

## GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON SBI 12 (OLD US 50) IN CLAY COUNTY AT EXISTING STRUCTURE NUMBER 013-0026, OVER ELM CREEK .2 MILES EAST OF US 45. THE WORK INCLUDED IN SECTION 10B-1 CONSISTS OF THE COMPLETE REMOVAL AND REPLACEMENT OF THE EXISTING STRUCTURE WITH A GRADE CHANGE, BITUMINOUS CONCRETE BINDER AND SURFACE COURSE, BASE COURSE WIDENING, BITUMINOUS SHOULDERS, EARTHWORK, GUARDRAIL, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION. THE WORK SHALL BE COMPLETED USING A TEMPORARY ROAD CLOSURE.

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), HOT-MIX ASPHALT BINDER, 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 PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 163 FEET OF YELLOW AND 1,300 FEET OF WHITE.

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

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

THE CONTRACTOR SHALL USE EITHER RC-70, SS-1H, OR SS-1HP APPLIED AT THE RATE DIRECTED BY THE ENGINEER FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

ALL DRIVEWAYS AND FIELD ENTRANCES BEING RECONSTRUCTED SHALL BE COMPLETED IN STAGES TO ALLOW ACCESS AT ALL TIMES. ACCESS TO PRIVATE PROPERTIES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AT ALL TIMES. IF NECESSARY, TEMPORARY DRIVEWAYS SHALL BE CONSTRUCTED BY THE CONTRACTOR AS DESIGNATED BY THE ENGINEER. THIS WORK WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCES).

PIPE DRAINS ARE INCLUDED TO EXTEND ABUTMENT DRAINS TO TOE OF THE SLOPE. ALL WORK NECESSARY TO ATTACH ONTO THE ABUTMENT DRAIN PIPE, TRENCHING AND INSTALLING THE PIPE INTO THE HEADWALLS WILL BE INCLUDED IN THE PAY ITEM PIPE DRAINS 4".

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 FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

|                      |                     |                     |
|----------------------|---------------------|---------------------|
| MIXTURE USE:         | SURFACE COURSE      | BINDER 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-19.0             |
| FRICTION AGGREGATE:  | Mixture C           | N/A                 |

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

|                                   |                    |
|-----------------------------------|--------------------|
| 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

| SHEET NO. | ITEM                               |
|-----------|------------------------------------|
| 1         | COVER SHEET                        |
| 2         | INDEX OF SHEETS AND GENERAL NOTES  |
| 3         | SUMMARY OF QUANTITIES              |
| 4         | TYPICAL SECTIONS                   |
| 5         | BUTT JOINT DETAIL & ALIGNMENT TIES |
| 6-7       | QUANTITY SCHEDULES                 |
| 8         | ENTRANCE SCHEDULE                  |
| 9-10      | PLAN & PROFILE                     |
| 11-12     | ROW PLANS                          |
| 13-33A    | BRIDGE PLANS                       |
| 34-35     | EROSION CONTROL DETAILS            |
| 36-39     | CROSS SECTIONS                     |

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 39:

| STD. NO.  | DESCRIPTION   |
|-----------|---|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  |
| 001001-02 | AREAS OF REINFORCEMENT BARS   |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 280001-05 | TEMPORARY EROSION CONTROL SYSTEMS   |
| 420001-07 | PAVEMENT JOINTS   |
| 420401-08 | BRIDGE APPROACH PAVEMENT CONNECTOR  |
| 421001-02 | BAR REINFORCEMENT FOR CRC PAVEMENT  |
| 515001-03 | NAME PLATE FOR BRIDGES  |
| 542401-01 | METAL END SECTION FOR PIPE CULVERTS   |
| 601101-01 | CONCRETE HEADWALL FOR PIPE DRAIN  |
| 630001-08 | STEEL PLATE BEAM GUARDRAIL  |
| 630301-05 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS                              |
| 631011-06 | TRAFFIC BARRIER TERMINAL TYPE 2   |
| 631031-08 | TRAFFIC BARRIER TERMINAL, TYPE 6  |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT   |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS   |
| 666001-01 | RIGHT OF WAY MARKERS  |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W MORE THAN 15' AWAY  |
| 701006-03 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE                                |
| 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                                       |
| 701901-01 | TRAFFIC CONTROL DEVICES   |
| 780001-02 | TYPICAL PAVEMENT MARKINGS   |
| BLR 21-8  | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |

|             |                      |            |           |   |  |                         |      |                |         |        |                 |              |   |
|-------------|----------------------|------------|-----------|---|--|-------------------------|------|----------------|---------|--------|-----------------|--------------|---|
| FILE NAME = | USER NAME = #USER#   | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES AND<br/>INDEX OF SHEETS</b> |                         |      | S.B.I.<br>RTE. | SECTION | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |   |
| #FILE#      |                      | DRAWN -    | REVISED - |   | SCALE: NA                                    | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.        | 12      | 10B-1  | CLAY            | 39           | 2 |
|             | PLOT SCALE = #SCALE# | CHECKED -  | REVISED - |   | CONTRACT NO. 74004                           |                         |      |                |         |        |                 |              |   |
|             | PLOT DATE = #DATE#   | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT                    |                         |      |                |         |        |                 |              |   |