



EXIST. CURVE 216
 PI STA. = 1110+80.72
 $\Delta = 33^\circ 43' 10''$ (LT)
 $D = 4^\circ 59' 59''$
 $R = 1,145.99'$
 $T = 347.30'$
 $L = 674.44'$
 $E = 51.47'$
 $e = 6.8\%$ (55MPH)
 $T.R. = 43.37'$
 $S.E. RUN = 196.63'$
 $P.C. STA. = 1107+33.42$
 $P.T. STA. = 1114+07.85$
 $S.E. ATTAINED: STA. 1105+67.30 TO STA. 1108+07.30$ (SEE DETAIL)
 $S.E. REMOVED: STA. 1113+21.60 TO STA. 1115+61.60$ (SEE DETAIL)

ALIGNMENT COORDINATES - IL 9			
STATION	N	E	
PT 1085+00.68	1,427,259.25	2,076,266.06	
PC 1107+33.42	1,426,098.93	2,078,173.62	
PI 1110+80.72	1,425,918.44	2,087,487.81	
PT 1114+07.85	1,425,933.03	2,078,817.33	
POT 1129+68.74	1,425,998.62	2,080,376.84	
POT 1145+27.74	1,426,064.13	2,081,934.46	
POT 1158+31.74	1,426,118.42	2,083,237.33	
PC 1171+39.31	1,426,172.85	2,084,543.77	
PI 1176+60.21	1,426,194.53	2,085,064.22	
PT 1179+57.16	1,425,674.06	2,085,085.25	

ALIGNMENT COORDINATES - TR 2900 E			
STATION	N	E	
POT 10+00.00	1,426,006.44	2,080,562.75	
POT 9+38.33	1,425,944.80	2,080,564.52	
POT 8+87.58	1,425,894.07	2,080,565.98	

ALIGNMENT COORDINATES - TR 2600 N			
STATION	N	E	
POT 10+00.00	1,426,027.77	2,084,926.32	
POT 10+54.57	1,426,028.47	2,084,980.89	
POT 11+17.36	1,426,029.28	2,085,043.67	

EXIST. CURVE 212
 PI STA. = 1176+60.21
 $\Delta = 90^\circ 04' 17''$ (RT)
 $D = 11^\circ 00' 47''$
 $R = 520.25'$
 $T = 520.90'$
 $L = 817.86'$
 $E = 215.95'$
 $e = 8.0\%$ (40MPH)
 $T.R. = 37.90'$
 $S.E. RUN = 202.10'$
 $P.C. STA. = 1171+39.31$
 $P.T. STA. = 1179+57.16$
 $S.E. ATTAINED: STA. 1169+74.10 TO STA. 1172+14.10$ (SEE DETAIL)
 $S.E. REMOVED: STA. 1178+72.30 TO STA. 1181+12.30$ (SEE DETAIL)

FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
et:\pw\work\p\dot\laughlinc1\0244977\0672805-shr-Alignmt.Ldgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HORIZONTAL ALIGNMENT

SCALE: 1"=200' SHEET NO. 1 OF 2 SHEETS STA. 1085+00.68 TA. 1182+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(117,118)RS-4,119RS-1; 118B-1	HANCOCK	101	15
CONTRACT NO. 72B05				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				