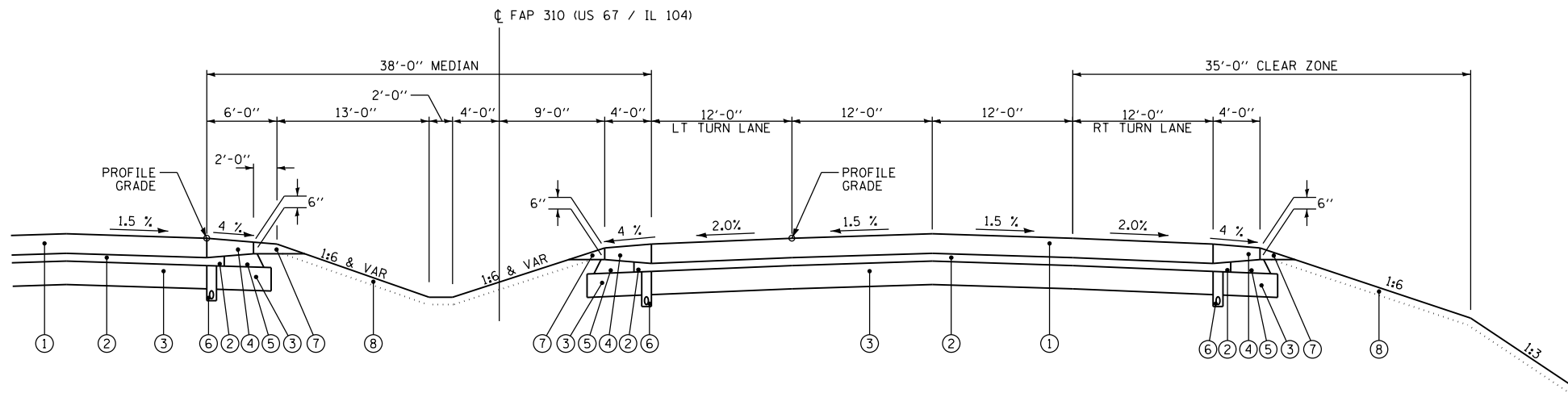


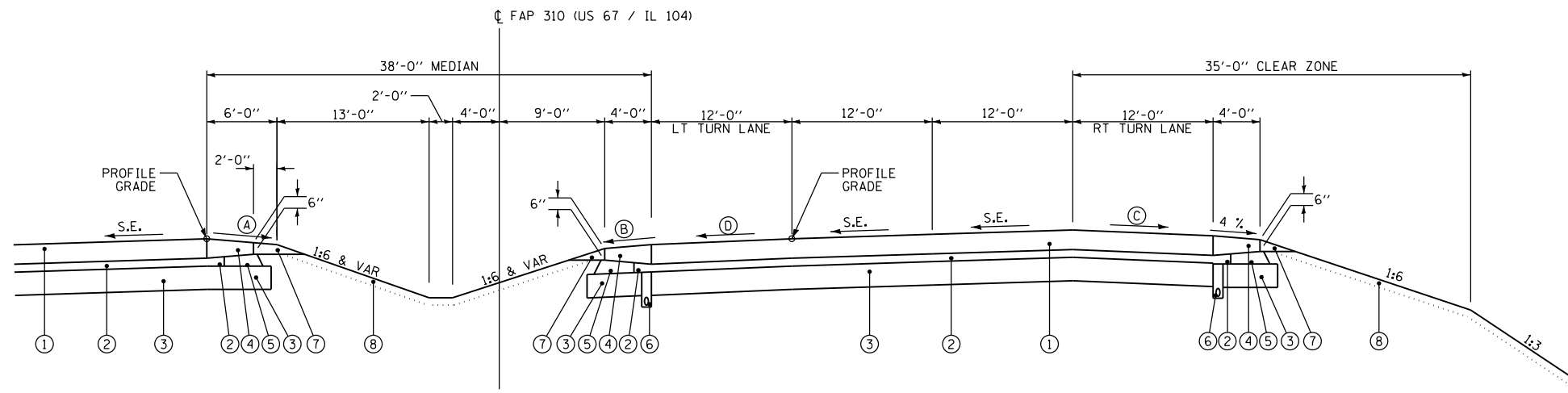
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

3:57:32 PM

Mar-25-2011 03:57:32PM

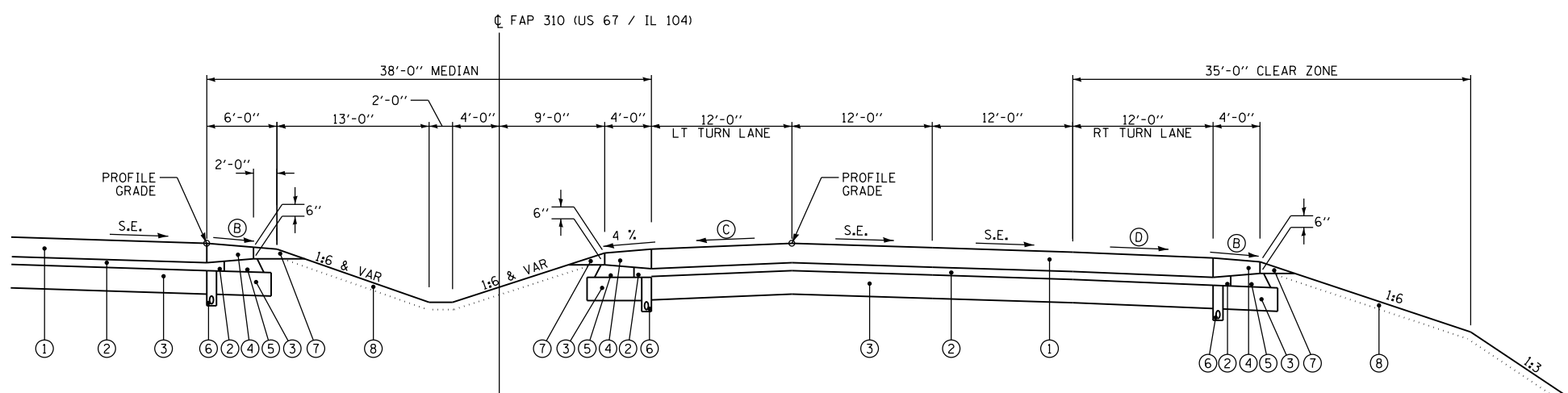


TYPICAL TURN LANE SECTION (FAP 310)



TYPICAL SUPERELEVATED TURN LANE SECTION (FAP 310)

LT TURN LANE ON LOW SIDE  
RT TURN LANE ON HIGH SIDE



TYPICAL SUPERELEVATED TURN LANE SECTION (FAP 310)

LT TURN LANE ON HIGH SIDE  
RT TURN LANE ON LOW SIDE

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) - STD 420101
  - ② STABILIZED SUB-BASE 4"
  - ③ LIME MODIFIED SOIL 12"
  - ④ PORTLAND CEMENT CONCRETE SHOULDERS 10" - STD 483001 WITH RUMBLE STRIPS - STD 642001
  - ⑤ SUB-BASE GRANULAR MATERIAL, TYPE C
  - ⑥ PIPE UNDERDRAINS 6" - STD 601001
  - ⑦ AGGREGATE SHOULDERS, TYPE B
  - ⑧ TOPSOIL FURNISH AND PLACE, 4"
- (A) SHOULDER SLOPE - HIGH SIDE OF S.E.: WHEN THE S.E. RATE OF THE PAVEMENT IS BETWEEN 0 AND 4% THE SHOULDER SHALL BE SLOPED AT 4%. WHEN S.E. RATE OF THE PAVEMENT EXCEEDS 4% THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND THE SHOULDER SHALL BE 8%.
  - (B) SHOULDER SLOPE - LOW SIDE OF S.E.: SLOPE SHALL BE THE SAME AS THE S.E. BUT NOT LESS THAN 4%.
  - (C) TURN LANE SLOPE - HIGH SIDE OF S.E.: WHEN THE S.E. RATE OF THE PAVEMENT IS BETWEEN 0 AND 2% THE TURN LANE SHALL BE SLOPED AT 2%. WHEN S.E. RATE OF THE PAVEMENT EXCEEDS 2% THE TURN LANE SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND THE TURN LANE SHALL BE 4%.
  - (D) TURN LANE SLOPE - LOW SIDE OF S.E.: SLOPE SHALL BE THE SAME AS THE S.E. BUT NOT LESS THAN 2.0%.

STRUCTURAL DESIGN INFORMATION (FAP 310)

ROAD CLASSIFICATION: CLASS I  
 STRUCTURAL DESIGN TRAFFIC:  
 PU = 12,768 SU = 456 MU = 1976  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 PU = 32 SU = 45 MU = 45  
 MINIMUM SUBGRADE SUPPORT RATING: POOR  
 RIGID PAVEMENT DESIGN: MINIMUM TF = 10.05  
 PCC THICKNESS 10"

NOTE: NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 FAP 310 (US 67/IL 104)  
 SHEET 6 OF 24  
 DATE 4/2009  
 DRAWN BY SEB  
 CHECKED BY

\$FILE\$