

HIGHWAY STANDARDS LIST

280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420106-04	36' (10.8 m) JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03	NAME PLATE FOR BRIDGES
602401-02	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604006-04	FRAME AND GRATE TYPE 3
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-08	STEEL PLATE BEAM GUARDRAIL
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 m) FROM PAVEMENT EDGE
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS GREATER THEN 45 MPH
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
000001-05	STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENTS BARS
001006	DECIMAL OF AN INCH AND OF A FOOT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE

LOCATION	US 51 BUSINESS	US 51 BUSINESS
MIXTURE USE:	HMA SURFACE COURSE	HMA BINDER COURSE
AC/PG	SBS-PG 70-22	SBS-PG 70-22
DESIGN AIR VOIDS	4.0% @ $N_{Des} = 90$	4.0% @ $N_{Des} = 90$
MIXTURE COMPOSITION (GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX D	N/A

RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, SUBBASE OR BACKFILL)	2.05 TONS / CU YD
SUBBASE GRANULAR MATERIAL, TYPE B	2.05 TONS / CU YD
HOT-MIX ASPHALT	
BITUMINOUS MATERIAL (PRIME COAT) (ON PAVEMENT)	0.1 GAL / SQ YD
BITUMINOUS MATERIAL (PRIME COAT) (ON AGGREGATE)	0.3 GAL / SQ YD
HOT-MIX ASPHALT SURFACE/ BINDER (112 lbs.)	0.056 TONS / SQ YD • IN
SEEDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
MULCH	2 TONS / ACRE
AGRICULTURAL GROUND LIMESTONE	4 TONS / ACRE

GENERAL NOTES

- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL.
- THE THICKNESS OF THE BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED AS DIRECTED BY THE ENGINEER WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- EXISTING UTILITIES IN THE AREA:
GAS = AMEREN IP
TELEPHONE = AT&T
CABLE = COMCAST
SEWER = CITY OF DECATUR
WATER = CITY OF DECATUR
RAILROAD TELEPHONE CABLE = NSRR
- RELOCATION OF EXISTING SIGNS WILL NOT BE MEASURED FOR PAYMENT AND WILL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
- THE CONTRACTOR, AT HIS/HER EXPENSE, SHALL DISPOSE OF ALL REMOVAL ITEMS OFF OF THE RIGHT-OF-WAY.
- THE VERTICAL CLEARANCE SHALL NOT BE REDUCED WHEN PROTECTING TRAFFIC FROM FALLING OBJECTS AND/OR MATERIALS.
- THE CONTRACTOR WILL PROVIDE INTERNET ACCESSIBILITY TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE EMAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL ABE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.
- FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70, SS-1H, OR SS-1HP APPLIED AT THE RATE DIRECTED BY THE ENGINEER.
- TEMPORARY PAVEMENT MARKINGS ON MILLED SURFACES SHALL BE PAINT.

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USER NAME = msj	DESIGNED - JLF	REVISED -
PLOT SCALE = 1:0000' / IN.	DRAWN - JDK	REVISED -
PLOT DATE = 3/12/2010	CHECKED - DAR/TLO	REVISED -
	DATE - 09/24/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS AND GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(50Z-VB) BR	MACON	79	2
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74245	