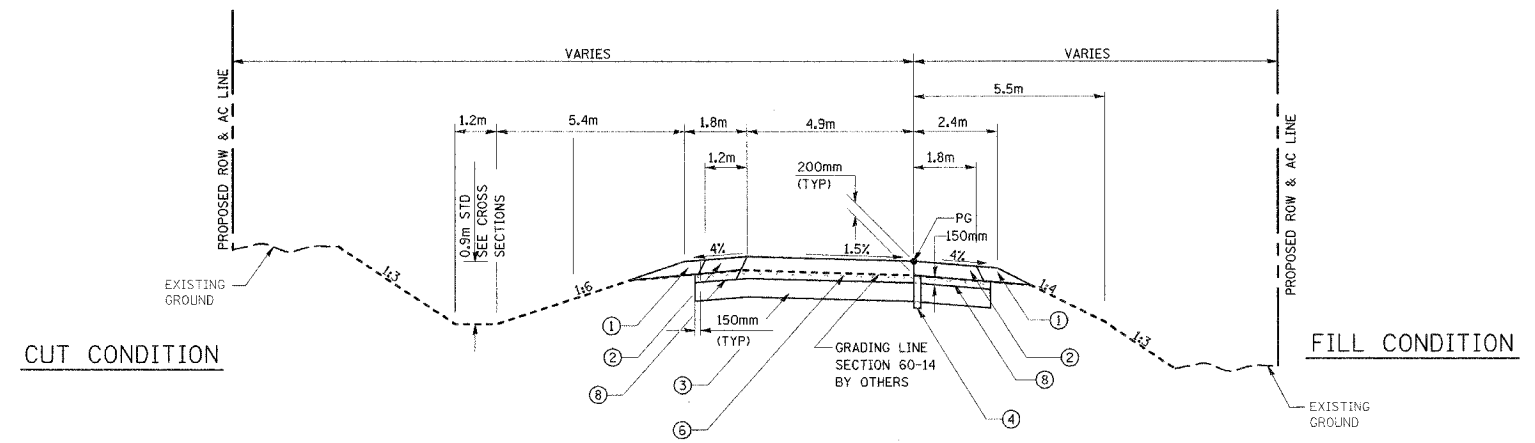


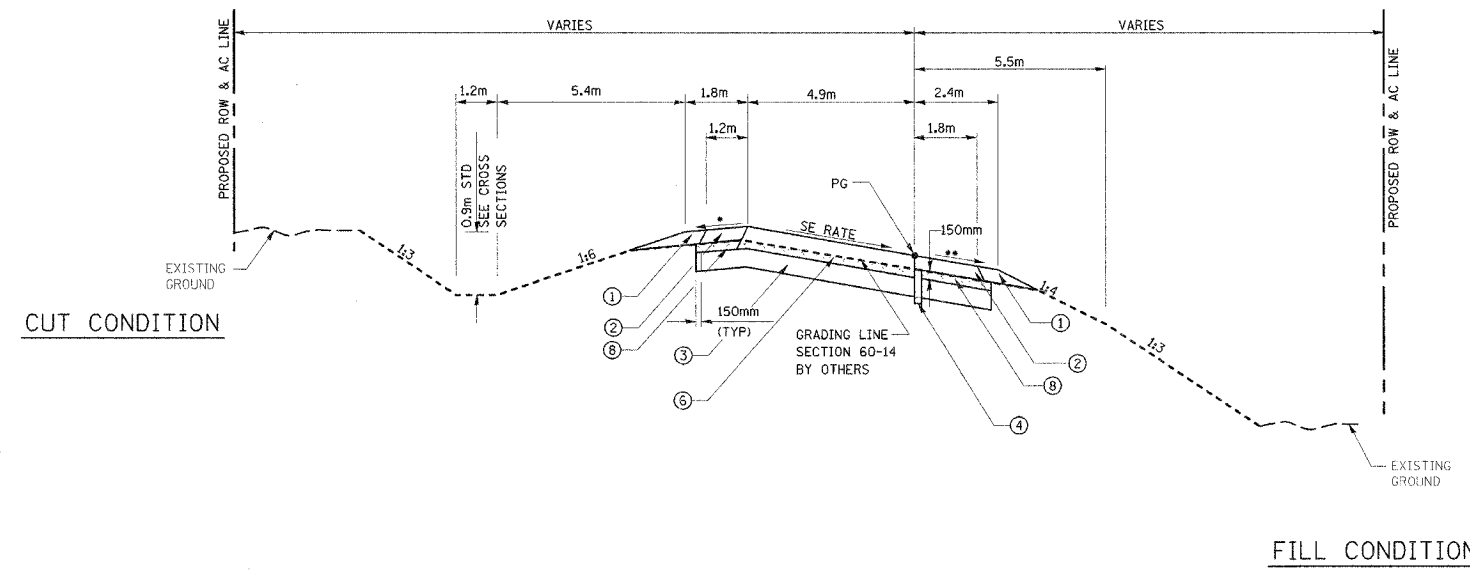
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	418	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14-2 & 60-14-2B CONTRACT NO. 76986				



INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION
RAMP NO 4
STA 1+386.918 TO STA 1+490.798

- 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



INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION
RAMP NO 4
STA 1+199.964 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

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 $T_{Ff} = 7.90$

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

* 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