



Beginning chain IL54 description

Point 1 N 1,274,151.20 E 821,800.80 Sta 2132+79.40
 Course from 1 to 2 N 70° 30' 35.46" E Dist 2,220.87
 Point 2 N 1,274,892.18 E 823,894.41 Sta 2155+00.27

Ending chain IL54 description

Beginning chain TR148 description

Point TR01 N 1,274,460.84 E 822,675.67 Sta 10+00.00
 Course from TR01 to TR02 N 0° 48' 12.22" E Dist 570.01
 Point TR02 N 1,275,030.80 E 822,683.66 Sta 15+70.01

Ending chain TR148 description

Beginning chain DETOUR description

Curve Data
 Curve DETOUR-1
 P.I. Station 101+10.40 N 1,274,275.13 E 822,150.94
 Delta = 15° 20' 10.75" (RT)
 Degree = 6° 59' 14.24"
 Tangent = 110.40
 Length = 219.49
 Radius = 820.00
 External = 7.40
 Long Chord = 218.83
 Mid. Ord. = 7.33
 P.C. Station 100+00.00 N 1,274,238.29 E 822,046.86
 P.T. Station 102+19.49 N 1,274,283.12 E 822,261.05
 C.C. N 1,273,465.28 E 822,320.45
 Bac = N 70° 30' 35.46" E
 Ahead = N 85° 50' 46.20" E
 Chord Bear = N 78° 10' 40.83" E
 Course from PT DETOUR-1 to
 PC DETOUR-2 N 85° 50' 46.20" E Dist 100.57

Curve Data
 Curve DETOUR-2
 P.I. Station 104+30.46 N 1,274,298.41 E 822,471.48
 Delta = 15° 20' 10.75" (LT)
 Degree = 6° 59' 14.24"
 Tangent = 110.40
 Length = 219.49
 Radius = 820.00
 External = 7.40
 Long Chord = 218.83
 Mid. Ord. = 7.33
 P.C. Station 103+20.06 N 1,274,290.41 E 822,361.36
 P.T. Station 105+39.55 N 1,274,335.24 E 822,575.55
 C.C. N 1,275,108.25 E 822,301.97
 Bac = N 85° 50' 46.20" E
 Ahead = N 70° 30' 35.46" E
 Chord Bear = N 78° 10' 40.83" E
 Course from PT DETOUR-2 to
 PC DETOUR-3 N 70° 30' 35.46" E Dist 312.74

Curve Data

Curve DETOUR-3
 P.I. Station 109+62.70 N 1,274,476.42 E 822,974.46
 Delta = 15° 20' 10.76" (LT)
 Degree = 6° 59' 14.24"
 Tangent = 110.40
 Length = 219.49
 Radius = 820.00
 External = 7.40
 Long Chord = 218.83
 Mid. Ord. = 7.33
 P.C. Station 108+52.29 N 1,274,439.59 E 822,870.38
 P.T. Station 110+71.78 N 1,274,539.47 E 823,065.08
 C.C. N 1,275,212.60 E 822,596.79
 Back = N 70° 30' 35.46" E
 Ahead = N 55° 10' 24.70" E
 Chord Bear = N 62° 50' 30.08" E
 Course from PT DETOUR-3 to
 PC DETOUR-4 N 55° 10' 24.70" E Dist 100.57

Curve Data
 Curve DETOUR-4
 P.I. Station 112+82.76 N 1,274,659.96 E 823,238.27
 Delta = 15° 20' 10.76" (RT)
 Degree = 6° 59' 14.24"
 Tangent = 110.40
 Length = 219.49
 Radius = 820.00
 External = 7.40
 Long Chord = 218.83
 Mid. Ord. = 7.33
 P.C. Station 111+72.35 N 1,274,596.91 E 823,147.64
 P.T. Station 113+91.84 N 1,274,696.80 E 823,342.35
 C.C. N 1,273,923.78 E 823,615.94
 Back = N 55° 10' 24.70" E
 Ahead = N 70° 30' 35.46" E
 Chord Bear = N 62° 50' 30.08" E

Ending chain DETOUR description



FILE NAME = 0570271-sht-ATB.dgn	USER NAME = wllouis	DESIGNED - JDS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 54 OVER COON CREEK ALIGNMENT, TIES AND BENCHMARKS				F.A.P. RTE. 71	SECTION (15B-1)BR-1	COUNTY DEWITT	TOTAL SHEETS 76	SHEET NO. 9
PLOT SCALE = 40.0000' / IN.	CHECKED - RJA	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 70271			
PLOT DATE = 11/30/2010 8:39:42 AM	DATE -	REVISED -	REVISED -										