



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00017-00-PV	KANE	232	2
STA.		TO STA.		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		

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IDOT HIGHWAY STANDARDS

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604001-02	FRAME AND LID, TYPE 1
604036-01	GRATE, TYPE B
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604091-01	FRAMES AND GRATES, TYPE 24
606001-03	CONCRETE CURB AND GUTTER TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIANS
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635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701001-01	OFF ROAD OPERATIONS - 2L2W - 15 FT MIN FROM EOP - 45 MPH+
701006-02	OFF ROAD OPERATIONS - 2L2W - 15FT TO EOP - 45MPH+
701101-01	OFF ROAD OPERATIONS - MULTILANE - LESS THAN 15 FT TO EOP
701106-01	OFF ROAD OPERATIONS - MULTILANE - MORE THAN 15FT AWAY
701306-01	LANE CLOSURE, 2L2W, SLOW MOVING, DAY ONLY
701326-02	LANE CLOSURE, 2L2W, PAVEMENT WIDENING
701421-01	LANE CLOSURE MULTILANE - DAY OPERATIONS ONLY 45-55 MPH
701422-01	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-02	LANE CLOSURE MULTILANE - INTERMITTENT OR MOVING OP 45 MPH+

701501-04	URBAN LANE CLOSURE, 2L2W, UNDIVIDED
701502-02	URBAN LANE CLOSURE, 2L2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-05	URBAN LANE CLOSURE MULTILANE 1W2W + NONTRAVESABLE MED
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BLR2-2	COMBINATION SECTION & ROW MARKERS

PLAN	DATE
SURVEYED	BY
GRADES CHECKED	
ALIGNMENT CHECKED	
STRUCTURE CHECKED	
NOTES CHECKED	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	
ALIGNMENT CHECKED	
STRUCTURE CHECKED	
NOTES CHECKED	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE

PAY ITEM DESCRIPTION	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 2" (IL-9.5mm)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22*	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	SBS/SBR PG 70-22*	4% @ 90 GYR.
HOT-MIX ASPHALT SHOULDERS, 8" (HMA BINDER IL-19mm) (BOTTOM 6") (HMA SURFACE IL-9.5mm) (TOP 2")	PG 64-22	4% @ 50 GYR.
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2" (IL-9.5mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT LEVEL BINDER (MM), N50, (IL-4.75mm)	SBS/SBR PG 70-22	4% @ 50 GYR.
INCIDENTAL HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm)	PG 64-22	4% @ 70 GYR.

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

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SQ. YD./INCH.

ROADWAY CLASSIFICATION	STRUCTURAL PAVEMENT DESIGN INFORMATION			
	MUNICIPAL DR.	GALENA BLVD	US 30	IL 47
URBAN COLLECTOR	E. OF IL 47: MINOR URBAN ARTERIAL	W. OF IL 47: URBAN COLLECTOR	OTHER PRINCIPAL ARTERIAL	STRATEGIC REGIONAL ARTERIAL
POSTED SPEED LIMIT	S. OF US 30: 30 MPH N. OF US 30: N/A	E. OF IL 47: 55 MPH W. OF IL 47: N/A	55 MPH	45 MPH
DESIGN DESIGNATION	1,200(30) COLLECTOR 1.91 (FD 20) S. OF US 30: 1,300 (2007), 130 N. OF US 30: 12,000 (2030), 1,200	1,600(30) COLLECTOR 2.53 (FD20) E. OF IL 47: 7,200 (2007), 720 W. OF IL 47: 16,000 (2030), 1,600	13,000 (2007), 1,300 91.3%, 3.0%, 7.2%	19,000 (2007), 1,900 86.9%, 5.9%, 7.2%
STR. DESIGN TRAFFIC (YEAR), DIV. VEHICLE BREAKDOWN %: PV, SU, MU	92%, 6%, 2% PV: 32%, SU: 45%, MU: 45%	92%, 6%, 2% PV: 32%, SU: 45%, MU: 45%	PV: 32%, SU: 45%, MU: 45%	PV: 32%, SU: 43%, MU: 45%
% STR. DESIGN TRAF. IN DESIGN LANE	1.91, NO MINIMUM	2.53, NO MINIMUM		
TRAFFIC FACTOR ACTUAL, MINIMUM				
AC TYPE	AC 20	AC 20	AC 20	AC 20
PG GRADE BINDER / SURFACE	PG 64 / PG 64	PG 64 / PG 64	PG 70 / PG 70	PG 70 / PG 70
SUBGRADE SUPPORT RATING	POOR	POOR	POOR	POOR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	<p style="text-align: center; font-size: 2em;">INDEX OF SHEETS</p>	
SCALE: NTS		DRAWN BY:	
DATE: 02/07/08		CHECKED BY: WBR	