

GENERAL NOTES

THE PROPOSED PROJECT IS LOCATED ON US 45 AND LIES IN COLES AND CUMBERLAND COUNTIES. THE PROJECT BEGINS ABOUT 0.2 MILES SOUTH OF ILLINOIS 121 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 STRUCTURE #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.

RAP SHALL BE USED TO ENSURE SHOULDER IS STABLE WHERE GUARDRAIL IS BEING INSTALLED. THIS WORK SHALL BE INCLUDED IN THE COST OF GUARDRAIL PAY ITEMS.

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

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

AT APPROXIMATE STATION 1141+20 RT THE FIELD ENTRANCE CONTAINS A SINGLE SPAN CONCRETE STRUCTURE OVER A LARGE DRAINAGE DITCH. THE CONCRETE BRIDGE SHALL BE REMOVED. THE MAIN ACCESS TO THE FIELD IS ON ETNA ROAD. ANY NECESSARY DITCH WORK AT THIS LOCATION SHALL BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES.

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, PHOSPHORUS 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 56957 FEET OF YELLOW AND 81913 FEET OF WHITE.

THE TOTAL QUANTITY OF URETHANE PAVEMENT MARKING - LINE 6 INCH CONSISTS OF 5872 FEET OF WHITE.

THE TOTAL QUANTITY OF URETHANE PAVEMENT MARKING - LINE 12 INCH CONSISTS OF 998 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 - 1 1/2"
 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

THE FOLLOWING MIXTURE REQUIREMENTS SHALL BE USED FOR THE 2-LANE SECTION SOUTH OF LAKELAND COLLEGE TO THE SOUTHERN END OF THE PROJECT.

BINDER

MIXTURE USE: LEVEL 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: N/A

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

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 - 1 1/2"
 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

• COLES/CUMBERLAND

FILE NAME =	USER NAME = swar-tzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwwork\pwwork\swar-tzrw\dms50699\shg\cover_74157.dgn		DRAWN -	REVISED -		824	(16-2,19X-2)RS-1,19B,19BR		52	3				
PLOT SCALE = 50.0000' / 1" IN.		CHECKED -	REVISED -		CONTRACT NO. 74157								
PLOT DATE = 10/17/2008		DATE -	REVISED -		SCALE: N/A	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			