

GENERAL NOTES

THE PROPOSED PROJECT IS ON LERNA ROAD/OLD 316 AND BEGINS JUST NORTH OF IL 16, APPROXIMATELY 500 FEET SOUTH OF BUXTON DRIVE, AND ENDS JUST WEST OF 4TH STREET IN CHARLESTON PRIOR TO THE TURN LANE.

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 WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR OTHER ITEMS IN THE CONTRACT.

FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70, SS-1H, OR SS-1HP APPLIED AT THE RATE DIRECTED BY THE ENGINEER.

THE COST OF REMOVAL OF THE TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMP.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 31,255 FEET OF YELLOW AND 82,055 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 4" CONSISTS OF 3,146 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 6" CONSISTS OF 283 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 12" CONSISTS OF 70 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS CONSISTS OF 166 SQUARE FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 541 TWO-WAY AMBER, 47 ONE-WAY AMBER AND 6 ONE-WAY CRYSTAL.

SHORT-TERM PAVEMENT MARKING ON THE MILLED SURFACE SHALL BE PAINT. ALL OTHER SHORT-TERM PAVEMENT MARKINGS SHALL BE TAPE.

THE ACTUAL LOCATIONS AND QUANTITY OF PAVEMENT PATCHES SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

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

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

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

QUANTITIES OF BITUMINOUS CONCRETE SURFACE COURSE WERE CALCULATED USING THE FACTOR 112 LBS/SQ YD/INCH. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	SURFACE COURSE (1 1/2")	MIXTURE USE(S):	LEVEL BINDER (3/4")
AC/PG:	PG 64-22	AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:		MIXTURE COMPOSITION:	
(GRADATION MIXTURE)	IL-9.5	(GRADATION MIXTURE)	IL-9.5
FRICTION AGGREGATE:	MIXTURE C	FRICTION AGGREGATE:	N/A

MIXTURE USE(S):	INCIDENTAL SURFACE	MIXTURE USE(S):	CLASS D PATCHING (11" & 13")
AC/PG:	PG 64-22	AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:		MIXTURE COMPOSITION:	
(GRADATION MIXTURE)	IL-9.5	(GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	MIXTURE C	FRICTION AGGREGATE:	N/A

MIXTURE USE(S):	HOT-MIX ASPHALT SHOULDERS (8")
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 30
MIXTURE COMPOSITION:	
(GRADATION MIXTURE)	IL-19.0L
FRICTION AGGREGATE:	N/A

INDEX OF SHEETS

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

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001-08	STEEL PLATE BEAM GUARDRAIL
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
667101-01	PERMANENT SURVEY MARKERS
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
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
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