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THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 31:

STD. NO.	DESCRIPTION
00001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
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 AREA 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; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF MILLING AND OVERLAYING THE PAVEMENT WITH HOT-MIX ASPHALT TO CORRECT THE SUPERELEVATION ON A CURVE, HOT-MIX ASPHALT AND AGGREGATE SHOULDERS ADJACENT TO TWO CURVES, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 130 AT THE CURVE IN PARKERSBURG AND THE CURVE NORTHWEST OF PARKERSBURG IN RICHLAND COUNTY.

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), HOT-MIX ASPHALT BINDER COURSE, 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 700 FEET OF YELLOW AND 5,603 FEET OF WHITE.

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 71 TWO-WAY AMBER MARKERS AND 142 ONE-WAY CRYSTAL MARKERS. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AT 40' INTERVALS ALONG BOTH EDGE LINES AND CENTERLINE AT BOTH CURVES. REMOVAL OF EXISTING RAISED REFLECTIVE PAVEMENT MARKERS ON THE CURVE IN PARKERSBURG SHALL BE INCLUDED IN THE COST OF NEW RAISED REFLECTIVE PAVEMENT MARKERS.

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 PAY ITEMS.

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

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

GENERAL NOTES (Cont' d)

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

THE MATERIAL EXCAVATED FOR THE CONSTRUCTION OF THE HMA SHOULDERS SHALL BE REMOVED FROM THE PROJECT ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THE REMOVAL OF THE EXCAVATED MATERIAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT FOR EXCAVATING AND GRADING EXISTING SHOULDERS.

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 CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE RAMPS.

THE PAY ITEM HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL, SHALL INCLUDE ALL VARIABLE DEPTH COLD MILLING OF THE EXISTING PAVEMENT AT A DEPTH DETERMINED BY THE ENGINEER IN THE FIELD. HOT-MIX ASPHALT REMOVAL, SPECIAL, SHALL BE COMPLETED PRIOR TO ANY PAVEMENT PATCHING.

THE PAY ITEMS, CLASS D PATCHES, TYPE II, III, AND IV - 12", HAVE BEEN INCLUDED FOR THE CONSTRUCTION OF PAVEMENT PATCHING WHERE EXISTING PORTLAND CEMENT CONCRETE PAVEMENT IS MARRED DURING COLD MILLING OF THE SLOPE CORRECTION. ANY PORTLAND CEMENT CONCRETE PAVEMENT DISFIGURED DURING THE MILLING PROCESS SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH ARTICLE 442 OF THE STANDARD SPECIFICATIONS. THE MINIMUM WIDTH OF THE PAVEMENT PATCHES SHALL BE NO LESS THAN A FULL LANE WIDTH IN ORDER TO ENSURE PROPER SLOPE CORRECTION. THE TOP 2 INCHES OF ALL TYPE IV PATCHES SHALL BE PLACED WITH A HOT-MIX ASPHALT PAVER EQUIPPED WITH ELECTRONIC SLOPE CONTROL.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LEVEL BINDER (3/4")	
APPLICATION:	LEVELING BINDER (MACHINE METHOD) N70
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ DESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	N/A

SURFACE COURSE (1 1/2")	
APPLICATION:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ DESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIXTURE C

INCIDENTAL HMA	
APPLICATION:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ DESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIXTURE C

PAVEMENT PATCHING	
APPLICATION:	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ DESIGN = 70
MIXTURE COMPOSITION:	IL-19.0
FRICTION AGGREGATE:	N/A

HMA SHOULDERS	
APPLICATION:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ DESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	N/A

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

HOT MIX ASPHALT	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS PRIME COAT	0.10 GALLONS/SQ YD
AGGREGATE PRIME COAT	2.00 LBS/SQ YD
GRANULAR MATERIAL	2.05 TONS/CU YD