

**GENERAL NOTES**

- THE THICKNESS OF HMA MIXTURES 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 HMA MIXTURE IS PLACED.
- FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS, AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 

ALL HMA CONCRETE	112.0 POUNDS/SQ. YD./INCH
HMA MATERIALS:	
ON PAVEMENT	0.09 GAL/SQ. YD.
ALL AGGREGATE AND RIPRAP BEDDING	2.05 TONS/CU. YD.
RIPRAP	1.5 TONS/CU. YD.
- DURING THE 50 YEAR AND 100 YEAR DESIGN FLOWS, THE WATER SURFACE ELEVATIONS OVERTOP THE EXISTING CHANNEL BANKS IN THE VICINITY OF THE PROPOSED IMPROVEMENTS. PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO MINIMIZE ANY ADDITIONAL CHANNEL OBSTRUCTIONS DURING BOTH THE REMOVAL OF THE EXISTING BRIDGE AND THE CONSTRUCTION OF THE PROPOSED BOX CULVERT. ANY UNNECESSARY OR EXCESSIVE CHANNEL OBSTRUCTIONS COULD BE THE CAUSE FOR THE CREATION OF EXCESSIVE STREAM BACKWATER AND ITS POTENTIAL FOR THE FLOODING OF ADJACENT PROPERTIES, BUSINESSES, AND/OR RESIDENCES.
- FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.
- TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
- AT ALL LOCATIONS WHERE HMA OR CONCRETE PAVEMENT JOINS AN EXISTING HMA OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT SHALL BE INCLUDED IN THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE RAMPS SHALL BE CONSTRUCTED AND PAID FOR ACCORDING TO HIGHWAY STANDARD 424001 INCLUDED IN THE PLANS.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.
- CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.
- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR, HOWEVER, WILL BE PAID FOR THE ACTUAL QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK. EXISTING PLANS ARE AVAILABLE FOR REVIEW AT THE DISTRICT 9 OFFICE.
- COMMITMENTS: NONE AS OF AUGUST 15, 2008. REFER TO COMMITMENT FILE AFTER THIS DATE.

**INDEX OF SHEETS**

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**HIGHWAY STANDARDS INCLUDED IN THE PLANS**

- |           |  |
|-----------|--|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS   |
| 280001-04 | TEMPORARY EROSION CONTROL SYSTEMS  |
| 420001-07 | PAVEMENT JOINTS  |
| 420106-04 | 36' JOINTED PCC PAVEMENT   |
| 424001-05 | CURB RAMPS FOR SIDEWALKS   |
| 515001-02 | NAME PLATE FOR BRIDGES   |
| 542001-01 | REINFORCED CONCRETE END SECTIONS WITH PARALLEL WINGWALLS FOR PIPE CULVERTS 12" THRU 48" DIA. |
| 602401-01 | MANHOLE, TYPE A  |
| 602701-01 | MANHOLE STEPS  |
| 604001-02 | FRAME AND LIDS, TYPE 1   |
| 606001-03 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER                                |
| 701601-05 | URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRANSVERSABLE MEDIAN                          |
| 701801-03 | LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE                                |
| 701901    | TRAFFIC CONTROL DEVICES  |
| 704001-04 | TEMPORARY CONCRETE BARRIER   |
| 720006-01 | SIGN PANEL ERECTION DETAILS  |
| 780001-01 | TYPICAL PAVEMENT MARKINGS  |

PLAN  
 SURVEYED  
 IN FIELD  
 BY: [ ]  
 DATE: [ ]  
 CHECKED  
 BY: [ ]  
 DATE: [ ]  
 NO. [ ]

PREPARED BY: *De J. [Signature]*  
 DISTRICT STUDIES PLANS ENGINEER  
 EXAMINED BY: *James Travis Emery*  
 DISTRICT LAND ACQUISITION ENGINEER  
 EXAMINED BY: *Carrie Nelson*  
 DISTRICT PROGRAM DEVELOPMENT ENGINEER  
 EXAMINED BY: *Kevin Hammes*  
 DISTRICT OPERATIONS ENGINEER  
 EXAMINED BY: *[Signature]*  
 DISTRICT CONSTRUCTION ENGINEER  
 EXAMINED BY: *Bruce W. [Signature]*  
 DISTRICT MATERIALS ENGINEER  
 EXAMINED BY: *[Signature]*  
 DISTRICT PROJECT IMPLEMENTATION ENGINEER  
 EXAMINED BY: *[Signature]*  
 ASSISTANT REGION ENGINEER  
 APPROVED BY: *May [Signature]*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
 DATE: 8-5-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INDEX OF SHEETS  
AND GENERAL NOTES**

FAP ROUTE 331  
SECTION 5B-3  
JACKSON COUNTY

DRAWN BY: J. NIEDERHOFER