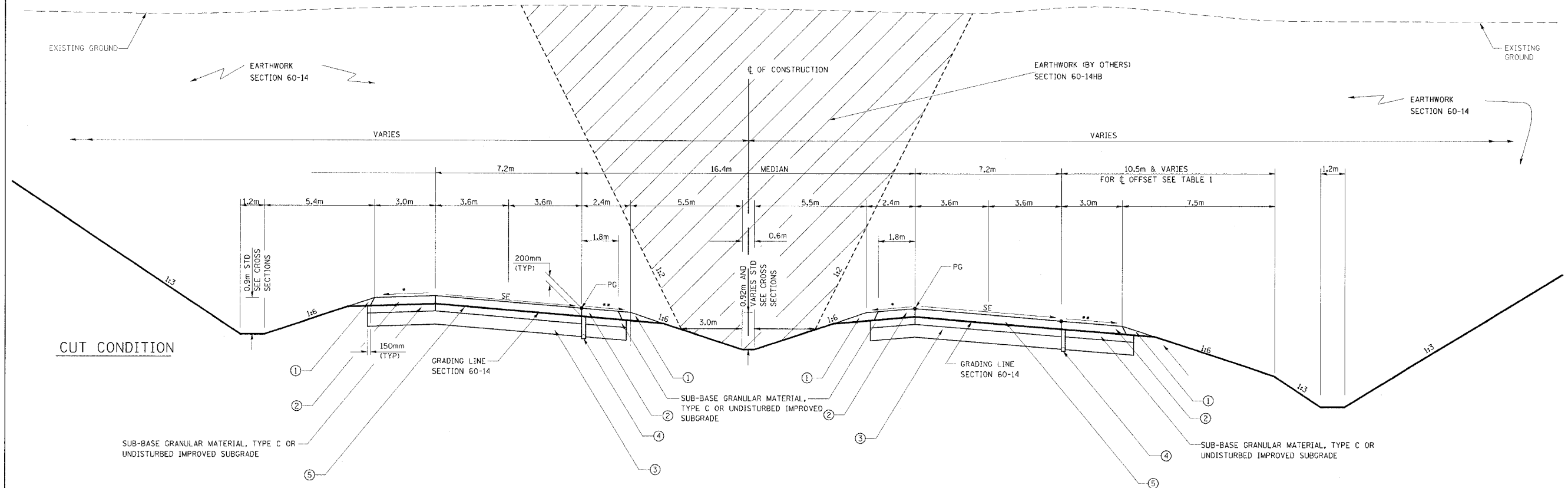


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14	MADISON	452	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



*4% & VARIES, 8% MAXIMUM BREAKOVER
 **4% OR SE, WHICHEVER IS GREATER

FAP 310
PROPOSED TYPICAL SUPERELEVATION SECTION
CURVE P_ALN1MNL-4 (SE=5.2%)
 STA 31+979.000 TO STA 32+105.000

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