

**GENERAL NOTES**

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

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 48 IN DECATUR IN MACON COUNTY. THE PROJECT BEGINS AT PERSHING ROAD AND EXTENDS NORTH FOR 3.23 MILES TO CUNDIFF ROAD. THE WORK INCLUDED IN SECTION 58-64-1 RS, 126 RS-2 CONSISTS OF PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, CURB AND GUTTER REPAIRS, MEDIAN REMOVAL AND REPAIRS, PIPE UNDERDRAINS, SLOPEWALL REPAIRS, TRAFFIC SIGNAL WORK, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

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, BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT LEVELING BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. PAINT SHALL BE USED ON THE MILLED SURFACES AND TAPE SHALL BE USED ON THE SURFACE COURSE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 30074 FEET OF WHITE AND 30784 FEET OF YELLOW.

THE TOTAL QUANTITY OF INLAID PAVEMENT MARKING-LINE 6" CONSISTS OF 5770 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 24" CONSISTS OF 536 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS CONSISTS OF 1482 SQUARE FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 17 TWO-WAY AMBER, 22 ONE-WAY AMBER AND 554 ONE-WAY WHITE. ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE PROJECT LIMITS SHALL BE REMOVED PRIOR TO RESURFACING. ON THE BARE CONCRETE PAVEMENT, THE HOLE LEFT IN THE PAVEMENT AFTER REMOVING THE RAISED REFLECTIVE PAVEMENT MARKERS IN THE BARE CONCRETE SECTION SHALL BE FILLED WITH A MATERIAL ACCEPTABLE TO THE ENGINEER PRIOR TO ANY RESURFACING OPERATIONS. THE REMOVAL OF THE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS IN THE BARE CONCRETE SECTION AND FILLING OF THE HOLES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT.

DAMAGED COMBINATION CONCRETE CURB AND GUTTER NEEDS TO BE REMOVED AND REPLACED. THE COMBINATION CONCRETE CURB AND GUTTER TO BE REMOVED AND REPLACED IS PART OF A MEDIAN. THE PAY ITEMS CONCRETE MEDIAN SURFACE REMOVAL AND CONCRETE MEDIAN SURFACE, 4" HAVE BEEN INCLUDED FOR ANY MEDIAN SURFACE THAT MAY NEED TO BE REMOVED AND REPLACED IN ORDER TO COMPLETE THE CURB REPAIRS. THE MEDIAN SURFACE SHALL BE REMOVED TO THE LIMITS DETERMINED BY THE RESIDENT ENGINEER.

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

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.

**GENERAL NOTES (Cont'd)**

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.

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 THE SAME DEPTH AS THE HOT-MIX ASPHALT SURFACE REMOVAL. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE HOT-MIX ASPHALT LEVELING BINDER AND SURFACE COURSE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE: SURFACE COURSE (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: 1L-9.5  
 FRICTION AGGREGATE: MIXTURE D

MIXTURE USE: LEVELING BINDER  
 APPLICATION: LEVELING BINDER (MACHINE METHOD), N90  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: 1L- 9.5  
 FRICTION AGGREGATE: N/A

MIXTURE USE: HMA SHOULDERS (1 1/2"): EXISTING HMA SECTIONS  
 HMA SHOULDERS (WEDGES 2 1/2" TO 1 1/2"): EXISTING BARE CONCRETE SECTIONS  
 APPLICATION: HOT MIX ASPHALT SURFACE COURSE, MIX "C", N30  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30  
 MIXTURE COMPOSITION: 1L-9.5L  
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: CLASS D AND PARTIAL DEPTH PAVEMENT PATCHING  
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: 1L- 19.0  
 FRICTION AGGREGATE: N/A

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

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

|                                   |                    |
|-----------------------------------|--------------------|
| BITUMINOUS MATERIALS (PRIME COAT) | 0.10 GAL/SO YD     |
| AGGREGATE (PRIME COAT)            | 4 LBS/SO YD        |
| HOT-MIX ASPHALT                   | 112 LBS/SO YD/INCH |
| GRANULAR MATERIAL                 | 2.05 TONS/CU YD    |

|  |                             |            |           |   |                      |         |      |        |              |         |          |                  |                    |   |
|--|-----------------------------|------------|-----------|---|----------------------|---------|------|--------|--------------|---------|----------|------------------|--------------------|---|
| FILE NAME :<br>c:\p\work\p\p\st\staff\erik\00271850\07 | USER NAME :<br>staff\erik   | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES</b> |         |      |        | F.A.<br>RTE. | SECTION | COUNTY   | TOTAL<br>SHEETS  | SHEET<br>NO.       |   |
| Default  | 4537-shr-index.dgn          | DRAWN -    | REVISED - |   | SCALE: N/A           | SHEET 1 | OF 1 | SHEETS | STA.         | TO STA. | ILLINOIS | FED. AID PROJECT | 69                 | 3 |
|  | PLOT SCALE : 100.0000 / in. | CHECKED -  | REVISED - |   |                      |         |      |        |              |         |          |                  | CONTRACT NO. 74537 |   |
|  | PLOT DATE : 3/22/2013       | DATE -     | REVISED - |   |                      |         |      |        |              |         |          |                  |                    |   |

\* F.A.P. RTE. 712, F.A.U. RTE. 7464