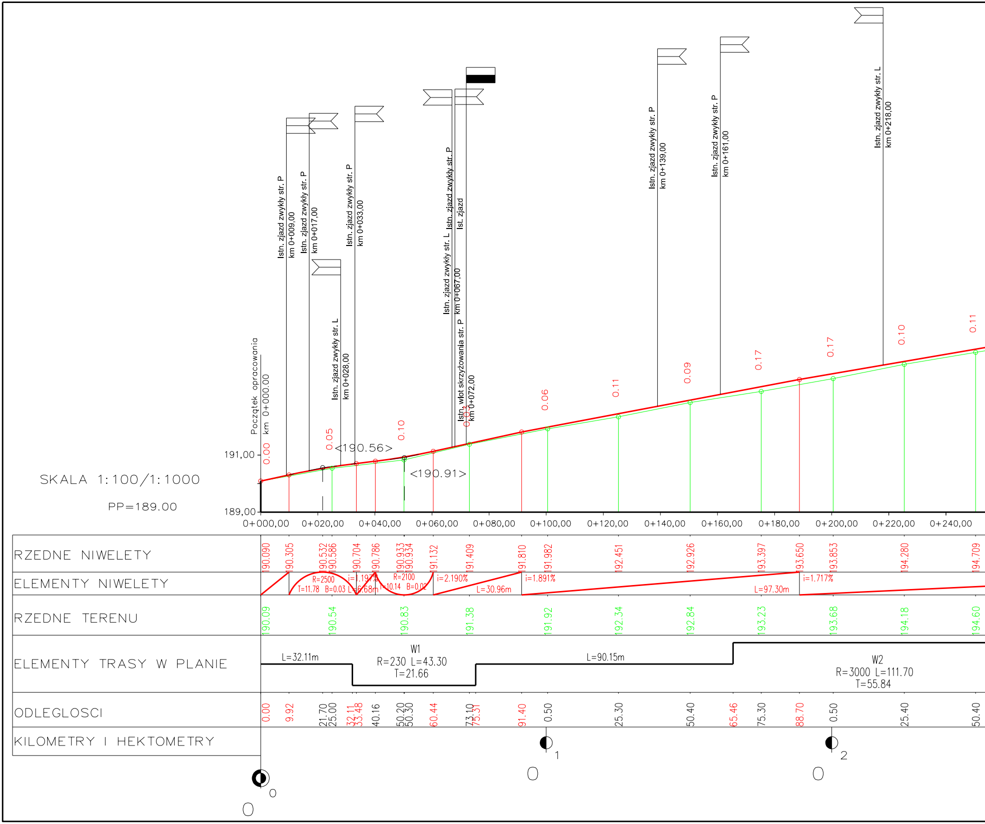
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189,00
Początek opracowania km 0+000.00
Istn. zjazd zwykły str. P km 0+009,00
Istn. zjazd zwykły str. P km 0+017,00
Istn. zjazd zwykły str. L km 0+028,00
Istn. zjazd zwykły str. P km 0+033,00
Istn. zjazd zwykły str. L
Istn. zjazd zwykły str. P km 0+067,00
Ist. zjazd
Istn. wlot skrzyżowania str. P km 0+072,00
Istn. zjazd zwykły str. P km 0+139,00
Istn. zjazd zwykły str. P km 0+161,00
Istn. zjazd zwykły str. L km 0+218,00
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0.05
0.10
0.06
0.11
0.09
0.17
0.17
0.10
0.11
0+000,00
0+020,00
0+040,00
0+060,00
0+080,00
0+100,00
0+120,00
0+140,00
0+160,00
0+180,00
0+200,00
0+220,00
0+240,00
RZEDNE NIWELETY
190.090 190.305 190.532 190.586 190.704 190.786 190.933 190.934 191.132 191.409 191.810 191.982 192.451 192.926 193.397 193.650 193.853 194.280 194.709
ELEMENTY NIWELETY
R=2500 T=11.78 B=0.03
i=1.197% L=6.68m
R=2100 T=10.14 B=0.02
i=2.190% L=30.96m
i=1.891% L=97.30m
i=1.717%
RZEDNE TERENU
190.09 190.54 190.83 191.38 191.92 192.34 192.84 193.23 193.68 194.18 194.60
ELEMENTY TRASY W PLANIE
L=32.11m
W1 R=230 L=43.30 T=21.66
L=90.15m
W2 R=3000 L=111.70 T=55.84
ODLEGLOSCI
0.00 9.92 21.70 25.00 32.11 33.48 40.16 50.20 50.30 60.44 73.10 75.31 91.40 0.50 25.30 50.40 65.46 75.30 88.70 0.50 25.40 50.40
KILOMETRY I HEKTOMETRY
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2
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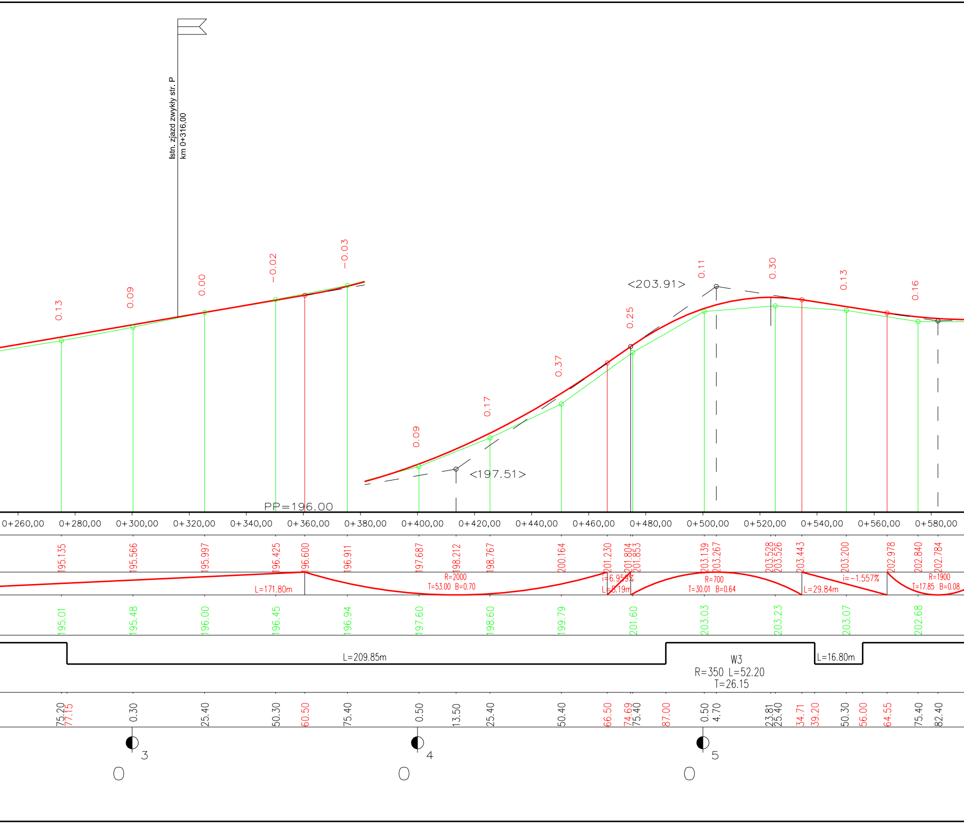

Istn. zjazd zwykły str. P
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0.00
−0.02
−0.03
0.09
0.17
0.37
0.25
0.11
0.30
0.13
0.16
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0+280,00
0+300,00
0+320,00
0+340,00
0+360,00
0+380,00
0+400,00
0+420,00
0+440,00
0+460,00
0+480,00
0+500,00
0+520,00
0+540,00
0+560,00
0+580,00
195.135
195.566
195.997
196.425
196.600
196.911
197.687
198.212
198.767
200.164
201.230
201.804
201.853
203.139
203.267
203.528
203.526
203.443
203.200
202.978
202.840
202.784
L=171.80m
R=2000
T=53.00 B=0.70
i=6.959%
L=8.19m
R=700
T=30.01 B=0.64
L=29.84m
i=−1.557%
R=1900
T=17.85 B=0.08
195.01
195.48
196.00
196.45
196.94
197.60
198.60
199.79
201.60
203.03
203.23
203.07
202.68
L=209.85m
W3
R=350 L=52.20
T=26.15
L=16.80m
75.20
77.15
0.30
25.40
50.30
60.50
75.40
0.50
13.50
25.40
50.40
66.50
74.69
75.40
87.00
0.50
4.70
23.81
25.40
34.71
39.20
50.30
56.00
64.55
75.40
82.40
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4
5
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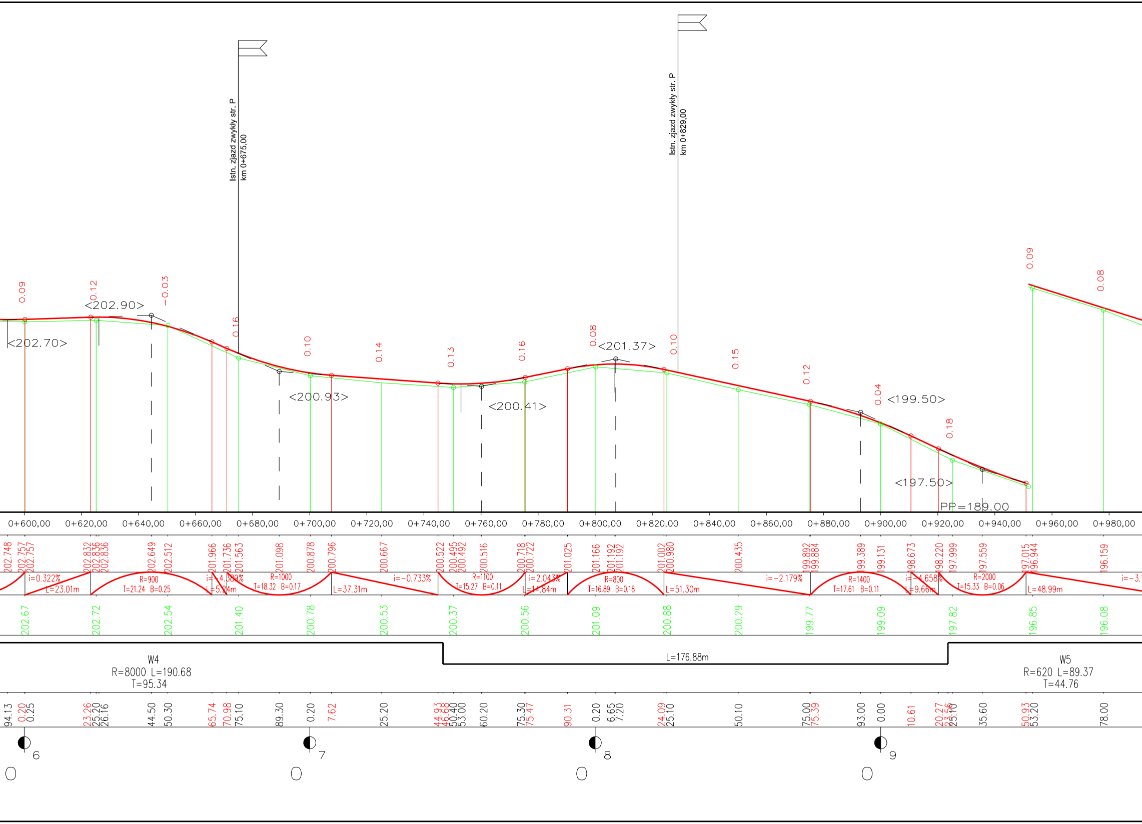
O
O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Istn. zjazd zwykły str. P
km 0+829,00
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0.16
0.10
0.14
0.13
0.16
0.08
0.10
0.15
0.12
0.04
0.18
0.09
0.08
0+600,00
0+620,00
0+640,00
0+660,00
0+680,00
0+700,00
0+720,00
0+740,00
0+760,00
0+780,00
0+800,00
0+820,00
0+840,00
0+860,00
0+880,00
0+900,00
0+920,00
0+940,00
0+960,00
0+980,00
202.748
202.757
202.757
202.832
202.836
202.836
202.649
202.512
201.966
201.736
201.563
201.098
200.878
200.796
200.667
200.522
200.495
200.492
200.516
200.718
200.722
201.025
201.166
201.192
201.192
201.002
200.980
200.435
199.892
199.884
199.389
199.131
198.673
198.220
197.999
197.559
197.015
196.944
196.159
i=0.322%
L=23.01m
R=900
T=21.24 B=0.25
i=-4.388%
L=5.24m
R=1000
T=18.32 B=0.17
i=-0.733%
L=37.31m
R=1100
T=15.27 B=0.11
i=2.043%
L=14.84m
R=800
T=16.89 B=0.18
i=-2.179%
L=51.30m
R=1400
T=17.61 B=0.11
i=-4.658%
L=9.66m
R=2000
T=15.33 B=0.06
L=48.99m
i=-3.
202.67
202.72
202.54
201.40
200.78
200.53
200.37
200.56
201.09
200.88
200.29
199.77
199.09
197.82
196.85
196.08
W4
R=8000 L=190.68
T=95.34
L=176.88m
W5
R=620 L=89.37
T=44.76
94.13
0.20
0.25
23.26
25.20
26.16
44.50
50.30
65.74
70.98
75.10
89.30
0.20
7.62
25.20
44.93
46.28
50.40
53.00
60.20
75.30
75.47
90.31
0.20
6.65
7.20
24.09
25.10
50.10
75.00
75.39
93.00
0.00
10.61
20.27
23.56
25.10
35.60
50.93
53.20
78.00
6
7
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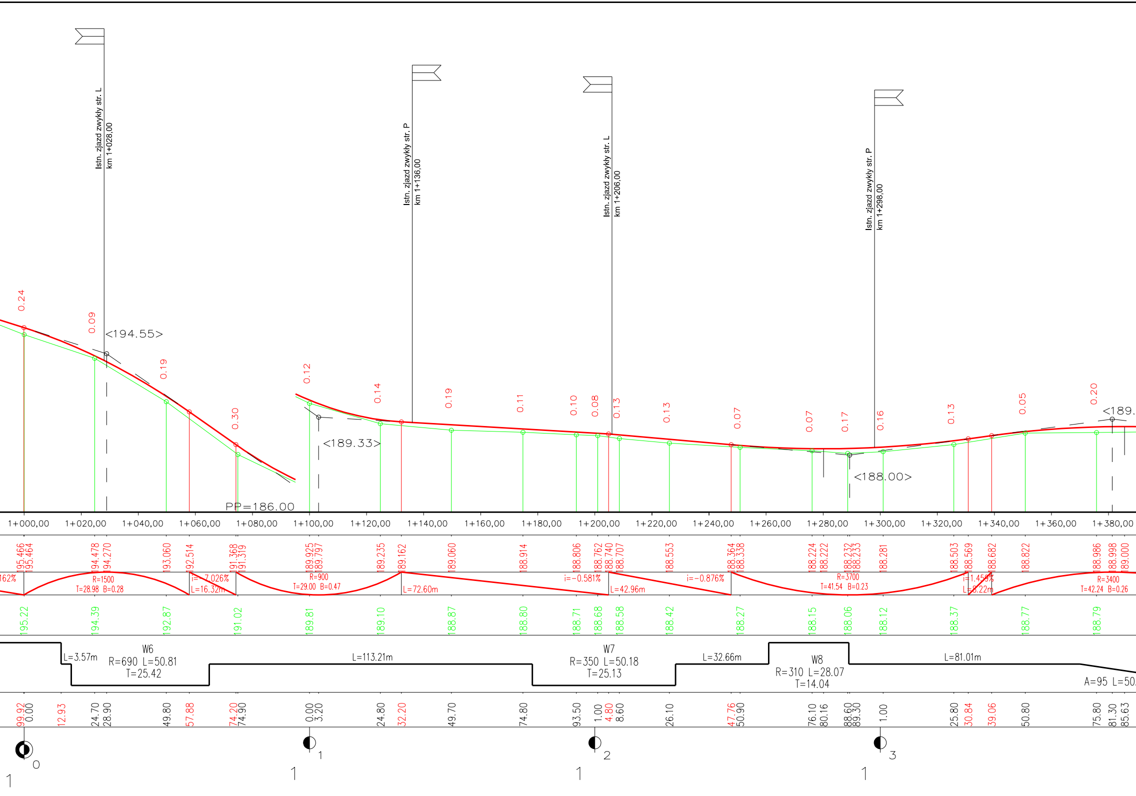
O
O
O



Istn. zjazd zwykły str. L
km 1+028,00
Istn. zjazd zwykły str. P
km 1+136,00
Istn. zjazd zwykły str. L
km 1+206,00
Istn. zjazd zwykły str. P
km 1+298,00
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<189.
PP=186.00
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0.09
0.19
0.30
0.12
0.14
0.19
0.11
0.10
0.08
0.13
0.13
0.07
0.07
0.17
0.16
0.13
0.05
0.20
1+000,00
1+020,00
1+040,00
1+060,00
1+080,00
1+100,00
1+120,00
1+140,00
1+160,00
1+180,00
1+200,00
1+220,00
1+240,00
1+260,00
1+280,00
1+300,00
1+320,00
1+340,00
1+360,00
1+380,00
195.466
195.464
194.478
194.270
193.060
192.514
191.368
191.319
189.925
189.797
189.235
189.162
189.060
188.914
188.806
188.762
188.740
188.707
188.553
188.364
188.338
188.224
188.222
188.232
188.233
188.281
188.503
188.569
188.682
188.822
188.986
188.998
189.000
162%
R=1500
T=28.98 B=0.28
i=-7.026%
L=16.32m
R=900
T=29.00 B=0.47
L=72.60m
i=-0.581%
L=42.96m
i=-0.876%
R=3700
T=41.54 B=0.23
i=1.459%
L=8.22m
R=3400
T=42.24 B=0.26
195.22
194.39
192.87
191.02
189.81
189.10
188.87
188.80
188.71
188.68
188.58
188.42
188.27
188.15
188.06
188.12
188.37
188.77
188.79
L=3.57m
W6
R=690 L=50.81
T=25.42
L=113.21m
W7
R=350 L=50.18
T=25.13
L=32.66m
W8
R=310 L=28.07
T=14.04
L=81.01m
A=95 L=50.
99.92
0.00
12.93
24.70
28.90
49.80
57.88
74.20
74.90
0.00
3.20
24.80
32.20
49.70
74.80
93.50
1.00
4.80
8.60
26.10
47.76
50.90
76.10
80.16
88.60
89.30
1.00
25.80
30.84
39.06
50.80
75.80
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85.63
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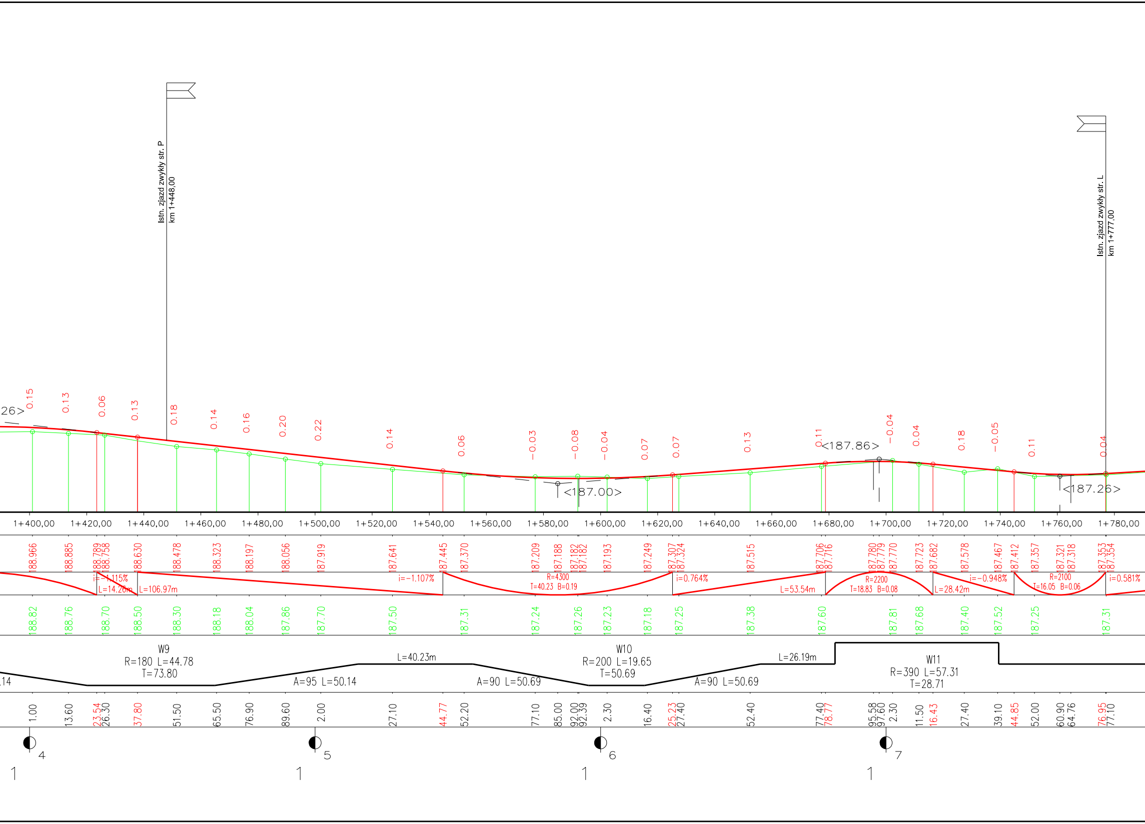
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km 1+448,00
Istn. zjazd zwykły str. L
km 1+777,00
26>
<187.00>
<187.86>
<187.26>
0.15
0.13
0.06
0.13
0.18
0.14
0.16
0.20
0.22
0.14
0.06
−0.03
−0.08
−0.04
0.07
0.07
0.13
0.11
−0.04
0.04
0.18
−0.05
0.11
0.04
1+400,00
1+420,00
1+440,00
1+460,00
1+480,00
1+500,00
1+520,00
1+540,00
1+560,00
1+580,00
1+600,00
1+620,00
1+640,00
1+660,00
1+680,00
1+700,00
1+720,00
1+740,00
1+760,00
1+780,00
188.966
188.885
188.789
188.758
188.630
188.478
188.323
188.197
188.056
187.919
187.641
187.445
187.370
187.209
187.188
187.182
187.182
187.193
187.249
187.307
187.324
187.515
187.706
187.716
187.780
187.779
187.770
187.723
187.682
187.578
187.467
187.412
187.357
187.321
187.318
187.353
187.354
i=−1.115%
L=14.26m
L=106.97m
i=−1.107%
R=4300
T=40.23 B=0.19
i=0.764%
L=53.54m
R=2200
T=18.83 B=0.08
L=28.42m
i=−0.948%
R=2100
T=16.05 B=0.06
i=0.581%
188.82
188.76
188.70
188.50
188.30
188.18
188.04
187.86
187.70
187.50
187.31
187.24
187.26
187.23
187.18
187.25
187.38
187.60
187.81
187.68
187.40
187.52
187.25
187.31
.14
W9
R=180 L=44.78
T=73.80
A=95 L=50.14
L=40.23m
A=90 L=50.69
W10
R=200 L=19.65
T=50.69
A=90 L=50.69
L=26.19m
W11
R=390 L=57.31
T=28.71
1.00
13.60
23.54
26.30
37.80
51.50
65.50
76.90
89.60
2.00
27.10
44.77
52.20
77.10
85.00
92.00
92.39
2.30
16.40
25.23
27.40
52.40
77.40
78.77
95.58
97.60
2.30
11.50
16.43
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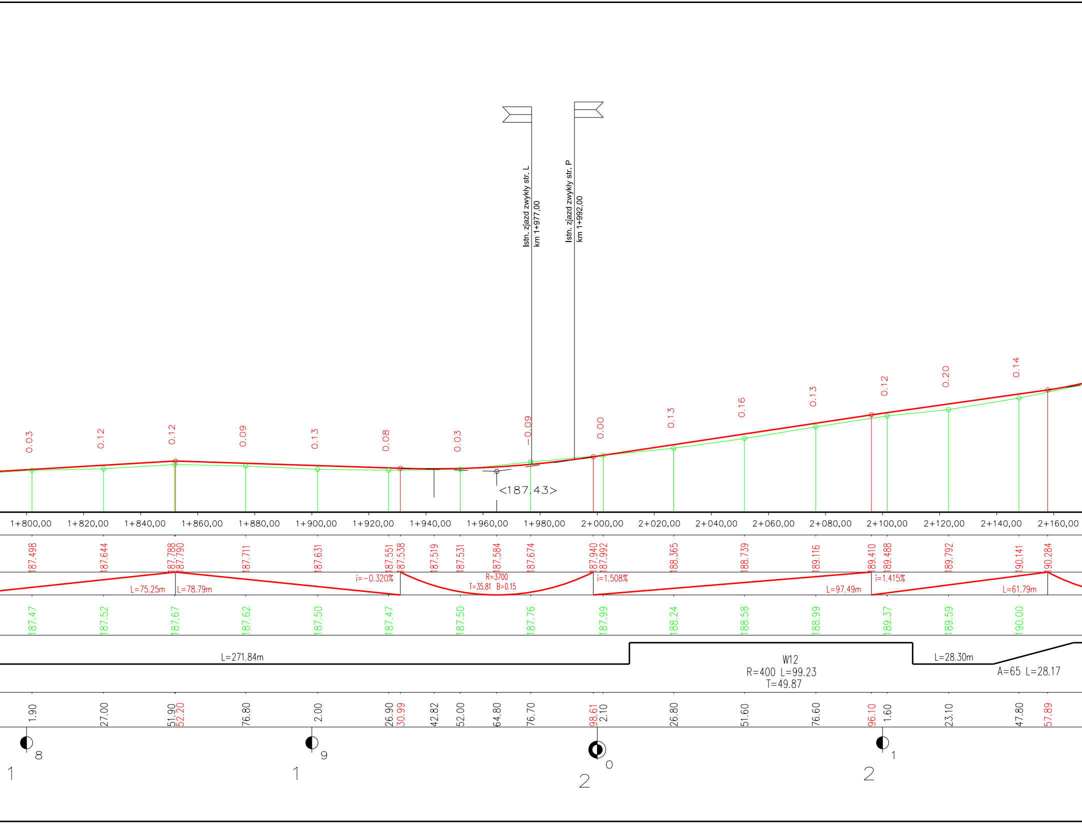

Istn. zjazd zwykły str. L
km 1+977,00
Istn. zjazd zwykły str. P
km 1+992,00
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0.09
0.13
0.08
0.03
−0.09
0.00
0.13
0.16
0.13
0.12
0.20
0.14
1+800,00
1+820,00
1+840,00
1+860,00
1+880,00
1+900,00
1+920,00
1+940,00
1+960,00
1+980,00
2+000,00
2+020,00
2+040,00
2+060,00
2+080,00
2+100,00
2+120,00
2+140,00
2+160,00
187.498
187.644
187.788
187.790
187.711
187.631
187.551
187.538
187.519
187.531
187.584
187.674
187.940
187.992
188.365
188.739
189.116
189.410
189.488
189.792
190.141
190.284
L=75.25m
L=78.79m
i=−0.320%
R=3700
T=35.81 B=0.15
i=1.508%
L=97.49m
i=1.415%
L=61.79m
187.47
187.52
187.67
187.62
187.50
187.47
187.50
187.76
187.99
188.24
188.58
188.99
189.37
189.59
190.00
L=271.84m
W12
R=400 L=99.23
T=49.87
L=28.30m
A=65 L=28.17
1.90
27.00
51.90
52.20
76.80
2.00
26.90
30.99
42.82
52.00
64.80
76.70
98.61
2.10
26.80
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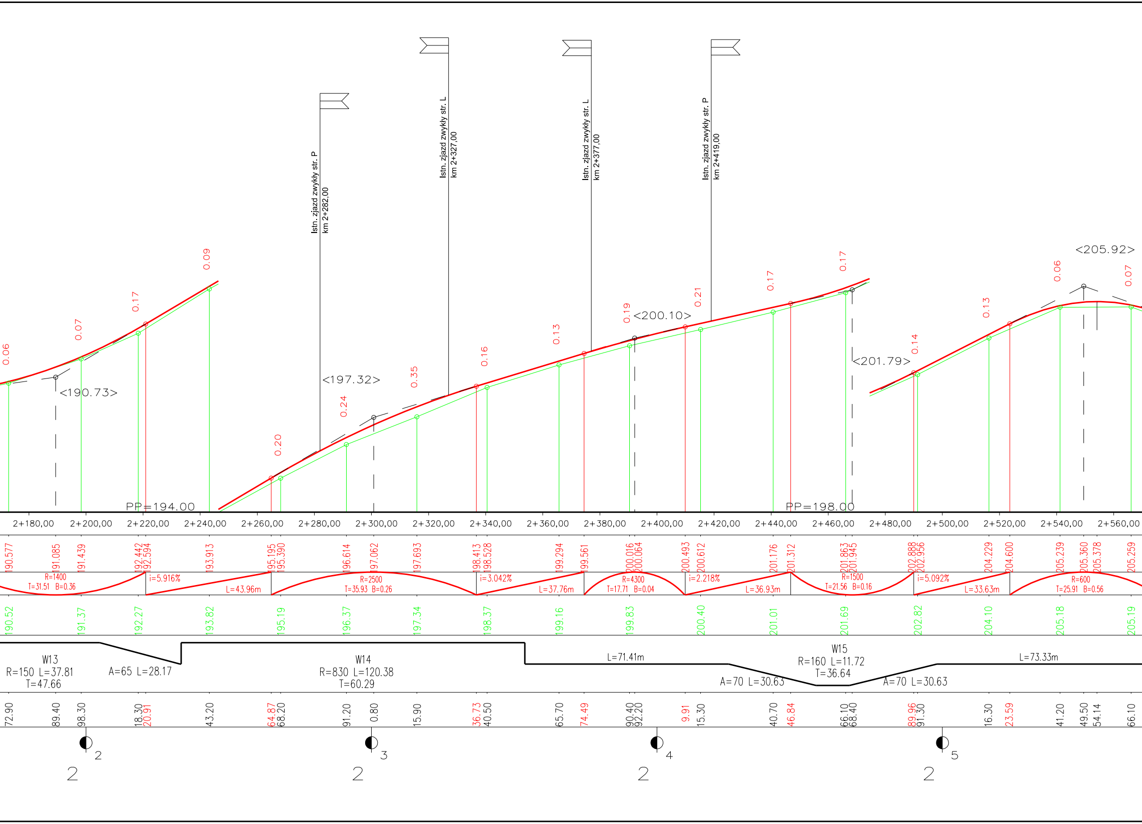

Istn. zjazd zwykły str. P
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Istn. zjazd zwykły str. L
km 2+327,00
Istn. zjazd zwykły str. L
km 2+377,00
Istn. zjazd zwykły str. P
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0.09
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0.24
0.35
0.16
0.13
0.19
0.21
0.17
0.17
0.14
0.13
0.06
0.07
PP=194.00
PP=198.00
2+180,00
2+200,00
2+220,00
2+240,00
2+260,00
2+280,00
2+300,00
2+320,00
2+340,00
2+360,00
2+380,00
2+400,00
2+420,00
2+440,00
2+460,00
2+480,00
2+500,00
2+520,00
2+540,00
2+560,00
190.577
191.085
191.439
192.442
192.594
193.913
195.195
195.390
196.614
197.062
197.693
198.413
198.528
199.294
199.561
200.016
200.064
200.493
200.612
201.176
201.312
201.863
201.945
202.888
202.956
204.229
204.600
205.239
205.360
205.378
205.259
R=1400
T=31.51 B=0.36
i=5.916%
L=43.96m
R=2500
T=35.93 B=0.26
i=3.042%
L=37.76m
R=4300
T=17.71 B=0.04
i=2.218%
L=36.93m
R=1500
T=21.56 B=0.16
i=5.092%
L=33.63m
R=600
T=25.91 B=0.56
190.52
191.37
192.27
193.82
195.19
196.37
197.34
198.37
199.16
199.83
200.40
201.01
201.69
202.82
204.10
205.18
205.19
W13
R=150 L=37.81
T=47.66
A=65 L=28.17
W14
R=830 L=120.38
T=60.29
L=71.41m
W15
R=160 L=11.72
T=36.64
A=70 L=30.63
A=70 L=30.63
L=73.33m
72.90
89.40
98.30
18.30
20.91
43.20
64.87
68.20
91.20
0.80
15.90
36.73
40.50
65.70
74.49
90.40
92.20
9.91
15.30
40.70
46.84
66.10
68.40
89.96
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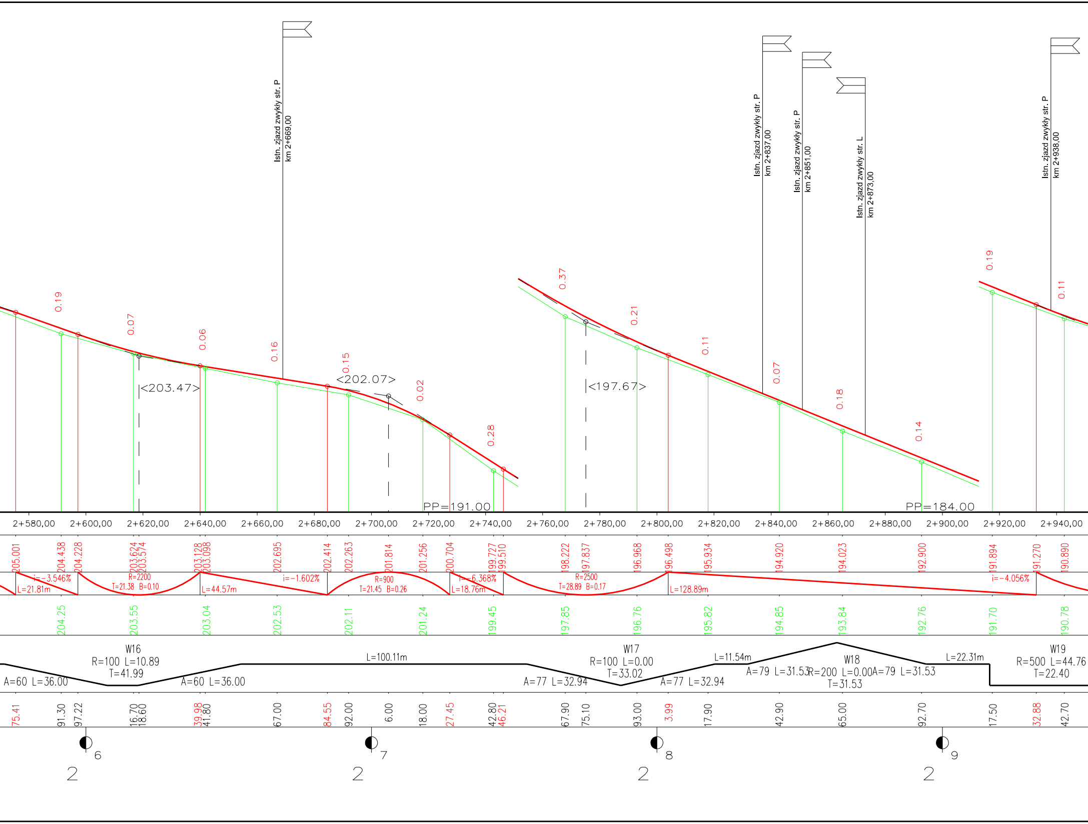
Istn. zjazd zwykły str. P
km 2+669,00
Istn. zjazd zwykły str. P
km 2+837,00
Istn. zjazd zwykły str. P
km 2+851,00
Istn. zjazd zwykły str. L
km 2+873,00
Istn. zjazd zwykły str. P
km 2+938,00
0.19
0.07
0.06
0.16
0.15
0.02
0.28
0.37
0.21
0.11
0.07
0.18
0.14
0.19
0.11
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PP=191.00
PP=184.00
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2+640,00
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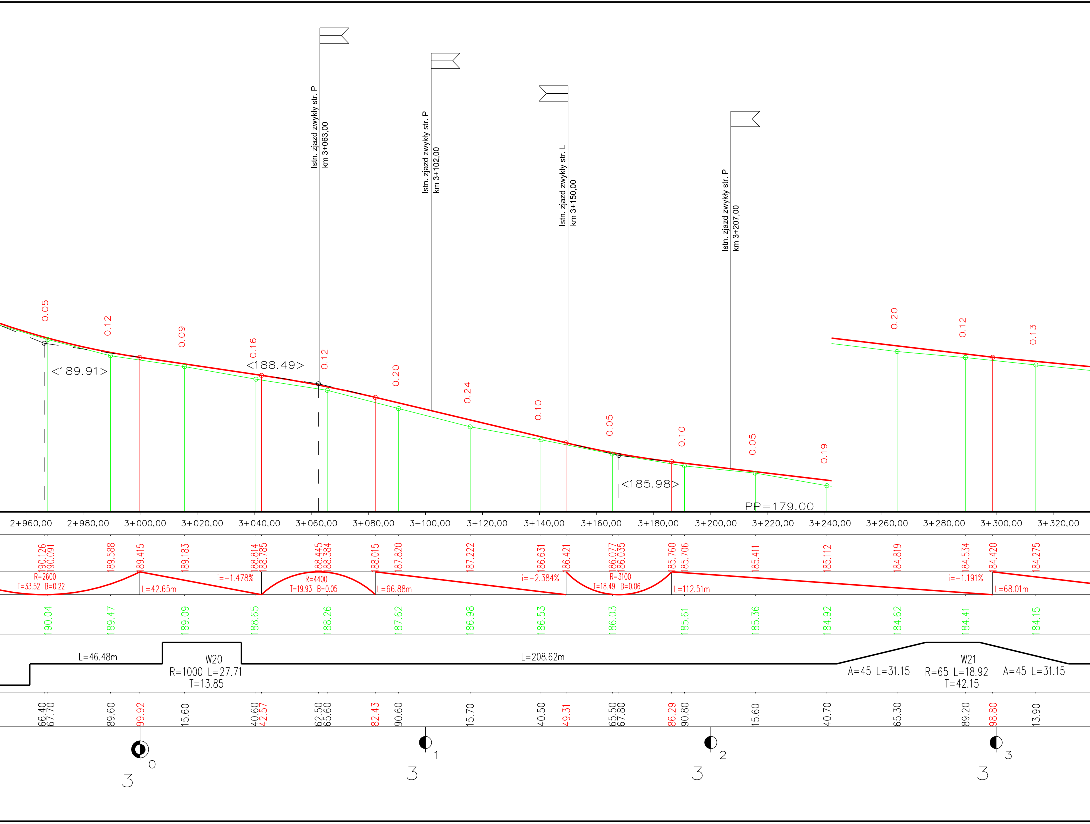
2+740,00
2+760,00
2+780,00
2+800,00
2+820,00
2+840,00
2+860,00
2+880,00
2+900,00
2+920,00
2+940,00
205.001
204.438
204.228
203.624
203.574
203.128
203.098
202.695
202.414
202.263
201.814
201.256
200.704
199.727
199.510
198.222
197.837
196.968
196.498
195.934
194.920
194.023
192.900
191.894
191.270
190.890
i=-3.546%
L=21.81m
R=2200
T=21.38 B=0.10
L=44.57m
i=-1.602%
R=900
T=21.45 B=0.26
i=-6.368%
L=18.76m
R=2500
T=28.89 B=0.17
L=128.89m
i=-4.056%
204.25
203.55
203.04
202.53
202.11
201.24
199.45
197.85
196.76
195.82
194.85
193.84
192.76
191.70
190.78
W16
R=100 L=10.89
T=41.99
A=60 L=36.00
A=60 L=36.00
L=100.11m
W17
R=100 L=0.00
T=33.02
A=77 L=32.94
A=77 L=32.94
L=11.54m
A=79 L=31.53
W18
R=200 L=0.00
T=31.53
A=79 L=31.53
L=22.31m
W19
R=500 L=44.76
T=22.40
75.41
91.30
97.22
16.70
18.60
39.98
41.80
67.00
84.55
92.00
6.00
18.00
27.45
42.80
46.21
67.90
75.10
93.00
3.99
17.90
42.90
65.00
92.70
17.50
32.88
42.70
6
7
8
9
2
2
2
2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km 3+063,00
Istn. zjazd zwykły str. P
km 3+102,00
Istn. zjazd zwykły str. L
km 3+150,00
Istn. zjazd zwykły str. P
km 3+207,00
0.05
0.12
0.09
0.16
0.12
0.20
0.24
0.10
0.05
0.10
0.05
0.19
0.20
0.12
0.13
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PP=179.00
2+960,00
2+980,00
3+000,00
3+020,00
3+040,00
3+060,00
3+080,00
3+100,00
3+120,00
3+140,00
3+160,00
3+180,00
3+200,00
3+220,00
3+240,00
3+260,00
3+280,00
3+300,00
3+320,00
190.126
190.091
189.588
189.415
189.183
188.814
188.785
188.445
188.384
188.015
187.820
187.222
186.631
186.421
186.077
186.035
185.760
185.706
185.411
185.112
184.819
184.534
184.420
184.275
R=2600
T=33.52 B=0.22
L=42.65m
i=-1.478%
R=4400
T=19.93 B=0.05
L=66.88m
i=-2.384%
R=3100
T=18.49 B=0.06
L=112.51m
i=-1.191%
L=68.01m
190.04
189.47
189.09
188.65
188.26
187.62
186.98
186.53
186.03
185.61
185.36
184.92
184.62
184.41
184.15
L=46.48m
W20
R=1000 L=27.71
T=13.85
L=208.62m
A=45 L=31.15
W21
R=65 L=18.92
T=42.15
A=45 L=31.15
66.40
67.70
89.60
99.92
15.60
40.60
42.57
62.50
65.60
82.43
90.60
15.70
40.50
49.31
65.50
67.80
86.29
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13.90
0
3
1
3
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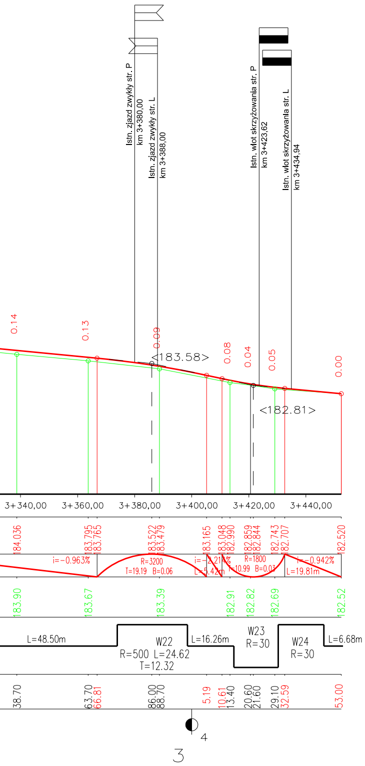
3
3


Istn. zjazd zwykły str. P
km 3+380,00
Istn. zjazd zwykły str. L
km 3+388,00
Istn. wlot skrzyżowania str. P
km 3+423,62
Istn. wlot skrzyżowania str. L
km 3+434,94
0.14
0.13
0.09
0.08
0.04
0.05
0.00
<183.58>
<182.81>
3+340,00
3+360,00
3+380,00
3+400,00
3+420,00
3+440,00
184.036
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183.522
183.479
183.165
183.048
182.990
182.859
182.844
182.743
182.707
182.520
i=-0.963%
R=3200
T=19.19 B=0.06
i=-2.214%
L=5.42m
R=1800
T=10.99 B=0.03
i=-0.942%
L=19.81m
183.90
183.67
183.39
182.91
182.82
182.69
182.52
L=48.50m
W22
R=500 L=24.62
T=12.32
L=16.26m
W23
R=30
W24
R=30
L=6.68m
38.70
63.70
66.81
86.00
88.70
5.19
10.61
13.40
20.60
21.60
29.10
32.59
53.00
4
3

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Nazwa obiektu : Droga powiatowa 1216N Złotowo-Pietrzwałd-Ryn

Branża : DROGOWA

Temat opracowania : Przebudowa drogi powiatowej nr 1216N
Złotowo-Pietrzwałd-Ryn na odc. Złotowo-Wałdyki

Stadium : P.A-B.

Nazwa rysunku :

PLAN PODŁUŻNY

Skala : 1:100/1000

ZESPÓŁ PROJEKTOWY

Data : PAŹDZIERNIK 2023

Imię i nazwisko :	Podpis : Nr uprawnień :
Projektował: mgr inż. Arkadiusz Falba	WAM/0174/PBD/22
Opracował: inż. Tomasz Rykowski	WAM/0219/PWOD/21

Rys. nr : **2.0**