

GENERAL NOTES

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 121 IN CUMBERLAND COUNTY, FROM JUST WEST OF THE TOLEDO SQUARE TO SOUTH OF CUMBERLAND STREET IN GREENUP. THE WORK INCLUDED IN SECTION 110RS-1, (111, 111X)RS-2, F-ZRS-1 CONSISTS OF 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 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 FINAL PAVEMENT MARKING FOR PARKING LANES AROUND THE TOLDEO SQUARE SHALL BE PLACED IN THE EXACT LOCATION AS EXISTING PAVMENT MARKINGS AS DETERMINED BY THE ENGINEER.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 22926 FEET OF YELLOW AND 48217 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 5310 FEET OF YELLOW AND 4533 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 331 2-WAY AMBER, 45 ONE WAY AMBER, AND 7 ONE WAY CRYSTAL.

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

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.

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

MANHOLES, VALVE VAULTS AND OTHER APPURTANCES EXPOSED BY THE HOT-MIX ASPHALT SURFACE REMOVAL, WHERE VEHICLES WILL CROSS WHICH ARE MORE THAN 2" DEEP, SHALL BE TEMPORARILY RAMPED WITH HMA AS DIRECTED BY THE ENGINEER THE INSTALLATION AND SUBSEQUENT REMOVAL OF TEMPORARY RAMPS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE VARIOUS ITEMS OF HOT MIX ASPHALT SURFACE REMOVAL PAY ITEMS.

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: | LEVEL BINDER | SURFACE COURSE |
| PG GRADE: | PG 64-22 | PG 64-22 |
| 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 HOT MIX ASPHALT |
| SURFACING | | |
| PG GRADE: | PG 64-22 | PG 64-22 |
| 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 |

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|----------------------|------------------------|
| MIXTURE USE: | TEMPORARY RAMP SPECIAL |
| PG GRADE: | PG 64-22 |
| DESIGN AIR VOIDS: | 4.0% @ NDESIGN = 70 |
| MIXTURE COMPOSITION: | IL-19.0 |
| FRICTION AGGREGATE: | MIXTURE C |

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

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|-----------------------------------|--------------------|
| AGGREGATE SURFACE COURSE | 2.05 TONS/CU YD |
| AGGREGATE SHOULDERS | 3.24 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

| SHEET NO. | ITEM |
|-----------|--|
| 1 | COVER SHEET |
| 2 | INDEX OF SHEETS, LIST OF APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES |
| 3 | SUMMARY OF QUANTITIES |
| 4-12 | TYPICAL SECTIONS |
| 13 | MILLING DETAILS |
| 14-15 | MISCELLANEOUS SHCEDULES |
| 16 | ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAIL |
| 17 | TRAFFIC CONTROL AND PROTECTION, SPECIAL |
| 18-26 | PLAN SHEETS |

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 34:

| STD. NO. | DESCRIPTION |
|-----------|--|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 406201-01 | MAILBOX TURNOUT |
| 442201-03 | CLASS C AND D PATCHES |
| 667101-01 | PERMANENT SURVEY MARKERS |
| 701011-02 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701301-03 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-02 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >=45 MPH |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY |
| 701336-05 | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >=45 MPH |
| 701901-01 | TRAFFIC CONTROL DEVICES |
| 780001-02 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |

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| FILE NAME = | USER NAME = stoffenmk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES & INDEX OF SHEETS | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et\pwwork\pwwdot\steffenmk\0123229\0 | 74379-shr-cover.dgn | DRAWN - | REVISED - | | | | | | 773 | . | Cumberland | 26 | 1 |
| | PLOT SCALE = 20,0000' / IN. | CHECKED - | REVISED - | | SCALE: SHEET NO. OF SHEETS STA. TO STA. | | | | ILLINOIS FED. AID PROJECT | | | | |
| | PLOT DATE = 2/6/2009 | DATE - | REVISED - | | | | | | CONTRACT NO. 74379 | | | | |