

INDEX OF SHEETS

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THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 25:

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAP ROUTE 116 (IL 130) IN CUMBERLAND COUNTY, FROM MARY LANE IN GREENUP TO THE JASPER COUNTY LINE. THE WORK INCLUDED IN SECTION (F-X)RS-1, (113,120)RS-1 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, AGGREGATE SHOULDERS, PAVEMENT MARKING, AND ANY 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), AND HOT-MIX ASPHALT 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" CONSISTS OF 55,490 FEET OF WHITE AND 19,844 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 4,181 FEET OF WHITE AND 1,458 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 24" CONSISTS OF 88 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 14 ONE-WAY AMBER AND 394 TWO-WAY AMBER.

THE EXISTING FIELD ENTRANCES HAVE 3' HOT-MIX ASPHALT APRONS ADJACENT TO THE EDGE OF PAVEMENT. THESE HOT-MIX ASPHALT APRONS SHALL BE OVERLAYED USING HOT-MIX ASPHALT SURFACE COURSE BY UTILIZING THE WIDTH EXTENSION ON THE PAVER AS IT PASSES THE FIELD ENTRANCES. THE HOT-MIX ASPHALT MATERIAL PLACED ON THE FIELD ENTRANCE APRONS SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE COURSE.

DURING RESURFACING OPERATIONS IN GREENUP THE CONTRACTOR SHALL NOT OPERATE ROLLERS IN THE DYNAMIC MODE. ALL DENSITY REQUIREMENTS WILL REMAIN THE SAME.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP. 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 ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

TEMPORARY TAPERS WILL BE REQUIRED AFTER THE BITUMINOUS SURFACE REMOVAL OPERATION HAS BEEN PERFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MAX. 2 FEET IN LENGTH) AT ENTRANCES IN GUTTER AND CURB, GUTTER AREAS, AND AREAS THAT HAVE BEEN MILLED 2 1/4". THIS WORK SHALL PAID FOR AS TEMPORARY RAMP PER SQ YD.

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

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

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

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT 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 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" ASSUMES USING TWO PASSES TO ALLEVIATE THE 2" LANE DIFFERENTIAL.

GENERAL NOTES (Cont'd)

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE (SOUTH OF STATION 479+30)	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	
MIXTURE COMPOSITION:	IL-9.5	
FRICTION AGGREGATE:	MIXTURE C	
MIXTURE USE:	LEVEL BINDER (SOUTH OF STATION 479+30)	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	
MIXTURE COMPOSITION:	IL-9.5	
FRICTION AGGREGATE:	N/A	
MIXTURE USE:	SURFACE COURSE (STA. 459+50 TO STA. 479+30)	
PG GRADE:	SBS PG 70-22	
DESIGN AIR VOIDS:	4% @ NDESIGN = 90	
MIXTURE COMPOSITION:	IL-9.5	
FRICTION AGGREGATE:	MIXTURE C	
MIXTURE USE:	LEVEL BINDER (STA. 459+50 TO STA. 479+30)	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90	
MIXTURE COMPOSITION:	IL-9.5	
FRICTION AGGREGATE:	N/A	
MIXTURE USE:	INCIDENTAL	HMA SHOULDERS
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	MIXTURE C	MIXTURE C
MIXTURE USE:	PAVEMENT PATCHING	PARTIAL DEPTH PATCHING
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-19.0	IL-19.0
FRICTION AGGREGATE:	N/A	N/A

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE SHOULDERS	2.05 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

• (F-X)RS-1, (113,120)RS-1

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS GENERAL NOTES	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwwork\pwwork\swartzrw\d0147989\d774	410-sh-t-index.dgn	DRAWN -	REVISED -			116		CUMBERLAND	25	2	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 74410					
	PLOT DATE = 1/20/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: NA	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.		