steffenmk
3/31/2005
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GEN/NDX

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(18,19,20) RS-2	CRAWFORD	21	2
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT NO.		

CONTRACT NO. 94944

GENERAL NOTES

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 1 IN CRAWFORD COUNTY, FROM THE CRAWFORD/LAWRENCE COUNTY LINE TO THE INTERSECTION AT GORDON JUNCTION. THE WORK INCLUDED IN SECTION (18-19-20) RS-2 CONSISTS OF PAVEMENT PATCHING, MILLING, BITUMINOUS 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 BITUMINOUS 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 PAINT PAVEMENT MARKING-LINE 4 INCH CONSISTS OF 33031 FEET OF YELLOW AND 112210 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 6 INCH CONSISTS OF 170 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 24 INCH CONSISTS OF 96 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 728 TWO-WAY AMBER AND 7 ONE-WAY CRYSTAL.

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

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

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.

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:	LEVEL BINDER	SURFACE COURSE
PG GRADE:	PG 64-22	PG 64-22
RAP%:	15%	15%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	N/A	MIXTURE C

MIXTURE USE:	PAVEMENT PATCHING	INCIDENTAL BITUMINOUS SURFACE
PG GRADE:	PG 64-22	PG 64-22
RAP%:	25%	15%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 50
MIXTURE COMPOSITION:	IL-19.0	IL-9.5
FRICTION AGGREGATE:	N/A	MIXTURE C

MIXTURE USE:	POLYMER LEVEL BINDER	POLYMER SURFACE COURSE
PG GRADE:	SBS PG 70-22	SBS PG 70-22
RAP%:	0%	0%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	N/A	MIXTURE D

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
BITUMINOUS CONCRETE	112 LBS/SQ YD/INCH

SHORT TERM PAVEMENT MARKINGS ON MILLLED SURFACE SHALL BE PAINT.

THE USE OF VIBRATORY ROLLERS WILL NOT BE ALLOWED IN URBAN AREA (DUE TO VIBRATION PROBLEMS) BUT THE DENSITY REQUIREMENT WILL REMAIN THE SAME.

THE CONTRACTOR WILL PROVIDE INTERNET ACCESSIBILITY 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.

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

ALL EARTHWORK AND SEEDING SHALL BE INCLUDED IN THE COST OF PIPE CULVERTS, CLASS D TYPE 2 18", (STATION 822+50 RT). THE EARTHWORK SHALL BE SLOPED FROM EXISTING GRADE TO THE NEW END SECTION OF THE PIPE CULVERT EXTENTION.

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-6	TYPICAL SECTIONS AND DETAILS
7	PAVING SCHEDULE AND PAVEMENT MARKING SCHEDULE
8	ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAIL
9-18	PLAN SHEETS
19	PAVEMENT MARKINGS AT RAILROAD HIGHWAY GRADE CROSSING
20-21	TYPICAL APPLICATION OF PAVEMENT MARKINGS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 21:

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-01	CLASS C AND D PATCHES
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15 FT. TO 24 IN. FROM PAVEMENT EDGE
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-01	OFF-RD OPERATIONS, MULTILANE LESS THAN 15' AWAY FOR SPEEDS>= 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >=45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >=45 MPH
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & INDEX OF SHEETS

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY