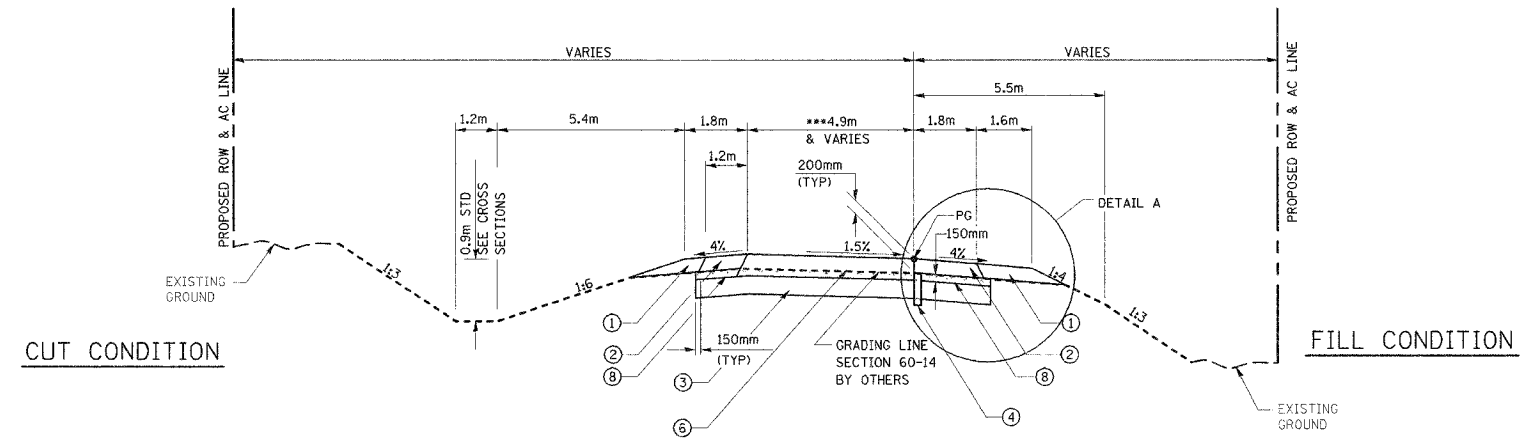
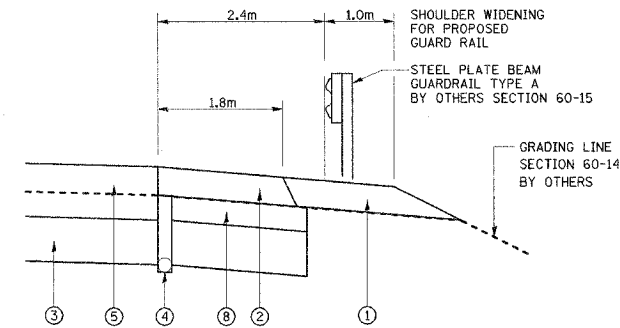


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	418	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* SECTION 60-14-2 & 60-14-2B		CONTRACT NO. 76986		



**INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION**

RAMP NO 3
STA 1+049.251 TO STA 1+200.937



DETAIL A
BEGIN AT STA 1+477.951

LEGEND

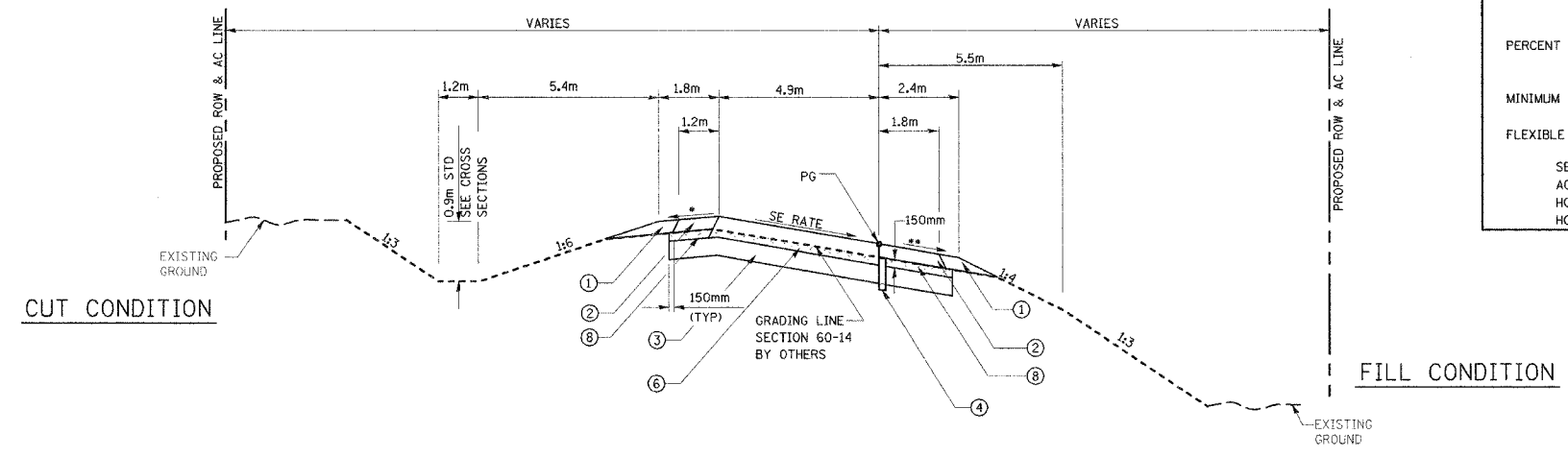
- ① AGGREGATE SHOULDER, TYPE B
- ② HOT-MIX ASPHALT SHOULDERS, 200mm
- ③ PROCESSING MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN PERFORATED CORRUGATED POLYETHYLENE TUBING, 100mm SPECIAL
- ⑤ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 280mm
- ⑥ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 350mm
- ⑦ HOT-MIX ASPHALT PAVEMENT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

EARTHWORK FOR SECTION 60-14-2

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

**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 350mm
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 300mm
 HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 50mm



**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+330.392 SE TRANSITION

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

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