

INDEX OF SHEETS

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STANDARDS

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| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 442201-03 | CLASS C AND D PATCHES |
| 701427-01 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH |
| 701601-08 | URBAN LANE CLOSURE MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN |
| 701701-08 | URBAN LANE CLOSURE MULTILANE INTERSECTION |
| 701901-02 | TRAFFIC CONTROL DEVICES |
| 780001-03 | TYPICAL PAVEMENT MARKINGS |
| 886001-01 | DETECTOR LOOP |

MIXTURE REQUIREMENTS SHALL BE PREPARED AS DIRECTED BELOW:

FOR IL. 13 MAINLINE HOT-MIX ASPHALT SURFACE COURSE:

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|---|--|
| Mixture Use(s): | Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90 |
| AC/PG: | SBS PG76-22 |
| RAP % (Max.): | 0 |
| Design Air Voids: | 4.0%, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5mm or IL-12.5 mm |
| Friction Aggregate: | D Surface |

FOR IL. 13 MAINLINE HOT-MIX ASPHALT BINDER COURSE:

| | |
|---|--|
| Mixture Use(s): | Polymerized Hot-Mix Asphalt Leveling Binder, N90, IL-9.5 Fine-Graded |
| AC/PG: | SBS PG76-22 |
| RAP % (Max.): | 0 |
| Design Air Voids: | 4.0%, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5 FG |
| Friction Aggregate: | None |

GENERAL NOTES

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

| | |
|-----------------------------------|-------------------|
| ALL HOT MIX ASPHALT | 2.016 TONS/CU YD |
| ALL AGGREGATE | 2.05 TONS/CU YD |
| BITUMINOUS MATERIALS: | |
| ON PAVEMENT | 0.09 GAL/SQ YD |
| INTERMEDIATE LIFTS (FOG COATS) | 0.04 GAL/SQ YD |
| ON AGGREGATE SURFACE | 0.32 GAL/SQ YD |
| AGGREGATE (PRIME COAT) | 0.0015 TONS/SQ YD |
| RIPRAP | 1.50 TONS/CU YD |
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT, SURFACE COURSE, AND BINDER COURSE.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- THE USE OF A VIBRATING ROLLER SHALL BE PROHIBITED. THE CONTRACTOR MAY BE REQUIRED TO MAKE ROLLING PATTERN ADJUSTMENTS TO OBTAIN THE REQUIRED FIELD DENSITY.
- QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER.
- BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 600 METERS (2,000 FT.), THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
- ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 5.08 cm (2 IN.) MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.
- SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
- THE LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS, AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.
- ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

COMMITMENTS

NONE

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| FILE NAME: | USER NAME: #USCR8 | DESIGNED: - | REVISED: - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| cr:\pwork\spidat\helling\id\0315140\1\1\1 | cr:\eog\index.dgn | DRAWN: - | REVISED: - | | SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | JACKSON | 27 | 3 |
| MODEL/NAME: | PLOT SCALE: 100.0000 / 1 in. | CHECKED: - | REVISED: - | | CONTRACT NO. 78331 | | | | | | | | |
| | PLOT DATE: 1/4/2013 | DATE: - | REVISED: - | | ILLINOIS FED. AID PROJECT | | | | | | | | |