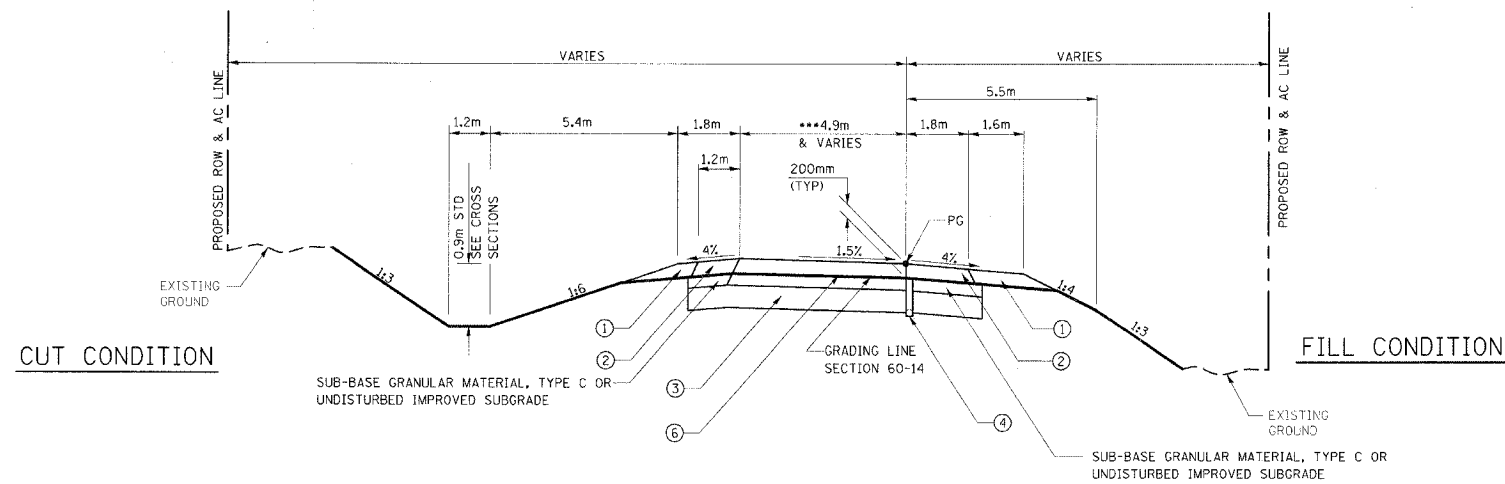


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	SECTION 60-14	SECTION 60-14-1B	CONTRACT NO. 76321	



*** RAMP 3 PAVEMENT WIDTH VARIES FROM 6.4m TO 4.9m

**INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION**

RAMP NO 3

STA 1+049.251 TO STA 1+200.937
STA 1+400.515 TO STA 1+710.585

**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
SEMINARY ROAD
INTERCHANGE RAMPS**

ROAD CLASSIFICATION: CLASS 1

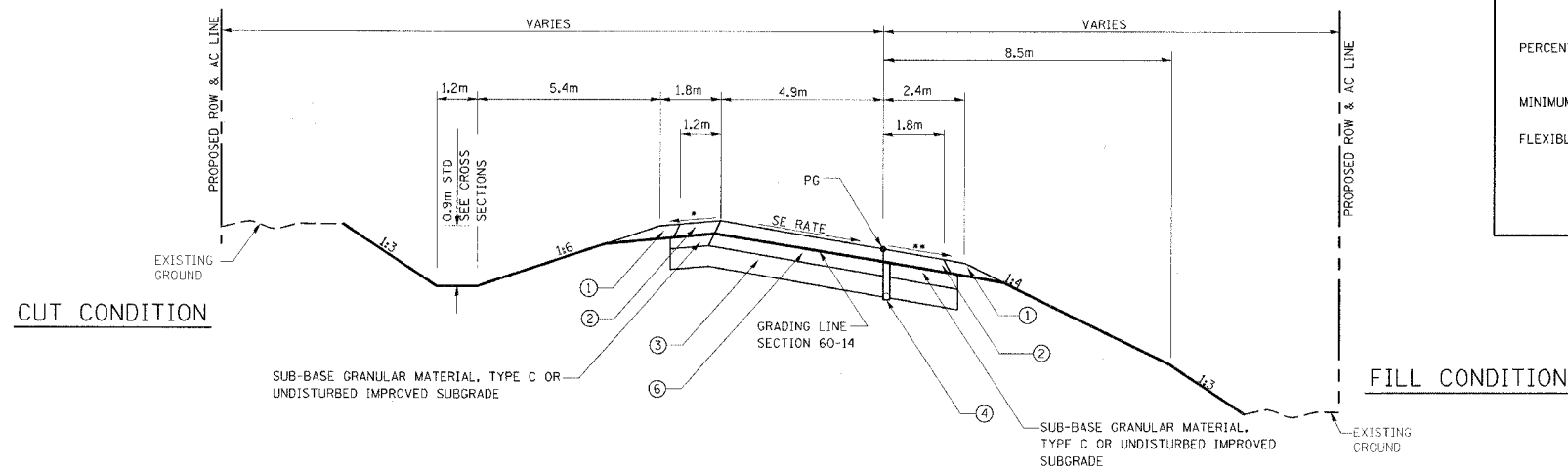
STRUCTURAL DESIGN TRAFFIC:
PV=5,225 SU=165 MU=110

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=100% S=100% M=100%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F=7.90$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 400mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 350mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm



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

**INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION**

RAMP NO 3

STA 1+200.937 TO STA 1+280.937 SE TRANSITION
STA 1+280.937 TO STA 1+320.515 FULL SE
STA 1+320.515 TO STA 1+400.515 SE TRANSITION

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

TYPICAL SECTIONS, RAMP NO 3, FAP ROUTE 310