

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 FAI ROUTE 57 (1-57) IN COLES COUNTY, FROM APPROXIMATELY ONE MILE NORTH OF ILLINOIS ROUTE 16 TO THE DOUGLAS COUNTY LINE. THE PROJECT LENGTH IS 10.8 MILES. THE WORK IN SECTION 15(21, 22, 23, 24, 25, 26)RS-4 INCLUDES PAVEMENT PATCHING, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT AND AGGREGATE SHOULDERS, VERTICAL ADJUSTMENT OF GUARDRAIL AND TRAFFIC BARRIER TERMINALS, 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 BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. EXCEPT TEMPORARY TAPE ONLY SHALL BE USED ON THE SURFACE COURSE AND HOT-MIX ASPHALT SHOULDERS.

THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS AS SHOWN ON STANDARD 781001. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 1551 ONE-WAY CRYSTAL.

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

THE CONTRACTOR SHALL CUT THE PERIMETER OF THE CLASS D PATCHES, 11 INCH WITH A CONCRETE SAW TO CUT THE REINFORCEMENT BARS BEFORE USING A WHEEL SAW.

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. 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 PER SQUARE YARD 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 LIFTS.

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.

IN ADDITION TO THE REQUIREMENTS FOR PORTABLE CHANGEABLE MESSAGE SIGNS IN ARTICLE 701.15(1), A LAPTOP COMPUTER SHALL ALSO BE SUPPLIED BY THE CONTRACTOR.

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.

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

REMOVAL OF THE STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS SHALL BE JUST PRIOR TO THE RESURFACING OPERATIONS STORAGE OF RAIL ELEMENTS, POSTS AND ANYOTHER HARDWARE, SHALL BE AT AN APPROVED LOCATION.

WHEN RE-ERECTING THE STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS, THE EXISTING MONTING HARDWARE MAY BE RE-USED, EXCEPT IF DAMAGED DURING THE REMOVAL OPERATION.

WHEN RE-ERECTING THE STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS, THE HEIGHT FROM THE TOP OF RAIL SHALL BE 34 INCHES (VERTICAL) FROM THE SHOULDER.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

BINDER COURSE (2 1/4")
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105
 PG GRADE: SBS PG 70-22
 RAP%:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: NA

SURFACE COURSE (1 1/2"), INCIDENTAL SURFACING (MAINLINE AND CROSS OVERS)
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105
 PG GRADE: SBS PG 70-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

HMA SHOULDERS (2 1/4")
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
 MIXTURE COMPOSITION: IL-19.0L
 FRICTION AGGREGATE: NA

HMA SHOULDERS (1 1/2")
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
 MIXTURE COMPOSITION: IL-9.5L
 FRICTION AGGREGATE: NA

PARTIAL DEPTH PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: NA

CLASS D PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: NA

ONCE THE FINAL SURFACE MIX IS PLACED ON THE HOT MIX ASPHALT SHOULDERS, THE LOCATIONS OF THE PIPE UNDERDRAIN OUTLETS SHALL BE RE-ESTABLISHED WITH A "T" PAINTED ON THE OUTSIDE EDGE OF THE SHOULDERS. THE COST OF RE-ESTABLISHING THE OUTLET LOCATIONS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAVEMENT MARKING.

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

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

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\swartzw\d0288358\077	560-shi-index.dgn	DRAWN -	REVISED -			57	.	Coles	48	3
	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -							
	PLOT DATE = 1/31/2012	DATE -	REVISED -		SCALE: NA					
					SHEET 1 OF 1 SHEETS	STA.				CONTRACT NO. 74560
										ILLINOIS FED. AID PROJECT