

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TO	•	FAYETTE	20	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
• (26-0 & 26-1)RS-3, (26-2)RS-2				

**GENERAL NOTES**

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON I-70 FROM THE BOND/FAYETTE COUNTY LINE TO THE KASKASKIA RIVER EAST OF VANDALIA. THE WORK INCLUDED IN SECTION (26-0 & 26-1)RS-3, (26-2)RS-2 CONSISTS OF PAVEMENT PATCHING, BITUMINOUS SURFACE REMOVAL, BITUMINOUS RESURFACING, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS PROJECT.

DIRECTION INDICATOR BARRICADES SHALL BE USED IN THE LANE CLOSURE TAPERS AS OUTLINED IN THE SUPPLEMENTAL SPECIFICATION FOR SECTION 702.

IF EXISTING CONCRETE PATCHES ARE ENCOUNTERED THEY SHALL BE MILLED WITH THE ADJACENT BITUMINOUS SURFACE REMOVAL. NO ADDITIONAL PAYMENT WILL BE ALLOWED.

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.

PERMANENT PAVEMENT MARKING ON FAI 70 SHALL BE EPOXY PAVEMENT MARKING OR PREFORMED PLASTIC PAVEMENT MARKING OF THE SIZE AND TYPE SPECIFIED IN THE PAVEMENT MARKING SCHEDULE. THE QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" WAS COMPUTED TO ALLOW FOR THE PLACEMENT OF A CENTERLINE FOR THE LENGTH OF THE PROJECT. ALL PREFORMED PLASTIC PAVEMENT MARKING TYPE B SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF PREFORMED PLASTIC PAVEMENT MARKING TYPE A AS SPECIFIED IN ARTICLE 780.07(d) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 4" CONSISTS OF 109,139 FEET OF YELLOW AND 102,648 FEET OF WHITE.

THE TOTAL QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" CONSISTS OF 27,284 FEET OF WHITE.

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 8" CONSISTS OF 670 FEET OF WHITE.

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 18" CONSISTS OF 48 FEET OF WHITE.

THE RAISED REFLECTIVE PAVEMENT MARKERS PLACED ON FAI 70 SHALL BE PLACED AS DOUBLE MARKERS AS SHOWN ON STANDARD 781001-02. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 2,726 ONE-WAY CRYSTAL.

THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY 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.

STRUCTURES 026-0011 (EB) AND 026-0012 (WB) SHALL BE MILLED 1 1/2" AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR BITUMINOUS SURFACE REMOVAL 2".

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING BITUMINOUS CONCRETE SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.18 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE RAMPS.

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

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE QUANTITIES OF PATCHING ARE ESTIMATES ONLY AND THE FINAL QUANTITIES AND PATCH LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

LONGITUDINAL REINFORCEMENT BARS IN CLASS A PATCHES SHALL BE #5 BARS AT 4 1/4" SPACING.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE:	SURFACE COURSE (2")	PARTIAL DEPTH PATCHING
PG GRADE:	SBS PG 70-22	PG 64-22
RAP%:	0%	0%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 105	4% @ NDESIGN = 105
MIXTURE COMPOSITION:	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIXTURE D	N/A

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

POLYMERIZED BITUMINOUS CONCRETE	112 LBS/SQ YD/IN
PARTIAL DEPTH PATCHING	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GALLON/SQ YD
AGGREGATE PRIME COAT	4.00 LBS/SQ YD

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTION
5	RESURFACING & PAVEMENT MARKING SCHEDULES
6	PATCHING DETAIL AND SCHEDULE
7-18	PLAN SHEETS
19	AERIAL SPEED ZONE CHECKS
20	GUIDELINES FOR INTERSTATE PAVEMENT MARKING

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 20:

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001	AREAS OF REINFORCEMENT REBARS
442001-02	CLASS A PATCHES
701101-01	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE FREEWAY/EXPRESSWAY
701406-04	LANE CLOSURE FREEWAY/EXPRESSWAY DAY OPERATIONS ONLY FOR SPEEDS >=45 MPH
701411-03	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701426-02	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEEDS >=45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES  
&  
INDEX OF SHEETS**

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY