

**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
BITUMINOUS MATERIALS: ON PAVEMENT	0.09 GAL /SQ YD
- 3) PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- 4) 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 101.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.
- 5) COMMITMENTS: NONE AS OF DECEMBER 11, 2009.

**STANDARDS**

- |           |   |
|-----------|---|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  |
| 001001-02 | AREAS OF REINFORCEMENT BARS   |
| 642001-01 | SHOULDER RUMBLE STRIPS  |
| 701101-02 | OFF-ROAD, MULTILANE 15' TO PAVEMENT EDGE  |
| 701400-04 | APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY   |
| 701401-05 | LANE CLOSURE FREEWAY/EXPRESSWAY   |
| 701402-07 | LANE CLOSURE FREEWAY/EXPRESSWAY, WITH BARRIER                                       |
| 701421-02 | LANE CLOSURE, MULTILANE, DAY OPERATION ONLY, FOR SPEEDS $\geq$ 45 MPH TO 55 MPH     |
| 701426-03 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\geq$ 45 MPH |
| 701901-01 | TRAFFIC CONTROL DEVICES   |
| 704001-06 | TEMPORARY CONCRETE BARRIER  |
| 780001-02 | TYPICAL PAVEMENT MARKINGS   |

**MIXTURE REQUIREMENTS**

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE,
AC/PG:	MIX C, N70 PG64-22
RAP% (MAX):	10
DESIGN AIR VOIDS:	4%, 70 CYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR 12.5 MM
FRICTION AGGREGATE:	C SURFACE

**INDEX OF SHEETS**

- |    |   |
|----|---|
| 1  | COVER SHEET                               |
| 2  | INDEX OF SHEETS; GENERAL NOTES; STANDARDS |
| 3  | SUMMARY OF QUANTITIES                     |
| 4  | GENERAL PLAN AND ELEVATION                |
| 5  | WIDENING/SHOULDER DETAILS                 |
| 6  | STAGING DETAILS                           |
| 7  | JOINT REPLACEMENT DETAILS                 |
| 8  | JOINT REPLACEMENT DETAILS                 |
| 9  | DRAINS AND RAILING DETAILS                |
| 10 | PREFORMED STRIP SEAL DETAIL               |
| 11 | BAR SPLICER ASSEMBLY DETAILS              |
| 12 | TEMPORARY CONCRETE BARRIER                |

Prepared By: Dennis W. Hillebrand  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: James Kevin Emery  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keith D. ...  
DISTRICT OPERATIONS ENGINEER

Examined By: Jim Smothers  
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. ...  
DISTRICT MATERIALS ENGINEER

Examined By: Jim Smothers  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dennis W. Hillebrand  
ASSISTANT REGIONAL ENGINEER

Approved By: Mr. C. ...  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Nov. 19 2009  
DATE