



EXIST. CURVE 310
 PI STA. = 503+83.92
 $\Delta = 42^\circ 46' 45''$ (RT)
 D = 4' 29' 45"
 R = 1,274.38'
 T = 499.16'
 L = 951.50'
 E = 94.27'
 e = 6.0%
 T.R. = 40.00'
 S.E. RUN = 160.00'
 P.C. STA. = 498+84.76
 P.T. STA. = 508+36.26

EXIST. CURVE 8
 PI STA. = 30+91.14
 $\Delta = 20^\circ 55' 14''$ (LT)
 D = 14' 06' 15"
 R = 406.23'
 T = 75.00'
 L = 148.33'
 E = 6.87'
 P.C. STA. = 30+16.14
 P.T. STA. = 31+64.47

EXIST. CURVE 9
 PI STA. = 14+26.28
 $\Delta = 5^\circ 12' 13''$ (LT)
 D = 1' 52' 28"
 R = 3,056.52'
 T = 138.89'
 L = 277.59'
 E = 3.15'
 P.C. STA. = 12+87.39
 P.T. STA. = 15+64.98

PROP. CURVE TR44-01
 PI STA. = 13+71.74
 $\Delta = 26^\circ 32' 28''$ (LT)
 D = 8' 03' 31"
 R = 711.00'
 T = 167.69'
 L = 329.36'
 E = 19.51'
 e = 4.0%
 T.R. = 44.0'
 S.E. RUN = 88.8'
 P.C. STA. = 12+04.05
 P.T. STA. = 15+33.41

PROP. CURVE TR44-02
 PI STA. = 17+39.84
 $\Delta = 42^\circ 10' 51''$ (RT)
 D = 22' 55' 06"
 R = 250.00'
 T = 96.42'
 L = 184.05'
 E = 17.95'
 e = 4.0%
 T.R. = 36.0'
 S.E. RUN = 72.3'
 P.C. STA. = 16+43.42
 P.T. STA. = 18+27.47

PROP. CURVE TR44-03
 PI STA. = 23+27.96
 $\Delta = 16^\circ 35' 28''$ (LT)
 D = 15' 26' 37"
 R = 371.00'
 T = 54.09'
 L = 107.43'
 E = 3.92'
 e = 4.0%
 T.R. = 39.0'
 S.E. RUN = 77.3'
 P.C. STA. = 22+73.86
 P.T. STA. = 23+81.29

PROP. CURVE RNARND1
 PI STA. = 108+31.55
 $\Delta = 17^\circ 43' 33''$ (RT)
 D = 5' 43' 46"
 R = 1,000.00'
 T = 155.93'
 L = 309.37'
 E = 12.08'
 P.C. STA. = 106+75.62
 P.T. STA. = 109+84.99

PROP. CURVE RNARND2
 PI STA. = 112+72.39
 $\Delta = 16^\circ 09' 46''$ (RT)
 D = 15' 26' 37"
 R = 371.00'
 T = 52.68'
 L = 104.66'
 E = 3.72'
 P.C. STA. = 112+19.72
 P.T. STA. = 113+24.37

PROP. CURVE RNARND3
 PI STA. = 114+80.05
 $\Delta = 16^\circ 09' 46''$ (LT)
 D = 15' 26' 37"
 R = 371.00'
 T = 52.68'
 L = 104.66'
 E = 3.72'
 P.C. STA. = 114+27.37
 P.T. STA. = 115+32.03

BM TJM1 - CHSLD "□" IN TOP OF NORTH BROKEN HEADWALL ±3'-0" WEST OF EAST END OF HEADWALL BOX #054-7010, STA. 488+97, ELEV. 539.60

BM 53 - CHSLD "□" SET IN NORTHWEST HEADWALL OF BRIDGE SN 054-0008, STA. 510+80 ELEV. 543.97

FILE NAME =	USER NAME = #USER*	DESIGNED - CWG	REVISED -
#FILE#		DRAWN - BWC	REVISED -
	PLOT SCALE = #SCALE*	CHECKED - RMD	REVISED -
	PLOT DATE = #DATE*	DATE - 02/09/09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, & BENCHMARKS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	(102B-1,102CR,102BR-2)RS-5	LOGAN	218	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B82	