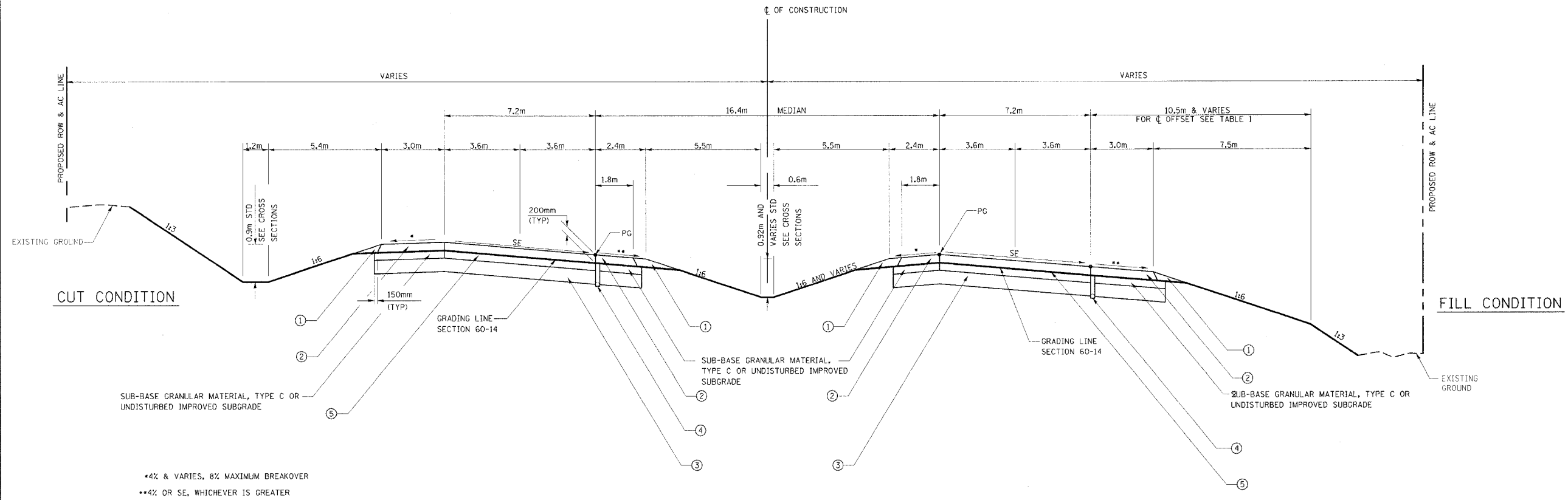


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	4
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



**FAP 310  
PROPOSED TYPICAL SUPERELEVATION SECTION**

**TABLE 1 (OFFSETS TO THE CLEAR ZONE)**

STATION	DISTANCE FROM CL (m)	STATION	DISTANCE FROM CL (m)
<b>CURVE P_ALN1MNL-2 - RIGHT SIDE</b>			
30+908.196 PC	25.900	32+495.931 PT	25.900
30+920.000	26.362	32+480.000	26.524
30+940.000	27.146	32+460.000	27.507
30+960.000	27.929	32+440.000	28.090
30+974.573	28.500	32+429.533	28.500
<b>CURVE P_ALN1MNL-3 - LEFT SIDE</b>			
31+313.812 PT	28.500	31+663.007 PC	28.500
31+320.000	28.389	31+660.000	28.446
31+340.000	28.030	31+640.000	28.087
31+360.000	27.672	31+620.000	27.729
31+380.000	27.313	31+600.000	27.370
31+400.000	26.955	31+580.000	27.012
31+420.000	26.596	31+560.000	26.653
31+440.000	26.237	31+540.000	26.294
31+458.812	25.900	31+520.000	25.936
		31+518.007	25.900
<b>CURVE P_ALN1MNL-4 - RIGHT SIDE</b>			
32+709.312 PC	25.900	33+822.421 PC	25.900
32+720.000	26.319	33+840.000	26.934
32+740.000	27.102	33+860.000	28.111
32+760.000	27.885	33+880.000	29.287
32+775.709	28.500	33+893.821	30.100
<b>CURVE P_ALN1MNL-5 - LEFT SIDE</b>			
33+143.035 PT	28.500	34+146.898 PT	30.100
33+160.000	28.196	34+160.000	29.720
33+180.000	27.837	34+180.000	29.141
33+200.000	27.479	34+200.000	28.562
33+220.000	27.120	34+220.000	27.983
33+240.000	26.761	34+240.000	27.403
33+260.000	26.403	34+260.000	26.824
33+280.000	26.044	34+280.000	26.245
33+288.035	25.900	34+291.898	25.900

- CURVE P\_ALN1MNL-2 (SE=5.2%)**  
STA 30+908.196 TO STA 31+370.862
- CURVE P\_ALN1MNL-3 (SE=5.2%)**  
STA 31+605.957 TO STA 31+979.000  
STA 32+105.000 TO STA 32+574.431
- CURVE P\_ALN1MNL-4 (SE=5.2%)**  
STA 32+652.262 TO STA 33+000.000  
STA 33+090.000 TO STA 33+200.085
- CURVE P\_ALN1MNL-5 (SE=5.9%)**  
STA 33+965.000 TO STA 34+203.948

NOTE: FOR FURTHER INFORMATION REGARDING SE, SEE CURVE DATA ON PLAN SHEETS AND PAVEMENT ELEVATIONS ON SHEET NO. 24

**FOR INFORMATION ONLY  
LEGEND**

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

**FOR INFORMATION ONLY**

**STRUCTURAL DESIGN INFORMATION  
FAP 310**

ROAD CLASSIFICATION: CLASS 1

STRUCTURAL DESIGN TRAFFIC:  
PV=17,940 SU=585 MU=975

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE  
P=32% S=45% M=45%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM  $T_F = 7.11$

SELECTED DESIGN AC TYPE 20  
AC THICKNESS 425mm  
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm  
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**

FAP ROUTE 310  
FAP ROUTE 310 SECTION 60-14, 60-14-1B  
MADISON COUNTY

DRAWN BY BANDY  
CHECKED BY STEUART  
DATE