

**GENERAL NOTES**

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS.

| UTILITY                                   | ABOVE GROUND | BELOW GROUND |
|---|--------------|--------------|
| • AMEREN ILLINOIS                         | X            | X            |
| • AT&T ILLINOIS                           | X            | X            |
| • WOOD RIVER BP AMOCO PIPELINE            |              | X            |
| • VILLAGE OF IUKA                         |              | X            |
| • LIBERTY UTILITIES                       |              | X            |
| • MARATHON PIPELINE LLC                   |              | X            |
| • NORTHEAST MARION COUNTY WATER COMPANY   |              | X            |
| • MCLEOD TELECOMMUNICATIONS SERVICES, LLC | X            | X            |
| • RACCOON WATER COMPANY                   |              | X            |
| • TRI-COUNTY ELECTRIC COOPERATIVE, INC.   | X            | X            |
| • US SONET, LLC                           | X            | X            |
| • WABASH TELEPHONE COOPERATIVE, INC.      | X            | X            |

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE CONSIDERED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
- NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- THE VARIOUS THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL SHOWN ON THE PLANS IS THE AVERAGE THICKNESS BASED UPON CONTROLLING THICKNESS AS INDICATED. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE. HOT-MIX ASPHALT SURFACE REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF REMOVING HIGH IRREGULARITIES AND TO ESTABLISH CROSS SLOPE.
- THE LOCATIONS OF THE REPAIR AREAS AS SHOWN IN THE PLANS ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- ALL DISTURBED EMBANKMENT AREAS SHALL BE SEEDED WITH CLASS 2A SEED, FERTILIZER AND MULCH AS PER SECTION 250.04 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR PERFORMING THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR FURNISHED EXCAVATION. THE ITEM OF WORK INITIATING THE DISTURBANCE.
- ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL (50. FT.)".
- THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
- A NOTCHED WEDGE LONGITUDINAL JOINT SHALL BE USED BETWEEN SUCCESSIVE PASSES OF HMA SURFACE COURSE THAT HAS A DIFFERENCE IN ELEVATION OF GREATER THAN 2 IN. BETWEEN LANES ON PAVEMENT THAT IS OPEN TO TRAFFIC. THE LONGITUDINAL JOINT SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

|  |                                       |
|--|---------------------------------------|
| HOT-MIX ASPHALT SURFACE / BINDER       | 0.056 TON/SQ. YD. PER 1"              |
| HOT-MIX ASPHALT MATERIALS (PRIME COAT) | 0.05 LB./SQ. FT. (ON PAVEMENT)        |
| HOT-MIX ASPHALT MATERIALS (PRIME COAT) | 0.25 LB./SQ. FT. (ON AGG)             |
| HOT-MIX ASPHALT MATERIALS (PRIME COAT) | 0.025 LB./SQ. FT. (BETWEEN HMA LIFTS) |
| AGGREGATE MATERIAL                     | 2.05 TON/CU. YD.                      |
| AGGREGATE PRIME COAT                   | 0.002 TON/SQ. YD.                     |

**INDEX OF SHEETS**

- COVER SHEET
- INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
- 5 SUMMARY OF QUANTITIES
- 7 TYPICAL SECTIONS
- LINE DIAGRAM
- 12 SCHEDULE OF QUANTITIES
- ENTRANCE & TAPER DETAILS
- GUARDRAIL DETAILS

**HIGHWAY STANDARDS**

|           |           |
|-----------|-----------|
| 000001-06 | 701006-05 |
| 001006    | 701011-04 |
| 406201-01 | 701201-04 |
| 442201-03 | 701306-03 |
| 630001-10 | 701311-03 |
| 630301-06 | 701326-04 |
| 631031-13 | 701336-06 |
| 635006-03 | 701901-04 |
| 635011-02 | 780001-05 |
| 642006    | 781001-03 |

**COMMITMENTS**

NONE

| MIXTURE USE                 | SURFACE       | INCIDENTAL    | LEVEL BINDER  | PATCHING      | SHOULDERS > 2.25" | SHOULDERS < 2.25" |
|-----------------------------|---------------|---------------|---------------|---------------|-------------------|-------------------|
| AC/PG                       | PG 64-22      | PG 64-22      | PG 64-22      | PG 64-22      | PG 64-22          | PG 64-22          |
| RAP % (MAX)                 | SEE SPCL PROV | SEE SPCL PROV | SEE SPCL PROV | SEE SPCL PROV | SEE SPCL PROV     | SEE SPCL PROV     |
| DESIGN AIR VOID             | 4.0% @Ndes=90 | 4.0% @Ndes=90 | 4.0% @Ndes=90 | 4.0% @Ndes=90 | 4.0% @Ndes=30     | 4.0% @Ndes=30     |
| MIX COMPOSITION (GRADATION) | IL 9.5        | IL 9.5        | IL 9.5 FG     | IL 9.5 FG     | IL 19.0L          | IL 9.5L           |
| FRICTION AGG                | MIXTURE "C"   | MIXTURE "C"   | MIXTURE "C"   | MIXTURE "B"   |                   |                   |
| QUALITY MGMT PROGRAM        | OCP           | QC/QA         | OCP           | QC/QA         | QC/QA             | QC/QA             |

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF

112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

△ REVISED 12-28-15

|  |                       |                 |           |   |  |                        |                           |                  |                     |                           |
|--|-----------------------|-----------------|-----------|---|--|------------------------|---------------------------|------------------|---------------------|---------------------------|
| FILE NAME =<br>087EH07-0ht-gennote.dgn | USER NAME =           | DESIGNED - RKA  | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS, HIGHWAY STANDARDS,<br/>GENERAL NOTES &amp; COMMITMENTS</b> | F.A.P.<br>RTE.<br>327A | SECTION<br>(12,13,14)RS-1 | COUNTY<br>MARION | TOTAL SHEETS<br>14  | SHEET NO.<br>2            |
|  | PLOT SCALE =          | DRAWN - RKA     | REVISED - |   |  | CONTRACT NO. 76H07     |                           |                  |                     |                           |
|  | PLOT DATE = 9/29/2015 | CHECKED - CPK   | REVISED - |   |  | SCALE:                 | SHEET NO. 1 OF 1 SHEETS   | STA. TO STA.     | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |
|  |                       | DATE - 04/10/08 | REVISED - |   |  |                        |                           |                  |                     |                           |

| CODE NO. | ITEM  | UNIT  | TOTAL QUANTITY | CONSTR. CODE |           |
|----------|---|-------|----------------|--------------|-----------|
|          |   |       |                | 80% FED      | 20% STATE |
|          |   |       |                | ROADWAY      |           |
|          |   |       |                | 0005         | RURAL     |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT)               | POUND | 77805          | 77805        |           |
| 40600647 | LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90 | TON   | 89742          | 89742        |           |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT    | SQ YD | 366            | 366          |           |
| 40600990 | TEMPORARY RAMP                                  | SQ YD | 368            | 368          |           |
| 40603320 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90    | TON   | 8200           | 8200         |           |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING            | TON   | 52             | 52           |           |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"         | SQ YD | 354            | 354          |           |
| 44000158 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"         | SQ YD | 149146         | 149146       |           |
| 44201803 | CLASS D PATCHES, TYPE II, 13 INCH               | SQ YD | 486            | 486          |           |
| 44201807 | CLASS D PATCHES, TYPE III, 13 INCH              | SQ YD | 261            | 261          |           |
| 44201809 | CLASS D PATCHES, TYPE IV, 13 INCH               | SQ YD | 1607           | 1607         |           |
| 44300200 | STRIP REFLECTIVE CRACK CONTROL TREATMENT        | FOOT  | 70798          | 70798        |           |
| 48102100 | AGGREGATE WEDGE SHOULDER, TYPE B                | TON   | 1239           | 1239         |           |
| 48203100 | HOT-MIX ASPHALT SHOULDERS                       | TON   | 3285           | 3285         |           |



⚠ REVISSED 12-28-15

|             |              |            |           |   |                              |                           |                |                    |              |           |  |
|-------------|--------------|------------|-----------|---|------------------------------|---------------------------|----------------|--------------------|--------------|-----------|--|
| FILE NAME : | USER NAME :  | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> | F.A.P. RTE.               | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |  |
|             | PLOT SCALE : | CHECKED -  | REVISED - |   |                              | 327A                      | (12,13,14)RS-1 | MARION             | 14           | 3         |  |
|             | PLOT DATE :  | DRAWN -    | REVISED - |   |                              | SHEET NO. 1 OF 3 SHEETS   |                | CONTRACT NO. 76H07 |              |           |  |
|             |              | CHECKED -  | REVISED - |   |                              | ILLINOIS FED. AID PROJECT |                |                    |              |           |  |