

Chain I280 contains:
51 CUR 350 CUR 360 CUR 370 CUR 380 CUR 390 49

Beginning chain I280 description

Point 51 N 1,754,497.3275 E 2,167,574.5600 Sta 11+13.2974

Course from 51 to PC 350 135° 58' 14.75" Dist 6,728.5751'

Curve Data

Curve 350

P.I. Station 84+31.3573 N 1,749,235.7504 E 2,172,660.7971
Delta = 10° 29' 35.52" (RT)
Degree = 0° 53' 33.10"
Tangent = 589.4848'
Length = 1,175.6726'
Radius = 6,419.4984'
External = 27.0086'
Long Chord = 1,174.0302'
Mid. Ord. = 26.8954'
P.C. Station 78+41.8725 N 1,749,659.5813 E 2,172,251.0902
P.T. Station 90+17.5450 N 1,748,744.3921 E 2,172,986.4647
C.C. N 1,745,197.8673 E 2,167,635.5655

Course from PT 350 to PC 360 146° 27' 50.27" Dist 1,708.5359'

Curve Data

Curve 360

P.I. Station 125+60.6060 N 1,745,791.1144 E 2,174,943.8689
Delta = 27° 01' 42.65" (LT)
Degree = 0° 45' 02.28"
Tangent = 1,834.5250'
Length = 3,600.7552'
Radius = 7,632.9789'
External = 217.3618'
Long Chord = 3,567.4606'
Mid. Ord. = 211.3434'
P.C. Station 107+26.0810 N 1,747,320.2616 E 2,173,930.3648
P.T. Station 143+26.8362 N 1,744,889.5505 E 2,176,541.5749
C.C. N 1,751,537.1875 E 2,180,292.7466

Course from PT 360 to PC 370 119° 26' 07.62" Dist 6,381.0008'

Curve Data

Curve 370

P.I. Station 222+06.3438 N 1,741,017.2240 E 2,183,403.9163
Delta = 29° 19' 38.16" (LT)
Degree = 1° 00' 01.76"
Tangent = 1,498.5068'
Length = 2,931.2918'
Radius = 5,726.7747'
External = 192.8090'
Long Chord = 2,899.3968'
Mid. Ord. = 186.5289'
P.C. Station 207+07.8370 N 1,741,753.6543 E 2,182,098.8518
P.T. Station 236+39.1288 N 1,741,014.3947 E 2,184,902.4204
C.C. N 1,746,741.1591 E 2,184,913.2334

Course from PT 370 to PC 380 90° 06' 29.46" Dist 3,040.0750'

Curve Data

Curve 380

P.I. Station 282+44.2330 N 1,741,005.6996 E 2,189,507.5165
Delta = 44° 33' 32.32" (LT)
Degree = 1° 29' 59.84"
Tangent = 1,565.0293'
Length = 2,970.6852'
Radius = 3,819.8300'
External = 308.1741'
Long Chord = 2,896.3856'
Mid. Ord. = 285.1675'
P.C. Station 266+79.2038 N 1,741,008.6546 E 2,187,942.4900
P.T. Station 296+49.8890 N 1,742,101.6841 E 2,190,624.7159
C.C. N 1,744,828.4778 E 2,187,949.7024

Course from PT 380 to PC 390 45° 32' 57.13" Dist 2,062.5019'

Curve Data

Curve 390

P.I. Station 332+71.8183 N 1,744,638.1084 E 2,193,210.2377
Delta = 44° 24' 54.03" (RT)
Degree = 1° 29' 59.84"
Tangent = 1,559.4274'
Length = 2,961.0868'
Radius = 3,819.8300'
External = 306.0535'
Long Chord = 2,887.5015'
Mid. Ord. = 283.3508'
P.C. Station 317+12.3909 N 1,743,546.0469 E 2,192,097.0372
P.T. Station 346+73.4777 N 1,744,639.0825 E 2,194,769.6648
C.C. N 1,740,819.2532 E 2,194,772.0508

Course from PT 390 to 49 89° 57' 51.16" Dist 3,321.2218'

Point 49 N 1,744,641.1570 E 2,198,090.8860 Sta 379+94.6996

Ending chain I280 description

Chain IL92 contains:
1263 CUR 200 CUR 210 CUR 220 CUR 230 CUR 240 CUR 250 CUR 260 CUR 270 CUR 280 C-
UR 290 340 CUR 300 CUR 310 CUR 320 CUR 330 17

Beginning chain IL92 description

Point 1263 N 1,738,253.6860 E 2,143,717.7880 Sta 1027+36.0602

Course from 1263 to PC 200 N 65° 30' 54.0368" E Dist 181.1115'

Curve Data

Curve 300

P.I. Station 1356+86.2067 N 1,744,335.9743 E 2,172,225.6373
Delta = 25° 25' 06.1979" (RT)
Degree = 1° 00' 02.2055"
Tangent = 1,291.3911'
Length = 2,540.2825'
Radius = 5,726.0699'
External = 143.8166'
Long Chord = 2,519.5022'
Mid. Ord. = 140.2930'
P.C. Station 1343+94.8155 N 1,743,044.7961 E 2,172,202.1856
P.T. Station 1369+35.0981 N 1,745,492.0972 E 2,172,801.0247
C.C. N 1,742,940.8707 E 2,177,927.3113

Course from PT 300 to PC 310 26° 27' 32.1694" Dist 10,982.9456'

Curve Data

Curve 310

P.I. Station 1483+61.6490 N 1,755,721.7617 E 2,177,892.1964
Delta = 17° 19' 40.8303" (RT)
Degree = 1° 58' 05.2128"
Tangent = 443.6052'
Length = 880.4378'
Radius = 2,911.2013'
External = 33.6041'
Long Chord = 877.0862'
Mid. Ord. = 33.2206'
P.C. Station 1479+18.0437 N 1,755,324.6224 E 2,177,694.5453
P.T. Station 1487+98.4815 N 1,756,042.0082 E 2,178,199.1619
C.C. N 1,754,027.5784 E 2,180,300.8097

Course from PT 310 to PC 320 43° 47' 13.0596" Dist 1,092.6783'

Point 17 N 1,763,868.7150 E 2,181,759.4820 Sta 1578+29.4770

Ending chain IL92 description

FILE NAME =	USER NAME = P:\suo00-11	DESIGNED - JDW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D264815-shr-AT31.10gn		DRAWN - DAP	REVISED -						280	81-118-11HB,11HB-2,VB,VB-11R	ROCK ISLAND	503	24
MODEL NAME =	PLOT SCALE = 50.0762' / 1" = 1/4"	CHECKED - DES	REVISED -						CONTRACT NO. 64815				
Chain Desc =	PLOT DATE = 07/28/2008	DATE - 07/23/10	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 7		