

TYCZENIE KRAWĘDZI

1. Oś drogi powiatowej

Review Horizontal Alignment All

Preference: default

	STATION	NORTHING	EASTING
Element: Linear			
POCZĄTEK ()	0+285.00	6106404.525	3549492.014
()	0+286.46	6106405.262	3549493.275
Tangent Direction:	66.366		
Tangent Length:	1.46		

Element: Clothoid

()	0+286.46	6106405.262	3549493.275
()		6106432.171	3549539.380
()	0+366.46	6106442.450	3549564.035
Length:	80.00		
Angle:	8.488 Right		
Constant:	154.92		
Long Tangent:	53.38		
Short Tangent:	26.71		
Long Chord:	79.94		
Xs:	79.86		
Ys:	3.55		
P:	0.89		
K:	39.98		
Tangent Direction:	66.366		
Radial Direction:	166.366		
Chord Direction:	69.195		
Radial Direction:	174.854		
Tangent Direction:	74.854		

Element: Circular

()	0+366.46	6106442.450	3549564.035
()		6106165.549	3549679.473
()	0+420.25	6106458.597	3549615.265
Radius:	300.00		
Delta:	11.414 Right		
Length:	53.79		
Tangent:	26.97		
Chord:	53.71		
Middle Ordinate:	1.20		
External:	1.21		
Tangent Direction:	74.854		
Radial Direction:	174.854		
Chord Direction:	80.561		
Radial Direction:	186.268		
Tangent Direction:	86.268		

Element: Clothoid

()	0+420.25	6106458.597	3549615.265
()		6106464.314	3549641.358
()	0+500.25	6106468.706	3549694.560
Length:	80.00		
Angle:	8.488 Right		
Constant:	154.92		
Long Tangent:	53.38		
Short Tangent:	26.71		
Long Chord:	79.94		
Xs:	79.86		

Ys: 3.55
 P: 0.89
 K: 39.98
 Tangent Direction: 86.268
 Radial Direction: 186.268
 Chord Direction: 91.928
 Radial Direction: 194.757
 Tangent Direction: 94.757

Element: Linear

() 0+500.25 6106468.706 3549694.560
 () 0+898.47 6106501.468 3550091.430
 Tangent Direction: 94.757
 Tangent Length: 398.22

Element: Circular

() 0+898.47 6106501.468 3550091.430
 () 6108992.993 3549885.752
 () 1+136.93 6106532.382 3550327.785
 Radius: 2500.00
 Delta: 6.072 Left
 Length: 238.46
 Tangent: 119.32
 Chord: 238.37
 Middle Ordinate: 2.84
 External: 2.85
 Tangent Direction: 94.757
 Radial Direction: 194.757
 Chord Direction: 91.720
 Radial Direction: 188.684
 Tangent Direction: 88.684

Element: Linear

() 1+136.93 6106532.382 3550327.785
 () 1+568.60 6106608.707 3550752.654
 Tangent Direction: 88.684
 Tangent Length: 431.67

Element: Circular

() 1+568.60 6106608.707 3550752.654
 () 6100703.241 3551813.534
 () 1+669.80 6106625.761 3550852.410
 Radius: 6000.00
 Delta: 1.074 Right
 Length: 101.20
 Tangent: 50.60
 Chord: 101.20
 Middle Ordinate: 0.21
 External: 0.21
 Tangent Direction: 88.684
 Radial Direction: 188.684
 Chord Direction: 89.221
 Radial Direction: 189.758
 Tangent Direction: 89.758

Element: Linear

() 1+669.80 6106625.761 3550852.410
 () 1+670.55 6106625.881 3550853.150
 Tangent Direction: 89.758
 Tangent Length: 0.75

Element: Circular

() 1+670.55 6106625.881 3550853.150
 () 6114522.574 3549571.652

() 1+767.85 6106642.051 3550949.097
 Radius: 8000.00
 Delta: 0.774 Left
 Length: 97.30
 Tangent: 48.65
 Chord: 97.30
 Middle Ordinate: 0.15
 External: 0.15
 Tangent Direction: 89.758
 Radial Direction: 189.758
 Chord Direction: 89.371
 Radial Direction: 188.984
 Tangent Direction: 88.984

Element: Linear

() 1+767.85 6106642.051 3550949.097
 () 1+786.06 6106645.186 3550967.034
 Tangent Direction: 88.984
 Tangent Length: 18.21

Element: Linear

() 1+786.06 6106645.186 3550967.034
 () 1+817.58 6106650.612 3550998.080
 Tangent Direction: 88.984
 Tangent Length: 31.52

Element: Clothoid

() 1+817.58 6106650.612 3550998.080
 () 6106653.245 3551013.141
 () 1+840.36 6106651.847 3551020.699
 Length: 22.78
 Angle: 22.661 Right
 Constant: 27.00
 Long Tangent: 15.29
 Short Tangent: 7.69
 Long Chord: 22.65
 Xs: 22.49
 Ys: 2.68
 P: 0.67
 K: 11.34
 Tangent Direction: 88.984
 Radial Direction: 188.984
 Chord Direction: 96.529
 Radial Direction: 211.645
 Tangent Direction: 111.645

Element: Circular

() 1+840.36 6106651.847 3551020.699
 () 6106620.381 3551014.878
 () 1+866.91 6106637.325 3551042.024
 Radius: 32.00
 Delta: 52.830 Right
 Length: 26.56
 Tangent: 14.10
 Chord: 25.80
 Middle Ordinate: 2.72
 External: 2.97
 Tangent Direction: 111.645
 Radial Direction: 211.645
 Chord Direction: 138.060
 Radial Direction: 264.475
 Tangent Direction: 164.475

Element: Clothoid

() 1+866.91 6106637.325 3551042.024
 () 6106630.805 3551046.094
 () 1+889.69 6106615.826 3551049.163
 Length: 22.78
 Angle: 22.661 Right
 Constant: 27.00
 Long Tangent: 15.29
 Short Tangent: 7.69
 Long Chord: 22.65
 Xs: 22.49
 Ys: 2.68
 P: 0.67
 K: 11.34
 Tangent Direction: 164.475
 Radial Direction: 264.475
 Chord Direction: 179.590
 Radial Direction: 287.136
 Tangent Direction: 187.136

Element: Linear

() 1+889.69 6106615.826 3551049.163
 () 1+893.93 6106611.679 3551050.012
 Tangent Direction: 187.136
 Tangent Length: 4.23

Element: Clothoid

() 1+893.93 6106611.679 3551050.012
 () 6106591.522 3551054.142
 () 1+924.55 6106582.890 3551059.858
 Length: 30.63
 Angle: 24.371 Left
 Constant: 35.00
 Long Tangent: 20.58
 Short Tangent: 10.35
 Long Chord: 30.43
 Xs: 30.18
 Ys: 3.87
 P: 0.97
 K: 15.24
 Tangent Direction: 187.136
 Radial Direction: 287.136
 Chord Direction: 179.022
 Radial Direction: 262.765
 Tangent Direction: 162.765

Element: Circular

() 1+924.55 6106582.890 3551059.858
 () 6106604.974 3551093.209
 () 1+939.12 6106572.461 3551069.909
 Radius: 40.00
 Delta: 23.180 Left
 Length: 14.56
 Tangent: 7.36
 Chord: 14.48
 Middle Ordinate: 0.66
 External: 0.67
 Tangent Direction: 162.765
 Radial Direction: 262.765
 Chord Direction: 151.175
 Radial Direction: 239.585
 Tangent Direction: 139.585

Element: Clothoid

() 1+939.12 6106572.461 3551069.909

() 6106566.431 3551078.324
 () 1+969.74 6106561.560 3551098.315
 Length: 30.63
 Angle: 24.371 Left
 Constant: 35.00
 Long Tangent: 20.58
 Short Tangent: 10.35
 Long Chord: 30.43
 Xs: 30.18
 Ys: 3.87
 P: 0.97
 K: 15.24
 Tangent Direction: 139.585
 Radial Direction: 239.585
 Chord Direction: 123.328
 Radial Direction: 215.214
 Tangent Direction: 115.214

Element: Linear

() 1+969.74 6106561.560 3551098.315
 KONIEC () 1+976.70 6106559.913 3551105.073
 Tangent Direction: 115.214
 Tangent Length: 6.96

2. **Krawędź prawa 0+315 – 0+430 km osi głównej**

STATION NORTHING EASTING

Element: Linear

POZĄTEK () 0+000.00 6106415.583 3549520.205
 () 0+004.97 6106418.090 3549524.501
 Tangent Direction: 66.366
 Tangent Length: 4.97

Element: Linear

() 0+004.97 6106418.090 3549524.501
 () 0+009.94 6106420.564 3549528.809
 Tangent Direction: 66.810
 Tangent Length: 4.97

Element: Linear

() 0+009.94 6106420.564 3549528.809
 () 0+013.11 6106422.124 3549531.566
 Tangent Direction: 67.221
 Tangent Length: 3.17

Element: Linear

() 0+013.11 6106422.124 3549531.566
 () 0+014.91 6106423.003 3549533.134
 Tangent Direction: 67.495
 Tangent Length: 1.80

Element: Linear

() 0+014.91 6106423.003 3549533.134
 () 0+019.87 6106425.400 3549537.477
 Tangent Direction: 67.897
 Tangent Length: 4.96

Element: Linear

() 0+019.87 6106425.400 3549537.477
 () 0+024.83 6106427.751 3549541.842
 Tangent Direction: 68.540
 Tangent Length: 4.96

Element: Linear

() 0+024.83 6106427.751 3549541.842
 () 0+028.19 6106429.319 3549544.818
 Tangent Direction: 69.129
 Tangent Length: 3.36

Element: Linear

() 0+028.19 6106429.319 3549544.818
 () 0+029.78 6106430.053 3549546.230
 Tangent Direction: 69.502
 Tangent Length: 1.59

Element: Linear

() 0+029.78 6106430.053 3549546.230
 () 0+034.73 6106432.299 3549550.643
 Tangent Direction: 70.025
 Tangent Length: 4.95

Element: Linear

() 0+034.73 6106432.299 3549550.643
 () 0+039.77 6106434.524 3549555.161
 Tangent Direction: 70.867
 Tangent Length: 5.04

Element: Circular

() 0+039.77 6106434.524 3549555.161
 () 6106255.103 3549643.524
 () 0+054.95 6106440.707 3549569.018
 Radius: 200.00
 Delta: 4.831 Right
 Length: 15.18
 Tangent: 7.59
 Chord: 15.17
 Middle Ordinate: 0.14
 External: 0.14
 Tangent Direction: 70.867
 Radial Direction: 170.867
 Chord Direction: 73.282
 Radial Direction: 175.698
 Tangent Direction: 75.698

Element: Circular

() 0+054.95 6106440.707 3549569.018
 () 6106165.549 3549679.473
 () 0+104.16 6106455.174 3549615.994
 Radius: 296.50
 Delta: 10.566 Right
 Length: 49.21
 Tangent: 24.66
 Chord: 49.15
 Middle Ordinate: 1.02
 External: 1.02
 Tangent Direction: 75.698
 Radial Direction: 175.698
 Chord Direction: 80.981
 Radial Direction: 186.264
 Tangent Direction: 86.264

Elements Are Not Colinear

Element: Linear

() 0+104.16 6106455.174 3549615.994
 () 0+106.38 6106455.624 3549618.168
 Tangent Direction: 87.017
 Tangent Length: 2.22

Element: Circular

()	0+106.38	6106455.624	3549618.168
()		6106450.727	3549619.180
()	0+114.76	6106451.215	3549624.157
Radius:	5.00		
Delta:	106.761	Right	
Length:	8.38		
Tangent:	5.56		
Chord:	7.44		
Middle Ordinate:	1.66		
External:	2.48		
Tangent Direction:	87.017		
Radial Direction:	187.017		
Chord Direction:	140.397		
Radial Direction:	293.777		
Tangent Direction:	193.777		

Element: Linear

()	0+114.76	6106451.215	3549624.157
KONIEC ()	0+115.88	6106450.099	3549624.266
Tangent Direction:	193.777		
Tangent Length:	1.12		

3. Krawędź prawa 0+430 – 0+488 km osi głównej

	STATION	NORTHING	EASTING
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Element: Linear

POCZĄTEK ()	0+000.00	6106449.935	3549629.306
()	0+003.09	6106453.008	3549629.005
Tangent Direction:	393.777		
Tangent Length:	3.09		

Element: Circular

()	0+003.09	6106453.008	3549629.005
()		6106453.496	3549633.981
()	0+010.66	6106458.437	3549633.217
Radius:	5.00		
Delta:	96.458	Right	
Length:	7.58		
Tangent:	4.73		
Chord:	6.87		
Middle Ordinate:	1.37		
External:	1.88		
Tangent Direction:	393.777		
Radial Direction:	93.777		
Chord Direction:	42.006		
Radial Direction:	190.235		
Tangent Direction:	90.235		

Element: Circular

()	0+010.66	6106458.437	3549633.217
()		6106359.611	3549648.495
()	0+016.56	6106459.165	3549639.065
Radius:	100.00		
Delta:	3.752	Right	
Length:	5.89		
Tangent:	2.95		
Chord:	5.89		
Middle Ordinate:	0.04		
External:	0.04		
Tangent Direction:	90.235		
Radial Direction:	190.235		

Chord Direction: 92.112
 Radial Direction: 193.988
 Tangent Direction: 93.988

Element: Linear

() 0+016.56 6106459.165 3549639.065
 () 0+021.81 6106459.661 3549644.300
 Tangent Direction: 93.988
 Tangent Length: 5.26

Element: Linear

() 0+021.81 6106459.661 3549644.300
 () 0+032.35 6106460.492 3549654.798
 Tangent Direction: 94.970
 Tangent Length: 10.53

Element: Circular

() 0+032.35 6106460.492 3549654.798
 () 6106560.180 3549646.905
 () 0+038.79 6106461.207 3549661.201
 Radius: 100.00
 Delta: 4.102 Left
 Length: 6.44
 Tangent: 3.22
 Chord: 6.44
 Middle Ordinate: 0.05
 External: 0.05
 Tangent Direction: 94.970
 Radial Direction: 194.970
 Chord Direction: 92.919
 Radial Direction: 190.868
 Tangent Direction: 90.868

Element: Linear

() 0+038.79 6106461.207 3549661.201
 () 0+051.05 6106462.959 3549673.331
 Tangent Direction: 90.868
 Tangent Length: 12.26

Element: Linear

() 0+051.05 6106462.959 3549673.331
 () 0+053.24 6106463.259 3549675.505
 Tangent Direction: 91.289
 Tangent Length: 2.19

Element: Circular

() 0+053.24 6106463.259 3549675.505
 () 6106458.306 3549676.187
 () 0+061.35 6106458.735 3549681.169
 Radius: 5.00
 Delta: 103.241 Right
 Length: 8.11
 Tangent: 5.26
 Chord: 7.25
 Middle Ordinate: 1.56
 External: 2.26
 Tangent Direction: 91.289
 Radial Direction: 191.289
 Chord Direction: 142.909
 Radial Direction: 294.529
 Tangent Direction: 194.529

4. Krawędź prawa 0+480 – 0+610 km osi głównej

	STATION	NORTHING	EASTING
<i>Element: Linear</i>			
POCZĄTEK ()	0+000.00	6106458.765	3549686.185
()	0+000.70	6106459.463	3549686.125
Tangent Direction:	394.529		
Tangent Length:	0.70		

<i>Element: Circular</i>			
()	0+000.70	6106459.463	3549686.125
()		6106459.892	3549691.106
()	0+008.57	6106464.875	3549690.695
Radius:	5.00		
Delta:	100.227	Right	
Length:	7.87		
Tangent:	5.02		
Chord:	7.08		
Middle Ordinate:	1.47		
External:	2.08		
Tangent Direction:	394.529		
Radial Direction:	94.529		
Chord Direction:	44.643		
Radial Direction:	194.757		
Tangent Direction:	94.757		

<i>Element: Linear</i>			
()	0+008.57	6106464.875	3549690.695
()	0+116.10	6106473.722	3549797.857
Tangent Direction:	94.757		
Tangent Length:	107.53		

<i>Element: Circular</i>			
()	0+116.10	6106473.722	3549797.857
()		6106468.739	3549798.268
()	0+122.99	6106470.091	3549803.082
Radius:	5.00		
Delta:	87.802	Right	
Length:	6.90		
Tangent:	4.12		
Chord:	6.36		
Middle Ordinate:	1.14		
External:	1.48		
Tangent Direction:	94.757		
Radial Direction:	194.757		
Chord Direction:	138.657		
Radial Direction:	282.558		
Tangent Direction:	182.558		

5. Krawędź prawa 0+610– 0+980 km osi głównej

	STATION	NORTHING	EASTING
<i>Element: Circular</i>			
()	0+000.00	6106470.473	3549807.748
()		6106469.931	3549812.719
()	0+006.90	6106474.915	3549812.308
Radius:	5.00		
Delta:	87.848	Right	
Length:	6.90		
Tangent:	4.13		
Chord:	6.37		
Middle Ordinate:	1.14		
External:	1.48		
Tangent Direction:	6.909		

Radial Direction: 106.909
 Chord Direction: 50.833
 Radial Direction: 194.757
 Tangent Direction: 94.757

Element: Linear

() 0+006.90 6106474.915 3549812.308
 () 0+287.26 6106497.980 3550091.718
 Tangent Direction: 94.757
 Tangent Length: 280.36

Element: Circular

() 0+287.26 6106497.980 3550091.718
 () 6108992.993 3549885.752
 () 0+309.46 6106499.905 3550113.833
 Radius: 2503.50
 Delta: 0.565 Left
 Length: 22.20
 Tangent: 11.10
 Chord: 22.20
 Middle Ordinate: 0.02
 External: 0.02
 Tangent Direction: 94.757
 Radial Direction: 194.757
 Chord Direction: 94.474
 Radial Direction: 194.192
 Tangent Direction: 94.192

Element: Circular

() 0+309.46 6106499.905 3550113.833
 () 6106300.736 3550132.054
 () 0+318.30 6106500.515 3550122.648
 Radius: 200.00
 Delta: 2.813 Right
 Length: 8.84
 Tangent: 4.42
 Chord: 8.84
 Middle Ordinate: 0.05
 External: 0.05
 Tangent Direction: 94.192
 Radial Direction: 194.192
 Chord Direction: 95.598
 Radial Direction: 197.005
 Tangent Direction: 97.005

Element: Linear

() 0+318.30 6106500.515 3550122.648
 () 0+330.32 6106501.080 3550134.654
 Tangent Direction: 97.005
 Tangent Length: 12.02

Element: Circular

() 0+330.32 6106501.080 3550134.654
 () 6106620.948 3550129.011
 () 0+343.55 6106502.430 3550147.814
 Radius: 120.00
 Delta: 7.022 Left
 Length: 13.24
 Tangent: 6.62
 Chord: 13.23
 Middle Ordinate: 0.18
 External: 0.18
 Tangent Direction: 97.005
 Radial Direction: 197.005

Chord Direction: 93.494
 Radial Direction: 189.983
 Tangent Direction: 89.983

Element: Linear

() 0+343.55 6106502.430 3550147.814
 () 0+355.57 6106504.313 3550159.685
 Tangent Direction: 89.983
 Tangent Length: 12.02

Element: Circular

() 0+355.57 6106504.313 3550159.685
 () 6106306.784 3550191.024
 () 0+359.75 6106504.925 3550163.821
 Radius: 200.00
 Delta: 1.331 Right
 Length: 4.18
 Tangent: 2.09
 Chord: 4.18
 Middle Ordinate: 0.01
 External: 0.01
 Tangent Direction: 89.983
 Radial Direction: 189.983
 Chord Direction: 90.649
 Radial Direction: 191.314
 Tangent Direction: 91.314

Element: Circular

() 0+359.75 6106504.925 3550163.821
 () 6106496.009 3550165.045
 () 0+368.02 6106502.390 3550171.393
 Radius: 9.00
 Delta: 58.518 Right
 Length: 8.27
 Tangent: 4.45
 Chord: 7.98
 Middle Ordinate: 0.93
 External: 1.04
 Tangent Direction: 91.314
 Radial Direction: 191.314
 Chord Direction: 120.573
 Radial Direction: 249.833
 Tangent Direction: 149.833

6. Krawędź prawa 0+980 – 1+786.06 km osi głównej

	STATION	NORTHING	EASTING
Element: Circular			
()	0+000.00	6106503.408	3550179.987
()		6106499.630	3550187.039
()	0+007.67	6106507.573	3550186.079
Radius:	8.00		
Delta:	61.034 Right		
Length:	7.67		
Tangent:	4.16		
Chord:	7.38		
Middle Ordinate:	0.90		
External:	1.02		
Tangent Direction:	31.310		
Radial Direction:	131.310		
Chord Direction:	61.827		
Radial Direction:	192.344		
Tangent Direction:	92.344		

Element: Circular

() 0+007.67 6106507.573 3550186.079
 () 6108992.993 3549885.752
 () 0+071.57 6106516.047 3550249.413
 Radius: 2503.50
 Delta: 1.625 Left
 Length: 63.90
 Tangent: 31.95
 Chord: 63.90
 Middle Ordinate: 0.20
 External: 0.20
 Tangent Direction: 92.344
 Radial Direction: 192.344
 Chord Direction: 91.532
 Radial Direction: 190.720
 Tangent Direction: 90.720

*Elements Are Not Colinear**Element: Linear*

() 0+071.57 6106516.047 3550249.413
 () 0+086.64 6106517.137 3550264.441
 Tangent Direction: 95.392
 Tangent Length: 15.07

Element: Linear

() 0+086.64 6106517.137 3550264.441
 () 0+089.14 6106514.665 3550264.819
 Tangent Direction: 190.345
 Tangent Length: 2.50

*Elements Are Not Colinear**Element: Circular*

() 0+089.14 6106514.665 3550264.819
 () 6108992.993 3549885.752
 () 0+154.25 6106525.345 3550329.049
 Radius: 2507.15
 Delta: 1.653 Left
 Length: 65.11
 Tangent: 32.56
 Chord: 65.11
 Middle Ordinate: 0.21
 External: 0.21
 Tangent Direction: 90.338
 Radial Direction: 190.338
 Chord Direction: 89.511
 Radial Direction: 188.684
 Tangent Direction: 88.684

Element: Linear

() 0+154.25 6106525.345 3550329.049
 () 0+585.92 6106601.670 3550753.918
 Tangent Direction: 88.684
 Tangent Length: 431.67

Element: Circular

() 0+585.92 6106601.670 3550753.918
 () 6100703.241 3551813.534
 () 0+687.01 6106618.703 3550853.556
 Radius: 5992.85
 Delta: 1.074 Right
 Length: 101.08

Tangent: 50.54
 Chord: 101.08
 Middle Ordinate: 0.21
 External: 0.21
 Tangent Direction: 88.684
 Radial Direction: 188.684
 Chord Direction: 89.221
 Radial Direction: 189.758
 Tangent Direction: 89.758

Element: Linear

() 0+687.01 6106618.703 3550853.556
 () 0+687.76 6106618.823 3550854.295
 Tangent Direction: 89.758
 Tangent Length: 0.75

Element: Circular

() 0+687.76 6106618.823 3550854.295
 () 6114522.574 3549571.652
 () 0+697.82 6106620.442 3550864.232
 Radius: 8007.15
 Delta: 0.080 Left
 Length: 10.07
 Tangent: 5.03
 Chord: 10.07
 Middle Ordinate: 0.00
 External: 0.00
 Tangent Direction: 89.758
 Radial Direction: 189.758
 Chord Direction: 89.718
 Radial Direction: 189.678
 Tangent Direction: 89.678

Elements Are Not Colinear

Element: Linear

() 0+697.82 6106620.442 3550864.232
 () 0+700.32 6106622.909 3550863.826
 Tangent Direction: 389.627
 Tangent Length: 2.50

Element: Linear

() 0+700.32 6106622.909 3550863.826
 () 0+713.65 6106625.710 3550876.857
 Tangent Direction: 86.517
 Tangent Length: 13.33

Elements Are Not Colinear

Element: Circular

() 0+713.65 6106625.710 3550876.857
 () 6114522.574 3549571.652
 () 0+753.32 6106632.276 3550915.980
 Radius: 8004.00
 Delta: 0.316 Left
 Length: 39.67
 Tangent: 19.84
 Chord: 39.67
 Middle Ordinate: 0.02
 External: 0.02
 Tangent Direction: 89.572
 Radial Direction: 189.572
 Chord Direction: 89.414
 Radial Direction: 189.257

Tangent Direction: 89.257

Elements Are Not Colinear

Element: Linear

() 0+753.32 6106632.276 3550915.980
 () 0+754.89 6106630.725 3550916.245
 Tangent Direction: 189.209
 Tangent Length: 1.57

Element: Linear

() 0+754.89 6106630.725 3550916.245
 KONIEC () 0+807.41 6106639.768 3550967.981
 Tangent Direction: 88.984
 Tangent Length: 52.52

7. Zatoka autobusowa str. Prawa km 0+392.75 km osi głównej

	STATION	NORTHING	EASTING
Element: Circular			
()	0+000.00	6106434.956	3549556.066
()		6106407.894	3549569.014
()	0+005.68	6106436.909	3549561.389
Radius:	30.00		
Delta:	12.049 Right		
Length:	5.68		
Tangent:	2.85		
Chord:	5.67		
Middle Ordinate:	0.13		
External:	0.13		
Tangent Direction:	71.590		
Radial Direction:	171.590		
Chord Direction:	77.614		
Radial Direction:	183.639		
Tangent Direction:	83.639		

Element: Linear

() 0+005.68 6106436.909 3549561.389
 () 0+026.25 6106442.138 3549581.286
 Tangent Direction: 83.639
 Tangent Length: 20.57

Elements Are Not Colinear

Element: Circular

() 0+026.25 6106442.138 3549581.286
 () 6106165.549 3549679.473
 () 0+046.05 6106448.127 3549600.153
 Radius: 293.50
 Delta: 4.294 Right
 Length: 19.80
 Tangent: 9.90
 Chord: 19.80
 Middle Ordinate: 0.17
 External: 0.17
 Tangent Direction: 78.284
 Radial Direction: 178.284
 Chord Direction: 80.431
 Radial Direction: 182.578
 Tangent Direction: 82.578

Elements Are Not Colinear

Element: Linear

()	0+046.05	6106448.127	3549600.153
()	0+055.63	6106452.707	3549608.562
Tangent Direction:		68.254	
Tangent Length:		9.58	

Element: Circular

()	0+055.63	6106452.707	3549608.562
()		6106435.142	3549618.127
()	0+061.37	6106454.698	3549613.934
Radius:		20.00	
Delta:		18.297 Right	
Length:		5.75	
Tangent:		2.89	
Chord:		5.73	
Middle Ordinate:		0.21	
External:		0.21	
Tangent Direction:		68.254	
Radial Direction:		168.254	
Chord Direction:		77.402	
Radial Direction:		186.551	
Tangent Direction:		86.551	

8. Zatoka autobusowa str. Prawa km 0+826 km osi głównej

	STATION	NORTHING	EASTING
<i>Element: Circular</i>			
()	0+000.00	6106489.143	3549984.661
()		6106459.244	3549987.129
()	0+003.73	6106489.218	3549988.389
Radius:		30.00	
Delta:		7.917 Right	
Length:		3.73	
Tangent:		1.87	
Chord:		3.73	
Middle Ordinate:		0.06	
External:		0.06	
Tangent Direction:		94.757	
Radial Direction:		194.757	
Chord Direction:		98.715	
Radial Direction:		202.673	
Tangent Direction:		102.673	

Element: Linear

()	0+003.73	6106489.218	3549988.389
()	0+026.05	6106488.281	3550010.688
Tangent Direction:		102.673	
Tangent Length:		22.32	

Element: Linear

()	0+026.05	6106488.281	3550010.688
()	0+046.05	6106489.926	3550030.620
Tangent Direction:		94.756	
Tangent Length:		20.00	

Element: Linear

()	0+046.05	6106489.926	3550030.620
()	0+054.73	6106492.716	3550038.836
Tangent Direction:		79.161	
Tangent Length:		8.68	

Element: Circular

()	0+054.73	6106492.716	3550038.836
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()	6106464.309	3550048.482
()	0+062.08	6106494.207 3550046.014
Radius:	30.00	
Delta:	15.596	Right
Length:	7.35	
Tangent:	3.69	
Chord:	7.33	
Middle Ordinate:	0.22	
External:	0.23	
Tangent Direction:	79.161	
Radial Direction:	179.161	
Chord Direction:	86.959	
Radial Direction:	194.757	
Tangent Direction:	94.757	

9. Krawęż lewa 0+315 – 0+480 km osi głównej

	STATION	NORTHING	EASTING
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Element: Linear

POCZĄTEK ()	0+000.00	6106423.430	3549515.802
()	0+000.61	6106423.722	3549516.343
Tangent Direction:	68.461		
Tangent Length:	0.61		

Element: Linear

()	0+000.61	6106423.722	3549516.343
()	0+007.92	6106427.140	3549522.802
Tangent Direction:	69.022		
Tangent Length:	7.31		

Element: Linear

()	0+007.92	6106427.140	3549522.802
()	0+015.24	6106430.489	3549529.305
Tangent Direction:	69.723		
Tangent Length:	7.32		

Element: Linear

()	0+015.24	6106430.489	3549529.305
()	0+022.56	6106433.755	3549535.859
Tangent Direction:	70.565		
Tangent Length:	7.32		

Element: Linear

()	0+022.56	6106433.755	3549535.859
()	0+029.89	6106436.924	3549542.470
Tangent Direction:	71.547		
Tangent Length:	7.33		

Element: Linear

()	0+029.89	6106436.924	3549542.470
()	0+037.23	6106439.978	3549549.142
Tangent Direction:	72.670		
Tangent Length:	7.34		

Element: Linear

()	0+037.23	6106439.978	3549549.142
()	0+044.57	6106442.903	3549555.881
Tangent Direction:	73.932		
Tangent Length:	7.35		

Element: Linear

()	0+044.57	6106442.903	3549555.881
()	0+051.93	6106445.680	3549562.688
Tangent Direction:	75.337		

Tangent Length: 7.35

Elements Are Not Colinear

Element: Circular

()	0+051.93	6106445.680	3549562.688
()		6106165.549	3549679.473
()	0+106.34	6106462.016	3549614.516
Radius:	303.50		
Delta:	11.414	Right	
Length:	54.41		
Tangent:	27.28		
Chord:	54.34		
Middle Ordinate:	1.22		
External:	1.22		
Tangent Direction:	74.854		
Radial Direction:	174.854		
Chord Direction:	80.561		
Radial Direction:	186.268		
Tangent Direction:	86.268		

Elements Are Not Colinear

Element: Linear

()	0+106.34	6106462.016	3549614.516
()	0+113.69	6106463.505	3549621.715
Tangent Direction:	87.014		
Tangent Length:	7.35		

Element: Linear

()	0+113.69	6106463.505	3549621.715
()	0+121.13	6106464.850	3549629.028
Tangent Direction:	88.420		
Tangent Length:	7.43		

Elements Are Not Colinear

Element: Circular

()	0+121.13	6106464.850	3549629.028
()		6106662.363	3549597.585
()	0+128.41	6106466.127	3549636.202
Radius:	200.00		
Delta:	2.320	Left	
Length:	7.29		
Tangent:	3.64		
Chord:	7.29		
Middle Ordinate:	0.03		
External:	0.03		
Tangent Direction:	89.950		
Radial Direction:	189.950		
Chord Direction:	88.790		
Radial Direction:	187.630		
Tangent Direction:	87.630		

Element: Linear

()	0+128.41	6106466.127	3549636.202
()	0+135.56	6106467.506	3549643.208
Tangent Direction:	87.630		
Tangent Length:	7.14		

Element: Linear

()	0+135.56	6106467.506	3549643.208
()	0+142.79	6106468.792	3549650.324
Tangent Direction:	88.612		

Tangent Length: 7.23

Element: Circular

() 0+142.79 6106468.792 3549650.324
 () 6106370.388 3549668.116
 () 0+155.46 6106470.252 3549662.906
 Radius: 100.00
 Delta: 8.069 Right
 Length: 12.67
 Tangent: 6.35
 Chord: 12.67
 Middle Ordinate: 0.20
 External: 0.20
 Tangent Direction: 88.612
 Radial Direction: 188.612
 Chord Direction: 92.647
 Radial Direction: 196.681
 Tangent Direction: 96.681

Element: Circular

() 0+155.46 6106470.252 3549662.906
 () 6106478.241 3549662.489
 () 0+168.13 6106478.765 3549670.472
 Radius: 8.00
 Delta: 100.850 Left
 Length: 12.67
 Tangent: 8.11
 Chord: 11.39
 Middle Ordinate: 2.38
 External: 3.39
 Tangent Direction: 96.681
 Radial Direction: 196.681
 Chord Direction: 46.256
 Radial Direction: 95.831
 Tangent Direction: 395.831

Element: Linear

() 0+168.13 6106478.765 3549670.472
 KONIEC () 0+169.37 6106480.001 3549670.391
 Tangent Direction: 395.831
 Tangent Length: 1.24

10. Krawędź lewa 0+480 – 0+626 km osi głównej

STATION NORTHING EASTING

Element: Linear

POCZĄTEK () 0+000.00 6106480.494 3549677.373
 () 0+001.53 6106478.970 3549677.473
 Tangent Direction: 195.831
 Tangent Length: 1.53

Element: Circular

() 0+001.53 6106478.970 3549677.473
 () 6106479.494 3549685.456
 () 0+014.23 6106471.521 3549686.114
 Radius: 8.00
 Delta: 101.074 Left
 Length: 12.70
 Tangent: 8.14
 Chord: 11.41
 Middle Ordinate: 2.39
 External: 3.41
 Tangent Direction: 195.831

Radial Direction: 295.831
 Chord Direction: 145.294
 Radial Direction: 194.757
 Tangent Direction: 94.757

Element: Linear

() 0+014.23 6106471.521 3549686.114
 () 0+137.74 6106481.683 3549809.210
 Tangent Direction: 94.757
 Tangent Length: 123.51

Element: Circular

() 0+137.74 6106481.683 3549809.210
 () 6106489.656 3549808.552
 () 0+150.28 6106490.281 3549816.527
 Radius: 8.00
 Delta: 99.739 Left
 Length: 12.53
 Tangent: 7.97
 Chord: 11.29
 Middle Ordinate: 2.33
 External: 3.29
 Tangent Direction: 94.757
 Radial Direction: 194.757
 Chord Direction: 44.887
 Radial Direction: 95.017
 Tangent Direction: 395.017

Element: Linear

() 0+150.28 6106490.281 3549816.527
 KONIEC () 0+150.88 6106490.887 3549816.480
 Tangent Direction: 395.017
 Tangent Length: 0.61

11. Krawędź lewa 0+626 – 0+964 km osi głównej

STATION NORTHING EASTING

Element: Linear

POCZĄTEK () 0+000.00 6106493.399 3549821.800
 () 0+002.61 6106490.799 3549822.003
 Tangent Direction: 195.017
 Tangent Length: 2.61

Element: Circular

() 0+002.61 6106490.799 3549822.003
 () 6106491.424 3549829.979
 () 0+015.21 6106483.451 3549830.637
 Radius: 8.00
 Delta: 100.261 Left
 Length: 12.60
 Tangent: 8.03
 Chord: 11.34
 Middle Ordinate: 2.35
 External: 3.34
 Tangent Direction: 195.017
 Radial Direction: 295.017
 Chord Direction: 144.887
 Radial Direction: 194.757
 Tangent Direction: 94.757

Element: Linear

() 0+015.21 6106483.451 3549830.637
 () 0+276.60 6106504.956 3550091.142

Tangent Direction: 94.757
Tangent Length: 261.39

Element: Circular

() 0+276.60 6106504.956 3550091.142
() 6108992.993 3549885.752
() 0+297.32 6106506.747 3550111.789
Radius: 2496.50
Delta: 0.528 Left
Length: 20.72
Tangent: 10.36
Chord: 20.72
Middle Ordinate: 0.02
External: 0.02
Tangent Direction: 94.757
Radial Direction: 194.757
Chord Direction: 94.492
Radial Direction: 194.228
Tangent Direction: 94.228

Element: Circular

() 0+297.32 6106506.747 3550111.789
() 6106705.926 3550093.680
() 0+308.60 6106508.085 3550122.988
Radius: 200.00
Delta: 3.591 Left
Length: 11.28
Tangent: 5.64
Chord: 11.28
Middle Ordinate: 0.08
External: 0.08
Tangent Direction: 94.228
Radial Direction: 194.228
Chord Direction: 92.433
Radial Direction: 190.637
Tangent Direction: 90.637

Element: Linear

() 0+308.60 6106508.085 3550122.988
() 0+321.64 6106509.995 3550135.880
Tangent Direction: 90.637
Tangent Length: 13.03

Element: Circular

() 0+321.64 6106509.995 3550135.880
() 6106411.074 3550150.534
() 0+329.13 6106510.814 3550143.329
Radius: 100.00
Delta: 4.772 Right
Length: 7.50
Tangent: 3.75
Chord: 7.49
Middle Ordinate: 0.07
External: 0.07
Tangent Direction: 90.637
Radial Direction: 190.637
Chord Direction: 93.023
Radial Direction: 195.409
Tangent Direction: 95.409

Element: Circular

() 0+329.13 6106510.814 3550143.329
() 6106520.289 3550142.645
() 0+343.73 6106520.648 3550152.138

Radius: 9.50
 Delta: 97.814 Left
 Length: 14.60
 Tangent: 9.18
 Chord: 13.20
 Middle Ordinate: 2.67
 External: 3.71
 Tangent Direction: 95.409
 Radial Direction: 195.409
 Chord Direction: 46.502
 Radial Direction: 97.595
 Tangent Direction: 397.595

Element: Linear

() 0+343.73 6106520.648 3550152.138
 KONIEC () 0+346.90 6106523.818 3550152.018
 Tangent Direction: 397.595
 Tangent Length: 3.17

12. Krawężł lewa 0+964 – 1+015 km osi głównej

	STATION	NORTHING	EASTING
Element: Linear			
POCZĄTEK ()	0+000.00	6106521.244	3550159.119
()	0+001.38	6106519.873	3550159.221
Tangent Direction:	195.303		
Tangent Length:	1.38		

Element: Circular

() 0+001.38 6106519.873 3550159.221
 () 6106520.462 3550167.199
 () 0+014.22 6106512.510 3550168.067
 Radius: 8.00
 Delta: 102.227 Left
 Length: 12.85
 Tangent: 8.28
 Chord: 11.51
 Middle Ordinate: 2.44
 External: 3.52
 Tangent Direction: 195.303
 Radial Direction: 295.303
 Chord Direction: 144.190
 Radial Direction: 193.076
 Tangent Direction: 93.076

Element: Circular

() 0+014.22 6106512.510 3550168.067
 () 6106711.328 3550146.358
 () 0+015.21 6106512.620 3550169.054
 Radius: 200.00
 Delta: 0.316 Left
 Length: 0.99
 Tangent: 0.50
 Chord: 0.99
 Middle Ordinate: 0.00
 External: 0.00
 Tangent Direction: 93.076
 Radial Direction: 193.076
 Chord Direction: 92.918
 Radial Direction: 192.760
 Tangent Direction: 92.760

Element: Circular

() 0+015.21 6106512.620 3550169.054
 () 6108992.993 3549885.752
 () 0+039.73 6106515.522 3550193.401
 Radius: 2496.50
 Delta: 0.625 Left
 Length: 24.52
 Tangent: 12.26
 Chord: 24.52
 Middle Ordinate: 0.03
 External: 0.03
 Tangent Direction: 92.760
 Radial Direction: 192.760
 Chord Direction: 92.447
 Radial Direction: 192.135
 Tangent Direction: 92.135

Element: Circular

() 0+039.73 6106515.522 3550193.401
 () 6106530.408 3550191.553
 () 0+049.95 6106520.009 3550202.364
 Radius: 15.00
 Delta: 43.374 Left
 Length: 10.22
 Tangent: 5.32
 Chord: 10.02
 Middle Ordinate: 0.86
 External: 0.91
 Tangent Direction: 92.135
 Radial Direction: 192.135
 Chord Direction: 70.448
 Radial Direction: 148.761
 Tangent Direction: 48.761

Element: Linear

() 0+049.95 6106520.009 3550202.364
 KONIEC () 0+054.72 6106523.447 3550205.669
 Tangent Direction: 48.761
 Tangent Length: 4.77

13. Zatoka autobusowa str. Lewa km 0+574.25 km osi głównej

	STATION	NORTHING	EASTING
<i>Element: Circular</i>			
()	0+000.00	6106476.168	3549742.410
()		6106506.067	3549739.942
()	0+007.35	6106477.660	3549749.588
Radius:	30.00		
Delta:	15.596 Left		
Length:	7.35		
Tangent:	3.69		
Chord:	7.33		
Middle Ordinate:	0.22		
External:	0.23		
Tangent Direction:	94.757		
Radial Direction:	194.757		
Chord Direction:	86.959		
Radial Direction:	179.161		
Tangent Direction:	79.161		

Element: Linear

() 0+007.35 6106477.660 3549749.588
 () 0+016.03 6106480.449 3549757.803
 Tangent Direction: 79.161

Tangent Length: 8.68

Element: Linear

() 0+016.03 6106480.449 3549757.803

() 0+036.03 6106482.095 3549777.735

Tangent Direction: 94.756

Tangent Length: 20.00

Element: Linear

() 0+036.03 6106482.095 3549777.735

() 0+058.34 6106481.158 3549800.035

Tangent Direction: 102.673

Tangent Length: 22.32

Element: Circular

() 0+058.34 6106481.158 3549800.035

() 6106511.131 3549801.294

() 0+062.08 6106481.233 3549803.762

Radius: 30.00

Delta: 7.917 Left

Length: 3.73

Tangent: 1.87

Chord: 3.73

Middle Ordinate: 0.06

External: 0.06

Tangent Direction: 102.673

Radial Direction: 202.673

Chord Direction: 98.715

Radial Direction: 194.757

Tangent Direction: 94.757

14. Zatoka autobusowa str. Lewa km 0+574.25 km osi głównej

STATION NORTHING EASTING

Element: Circular

() 0+000.00 6106503.416 3550072.487

() 6106533.315 3550070.019

() 0+007.35 6106504.908 3550079.665

Radius: 30.00

Delta: 15.597 Left

Length: 7.35

Tangent: 3.69

Chord: 7.33

Middle Ordinate: 0.22

External: 0.23

Tangent Direction: 94.757

Radial Direction: 194.757

Chord Direction: 86.958

Radial Direction: 179.159

Tangent Direction: 79.159

Element: Linear

() 0+007.35 6106504.908 3550079.665

() 0+016.03 6106507.697 3550087.880

Tangent Direction: 79.161

Tangent Length: 8.68

Element: Linear

() 0+016.03 6106507.697 3550087.880

() 0+036.03 6106509.343 3550107.812

Tangent Direction: 94.757

Tangent Length: 20.00

Element: Linear

()	0+036.03	6106509.343	3550107.812
()	0+051.73	6106508.683	3550123.508
Tangent Direction:		102.673	
Tangent Length:		15.71	

Element: Circular

()	0+051.73	6106508.683	3550123.508
()		6106538.657	3550124.767
()	0+057.43	6106508.984	3550129.182
Radius:		30.00	
Delta:		12.077 Left	
Length:		5.69	
Tangent:		2.85	
Chord:		5.68	
Middle Ordinate:		0.13	
External:		0.14	
Tangent Direction:		102.673	
Radial Direction:		202.673	
Chord Direction:		96.634	
Radial Direction:		190.596	
Tangent Direction:		90.596	

15. Zewnętrzna krawędź chodnika str. Prawa

	STATION	NORTHING	EASTING
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Element: Linear

POCZĄTEK ()	0+000.00	6106413.839	3549521.186
()	0+005.00	6106416.359	3549525.503
Tangent Direction:		66.366	
Tangent Length:		5.00	

Element: Linear

()	0+005.00	6106416.359	3549525.503
()	0+009.95	6106418.827	3549529.799
Tangent Direction:		66.810	
Tangent Length:		4.95	

Element: Linear

()	0+009.95	6106418.827	3549529.799
()	0+013.11	6106420.382	3549532.547
Tangent Direction:		67.223	
Tangent Length:		3.16	

Element: Linear

()	0+013.11	6106420.382	3549532.547
()	0+014.90	6106421.255	3549534.106
Tangent Direction:		67.491	
Tangent Length:		1.79	

Element: Linear

()	0+014.90	6106421.255	3549534.106
()	0+019.84	6106423.644	3549538.435
Tangent Direction:		67.897	
Tangent Length:		4.94	

Element: Linear

()	0+019.84	6106423.644	3549538.435
()	0+024.78	6106425.986	3549542.783
Tangent Direction:		68.541	
Tangent Length:		4.94	

Element: Linear

()	0+024.78	6106425.986	3549542.783
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() 0+028.13 6106427.547 3549545.745
Tangent Direction: 69.128
Tangent Length: 3.35

Element: Linear

() 0+028.13 6106427.547 3549545.745
() 0+029.71 6106428.274 3549547.145
Tangent Direction: 69.505
Tangent Length: 1.58

Element: Linear

() 0+029.71 6106428.274 3549547.145
() 0+034.64 6106430.511 3549551.539
Tangent Direction: 70.024
Tangent Length: 4.93

Element: Linear

() 0+034.64 6106430.511 3549551.539
() 0+039.56 6106432.687 3549555.957
Tangent Direction: 70.866
Tangent Length: 4.92

Element: Linear

() 0+039.56 6106432.687 3549555.957
() 0+043.30 6106434.299 3549559.326
Tangent Direction: 71.590
Tangent Length: 3.74

Element: Linear

() 0+043.30 6106434.299 3549559.326
() 0+068.28 6106440.649 3549583.488
Tangent Direction: 83.639
Tangent Length: 24.98

Element: Linear

() 0+068.28 6106440.649 3549583.488
() 0+098.37 6106450.647 3549611.868
Tangent Direction: 78.437
Tangent Length: 30.09

Element: Linear

() 0+098.37 6106450.647 3549611.868
() 0+103.17 6106451.713 3549616.551
Tangent Direction: 85.748
Tangent Length: 4.80

Element: Linear

() 0+103.17 6106451.713 3549616.551
() 0+103.34 6106451.748 3549616.711
Tangent Direction: 86.241
Tangent Length: 0.16

Element: Linear

() 0+103.34 6106451.748 3549616.711
() 0+110.32 6106453.137 3549623.558
Tangent Direction: 87.261
Tangent Length: 6.99

Element: Linear

() 0+110.32 6106453.137 3549623.558
() 0+117.73 6106453.970 3549630.920
Tangent Direction: 92.824
Tangent Length: 7.41

Element: Linear

()	0+117.73	6106453.970	3549630.920
()	0+158.58	6106459.770	3549671.360
Tangent Direction:	90.931		
Tangent Length:	40.85		

Element: Linear

()	0+158.58	6106459.770	3549671.360
()	0+160.87	6106457.750	3549672.430
Tangent Direction:	168.990		
Tangent Length:	2.29		

Element: Linear

()	0+160.87	6106457.750	3549672.430
()	0+169.66	6106458.710	3549681.171
Tangent Direction:	93.033		
Tangent Length:	8.79		

Element: Linear

()	0+169.66	6106458.710	3549681.171
()	0+174.93	6106458.780	3549686.440
Tangent Direction:	99.159		
Tangent Length:	5.27		

Element: Linear

()	0+174.93	6106458.780	3549686.440
()	0+175.99	6106459.680	3549686.990
Tangent Direction:	34.922		
Tangent Length:	1.05		

Element: Linear

()	0+175.99	6106459.680	3549686.990
()	0+180.66	6106462.375	3549690.801
Tangent Direction:	60.821		
Tangent Length:	4.67		

Element: Linear

()	0+180.66	6106462.375	3549690.801
()	0+196.72	6106463.697	3549706.813
Tangent Direction:	94.753		
Tangent Length:	16.07		

Element: Linear

()	0+196.72	6106463.697	3549706.813
()	0+204.68	6106464.352	3549714.740
Tangent Direction:	94.757		
Tangent Length:	7.95		

Element: Linear

()	0+204.68	6106464.352	3549714.740
()	0+216.47	6106465.322	3549726.495
Tangent Direction:	94.756		
Tangent Length:	11.80		

Element: Linear

()	0+216.47	6106465.322	3549726.495
()	0+224.68	6106465.997	3549734.672
Tangent Direction:	94.756		
Tangent Length:	8.20		

Element: Linear

()	0+224.68	6106465.997	3549734.672
()	0+233.76	6106466.744	3549743.721
Tangent Direction:	94.757		

Tangent Length: 9.08

Element: Linear

() 0+233.76 6106466.744 3549743.721

() 0+244.68 6106467.643 3549754.604

Tangent Direction: 94.756

Tangent Length: 10.92

Element: Linear

() 0+244.68 6106467.643 3549754.604

() 0+252.74 6106468.306 3549762.636

Tangent Direction: 94.756

Tangent Length: 8.06

Element: Linear

() 0+252.74 6106468.306 3549762.636

() 0+264.68 6106469.288 3549774.536

Tangent Direction: 94.757

Tangent Length: 11.94

Element: Linear

() 0+264.68 6106469.288 3549774.536

() 0+273.89 6106470.047 3549783.724

Tangent Direction: 94.756

Tangent Length: 9.22

Element: Linear

() 0+273.89 6106470.047 3549783.724

() 0+284.68 6106470.933 3549794.468

Tangent Direction: 94.757

Tangent Length: 10.78

Element: Linear

() 0+284.68 6106470.933 3549794.468

() 0+295.53 6106471.827 3549805.288

Tangent Direction: 94.756

Tangent Length: 10.86

Element: Linear

() 0+295.53 6106471.827 3549805.288

() 0+354.68 6106476.692 3549864.231

Tangent Direction: 94.757

Tangent Length: 59.14

Element: Linear

() 0+354.68 6106476.692 3549864.231

() 0+374.68 6106478.338 3549884.163

Tangent Direction: 94.756

Tangent Length: 20.00

Element: Linear

() 0+374.68 6106478.338 3549884.163

() 0+424.68 6106482.451 3549933.994

Tangent Direction: 94.757

Tangent Length: 50.00

Element: Linear

() 0+424.68 6106482.451 3549933.994

() 0+434.68 6106483.274 3549943.960

Tangent Direction: 94.756

Tangent Length: 10.00

Element: Linear

() 0+434.68 6106483.274 3549943.960

() 0+454.68 6106484.920 3549963.892
Tangent Direction: 94.757
Tangent Length: 20.00

Element: Linear

() 0+454.68 6106484.920 3549963.892
() 0+464.68 6106485.742 3549973.859
Tangent Direction: 94.757
Tangent Length: 10.00

Element: Linear

() 0+464.68 6106485.742 3549973.859
() 0+477.43 6106486.792 3549986.573
Tangent Direction: 94.756
Tangent Length: 12.76

Element: Linear

() 0+477.43 6106486.792 3549986.573
() 0+484.61 6106486.490 3549993.747
Tangent Direction: 102.673
Tangent Length: 7.18

Element: Linear

() 0+484.61 6106486.490 3549993.747
() 0+486.28 6106485.924 3549995.309
Tangent Direction: 122.135
Tangent Length: 1.66

Element: Linear

() 0+486.28 6106485.924 3549995.309
() 0+498.22 6106485.423 3550007.243
Tangent Direction: 102.673
Tangent Length: 11.94

Element: Circular

() 0+498.22 6106485.423 3550007.243
() 6106475.432 3550006.824
() 0+499.98 6106485.196 3550008.983
Radius: 10.00
Delta: 11.183 Right
Length: 1.76
Tangent: 0.88
Chord: 1.75
Middle Ordinate: 0.04
External: 0.04
Tangent Direction: 102.673
Radial Direction: 202.673
Chord Direction: 108.265
Radial Direction: 213.856
Tangent Direction: 113.856

Elements Are Not Colinear

Element: Linear

() 0+499.98 6106485.196 3550008.983
() 0+501.65 6106486.859 3550008.801
Tangent Direction: 393.059
Tangent Length: 1.67

Element: Linear

() 0+501.65 6106486.859 3550008.801
() 0+503.57 6106486.778 3550010.719
Tangent Direction: 102.673
Tangent Length: 1.92

Element: Linear

()	0+503.57	6106486.778	3550010.719
()	0+523.85	6106488.447	3550030.928
Tangent Direction:	94.756		
Tangent Length:	20.28		

Element: Linear

()	0+523.85	6106488.447	3550030.928
()	0+534.15	6106491.761	3550040.688
Tangent Direction:	79.161		
Tangent Length:	10.31		

Element: Linear

()	0+534.15	6106491.761	3550040.688
()	0+547.13	6106492.828	3550053.616
Tangent Direction:	94.757		
Tangent Length:	12.97		

Element: Linear

()	0+547.13	6106492.828	3550053.616
()	0+548.97	6106492.476	3550055.430
Tangent Direction:	112.201		
Tangent Length:	1.85		

Element: Linear

()	0+548.97	6106492.476	3550055.430
()	0+574.77	6106494.599	3550081.143
Tangent Direction:	94.757		
Tangent Length:	25.80		

Element: Linear

()	0+574.77	6106494.599	3550081.143
()	0+580.59	6106495.077	3550086.941
Tangent Direction:	94.757		
Tangent Length:	5.82		

Element: Linear

()	0+580.59	6106495.077	3550086.941
()	0+585.60	6106495.190	3550091.948
Tangent Direction:	98.572		
Tangent Length:	5.01		

Elements Are Not Colinear

Element: Circular

()	0+585.60	6106495.190	3550091.948
()		6108992.980	3549885.587
()	0+612.09	6106497.510	3550118.334
Radius:	2506.30		
Delta:	0.673 Left		
Length:	26.49		
Tangent:	13.24		
Chord:	26.49		
Middle Ordinate:	0.03		
External:	0.03		
Tangent Direction:	94.752		
Radial Direction:	194.752		
Chord Direction:	94.416		
Radial Direction:	194.080		
Tangent Direction:	94.080		

Elements Are Not Colinear

Element: Circular

()	0+612.09	6106497.510	3550118.334
()		6109002.493	3550010.555
()	0+628.90	6106498.289	3550135.126
Radius:	2507.30		
Delta:	0.427 Left		
Length:	16.81		
Tangent:	8.40		
Chord:	16.81		
Middle Ordinate:	0.01		
External:	0.01		
Tangent Direction:	97.263		
Radial Direction:	197.263		
Chord Direction:	97.049		
Radial Direction:	196.836		
Tangent Direction:	96.836		

*Elements Are Not Colinear**Element: Linear*

()	0+628.90	6106498.289	3550135.126
()	0+665.42	6106502.429	3550171.411
Tangent Direction:	92.767		
Tangent Length:	36.52		

Element: Linear

()	0+665.42	6106502.429	3550171.411
()	0+674.83	6106504.401	3550180.617
Tangent Direction:	86.566		
Tangent Length:	9.41		

*Elements Are Not Colinear**Element: Circular*

()	0+674.83	6106504.401	3550180.617
()		6108992.986	3549885.694
()	0+700.09	6106507.500	3550205.681
Radius:	2506.00		
Delta:	0.642 Left		
Length:	25.26		
Tangent:	12.63		
Chord:	25.25		
Middle Ordinate:	0.03		
External:	0.03		
Tangent Direction:	92.490		
Radial Direction:	192.490		
Chord Direction:	92.170		
Radial Direction:	191.849		
Tangent Direction:	91.849		

Element: Circular

()	0+700.09	6106507.500	3550205.681
()		6108992.998	3549885.784
()	0+744.62	6106513.576	3550249.791
Radius:	2506.00		
Delta:	1.131 Left		
Length:	44.53		
Tangent:	22.26		
Chord:	44.53		
Middle Ordinate:	0.10		
External:	0.10		
Tangent Direction:	91.851		
Radial Direction:	191.851		
Chord Direction:	91.286		

Radial Direction: 190.720
Tangent Direction: 90.720

Elements Are Not Colinear

Element: Linear

() 0+744.62 6106513.576 3550249.791
KONIEC () 0+759.68 6106514.665 3550264.819
Tangent Direction: 95.392
Tangent Length: 15.07

16. Zewnętrzna krawędź chodnika str. Lewa

STATION NORTHING EASTING

Element: Linear

POCZĄTEK () 0+000.00 6106426.483 3549514.084
() 0+001.59 6106427.229 3549515.488
Tangent Direction: 68.913
Tangent Length: 1.59

Element: Linear

() 0+001.59 6106427.229 3549515.488
() 0+005.13 6106428.889 3549518.613
Tangent Direction: 68.913
Tangent Length: 3.54

Element: Linear

() 0+005.13 6106428.889 3549518.613
() 0+010.19 6106431.230 3549523.095
Tangent Direction: 69.356
Tangent Length: 5.06

Element: Linear

() 0+010.19 6106431.230 3549523.095
() 0+013.42 6106432.708 3549525.970
Tangent Direction: 69.768
Tangent Length: 3.23

Element: Linear

() 0+013.42 6106432.708 3549525.970
() 0+015.26 6106433.543 3549527.612
Tangent Direction: 70.041
Tangent Length: 1.84

Element: Linear

() 0+015.26 6106433.543 3549527.612
() 0+020.33 6106435.813 3549532.145
Tangent Direction: 70.443
Tangent Length: 5.07

Element: Linear

() 0+020.33 6106435.813 3549532.145
() 0+025.41 6106438.041 3549536.708
Tangent Direction: 71.086
Tangent Length: 5.08

Element: Linear

() 0+025.41 6106438.041 3549536.708
() 0+028.86 6106439.527 3549539.824
Tangent Direction: 71.676
Tangent Length: 3.45

Element: Linear

() 0+028.86 6106439.527 3549539.824
 () 0+035.19 6106442.183 3549545.570
 Tangent Direction: 72.435
 Tangent Length: 6.33

Element: Linear

() 0+035.19 6106442.183 3549545.570
 () 0+038.26 6106444.046 3549548.011
 Tangent Direction: 58.485
 Tangent Length: 3.07

Element: Linear

() 0+038.26 6106444.046 3549548.011
 () 0+044.81 6106446.156 3549554.214
 Tangent Direction: 79.130
 Tangent Length: 6.55

Element: Linear

() 0+044.81 6106446.156 3549554.214
 () 0+063.96 6106452.499 3549572.282
 Tangent Direction: 78.507
 Tangent Length: 19.15

Element: Circular

() 0+063.96 6106452.499 3549572.282
 () 6106424.192 3549582.219
 () 0+064.57 6106452.695 3549572.860
 Radius: 30.00
 Delta: 1.295 Right
 Length: 0.61
 Tangent: 0.31
 Chord: 0.61
 Middle Ordinate: 0.00
 External: 0.00
 Tangent Direction: 78.507
 Radial Direction: 178.507
 Chord Direction: 79.154
 Radial Direction: 179.802
 Tangent Direction: 79.802

Elements Are Not Colinear

Element: Linear

() 0+064.57 6106452.695 3549572.860
 () 0+072.40 6106455.134 3549580.300
 Tangent Direction: 79.833
 Tangent Length: 7.83

Element: Linear

() 0+072.40 6106455.134 3549580.300
 () 0+090.06 6106460.636 3549597.082
 Tangent Direction: 79.833
 Tangent Length: 17.66

Element: Linear

() 0+090.06 6106460.636 3549597.082
 () 0+093.41 6106461.415 3549600.336
 Tangent Direction: 85.040
 Tangent Length: 3.35

Element: Linear

() 0+093.41 6106461.415 3549600.336
 () 0+101.23 6106463.259 3549607.941
 Tangent Direction: 84.859

Tangent Length: 7.83

Element: Linear

() 0+101.23 6106463.259 3549607.941

() 0+107.28 6106464.660 3549613.819

Tangent Direction: 85.105

Tangent Length: 6.04

Element: Linear

() 0+107.28 6106464.660 3549613.819

() 0+120.79 6106467.839 3549626.957

Tangent Direction: 84.885

Tangent Length: 13.52

Element: Linear

() 0+120.79 6106467.839 3549626.957

() 0+127.11 6106469.251 3549633.114

Tangent Direction: 85.642

Tangent Length: 6.32

Element: Linear

() 0+127.11 6106469.251 3549633.114

() 0+164.62 6106475.933 3549670.019

Tangent Direction: 88.597

Tangent Length: 37.51

Element: Linear

() 0+164.62 6106475.933 3549670.019

() 0+172.62 6106476.475 3549678.002

Tangent Direction: 95.685

Tangent Length: 8.00

Element: Linear

() 0+172.62 6106476.475 3549678.002

() 0+178.58 6106475.144 3549683.819

Tangent Direction: 114.319

Tangent Length: 5.97

Element: Linear

() 0+178.58 6106475.144 3549683.819

() 0+198.21 6106476.759 3549703.374

Tangent Direction: 94.757

Tangent Length: 19.62

Element: Linear

() 0+198.21 6106476.759 3549703.374

() 0+204.18 6106477.250 3549709.331

Tangent Direction: 94.757

Tangent Length: 5.98

Element: Linear

() 0+204.18 6106477.250 3549709.331

() 0+220.96 6106479.823 3549725.911

Tangent Direction: 90.199

Tangent Length: 16.78

Element: Linear

() 0+220.96 6106479.823 3549725.911

() 0+233.14 6106480.825 3549738.051

Tangent Direction: 94.757

Tangent Length: 12.18

Element: Linear

() 0+233.14 6106480.825 3549738.051

() 0+256.20 6106482.722 3549761.030
Tangent Direction: 94.757
Tangent Length: 23.06

Element: Linear

() 0+256.20 6106482.722 3549761.030
() 0+269.27 6106483.797 3549774.054
Tangent Direction: 94.756
Tangent Length: 13.07

Element: Linear

() 0+269.27 6106483.797 3549774.054
() 0+287.08 6106485.263 3549791.803
Tangent Direction: 94.756
Tangent Length: 17.81

Element: Linear

() 0+287.08 6106485.263 3549791.803
() 0+314.88 6106487.550 3549819.512
Tangent Direction: 94.756
Tangent Length: 27.80

Element: Linear

() 0+314.88 6106487.550 3549819.512
() 0+323.60 6106488.268 3549828.203
Tangent Direction: 94.756
Tangent Length: 8.72

Element: Linear

() 0+323.60 6106488.268 3549828.203
() 0+329.77 6106487.772 3549834.353
Tangent Direction: 105.121
Tangent Length: 6.17

Element: Linear

() 0+329.77 6106487.772 3549834.353
() 0+506.41 6106502.304 3550010.396
Tangent Direction: 94.757
Tangent Length: 176.64

Element: Linear

() 0+506.41 6106502.304 3550010.396
() 0+544.86 6106505.467 3550048.709
Tangent Direction: 94.757
Tangent Length: 38.44

Element: Linear

() 0+544.86 6106505.467 3550048.709
() 0+574.96 6106507.944 3550078.715
Tangent Direction: 94.757
Tangent Length: 30.11

Element: Linear

() 0+574.96 6106507.944 3550078.715
() 0+583.89 6106509.670 3550087.470
Tangent Direction: 87.608
Tangent Length: 8.92

Element: Linear

() 0+583.89 6106509.670 3550087.470
() 0+611.93 6106511.978 3550115.421
Tangent Direction: 94.757
Tangent Length: 28.05

Element: Linear

()	0+611.93	6106511.978	3550115.421
()	0+638.35	6106514.151	3550141.747
Tangent Direction:	94.757		
Tangent Length:	26.42		

Element: Linear

()	0+638.35	6106514.151	3550141.747
()	0+647.36	6106518.013	3550149.889
Tangent Direction:	71.801		
Tangent Length:	9.01		

Element: Linear

()	0+647.36	6106518.013	3550149.889
()	0+653.13	6106518.494	3550155.638
Tangent Direction:	94.690		
Tangent Length:	5.77		

Element: Linear

()	0+653.13	6106518.494	3550155.638
()	0+658.37	6106518.931	3550160.864
Tangent Direction:	94.690		
Tangent Length:	5.24		

Element: Linear

()	0+658.37	6106518.931	3550160.864
()	0+663.64	6106517.343	3550165.880
Tangent Direction:	119.515		
Tangent Length:	5.26		

Element: Linear

()	0+663.64	6106517.343	3550165.880
()	0+689.23	6106519.475	3550191.387
Tangent Direction:	94.690		
Tangent Length:	25.60		

Element: Linear

()	0+689.23	6106519.475	3550191.387
()	0+695.74	6106520.017	3550197.868
Tangent Direction:	94.690		
Tangent Length:	6.50		

Element: Circular

()	0+695.74	6106520.017	3550197.868
()		6106525.000	3550197.451
()	0+699.34	6106521.534	3550201.055
Radius:	5.00		
Delta:	45.930	Left	
Length:	3.61		
Tangent:	1.89		
Chord:	3.53		
Middle Ordinate:	0.32		
External:	0.34		
Tangent Direction:	94.690		
Radial Direction:	194.690		
Chord Direction:	71.726		
Radial Direction:	148.761		
Tangent Direction:	48.761		

Element: Linear

()	0+699.34	6106521.534	3550201.055
KONIEC ()	0+701.35	6106522.983	3550202.449
Tangent Direction:	48.761		
Tangent Length:	2.01		