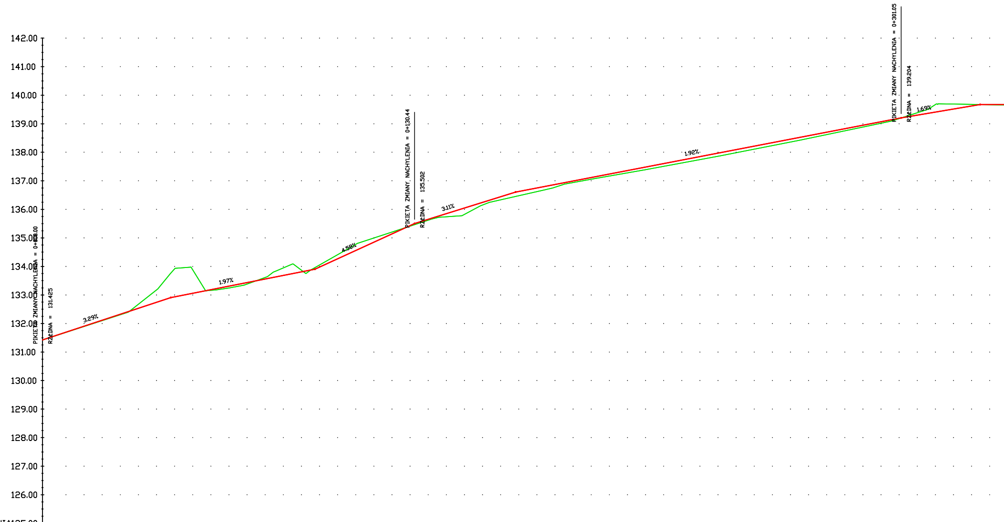


POZIOM ODNIESIENIA 125.00

Kilometraż	Odległości	Rzędne niwelety	Rzędne istniejące	Różnice rzędnych
0+000	00.00	131.42	131.42	0.00
	10.00	131.75	131.75	0.01
	20.00	132.08	132.07	0.01
	30.00	132.41	132.40	0.02
	40.00	132.74	133.18	-0.43
	50.00	133.01	133.96	-0.96
	60.00	133.20	133.17	0.03
	70.00	133.40	133.33	0.07
	80.00	133.60	133.73	-0.13
	90.00	133.79	133.93	-0.14
0+100	00.00	134.11	134.21	-0.11
	10.00	134.57	134.78	-0.22
	20.00	135.02	135.12	-0.10
	30.00	135.48	135.45	0.03
	40.00	135.80	135.73	0.07
	50.00	136.11	135.93	0.18
	60.00	136.42	136.32	0.10
	70.00	136.68	136.55	0.14
	80.00	136.88	136.79	0.09
	90.00	137.07	137.01	0.06
0+200	00.00	137.26	137.19	0.07
	10.00	137.45	137.37	0.09
	20.00	137.65	137.55	0.10
	30.00	137.84	137.73	0.10
	40.00	138.03	137.92	0.11
	50.00	138.22	138.12	0.10
	60.00	138.41	138.32	0.10
	70.00	138.61	138.52	0.09
	80.00	138.80	138.72	0.07
	90.00	138.99	138.93	0.06
0+300	00.00	139.18	139.17	0.01
	10.00	139.36	139.49	-0.14
	20.00	139.53	139.69	-0.17
	30.00	139.67	139.67	0.00

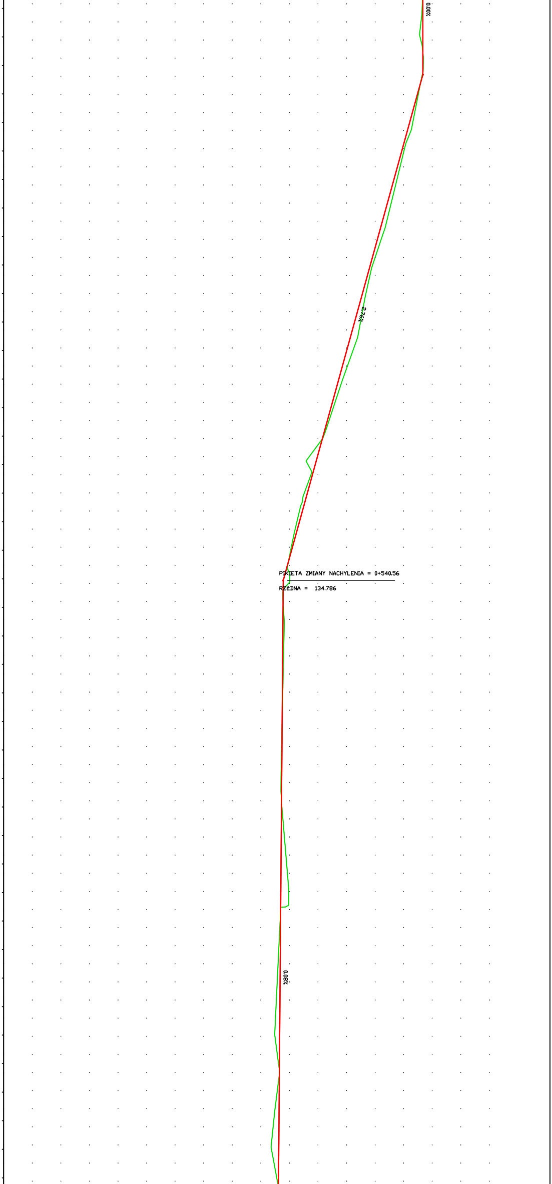
Elementy niwelety	
L=44.95m	i=3.29%
L=50.58m	i=1.97%
L=34.91m	i=4.58%
L=35.42m	i=3.11%
L=135.19m	i=1.92%
L=27.69m	i=1.69%

Elementy trasy	
PROSTA	L=30.15m
PROSTA	L=14.68m
PROSTA	L=7.03m
PROSTA	L=6.98m
PROSTA	L=6.42m
PROSTA	L=8.80m
PROSTA	L=7.89m
PROSTA	L=12.12m
PROSTA	L=15.20m
PROSTA	L=18.21m
PROSTA	L=47.84m
PROSTA	L=24.95m
PROSTA	L=11.30m
PROSTA	L=25.77m
PROSTA	L=28.20m
PROSTA	L=24.37m
PROSTA	L=7.73m
PROSTA	L=12.78m
PROSTA	L=9.79m
PROSTA	L=17.05m

	40.00	0.02	139.65	139.67
	50.00	0.10	139.57	139.67
	60.00	-0.02	139.69	139.67
	70.00	-0.03	139.52	139.49
	80.00	-0.11	139.32	139.21
	90.00	-0.08	139.01	138.94
0+400	00.00	-0.11	138.77	138.66
	10.00	-0.14	138.52	138.39
	20.00	-0.14	138.25	138.11
	30.00	-0.08	137.92	137.83
	40.00	-0.12	137.68	137.56
	50.00	-0.21	137.49	137.28
	60.00	-0.22	137.23	137.01
	70.00	-0.14	136.87	136.73
	80.00	-0.08	136.54	136.46
	90.00	-0.02	136.20	136.18
0+500	00.00	0.25	135.65	135.90
	10.00	0.11	135.52	135.63
	20.00	0.09	135.27	135.35
	30.00	0.03	135.05	135.08
	40.00	-0.21	135.02	134.80
	50.00	-0.01	134.79	134.78
	60.00	-0.04	134.81	134.77
	70.00	-0.03	134.79	134.76
	80.00	-0.01	134.77	134.76
	90.00	0.00	134.75	134.75
0+600	00.00	0.01	134.73	134.74
	10.00	0.02	134.71	134.73
	20.00	-0.01	134.74	134.72
	30.00	-0.11	134.82	134.72
	40.00	-0.20	134.91	134.71
	50.00	-0.28	134.98	134.70
	60.00	0.02	134.68	134.69
	70.00	0.06	134.63	134.68
	80.00	0.10	134.58	134.68
	90.00	0.14	134.53	134.67
0+700	00.00	0.17	134.49	134.66
	10.00	0.03	134.62	134.65
	20.00	0.07	134.57	134.64
	30.00	0.18	134.45	134.64
	40.00	0.25	134.37	134.63
	50.00	0.06	134.56	134.62

PROSTA L=14.25m
PROSTA L=13.05m
PROSTA L=19.26m
PROSTA L=5.30m
PROSTA L=16.05m
PROSTA L=11.82m
PROSTA L=3.60m
PROSTA L=10.33m
PROSTA L=10.27m
PROSTA L=14.01m
PROSTA L=15.14m
PROSTA L=20.17m
PROSTA L=20.57m
PROSTA L=12.75m
PROSTA L=8.35m
PROSTA L=13.30m
PROSTA L=62.55m
PROSTA L=46.90m
PROSTA L=71.73m
PROSTA L=26.34m

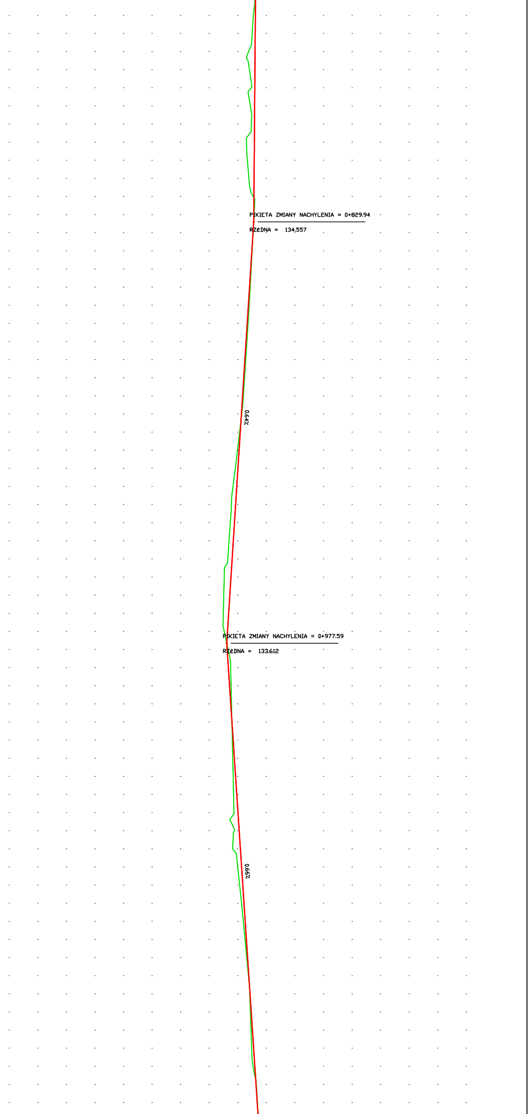
L=34.54m I=0.00%
L=177.28m I=-2.76%
L=289.37m I=-0.08%



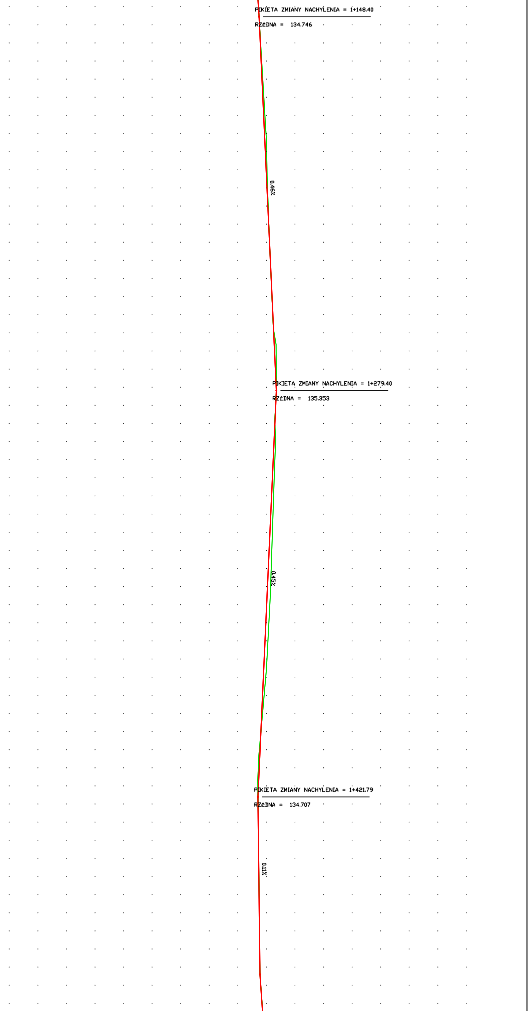
	60.00	0.09	134.53	134.61
	70.00	0.21	134.39	134.60
	80.00	0.14	134.46	134.60
	90.00	0.14	134.45	134.59
0+800	00.00	0.24	134.34	134.58
	10.00	0.22	134.35	134.57
	20.00	0.08	134.48	134.57
	30.00	0.00	134.56	134.56
	40.00	-0.01	134.50	134.49
	50.00	-0.02	134.45	134.43
	60.00	-0.03	134.39	134.36
	70.00	-0.03	134.33	134.30
	80.00	-0.03	134.27	134.24
	90.00	-0.03	134.20	134.17
0+900	00.00	0.00	134.11	134.11
	10.00	0.06	133.99	134.04
	20.00	0.12	133.87	133.98
	30.00	0.14	133.78	133.92
	40.00	0.15	133.71	133.85
	50.00	0.18	133.60	133.79
	60.00	0.21	133.51	133.72
	70.00	0.18	133.48	133.66
	80.00	-0.04	133.66	133.63
	90.00	-0.06	133.76	133.69
1+000	00.00	-0.02	133.78	133.76
	10.00	0.02	133.80	133.83
	20.00	0.07	133.83	133.89
	30.00	0.11	133.85	133.96
	40.00	0.28	133.75	134.03
	50.00	0.25	133.85	134.09
	60.00	0.12	134.04	134.16
	70.00	0.08	134.14	134.23
	80.00	0.05	134.24	134.29
	90.00	0.02	134.34	134.36
1+100	00.00	0.01	134.42	134.42
	10.00	0.04	134.45	134.49
	20.00	0.07	134.49	134.56
	30.00	0.00	134.62	134.62
	40.00	-0.01	134.70	134.69

PROSTA L=17.69m
PROSTA L=13.71m
PROSTA L=16.09m
PROSTA L=16.65m
PROSTA L=67.22m
PROSTA L=67.11m
PROSTA L=90.60m
PROSTA L=6.96m
PROSTA L=73.57m
PROSTA L=5.47m

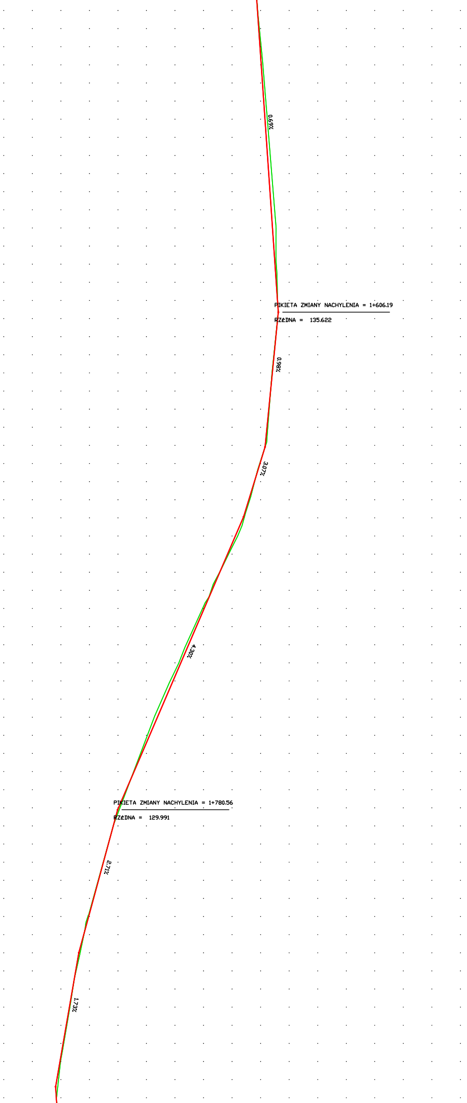
L=147.65m I=-0.64%
L=170.81m I=0.66%



	50.00	PROSTA L=75.93m	L=131.00m I=0.46%	0.00	134.76	134.75
	60.00			-0.02	134.81	134.80
	70.00			-0.03	134.87	134.85
	80.00			-0.04	134.93	134.89
	90.00			-0.06	134.99	134.94
1+200	00.00			-0.03	135.02	134.99
	10.00	PROSTA L=53.48m		-0.01	135.04	135.03
	20.00			0.00	135.08	135.08
	30.00			0.00	135.12	135.12
	40.00			0.00	135.17	135.17
	50.00			0.01	135.21	135.22
	60.00	PROSTA L=32.59m		-0.02	135.28	135.26
	70.00			-0.03	135.34	135.31
	80.00		L=142.39m I=-0.45%	0.00	135.35	135.35
	90.00	PROSTA L=58.40m		0.02	135.29	135.30
1+300	00.00			-0.05	135.31	135.26
	10.00			-0.06	135.27	135.21
	20.00			-0.07	135.24	135.17
	30.00			-0.09	135.21	135.12
	40.00			-0.10	135.18	135.08
	50.00	PROSTA L=58.87m		-0.11	135.14	135.03
	60.00			-0.11	135.09	134.99
	70.00			-0.10	135.04	134.94
	80.00			-0.08	134.98	134.90
	90.00			-0.04	134.89	134.85
1+400	00.00			0.00	134.80	134.81
	10.00	PROSTA L=47.51m		0.04	134.72	134.76
	20.00			0.01	134.70	134.72
	30.00		L=62.20m I=0.11%	0.00	134.72	134.72
	40.00			0.00	134.73	134.73
	50.00			0.00	134.74	134.74
	60.00	PROSTA L=62.93m		0.00	134.75	134.75
	70.00			0.00	134.76	134.76
	80.00			0.00	134.77	134.77
	90.00			0.00	134.82	134.82


PIKIETA ZMIANY NACHYLENIA = 1+148.40
RZĘDNA = 134.746
0.46%
PIKIETA ZMIANY NACHYLENIA = 1+279.40
RZĘDNA = 135.353
0.45%
PIKIETA ZMIANY NACHYLENIA = 1+421.79
RZĘDNA = 134.707
0.11%

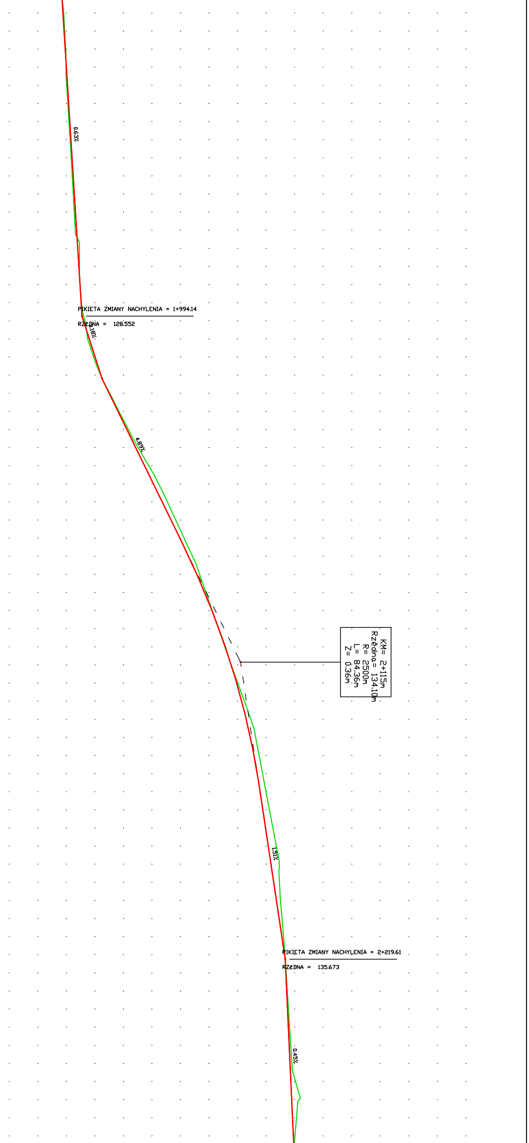
1+500	00.00		L=122.20m i=0.69%	-0.01	134.89	134.89
	10.00			-0.03	134.99	134.96
	20.00	PROSTA L=58.85m		-0.06	135.08	135.03
	30.00			-0.07	135.16	135.10
	40.00			-0.08	135.24	135.16
	50.00			-0.09	135.33	135.23
	60.00			-0.10	135.41	135.30
	70.00			-0.12	135.49	135.37
	80.00	PROSTA L=29.40m		-0.10	135.54	135.44
	90.00			-0.04	135.55	135.51
1+600	00.00			-0.01	135.59	135.58
	10.00	PROSTA L=44.06m	L=47.21m i=-0.98%	0.00	135.58	135.58
	20.00			0.01	135.48	135.49
	30.00			0.01	135.38	135.39
	40.00			-0.02	135.30	135.29
	50.00			-0.04	135.23	135.19
	60.00	PROSTA L=26.17m	L=24.48m i=-3.07%	0.01	134.95	134.95
	70.00			-0.03	134.68	134.65
	80.00	PROSTA L=14.31m	L=102.68m i=-4.30%	-0.07	134.38	134.31
	90.00			-0.04	133.93	133.88
1+700	00.00	PROSTA L=9.81m PROSTA L=8.13m		0.03	133.42	133.45
	10.00	PROSTA L=15.11m		0.06	132.97	133.02
	20.00			0.08	132.52	132.59
	30.00	PROSTA L=99.90m		0.07	132.09	132.16
	40.00			0.11	131.63	131.73
	50.00			0.10	131.20	131.30
	60.00			0.05	130.82	130.87
	70.00			0.00	130.45	130.44
	80.00			-0.05	130.07	130.01
	90.00		L=50.13m i=-2.71%	0.00	129.73	129.74
1+800	00.00			0.01	129.46	129.46
	10.00			0.01	129.18	129.19
	20.00			0.04	128.88	128.92
	30.00	PROSTA L=17.17m		-0.04	128.69	128.65
	40.00		L=46.96m i=-1.73%	0.00	128.47	128.47
	50.00	PROSTA L=23.43m		-0.02	128.32	128.30
	60.00			-0.02	128.14	128.12
	70.00			-0.02	127.97	127.95
	80.00			-0.04	127.87	127.83

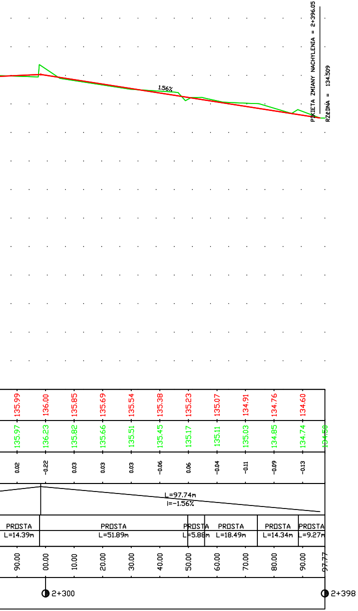


	90.00	-0.02	127.92	127.90
1+900	00.00	-0.02	127.97	127.96
	10.00	0.03	127.99	128.02
	20.00	0.03	128.06	128.08
	30.00	0.03	128.12	128.15
	40.00	0.03	128.18	128.21
	50.00	0.04	128.24	128.27
	60.00	0.05	128.29	128.34
	70.00	-0.06	128.46	128.40
	80.00	0.00	128.46	128.46
	90.00	-0.01	128.54	128.53
2+000	00.00	0.02	128.72	128.74
	10.00	0.05	129.01	129.06
	20.00	-0.02	129.46	129.44
	30.00	-0.04	129.97	129.93
	40.00	-0.09	130.50	130.42
	50.00	-0.18	131.09	130.91
	60.00	-0.18	131.58	131.39
	70.00	-0.15	132.04	131.88
	80.00	-0.14	132.50	132.36
	90.00	-0.05	132.85	132.80
2+100	00.00	0.00	133.20	133.21
	10.00	0.02	133.55	133.57
	20.00	-0.02	133.91	133.89
	30.00	-0.10	134.27	134.17
	40.00	-0.19	134.60	134.41
	50.00	-0.18	134.79	134.61
	60.00	-0.20	134.98	134.78
	70.00	-0.24	135.17	134.93
	80.00	-0.28	135.36	135.08
	90.00	-0.23	135.45	135.23
2+200	00.00	-0.14	135.51	135.38
	10.00	-0.07	135.60	135.53
	20.00	0.00	135.68	135.67
	30.00	-0.02	135.74	135.72
	40.00	-0.03	135.80	135.77
	50.00	-0.05	135.86	135.81
	60.00	-0.10	135.96	135.86
	70.00	-0.21	136.11	135.90
	80.00	-0.08	136.02	135.95

PROSTA L=66.04m
PROSTA L=36.48m
PROSTA L=9.66m
PROSTA L=20.50m
PROSTA L=19.17m
PROSTA L=8.94m
PROSTA L=8.01m
PROSTA L=10.06m
PROSTA L=14.03m
PROSTA L=23.55m
PROSTA L=49.18m
PROSTA L=57.40m
PROSTA L=96.23m

L=116.49m i=0.63%
L=21.93m i=3.18%
L=57.22m i=4.89%
R=2500.00m L=84.36m
L=61.96m i=1.51%
L=78.71m i=0.45%





MTBP USŁUGI PROJEKTOWE
Mariusz Tomczuk

ul. Wyszyńskiego 15/14
10-457 Olsztyn
tel. 608-350-336
biuro@mtbp.pl

INWESTOR	GMINA PIECKI ul.Zwycięstwa 34, 11-710 Piecki	DATA maj 2020
NAZWA ZADANIA	Budowa ścieżki pieszo-rowerowej Mrągowo-Piecki-Krutyń na terenie gminy Piecki	
PRZEDMIOT RYSUNKU:	PLAN SYTUACYJNY	SKALA 1:100/1:1000
RODZAJ OPRACOWANIA:	PROJEKT BUDOWALNY BRANŻA: DROGOWA	

PROJEKTOWAŁ:	mgr inż. RENATA KOZAK upr. w spec. drogowej bez ograniczeń	NR UPR. WAM/0128/POOD/10	PODPIS	NR RYS. 3.0
SPRAWDZIŁ:	mgr inż. MARIUSZ TOMCZUK upr. w spec. konstrukcyjnej bez ograniczeń	NR UPR. 43/02/OL	....	

DOKUMENT OBJĘTO OCHRONĄ NA PODSTAWIE USTAWY O PRAWACH AUTORSKICH
KOPIOWANIE I POWIELANIE W CZĘŚCI LUB W CAŁOŚCI BEZ ZGODY AUTORA ZABRONIONE