

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WILLIAMSON	917	724
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* I-57, & OLD IL 13 (FAU 9629)				
** (X1-6-2)VB-2,(X1-6)HBK-2				

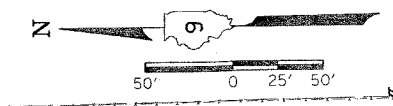
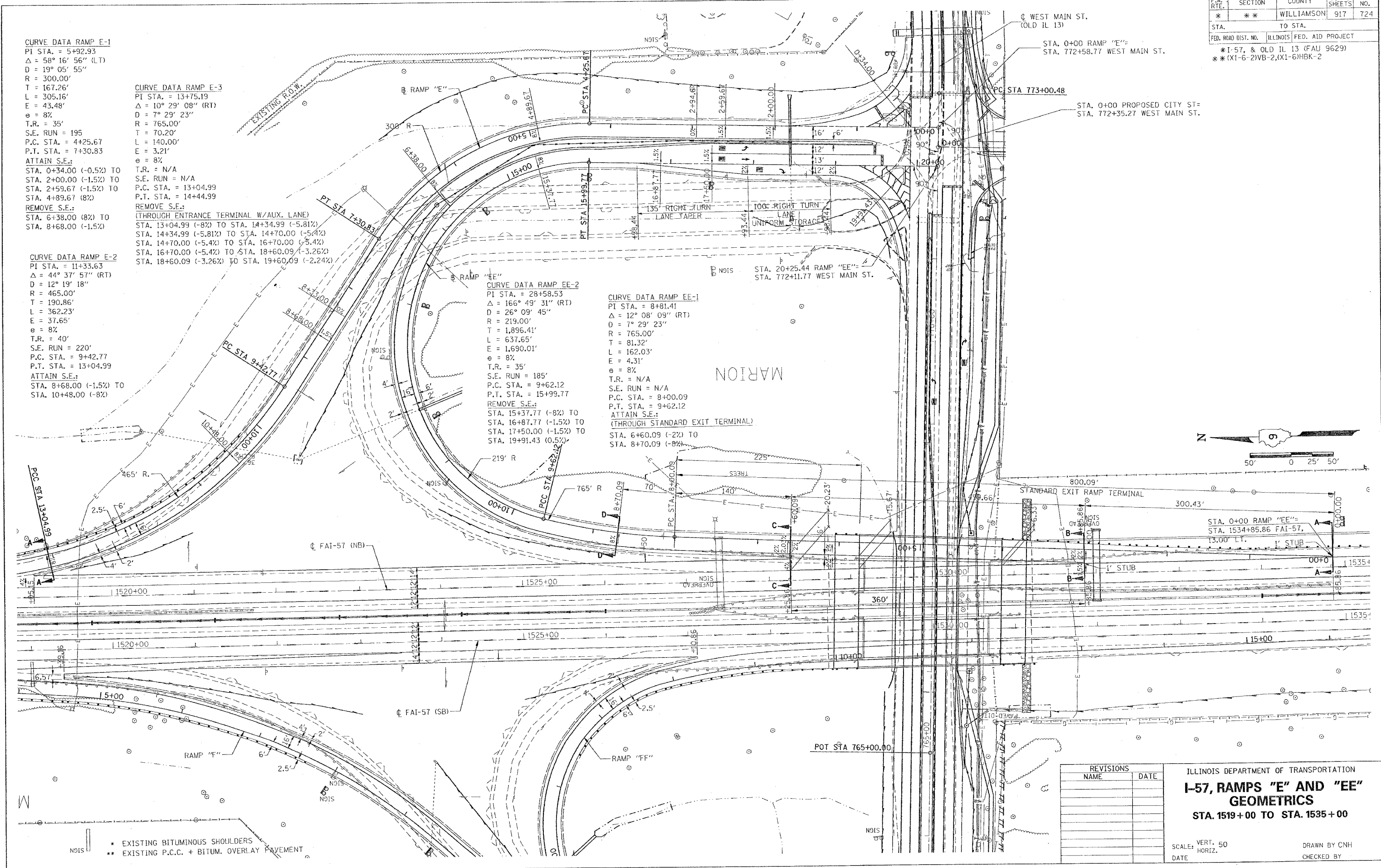
**CURVE DATA RAMP E-1**  
 PI STA. = 5+92.93  
 $\Delta = 58^\circ 16' 56''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 167.26'$   
 $L = 305.16'$   
 $E = 43.48'$   
 $e = 8\%$   
 $T.R. = 35'$   
 $S.E. RUN = 195$   
 $P.C. STA. = 4+25.67$   
 $P.T. STA. = 7+30.83$   
**ATTAIN S.E.:**  
 STA. 0+34.00 (-0.5%) TO  
 STA. 2+00.00 (-1.5%) TO  
 STA. 2+59.67 (-1.5%) TO  
 STA. 4+89.67 (8%)  
**REMOVE S.E.:**  
 STA. 6+38.00 (8%) TO  
 STA. 8+68.00 (-1.5%)

**CURVE DATA RAMP E-3**  
 PI STA. = 13+75.19  
 $\Delta = 10^\circ 29' 08''$  (RT)  
 $D = 7^\circ 29' 23''$   
 $R = 765.00'$   
 $T = 70.20'$   
 $L = 140.00'$   
 $E = 3.21'$   
 $e = 8\%$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 13+04.99$   
 $P.T. STA. = 14+44.99$   
**REMOVE S.E.:**  
 (THROUGH ENTRANCE TERMINAL W/AUX. LANE)  
 STA. 13+04.99 (-8%) TO STA. 14+34.99 (-5.81%)  
 STA. 14+34.99 (-5.81%) TO STA. 14+70.00 (-5.4%)  
 STA. 14+70.00 (-5.4%) TO STA. 16+70.00 (-5.4%)  
 STA. 16+70.00 (-5.4%) TO STA. 18+60.09 (-3.26%)  
 STA. 18+60.09 (-3.26%) TO STA. 19+60.09 (-2.24%)

**CURVE DATA RAMP E-2**  
 PI STA. = 11+33.63  
 $\Delta = 44^\circ 37' 57''$  (RT)  
 $D = 12^\circ 19' 18''$   
 $R = 465.00'$   
 $T = 190.86'$   
 $L = 362.23'$   
 $E = 37.65'$   
 $e = 8\%$   
 $T.R. = 40'$   
 $S.E. RUN = 220'$   
 $P.C. STA. = 9+42.77$   
 $P.T. STA. = 13+04.99$   
**ATTAIN S.E.:**  
 STA. 8+68.00 (-1.5%) TO  
 STA. 10+48.00 (-8%)

**CURVE DATA RAMP EE-2**  
 PI STA. = 28+58.53  
 $\Delta = 166^\circ 49' 31''$  (RT)  
 $D = 26^\circ 09' 45''$   
 $R = 219.00'$   
 $T = 1,896.41'$   
 $L = 637.65'$   
 $E = 1,690.01'$   
 $e = 8\%$   
 $T.R. = 35'$   
 $S.E. RUN = 185'$   
 $P.C. STA. = 9+62.12$   
 $P.T. STA. = 15+99.77$   
**REMOVE S.E.:**  
 STA. 15+37.77 (-8%) TO  
 STA. 16+87.77 (-1.5%) TO  
 STA. 17+50.00 (-1.5%) TO  
 STA. 19+91.43 (0.5%)

**CURVE DATA RAMP EE-1**  
 PI STA. = 8+81.41  
 $\Delta = 12^\circ 08' 09''$  (RT)  
 $D = 7^\circ 29' 23''$   
 $R = 765.00'$   
 $T = 81.32'$   
 $L = 162.03'$   
 $E = 4.31'$   
 $e = 8\%$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 8+00.09$   
 $P.T. STA. = 9+62.12$   
**ATTAIN S.E.:**  
 (THROUGH STANDARD EXIT TERMINAL)  
 STA. 6+60.09 (-2%) TO  
 STA. 8+70.09 (-8%)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**I-57, RAMPS "E" AND "EE"**  
**GEOMETRICS**  
 STA. 1519+00 TO STA. 1535+00

SCALE: VERT. 50  
 DATE:                      HORIZ.  
 DRAWN BY CNH  
 CHECKED BY

PLOT DATE = 10/24/2006  
 FILE NAME = c:\pno\mto\98950\2002\013\vol1\36.dgn  
 PLOT SCALE = 5/8"=1'-0"  
 USER NAME = jrechen

• EXISTING BITUMINOUS SHOULDERS  
 •• EXISTING P.C.C. + BITUM. OVERLAY PAVEMENT