

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	15T-2	CARROLL	71	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EXISTING CONTROL

Chain IL64 contains:
20 CUR 200 CUR 210 CUR 220 CUR 230 CUR 240 CUR 250 CUR 260 CUR 270 CUR 280 67

Beginning chain IL64 description

Point 20 N 1,977,620.8680 E 2,390,095.1020 Sta 1016+91.2792

Course from 20 to PC 200 87° 16' 45.3340" Dist 218.5886'

Curve Data

Curve 200
P.I. Station 1024+09.8678 N 1,977,654.9780 E 2,390,812.8806
Delta = 1° 05' 52.3105" (RT)
Degree = 0° 06' 35.2431"
Tangent = 500.0000'
Length = 999.9694'
Radius = 52,186.8141'
External = 2.3952'
Long Chord = 999.9541'
Mid. Ord. = 2.3951'
P.C. Station 1019+09.8678 N 1,977,631.2440 E 2,390,313.4442
P.T. Station 1029+09.8372 N 1,977,669.1384 E 2,391,312.6800
C.C. N 1,925,503.2570 E 2,392,790.6498

Course from PT 200 to PC 210 88° 22' 37.6445" Dist 3,372.2237'

Curve Data

Curve 210
P.I. Station 1065+58.4616 N 1,977,772.4702 E 2,394,959.8410
Delta = 13° 38' 43.9351" (RT)
Degree = 2° 28' 48.6037"
Tangent = 276.4007'
Length = 550.1861'
Radius = 2,310.1575'
External = 16.4763'
Long Chord = 548.8867'
Mid. Ord. = 16.3597'
P.C. Station 1062+82.0609 N 1,977,764.6423 E 2,394,683.5511
P.T. Station 1068+32.2470 N 1,977,714.8963 E 2,395,230.1789
C.C. N 1,975,455.4114 E 2,394,748.9765

Course from PT 210 to PC 220 102° 01' 21.5796" Dist 662.8507'

Curve Data

Curve 220
P.I. Station 1080+41.2976 N 1,977,463.0528 E 2,396,412.7094
Delta = 26° 53' 24.9378" (LT)
Degree = 2° 30' 28.0000"
Tangent = 546.1999'
Length = 1,072.2745'
Radius = 2,284.7232'
External = 64.3818'
Long Chord = 1,062.4605'
Mid. Ord. = 62.6173'
P.C. Station 1074+95.0977 N 1,977,576.8255 E 2,395,878.4902
P.T. Station 1085+67.3721 N 1,977,603.2002 E 2,396,940.6233
C.C. N 1,979,811.4339 E 2,396,354.3947

Course from PT 220 to PC 230 75° 07' 56.6418" Dist 579.1505'

Curve Data

Curve 230
P.I. Station 1094+18.5366 N 1,977,821.5973 E 2,397,763.2919
Delta = 13° 35' 34.2243" (RT)
Degree = 2° 30' 37.2256"
Tangent = 272.0140'
Length = 541.4740'
Radius = 2,282.3908'
External = 16.1521'
Long Chord = 540.2050'
Mid. Ord. = 16.0386'
P.C. Station 1091+46.5226 N 1,977,751.8023 E 2,397,500.3846
P.T. Station 1096+87.9966 N 1,977,827.6488 E 2,398,035.2386
C.C. N 1,975,545.8229 E 2,398,086.0147

Course from PT 230 to PC 240 88° 43' 30.8661" Dist 7,945.4945'

Curve Data

Curve 240
P.I. Station 1180+88.6563 N 1,978,014.5375 E 2,406,433.8191
Delta = 2° 09' 05.7206" (RT)
Degree = 0° 14' 10.9692"
Tangent = 455.1652'
Length = 910.2234'
Radius = 24,238.8102'
External = 4.2733'
Long Chord = 910.1699'
Mid. Ord. = 4.2725'
P.C. Station 1176+33.4911 N 1,978,004.4115 E 2,405,978.7666
P.T. Station 1185+43.7145 N 1,978,007.5722 E 2,406,888.9310
C.C. N 1,953,771.6003 E 2,406,518.0053

Course from PT 240 to PC 250 90° 52' 36.5867" Dist 3,552.8260'

Curve Data

Curve 250
P.I. Station 1226+80.8465 N 1,977,944.2618 E 2,411,025.5786
Delta = 2° 23' 37.8683" (LT)
Degree = 0° 12' 17.5521"
Tangent = 584.3060'
Length = 1,168.4420'
Radius = 27,966.1346'
External = 6.1034'
Long Chord = 1,168.3570'
Mid. Ord. = 6.1021'
P.C. Station 1220+96.5405 N 1,977,953.2034 E 2,410,441.3410
P.T. Station 1232+64.9825 N 1,977,959.7307 E 2,411,609.6798
C.C. N 2,005,916.0632 E 2,410,869.3058

Course from PT 250 to PC 260 88° 28' 58.7184" Dist 4,021.6493'

Curve Data

Curve 260
P.I. Station 1277+86.6318 N 1,978,079.4366 E 2,416,129.7443
Delta = 0° 27' 02.5867" (LT)
Degree = 0° 02' 42.2595"
Tangent = 500.0000'
Length = 999.9948'
Radius = 127,120.3218'
External = 0.9833'
Long Chord = 999.9923'
Mid. Ord. = 0.9833'
P.C. Station 1272+86.6318 N 1,978,066.1996 E 2,415,629.9195
P.T. Station 1282+86.6267 N 1,978,096.6050 E 2,416,629.4495
C.C. N 2,105,141.9662 E 2,412,264.5429

Course from PT 260 to PC 270 88° 01' 56.1730" Dist 4,543.8203'

Curve Data

Curve 270
P.I. Station 1333+68.8079 N 1,978,271.1099 E 2,421,708.6339
Delta = 91° 02' 53.8411" (RT)
Degree = 10° 50' 20.9563"
Tangent = 538.3610'
Length = 839.9944'
Radius = 528.6001'
External = 225.8869'
Long Chord = 754.3607'
Mid. Ord. = 158.2583'
P.C. Station 1328+30.4470 N 1,978,252.6244 E 2,421,170.5904
P.T. Station 1336+70.4413 N 1,977,732.8182 E 2,421,717.2727
C.C. N 1,977,724.3360 E 2,421,188.7407

Course from PT 270 to PC 280 179° 04' 50.0100" Dist 6,201.6750'

Curve Data

Curve 280
P.I. Station 1403+72.1163 N 1,971,032.0061 E 2,421,824.8118
Delta = 0° 47' 30.7860" (LT)
Degree = 0° 04' 45.0831"
Tangent = 500.0000'
Length = 999.9841'
Radius = 72,352.5110'
External = 1.7276'
Long Chord = 999.9761'
Mid. Ord. = 1.7276'
P.C. Station 1398+72.1163 N 1,971,531.9417 E 2,421,816.7885
P.T. Station 1408+72.1004 N 1,970,532.2291 E 2,421,839.7437
C.C. N 1,972,692.9532 E 2,494,159.9837

Course from PT 280 to 67 178° 17' 19.2240" Dist 2,502.5003'

Point 67 N 1,968,030.8450 E 2,421,914.4780 Sta 1433+74.6007

Ending chain IL64 description

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY

HORIZONTAL & VERTICAL CONTROL

PLOT DATE = Mon Jan 28 07:53:44 2008
FILE NAME = C:\Proje\sa\207786\0778686\hvd.dgn
PLOT SCALE = 56.0000 / IN.
USER NAME = hamsnik