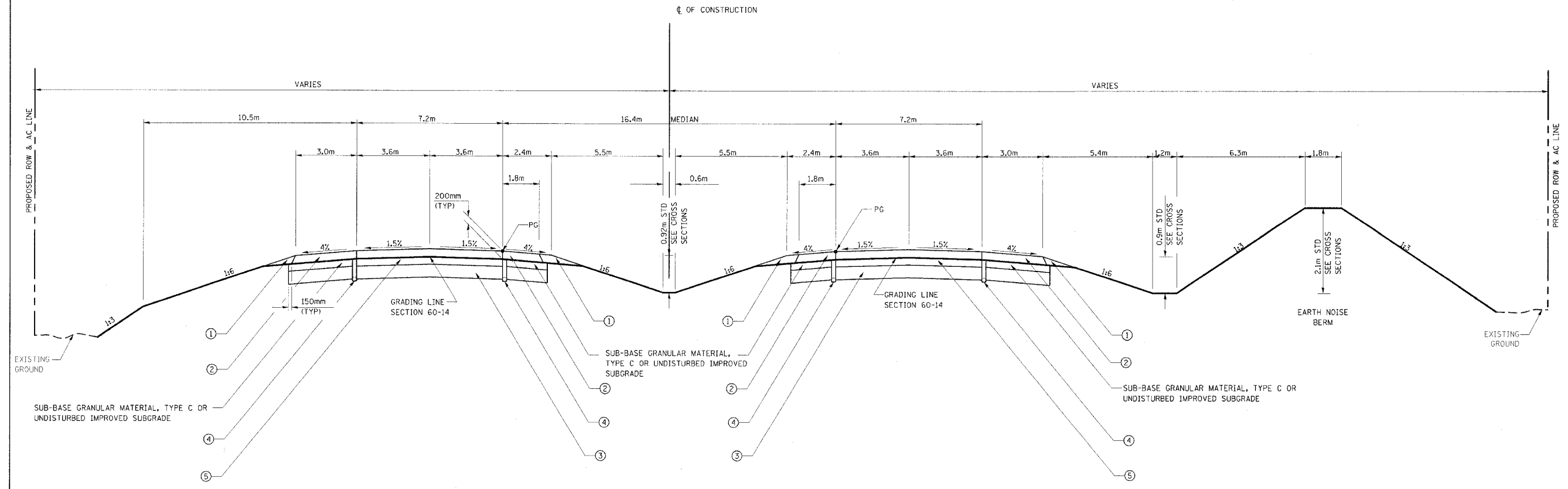


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



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

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

DRAWN BY BANDY
 CHECKED BY STEUART

DATE