

GENERAL NOTES

GENERAL

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
2. THIS PROJECT IS LOCATED ON FAP ROUTE 322 (US ROUTE 51) IN MACON COUNTY, AT THE INTERSECTION OF US 51 AND INTERSTATE 72. THE WORK INCLUDED IN SECTION (58-64HB-1) B-1 CONSISTS OF STRUCTURE REMOVAL AND REPLACEMENT, PAVEMENT REMOVAL AND REPLACEMENT, HOT-MIX ASPHALT RESURFACING, AGGREGATE SHOULDER, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.
3. 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 BINDER, 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 SURFACES.

THE TOTAL QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 4,922 FEET OF YELLOW AND 5,065 FEET OF WHITE.

THE TOTAL QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING-LINE 6" CONSISTS OF 953 FEET OF WHITE.

THE TOTAL QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING-LINE 8" CONSISTS OF 1,576 FEET OF WHITE.
4. THE RAISED REFLECTIVE PAVEMENT MARKERS PLACED SHALL BE PLACED AS DOUBLE MARKERS AS SHOWN ON STANDARD 781001. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 87 ONE-WAY CRYSTAL.
5. CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO WITHIN EXISTING RIGHT-OF-WAY LIMITS.
6. ALL ELEVATIONS ARE BASED ON VERTICAL CONTROL PROVIDED BY DISTRICT 7.
7. HORIZONTAL DATUM BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM.
8. THE COST OF BARRICADES, TYPE III USED DURING STAGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION-STAGE 1, STAGE 2, AND STAGE 3.
9. THE PAY ITEM "CHANGEABLE MESSAGE SIGN" HAS BEEN ADDED TO THE PLANS FOR TRAFFIC CONTROL LOCATED ON US 51 AND I-72. THE TWO CHANGEABLE MESSAGE SIGNS ON US 51 ARE PAID FOR PER CALENDAR MONTH AND THE TWO CHANGEABLE MESSAGE SIGNS LOCATED ON I-72 ARE INCLUDED WITH STANDARD 701400 FOR THE I-72 CLOSURE. TWO CHANGEABLE MESSAGE SIGNS, ONE ON US 51 AND ONE ON I-72 ARE PAID FOR PER CALENDAR MONTH FOR INFORMATION CONCERNING RAMP CLOSURES DURING STAGE III.
10. PER SPECIAL PROVISION "TRAFFIC CONTROL PLAN", THE WET REFLECTIVE STAGING PAVEMENT MARKING IS INCLUDED WITH THE STANDARD. ADDITIONAL TAPE REQUIRED DUE TO NORMAL WEAR SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.
11. EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.
12. THE CONTRACTOR SHALL USE RC-70, SSIH, OR SSIHP, APPLIED AT THE RATE DIRECTED BY THE ENGINEER, FOR PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).
13. THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.
14. 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.
15. THE RESIDENT ENGINEER SHALL BE THE SOLE AUTHORITY CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
16. 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.
17. 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.
18. 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

19. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

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

APPLICATION: POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90
 PG GRADE: SBS PG 70-22
 DESIGN AIR VOIDS: 4.0% @ Ndesign = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 58-22
 DESIGN AIR VOIDS: 4.0% @ Ndesign = 30
 MIXTURE COMPOSITION: IL-19.0L
 FRICTION AGGREGATE: N/A

UTILITIES - LOCATIONS/INFORMATION ON PLANS

UNLESS NOTED OTHERWISE, THE LOCATIONS OF EXISTING SEWERS, ELECTRIC POWER LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. THESE LOCATIONS ARE NOTED THOROUGHOUT THE PLAN AND PROFILE SHEETS AND ON CROSS SECTION SHEETS. UNLESS ELEVATIONS ARE SHOWN - ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON ASSUMED MINIMUM DEPTHS AS REQUIRED BY NORMAL CONSTRUCTION PRACTICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

DRAINAGE DURING STAGING

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING THE VARIOUS STAGES OF CONSTRUCTION. ALL ITEMS SHOWN IN THE PLANS WILL BE PAID FOR AS NOTED. ANY OTHER TEMPORARY ITEMS (LABOR AND/OR MATERIALS) DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

STAGING AREA & SEEDING

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER ON LOCATION OF STAGING AREAS FOR DELIVERY OF MATERIALS, LABOR PARKING, OR EQUIPMENT STORAGE. THE CONTRACTOR IS REQUIRED TO RESTORE STAGING AREAS OR ANY OTHER DISTURBED AREA THAT IS BEYOND THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS BACK TO ITS ORIGINAL CONDITION. CLASS II SEEDING WITH EROSION PROTECTION AS DIRECTED BY THE ENGINEER WILL BE REQUIRED FOR RESTORATION OF THESE AREAS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE TOTAL COST OF THE PROJECT.

SIGNAGE

ROUTE SIGNS CAN BE PICKED UP AT THE DISTRICT 7 SIGN SHOP AT THE EFFINGHAM WEST YARD, LOCATED WEST OF EFFINGHAM ON US ROUTE 40. THE CONTRACTOR SHOULD CONTACT THE SIGN SHOP AT LEAST 7 DAYS IN ADVANCE OF NEEDING SIGNS. CONTACT THE SIGN SHOP AT (217) 342-8284 TO COORDINATE.

COMMITMENTS

NO COMMITMENTS

COORDINATION

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ROUTE SIGNS, SPEED LIMIT SIGNS, ETC. THE COST IS INCLUDED IN THE COST OF TRAFFIC CONTROL PAY ITEMS

HIGHWAY STANDARDS

- 000001 - 05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001 - 02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001 - 05 TEMPORARY EROSION CONTROL SYSTEMS
- 420001 - 07 PAVEMENT JOINTS
- 420701 - 02 PAVEMENT FABRIC
- 421001 - 02 BAR REINFORCEMENT FOR CRC PAVEMENT
- 421101 - 07 24' (7.2 M) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
- 482006 - 03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
- 515001 - 03 NAME PLATE FOR BRIDGES
- 601001 - 03 SUB-SURFACE DRAINS
- 601101 - 01 CONCRETE HEADWALL FOR PIPE DRAIN
- 606001 - 04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301 - 04 PC CONCRETE ISLANDS AND MEDIANS
- 630001 - 08 STEEL PLATE BEAM GUARDRAIL
- 630201 - 06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301 - 05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011 - 06 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631026 - 05 TRAFFIC BARRIER TERMINAL, TYPE 5
- 631031 - 08 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001 - 01 DELINEATORS
- 635006 - 03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011 - 02 REFLECTOR MARKER AND MOUNTING DETAILS
- 701101 - 02 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106 - 02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701400 - 04 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401 - 05 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406 - 05 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411 - 06 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701421 - 02 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
- 701426 - 03 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
- 701451 - 01 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701456 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701901 - 01 TRAFFIC CONTROL DEVICES
- 704001 - 06 TEMPORARY CONCRETE BARRIER
- 720001 - 01 SIGN PANEL MOUNTING DETAILS
- 720006 - 02 SIGN PANEL ERECTION DETAILS
- 720011 - 01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 729001 - 01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
- 731001 - 01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001 - 02 TYPICAL PAVEMENT MARKINGS
- 781001 - 03 TYPICAL APPLICATIONS RAISE REFLECTIVE PAVEMENT MARKERS
- 836001 LIGHT POLE FOUNDATION

4/20/01 - 08

FILE NAME =	USER NAME = jheger	DESIGNED - MLS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Pr\080276\US 51 over I-72\4-CADD\4.2-TR	SHEETS\0774387-ahg-gemotav.dgn	DRAWN -	REVISED -			322	(58-64HB-1B-1	MACON	149	2
	PLOT SCALE = 20.0000' / in.	CHECKED - SJK	REVISED -			US ROUTE 51			CONTRACT NO. 74387	
	PLOT DATE = 3/12/2010	DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

Rev.