

# INTERCHANGE LAYOUT



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	147

  

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS
FED. AID PROJECT	

PROP. CURVE 52AVE1  
 PI STA. = 1153+04.57  
 $\Delta = 69^\circ 15' 02''$  (RT)  
 $D = 7^\circ 45' 00''$   
 $R = 739.30'$   
 $T = 510.49'$   
 $L = 893.55'$   
 $E = 159.12'$   
 $e = 2.0\%$

P.C. STA = 1147+94.08  
 T.R. = 100'  
 S.E. RUN = 105'  
 P.T. STA = 1156+87.63  
 T.R. = 70'  
 S.E. RUN = 75'

PROP. CURVE 52-RAMP2-2  
 PI STA. = 12+51.48  
 $\Delta = 17^\circ 15' 26''$  (LT)  
 $D = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 217.36'$   
 $L = 431.43'$   
 $E = 16.21'$   
 $e = 5.0\%$   
 T.R. = 65'  
 P.C.S.E. RUN = 160'  
 T.R. = 65'  
 P.T.S.E. RUN = 200' w/ 50% on curve  
 P.C. STA = 10+44.12  
 P.T. STA = 14+75.55

PROP. CURVE 52-RAMP1  
 PI STA. = 5+18.31  
 $\Delta = 11^\circ 07' 08''$  (LT)  
 $D = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 139.42'$   
 $L = 277.97'$   
 $E = 6.77'$   
 $e = 5.0\%$   
 T.R. = 65'  
 S.E. RUN = 160'  
 P.C. STA = 3+78.89  
 P.T. STA = 6+56.86

PROP. CURVE 52-RAMP4.2  
 PI STA. = 11+85.20  
 $\Delta = 15^\circ 01' 06''$  (RT)  
 $D = 3^\circ 05' 13''$   
 $R = 1,856.00'$   
 $T = 244.65'$   
 $L = 486.49'$   
 $E = 16.05'$   
 $e = 4.5\%$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 9+40.55  
 P.T. STA = 14+27.05

PROP. CURVE 52-RAMP4.1  
 PI STA. = -  
 $\Delta = 158^\circ 27' 28''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 1314.15'$   
 $L = 691.40'$   
 $E = 1087.72'$   
 $e = 8.0\%$   
 T.R. = 50'  
 S.E. RUN = 200'  
 P.C. STA = 2+49.15  
 P.T. STA = 9+40.55

PROP. CURVE 52-RAMP3-2  
 PI STA. = 14+52.63  
 $\Delta = 26^\circ 44' 19''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 71.30'$   
 $L = 140.00'$   
 $E = 8.36'$   
 $e = 8.0\%$   
 T.R. = 0  
 P.C.S.E. RUN = 185.51' w/ 61.22' on curve  
 T.R. = 45'  
 P.T.S.E. RUN = 175'  
 P.C. STA = 13+81.33  
 P.T. STA = 15+21.33

PROP. CURVE 52AVE2-2  
 PI STA. = 1168+91.67  
 $\Delta = 48^\circ 31' 16.9''$  (LT)  
 $D = 4^\circ 00' 00''$   
 $R = 1432.39'$   
 $T = 645.57'$   
 $L = 1213.03'$   
 $E = 138.76'$   
 $e = N.C.$   
 P.C. STA = 1162+46.10  
 P.T. STA = 1174+59.13

PROP. CURVE REL3RD-1  
 PI STA. = 4+32.64  
 $\Delta = 57^\circ 28' 22''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 109.66'$   
 $L = 200.62'$   
 $E = 28.09'$   
 $e = N.C.$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 3+22.98  
 P.T. STA = 5+23.60

