

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAP ROUTE 828 (MONTROSE BLACKTOP) IN EFFINGHAM COUNTY, FROM THE CUMBERLAND COUNTY LINE EXTENDING SOUTH FOR 0.42 MILES TO US ROUTE 40 IN MONTROSE. THE WORK INCLUDED IN SECTION 12RS-1 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, GUARDRAIL REPLACEMENT, CURB AND GUTTER REPAIRS, PCC SIDEWALK, EARTHWORK, AGGREGATE SHOULDERS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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 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 SURFACE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 3,436 FEET OF WHITE AND 528 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 24" CONSISTS OF 20 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS CONSISTS OF 26 TWO-WAY AMBER MARKERS.

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

THE PAVEMENT AREA BENEATH STRUCTURES 025-0016 AND 025-0017 HAS POOR DRAINAGE. ESTIMATED QUANTITIES OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND AGGREGATE SUBGRADE IMPROVEMENT HAVE BEEN INCLUDED TO UNDERCUT ANY POOR SUBGRADE ENCOUNTERED BENEATH PATCHES AND AREAS OF AND CURB & GUTTER REMOVAL. REMOVAL OF THE AGGREGATE PLACED ADJACENT TO THE GUTTER FLAG BENEATH THE BRIDGES WILL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. THE PAY ITEM COMBINATION CURB AND GUTTER REMOVAL HAS BEEN INCLUDED TO REMOVE ANY DAMAGED/DETERIORATED COMBINATION CURB AND GUTTER. THE QUANTITY OF COMBINATION CURB AND GUTTER REMOVAL SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

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 PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

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

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED SOUTH OF THE EASTBOUND INTERCHANGE RAMPS. DENSITY REQUIREMENTS MUST STILL BE MET.

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 ITEMS.

THE CONTRACTOR SHALL USE EITHER RC-70, SS1H, OR SS-1HP, APPLIED AT THE RATE DIRECTED BY THE ENGINEER, FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: SURFACE COURSE (1 1/2") AND INCIDENTAL SURFACING (1 1/2")
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N90
 PG GRADE: SBS PG 70-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

MIXTURE USE: PAVEMENT PATCHING
 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 AGGREGATE: N/A

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SO YD
AGGREGATE (PRIME COAT)	4 LBS/SO YD
HOT-MIX ASPHALT	112 LBS/SO YD/INCH

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 1/27/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
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