0000 / in.	CHECKED =	REVISED -	DEPARTMENT OF TRANSPORTATION						
PLOT DATE = 10/25/2023	DATE :=	REVISED +		SCALE:	SHEET 1	OF 1 SI	HEETS STA.	TO STA.	

80% FED 20% STATE

80% FED 20% STATE

ITEM RAFFIC CONTROL AND PROTECTION, STANDARD 01336	UNIT	TOTAL QUANTITIES	0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP		SUMMARY OF QUANTITIES		TOTAL	0005 NHPP	0005 STP	0003 NHHP
RAFFIC CONTROL AND PROTECTION, STANDARD			1 0_0			CODE NO	ITEM	l unit l	QUANTITIES	FAP 328	FAI 8535	
·				1 AI 0333		332 110		5.41	G07411125	171 320	1 AI 0333	
01336	L SUM	1	1			78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	F00T	1171	1171		
						78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	F00T	120	120		
RAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1									
01501						78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	452	433	19	
RAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1			78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	452	433	19	
01801												
						78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	132	132		
NANGEABLE MESSAGE SIGN	CAL DA	56	56									
						X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	4008	4008		
HORT TERM PAVEMENT MARKING	F00T	11075	10611	464								
IODT TERM DAVEMENT MARKING REMOVAL	SO ET	3692	3537	155		X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	3	3		
ORT TERM PAVEMENT MARKING REMOVAL	30 71	3632	3331	155		X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	1632	1632		
MPORARY PAVEMENT MARKING - LINE 4"- PAINT	F00T	76314	72835	3479								
						X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED	SQ YD	208			20
MPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	120	120				STRUCTURES					
LESCOPING STEEL SIGN SUPPORT	F00T	48	48			X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B	FOOT	17	17		
							(SPECIAL)					
BERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1171	1171									
						X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR	L SUM	1	1		
HERMOPLASTIC PAVEMENT MARKING - LINE 6"	F00T	120	120				21		~~~~	~~~~	·····	~~~
						Z0005010	HMA FOR PATCHING POTHOLES (COLD MIX)	TONS	40			
INT PAVEMENT MARKING - LINE 4"	FOOT	75143	71664	3479		I		L SUM	1			
IN THE	FFIC CONTROL AND PROTECTION, STANDARD 801 NGEABLE MESSAGE SIGN RT TERM PAVEMENT MARKING PORARY PAVEMENT MARKING REMOVAL PORARY PAVEMENT MARKING - LINE 4"- PAINT PORARY PAVEMENT MARKING - LINE 6"- PAINT ESCOPING STEEL SIGN SUPPORT RMOPLASTIC PAVEMENT MARKING - LINE 4" RMOPLASTIC PAVEMENT MARKING - LINE 6"	FFIC CONTROL AND PROTECTION, STANDARD L SUM 801 NGEABLE MESSAGE SIGN CAL DA RT TERM PAVEMENT MARKING FOOT PORARY PAVEMENT MARKING REMOVAL SO FT PORARY PAVEMENT MARKING - LINE 4"- PAINT FOOT ESCOPING STEEL SIGN SUPPORT FOOT RMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT RMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT RMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT RMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT	FFIC CONTROL AND PROTECTION, STANDARD L SUM 1 801 NGEABLE MESSAGE SIGN CAL DA 56 RT TERM PAVEMENT MARKING FOOT 11075 RT TERM PAVEMENT MARKING REMOVAL SO FT 3692 PORARY PAVEMENT MARKING - LINE 4"- PAINT FOOT 76314 PORARY PAVEMENT MARKING - LINE 6"- PAINT FOOT 120 ESCOPING STEEL SIGN SUPPORT FOOT 48 RMOPLASTIC PAVEMENT MARKING - 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LINE 4" - PAINT FOOT 120 120 120 ** **ESCOPING STELL SION SUPPORT FOOT 48 48 48 ** **ESCOPING STELL SION SUPPORT FOOT 1171 1171 1171 ** **REMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT 120 120 120 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 6" FOOT 120 120 120 ** **ENDPLASTIC PAVEMENT MARKING - LINE 6" FOOT 15143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 6" FOOT 15143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 6" FOOT 15143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 6" FOOT 15143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - LINE 4" FOOT 75143 71664 3479 ** **ENDPLASTIC PAVEMENT MARKING - 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/1\ KEVISED 1-2-2024

USER NAME = jessica,hille	DESIGNED -	REVISED -
	DRAWN -	REVISED _
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED _
PLOT DATE = 10/25/2023	DATE -	REVISED -

STATI	E 01	F ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

SCALE:

SHEET 3

SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
				328	(5,6)RS-1	CLAY	72	6		
								CONTRACT	NO. 74	4761
OF	4	SHEETS	STA.	TO STA.			ILLINOIS FED. A	ID PROJECT		