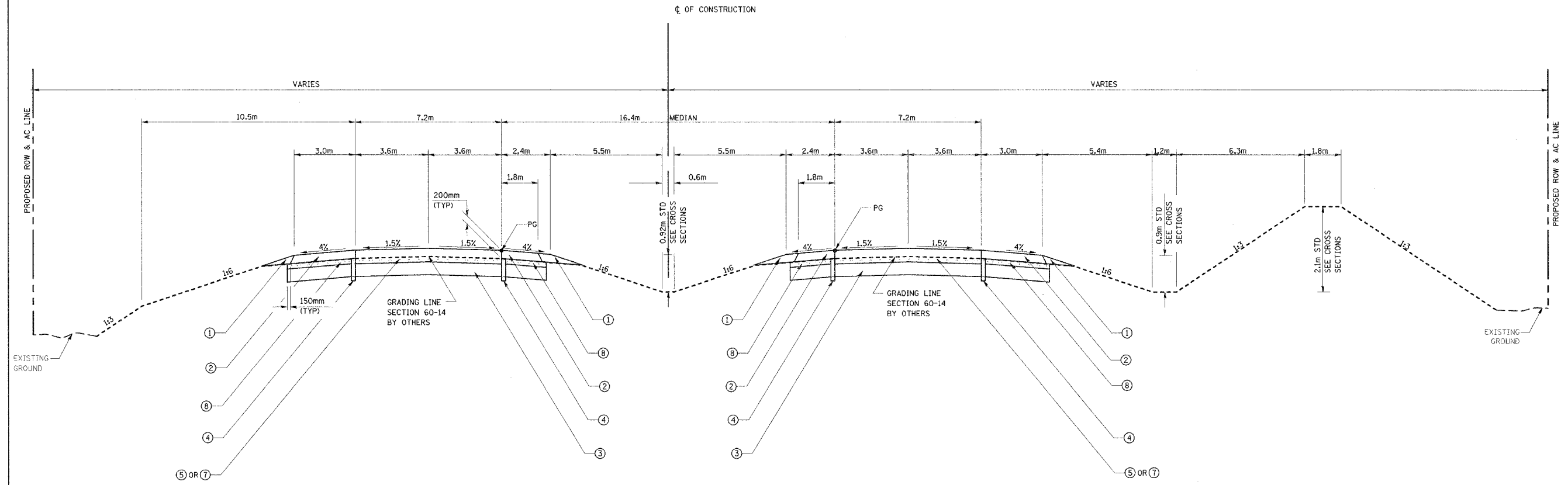


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	418	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* SECTION 60-14-2 & 60-14-2B CONTRACT NO. 76986				



FAP 310
PROPOSED TYPICAL TANGENT SECTION
STA 33+510.000 TO STA 33+765.371

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

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14-2, 60-14-2B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART

DATE