

GENERAL NOTES

1) THE THICKNESS OF HOT MIX ASPHALT MIXTURE 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 MIXTURE IS PLACED.

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

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| ALL HOT MIX ASPHALT | 2.392 METRIC TONS/CU. METER (2.016 TONS/CU. YD.) |
| ALL AGGREGATE | 2.43 METRIC TONS/CU. METER (2.05 TONS/CU. YD.) |
| BITUMINOUS MATERIALS: | |
| ON PAVEMENT | 0.41 LITERS/SQ. METER (0.09 GAL./SQ. YD.) |
| ON AGGREGATE SURFACE | 1.45 LITERS/SQ. METER (0.32 GAL./SQ. YD.) |
| AGGREGATE (PRIME COAT) | 0.0016 METRIC TONS/SQ. METER (0.0015 TONS/SQ. YD.) |

3) THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 100 m (300 FT.) INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (5 IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

4) 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.

5) THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURF. COURSE REMOVAL AND SURFACE COURSE.

6) QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. PATCHING SURVEY FOR LOCATION 1 WAS DONE ON JANUARY 20, 2012. PATCHING SURVEY FOR LOCATION 2 & 3 WAS DONE ON JANUARY 24, 2012. THE ACTUAL AMOUNT OF PATCHING WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

STRUCTURE INFORMATION

LOCATION 3:

| STRUCTURE NUMBER | STATION | INV. RATING | OPR. RATING | SUFF. RATING |
|------------------|---------|-------------|-------------|--------------|
| 073-0025 | 272+85 | 25.5 | 42.5 | 89.8 |
| 073-0026 | 282+26 | 26.5 | 44.2 | 89.8 |

SN 073-0025 MTD ALLOWANCE: LOADED MTD ALLOWED
SN 073-0026 MTD ALLOWANCE: LOADED MTD ALLOWED

MIXTURE REQUIREMENTS

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|---|---|
| Location(s): | Hot-Mix Asphalt Surface Course (Location 1 & 2) |
| Mixture Use(s): | Polymerized Hot-Mix Asphalt Surface Course, Mix D, N105 |
| AC/PG: | SBS PG76-22 |
| RAP % (Max): | 0 |
| Design Air Voids: | 4.0 %, 105 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5 mm or IL12.5 mm |
| Friction Aggregate: | D Surface |

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|---|---|
| Location(s): | Hot-Mix Asphalt Surface Course (Location 3) |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, Mix D, N90 |
| AC/PG: | PG64-22 |
| RAP % (Max): | 10 |
| Design Air Voids: | 4.0 %, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5 mm or IL-12.5mm |
| Friction Aggregate: | D Surface |

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|---|--|
| Location(s): | Hot-Mix Asphalt Parking Lane (Location 2), HMA Shoulders (Location 3), and Incidental HMA Surfacing (Location 3) |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, Mix C, N70 |
| AC/PG: | PG64-22 |
| RAP % (Max): | 15 |
| Design Air Voids: | 4.0 %, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5mm or IL-12.5mm |
| Friction Aggregate: | C Surface |

| | | | |
|---------------------------------------|-------------------------------|------------|-----------|
| FILE NAME = | USER NAME = LENZINIAD | DESIGNED - | REVISED - |
| ca:\pwork\pwork\lenziniad\0302467\782 | 92-shs-plan.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/10/2012 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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| GENERAL NOTES, STRUCTURE RATINGS, MIX DESIGNS | |
| SCALE: _____ | SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____ |

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|---------------------------|---------------------------|--------------------|--------------|
| *FAP 42/FAU 9668/9669 | | *PERRY & JACKSON | |
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS |
| • | (8,103) RS-2; (12-2) RS-1 | • | 19 |
| | | CONTRACT NO. 78292 | |
| ILLINOIS FED. AID PROJECT | | | |