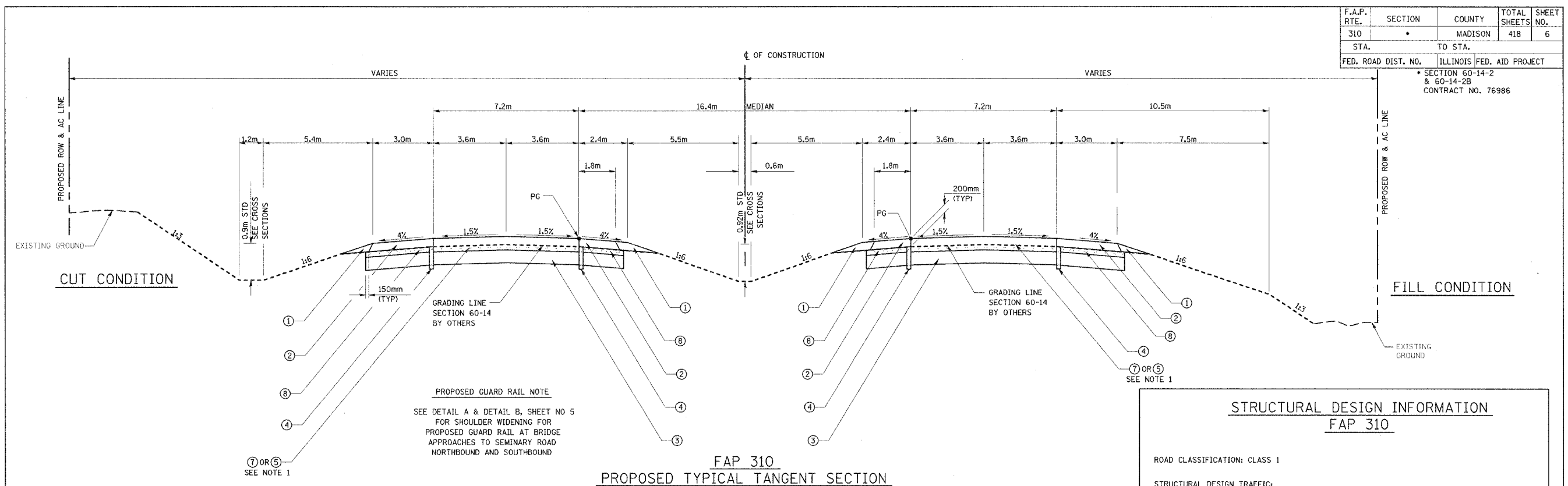


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	418	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SECTION 60-14-2 & 60-14-2B  
CONTRACT NO. 76986



**TABLE 2**

PROPOSED THICKNESS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH)

STA 30+760.000 TO STA 32+895.000 - 380mm  
 STA 32+895.000 TO STA 33+700.000 - 280mm  
 STA 33+700.000 TO STA 35+150.000 - 380mm

PROPOSED THICKNESS SUB-BASE GRANULAR MATERIAL

STA 30+760.000 TO STA 32+895.000 - 180mm  
 STA 32+895.000 TO STA 33+700.000 - 80mm  
 STA 33+700.000 TO STA 35+150.000 - 180mm

FAP 310  
 PROPOSED TYPICAL TANGENT SECTION  
 STA 31+370.862 TO STA 31+605.957  
 STA 32+574.431 TO STA 32+652.262  
 STA 33+200.085 TO STA 33+510.000  
 STA 34+203.948 TO STA 34+375.001  
 STA 34+548.963 TO STA 35+075.000

**STRUCTURAL DESIGN INFORMATION**  
 FAP 310

ROAD CLASSIFICATION: CLASS 1

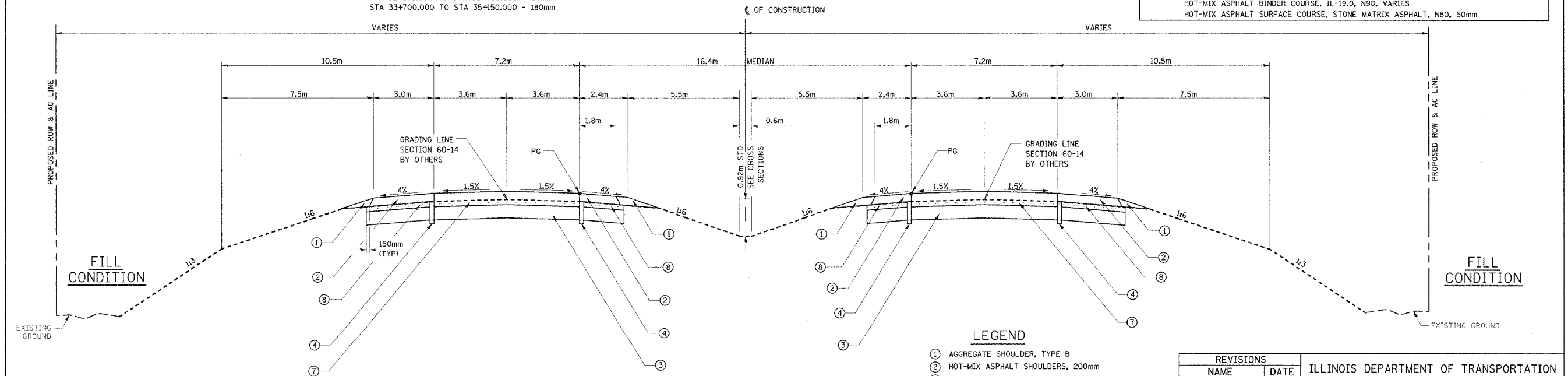
STRUCTURAL DESIGN TRAFFIC:  
 PV=17,940 SU=585 MU=975

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE  
 P=32% S=45% M=45%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM  $T_F = 7.11$

SELECTED DESIGN AC TYPE 20  
 AC THICKNESS SEE TABLE 2  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, VARIES  
 HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 50mm



- 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

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