



EXIST. CURVE 300
 PI STA. = 337+17.36
 $\Delta = 45^\circ 17' 06''$ (LT)
 $D = 2^\circ 23' 57''$
 $R = 2,388.11'$
 $T = 996.16'$
 $L = 1,887.50'$
 $E = 199.44'$
 $e = 5.2\%$
 $T.R. = 39.13'$
 $S.E. RUN = 203.13'$
 $P.C. STA. = 327+21.20$
 $P.T. STA. = 346+08.70$
 SE TRANSITION
 RT. STA 325+64.56 TO RT. STA 327+75.87
 LT. STA 326+59.17 TO LT. STA 327+75.87
 RT. STA 345+54.03 TO RT. STA 347+65.34
 LT. STA 345+54.03 TO LT. STA 346+70.73

STA. 374+10.20 (IL. 4) =
 STA. 10+00 (CARLINVILLE CUTOFF)

EXIST. CURVE 301
 PI STA. = 410+52.68
 $\Delta = 44^\circ 41' 03''$ (LT)
 $D = 2^\circ 23' 54''$
 $R = 2,389.07'$
 $T = 981.88'$
 $L = 1,863.20'$
 $E = 193.90'$
 $e = 5.2\%$
 $T.R. = 39.13'$
 $S.E. RUN = 203.13'$
 $P.C. STA. = 400+70.80$
 $P.T. STA. = 419+34.00$
 SE TRANSITION
 RT. STA 399+14.16 TO RT. STA 401+25.47
 LT. STA 400+08.77 TO LT. STA 401+25.47
 RT. STA 418+79.33 TO RT. STA 420+90.64
 LT. STA 418+79.33 TO LT. STA 419+96.03

EXIST. CURVE 304
 PI STA. = 539+40.70
 $\Delta = 17^\circ 34' 26''$ (RT)
 $D = 2^\circ 06' 54''$
 $R = 2,708.97'$
 $T = 418.74'$
 $L = 830.91'$
 $E = 32.17'$
 $e = 4.7\%$
 $T.R. = 39.13'$
 $S.E. RUN = 203.13'$
 $P.C. STA. = 535+21.96$
 $P.T. STA. = 543+52.87$
 SE TRANSITION
 RT. STA 534+64.97 TO RT. STA 535+76.63
 LT. STA 533+60.29 TO LT. STA 535+76.63
 RT. STA 542+98.20 TO RT. STA 544+09.86
 LT. STA 542+98.20 TO LT. STA 545+14.54

EXIST. CURVE 305
 PI STA. = 547+84.19
 $\Delta = 17^\circ 58' 00''$ (LT)
 $D = 2^\circ 06' 00''$
 $R = 2,728.38'$
 $T = 431.32'$
 $L = 855.56'$
 $E = 33.88'$
 $e = 4.7\%$
 $T.R. = 39.13'$
 $S.E. RUN = 203.13'$
 $P.C. STA. = 543+52.87$
 $P.T. STA. = 552+08.43$
 SE TRANSITION
 RT. STA 541+91.20 TO RT. STA 544+07.54
 LT. STA 542+95.88 TO LT. STA 544+07.54
 RT. STA 551+53.76 TO RT. STA 553+70.10
 LT. STA 551+53.76 TO LT. STA 552+65.42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - KCM	REVISED -
es:\pwwork\pwidot\LAUGHLINRL\194809\106-72039-013-015-alignment.dgn		DRAWN - JLM	REVISED -
PLOT SCALE = 1600.0000 ' / IN.		CHECKED - TMM	REVISED -
PLOT DATE = Mar-30-2010 09:51:51AM		DATE - 3-26-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT LAYOUT

SCALE: 1"=800' SHEET NO. 2 OF 3 SHEETS STA. 295+95.87 TO STA. 570+84.78

F.S.P. RTE. 662	SECTION (D,DX,E,F) I	COUNTY MACOUPIN	TOTAL SHEETS 20	SHEET NO. 14
CONTRACT NO. 72039			ILLINOIS FED. AID PROJECT	