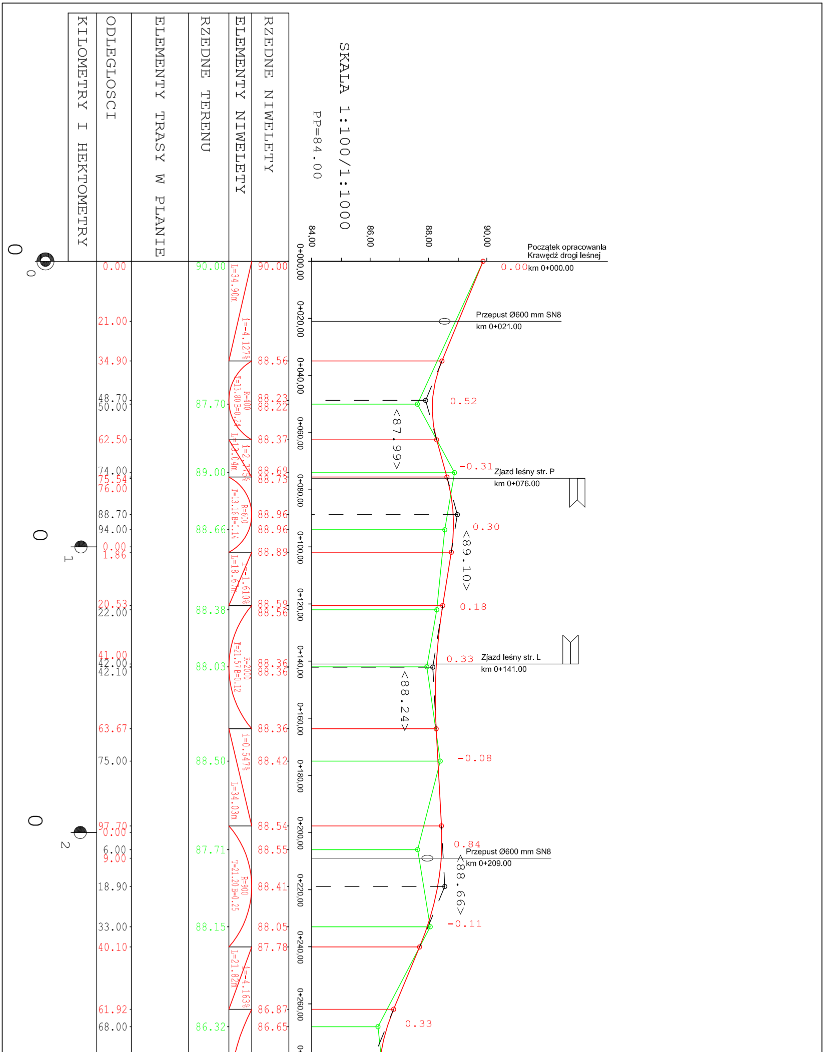
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RZEDNE NIWELETY
ELEMENTY NIWELETY
RZEDNE TERENU
ELEMENTY TRASY W PLANIE
ODLEGLOSCI
KILOMETRY I HEKTOMETRY
84,00
86,00
88,00
90,00
Początek opracowania
Krawędź drogi leśnej
km 0+000.00
Przepust Ø600 mm SN8
km 0+021.00
Zjazd leśny str. P
km 0+076.00
Zjazd leśny str. L
km 0+141.00
Przepust Ø600 mm SN8
km 0+209.00
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
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0+240,00
0+260,00
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<88.24>
<88.66>
0.00
0.52
-0.31
0.30
0.18
0.33
-0.08
0.84
-0.11
0.33
L=34.90m i=-4.127%
R=400 T=13.80 B=0.24
i=2.775% L=12.04m
R=600 T=13.16 B=0.14
i=-1.610% L=18.67m
R=2000 T=21.57 B=0.12
i=0.547% L=34.03m
R=900 T=21.20 B=0.25
i=-4.163% L=21.82m
90.00
88.56
88.23
88.22
88.37
88.69
88.73
88.96
88.96
88.89
88.59
88.56
88.36
88.36
88.36
88.42
88.54
88.55
88.41
88.05
87.78
86.87
86.65
90.00
87.70
89.00
88.66
88.38
88.03
88.50
87.71
88.15
86.32
0.00
21.00
34.90
48.70
50.00
62.50
74.00
75.54
76.00
88.70
94.00
0.00
1.86
20.53
22.00
41.00
42.00
42.10
63.67
75.00
97.70
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9.00
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33.00
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61.92
68.00
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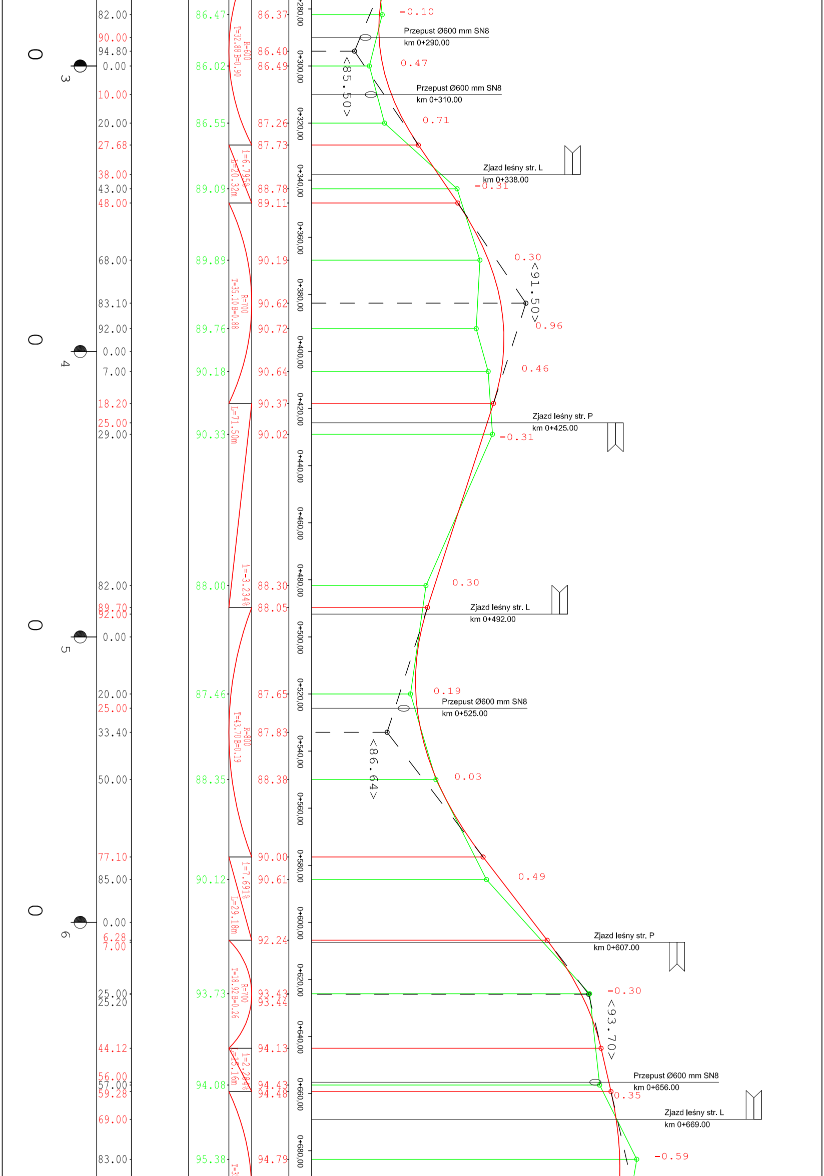
1
0
2


Przepust Ø600 mm SN8
km 0+290.00
Przepust Ø600 mm SN8
km 0+310.00
Zjazd leśny str. L
km 0+338.00
Zjazd leśny str. P
km 0+425.00
Zjazd leśny str. L
km 0+492.00
Przepust Ø600 mm SN8
km 0+525.00
Zjazd leśny str. P
km 0+607.00
Przepust Ø600 mm SN8
km 0+656.00
Zjazd leśny str. L
km 0+669.00
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0.47
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-0.31
0.30
0.96
0.46
-0.31
0.30
0.19
0.03
0.49
-0.30
0.35
-0.59
R=600 T=32.88 B=0.90
i=6.795% L=20.32m
R=700 T=35.10 B=0.88
L=71.50m
i=-3.234%
R=800 T=43.70 B=0.19
i=7.691% L=29.18m
R=700 T=18.92 B=0.26
i=2.284% L=15.16m
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
0+600,00
0+620,00
0+640,00
0+660,00
0+680,00
0 3
0 4
0 5
0 6
82.00
90.00
94.80
0.00
10.00
20.00
27.68
38.00
43.00
48.00
68.00
83.10
92.00
0.00
7.00
18.20
25.00
29.00
82.00
89.70
92.00
0.00
20.00
25.00
33.40
50.00
77.10
85.00
0.00
6.28
7.00
25.00
25.20
44.12
56.00
57.00
59.28
69.00
83.00
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86.02
86.55
89.09
89.89
89.76
90.18
90.33
88.00
87.46
88.35
90.12
93.73
94.08
95.38
86.37
86.40
86.49
87.26
87.73
88.78
89.11
90.19
90.62
90.72
90.64
90.37
90.02
88.30
88.05
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94.48
94.79

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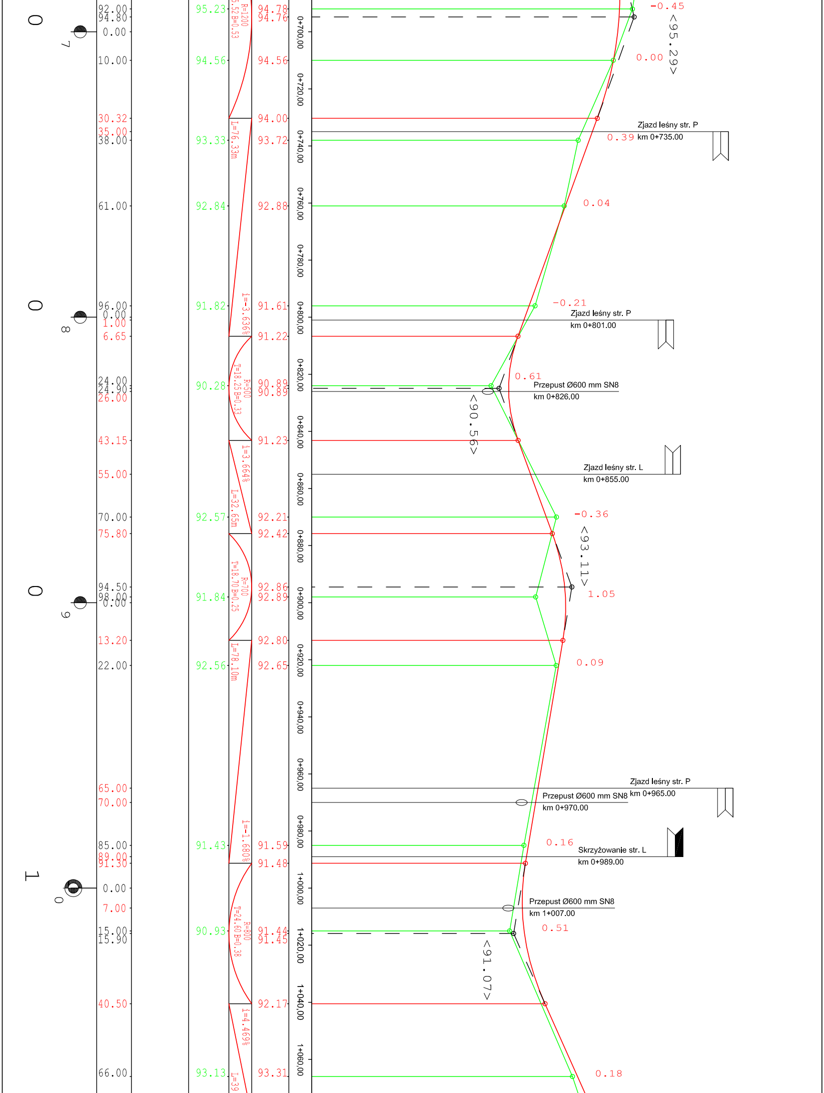

Zjazd leśny str. P
km 0+735.00
Zjazd leśny str. P
km 0+801.00
Przepust Ø600 mm SN8
km 0+826.00
Zjazd leśny str. L
km 0+855.00
Zjazd leśny str. P
km 0+965.00
Przepust Ø600 mm SN8
km 0+970.00
Skrzyżowanie str. L
km 0+989.00
Przepust Ø600 mm SN8
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-0.36
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1.05
0.09
0.16
0.51
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0.18
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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
1+000.00
1+020.00
1+040.00
1+060.00
95.23
94.56
93.33
92.84
91.82
90.28
92.57
91.84
92.56
91.43
90.93
93.13
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94.76
94.56
94.00
93.72
92.88
91.61
91.22
90.89
90.89
91.23
92.21
92.42
92.86
92.89
92.80
92.65
91.59
91.48
91.44
91.45
92.17
93.31
R=1200
5.52 B=0.53
L=76.33m
i=-3.636%
R=500
T=18.25 B=0.33
i=3.664%
L=32.65m
R=700
T=18.70 B=0.25
L=78.10m
i=-1.680%
R=800
T=24.60 B=0.38
i=4.469%
L=39
92.00
94.80
0.00
10.00
30.32
35.00
38.00
61.00
96.00
0.00
1.00
6.65
24.00
24.90
26.00
43.15
55.00
70.00
75.80
94.50
98.00
0.00
13.20
22.00
65.00
70.00
85.00
89.00
91.30
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15.90
40.50
66.00
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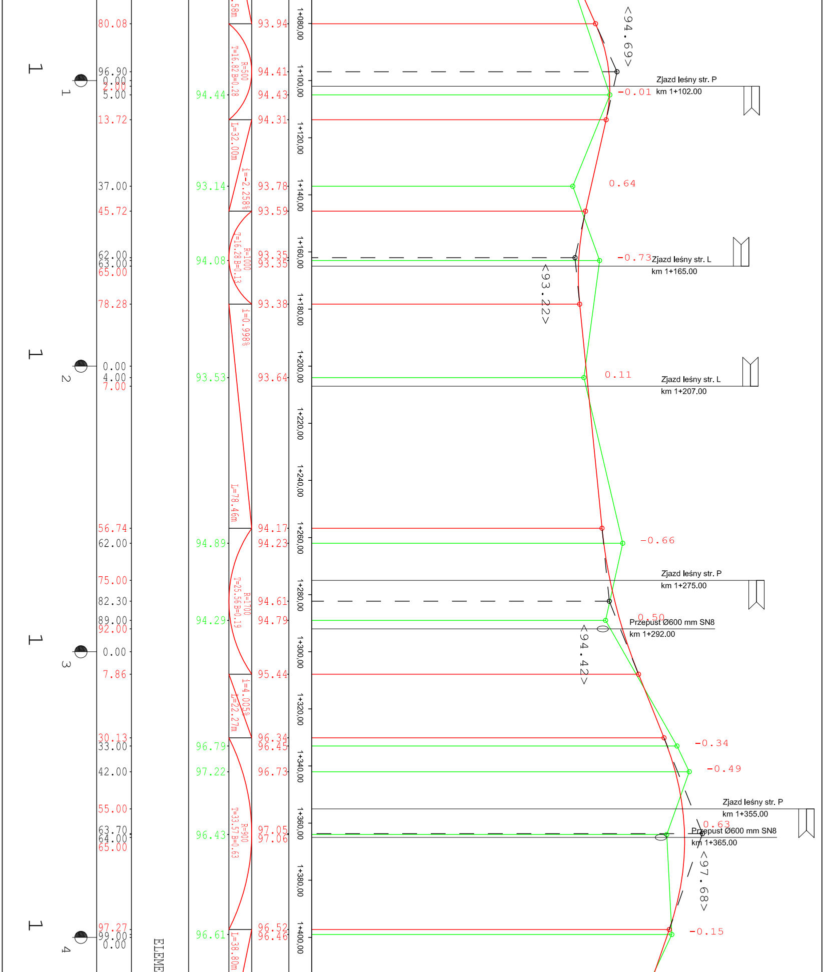
9
1
0



Zjazd leśny str. P
km 1+102.00
Zjazd leśny str. L
km 1+165.00
Zjazd leśny str. L
km 1+207.00
Zjazd leśny str. P
km 1+275.00
Przepust Ø600 mm SN8
km 1+292.00
Zjazd leśny str. P
km 1+355.00
Przepust Ø600 mm SN8
km 1+365.00
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<94.42>
<97.68>
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0.64
-0.73
0.11
-0.66
0.50
-0.34
-0.49
0.63
-0.15
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
1+400,00
93.94
94.41
94.43
94.31
93.78
93.59
93.35
93.35
93.38
93.64
94.17
94.23
94.61
94.79
95.44
96.34
96.45
96.73
97.05
97.06
96.52
96.46
94.44
93.14
94.08
93.53
94.89
94.29
96.79
97.22
96.43
96.61
.58m
R=500
T=16.82 B=0.28
L=32.00m
i=-2.258%
R=1000
T=16.28 B=0.13
i=0.998%
L=78.46m
R=1700
T=25.56 B=0.19
i=4.005%
L=22.27m
R=900
T=33.57 B=0.63
L=38.80m
80.08
96.90
0.00
2.00
5.00
13.72
37.00
45.72
62.00
63.00
65.00
78.28
0.00
4.00
7.00
56.74
62.00
75.00
82.30
89.00
92.00
0.00
7.86
30.13
33.00
42.00
55.00
63.70
64.00
65.00
97.27
99.00
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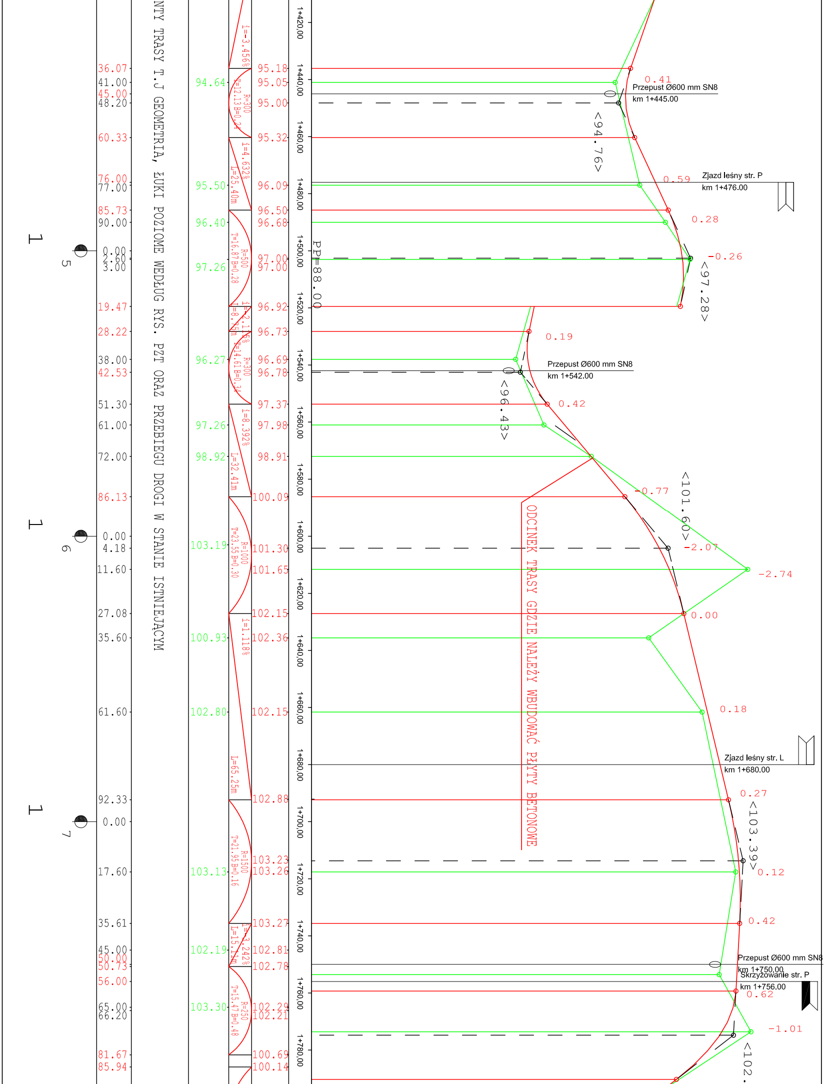
1
2
1
3
1
4
ELEME


NTY TRASY T.J GEOMETRIA, ŁUKI POZIOME WEDŁUG RYS. PZT ORAZ PRZEBIEGU DROGI W STANIE ISTNIEJĄCYM
ODCINEK TRASY GDZIE NALEŻY WBUDOWAĆ PŁYTY BETONOWE
PP=88.00
Przepust Ø600 mm SN8
km 1+445.00
Zjazd leśny str. P
km 1+476.00
Przepust Ø600 mm SN8
km 1+542.00
Zjazd leśny str. L
km 1+680.00
Przepust Ø600 mm SN8
km 1+750.00
Skrzyżowanie str. P
km 1+756.00
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0.19
0.42
-0.77
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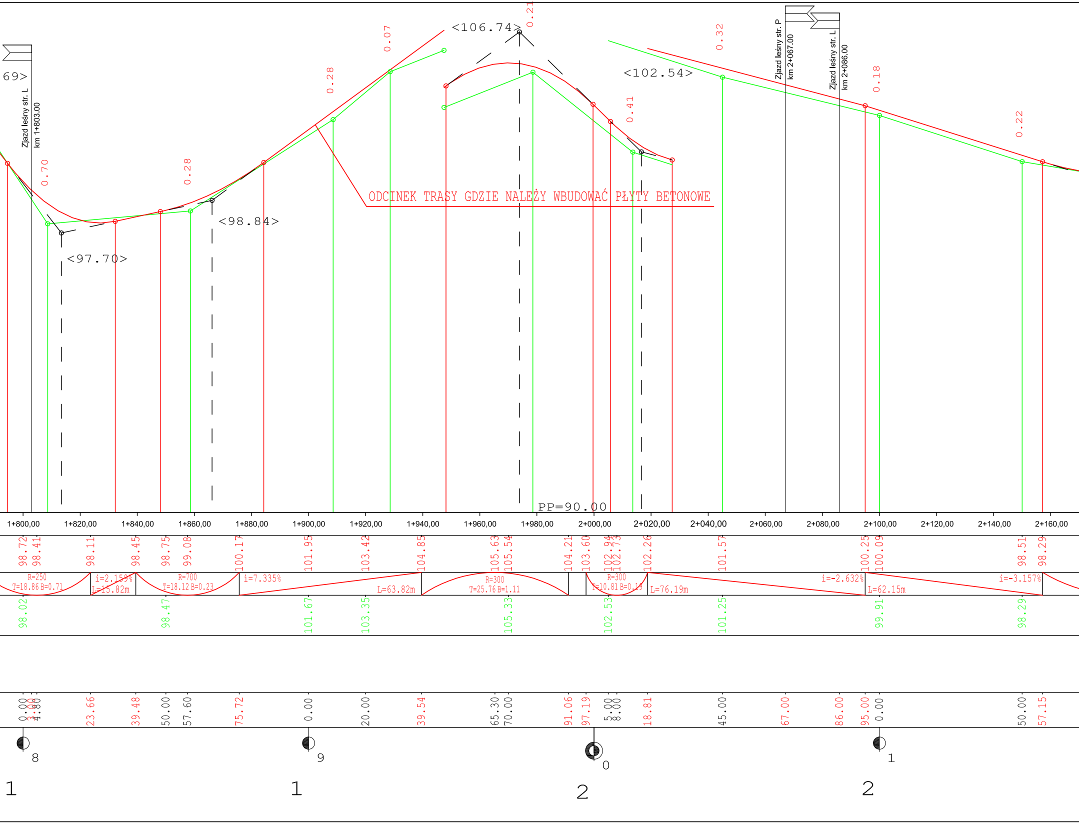
-2.74
0.00
0.18
0.27
0.12
0.42
0.62
-1.01
1+420.00
1+440.00
1+460.00
1+480.00
1+500.00
1+520.00
1+540.00
1+560.00
1+580.00
1+600.00
1+620.00
1+640.00
1+660.00
1+680.00
1+700.00
1+720.00
1+740.00
1+760.00
1+780.00
95.18
95.05
95.00
95.32
96.09
96.50
96.68
97.00
97.00
96.92
96.73
96.69
96.78
97.37
97.98
98.91
100.09
101.30
101.65
102.15
102.36
102.15
102.88
103.23
103.26
103.27
102.81
102.78
102.29
102.21
100.69
100.14
i=-3.456%
R=300 T=12.13 B=0.24
i=4.632% L=25.40m
R=500 T=16.87 B=0.28
i=-2.11% L=8.75m
R=300 T=14.61 B=0.34
i=8.392% L=32.41m
R=1000 T=23.55 B=0.30
i=1.118% L=65.25m
R=1500 T=21.95 B=0.16
i=-3.242% L=15.11m
R=250 T=15.47 B=0.48
94.64
95.50
96.40
97.26
96.27
97.26
98.92
103.19
100.93
102.80
103.13
102.19
103.30
36.07
41.00
45.00
48.20
60.33
76.00
77.00
85.73
90.00
0.00
2.60
3.00
19.47
28.22
38.00
42.53
51.30
61.00
72.00
86.13
0.00
4.18
11.60
27.08
35.60
61.60
92.33
0.00
17.60
35.61
45.00
50.00
50.73
56.00
65.00
66.20
81.67
85.94
1
5
1
6
1
7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Zjazd leśny str. L
km 1+803.00
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0.28
0.07
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0.21
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0.41
0.32
Zjazd leśny str. P
km 2+067.00
Zjazd leśny str. L
km 2+086.00
0.18
0.22
ODCINEK TRASY GDZIE NALEŻY WBUDOWAĆ PŁYTY BETONOWE
PP=90.00
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
98.72
98.41
98.11
98.45
98.75
99.08
100.17
101.95
103.42
104.85
105.63
105.54
104.21
103.60
102.94
102.73
102.26
101.57
100.25
100.09
98.51
98.29
R=250
T=18.86 B=0.71
i=2.159%
L=15.82m
R=700
T=18.12 B=0.23
i=7.335%
L=63.82m
R=300
T=25.76 B=1.11
R=300
T=10.81 B=0.19
L=76.19m
i=-2.632%
L=62.15m
i=-3.157%
98.02
98.47
101.67
103.35
105.33
102.53
101.25
99.91
98.29
0.00
3.00
4.80
23.66
39.48
50.00
57.60
75.72
0.00
20.00
39.54
65.30
70.00
91.06
97.19
5.00
8.00
18.81
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95.00
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8
9
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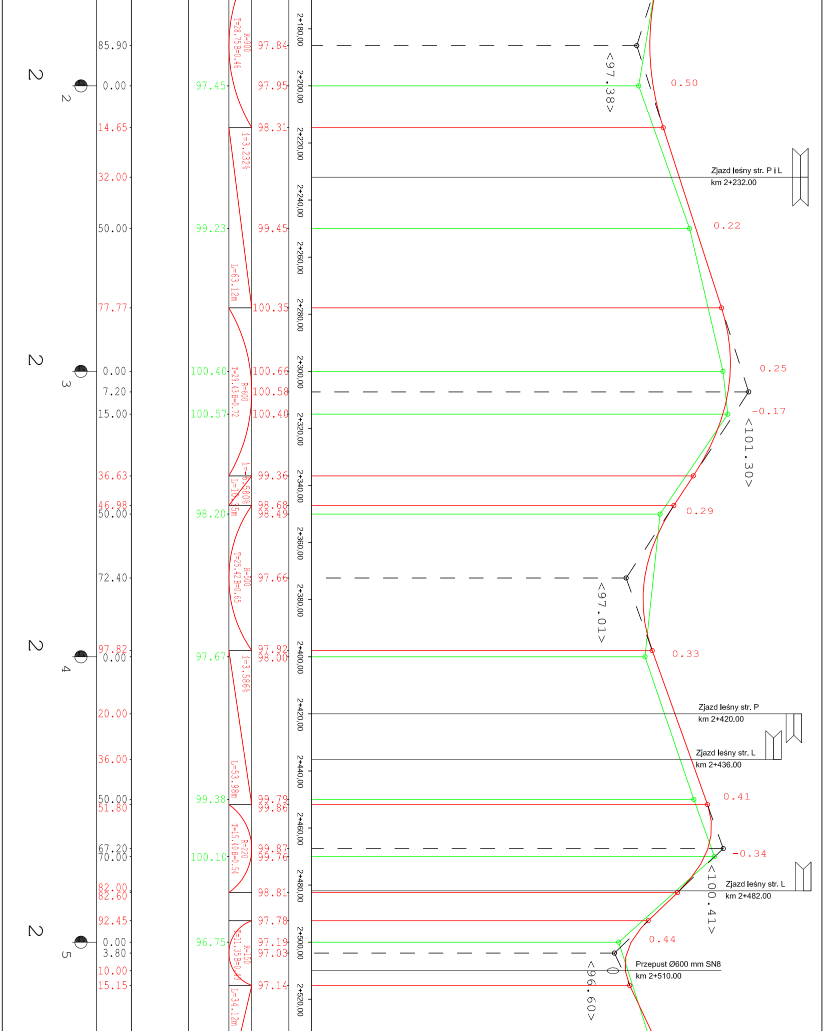
2
2


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
85.90
0.00
14.65
32.00
50.00
77.77
0.00
7.20
15.00
36.63
46.98
50.00
72.40
97.82
0.00
20.00
36.00
50.00
51.80
67.20
70.00
82.00
82.60
92.45
0.00
3.80
10.00
15.15
2
2
3
2
4
2
5
97.45
99.23
100.40
100.57
98.20
97.67
99.38
100.10
96.75
R=900
T=28.75 B=0.46
i=3.232%
L=63.12m
R=600
T=29.43 B=0.72
i=-6.580%
L=10.35m
R=500
T=25.42 B=0.65
i=3.586%
L=53.98m
R=220
T=15.40 B=0.54
R=150
T=11.35 B=0.43
L=34.12m
97.84
97.95
98.31
99.45
100.35
100.66
100.58
100.40
99.36
98.68
98.49
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97.92
98.00
99.79
99.86
99.87
99.76
98.81
97.78
97.19
97.03
97.14
<97.38>
0.50
Zjazd leśny str. P i L
km 2+232.00
0.22
0.25
<101.30>
-0.17
0.29
<97.01>
0.33
Zjazd leśny str. P
km 2+420.00
Zjazd leśny str. L
km 2+436.00
0.41
-0.34
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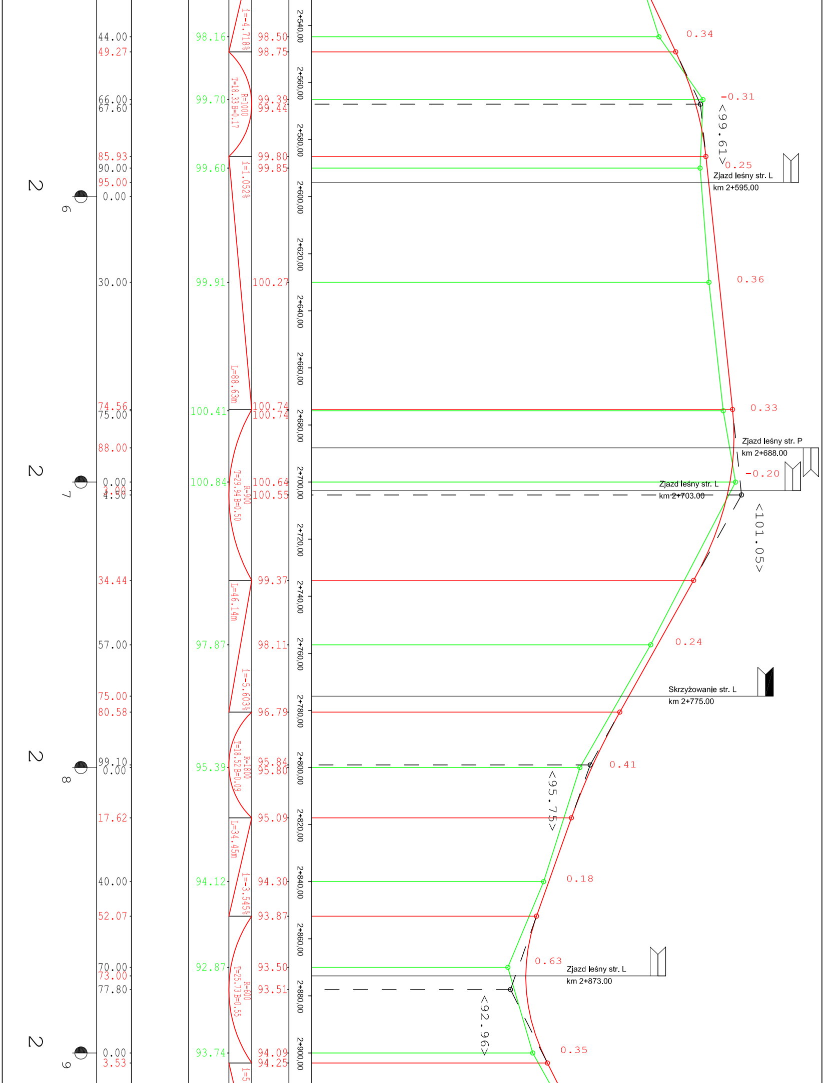
Zjazd leśny str. L
km 2+482.00
0.44
Przepust Ø600 mm SN8
km 2+510.00
<96.60>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-0.31
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0.25
Zjazd leśny str. L
km 2+595.00
0.36
0.33
Zjazd leśny str. P
km 2+688.00
-0.20
Zjazd leśny str. L
km 2+703.00
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Skrzyżowanie str. L
km 2+775.00
0.41
<95.75>
0.18
0.63
Zjazd leśny str. L
km 2+873.00
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0.35
2+540.00
2+560.00
2+580.00
2+600.00
2+620.00
2+640.00
2+660.00
2+680.00
2+700.00
2+720.00
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
98.50
98.75
99.39
99.44
99.80
99.85
100.27
100.74
100.74
100.64
100.55
99.37
98.11
96.79
95.84
95.80
95.09
94.30
93.87
93.50
93.51
94.09
94.25
i=-4.718%
R=1000
T=18.33 B=0.17
i=1.052%
L=88.63m
R=900
T=29.94 B=0.50
L=46.14m
i=-5.603%
R=1800
T=18.52 B=0.09
L=34.45m
i=-3.545%
R=600
T=25.73 B=0.55
i=5
98.16
99.70
99.60
99.91
100.41
100.84
97.87
95.39
94.12
92.87
93.74
44.00
49.27
66.00
67.60
85.93
90.00
95.00
0.00
30.00
74.56
75.00
88.00
0.00
4.00
4.50
34.44
57.00
75.00
80.58
99.10
0.00
17.62
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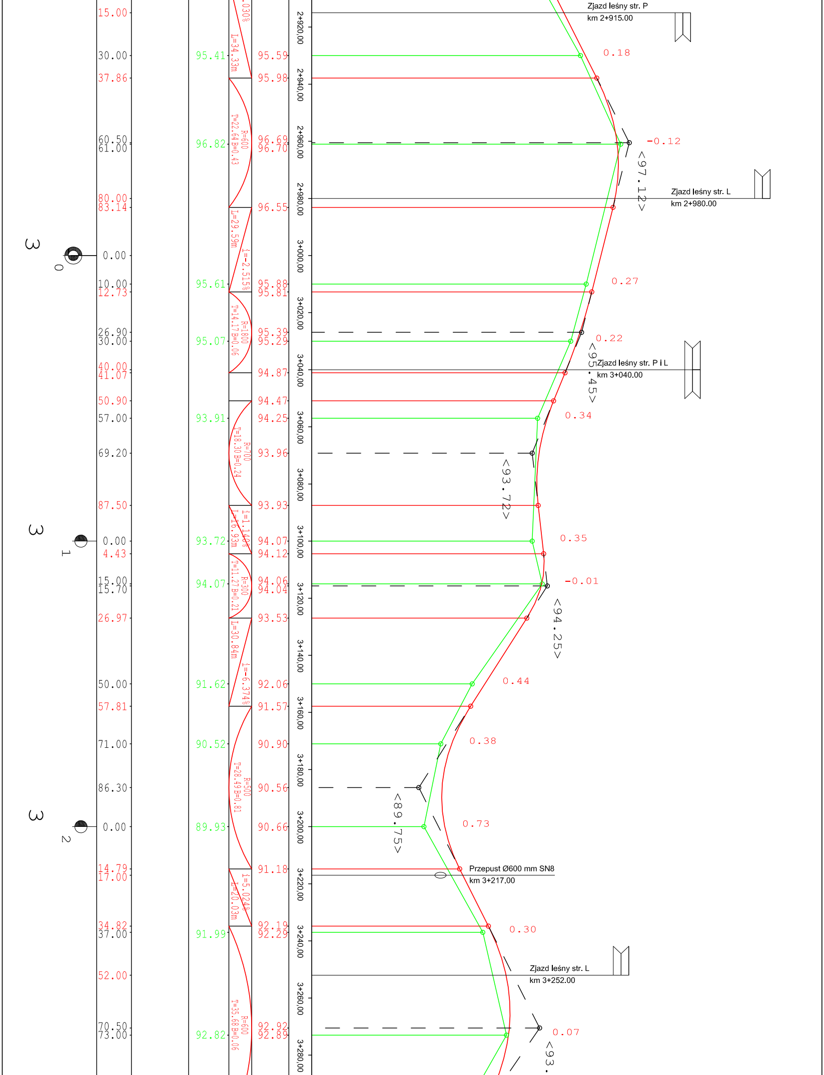
Zjazd leśny str. P
km 2+915.00
Zjazd leśny str. L
km 2+980.00
Zjazd leśny str. P i L
km 3+040.00
Przepust Ø600 mm SN8
km 3+217.00
Zjazd leśny str. L
km 3+252.00
2+920,00
2+940,00
2+960,00
2+980,00
3+000,00
3+020,00
3+040,00
3+060,00
3+080,00
3+100,00
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3+240,00
3+260,00
3+280,00
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<93.
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0.27
0.22
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0.35
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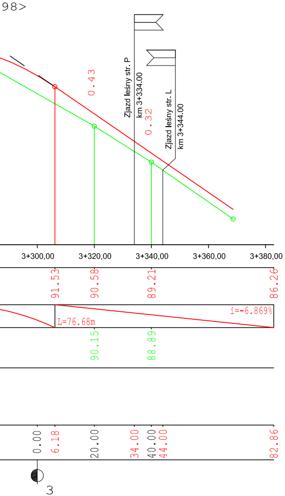
0.44
0.38
0.73
0.30
0.07
15.00
30.00
37.86
60.50
61.00
80.00
83.14
30
0.00
10.00
12.73
26.90
30.00
40.00
41.07
50.90
57.00
69.20
87.50
31
0.00
4.43
15.00
15.70
26.97
50.00
57.81
71.00
86.30
32
0.00
14.79
17.00
34.82
37.00
52.00
70.50
73.00
95.41
96.82
95.61
95.07
93.91
93.72
94.07
91.62
90.52
89.93
91.99
92.82
95.59
95.98
96.69
96.70
96.55
95.88
95.81
95.39
95.29
94.87
94.47
94.25
93.96
93.93
94.07
94.12
94.06
94.04
93.53
92.06
91.57
90.90
90.56
90.66
91.18
92.19
92.29
92.92
92.89
.030%
L=34.33m
R=600
T=22.64 B=0.43
L=29.59m
i=-2.515%
R=1800
T=14.17 B=0.06
R=700
T=18.30 B=0.24
i=1.140%
L=16.93m
R=300
T=11.27 B=0.21
L=30.84m
i=-6.374%
R=500
T=28.49 B=0.81
i=5.024%
L=20.03m
R=600
T=35.68 B=0.06



98>
Zjazd leśny str. P
km 3+334.00
Zjazd leśny str. L
km 3+344.00
0.43
0.32
3+300,00
3+320,00
3+340,00
3+360,00
3+380,00
91.53
90.58
89.21
86.26
L=76.68m
i=-6.869%
90.15
88.89
0.00
6.18
20.00
34.00
40.00
44.00
82.86
3
3

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Nazwa obiektu : "Projekt przebudowy drogi leśnej w oddz. 338,337,367, 366,365,364,363,390,391,392,393,394 na terenie Leśnictwa Maków"

Branża : DROGOWA

Temat opracowania : "Przebudowa drogi leśnej"

Stadium : P.W.

Nazwa rysunku : **PROFIL PODŁUŻNY**

Skala : 1:100/1000

ZESPÓŁ PROJEKTOWY

Data : KWIECIEŃ 2019

Imię i nazwisko :	Podpis :	Nr uprawnień :
Projektant : tech. Zbigniew Koper		402/94/OL
Opracował : inż. Tomasz Rykowski		

Rys. nr : **2.1**