

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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96	135 STRUCTURAL SHEETS

STATE STANDARDS

ITEM	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-06	PAVEMENT JOINTS
442001-03	CLASS A PATCHES
442201-02	CLASS C & D PATCHES
602011	CATCH BASINS, TYPE C
604091-01	FRAME & GRATE, TYPE 24
604106	MEDIAN INLET FOR 36" RCP
630201-04	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
635001	DELINEATORS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
642001	SHOULDER RUMBLE STRIPS
701101-01	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5m (15') AWAY, FOR SPEEDS > 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5m (15') AWAY, FOR SPEEDS > 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-03	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-01	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-01	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701426-02	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS > 45 MPH
702001-00	TRAFFIC CONTROL DEVICES
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS

HOT-MIX ASPHALT REQUIREMENTS FOR MAINLINE

ITEM	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (AT 1-3/4" THICKNESS)	SBS PG 76-28/-22	4% @ 80 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80 (AT 1-3/4" THICKNESS)	SBS PG 76-28/-22	4% @ 80 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (AT 3/4" THICKNESS)	SBS/SBR PG 76-28/-22	4% @ 50 Gyr.

HOT-MIX ASPHALT REQUIREMENTS FOR MAINLINE SHOULDERS

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (AT 1-3/4" THICKNESS) (IL 9.5 mm)	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (VARIES 2-1/4" TO 2-3/4" THICKNESS)	PG 64-22 / 58-22 *	4% @ 70 Gyr.

HOT-MIX ASPHALT REQUIREMENTS FOR RAMPS

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (AT 1-3/4" THICKNESS) (IL 9.5 mm)	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (VARIES 2-1/4" TO 2-3/4" THICKNESS)	PG 64-22 / 58-22 *	4% @ 70 Gyr.
CLASS D PATCH (HMA BIDNER IL-25)	PG 64-22	4% @ 105 Gyr.

HOT-MIX ASPHALT REQUIREMENTS FOR RAMP SHOULDER

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (AT 1- 3/4" THICKNESS) (IL 9.5mm)	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (VARIES 2- 1/4" TO 2- 3/4" THICKNESS)	PG 64-22 / 58-22 *	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE HMA-SMA SURFACE COURSE IS 135 LBS/SQ YD/IN.

THE UNIT WEIGHT USED TO CALCULATE HMA SURFACE COURSE IS 112 LBS/SQ YD/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER SHOULD BE PG 58-22.

PLOT DATE = 6/18/2007
 PLOT SCALE = 1/8" = 1'-0"
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 USER NAME = 08704UT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS, STANDARDS & MIX REQUIREMENTS F.A.I. 94 (I-94)
NAME	DATE	
		SCALE: _____ DATE: JUNE 2007 -DRAWN BY DCS CHECKED BY _____