

5/19/2006
c:\projects\74161\d\03406pa.dgn

CONTRACT NO. 74161

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116		RICHLAND	43	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• (123Z, 124Z)TS-2,RS-3

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THE WORK INCLUDED IN THIS SECTION (123Z, 124Z)TS-2,RS-3 CONSISTS OF BITUMINOUS SURFACE REMOVAL, BITUMINOUS RESURFACING, PAVEMENT MARKING, UPGRADING OF TRAFFIC SIGNALS AND ANY OTHER INCIDENTAL WORK NECESSARY TO COMPLETE THE SECTION.

TEMPORARY BITUMINOUS TAPERS WILL BE REQUIRED AFTER THE BITUMINOUS SURFACE REMOVAL OPERATION HAS BEEN PERFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY BITUMINOUS TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MIN. 2 FEET IN LENGTH) AROUND ALL EXISTING MANHOLES, HANDHOLES, VALVE BOXES, AND ANY OTHER APPURTENCES IN THE PAVEMENT. THE MATERIAL SHALL BE A BITUMINOUS MIXTURE AS APPROVED BY THE ENGINEER.

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, LEVEL BINDER AND BITUMINOUS SURFACE COURSE. TEMPORARY TAPE SHALL BE USED ON THE LEVEL BINDER AND SURFACE COURSE AND PAINT SHALL BE USED ON THE MILLED SURFACE. THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS CONSISTS OF 920 SQ FT OF WHITE, THERMOPLASTIC PAVEMENT MARKING, LINE 4" CONSISTS OF 12933 FT. OF YELLOW, THERMOPLASTIC PAVEMENT MARKING, LINE 6" CONSISTS OF 4226 FT. OF WHITE, THERMOPLASTIC PAVEMENT MARKING, LINE 12" CONSISTS OF 143 FT. OF YELLOW, THERMOPLASTIC PAVEMENT MARKING, LINE 24" CONSISTS OF 357 FT. OF WHITE, EPOXY PAVEMENT MARKING, LETTERS AND SYMBOLS, 83 SQ FT OF WHITE, EPOXY PAVEMENT MARKING, LINE 6", 275 SQ FT OF WHITE, EPOXY PAVEMENT MARKING, LINE 24" CONSISTS OF 38 SQ FT OF WHITE.

FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.

ALL AREAS DISTURBED WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 2.

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 FOLLOWING BITUMINOUS CONCRETE MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT.

MIXTURE USE(S): BINDER COURSE
AC/PG: PG 64-22
RAP%: (MAX) 10%
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

MIXTURE USE(S): SURFACE COURSE
AC/PG: SBS PG 70-22
RAP%: (MAX) 0%
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: NA

MIXTURE USE(S): INCIDENTAL BITUMINOUS SURFACE
AC/PG: PG 64-22
RAP%: (MAX) 10%
DESIGN AIR VOIDS: 4% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: Mixture C

MIXTURE USE(S): PAVEMENT PATCHING
AC/PG: PG 64-22
RAP%: (MAX) 15%
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES & INDEX OF SHEETS
3-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS
8	SCHEDULES
9	ENTRANCE SCHEDULE
10-19	PLAN SHEETS
20-30	PAVEMENT MARKING SHEETS
31	TRAFFIC SIGNAL GENERAL NOTES AND DETAILS
32-40	TRAFFIC SIGNAL SHEETS
41-43	BORING LOGS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NUMBER 42

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-04	CURB RAMPS FOR SIDEWALKS
442101-05	CLASS B PATCHES
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701306-01	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION
701501-03	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701502-01	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIUM
701602-02	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM
701701-04	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720016-01	MAST ARM MOUNTED STREET NAME SIGNS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001	CONCRETE HANDHOLES
814006	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001	TRAFFIC SIGNAL GROUNDING
877001-02	STEEL MAST ARM ASSEMBLY AND POLE
877011-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-04	CONCRETE FOUNDATION DETAILS
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886006	TRAFFIC LAYOUTS FOR DETECTION LOOPS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
&
INDEX OF SHEETS**

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

PLOT DATE = 5/19/2006
FILE NAME = 03406pa.dgn
SCALE = 1"=40'
USER NAME = gsub901