

**GENERAL NOTES**

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 16 IN SHELBY COUNTY, FROM JUST WEST OF AIRPORT ROAD TO EAST WASHINGTON STREET IN SHELBYVILLE. THE WORK INCLUDED IN SECTION (12)RS-7 CONSISTS OF PAVEMENT PATCHING, MILLING, BITUMINOUS RESURFACING, AGGREGATE SHOULDERS, PAVEMENT MARKING, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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 (PRIME COAT), LEVEL BINDER, AND BITUMINOUS 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.

NEW PAVEMENT MARKING SHALL BE APPLIED OVER EXISTING DETERIORATED PAVEMENT MARKING, IN THE WALMART INTERSECTION PAVING OMISSION (STA. 941+39 TO 965+32) AS DETERMINED BY THE RESIDENT ENGINEER. THIS WORK WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPROPRIATE PAVEMENT MARKING ITEM.

PROPOSED PAVEMENT MARKING, THROUGHOUT THE ENTIRE PROJECT, SHALL BE PLACED IN THE SAME LOCATIONS AS THE EXISTING PAVEMENT MARKING. ATTACHED STANDARDS SHALL ONLY BE USED AS A GUIDE AND TURN LANE TAPERS ARE TO BE AS SHOWN ON THE PLANS.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 397 2-WAY AMBER, 27 ONE WAY AMBER, AND 34 ONE WAY CRYSTAL.

AGGREGATE SHOULDERS, TYPE B SHALL BE USED FOR THE FIELD ENTRANCE LOCATED AT STATION 921+19 IN LIEU OF AGGREGATE SURFACE COURSE, TYPE B.

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

THE DETECTOR LOOP, TYPE 1 PAY ITEM IS INCLUDED FOR REPLACEMENT OF LOOPS EXPECTED TO BE DESTROYED BY MILLING. THE REPLACEMENT LOOPS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF THE SURFACE COURSE IN THE AREAS AFFECTED.

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 ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

BITUMINOUS MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

MANHOLES, VALVE VAULTS AND OTHER APPURTENCES EXPOSED BY THE HOT-MIX ASPHALT SURFACE REMOVAL SHALL BE TEMPORARILY RAMPED AS DIRECTED BY THE ENGINEER. THE INSTALLATION AND SUBSEQUENT REMOVAL OF TEMPORARY RAMPS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF HOT MIX ASPHALT SURFACE REMOVAL PAY ITEMS.

THE ALIGNMENT USED ON THE PLANS WAS TAKEN FROM PREVIOUSLY BUILT PROJECTS AND IS NOT A SURVEYED ALIGNMENT. IT IS TO BE USED ONLY AS A REFERENCE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	LEVEL BINDER	SURFACE COURSE
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	N/A	MIXTURE D

MIXTURE USE:	PAVEMENT PATCHING	INCIDENTAL HOT MIX ASPHALT SURFACING
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 50
MIXTURE COMPOSITION:	IL-19.0	IL-9.5
FRICTION AGGREGATE:	N/A	MIXTURE C

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE SHOULDERS	3.24 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4 LBS/SQ YD
HOT MIX ASPHALT	112 LBS/SQ YD/INCH

**INDEX OF SHEETS**

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2	INDEX OF SHEETS, LIST OF APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES
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33-34	TYPICAL APPLICATIONS OF PAVEMENT MARKING

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 34:

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
<del>630001-07</del>	STEEL PLATE BEAM GUARDRAIL
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
667101	PERMANENT SURVEY MARKERS
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >=45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >=45 MPH
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-02	URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTOR LOOPS

FILE NAME: es:\projects\74227d\shcover_74227.dgn	USER NAME: steffrank	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES</b>	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
		DRAWN: -	REVISED: -			325	(12)RS-7	SHELBY	34	2	
		CHECKED: -	REVISED: -			CONTRACT NO. 74227					
		DATE: -	REVISED: -								
				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				