

CURVE RAMP D - 1

P.I. STATION 4008+27.72 N 1,721,526.41 E 1,022,685.01
 DELTA = 18° 36' 40" (RT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 136.82'
 LENGTH = 271.23'
 EXTERNAL = 11.14'
 LONG CHORD = 270.04'
 MID. ORD. = 10.99'
 P.C. STATION 4006+90.90 N 1,721,653.86 E 1,022,635.24
 P.T. STATION 4009+62.13 N 1,721,389.74 E 1,022,691.50

CURVE RAMP E - 1

P.I. STATION 102+86.05 N 1,722,217.42 E 1,023,798.46
 DELTA = 37° 49' 14" (LT)
 DEGREE = 6° 51' 42"
 RADIUS = 835.00'
 TANGENT = 286.05'
 LENGTH = 551.18'
 EXTERNAL = 47.64'
 LONG CHORD = 541.22'
 MID. ORD. = 45.07'
 S.E. RATE = 6.00%
 P.C. STATION 100+00.00 N 1,722,088.07 E 1,023,543.33
 P.T. STATION 105+51.18 N 1,722,476.05 E 1,023,920.68

CURVE RAMP E - 2

P.I. STATION 110+69.58 N 1,722,944.76 E 1,024,142.17
 DELTA = 82° 36' 30" (LT)
 DEGREE = 9° 42' 40"
 RADIUS = 590.00'
 TANGENT = 518.40'
 LENGTH = 850.66'
 EXTERNAL = 195.39'
 LONG CHORD = 778.87'
 MID. ORD. = 146.78'
 S.E. RATE = 6.00%
 S.E. OUT = STA. 112+72.83 TO STA. 116+59.83
 P.C. STATION 105+51.18 N 1,722,476.05 E 1,023,920.68
 P.T. STATION 114+01.83 N 1,723,224.71 E 1,023,705.85

CURVE RAMP E - 3

P.I. STATION 123+85.49 N 1,723,755.90 E 1,022,877.95
 DELTA = 54° 35' 42" (RT)
 DEGREE = 11° 14' 04"
 RADIUS = 510.00'
 TANGENT = 263.20'
 LENGTH = 485.96'
 EXTERNAL = 63.91'
 LONG CHORD = 467.78'
 MID. ORD. = 56.80'
 S.E. RATE = 6.00%
 S.E. IN = STA. 120+38.29 TO STA. 122+06.29
 S.E. OUT = STA. 125+24.26 TO STA. 126+08.25 (END OF ALIGNMENT)
 P.C. STATION 121+22.29 N 1,723,613.77 E 1,023,099.48
 P.T. STATION 126+08.25 N 1,724,018.81 E 1,022,865.46

FILE NAME = D162C31-SHT-ATB04.dgn	USER NAME = TKluegel	DESIGNED - ---	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1:200	DRAWN - ---	REVISED -			55	(99-1&2)AC-3	WILL	524	32	
	PLOT DATE = 12/11/2009	CHECKED - ---	REVISED -			CONTRACT NO. 60C31					
		DATE - 12/18/09	REVISED -			SCALE: NONE	SHEET NO. 4 OF 9 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	