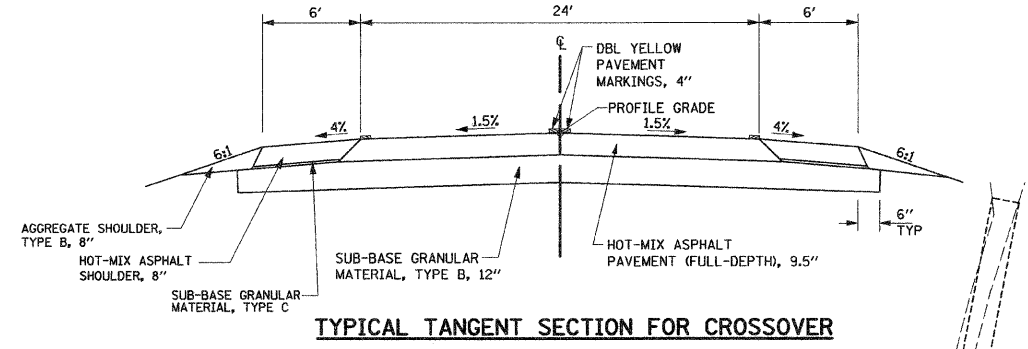


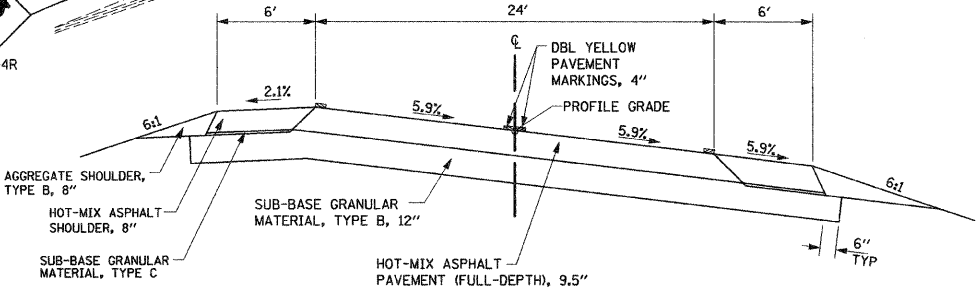
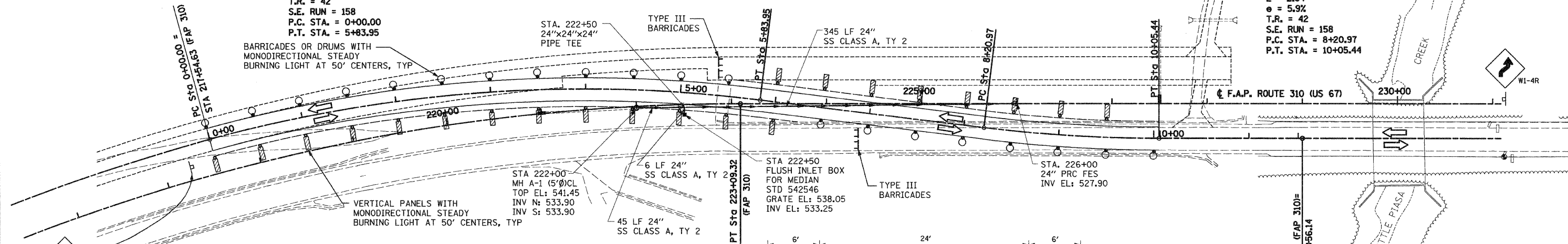
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-16	MADISON	662	92
STA. 207+40		TO STA. 240+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76311				

**CROSS OVER CURVE DATA**  
 PI STA. = 2+95.72  
 $\Delta = 22^\circ 18' 19''$  (RT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 295.72'$   
 $L = 583.95'$   
 $E = 28.87'$   
 $e = 5.9\%$   
 $T.R. = 42$   
 $S.E. RUN = 158$   
 $P.C. STA. = 0+00.00$   
 $P.T. STA. = 5+83.95$

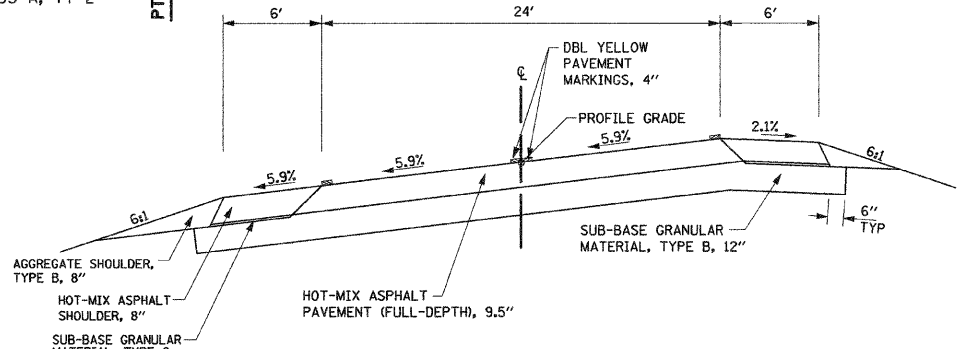
**CROSS OVER CURVE DATA**  
 PI STA. = 9+13.32  
 $\Delta = 7^\circ 02' 46''$  (LT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 92.35'$   
 $L = 184.47'$   
 $E = 2.84'$   
 $e = 5.9\%$   
 $T.R. = 42$   
 $S.E. RUN = 158$   
 $P.C. STA. = 8+20.97$   
 $P.T. STA. = 10+05.44$



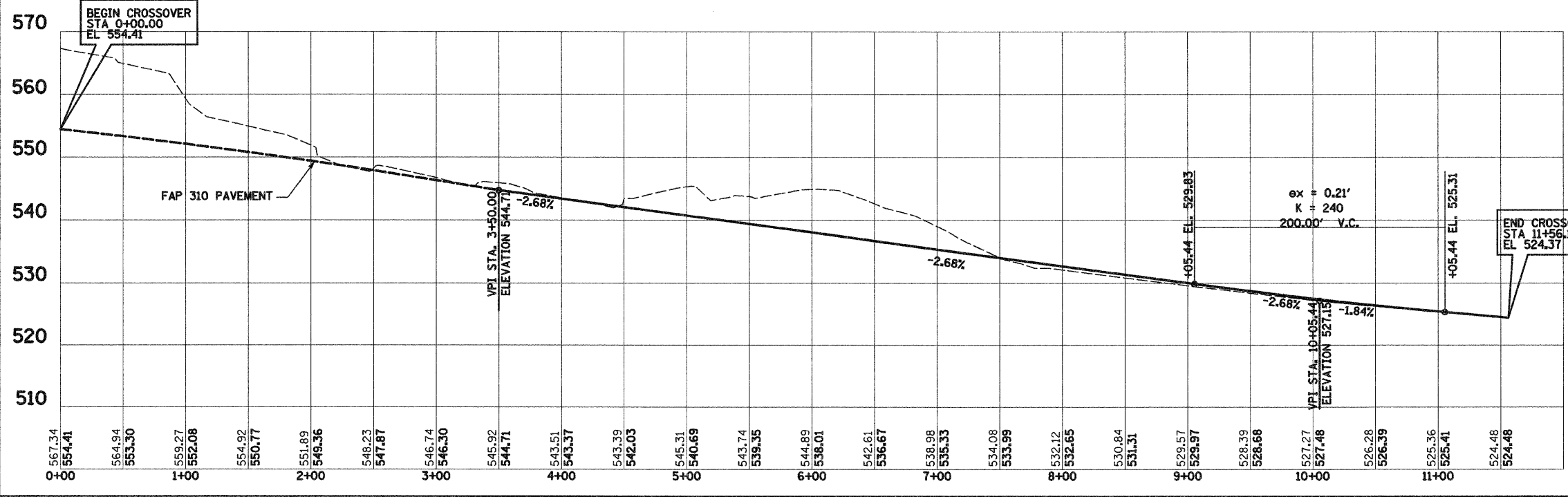
TYPICAL TANGENT SECTION FOR CROSSOVER



TYPICAL SUPER ELEVATION SECTION FOR CROSSOVER

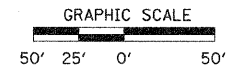


TYPICAL SUPER ELEVATION SECTION FOR CROSSOVER



ADDITIONAL SIGNING AND TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION, SPECIAL 1 (SEE SHEET 94 FOR DETAILS)

- ▲ Sign
- Barricade or drum with monodirectional steady burning light
- ▨ Vertical panel with Monodirectional Steady Burning Lights
- T Type III barricade with Flashers
- ⚡ Flashing Light
- ➔ Arrow Board
- TT Directional Indicator Barricades



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

# CROSS OVER DETAIL NO. 4 STAGE 2

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 09-04-09

DRAWN BY: T.W.C.  
 CHECKED BY: J.J.C.