



PROPOSED CONSTRUCTION  
Chain PRCLB002 contains:  
PRCL1 CUR PRO02REL-1 PRCL6

Beginning chain PRCLB002 description

Point PRCL1 N 2,112,360.7550 E 2,183,377.1005 Sta 220+00.00  
Course from PRCL1 to PC PRO02REL-1 S 83° 18' 54.6" E Dist 379.3515'

Curve PRO02REL-1  
P.I. Station 226+40.94 N 2,112,286.1449 E 2,184,013.6794

**Curve Data**  
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Delta = 13° 14' 47.6" (RT)  
Degree = 2° 32' 35.9"  
Tangent = 261.5848'  
Length = 520.8371'  
Radius = 2,252.7958'  
External = 15.1362'  
Long Chord = 519.6779'  
Mid. Ord. = 15.0352'  
P.C. Station 223+79.35 N 2,112,316.5954 E 2,183,753.8730  
P.T. Station 229+00.19 N 2,112,196.9720 E 2,184,259.5956  
C.C. N 2,110,079.1153 E 2,183,491.6295

Equation: Sta 229+00.19 (BK) = Sta 229+00.00 (AH)  
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End Region 1  
Begin Region 2

Point PRCL6 N 2,112,196.9720 E 2,184,259.5956 Sta 229+00.00

Ending chain PRCLB002 description

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
403	2112328.9262	2184029.9514	613.1567	WBUS20	226+14.59	19.0748' RT	CHISELED SQUARE ON SE PAPANET, WB STRUCTURE
472	2112163.2279	2184452.0987	610.4231	WBUS20	230+74.10	37.3255' RT	CHISELED SQUARE ON W HEADWALL AT MEDIAN CROSSOVER

SURVEY ☐  
Chain EBUS20 contains:

A41 CUR 210 CUR 220 CUR 230 CUR 240 CUR 250 CUR 260A CUR 260B  
CUR 270 CUR 280 CUR 290 CUR 300 CUR 310 CUR 1210 CUR 1220 CUR 320  
CUR 330 CUR 340 CUR 350 CUR 360 CUR 370 CUR 380 CUR 390 CUR 1200  
CUR 1350

**Curve Data**  
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**Curve 230**  
P.I. Station 207+91.45 N 2,112,504.0155 E 2,182,155.6518  
Delta = 27° 20' 30.52" (LT)  
Degree = 2° 29' 46.82"  
Tangent = 558.2731'  
Length = 1,095.2766'  
Radius = 2,295.1927'  
External = 66.9204'  
Long Chord = 1,084.9136'  
Mid. Ord. = 65.0245'  
P.C. Station 202+33.18 N 2,112,816.4111 E 2,181,692.9664  
P.T. Station 213+28.45 N 2,112,439.0305 E 2,182,710.1298  
C.C. N 2,114,718.6205 E 2,182,977.2985

Course from PT 230 to PC 240 S 83° 18' 55.48" E Dist 1,033.9474'

**Curve Data**  
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**Curve 240**  
P.I. Station 230+93.98 N 2,112,233.5165 E 2,184,463.6575  
Delta = 34° 18' 03.46" (RT)  
Degree = 2° 25' 00.91"  
Tangent = 731.5824'  
Length = 1,419.2017'  
Radius = 2,370.6120'  
External = 110.3181'  
Long Chord = 1,398.1031'  
Mid. Ord. = 105.4126'  
P.C. Station 223+62.40 N 2,112,318.6753 E 2,183,737.0484  
P.T. Station 237+81.60 N 2,111,753.6945 E 2,185,015.9108  
C.C. N 2,109,964.1788 E 2,183,461.1007

Course from PT 240 to PC 250 S 49° 00' 52.02" E Dist 776.8101'

**Curve Data**  
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**Curve 250**  
P.I. Station 247+83.09 N 2,111,096.8521 E 2,185,771.9065  
Delta = 20° 32' 25.64" (RT)  
Degree = 4° 37' 14.71"  
Tangent = 224.6746'  
Length = 444.5262'  
Radius = 1,239.9664'  
External = 20.1905'  
Long Chord = 442.1496'  
Mid. Ord. = 19.8670'  
P.C. Station 245+58.41 N 2,111,244.2091 E 2,185,602.3053  
P.T. Station 250+02.94 N 2,110,899.3557 E 2,185,879.0223  
C.C. N 2,110,308.1895 E 2,184,789.0503

Chain WBUS20 contains:

A40 CUR 200 CUR 1230 CUR 1240 CUR 1250 CUR 1260 CUR 1270 CUR 1280  
CUR 1290 CUR 1300 CUR 1310 CUR 1320 CUR 1330 CUR 1340 CUR A025340  
CUR A025330 CUR A025320 CUR A025310

**Curve Data**  
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**Curve 1240**  
P.I. Station 206+57.06 N 2,112,640.0376 E 2,182,080.9335  
Delta = 25° 51' 57.24" (LT)  
Degree = 2° 29' 48.64"  
Tangent = 526.9516'  
Length = 1,035.9431'  
Radius = 2,294.7266'  
External = 59.7262'  
Long Chord = 1,027.1685'  
Mid. Ord. = 58.2111'  
P.C. Station 201+30.11 N 2,112,935.5426 E 2,181,644.6368  
P.T. Station 211+66.05 N 2,112,564.4787 E 2,182,602.4398  
C.C. N 2,114,835.4925 E 2,182,931.4781

Course from PT 1240 to PC 1250 S 81° 45' 21.62" E Dist 1,239.8903'

**Curve Data**  
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**Curve 1250**  
P.I. Station 230+39.79 N 2,112,295.8053 E 2,184,456.8167  
Delta = 30° 44' 07.58" (RT)  
Degree = 2° 29' 03.74"  
Tangent = 633.8491'  
Length = 1,237.1517'  
Radius = 2,306.2489'  
External = 85.5179'  
Long Chord = 1,222.3714'  
Mid. Ord. = 82.4602'  
P.C. Station 224+05.94 N 2,112,386.6922 E 2,183,829.5176  
P.T. Station 236+43.09 N 2,111,897.0880 E 2,184,949.5531  
C.C. N 2,110,104.2751 E 2,183,498.8272

Course from PT 1250 to PC 1260 S 51° 01' 14.04" E Dist 320.0331'

**Curve Data**  
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**Curve 1260**  
P.I. Station 249+66.79 N 2,111,064.4279 E 2,185,978.5578  
Delta = 47° 21' 47.25" (LT)  
Degree = 2° 30' 13.45"  
Tangent = 1,003.6638'  
Length = 1,891.6974'  
Radius = 2,288.4106'  
External = 210.4220'  
Long Chord = 1,838.2944'  
Mid. Ord. = 192.7027'  
P.C. Station 239+63.12 N 2,111,695.7740 E 2,185,198.3378  
P.T. Station 258+54.82 N 2,111,210.7636 E 2,186,971.4964  
C.C. N 2,113,474.7198 E 2,186,637.8427

NOTE: SURVEY DATA PROVIDED  
BY THE ILLINOIS DEPARTMENT  
OF TRANSPORTATION.

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
EBUS20	230	230	231	232	233
EBUS20	240	240	241	242	243
EBUS20	250	250	251	252	253
WBUS20	1240	1240	1241	1242	1243
WBUS20	1250	1250	1251	1252	1253
WBUS20	1260	1260	1261	1262	1263

  

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
PRCLB002	PRO02REL-1	PRCL3	PRCL7	PRCL2	PRCL6