

**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 REHABILITATION OF APPROXIMATELY 2 MILES OF ILLINOIS ROUTE 1 IN MT CARMEL. THE WORK INCLUDED IN SECTION (103, 104)RS-1, (127)RS-2 CONSISTS OF HOT-MIX ASPHALT SURFACE REMOVAL, PAVEMENT PATCHING, RESURFACING, PAVEMENT MARKINGS, TRAFFIC SIGNALS AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED IN THE SAME LOCATIONS AS EXISTING MARKINGS EXCEPT FOR STOP BARS WHICH ARE DETAILED ON THE TRAFFIC SIGNALS SHEETS.

SHORT TERM PAVEMENT MARKING ON THE MILLED SURFACE SHALL BE PAINT. ALL OTHER SHORT TERM PAVEMENT MARKINGS SHALL BE TAPE.

RAMP NOSES WILL BE MEASURED AND PAID FOR AS COMBINATION CURB AND GUTTER REMOVAL.

REMOVAL OF THE 4 INCH THICK MEDIAN SURFACE SHALL COMPLY WITH SECTION 440 OF THE STANDARD SPECIFICATIONS AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR CONCRETE MEDIAN SURFACE REMOVAL.

IN ORDER TO COMPLY WITH ARTICLE 701.07 THE HMA SURFACE REMOVAL SHALL BE DONE IN TWO PASSES PER LANE OR COMPLETED IN BOTH LANES IN A GIVEN SECTION BEFORE MOVING ON TO ANOTHER SECTION.

MANHOLES, VALVE VAULTS AND OTHER APPURTENANCES EXPOSED BY THE HOT-MIX ASPHALT SURFACE REMOVAL 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 COST OF HOT MIX ASPHALT SURFACE REMOVAL PAY ITEMS.

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

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 WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR OTHER ITEMS IN THE CONTRACT.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HMA COURSES.

THE MATERIAL USED FOR BITUMINOUS MATERIALS (PRIME COAT) SHALL BE RC-70, SS-1H, OR SS-1HP APPLIED AT THE RATE DIRECTED BY THE ENGINEER.

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED.

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMP.

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

|                                 |                    |
|---------------------------------|--------------------|
| HOT MIX ASPHALT                 | 112 LBS/SQ YD/IN   |
| BITUMINOUS MATERIALS PRIME COAT | 0.10 GALLONS/SQ YD |
| AGGREGATE PRIME COAT            | 4 LBS/SQ YD        |
| GRANULAR MATERIAL               | 2.05 TONS/CU YD    |

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

| APPLICATION      | AC/PG    | DESIGN AIR VOIDS | MIXTURE COMPOSITION | FRICTION AGGREGATE |
|------------------|----------|------------------|---------------------|--------------------|
| SURFACE COURSE   | PG 64-22 | 4.0% @ N=90      | IL - 9.5            | MIX D              |
| LEVELING BINDER  | PG 64-22 | 4.0% @ N=90      | IL - 9.5            | N/A                |
| CLASS D PATCHING | PG 64-22 | 4.0% @ N=70      | IL - 19.0           | N/A                |

**INDEX OF SHEETS**

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THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

|           |   |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS                               |
| 442201-03 | CLASS C AND D PATCHES   |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH                        |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                                 |
| 701306-03 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY                          |
| 701427    | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS                  |
| 701501-06 | URBAN LANE CLOSURE, 2L 2W, UNDIVIDED  |
| 701502-04 | URBAN LANE CLOSURE, 2L 2W WITH BIDIRECT LEFT TURN LN                        |
| 701701-07 | URBAN LANE CLOSURE, MULTILANE INTERSECTION                                  |
| 701801-04 | LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE               |
| 701901-01 | TRAFFIC CONTROL DEVICES   |
| 720001-01 | SIGN PANEL MOUNTING DETAILS   |
| 720016-02 | MAST ARM MOUNTED STREET NAME SIGNS  |
| 780001-02 | TYPICAL PAVEMENT MARKINGS   |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                     |
| 805001-01 | ELECTRICAL SERVICE INSTALLATION DETAILS                                     |
| 814001-02 | HANDHOLES   |
| 825001-01 | LIGHTING CONTROLLER POLE MOUNTED, 240V                                      |
| 857001-01 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES                     |
| 873001-02 | TRAFFIC SIGNAL GROUNDING & BONDING  |
| 877001-04 | STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'                            |
| 877011-04 | STEEL COMB, MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'                      |
| 878001-08 | CONCRETE FOUNDATION DETAILS   |
| 880001-01 | SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION                  |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS   |
| 886001-01 | DETECTOR LOOP INSTALLATIONS   |
| 886006-01 | TYPICAL LAYOUTS FOR DETECTION LOOPS   |

|                                     |                              |            |           |   |  |                           |         |              |              |           |  |
|-------------------------------------|------------------------------|------------|-----------|---|--|---------------------------|---------|--------------|--------------|-----------|--|
| FILE NAME =                         | USER NAME = teasleyk         | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES AND<br/>INDEX OF SHEETS</b> | F.A.P. RTE.               | SECTION | COUNTY       | TOTAL SHEETS | SHEET NO. |  |
| c:\pwork\pwork\teasleyk\10177977\07 | 4449-shl-genote.dgn          | DRAWN -    | REVISED - |   |  | 827                       | *       | Wabash       | 44           | 2         |  |
|                                     | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - |   |  | CONTRACT NO. 74449        |         |              |              |           |  |
|                                     | PLOT DATE = 9/7/2011         | DATE -     | REVISED - |   |  | ILLINOIS FED. AID PROJECT |         |              |              |           |  |
| SCALE:                              |                              |            |           |   |  | SHEET NO. OF SHEETS       |         | STA. TO STA. |              |           |  |