



PROPOSED ILLINOIS ROUTE 173 CENTERLINE  
 Chain PRIL173 contains:  
 60015 CUR G240 CUR 70210 CUR G260 60016  
 Beginning chain PRIL173 description

Point 60015 N 2,078,959.7495 E 2,599,899.7988 Sta 976+00.0000

Course from 60015 to PC G240 88° 01' 40.9942" Dist 92.5039'

Curve Data

Curve G240  
 P.I. Station 983+77.2868 N 2,078,986.4961 E 2,600,676.6253  
 Delta = 33° 26' 24.1747" (RT)  
 Degree = 2° 30' 48.2674"  
 Tangent = 684.7829'  
 Length = 1,330.4666'  
 Radius = 2,279.6056'  
 External = 100.6317'  
 Long Chord = 1,311.6634'  
 Mid. Ord. = 96.3771'  
 P.C. Station 976+92.5039 N 2,078,962.9326 E 2,599,992.2479  
 P.T. Station 990+22.9705 N 2,078,629.0231 E 2,601,260.6978  
 C.C. N 2,076,684.6770 E 2,600,070.6895

Course from PT G240 to PC 70210 121° 28' 05.1690" Dist 1,113.0210'

Curve Data

Curve 70210  
 P.I. Station 1002+67.7000 N 2,077,979.2446 E 2,602,322.3661  
 Delta = 15° 00' 22.6942" (LT)  
 Degree = 5° 43' 46.4806"  
 Tangent = 131.7085'  
 Length = 261.9094'  
 Radius = 1,000.0000'  
 External = 8.6363'  
 Long Chord = 261.1615'  
 Mid. Ord. = 8.5623'  
 P.C. Station 1001+35.9915 N 2,078,047.9996 E 2,602,210.0279  
 P.T. Station 1003+97.9009 N 2,077,941.9216 E 2,602,448.6757  
 C.C. N 2,078,900.9305 E 2,602,732.0517

Course from PT 70210 to PC G260 106° 27' 42.4748" Dist 319.5645'

Curve Data

Curve G260  
 P.I. Station 1010+89.7665 N 2,077,745.8635 E 2,603,112.1809  
 Delta = 18° 24' 34.9257" (LT)  
 Degree = 2° 29' 38.0916"  
 Tangent = 372.3011'  
 Length = 738.1850'  
 Radius = 2,297.4237'  
 External = 29.9705'  
 Long Chord = 735.0137'  
 Mid. Ord. = 29.5846'  
 P.C. Station 1007+17.4654 N 2,077,851.3647 E 2,602,755.1409  
 P.T. Station 1014+55.6504 N 2,077,758.5183 E 2,603,484.2668  
 C.C. N 2,080,054.6145 E 2,603,406.1756

Course from PT G260 to 60016 88° 03' 07.5491" Dist 2,544.3496'

Point 60016 N 2,077,845.0027 E 2,606,027.1461 Sta 1040+00.0000

Ending chain PRIL173 description

PRIL173 CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
PRIL173	G240	240	241	242	243
PRIL173	70210	70210	70211	70212	70213
PRIL173	G260	260	261	262	263

Curve Data

Curve 74200  
 P.I. Station 2125+28.2212 N 2,078,979.7244 E 2,600,479.9505  
 Delta = 24° 09' 56.5511" (RT)  
 Degree = 2° 30' 48.2672"  
 Tangent = 487.9916'  
 Length = 961.4719'  
 Radius = 2,279.6056'  
 External = 51.6467'  
 Long Chord = 954.3612'  
 Mid. Ord. = 50.5026'  
 P.C. Station 2120+40.2296 N 2,078,962.9326 E 2,599,992.2479  
 P.T. Station 2130+01.7015 N 2,078,795.3905 E 2,600,931.7876  
 C.C. N 2,076,684.6770 E 2,600,070.6894

Course from PT 74200 to PC 74210 292° 08' 08.6740" Dist 0.0000'

Curve Data

Curve 74210  
 P.I. Station 2131+87.0352 N 2,078,729.6865 E 2,601,105.0838  
 Delta = 9° 16' 56.2320" (RT)  
 Degree = 2° 30' 34.9229"  
 Tangent = 185.3337'  
 Length = 369.8563'  
 Radius = 2,282.9725'  
 External = 7.5104'  
 Long Chord = 369.4520'  
 Mid. Ord. = 7.4858'  
 P.C. Station 2130+01.7016 N 2,078,795.3905 E 2,600,931.7876  
 P.T. Station 2133+71.5579 N 2,078,636.8905 E 2,601,265.5128  
 C.C. N 2,076,660.6981 E 2,600,122.4349