

GENERAL NOTES

THE PROPOSED PROJECT IS LOCATED ON ILL 32 IN MOULTRIE COUNTY. THE PROJECT BEGINS AT COUNTY ROAD 1200 N AND ENDS AT COUNTY ROAD 950 N. THE WORK INCLUDED IN SECTION (1,2)RS-3 CONSISTS OF PAVEMENT PATCHING, MILLING, LEVELING BINDER, HOT-MIX ASPHALT SURFACE COURSE, AGGREGATE SHOULDERS, BOX CULVERT REMOVAL/REPLACEMENT AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS 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 HOT-MIX ASPHALT ITEMS.

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.

AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

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, PRIMED SURFACE, LEVELING BINDER SURFACE 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 THE MILLED, PRIMED, AND LEVELING BINDER SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING - LINE 4 INCH CONSISTS OF 5,052 FEET OF YELLOW AND 25,126 FEET OF WHITE.

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

AGGREGATE (PRIME COAT) 4.0 LB/SQ YD  
 BIT MATLS (PRIME COAT) 0.1 GAL/SQ YD  
 BITUMINOUS CONCRETE 112 LBS/SQ YD/INCH

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

SURFACE

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

LEVELING BINDER

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

INCIDENTAL

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

PAVEMENT PATCHING

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

INDEX OF SHEETS

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2	INDEX OF SHEETS, GENERAL NOTES AND LIST OF APPLICABLE HIGHWAY STANDARDS
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5	ALIGNMENT, TIES AND BENCHMARKS
6-10	STREET LOCATION MAP
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12	SCHEDULES
13	ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAIL
14-18	BOX CULVERT REMOVAL AND REPLACEMENT DETAILS
19	STONE RIPRAP DETAIL
20-21	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 21

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
630001-08	STEEL PLATE BEAM GUARDRAIL
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
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