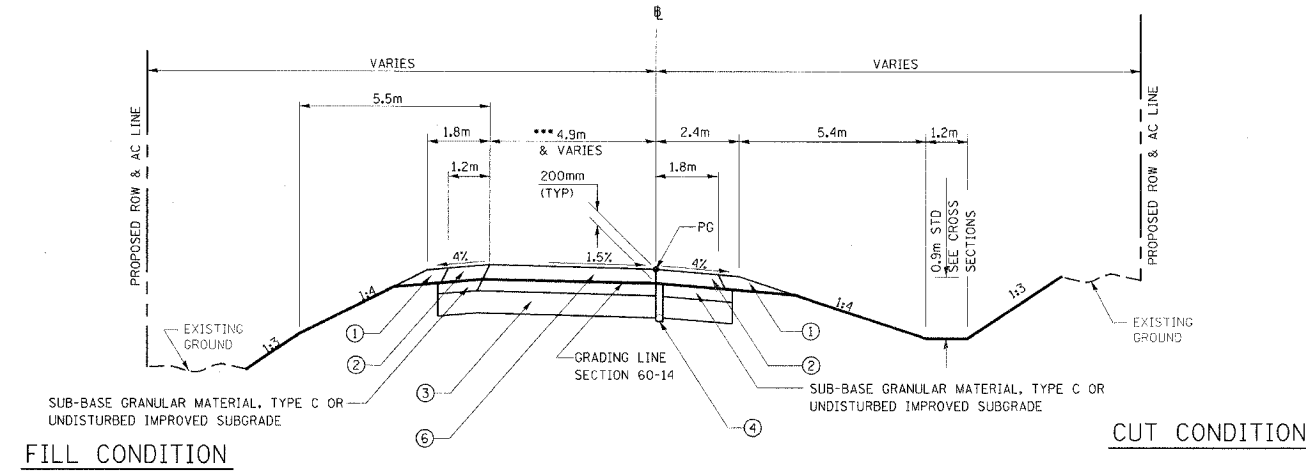


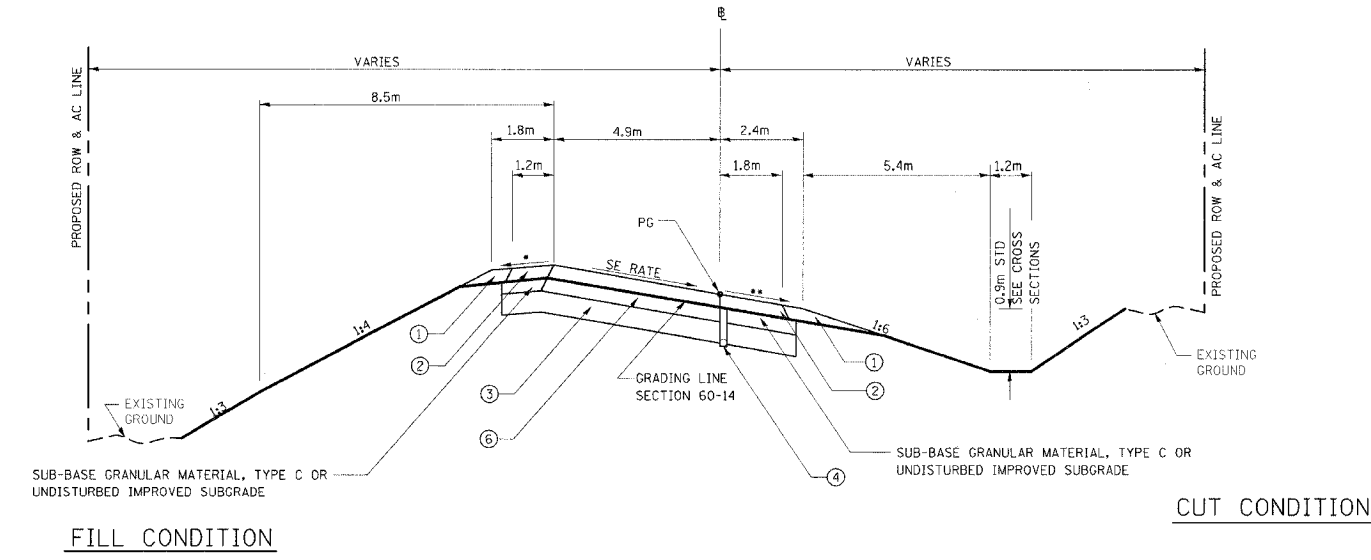
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	10
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321		



- 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 TANGENT SECTION**  
**RAMP NO 1**  
STA 1+043.718 TO STA 1+276.131

\*\*\* RAMP 1 PAVEMENT WIDTH VARIES FROM 6.4m TO 4.9m



**INTERCHANGE RAMPS**  
**PROPOSED TYPICAL SUPERELEVATED SECTION**  
**RAMP NO 1**

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

- STA 1+276.131 TO STA 1+356.131 SE TRANSITION
- STA 1+356.131 TO STA 1+367.042 FULL SE
- STA 1+367.042 TO STA 1+407.042 SE TRANSITION
- STA 1+407.042 TO STA 1+449.527 SE TRANSITION
- STA 1+449.527 TO STA 1+467.042 FULL SE
- STA 1+467.042 TO STA 1+496.058 SE TRANSITION
- STA 1+496.058 TO STA 1+752.511 FULL SE
- STA 1+752.511 TO STA 1+757.042 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<sub>F</sub>=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

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