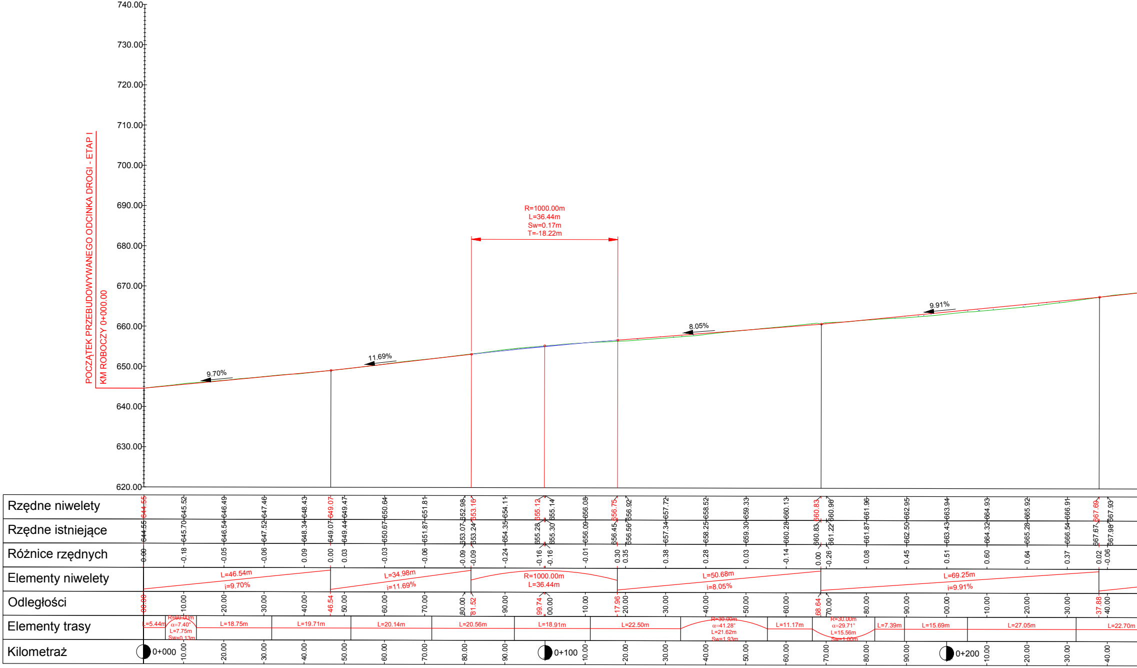
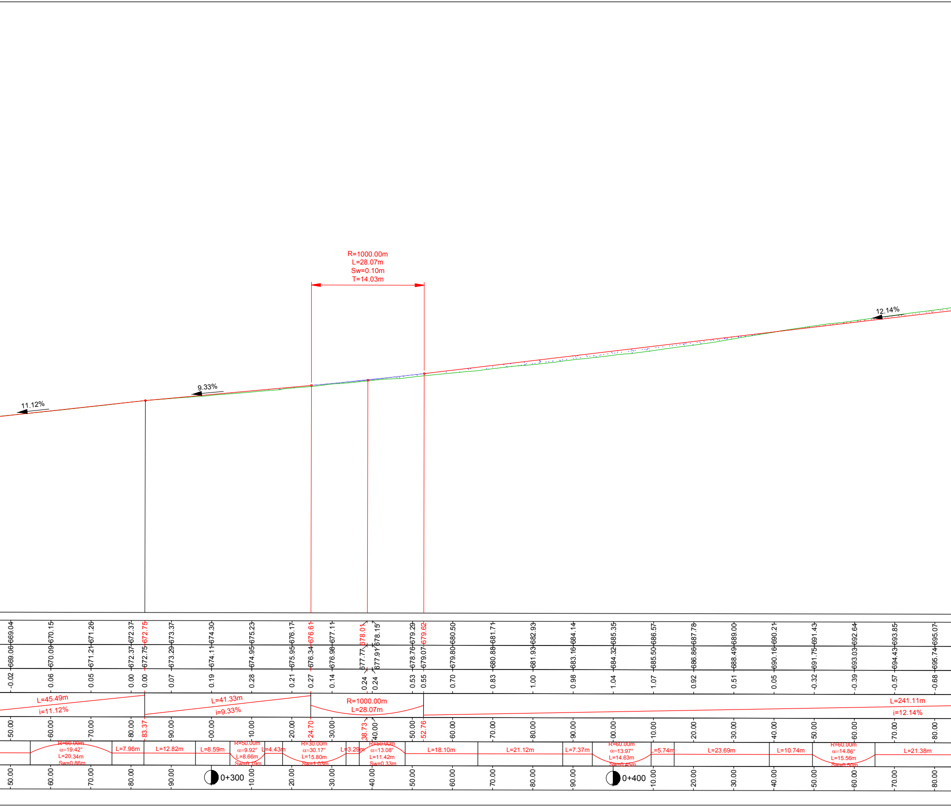

POCZĄTEK PRZEBUDOWYWANEGO ODCINKA DROGI - ETAP I
KM ROBOCZY 0+000.00
740.00
730.00
720.00
710.00
700.00
690.00
680.00
670.00
660.00
650.00
640.00
630.00
620.00
9.70%
11.69%
R=1000.00m
L=36.44m
Sw=0.17m
T=-18.22m
8.05%
9.91%
Rzędne niwelety
Rzędne istniejące
Różnice rzędnych
Elementy niwelety
L=46.54m
i=9.70%
L=34.98m
i=11.69%
R=1000.00m
L=36.44m
L=50.68m
i=8.05%
L=69.25m
i=9.91%
Odległości
Elementy trasy
L=5.44m
R=60.00m
α=7.40°
L=7.75m
Sw=0.13m
L=18.75m
L=19.71m
L=20.14m
L=20.56m
L=18.91m
L=22.50m
R=30.00m
α=41.28°
L=21.62m
Sw=1.93m
L=11.17m
R=30.00m
α=29.71°
L=15.56m
Sw=1.00m
L=7.39m
L=15.69m
L=27.05m
L=22.70m
Kilometraż
0+000
0+100
0+200



R=1000.00m
L=28.07m
Sw=0.10m
T=14.03m
11.12%
9.33%
12.14%
669.06 669.04
670.09 670.15
671.21 671.26
672.37 672.37
672.75 672.75
673.29 673.37
674.11 674.30
674.95 675.23
675.95 676.17
676.34 676.61
676.98 677.11
677.77 678.01
677.91 678.15
678.76 679.29
679.07 679.62
679.80 680.50
680.88 681.71
681.93 682.93
683.16 684.14
684.32 685.35
685.50 686.57
686.86 687.78
688.49 689.00
690.16 690.21
691.75 691.43
693.03 692.64
694.43 693.85
695.74 695.07
-0.02
0.06
0.05
0.00
0.00
0.07
0.19
0.28
0.21
0.27
0.14
0.24
0.24
0.53
0.55
0.70
0.83
1.00
0.98
1.04
1.07
0.92
0.51
0.05
-0.32
-0.39
-0.57
-0.68
L=45.49m
i=11.12%
L=41.33m
i=9.33%
R=1000.00m
L=28.07m
L=241.11m
i=12.14%
50.00
60.00
70.00
80.00
83.37
90.00
00.00
10.00
20.00
24.70
30.00
38.73
40.00
50.00
52.76
60.00
70.00
80.00
90.00
00.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
R=60.00m
α=19.42°
L=20.34m
Sw=0.86m
L=7.96m
L=12.82m
L=8.59m
R=50.00m
α=9.92°
L=8.66m
Sw=0.19m
L=4.43m
R=30.00m
α=30.17°
L=15.80m
Sw=1.03m
L=3.29m
R=50.00m
α=13.08°
L=11.42m
Sw=0.33m
L=18.10m
L=21.12m
L=7.37m
R=60.00m
α=13.97°
L=14.63m
Sw=0.45m
L=5.74m
L=23.69m
L=10.74m
R=60.00m
α=14.86°
L=15.56m
Sw=0.50m
L=21.38m
50.00
60.00
70.00
80.00
90.00
0+300
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
0+400
10.00
20.00
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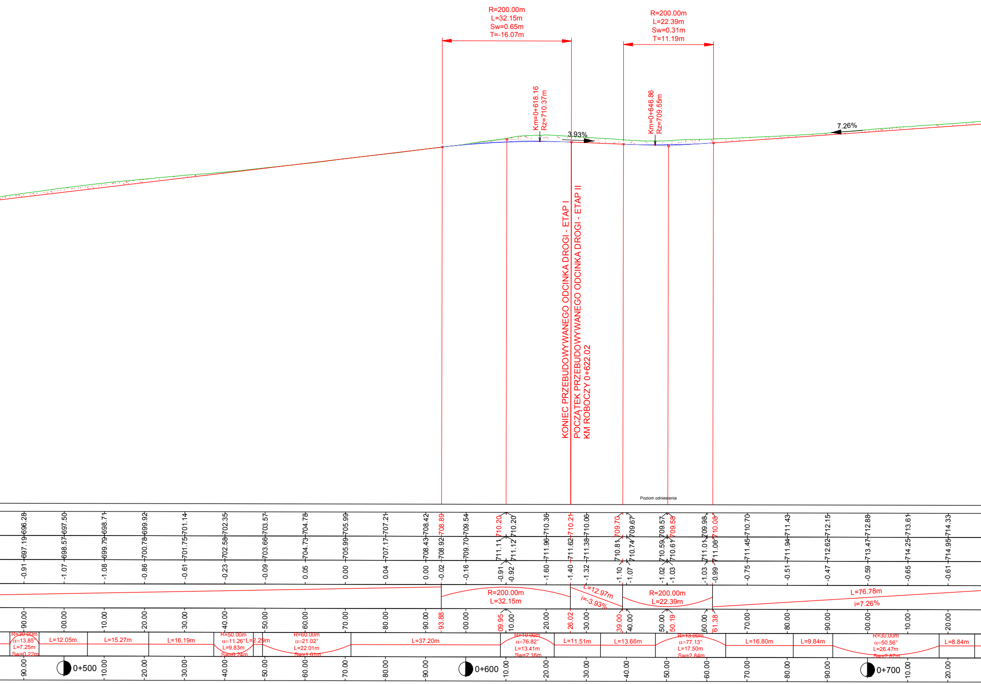
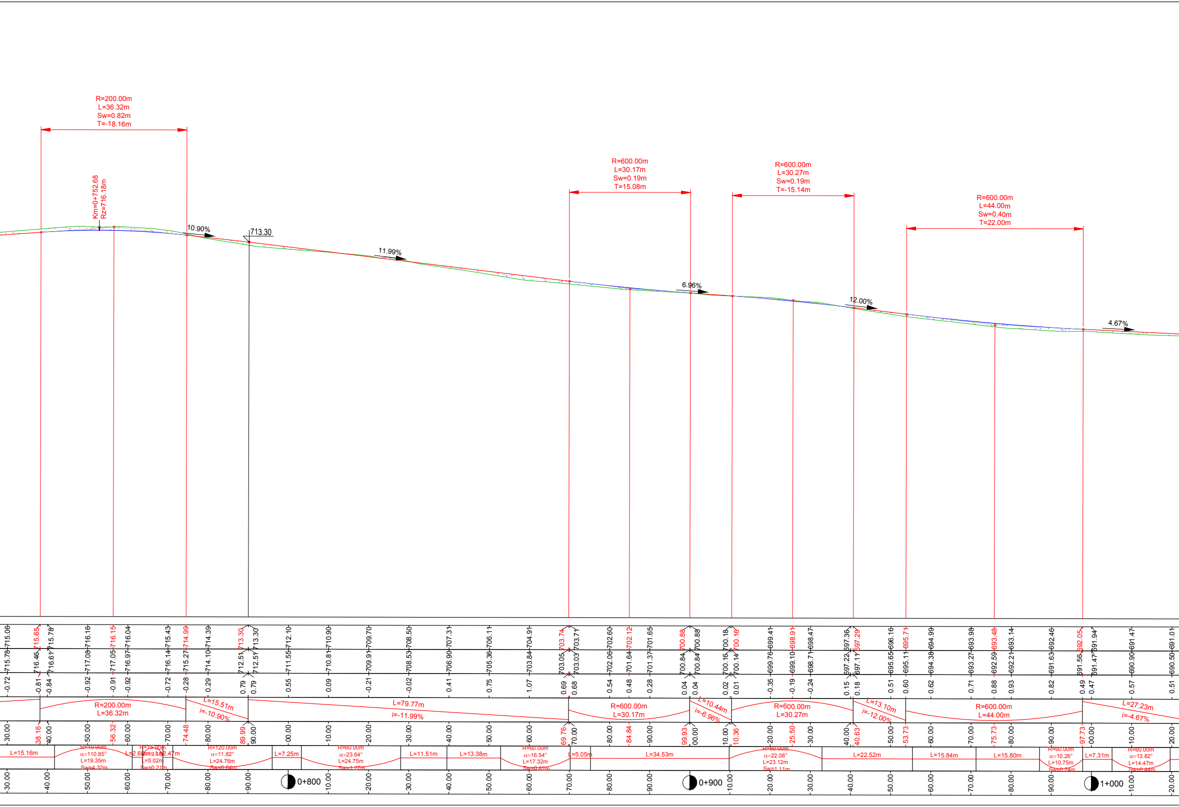
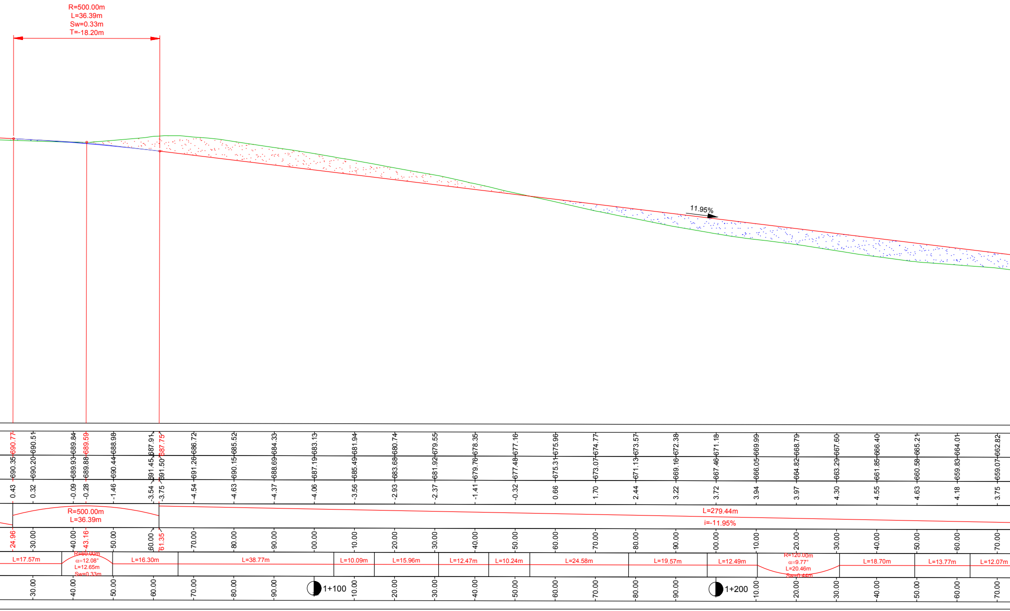
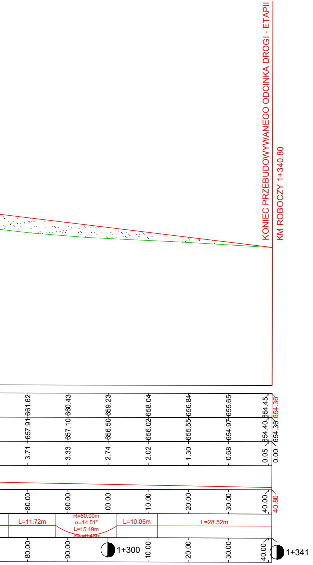
40.00
50.00
60.00
70.00
80.00


R=200.00m
L=32.15m
Sw=0.65m
T=-16.07m
R=200.00m
L=22.39m
Sw=0.31m
T=11.19m
Km=0+618.16
Rz=710.37m
3.93%
Km=0+646.86
Rz=709.55m
7.26%
KONIEC PRZEBUDOWYWANEGO ODCINKA DROGI - ETAP I
POCZĄTEK PRZEBUDOWYWANEGO ODCINKA DROGI - ETAP II
KM ROBOCZY 0+622.02
Poziom odniesienia
696.28
697.50
698.71
699.92
701.14
702.35
703.57
704.78
705.99
707.21
708.42
708.89
709.54
710.20
710.20
710.36
710.21
710.06
709.70
709.67
709.57
709.58
709.98
710.08
710.70
711.43
712.15
712.88
713.61
714.33
697.19
698.57
699.79
700.78
701.75
702.58
703.66
704.73
705.99
707.17
708.43
708.92
709.70
711.11
711.12
711.96
711.62
711.38
710.81
710.74
710.59
710.61
711.01
711.06
711.45
711.94
712.62
713.47
714.25
714.95
-0.91
-1.07
-1.08
-0.86
-0.61
-0.23
-0.09
0.05
0.00
0.04
0.00
-0.02
-0.16
-0.91
-0.92
-1.60
-1.40
-1.32
-1.10
-1.07
-1.02
-1.03
-1.03
-0.99
-0.75
-0.51
-0.47
-0.59
-0.65
-0.61
R=200.00m
L=32.15m
L=12.97m
i=-3.93%
R=200.00m
L=22.39m
L=76.78m
i=7.26%
90.00
00.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
93.88
00.00
09.95
10.00
20.00
26.02
30.00
39.00
40.00
50.00
50.19
60.00
61.38
70.00
80.00
90.00
00.00
10.00
20.00
R=30.00m
α=13.85°
L=7.25m
Sw=0.22m
L=12.05m
L=15.27m
L=16.19m
R=50.00m
α=11.26°
L=9.83m
Sw=0.24m
L=2.29m
R=60.00m
α=21.02°
L=22.01m
Sw=1.01m
L=37.20m
R=10.00m
α=76.82°
L=13.41m
Sw=2.16m
L=11.51m
L=13.66m
R=13.00m
α=77.13°
L=17.50m
Sw=2.84m
L=16.80m
L=9.84m
R=30.00m
α=50.56°
L=26.47m
Sw=2.87m
L=8.84m
90.00
0+500
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
0+600
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
0+700
10.00
20.00



R=200.00m
L=36.32m
Sw=0.82m
T=-18.16m
Km=0+752.68
Rz=716.18m
10.90%
713.30
11.99%
R=600.00m
L=30.17m
Sw=0.19m
T=15.08m
6.96%
R=600.00m
L=30.27m
Sw=0.19m
T=-15.14m
12.00%
R=600.00m
L=44.00m
Sw=0.40m
T=22.00m
4.67%
R=200.00m
L=36.32m
L=15.51m
i=-10.90%
L=79.77m
i=-11.99%
R=600.00m
L=30.17m
L=10.44m
i=-6.96%
R=600.00m
L=30.27m
L=13.10m
i=-12.00%
R=600.00m
L=44.00m
L=27.23m
i=-4.67%
L=15.16m
R=10.00m
α=110.85°
L=19.35m
Sw=4.32m
L=2.60m
L=12.47m
R=15.00m
L=5.02m
Sw=0.21m
R=120.00m
α=11.82°
L=24.76m
Sw=0.64m
L=7.25m
R=60.00m
α=23.64°
L=24.75m
Sw=1.27m
L=11.51m
L=13.38m
R=60.00m
α=16.54°
L=17.32m
Sw=0.62m
L=5.05m
L=34.53m
R=60.00m
α=22.08°
L=23.12m
Sw=1.11m
L=22.52m
L=15.84m
L=15.80m
R=60.00m
α=10.26°
L=10.75m
Sw=0.24m
L=7.31m
R=60.00m
α=13.82°
L=14.47m
Sw=0.44m
0+800
0+900
1+000


R=500.00m
L=36.39m
Sw=0.33m
T=-18.20m
11.95%
690.77 690.51 689.84 689.59 688.98 687.91 687.75 686.72 685.52 684.33 683.13 681.94 680.74 679.55 678.35 677.16 675.96 674.77 673.57 672.38 671.18 669.99 668.79 667.60 666.40 665.21 664.01 662.82
690.35 690.20 689.93 689.88 690.44 691.45 691.50 691.26 690.15 688.69 687.19 685.49 683.68 681.92 679.76 677.48 675.31 673.07 671.13 669.16 667.46 666.05 664.82 663.29 661.85 660.58 659.83 659.07
0.43 0.32 -0.09 -0.28 -1.46 -3.54 -3.75 -4.54 -4.63 -4.37 -4.06 -3.56 -2.93 -2.37 -1.41 -0.32 0.66 1.70 2.44 3.22 3.72 3.94 3.97 4.30 4.55 4.63 4.18 3.75
R=500.00m
L=36.39m
L=279.44m
i=-11.95%
24.96 30.00 40.00 43.16 50.00 60.00 61.35 70.00 80.00 90.00 00.00 10.00 20.00 30.00 40.00 50.00 60.00 70.00 80.00 90.00 00.00 10.00 20.00 30.00 40.00 50.00 60.00 70.00
L=17.57m
R=60.00m
α=12.08°
L=12.65m
Sw=0.33m
L=16.30m
L=38.77m
L=10.09m
L=15.96m
L=12.47m
L=10.24m
L=24.58m
L=19.57m
L=12.49m
R=120.00m
α=9.77°
L=20.46m
Sw=0.44m
L=18.70m
L=13.77m
L=12.07m
30.00 40.00 50.00 60.00 70.00 80.00 90.00 1+100 10.00 20.00 30.00 40.00 50.00 60.00 70.00 80.00 90.00 1+200 10.00 20.00 30.00 40.00 50.00 60.00 70.00



KONIEC PRZEBUDOWYWANEGO ODCINKA DROGI - ETAPII
KM ROBOCZY 1+340.80
661.62
660.43
659.23
658.04
656.84
655.65
654.45
654.36
657.91
657.10
656.50
656.02
655.55
654.97
654.40
654.36
3.71
3.33
2.74
2.02
1.30
0.68
0.05
0.00
80.00
90.00
00.00
10.00
20.00
30.00
40.00
40.80
L=11.72m
R=60.00m
α=14.51°
L=15.19m
Sw=0.48m
L=10.05m
L=28.52m
80.00
90.00
1+300
10.00
20.00
30.00
40.00
1+341

LEGENDA:

╱ - Teren istniejący w osi drogi leśnej

╱ - Projektowana niweleta w osi drogi leśnej

⌒ ◡ - Projektowana niweleta w osi drogi leśnej - łuk wklęsły lub wypukły

🟥 - Wykop

🟦 - Nasyp

temat:
PRZEBUDOWA DROGI LEŚNEJ
NR 0502 W LEŚNICTWIE SKALITE.

inwestor:
Państwowe Gospodarstwo Leśne
Lasy Państwowe, Nadleśnictwo Bielsko
43-382 Bielsko Biała, ul. Kopytko 13

treść:
PROFIL PODŁUŻNY
DROGI LEŚNEJ

jednostka projektowa:
USŁUGI PROJEKTOWE "PRO-ZAT"
mgr inż. Andrzej Zaniat
ul. Ogrodowa 35
43-360 Bystra

	podpis:	stadium:	skala:	nr rys.
projektował:		projekt techniczny	1:50/1:500	3.
mgr inż. Andrzej Zaniat				