

**FAP 310**  
**PROPOSED TYPICAL SUPERELEVATED BERM SECTION**

CURVE NO. 1 (RIGHT)  
 STA 35+238.000 TO STA 35+318.000 SE TRANSITION  
 STA 35+318.000 TO STA 35+400.000 NBL FULL SE (4.1%)  
 STA 35+318.000 TO STA 35+425.000 SBL FULL SE (4.1%)

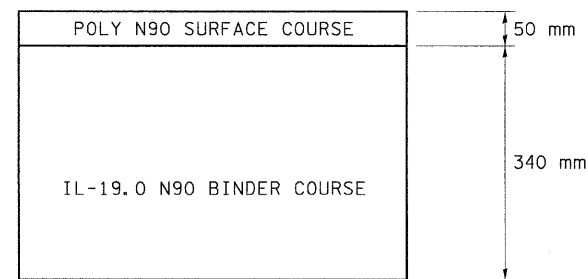
\* 4% AND VARIES, 8% MAXIMUM BREAKOVER  
 \*\* 4% OR SE, WHICHEVER IS GREATER

**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)**

<b>STRUCTURAL DESIGN TRAFFIC:</b>	YEAR 2014		
PV = 16836	SU = 549	MU = 915	
<b>ROAD/STREET CLASSIFICATION:</b>	CLASS I		
<b>PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:</b>			
P = 32	S = 45	M = 45	
<b>TRAFFIC FACTOR:</b>	ACTUAL TF = 4.64	AC TYPE = 20	
	MINIMUM TF = 7.11		
<b>AC GRADE:</b>	BINDER = PG 64-22	SURFACE = SBS 76-22	
<b>SUBGRADE SUPPORT RATING:</b>	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