

GENERAL NOTES

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.

TRIM EDGES OF EXISTING HOT-MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW BASE COURSE WIDENING.

IF THE CONTRACTOR ELECTS TO USE P.C.C. BASE COURSE WIDENING, SUCH WIDENING SHALL BE ACCORDING TO ARTICLE 406.02, EXCEPT THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WIDENING.

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.

THE ADVANCE DETECTOR LOOPS ARE TYPICALLY LOCATED 275 FEET IN ADVANCE OF THE STOP BAR. THE BUREAU OF OPERATIONS SHOULD APPROVE THE LOOP LOCATIONS PRIOR TO INSTALLATION.

THE CENTERLINE PAVEMENT MARKING SHOULD BE REMOVED FROM THE STOP BAR TO THE SAND ATTENUATORS OR DRUMS. EDGE LINE PAVEMENT MARKING SHOULD BE REMOVED IF A 10 FOOT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHOULD BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.

ANY TIME THE CONCRETE BARRIER IS NOT IN THE PROPER POSITION, FLAGGERS SHALL BE IN PLACE TO CONTROL TRAFFIC. THE TEMPORARY TRAFFIC SIGNALS SHALL BE SET TO FLASH ALL RED.

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.

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.

COMMITMENTS: NONE

MIXTURE REQUIREMENTS

LOCATION(S):	SN 044-0031
MIXTURE USES(S):	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"
AC/PG:	PG 64-22
RAP% (MAX):	10%
DESIGN AIR VOIDS:	4% @ NDES 90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE:	NONE

LOCATION(S):	SN 077-0027 SN 044-0031
MIXTURE USES(S):	HOT-MIX ASPHALT SURFACE COURSE
AC/PG:	PG 64-22
RAP% (MAX):	10%
DESIGN AIR VOIDS:	4% @ NDES 90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE C

STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
- 701006-03 OFF-ROAD OPERATIONS 2L, 2W, 15' TO PAVEMENT EDGE FOR SPEEDS \geq 45 MPH
- 701011-02 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY FOR SPEEDS \geq 45 MPH
- 701101-02 OFF-ROAD, MULTILANE < 15' TO PAVEMENT EDGE
- 701201-03 LANE CLOSURE, 2L, 2W, DAY ONLY ON-ROAD TO 24" OFF-ROAD FOR SPEEDS \geq 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701321-10 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
- 701406-05 LANE CLOSURE, FREEWAY/EXPRESSWAY - DAY ONLY
- 701901-01 TRAFFIC CONTROL DEVICES
- 704001-05 TEMPORARY CONCRETE BARRIER
- 780001-02 TYPICAL PAVEMENT MARKINGS

BLR 21-08

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS; GENERAL NOTES; STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 GENERAL PLAN AND ELEVATION (077-0027)
- 5 TYPICAL SECTION/BUTT JOINT DETAIL
- 6 DECK SLAB REPAIR
- 7 FLOOR DRAIN DETAILS
- 8 JOINT REPLACEMENT DETAILS
- 9 MEDIAN AND PARAPET DETAILS
- 10 BEARING DETAILS
- 11 GENERAL PLAN AND ELEVATION (044-0031)
- 12 STAGE CONSTRUCTION
- 13 STAGE CONSTRUCTION AND BUTT JOINT DETAILS
- 14 DECK SLAB REPAIR DETAIL
- 15 JOINT REPLACEMENT DETAILS
- 16 BEARING DETAILS
- 17 PREFORMED STRIP SEAL DETAIL
- 18 SUBSTRUCTURE REPAIRS
- 19 BAR SPLICER ASSEMBLY DETAILS
- 20 TEMPORARY CONCRETE BARRIER

Prepared By:	<i>Joe Zolankiewicz</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>James Eric Emig</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Carrie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>Scott Wiley</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>Jim Smother</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>Bruce W. Peckles</i> DISTRICT MATERIALS ENGINEER
Examined By:	<i>Jim Smother</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>Samuel Clayton</i> ASSISTANT REGIONAL ENGINEER
Approved By:	<i>Ma. C. Gami</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER
DATE	March 11 20 09

FILE NAME:	USER NAME = cornellm	DESIGNED -	REVISED -
\\pwork\pwwork\cornellm\des4\925\044-0031-bsmart.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1" IN.		CHECKED -	REVISED -
PLOT DATE = 2/21/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, STANDARDS, INDEX OF SHEETS
AND MIXTURE REQUIREMENTS

SCALE: SHEET NO. 2 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24/57	D9 BSMART FY09-1	JOHNSON/PULASKI	20	2
CONTRACT NO. 78095				
ILLINOIS FED. AID PROJECT				