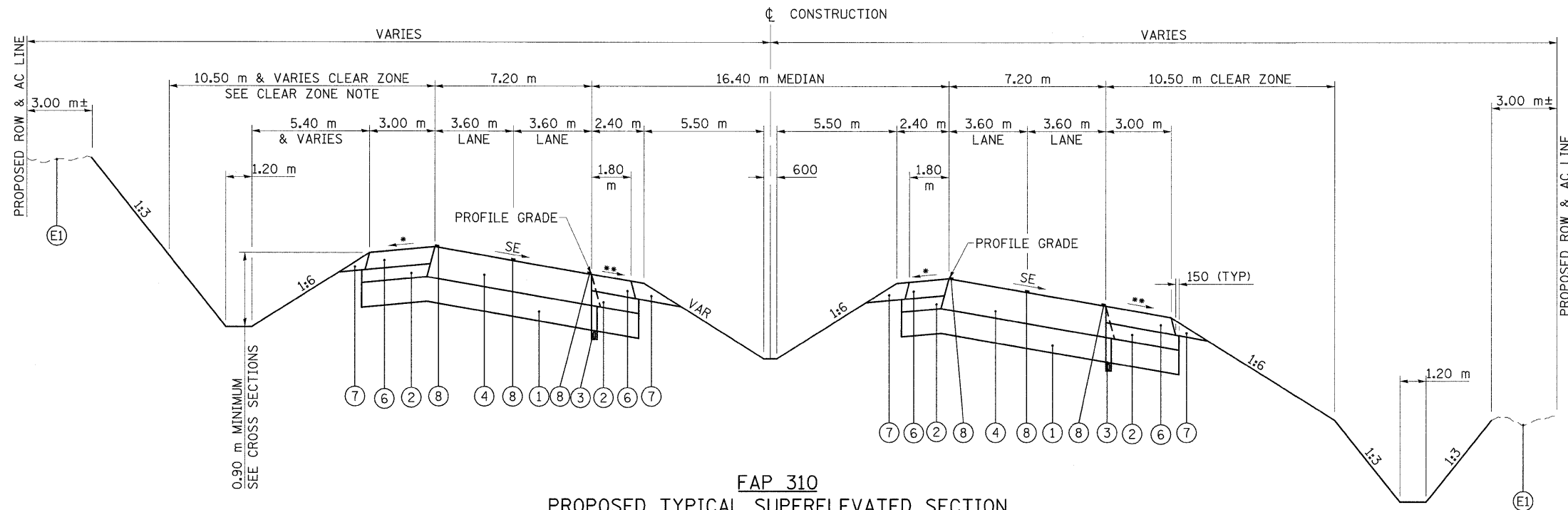


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15, 60-15B	MADISON	474	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76323				



**FAP 310
PROPOSED TYPICAL SUPERELEVATED SECTION**

CURVE NO. 1 (RIGHT)

STA 35+400.000 TO STA 36+839.000 NBL FULL SE (4.1%)
 STA 35+425.000 TO STA 36+839.000 SBL FULL SE (4.1%)
 STA 36+839.000 TO STA 36+919.000 SE TRANSITION

CURVE NO. 2 (LEFT)

STA 37+220.000 TO STA 37+300.000 SE TRANSITION
 STA 37+300.000 TO STA 38+226.000 FULL SE (5.5%)
 STA 38+226.000 TO STA 38+306.000 SE TRANSITION

CURVE NO. 3 (RIGHT)

STA 38+649.000 TO STA 38+729.000 SE TRANSITION
 STA 38+729.000 TO STA 38+789.316 SBL FULL SE (5.5%)
 STA 38+729.000 TO STA 38+790.610 NBL FULL SE (5.5%)
 STA 38+789.316 TO STA 38+798.239 SBL BRIDGE APPROACH PAVEMENT
 STA 38+790.610 TO STA 38+799.695 NBL BRIDGE APPROACH PAVEMENT
 STA 38+799.695 TO STA 38+865.865 NBL BRIDGE OMISSION
 STA 38+798.239 TO STA 38+863.008 SBL BRIDGE OMISSION
 STA 38+865.865 TO STA 38+874.979 NBL BRIDGE APPROACH PAVMENT
 STA 38+874.979 TO STA 39+124.810 NBL FULL SE (5.5%)
 STA 38+863.008 TO STA 38+871.897 SBL BRIDGE APPROACH PAVEMENT
 STA 38+871.897 TO STA 38+943.322 SBL FULL SE (5.5%)
 STA 39+124.810 TO STA 39+133.793 NBL BRIDGE APPROACH PAVEMENT
 STA 39+133.793 TO STA 39+191.756 NBL BRIDGE OMISSION
 STA 39+191.756 TO STA 39+201.033 NBL BRIDGE APPROACH PAVEMENT
 STA 39+201.033 TO STA 39+370.000 NBL FULL SE (5.5%)
 STA 39+410.000 TO STA 39+542.000 SBL FULL SE (5.5%)
 STA 39+542.000 TO STA 39+622.000 SBL SE TRANSITION

CURVE NO. 4 (LEFT)

STA 40+026.000 TO STA 40+106.000 SE TRANSITION
 STA 40+106.000 TO STA 40+478.000 FULL SE (4.8%)
 STA 40+478.000 TO STA 40+558.000 SE TRANSITION

NOTE: WHERE GUARDRAIL IS TO BE INSTALLED, INCREASE SHOULDER WIDTH BY 1.0 m

* 4% AND VARIES, 8% MAXIMUM BREAKOVER

** 4% OR SE, WHICHEVER IS GREATER

CLEAR ZONE ADJUSTED FOR CURVE

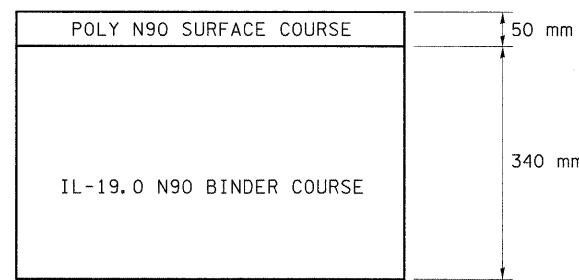
SEE SHEETS 137-142 FOR CLEAR ZONE OFFSETS AND TRANSITIONS

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