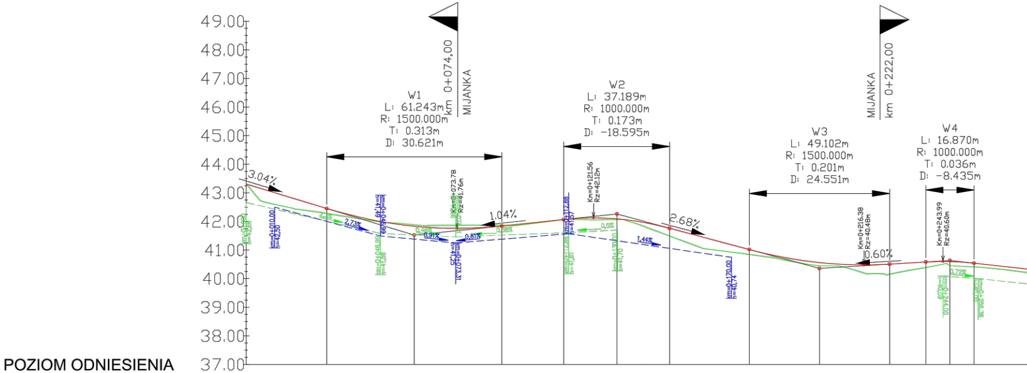

49.00
48.00
47.00
46.00
45.00
44.00
43.00
42.00
41.00
40.00
39.00
38.00
37.00
POZIOM ODNIESIENIA
km 0+074,00
MIJANKA
km 0+222,00
MIJANKA
W1
L: 61.243m
R: 1500.000m
T: 0.313m
D: 30.621m
W2
L: 37.189m
R: 1000.000m
T: 0.173m
D: -18.595m
W3
L: 49.102m
R: 1500.000m
T: 0.201m
D: 24.551m
W4
L: 16.870m
R: 1000.000m
T: 0.036m
D: -8.435m
3.04%
1.04%
2.68%
0.60%
Km=0+073.78
Rz=41.76m
Km=0+121.56
Rz=42.12m
Km=0+216.38
Rz=40.48m
Km=0+243.99
Rz=40.60m
km=0+010,00
h=42,50
km=0+046,99
h=41,49
km=0+073,31
h=41,25
km=0+112,88
h=41,57
km=0+170,00
h=40,74
km=0+046,99
h=41,58
km=0+112,88
h=41,51
km=0+130,00
h=41,70
km=0+244,00
h=40,09
km=0+256,36
2,73%
0,91%
0,81%
1,44%
0,46%
0,38%
0,5%
0,72%

Odległości	Rzędne niwelety	Rzędne istniejące	Różnice rzędnych
00.00	43.31	43.31	0.00
10.00	43.01	42.59	0.41
20.00	42.70	42.40	0.30
28.18	42.45	42.28	0.17
30.00	42.40	42.25	0.15
40.00	42.14	42.09	0.05
50.00	41.95	41.96	-0.01
58.80	41.83	41.88	-0.05
60.00	41.82	41.87	-0.05
70.00	41.76	41.87	-0.10
80.00	41.77	41.87	-0.10
89.42	41.84	41.86	-0.02
90.00	41.85	41.86	-0.02
00.00	41.95	41.93	0.02
10.00	42.06	42.05	0.01
11.13	42.07	42.06	0.01
20.00	42.12	42.05	0.07
29.72	42.09	42.07	0.02
30.00	42.09	42.07	0.02
40.00	41.95	41.80	0.15
48.32	41.76	41.49	0.27
50.00	41.72	41.43	0.29
60.00	41.45	41.05	0.40
70.00	41.18	40.93	0.25
76.24	41.02	40.85	0.17
80.00	40.92	40.80	0.12
90.00	40.71	40.63	0.08
00.00	40.57	40.46	0.11
00.79	40.56	40.45	0.11
10.00	40.49	40.39	0.11
20.00	40.48	40.18	0.30
25.34	40.51	40.15	0.35
30.00	40.53	40.25	0.28
38.01	40.58	40.39	0.19
40.00	40.59	40.43	0.17
46.45	40.60	40.46	0.13
50.00	40.58	40.44	0.15
54.88	40.54	40.41	0.13
60.00	40.48	40.37	0.11
70.00	40.38	40.26	0.12

Elementy niwelety

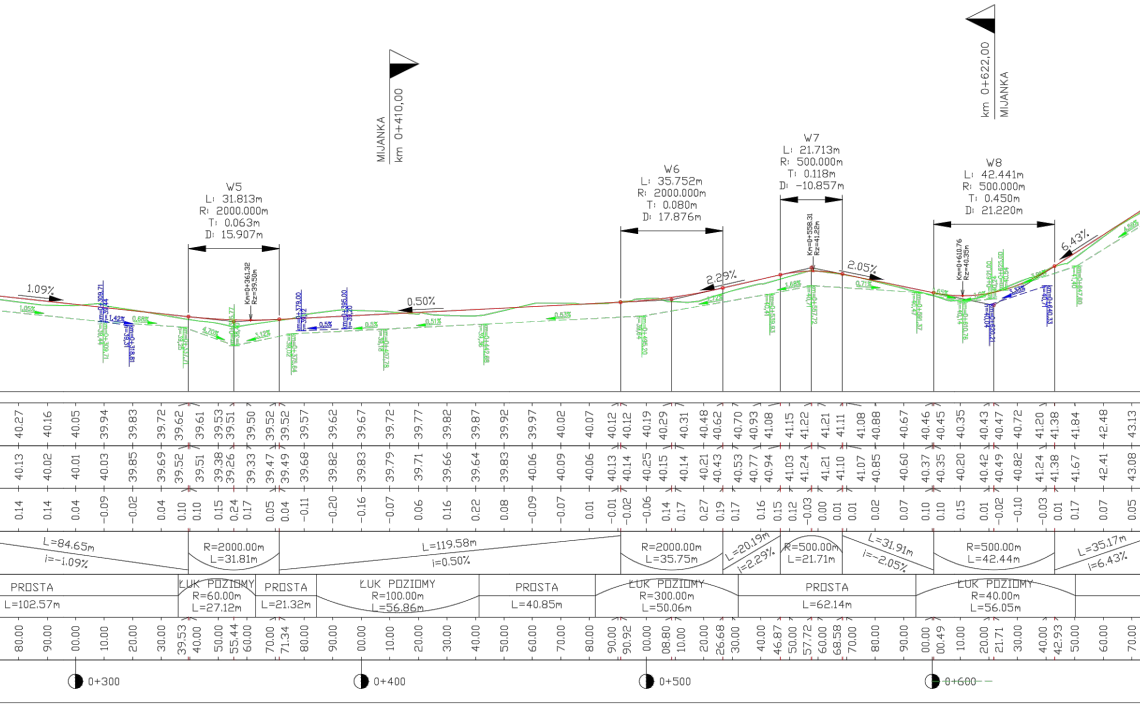
- L=28.18m i=-3.04%
- R=1500.00m L=61.24m
- L=21.71m i=1.04%
- R=1000.00m L=37.19m
- L=27.92m i=-2.68%
- R=1500.00m L=49.10m
- L=12.68m i=0.60%
- R=1000.00m L=16.87m

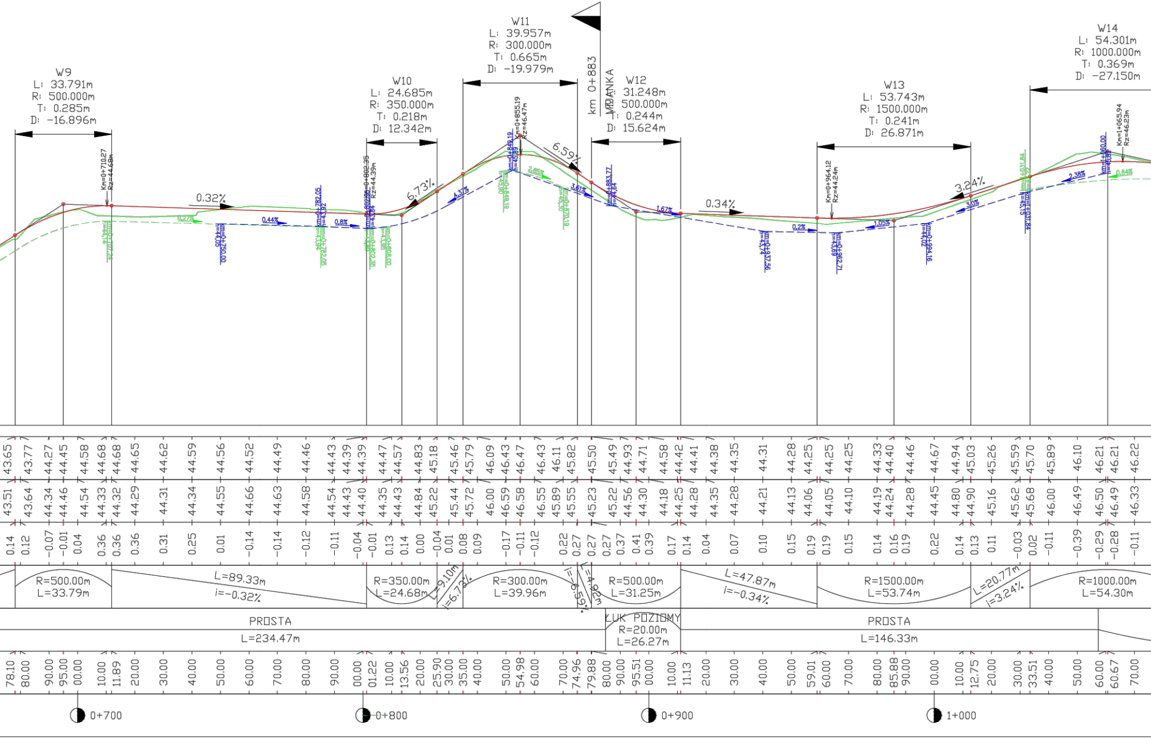
Elementy trasy

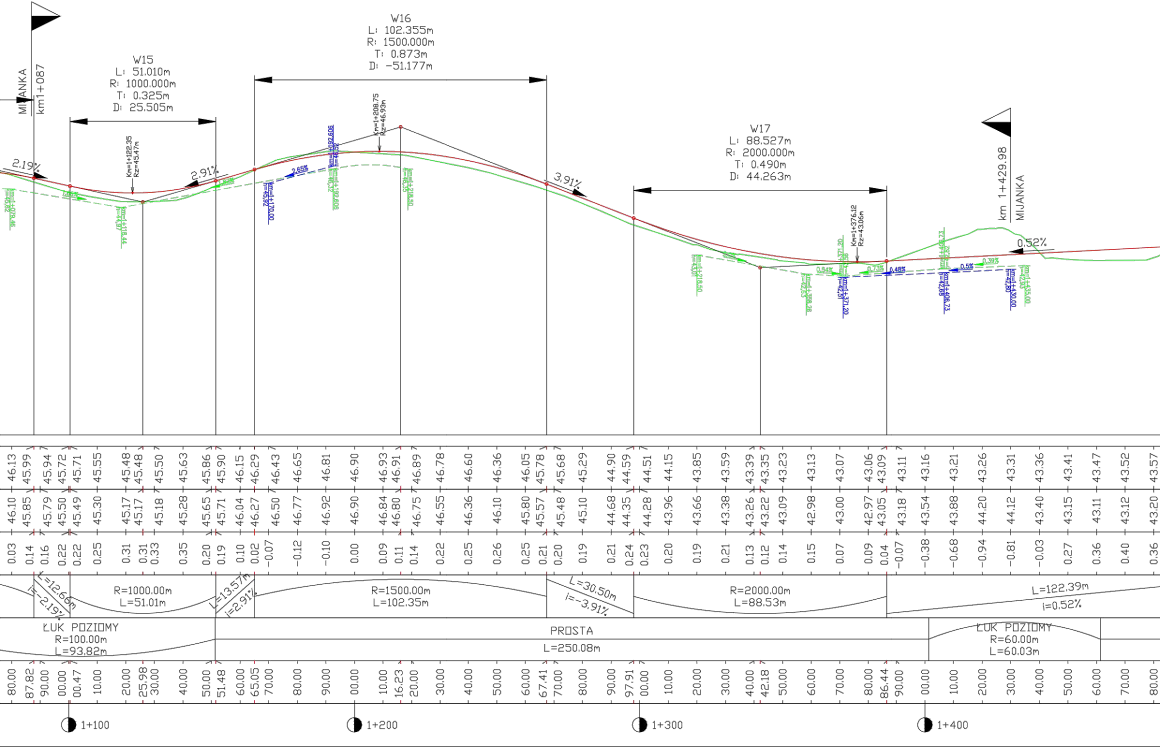
- ŁUK POZIOMY R=40.00m L=10.83m
- PROSTA L=41.18m
- ŁUK POZIOMY R=100.00m L=45.53m
- PROSTA L=90.97m
- ŁUK POZIOMY R=40.00m L=44.84m

Kilometraż

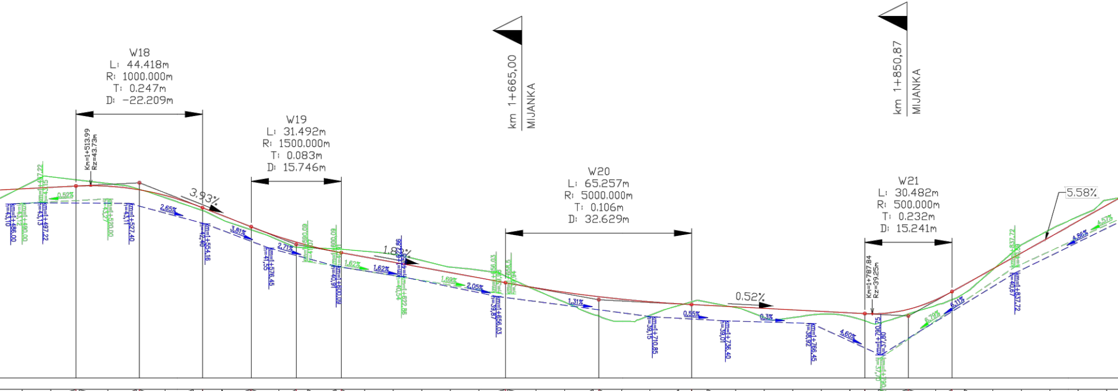
0+000
0+100
0+200


MIJANKA
km 0+410,00
km 0+622,00
MIJANKA
W5
L: 31.813m
R: 2000.000m
T: 0.063m
D: 15.907m
W6
L: 35.752m
R: 2000.000m
T: 0.080m
D: 17.876m
W7
L: 21.713m
R: 500.000m
T: 0.118m
D: -10.857m
W8
L: 42.441m
R: 500.000m
T: 0.450m
D: 21.220m
1.09%
0.50%
2.29%
2.05%
6.43%
Km=0+361.32
Rz=39.50m
Km=0+558.31
Rz=41.22m
Km=0+610.76
Rz=40.35m
40.27 40.16 40.05 39.94 39.83 39.72 39.62 39.61 39.53 39.51 39.50 39.52 39.52 39.57 39.62 39.67 39.72 39.77 39.82 39.87 39.92 39.97 40.02 40.07 40.12 40.12 40.19 40.29 40.31 40.48 40.62 40.70 40.93 41.08 41.15 41.22 41.21 41.11 41.08 40.88 40.67 40.46 40.45 40.35 40.43 40.47 40.72 41.20 41.38 41.84 42.48 43.13
40.13 40.02 40.01 40.03 39.85 39.69 39.52 39.51 39.38 39.26 39.33 39.47 39.49 39.68 39.82 39.83 39.79 39.71 39.66 39.64 39.83 40.06 40.09 40.06 40.13 40.14 40.25 40.15 40.14 40.21 40.43 40.53 40.77 40.94 41.03 41.24 41.21 41.10 41.07 40.85 40.60 40.37 40.35 40.20 40.42 40.49 40.82 41.24 41.38 41.67 42.41 43.08
0.14 0.14 0.04 -0.09 -0.02 0.04 0.10 0.10 0.15 0.24 0.17 0.05 0.04 -0.11 -0.20 -0.16 -0.07 0.06 0.16 0.22 0.08 -0.09 -0.07 0.01 -0.01 -0.02 -0.06 0.14 0.17 0.27 0.19 0.17 0.16 0.15 0.12 -0.03 0.00 0.01 0.01 0.02 0.07 0.10 0.10 0.15 0.01 -0.02 -0.10 -0.03 0.01 0.17 0.07 0.05
L=84.65m
i=-1.09%
R=2000.00m
L=31.81m
L=119.58m
i=0.50%
R=2000.00m
L=35.75m
L=20.19m
i=2.29%
R=500.00m
L=21.71m
L=31.91m
i=-2.05%
R=500.00m
L=42.44m
L=35.17m
i=6.43%
PROSTA
L=102.57m
ŁUK POZIOMY
R=60.00m
L=27.12m
PROSTA
L=21.32m
ŁUK POZIOMY
R=100.00m
L=56.86m
PROSTA
L=40.85m
ŁUK POZIOMY
R=300.00m
L=50.06m
PROSTA
L=62.14m
ŁUK POZIOMY
R=40.00m
L=56.05m
80.00 90.00 00.00 10.00 20.00 30.00 39.53 40.00 50.00 55.44 60.00 70.00 71.34 80.00 90.00 00.00 10.00 20.00 30.00 40.00 50.00 60.00 70.00 80.00 90.00 90.92 00.00 08.80 10.00 20.00 26.68 30.00 40.00 46.87 50.00 57.72 60.00 68.58 70.00 80.00 90.00 00.00 00.49 10.00 20.00 21.71 30.00 40.00 42.93 50.00 60.00 70.00
0+300
0+400
0+500
0+600


W9
L: 33.791m
R: 500.000m
T: 0.285m
D: -16.896m
W10
L: 24.685m
R: 350.000m
T: 0.218m
D: 12.342m
W11
L: 39.957m
R: 300.000m
T: 0.665m
D: -19.979m
km 0+883
MIJANKA
W12
L: 31.248m
R: 500.000m
T: 0.244m
D: 15.624m
W13
L: 53.743m
R: 1500.000m
T: 0.241m
D: 26.871m
W14
L: 54.301m
R: 1000.000m
T: 0.369m
D: -27.150m
Km=0+710.27
Rz=44.68m
Km=0+802.35
Rz=44.39m
Km=0+855.19
Rz=46.47m
Km=0+964.12
Rz=44.24m
Km=1+065.94
Rz=46.23m
0.32%
6.73%
6.59%
0.34%
3.24%
0.27%
0.44%
0.8%
4.37%
2.65%
3.61%
1.67%
0.2%
1.05%
3.0%
2.38%
0.84%
km=0+750.00
km=0+782.05
km=0+802.35
km=0+808.00
km=0+849.19
km=0+870.19
km=0+883.77
km=0+937.56
km=0+962.71
km=0+994.16
km=0+031.84
km=1+060.00
43.65 43.77 44.27 44.45 44.58 44.68 44.68 44.65 44.62 44.59 44.56 44.52 44.49 44.46 44.43 44.39 44.39 44.47 44.57 44.83 45.18 45.46 45.79 46.09 46.43 46.47 46.43 46.11 45.82 45.50 45.49 44.93 44.71 44.58 44.42 44.41 44.38 44.35 44.31 44.28 44.25 44.25 44.25 44.33 44.40 44.46 44.67 44.94 45.03 45.26 45.59 45.70 45.89 46.10 46.21 46.21 46.22
43.51 43.64 44.34 44.46 44.54 44.33 44.32 44.29 44.31 44.34 44.55 44.66 44.63 44.58 44.54 44.43 44.40 44.35 44.43 44.84 45.22 45.44 45.72 46.00 46.59 46.58 46.55 45.89 45.55 45.23 45.22 44.56 44.30 44.18 44.25 44.28 44.35 44.28 44.21 44.13 44.06 44.05 44.10 44.19 44.24 44.28 44.45 44.80 44.90 45.16 45.62 45.68 46.00 46.49 46.50 46.49 46.33
0.14 0.12 -0.07 -0.01 0.04 0.36 0.36 0.36 0.31 0.25 0.01 -0.14 -0.14 -0.12 -0.11 -0.04 -0.01 0.13 0.14 0.00 -0.04 0.01 0.08 0.09 -0.17 -0.11 -0.12 0.22 0.27 0.27 0.27 0.37 0.41 0.39 0.17 0.14 0.04 0.07 0.10 0.15 0.19 0.19 0.15 0.14 0.16 0.19 0.22 0.14 0.13 0.11 -0.03 0.02 -0.11 -0.39 -0.29 -0.28 -0.11
R=500.00m
L=33.79m
L=89.33m
i=-0.32%
R=350.00m
L=24.68m
L=9.10m
i=6.73%
R=300.00m
L=39.96m
i=-6.59%
L=4.92m
R=500.00m
L=31.25m
L=47.87m
i=-0.34%
R=1500.00m
L=53.74m
L=20.77m
i=3.24%
R=1000.00m
L=54.30m
PROSTA
L=234.47m
ŁUK POZIOMY
R=20.00m
L=26.27m
PROSTA
L=146.33m
78.10 80.00 90.00 95.00 00.00 10.00 11.89 20.00 30.00 40.00 50.00 60.00 70.00 80.00 90.00 00.00 01.22 10.00 13.56 20.00 25.90 30.00 35.00 40.00 50.00 54.98 60.00 70.00 74.96 79.88 80.00 90.00 95.51 00.00 10.00 11.13 20.00 30.00 40.00 50.00 59.01 60.00 70.00 80.00 85.88 90.00 00.00 10.00 12.75 20.00 30.00 33.51 40.00 50.00 60.00 60.67 70.00
0+700
0+800
0+900
1+000


MIJANKA
km1+087
W15
L: 51.010m
R: 1000.000m
T: 0.325m
D: 25.505m
W16
L: 102.355m
R: 1500.000m
T: 0.873m
D: -51.177m
W17
L: 88.527m
R: 2000.000m
T: 0.490m
D: 44.263m
km 1+429.98
MIJANKA
2.19%
2.91%
3.91%
0.52%
Km=1+122.35
Rz=45.47m
Km=1+208.75
Rz=46.93m
Km=1+376.12
Rz=43.06m
2.65%
0.54%
0.73%
0.48%
0.5%
0.39%
km=1+079.46
km=1+118.44
i=44.97
km=1+170.00
km=1+192.606
km=1+218.50
km=1+318.50
i=43.01
km=1+356.26
km=1+371.20
km=1+406.73
km=1+430.00
km=1+435.00
L=12.66m
i=-2.19%
R=1000.00m
L=51.01m
L=13.57m
i=2.91%
R=1500.00m
L=102.35m
L=30.50m
i=-3.91%
R=2000.00m
L=88.53m
L=122.39m
i=0.52%
ŁUK POZIOMY
R=100.00m
L=93.82m
PROSTA
L=250.08m
ŁUK POZIOMY
R=60.00m
L=60.03m
1+100
1+200
1+300
1+400

46.13	46.10	0.03	80.00
45.99	45.85	0.14	87.82
45.94	45.79	0.16	90.00
45.72	45.50	0.22	00.00
45.71	45.49	0.22	00.47
45.55	45.30	0.25	10.00
45.48	45.17	0.31	20.00
45.48	45.17	0.31	25.98
45.50	45.18	0.33	30.00
45.63	45.28	0.35	40.00
45.86	45.65	0.20	50.00
45.90	45.71	0.19	51.48
46.15	46.04	0.10	60.00
46.29	46.27	0.02	65.05
46.43	46.50	-0.07	70.00
46.65	46.77	-0.12	80.00
46.81	46.92	-0.10	90.00
46.90	46.90	0.00	00.00
46.93	46.84	0.09	10.00
46.91	46.80	0.11	16.23
46.89	46.75	0.14	20.00
46.78	46.55	0.22	30.00
46.60	46.36	0.25	40.00
46.36	46.10	0.26	50.00
46.05	45.80	0.25	60.00
45.78	45.57	0.21	67.41
45.68	45.48	0.20	70.00
45.29	45.10	0.19	80.00
44.90	44.68	0.21	90.00
44.59	44.35	0.24	97.91
44.51	44.28	0.23	00.00
44.15	43.96	0.20	10.00
43.85	43.66	0.19	20.00
43.59	43.38	0.21	30.00
43.39	43.26	0.13	40.00
43.35	43.22	0.12	42.18
43.23	43.09	0.14	50.00
43.13	42.98	0.15	60.00
43.07	43.00	0.07	70.00
43.06	42.97	0.09	80.00
43.09	43.05	0.04	86.44
43.11	43.18	-0.07	90.00
43.16	43.54	-0.38	00.00
43.21	43.88	-0.68	10.00
43.26	44.20	-0.94	20.00
43.31	44.12	-0.81	30.00
43.36	43.40	-0.03	40.00
43.41	43.15	0.27	50.00
43.47	43.11	0.36	60.00
43.52	43.12	0.40	70.00
43.57	43.20	0.36	80.00

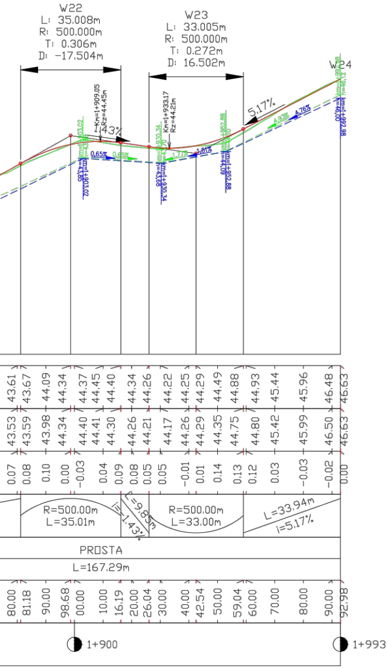

W18
L: 44.418m
R: 1000.000m
T: 0.247m
D: -22.209m
Km=1+513.99
Rz=43.73m
3.93%
W19
L: 31.492m
R: 1500.000m
T: 0.083m
D: 15.746m
1.83%
km 1+665,00
MIJANKA
W20
L: 65.257m
R: 5000.000m
T: 0.106m
D: 32.629m
0.52%
km 1+850,87
MIJANKA
W21
L: 30.482m
R: 500.000m
T: 0.232m
D: 15.241m
Km=1+787.84
Rz=39.25m
5.58%
0.52%
2.65%
3.81%
2.71%
1.62%
1.62%
1.69%
2.05%
1.31%
0.55%
0.3%
4.60%
6.79%
6.11%
4.86%
4.57%

43.62	43.68	-0.06	90.00
43.67	44.04	-0.37	00.00
43.72	43.94	-0.22	08.83
43.72	43.92	-0.20	10.00
43.71	43.81	-0.09	20.00
43.60	43.63	-0.03	30.00
43.59	43.60	-0.02	31.04
43.39	43.31	0.08	40.00
43.08	42.98	0.11	50.00
42.96	42.87	0.10	53.25
42.70	42.55	0.15	60.00
42.30	42.20	0.11	70.00
42.29	42.19	0.10	70.35
41.94	41.82	0.12	80.00
41.75	41.57	0.18	86.09
41.65	41.56	0.09	90.00
41.42	41.52	-0.10	00.00
41.38	41.51	-0.12	01.84
41.24	41.44	-0.20	10.00
41.05	41.33	-0.28	20.00
40.87	41.11	-0.24	30.00
40.69	40.88	-0.19	40.00
40.50	40.78	-0.27	50.00
40.33	40.56	-0.23	59.32
40.32	40.53	-0.21	60.00
40.15	40.07	0.08	70.00
40.00	39.65	0.35	80.00
39.87	39.22	0.65	90.00
39.84	39.17	0.67	91.95
39.76	38.98	0.77	00.00
39.67	39.19	0.47	10.00
39.59	39.53	0.06	20.00
39.57	39.67	-0.10	24.58
39.54	39.66	-0.12	30.00
39.49	39.46	0.03	40.00
39.44	39.12	0.32	50.00
39.38	39.11	0.27	60.00
39.33	39.24	0.10	70.00
39.28	39.15	0.13	80.00
39.25	39.00	0.25	85.23
39.25	38.91	0.34	90.00
39.39	39.22	0.17	00.00
39.40	39.24	0.17	00.47
39.74	39.54	0.20	10.00
40.02	39.74	0.28	15.71
40.26	39.96	0.30	20.00
40.82	40.79	0.03	30.00
41.38	41.66	-0.28	40.00
41.93	42.19	-0.26	50.00
42.49	42.65	-0.16	60.00
43.05	43.23	-0.18	70.00

R=1000.00m L=44.42m
L=17.09m i=-3.93%
R=1500.00m L=31.49m
L=57.48m i=-1.83%
R=5000.00m L=65.26m
L=60.65m i=-0.52%
R=500.00m L=30.48m
L=65.46m i=5.58%

PROSTA L=174.46m
ŁUK POZIOMY R=100.00m L=59.22m
PROSTA L=66.14m
ŁUK POZIOMY R=40.00m L=34.67m
ŁUK POZIOMY R=40.00m L=29.86m

1+500
1+600
1+700
1+800


W22
L: 35.008m
R: 500.000m
T: 0.306m
D: -17.504m
W23
L: 33.005m
R: 500.000m
T: 0.272m
D: 16.502m
W24
5.17%
1.43%
Km=1+909.05
Rz=44.45m
Km=1+933.17
Rz=44.21m
0.65%
1.71%
1.81%
4.76%
43.61 43.67 44.09 44.34 44.37 44.45 44.40 44.34 44.26 44.22 44.25 44.29 44.49 44.88 44.93 45.44 45.96 46.48 46.63
43.53 43.59 43.98 44.34 44.40 44.41 44.30 44.26 44.21 44.17 44.26 44.29 44.35 44.75 44.80 45.42 45.99 46.50 46.63
0.07 0.08 0.10 0.00 -0.03 0.04 0.09 0.08 0.05 0.05 -0.01 0.01 0.14 0.13 0.12 0.03 -0.03 -0.02 0.00
R=500.00m
L=35.01m
L=9.83m
i=-1.43%
R=500.00m
L=33.00m
L=33.94m
i=5.17%
PROSTA
L=167.29m
80.00 81.18 90.00 98.68 00.00 10.00 16.19 20.00 26.04 30.00 40.00 42.54 50.00 59.04 60.00 70.00 80.00 90.00 92.98
1+900
1+993

LEGENDA:

— PROJEKTOWANA NIWELETA

— TEREN ISTNIEJĄCY

- - - RÓW LEWY

- - - RÓW PRAWY

MIJANKA STRONA PRAWA

MIJANKA STRONA LEWA

Nazwa i adres obiektu:	Budowa drogi leśnej w leśnictwie Borzym – dojazd gospodarczy (dz. nr 322, 300, 276, 275, 299, 298, 321 obręb Rożnowo, gmina Banie)				Nr egz.	
Tytuł rysunku:	Profil podłużny				Skala:	1:100/1000
	Imię i nazwisko:	Nr uprawnień:	Specjalność:	Podpis:	Nr rys.	4
Kierownik zespołu projektowego:	mgr inż. Mirosław Skrzecz					
Projektant:	mgr inż. Grzegorz Pawlukowski	ZAP/0146/POOD/08	drogi		Data:	sierpień 2018
Sprawdzający:	inż. Adam Drobiazgiewicz	43/Sz/79	drogi		Plik:	