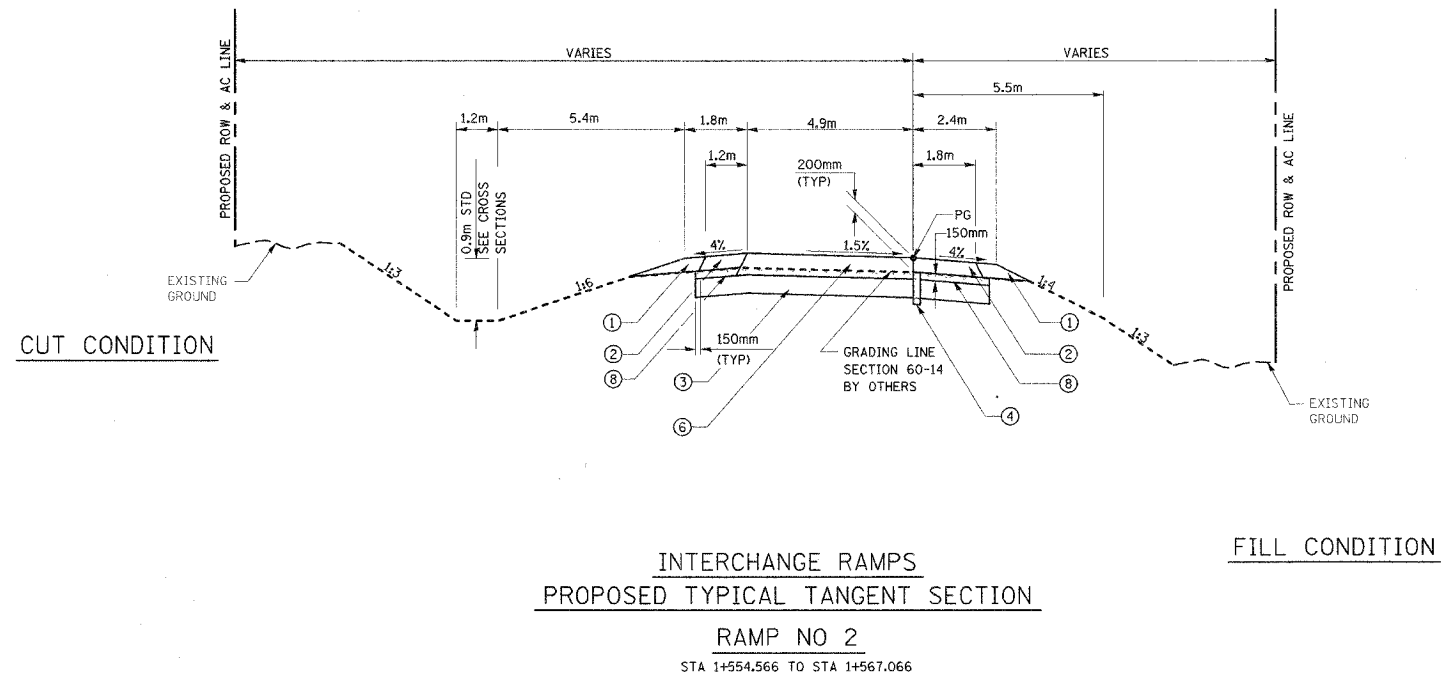
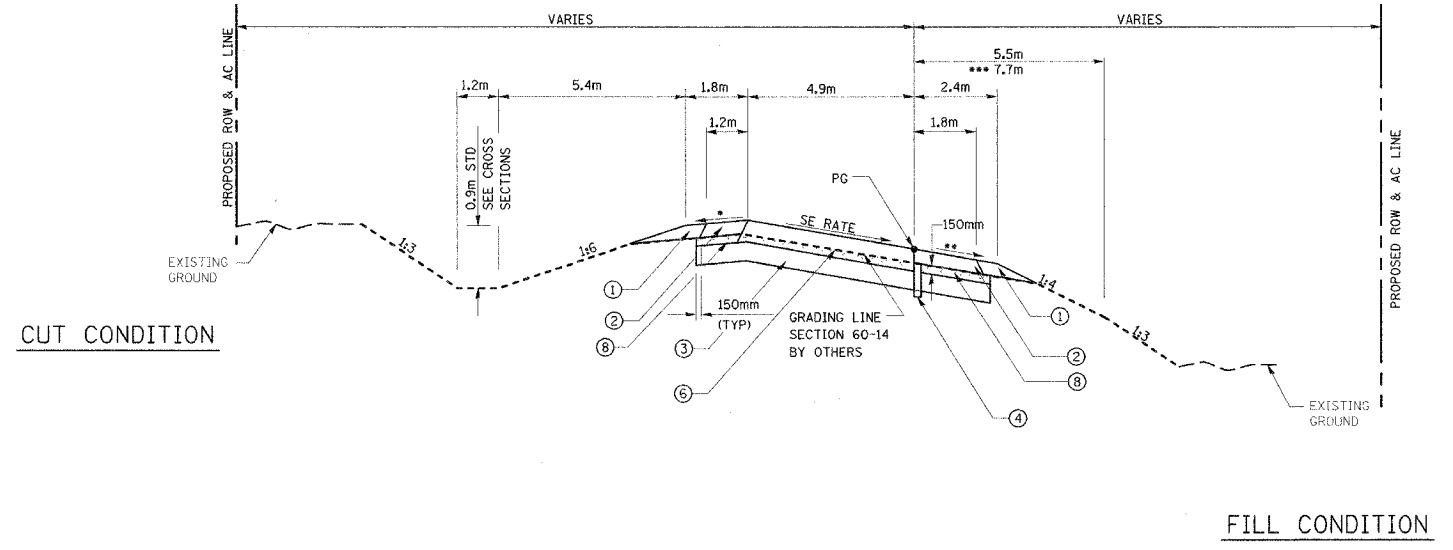


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	418	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14-2 & 60-14-2B				
CONTRACT NO. 76986				



**INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION**

RAMP NO 2
STA 1+554.566 TO STA 1+567.066



**INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION**

RAMP NO 2

CURVE RIGHT #1
STA 1+205.851 TO STA 1+269.221 SE TRANSITION
STA 1+269.221 TO STA 1+337.331 FULL SE
STA 1+337.331 TO STA 1+417.331 SE TRANSITION

CURVE LEFT #2 ***
STA 1+417.331 TO STA 1+481.714 SE TRANSITION
STA 1+481.714 TO STA 1+489.566 FULL SE
STA 1+489.566 TO STA 1+554.566 SE TRANSITION

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

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

EARTHWORK FOR SECTION 60-14-2

**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

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