

FAP 310
PROPOSED TYPICAL SUPERELEVATED SECTION WITH AUXILIARY LANE

AUXILIARY LANE NOTE:

STA 39+108.322 TO STA 39+195.000 SBL 4.0%
 STA 39+195.000 TO STA 39+260.000 SBL SE TRANSITION
 STA 39+260.000 TO STA 39+410.000 SBL FULL SE (5.5%)

CURVE NO. 3 (RIGHT)

STA 39+108.322 TO STA 39+117.295 SBL FULL SE (5.5%)
 STA 39+117.295 TO STA 39+126.063 SBL BRIDGE APPROACH PAVEMENT
 STA 39+126.063 TO STA 39+187.431 SBL BRIDGE OMISSION
 STA 39+187.431 TO STA 39+196.493 SBL BRIDGE APPROACH PAVEMENT
 STA 39+196.493 TO STA 39+410.000 SBL FULL SE (5.5%)
 STA 39+370.000 TO STA 39+542.000 NBL FULL SE (5.5%)
 STA 39+542.000 TO STA 39+602.068 NBL SE TRANSITION

* 4% AND VARIES, 8% MAXIMUM BREAKOVER

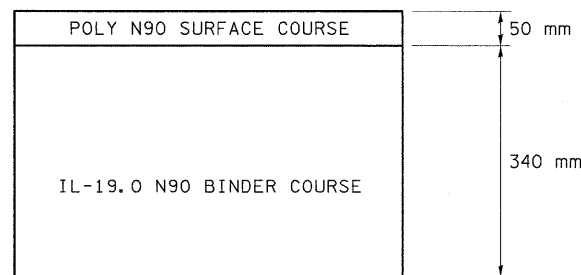
** 4% OR SE, WHICHEVER IS GREATER

PROPOSED LEGEND

- (E1) EXISTING GROUND
- (1) LIME STABILIZED SOIL MIXTURE, 300 mm
- (2) SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH (100 mm MINIMUM)
- (3) SUB-SURFACE DRAIN, STD 601001
- (4) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 390 mm (SEE DETAIL)
- (5) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 400 mm (SEE DETAIL)
- (6) HOT-MIX ASPHALT SHOULDERS, 200 mm (RUMBLE STRIPS CONSTRUCTED AS PER STANDARD 642001)
- (7) AGGREGATE SHOULDER, TYPE B, 200 mm
- (8) PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)

FAP 310 (IL 255)

STRUCTURAL DESIGN TRAFFIC:	YEAR 2014
PV = 16836	SU = 549 MU = 915
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32	S = 45 M = 45
TRAFFIC FACTOR:	ACTUAL TF = 4.64 AC TYPE = 20
	MINIMUM TF = 7.11
AC GRADE:	BINDER = PG 64-22 SURFACE = SBS 76-22
SUBGRADE SUPPORT RATING:	SSR = POOR (STA 35+150.000 TO STA 40+665.645)



HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 390 mm

ALL DIMENSIONS ARE IN mm
UNLESS NOTED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY **EBB**
 CHECKED BY
 DATE