



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 1270**  
 P.I. Station 289+22.57 N 2,111,658.0458 E 2,190,006.4623  
 Delta = 17° 30' 50.43" (RT)  
 Degree = 0° 23' 59.83"  
 Tangent = 2,206.7128'  
 Length = 4,379.0066'  
 Radius = 14,325.5962'  
 External = 168.9644'  
 Long Chord = 4,361.9779'  
 Mid. Ord. = 166.9948'  
 P.C. Station 267+15.86 N 2,111,336.3038 E 2,187,823.3308  
 P.T. Station 310+94.86 N 2,111,307.8836 E 2,192,185.2160  
 C.C. N 2,097,163.7928 E 2,189,912.0238

Course from PT 1270 to PC 1280 S 80° 52' 10.87" E Dist 1,464.1532'

Curve Data  
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**Curve 1280**  
 P.I. Station 332+66.78 N 2,110,963.2435 E 2,194,329.6103  
 Delta = 34° 19' 56.58" (LT)  
 Degree = 2° 30' 02.54"  
 Tangent = 707.7592'  
 Length = 1,372.9085'  
 Radius = 2,291.1855'  
 External = 106.8249'  
 Long Chord = 1,352.4608'  
 Mid. Ord. = 102.0662'  
 P.C. Station 325+59.02 N 2,111,075.5511 E 2,193,630.8184  
 P.T. Station 339+31.93 N 2,111,264.6159 E 2,194,969.9991  
 C.C. N 2,113,337.7073 E 2,193,994.3848

Course from PT 1280 to PC 1290 N 64° 47' 52.55" E Dist 332.4376'

Curve Data  
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**Curve 1290**  
 P.I. Station 351+78.12 N 2,111,795.2610 E 2,196,097.5717  
 Delta = 43° 27' 31.76" (RT)  
 Degree = 2° 29' 56.41"  
 Tangent = 913.7583'  
 Length = 1,739.0473'  
 Radius = 2,292.7468'  
 External = 175.3784'  
 Long Chord = 1,697.6581'  
 Mid. Ord. = 162.9165'  
 P.C. Station 342+64.36 N 2,111,406.1718 E 2,195,270.7925  
 P.T. Station 360+03.41 N 2,111,509.0027 E 2,196,965.3334  
 C.C. N 2,109,331.6677 E 2,196,247.0715

Course from PT 1290 to PC 1300 S 71° 44' 35.69" E Dist 292.2535'

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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 280**  
 P.I. Station 309+75.77 N 2,111,385.6217 E 2,191,240.5441  
 Delta = 24° 03' 46.37" (RT)  
 Degree = 2° 42' 02.18"  
 Tangent = 452.1747'  
 Length = 891.0176'  
 Radius = 2,121.5892'  
 External = 47.6509'  
 Long Chord = 884.4838'  
 Mid. Ord. = 46.6042'  
 P.C. Station 305+23.60 N 2,111,269.2979 E 2,190,803.5880  
 P.T. Station 314+14.62 N 2,111,313.6728 E 2,191,686.9579  
 C.C. N 2,109,219.1134 E 2,191,349.3757

Course from PT 280 to PC 290 S 80° 50' 39.55" E Dist 2,018.9751'

Curve Data  
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**Curve 290**  
 P.I. Station 340+79.36 N 2,110,889.6650 E 2,194,317.7534  
 Delta = 31° 29' 54.55" (LT)  
 Degree = 2° 30' 07.81"  
 Tangent = 645.7702'  
 Length = 1,258.8471'  
 Radius = 2,289.8442'  
 External = 89.3165'  
 Long Chord = 1,243.0544'  
 Mid. Ord. = 85.9634'  
 P.C. Station 334+33.59 N 2,110,992.4183 E 2,193,680.2105  
 P.T. Station 346+92.44 N 2,111,135.1527 E 2,194,915.0430  
 C.C. N 2,113,253.0891 E 2,194,044.5650

Course from PT 290 to PC 300 N 67° 39' 25.91" E Dist 370.7675'

Curve Data  
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**Curve 300**  
 P.I. Station 354+84.33 N 2,111,436.1894 E 2,195,647.4872  
 Delta = 20° 21' 23.61" (RT)  
 Degree = 2° 26' 33.58"  
 Tangent = 421.1275'  
 Length = 833.3764'  
 Radius = 2,345.6300'  
 External = 37.5042'  
 Long Chord = 829.0001'  
 Mid. Ord. = 36.9139'  
 P.C. Station 350+63.21 N 2,111,276.0989 E 2,195,257.9755  
 P.T. Station 358+96.58 N 2,111,450.7855 E 2,196,068.3616  
 C.C. N 2,109,106.5648 E 2,196,149.6602

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
EBUS20	280	280	281	282	283
EBUS20	290	290	291	292	293
EBUS20	300	300	301	302	303
WBUS20	1270	1270	1271	1272	1273
WBUS20	1280	1280	1281	1282	1283
WBUS20	1290	1290	1291	1292	1293

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
429	2111201.7630	2194941.8330	680.2710	WBUS20	338+80.69	45.4608' RT	DISK IN W HEADWALL AT MEDIAN CROSSOVER
479	2111070.0370	2193852.6070	676.6760	WBUS20	327+81.07	19.0875' LT	CHISELED SQUARE, IN NW WINGWALL IN WB STRUCTURE

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