

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		MACON	31	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (101)RS-3, 101B-1				

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED BY JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND THE "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 121 IN MACON COUNTY, FROM DALTON CITY TO MOUNT ZION. THE WORK INCLUDED IN SECTION (101)RS-3, 101 B-1 CONSISTS OF BOX CULVERT REPLACEMENT, PIPE CULVERT PLACEMENT, PAVEMENT PATCHING, MILLING, HOT MIX ASPHALT RESURFACING, AGGREGATE SHOULDERS, PAVEMENT MARKING, AND 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, BITUMINOUS MATERIALS (PRIME COAT), LEVEL BINDER, AND HOT MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE BINDER AND SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACE.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4 INCH CONSISTS OF 7865 FEET OF YELLOW AND 45275 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 283 TWO-WAY AMBER.

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

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

ANY EARTHWORK REQUIRED TO MAINTAIN FLOW SHALL BE INCLUDED IN THE COST OF THE BOX CULVERT AND PIPE CULVERT.

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. ALL PATCHING OPERATIONS SHALL BE COMPLETED BEFORE ANY MILLING OPERATIONS BEGIN.

BITUMINOUS MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: PAVEMENT PATCHING - OVER BOX CULVERT
 PG GRADE: PG 64-22
 RAP %: 15% Max.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: PAVEMENT PATCHING - CLASS D - 12"
 PG GRADE: PG 64-22
 RAP %: 15% Max.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: LEVEL BINDER - 3/4"
 PG GRADE: PG 64-22
 RAP %: 15% Max.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: N/A

MIXTURE USE: SURFACE COURSE - 1-1/2"
 PG GRADE: PG 64-22
 RAP %: 10% Max.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: Mixture D

MIXTURE USE: INCIDENTAL HOT MIX ASPHALT (DRIVEWAYS)
 PG GRADE: PG 64-22
 RAP %: 15% Max.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 50
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: Mixture C

MIXTURE USE: BASE COURSE WIDENING
 PG GRADE: PG 64-22
 RAP %: 15% Max.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: SHOULDER STABILIZATION FOR GUARDRAIL
 PG GRADE: PG 58-22
 RAP %: Up to 50% Max.
 DESIGN AIR VOIDS: 2.0% @ Ndesign = 30
 MIXTURE COMPOSITION: N/A
 FRICTION AGGREGATE: N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN 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/SQ YD
AGGREGATE (PRIME COAT)	4	LBS/SQ YD
INCIDENTAL HOT MIX ASPHALT	112	LBS/SQ YD/INCH
HOT-MIX ASPHALT		2.016 TONS/CU YD

INDEX OF SHEETS

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1	COVER SHEET
2	GENERAL NOTES & INDEX OF SHEETS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS & BUTT JOINT DETAILS
6	SCHEDULES
7	ENTRANCE SCHEDULE
8-22	PLAN SHEETS
23-24	STAGE CONSTRUCTION SHEETS
25-30	BOX CULVERT DETAILS
31	CULVERT DETAILS

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201	MAILBOX TURNOUT
442201-02	CLASS C AND D PATCHES
515001-02	NAME PLATE FOR BRIDGES
542306-01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLAED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION
602301-01	INLET, TYPE A
604001-02	FRAME AND LIDS, TYPE 1
630001-07	STEEL PLATE BEAM GUARDRAIL
630101-07	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
667101	PERMANENT SURVEY MARKERS
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY
701311-02	LANE CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY
701321-08	LANE CLOSURE, 2L, 2W BRIDGE REPAIR BARRIER
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
704001-03	TEMPORARY CONCRETE BARRIER
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PLOT DATE = 2/13/2007
 FILE NAME = G:\proj\74225\Autoconvr-74225.dgn
 PLOT SCALE = 1/1" = 1/1" IN
 USER NAME = tsatigok

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES AND INDEX OF SHEETS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____