

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	*	CRAWFORD	37	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; 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 33 IN CRAWFORD COUNTY FROM THE INDIANA RAILROAD IN PALESTINE FOR 12.5 MILES SOUTH TO THE LAWRENCE COUNTY LINE. THE WORK INCLUDED IN SECTION (102Z, 108Z, 108)RS-2 CONSISTS OF PAVEMENT PATCHING, MILLING, BITUMINOUS RESURFACING, AGGREGATE SHOULDER WEDGE, PAVEMENT MARKING, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE CONTRACTOR WILL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT 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 HOT-MIX ASPHALT ITEMS.

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), 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 THERMOPLASTIC PAVEMENT MARKING- LINE 4" CONSISTS OF 3,625 FEET OF YELLOW AND 15,484 FEET OF WHITE. THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING- LINE 24" CONSISTS OF 33 FEET OF WHITE AND 61.2 SQ FOOT OF WHITE FOR THE RAILROAD CROSSING STOP BARS AND LETTERS AND SYMBOLS. THESE QUANTITIES ARE AND IS LOCATED WITHIN THE LIMITS OF PALESTINE

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 63,892 FEET OF YELLOW AND 114,060 FEET OF WHITE AND IS LOCATED IN RURAL SECTION OF THE PROJECT.

THE TOTAL QUANTITY OF TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS IS 964 EACH. IN PALESTINE FROM STATION 185+00 TO STATION 10+50 AND FROM STATION 138+00 TO 2+00 THE RAISED REFLECTIVE PAVEMENT MARKER PLACEMENT SHALL BE DOUBLE AT 40 FOOT SPACING AND IN ALL OTHER LOCATIONS THE PLACEMENT SHALL BE SINGLE AT 80 FOOT SPACING.

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

THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING AND PROTECTING A P-K NAIL THAT IS LOCATED IN THE NORTHWEST CORNER OF THE SOUTHWEST 1/4 OF SECTION 31 IN CRAWFORD COUNTY, ALONG THE CENTERLINE OF ILLINOIS ROUTE 33 AT STATION 151+82.4. THIS WORK WILL BE PAID FOR AS PER EACH FOR FURNISHING AND INSTALLING PROPERTY MARKERS IN SPECIFIED IN THE SPECIAL PROVISIONS.

THE OPERATIONS BUREAU OF IDOT IS REQUIRING SALVAGE OF APPROXIMATELY 1000 TON OF THE HOT-MIX ASPHALT SURFACE MILLINGS FROM THIS PROJECT. THE HOT-MIX ASPHALT SURFACE MILLINGS MILLED FROM THE BEGINNING OF THE PROJECT AT STATION 176+86 TO STATION 2+05, WHICH INCLUDES BOTH TRAFFIC LANES OF APPROXIMATELY 4425 FEET IN LENGTH, SHALL BE DELIVERED TO THE FOLLOWING LOCATIONS. ONE HALF OF THE MILLINGS SHALL BE DELIVERED TO THE EAST EDGE OF PALESTINE, AT THE END OF FRANKLIN STREET ON STATE ROW, AND THE OTHER HALF OF THE MILLINGS SHALL BE DELIVERED TO THE IDOT LAWRENCEVILLE YARD LOCATED 1 1/2 MILE NORTH OF ROUTE 50 ON ILLINOIS ROUTE 1, THEN 1/4 MILE EAST ON COUNTY ROAD 1300N. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING OPERATIONS FIELD ENGINEER, CHRIS SMITH AT THE DISTRICT 7 IDOT OFFICE AT (217)-342-3951 TO ARRANGE DELIVERY OF THE MILLINGS. THIS WORK IS INCLUDED IN THE PAY ITEM HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" AND SHALL INCLUDE ALL EQUIPMENT AND LABOR FOR THE LOADING AND UNLOADING OF THE MILLINGS, AND ALL TRANSPORTATION COST.

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

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 THICKNESS OF THE PAVEMENT THAT IS TO BE PATCHED IS 12 INCHES.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE: SURFACE COURSE
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
 PG GRADE: PG 64-22
 RAP%: 10% MAX.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: PAVEMENT PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 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: INCIDENTAL HOT-MIX ASPHALT SURFACE (DRIVEWAYS)
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N70
 PG GRADE: PG 64-22
 RAP%: 10% MAX.
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE 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.
HOT-MIX ASPHALT	112 LBS./SQ. YD./INCH

INDEX OF SHEETS

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7	ENTRANCE SCHEDULE & MAILBOX TURNOUT DETAIL
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10	PATCHING AND PAVEMENT MARKING SCHEDULE
11	BUTT JOINT DETAIL, HOT-MIX ASPHALT TRANSITION AND MILLING DETAILS
12	PAVEMENT MARKINGS AT RAILROAD HIGHWAY CROSSING DETAIL
13-14	PAVEMENT MARKING DETAILS
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THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 37.

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
406201	MAILBOX TURNOUT
442101-06	CLASS B PATCHES
442201-02	CLASS C AND D PATCHES
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-01	OFF-RD OPERATIONS, 2L, 2W, 15 FT. MIN. AWAY, FOR SPEEDS >=45 MPH
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15 FT. TO 2 FT. AWAY, FOR SPEEDS >=45 MPH
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, ON ROAD TO 2 FT. OFF ROAD, FOR SPEEDS >=45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT-TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING DAY ONLY OPERATIONS, FOR SPEEDS >=45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING DAY ONLY OPERATIONS
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >=45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PLOT DATE * DATE *
 PLOT NAME * FILE *
 PLOT NUMBER * USER *
 PLOT SCALE * USER *

Rev. 5-30-07

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

SCALE: VERT. _____
 DATE: _____ HORIZ. _____

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	*	CRAWFORD	37	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (102Z, 108Z, 1018)RS-2				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			801.FED. 201.STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000		
20400800	FURNISHED EXCAVATION	CU YD	60.4	60.4		
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.07	0.07		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	182	182		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	16152	16152		
40600300	AGGREGATE (PRIME COAT)	TON	322	322		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	293	293		
40600990	TEMPORARY RAMP	SQ YD	73	73		
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	13569	13569		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	25	25		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	83225	83225		
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	78005	78005		
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	556	556		
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	1274	1274		
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	216	216		
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	202	202		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2459	2459		
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	175	175		
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4		
63200310	GUARDRAIL REMOVAL	FOOT	60	60		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	19836	19836		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	197,062	197,062		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	67892	67892		
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	57.6	57.6		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19109	19109		
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	33	33		
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	177952	177952		
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	964	964		

SUMMARY OF QUANTITIES			801.FED. 201.STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
NP X0320882	GUTTERS TO BE CLEANED	FOOT	11107	11107		
70025500	FURNISHING AND INSTALLING PROPERTY MARKERS	EACH	1	1		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

NP=NON-PARTICIPATING
*SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.
DATE: HORIZ.

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