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 GN&I

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.

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 130 IN JASPER COUNTY FROM EDWARDS STREET IN NEWTON FOR 10.23 MILES SOUTH TO THE RICHLAND COUNTY LINE. THE WORK INCLUDED IN SECTION (121RS-3, & 122RS-4) 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 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.

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" CONSISTS OF 15657 FEET OF YELLOW AND 106311 FEET OF WHITE.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 6" CONSISTS OF 400 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 688 TWO-WAY AMBER.

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

ANY EXCAVATION REQUIRED TO CONSTRUCT BITUMINOUS SHOULDERS 8" SHALL BE INCLUDED IN THE COST OF PAVED SHOULDER REMOVAL.

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

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.18 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE: SURFACE COURSE
 APPLICATION: BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE
 PG GRADE: PG 64-22
 RAP%: 15%
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: LEVEL BINDER SUPERPAVE
 APPLICATION: LEVEL BINDER MACHINE METHOD SUPERPAVE
 PG GRADE: PG 64-22
 RAP%: 15%
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: N/A

MIXTURE USE: PAVEMENT PATCHING
 APPLICATION: BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE
 PG GRADE: PG 64-22
 RAP%: 25%
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: BITUMINOUS SHOULDERS SUPERPAVE
 APPLICATION: BITUMINOUS SHOULDERS SUPERPAVE, 6 INCH COURSE SUPERPAVE
 PG GRADE: PG 64-22
 RAP%: 25%
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: INCIDENTAL BITUMINOUS SURFACE (DRIVEWAYS)
 APPLICATION: INCIDENTAL BITUMINOUS SURFACING SUPERPAVE
 PG GRADE: PG 64-22
 RAP%: 15%
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 50
 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.
BITUMINOUS CONCRETE	112 LBS./SQ. YD/INCH

FAP ETC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	121RS-3 122RS-4	JASPER	31	2

CONTRACT NO. 94867

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	ENTRANCE SCHEDULE & MAILBOX TURNOUT DETAIL
7	RESURFACING AND PAVEMENT MARKING SCHEDULE
8	BUTT JOINT DETAIL & BITUMINOUS FEATHER DETAIL
9	PAVEMENT MARKING SCHEDULES & PATCHING DETAILS
10	PAVEMENT MARKING DETAILS AT ST. MARIE ROAD
11-12	PAVEMENT MARKING DETAILS
13-31	PLAN SHEETS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 31.

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001	AREAS OF REINFORCEMENT BARS
406201	MAILBOX TURNOUT
442101-05	CLASS B PATCHES
442201-01	CLASS C AND D PATCHES
482006-01	BITUMINOUS SHOULDER ADJACENT TO RIGID PAVEMENT
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
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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
&
INDEX OF SHEETS**

SCALE: VERT.
HORIZ.
DATE

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