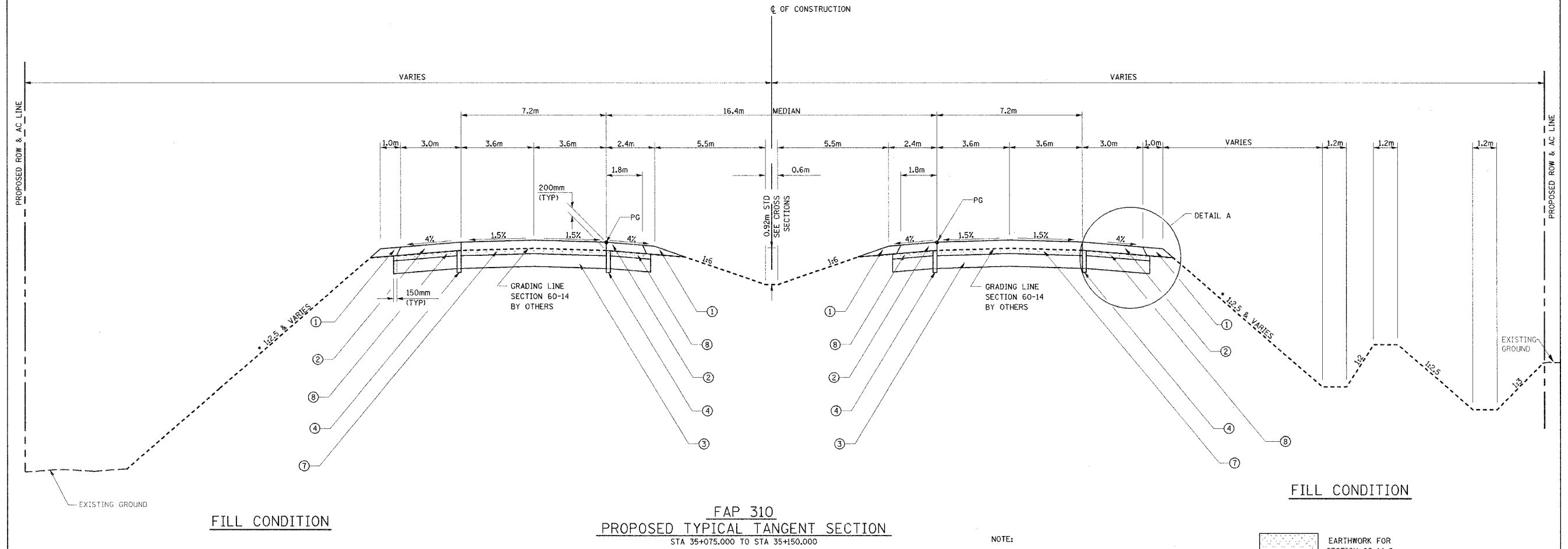


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	418	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
SECTION 60-14-2 & 60-14-25 CONTRACT NO. 76986				

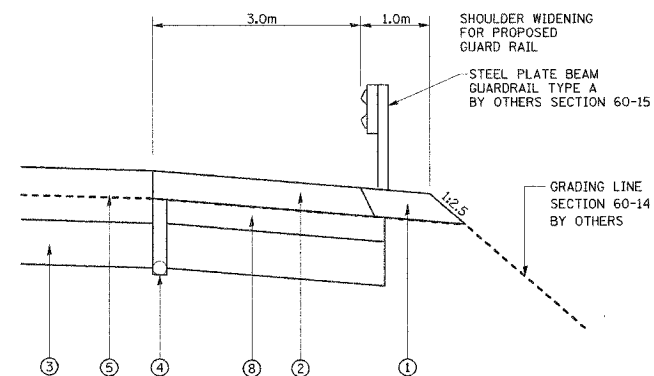


FAP 310
PROPOSED TYPICAL TANGENT SECTION
STA 35+075.000 TO STA 35+150.000

NOTE:
• SEE CROSS SECTIONS FOR ACTUAL SLOPE.

EARTHWORK FOR SECTION 60-14-2

- LEGEND**
- ① AGGREGATE SHOULDER, TYPE B
 - ② HOT-MIX ASPHALT SHOULDERS, 200mm
 - ③ PROCESSING MODIFIED SOILS 300mm
 - ④ PIPE UNDERDRAIN PERFORATED CORRUGATED POLYETHYLENE TUBING, 100mm SPECIAL
 - ⑤ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 280mm
 - ⑥ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 350mm
 - ⑦ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 380mm
 - ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C



DETAIL A

TABLE 2

PROPOSED THICKNESS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH)

STA 30+760.000 TO STA 32+895.000	- 380mm
STA 32+895.000 TO STA 33+700.000	- 280mm
STA 33+700.000 TO STA 35+150.000	- 380mm

PROPOSED THICKNESS SUB-BASE GRANULAR MATERIAL

STA 30+760.000 TO STA 32+895.000	- 180mm
STA 32+895.000 TO STA 33+700.000	- 80mm
STA 33+700.000 TO STA 35+150.000	- 180mm

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 SEE TABLE 2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, VARIES
HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 50mm

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14
MADISON COUNTY

DATE
DRAWN BY BANDY
CHECKED BY STEUART