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SHEET NO. ITEM

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DETECTOR LOOP INSTALLATIONS

TYPICAL LAYOUT FOR DETECTOR LOOPS

886001-01

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

DESCRIPTION
STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
AREAS OF REINFORCEMENT BARS
DECIMAL OF AN INCH AND A FOOT
CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
PC CONCRETE ISLANDS AND MEDIANS
CORRUGATED PC CONCRETE MEDIANS
PERMANENT SURVEY MARKERS
OFF ROAD OPERATIONS, 2L, 2W, 15' TO EDGE OF PAVEMENT
OFF ROAD MOVING OPERATIONS-2L, 2W-DAY ONLY
LANE CLOSURE 2L2W-DAY ONLY
LANE CLOSURE 2L2W-DAY ONLY
LANE CLOSURE - MOVING OPERATIONS
LANE CLOSURE - MOVING OPERATIONS
LANE CLOSURE, FREEWAY/EXPRESSWAY
LANE CLOSURE, FREEWAY/EXPRESSWAY
LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
PARTIAL EXIT RAMP CLOSURE / FREEWAY
TRAFFIC CONTROL DEVICES
TYPICAL PAVEMENT MARKINGS
TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
PAVEMENT WELDED WIRE REINFORCEMENT STD NO. 000001-08 001001-02 001006 001006 606001-08 606301-04 606306-04 667101-02 701006-05 701011-04 701201-05 701301-04 701311-03 701316-13 701401-13 701401-13 701411-09 701456-05 701901-08 780001-05 781001-04 420001-10 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT CLASS C PATCHES
APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY 442101-09 701400-11

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES: AGGREGATE WEDGE SHOULDERS
BITUMINOUS MATERIALS (PRIME COAT)

HOT-MIX ASPHALT

GENERAL NOTES:

2.05 TONS/CU YD 0.10 GAL/SQ YD 112 LBS/SQ YD/INCH

THE WORK INCLUDED IN SECTION (0-2),(26-1K)RS CONSISTS OF BRIDGE REHABILITATION, CONCRETE PAVEMENT PATCHING, HMA RESURFACING, AGGREGATE SHOULDERS, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROJECT BEGINS 0.3 WEST OF I-70/US-40 INTERCHANGE AND EXTENDS EAST TO THE INTERSECTION OF US-40/IL-185. THE PROJECT ALSO EXTENDS TO NORTH AND SOUTH LIMITS OF THE STATE CONTROLLED PAVEMENT THE CARRIES US-40 OVER I-70 AND INCLUDES THE RAMPS AT THE I-70/US-40 INTERCHANGE.

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

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. 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.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON TOP OF THE HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 AT ALL CENTERLINE AND TURN LANE JOINTS. WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, PAINT SHALL BE USED ON MILLED SURFACES AND TEMPORARY TAPE SHALL BE USED ON SURFACE COURSE.

701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH

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	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			
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			
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			
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			

/i\ REVISED 11-2-2023

REV. - MS

USER NAME = jessica.hille	DESIGNED -	REVISED -		INDEX OF SHEETS, STANDARDS AND GENERAL NOTES						F.A.U RTF	SECTION	COUNTY	TOTAL	JIILLI
	DRAWN	REVISED _	STATE OF ILLINOIS	1140	LA OI OIILL	.10, 017	INDAILDO	AILD GEILE	INAL HOTEO	8413	(O-2),(26-1K)RS	FAYETTE	85	2
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80% FED 90% FED 90% FED 20% STATE 10% STATE 10% STATE URBAN

80% FED 90% FED 90% FED URBAN 20% STATE 10% STATE 10% STATE

			CON	STRUCTION TYPE	CODE		CUMMARY OF QUANTITIES			CON	STRUCTION TYPE	CODE
F QUANTITIES		TOTAL	0005	0047	0005		SUMMARY OF QUANTITIES		TOTAL	0005	0047	0005
TEM	UNIT	QUANTITIES	MAINLINE	STRUCTURE	I70 RAMPS	CODE NO	ITEM	UNIT	QUANTITIES	MAINLINE	STRUCTURE	I70 RAMPS
	SO YD	655		655		60624600	CORRUGATED MEDIAN	SO FT	1176	1176		
	EACH	12		12								
TURE	CU YD	16.1		16.1		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
G	SO YD	1090		1090		67000600	ENGINEER'S FIELD LABORATORY	CAL MO	3	3		
	SQ YD	1 365		1365		67100100	MOBILIZATION	L SUM	1	1		
TING STRUCTURAL STEEL	POUND	3250		3250		70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	2	2		
EPOXY COATED	POUND	2070		2070			701316					
EFOXT COATED	POUND	2010		2010		70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	4			4
	EACH	22		22			701411					
IP SEAL	FOOT	130		130		70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
ASSEMBLY, TYPE I	EACH	18		18	1 1	70100460	701201 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM] [}	
						70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1	\triangle	
	EACH	36		36			701401					
E CURB AND GUTTER, TYPE	FOOT	589	589			70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.5		0.5
							701456					
PE SB-6.06	SO FT	28678	28678			70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	2		
						70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
'E SB-6.	06	SO FT	06 S0 FT 28678	06 SO FT 28678 28678	06 S0 FT 28678 28678	06 S0 FT 28678 28678		SO FT 28678 28678 70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS 70107025 CHANGEABLE MESSAGE SIGN		70107025 CHANGEABLE MESSAGE SIGN CAL DA 28	70107025 CHANGEABLE MESSAGE SIGN CAL DA 28 28	

USER NAME = Jessica, hille	DESIGNED -	REVISED -
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PLOT DATE = 8/29/2023	DATE -	REVISED -

SCALE: