CONTRACT NO. 68149

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| FAP 313 | (7BY)BR | HENDERSON | 68 | 2 |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT- | |

## GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.

IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

| | |
|---|---|
| ALL HOT-MIX ASPHALT | 112 LBS./SQ.YD./IN. |
| ALL AGGREGATE | 2.05 TONS/CU.YD. |
| BITUMINOUS MATERIALS (PRIME COAT) | 0.09 GAL./SQ.YD. |
| RIPRAP | 1.50 TONS/CU.YD. |
| NITROGEN FERT. NUTRIENT | 90 LB./ACRE |
| PHOSPHORUS FERT. NUTRIENT | 90 LB./ACRE |
| POTASSIUM FERT. NUTRIENT | 90 LB./ACRE |
| AGRICULTURAL GROUND LIMESTONE | 2 TON/ACRE |
| MULCH METHOD 2 | 2 TON/ACRE |
| AGGREGATE BASE COURSE, TYPE B | 2.0 TON/CU. YD. |

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE SURFACE COURSE, AND THE 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.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES WILL BE BROUGHT UP TO THE SAME ELEVATION.

THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS. THE BUREAU OF OPERATIONS WILL THEN DETERMINE THE ACTUAL LIMITS TO BE STRIPED AS "NO PASSING" ZONES.

ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1½" UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS.
SAW CUT EDGES OF EXISTING HOT-MIX ASPHALT CONCRETE SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW HOT-MIX ASPHALT SHOULDERS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

EXISTING BRIDGE APPROACH PAVEMENT SHALL BE REMOVED. BRIDGE APPROACH PAVEMENT REMOVAL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 |
| AC/PG: | SBS 70-28 |
| RAP % (MAX): | 10% |
| DESIGN AIR VOIDS: | 4.2% @ Ndes 70 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 9.5 OR IL 12.5 |
| FRICTION AGGREGATE: | MIXTURE D (DOLEMITE ONLY) |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | HOT-MIX ASPHALT BASE COURSE WIDENING, 9" |
| AC/PG: | SBS 70-28 |
| RAP % (MAX): | 10% |
| DESIGN AIR VOIDS: | 4.2% @ Ndes 70 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 19.0 |
| FRICTION AGGREGATE: | NONE |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70 |
| AC/PG: | SBS 70-28 |
| RAP % (MAX): | 10% |
| DESIGN AIR VOIDS: | 4.2% @ Ndes 70 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 19.0 |
| FRICTION AGGREGATE: | NONE |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | HOT-MIX ASPHALT SHOULDERS (TOP LIFT) |
| AC/PG: | PG58-22 |
| RAP % (MAX): | 15% |
| DESIGN AIR VOIDS: | 4.2% @ Ndes 50 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 9.5 LOW ESAL |
| FRICTION AGGREGATE: | MIXTURE C |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | LEVELING BINDER (MACHINE METHOD), N70 |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 15% |
| DESIGN AIR VOIDS: | 4% @ Ndes 70 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 9.5 |
| FRICTION AGGREGATE: | NONE |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | HOT-MIX ASPHALT SHOULDERS (BOTTOM LIFT) |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 25% |
| DESIGN AIR VOIDS: 2 | 4.2% @ Ndes 50 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 19.0 |
| FRICTION AGGREGATE: | NONE |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | STA. 297+00.00 TO STA. 304+95.00 |
| MIXTURE USE(S): | HOT-MIX ASPHALT BASE COURSE, 8" AND 9" |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 15% |
| DESIGN AIR VOIDS: | 4.2% @ Ndes 70 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 19.0 |
| FRICTION AGGREGATE: | NONE |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

| MIXTURE REQUIREMENTS | |
|---|---|
| LOCATION(S): | DRIVEWAYS / INCIDENTAL HMA SURFACE |
| MIXTURE USE(S): | INCIDENTAL HOT-MIX ASPHALT SURFACING |
| AC/PG: | PG 58-22 |
| RAP % (MAX): | 50% |
| DESIGN AIR VOIDS: | 4.2% @ Ndes 50 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE: | IL 9.5 OR IL 12.5 |
| FRICTION AGGREGATE: | MIXTURE C |
| MIXTURE WEIGHTS: | 112 LBS\SY\INCH THICKNESS |

**COMMITMENTS:**

COMMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

WATER QUALITY CERTIFICATION: THE CONTRACTOR MUST MEET THE REQUIREMENTS STIPULATED UNDER THE WATER QUALITY CERTIFICATION. SEE THE RESIDENT ENGINEER FOR A COPY OF THE CONDITIONS OF THE CERTIFICATION.

404 PERMIT: THE CONTRACTOR MUST MEET THE REQUIREMENTS STIPULATED UNDER THE 404 PERMIT TYPE NATIONWIDE 14. PERMIT/SUBJECT NUMBERS ARE
AND . PERMIT EXPIRES ON

NO 404 COMMITMENT AT THIS TIME.

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
ELGIN • SPRINGFIELD

| | | |
|---|---|---|
| PROJECT NUMBER: 12 44 0001 X | | DATE: 08/07/07 |
| DESIGNED: W.D.G. | CHECKED: L.F.S. | DRAWN: W.J.S. |

# GENERAL NOTES, COMMITMENTS & MIXTURE REQUIREMENTS

U.S. 34 OVER P.D. CREEK
F.A.P. 313 / SECTION (7BY)BR
HENDERSON COUNTY
STRUCTURE NO. 036-0052 / STATION 301+23

DATE: 12-Oct-07 07:55
FILE: P:\12\1244001\Cad\Phase II\plans\440ISRDY.DGN