

**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:
 

ALL HOT MIX ASPHALT	2.016 TONS/CU YD
ALL AGGREGATE	2.05 TONS/CU YD
RIP RAP	1.50 TONS/CU YD
- 3) AT ALL LOCATIONS WHERE EXISTING 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.
- 4) THE CONTRACTOR MAY USE HMA PAVEMENT IN LIEU OF THE P.C.C. PAVEMENT 10" SHOWN IN THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. A CALCIUM CHLORIDE ACCELERATOR WILL BE ALLOWED. THE CONCRETE SHALL BE CLASS PP-1 OR PP-2 PER ARTICLE 1020 OF THE STANDARD SPECS.
- 5) REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

**STANDARDS**

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| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  |
| 001001-02 | AREAS OF REINFORCEMENT BARS   |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 420001-07 | PAVEMENT JOINTS   |
| 420601-05 | 24' PCC PAVEMENT  |
| 420701-02 | PAVEMENT FABRIC   |
| 630301-06 | SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS                              |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT   |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS   |
| 642006    | SHOULDER RUMBLE STRIPS, 8 In.   |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY   |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE                                |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH                                     |
| 701901-03 | TRAFFIC CONTROL DEVICES   |
| 780001-04 | TYPICAL PAVEMENT MARKINGS   |
| BLR 21-9  | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |

**COMMITMENTS**

THE HARDIN COUNTY SHERIFF'S DEPARTMENT (618-287-2271) SHALL BE CONTACTED PRIOR TO THE 2 WEEK NOTIFICATION SIGNING AND PRIOR TO ANY WORK INVOLVING TRAFFIC CONTROL AND PROTECTION THAT AFFECTS THE TRAVELING PUBLIC.

**MIXTURE REQUIREMENTS**

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90
AC/PG:	PG64-22
ABR % (MAX):	SEE BDE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5mm
FRICTION AGGREGATE:	C SURFACE
QUALITY MANAGEMENT PROGRAM:	OC/OA

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE & HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0mm FINE GRADE
AC/PG:	PG64-22
ABR % (MAX):	SEE BDE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-19.0mm FINE GRADE
FRICTION AGGREGATE:	NONE
QUALITY MANAGEMENT PROGRAM:	OC/OA

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