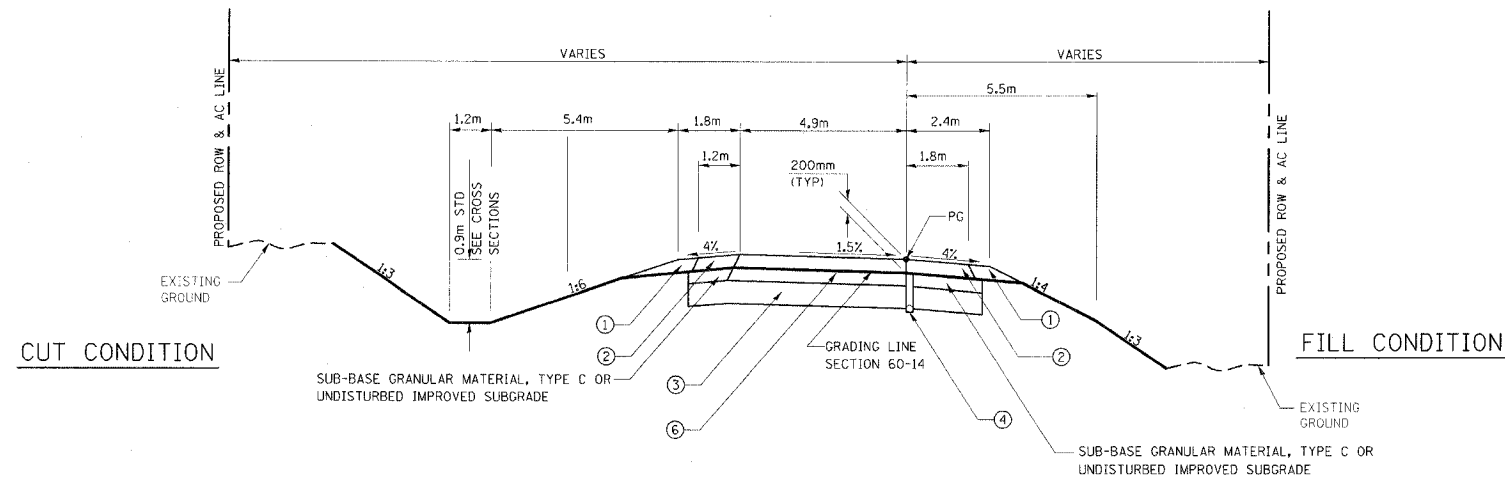


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



**INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION**

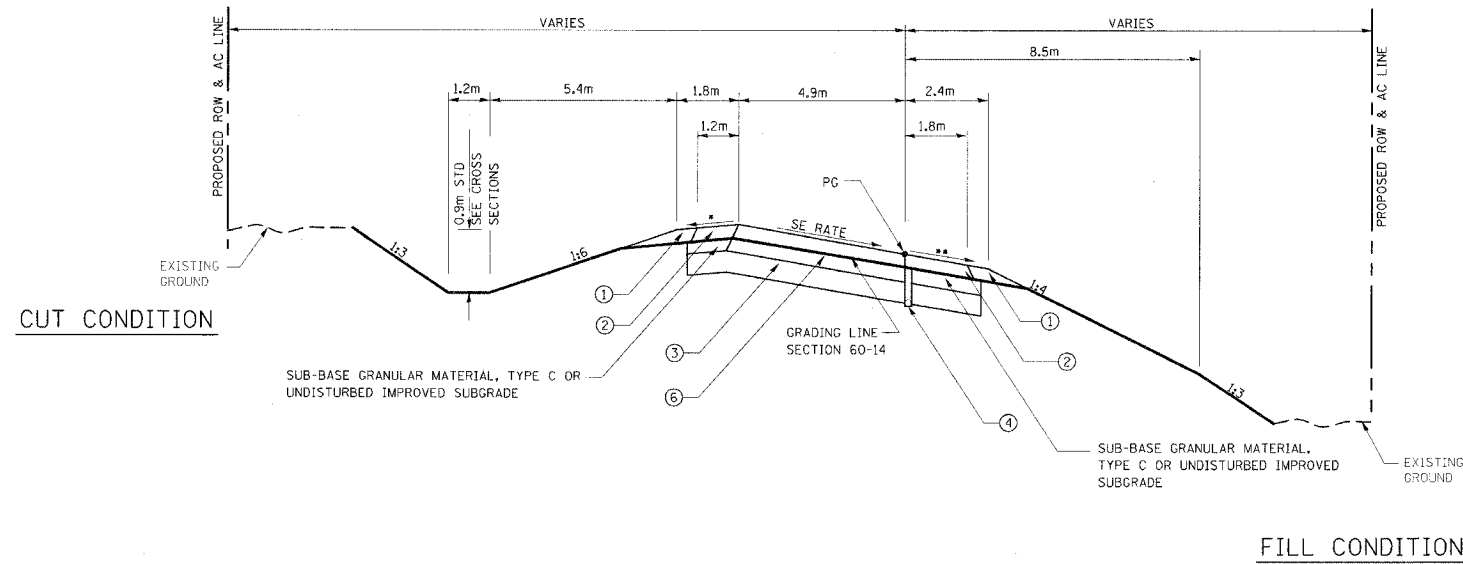
RAMP NO 4

STA 1+000.000 TO STA 1+189.877
STA 1+386.918 TO STA 1+490.798

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



**INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION**

RAMP NO 4

STA 1+189.877 TO STA 1+269.877 SE TRANSITION
STA 1+269.877 TO STA 1+306.918 FULL SE
STA 1+306.918 TO STA 1+386.918 SE TRANSITION

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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS
NAME	DATE	
		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 4, FAP ROUTE 310