

IL. RTE. 47

## SOUTHBOUND

STA 6304+72.77 TO STA 6305+44.77 SE ATTAINED STA 6305+44.77 TO STA 6320+62.35 SE = 3.82% STA 6320+62.35 TO STA 6321+34.35 SE REMOVED STA 6336+19.88 TO STA 6338+53.88 SE ATTAINED STA 6338+53.88 TO STA 6353+60.23 SE = 3.82% STA 6353+60.23 TO STA 6355+94.23 SE REMOVED STA 6585+81.56 TO STA 6586+21 SE ATTAINED

STA 6586+21 TO STA 6589+13.62 SE = 2.94% STA 6589+13.62 TO STA 6589+53.05 SE REMOVED STA 6592+99.99 TO STA 6594+99.49 SE ATTAINED STA 6594+99.49 TO STA 6597+80.68 SE = 2.94% STA 6597+80.68 TO STA 6599+80.18 SE REMOVED

### NORTHBOUND

STA 6303+10.77 TO STA 6305+44.77 SE ATTAINED STA 6305+44.77 TO STA 6320+62.35 SE = 3.82% STA 6320+62.35 TO STA 6322+96.35 SE REMOVED STA 6337+81.88 TO STA 6338+53.88 SE ATTAINED STA 6338+53.88 TO STA 6353+60.23 SE = 3.82% STA 6353+60.23 TO STA 6354+32.23 SE REMOVED STA 6584+21.50 TO STA 6586+21 SE ATTAINED STA 6586+21 TO STA 6589+13.62 SE = 2.94%

STA 6589+13.62 TO STA 6591+13.12 SE REMOVED STA 6594+60.05 TO STA 6594+99.49 SE ATTAINED STA 6594+99.49 TO STA 6597+80.68 SE = 2.94% STA 6597+80.68 TO STA 6598+20.11 SE REMOVED

SCALE: N/A

- 1. SEE PLAN & PROFILE SHEETS FOR MEDIAN TYPE AND LOCATION.
- INVERT OF LONGITUDINAL UNDERDRAINS SHALL BE 3.2' BELOW THE EDGE OF PAVEMENT ELEVATION.
- SHOULDER SLOPE LOW SIDE OF SE: SLOPE SHALL BE THE SAME AS THE SE BUT NOT LESS THAN 4%
- SHOULDER SLOPE HIGH SIDE OF SE: WHEN THE SE RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 4% THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SHALL BE 8%.
- TURN LANE SLOPE VARIES FROM SE RATE TO 0.5% MINIMUM.
- LONGITUDINAL CONSTRUCTION JOINT, OPTIONAL.
- SEE PLAN & PROFILE SHEETS FOR HIGH TENSION CABLE MEDIAN BARRIER LOCATIONS.
- AGGREGATE SUBGRADE IMPROVEMENT, 18", LOCATIONS: STA 6352+50 TO STA 6358+50 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION REQUIRED AT THESE LOCATIONS.
- SEE SCHEDULE FOR LOCATIONS.

- 3. SHOULDERS TO HAVE UNIFORM THICKNESS.

- TRANSVERSE UNDERDRAINS SHALL BE INSTALLED AT LOW POINTS OF AGGREGATE SUBGRADE IMPROVEMENT, 18" LOCATIONS. THE TOP SHALL BE 6" BELOW THE BOTTOM OF THE AGGREGATE SUBGRADE IMPROVEMENT, 18".

# LANF — PROFILE PROFILE -GRADE GRADE (NOTE 6) 4.0% — PCC PAVEMENT, $10\frac{1}{2}$ " (JOINTED) (TYP) TYP' -STABILIZED SUBBASE-HOT-MIX ASPHALT, 4" (TYP) PIPE UNDERDRAIN, 4" (MODIFIED) (TYP) (NOTE 2) ─AGGREGATE SUBGRADE IMPROVEMENT, 12" OR 18" (NOTE 9 & 10) (TYP) SUBBASE GRANULAR MATERIAL, TYPE C (TYP) — -PCC SHOULDER, 8" (TYP) (NOTE 3) AGGREGATE SHOULDER, TYPE B, 6" (TYP)

## SINGLE LEFT TURN LANE DETAIL (SUPER ELEVATION)

## SOUTHBOUND

STA 6311+30.69 TO STA 6316+96.56 STA 6346+10.48 TO STA 6351+93.16 STA 6583+93.45 TO STA 6589+60

## NORTHBOUND

STA 6304+31.56 TO STA 6309+99.64 STA 6339+28.16 TO STA 6345+25.65 STA 6349+66.31 TO STA 6355+64.05

FILE NAME =	USER NAME = bdecraene	DESIGNED	-	HLC	KE A 12ED	-
V:\3195\66B84 (North Section)\CADD Sheet	s\D366B84-sht-typical-05.dgn	DRAWN	-	HLC	REVISED	-
	PLOT SCALE = 16.000 ' / in.	CHECKED	-	CAS	REVISED	-
	PLOT DATE = 7/14/2014	DATE	-	7/01/2014	REVISED	-

<u></u> (NOTE 7)

-PCC PAVEMENT, 101/2" (JOINTED)

AGGREGATE SUBGRADE IMPROVEMENT, 12"

**MEDIAN OPENING DETAIL (SUPER ELEVATION)** 

STA 6310+00 TO STA 6311+31

STA 6345+26 TO STA 6346+11

- STABILIZED SUBBASE-HOT-MIX ASPHALT, 4" (TYP)

- PROFILE GRADE

SE

PROFILE

GRADE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

IL. RTE. 47					SECTION	COUNTY	TOTAL		
PROPOSED TYPICAL SECTION				326	(109, 110)R-1	KENDALL	619	3	
	THOI OSED TITIOA	L SECTION			CONTRACT	NO. (	66B8		
	SHEET NO. 5 OF 13 SHEETS	STA. N/A	TO STA. N/A		ILLINOIS FED. AID PROJECT				