

GENERAL NOTES

THE PROPOSED PROJECT IS LOCATED ON US 45 AND LIES IN COLES COUNTY. THE PROJECT BEGINS ABOUT 65 FEET SOUTH OF COUNTY ROAD 250 NORTH AND EXTENDS NORTHWARDS TO RUDY AVENUE IN MATTOON. THE WORK INCLUDED IN SECTION (16-2,19X-2)RS-1,19B,19BR CONSISTS OF PAVEMENT PATCHING, MILLING, LEVELING BINDER, HOT-MIX ASPHALT SURFACE COURSE, AND AGGREGATE SHOULDERS THROUGH THE RURAL AREA. AN INLAY IS PROPOSED THROUGH THE CURB AND GUTTER SECTION. CULVERT REMOVAL AND REPLACEMENT OF SN 015-2006, A HOT-MIX ASPHALT OVERLAY FOR SN 015-0025 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.

HOT-MIX ASPHALT MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP. VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE CITY LIMITS OF MATTOON. DENSITY REQUIREMENTS, HOWEVER, WILL REMAIN AS SPECIFIED.

THE MAXIMUM ALLOWABLE DIFFERENTIAL IN ELEVATION BETWEEN ADJACENT OPEN TRAFFIC LANES SHALL BE 2 INCHES.

THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT THE 4" SURFACE COURSE ON SN 015-0025 IN 2 - 2" LIFTS.

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

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

ANY NECESSARY SEEDING ON THE PROJECT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 250 OF THE STANDARD SPECIFICATIONS FOR SEEDING, CLASS 2A. SEEDING CLASS 2A, NITROGEN FERTILIZER NUTRIENT, PHOSPHOROS FERTILIZER NUTRIENT, POTASSIUM FERTILIZER NUTRIENT AND MULCH SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES.

THE PAVEMENT MARKING QUANTITIES WERE OBTAINED FROM EXISTING CONDITIONS AS DETERMINED FROM FIELD MEASUREMENTS AND FROM EXISTING PLANS.

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, HOT-MIX ASPHALT 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 SURFACE.

THE TOTAL QUANTITY OF URETHANE PAVEMENT MARKING - LINE 4 INCH CONSISTS OF 44478 FEET OF YELLOW AND 43949 FEET OF WHITE.

THE TOTAL QUANTITY OF URETHANE PAVEMENT MARKING - LINE 6 INCH CONSISTS OF 5702 FEET OF WHITE.

THE TOTAL QUANTITY OF URETHANE PAVEMENT MARKING - LINE 12 INCH CONSISTS OF 705 FEET OF YELLOW AND 369 FEET OF WHITE.

THE TOTAL QUANTITY OF URETHANE PAVEMENT MARKING - LINE 24 INCH CONSISTS OF 574 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 USE OF VIBRATORY ROLLERS WILL NOT BE ALLOWED IN URBAN AREA (DUE TO VIBRATION PROBLEMS) BUT THE DENSITY REQUIREMENT WILL REMAIN THE SAME.

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 - 11/2"
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE MIX "D", N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

BINDER

MIXTURE USE: LEVEL BINDER - 3/4 "
 APPLICATION: LEVELING BINDER (MACHINE METHOD) N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: N/A

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

INCIDENTAL

MIXTURE USE: INCIDENTAL BITUMINOUS SURFACE (DRIVEWAYS)
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX"C" N50
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 50
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

SHOULDERS

MIXTURE USE: HOT-MIX ASPHALT SHOULDERS
 APPLICATION: HOT-MIX ASPHALT SHOULDERS, 2 1/4"
 PG GRADE: PG 58-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
 MIXTURE COMPOSITION: IL-19.0L
 FRICTION AGGREGATE: N/A

THE FOLLOWING MIXTURE REQUIREMENTS SHALL BE USED FOR THE BOX CULVERT REMOVAL AND REPLACEMENT OF SN 015-2023. THE BINDER AND SURFACE COURSES FOR THIS SECTION SHALL BE PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4".

BINDER

MIXTURE USE: BINDER COURSE, 12 1/4"
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION: N/A

SURFACE

MIXTURE USE: SURFACE COURSE - 11/2"
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE MIX "D", N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

THE FOLLOWING MIXTURE REQUIREMENT SHALL BE USED FOR SN 015-0025.

SURFACE

MIXTURE USE: SURFACE COURSE - 4"
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE MIX "D", N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			824	(16-2,19X-2)RS-1,19B,19BR	Coles	49	3	
		CHECKED -	REVISED -			CONTRACT NO. 74157					
		DATE -	REVISED -			SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.