

B

ATELIÉR PROJEKTOVÁNÍ INŽENÝRSKÝCH STAVEB s.r.o.						
AKCE: KLADENSKÁ CYKLOSTEZKA PRAHA - HOSTIVICE - KYŠICE, 1. ETAPA				OHRADNÍ 24B PRAHA 4		
INVESTOR: STŘEDOČESKÝ KRAJ	HL.INŽ.PROJEKTU: Ing. Karel ČASLAVSKÝ 	ODP.PROJEKTANT: Ing. Karel ČASLAVSKÝ 	KONTROLOVAL: Ing. Karel NEJEDLÝ 	ZAK. ČÍSLO: 2738/02		
KRAJ: HL. M. PRAHA, STŘEDOČESKÝ KÚ: HOSTIVICE, LITOVICE, JENEČ				DATUM: ŘÍJEN 2012		
Č.OBJEKTU:	GEODETICKÉ PODKLADY VÝPOČTY TRAS			STUP.PROJ. PDPS	MĚŘITKO:	PŘÍLOHA: B.3

Ateliér projektování inženýrských staveb

140 00 Praha 4, Ohradní 24b

PROGRAMOVÝ SYSTÉM R O A D P A C - program RP12

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2004

Datum zadání:

25.1.2012

Datum výpočtu:

25. 1.2012

Akce: Kladenská cyklostezka - 1. etapa

Trasa: 1. etapa - 1. část

Systém úhlů: grady

Kontrolní opis vstupních údajů												
Typ	D1	D2	DL	R	A1(-L1)	A2(-L2)	IB1	Y1	X1	IB2	Y2	X2
1	.000	.000	.000	.000	.000	.000	1	752523.450	1043264.268	2	752503.082	1043228.036
3	.000	.000	.000	-150.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	2	752503.082	1043228.036	3	752488.812	1043160.945
3	.000	.000	.000	-350.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	3	752488.812	1043160.945	4	752485.701	1043127.568
3	.000	.000	.000	-75.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	4	752485.701	1043127.568	5	752487.224	1043096.588
3	.000	.000	.000	-22.500	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	5	752487.224	1043096.588	6	752523.077	1043086.094
3	.000	.000	.000	-150.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	6	752523.077	1043086.094	7	752621.098	1043070.032
3	.000	.000	.000	200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	7	752621.098	1043070.032	8	752732.488	1043021.212
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	8	752732.488	1043021.212	9	752925.468	1042932.794
3	.000	.000	.000	750.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	9	752925.468	1042932.794	10	753059.731	1042846.817
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	10	753059.731	1042846.817	11	753103.188	1042817.696
3	.000	.000	.000	-30.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	11	753103.188	1042817.696	12	753121.790	1042808.731
3	.000	.000	.000	-130.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	12	753121.790	1042808.731	13	753154.627	1042803.230
3	.000	.000	.000	-75.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	13	753154.627	1042803.230	14	753177.093	1042808.320
3	.000	.000	.000	-25.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	14	753177.093	1042808.320	15	753191.049	1042814.636
3	.000	.000	.000	25.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	15	753191.049	1042814.636	16	753215.913	1042819.571
3	.000	.000	.000	75.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	16	753215.913	1042819.571	17	753304.012	1042799.473
3	.000	.000	.000	-30.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	17	753304.012	1042799.473	18	753329.201	1042801.421
3	.000	.000	.000	-30.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	18	753329.201	1042801.421	19	753343.930	1042806.459
3	.000	.000	.000	40.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	19	753343.930	1042806.459	20	753364.273	1042807.905
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	20	753364.273	1042807.905	21	753502.678	1042822.477
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	21	753502.678	1042822.477	22	753584.433	1042831.682

3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	22	753584.433	1042831.682	23	753607.670	1042834.710
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	23	753607.670	1042834.710	24	753687.141	1042842.534
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	24	753687.141	1042842.534	25	753727.532	1042846.841
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	25	753727.532	1042846.841	26	753804.709	1042852.748
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	26	753804.709	1042852.748	27	753880.503	1042860.636
3	.000	.000	.000	-350.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	27	753880.503	1042860.636	28	753910.918	1042866.136
3	.000	.000	.000	250.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	28	753910.918	1042866.136	29	753941.720	1042869.832
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	29	753941.720	1042869.832	130	753960.823	1042871.771
3	.000	.000	.000	20.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	130	753960.823	1042871.771	131	753974.285	1042866.609
3	.000	.000	.000	-15.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	131	753974.285	1042866.609	132	754036.980	1042874.195
3	.000	.000	.000	8.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	132	754036.980	1042874.195	33	754057.505	1042850.929
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	33	754057.505	1042850.929	34	754071.357	1042838.779
3	.000	.000	.000	5.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	34	754071.357	1042838.779	35	754062.747	1042823.051
3	.000	.000	.000	-12.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	35	754062.747	1042823.051	36	754190.454	1042707.096
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	36	754190.454	1042707.096	37	754231.773	1042678.292
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	37	754231.773	1042678.292	38	754256.161	1042672.673
3	.000	.000	.000	50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	38	754256.161	1042672.673	39	754283.321	1042662.097
3	.000	.000	.000	-20.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	39	754283.321	1042662.097	40	754302.768	1042669.452
3	.000	.000	.000	20.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	40	754302.768	1042669.452	41	754363.012	1042662.834
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	41	754363.012	1042662.834	42	754408.345	1042668.007
3	.000	.000	.000	10.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	42	754408.345	1042668.007	43	754396.486	1042589.570
3	.000	.000	.000	-10.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	43	754396.486	1042589.570	44	754475.909	1042577.608
3	.000	.000	.000	-100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	44	754475.909	1042577.608	45	754583.403	1042580.589
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	45	754583.403	1042580.589	46	754603.913	1042581.435
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	46	754603.913	1042581.435	47	754741.825	1042585.600
3	.000	.000	.000	50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	47	754741.825	1042585.600	48	754856.148	1042567.482
3	.000	.000	.000	-8.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	48	754856.148	1042567.482	49	754860.079	1042590.398
3	.000	.000	.000	5.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	49	754860.079	1042590.398	50	754919.206	1042579.151
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	50	754919.206	1042579.151	51	754957.445	1042576.523
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	51	754957.445	1042576.523	52	755039.384	1042572.291
3	.000	.000	.000	-250.000	.000	.000	0	.000	.000	0	.000	.000

1	.000	.000	.000	.000	.000	.000	52	755039.384	1042572.291	53	755078.809	1042571.339
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	53	755078.809	1042571.339	54	755120.200	1042573.724
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	54	755120.200	1042573.724	55	755170.079	1042577.697
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	55	755170.079	1042577.697	56	755217.871	1042582.606
3	.000	.000	.000	-200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	56	755217.871	1042582.606	57	755272.591	1042592.956
3	.000	.000	.000	150.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	57	755272.591	1042592.956	58	755309.564	1042597.874
3	.000	.000	.000	-250.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	58	755309.564	1042597.874	59	755324.326	1042600.558
3	.000	.000	.000	250.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	59	755324.326	1042600.558	60	755375.079	1042607.115
3	.000	.000	.000	-100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	60	755375.079	1042607.115	61	755391.655	1042609.821
3	.000	.000	.000	25.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	61	755391.655	1042609.821	62	755416.040	1042600.418
3	.000	.000	.000	-50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	62	755416.040	1042600.418	63	755456.027	1042597.746
3	.000	.000	.000	50.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	63	755456.027	1042597.746	64	755477.628	1042583.429
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	64	755477.628	1042583.429	65	755496.495	1042571.608
3	.000	.000	.000	100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	65	755496.495	1042571.608	66	755516.689	1042549.830
3	.000	.000	.000	200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	66	755516.689	1042549.830	67	755603.804	1042417.882
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	67	755603.804	1042417.882	68	755649.010	1042349.660
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	68	755649.010	1042349.660	169	755671.889	1042315.923

* Vytvořen výstupní soubor Hlavní body směru s názvem ET1.SHB
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 1. část
 * Datum vzniku 25. 1.2012 programem RP12
 * Datum posl. zápisu 25. 1.2012 programem RP12
 * Soubor .SHB nového typu

Údaje o hlavních bodech směrového vedení trasy											
CB IND	STA	YH	XH	sigmah	R	YS	XS				
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat	
1 OT	.000000	752523.450	1043264.268	232.60304	.000	.000	.000				
0 tečna	18.698	.000	.000	.000000	.000	.000	.000	.000	.000	.000000	
2 TK	.018698	752514.287	1043247.969	232.60303	-150.000	752645.043	1043174.464				
1 kružnice	45.383	.000	.000	.000000	.000	752503.082	1043228.036	22.866	-1.733	-19.26120	
3 KT	.064081	752498.325	1043205.670	213.34183	.000	.000	.000				
0 tečna	25.291	.000	.000	.000000	.000	.000	.000	.000	.000	.000000	
4 TK	.089373	752493.063	1043180.932	213.34183	-350.000	752835.405	1043108.117				
2 kružnice	40.822	.000	.000	.000000	.000	752488.812	1043160.945	20.434	-.596	-7.42513	

5 KT	.130195	752486.916	1043140.599	205.91670	.000	.000	.000			
0 tečna	7.751	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
6 TK	.137946	752486.196	1043132.881	205.91670	-75.000	752560.873	1043125.921			
3 kružnice	10.655	.000	.000	.00000	.000	752485.701	1043127.568	5.336	-.190	-9.04386
7 KT	.148601	752485.963	1043122.238	196.87284	.000	.000	.000			
0 tečna	9.670	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
8 TK	.158271	752486.438	1043112.580	196.87284	-22.500	752508.911	1043113.684			
4 kružnice	27.831	.000	.000	.00000	.000	752487.224	1043096.588	16.011	-5.115	-78.74562
9 KT	.186102	752502.590	1043092.090	118.12722	.000	.000	.000			
0 tečna	12.161	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
10 TK	.198262	752514.261	1043088.674	118.12722	-150.000	752556.398	1043232.634			
5 kružnice	18.348	.000	.000	.00000	.000	752523.077	1043086.094	9.186	-.281	-7.78728
11 KT	.216611	752532.142	1043084.609	110.33994	.000	.000	.000			
0 tečna	64.946	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
12 TK	.281557	752596.233	1043074.106	110.33994	200.000	752563.892	1042876.739			
6 kružnice	50.129	.000	.000	.00000	.000	752621.098	1043070.032	25.197	1.581	15.95659
13 KT	.331686	752644.175	1043059.918	126.29652	.000	.000	.000			
0 tečna	96.422	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
14 TK	.428108	752732.488	1043021.212	126.29652	.010	752732.484	1043021.203			
7 kružnice	.000	.000	.000	.00000	.000	752732.488	1043021.212	.000	.000	1.05449
15 KT	.428108	752732.488	1043021.212	127.35102	.000	.000	.000			
0 tečna	159.707	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
16 TK	.587815	752877.681	1042954.689	127.35102	750.000	752565.281	1042272.848			
8 kružnice	104.956	.000	.000	.00000	.000	752925.468	1042932.794	52.564	1.840	8.90896
17 KT	.692772	752969.734	1042904.448	136.25997	.000	.000	.000			
0 tečna	101.665	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
18 TK	.794436	753055.349	1042849.623	136.25997	500.000	752785.714	1042428.557			
9 kružnice	10.406	.000	.000	.00000	.000	753059.731	1042846.817	5.203	.027	1.32498
19 KT	.804843	753064.054	1042843.920	137.58495	.000	.000	.000			
0 tečna	44.986	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
20 TK	.849828	753101.424	1042818.878	137.58495	-30.000	753118.125	1042843.800			
10 kružnice	4.239	.000	.000	.00000	.000	753103.188	1042817.696	2.123	-.075	-8.99478
21 KT	.854067	753105.100	1042816.774	128.59017	.000	.000	.000			
0 tečna	.001	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
22 TK	.854068	753105.101	1042816.774	128.59017	-130.000	753161.540	1042933.883			
11 kružnice	36.804	.000	.000	.00000	.000	753121.790	1042808.731	18.526	-1.313	-18.02336
23 KT	.890872	753140.061	1042805.670	110.56681	.000	.000	.000			
0 tečna	.003	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
24 TK	.890875	753140.064	1042805.670	110.56681	-75.000	753152.456	1042879.639			
12 kružnice	29.159	.000	.000	.00000	.000	753154.627	1042803.230	14.766	-1.440	-24.75090

25 KT	.920034	753169.028	1042806.493	85.81591	.000	.000	.000			
0 tečna	5.734	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
26 TK	.925767	753174.620	1042807.760	85.81591	-25.000	753169.096	1042832.142			
13 kružnice	5.055	.000	.000	.00000	.000	753177.093	1042808.320	2.536	-.128	-12.87130
27 KT	.930822	753179.403	1042809.366	72.94461	.000	.000	.000			
0 tečna	9.907	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
28 TK	.940729	753188.429	1042813.450	72.94461	25.000	753198.737	1042790.674			
14 kružnice	5.726	.000	.000	.00000	.000	753191.049	1042814.636	2.876	.165	14.58189
29 KT	.946455	753193.870	1042815.196	87.52649	.000	.000	.000			
0 tečna	6.479	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
30 TK	.952934	753200.225	1042816.457	87.52649	75.000	753214.826	1042742.892			
15 kružnice	31.517	.000	.000	.00000	.000	753215.913	1042819.571	15.994	1.687	26.75233
31 KT	.984451	753231.507	1042816.014	114.27883	.000	.000	.000			
0 tečna	69.811	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
32 TK	1.054262	753299.569	1042800.486	114.27883	-30.000	753306.242	1042829.735			
16 kružnice	9.044	.000	.000	.00000	.000	753304.012	1042799.473	4.557	-.344	-19.19237
33 KT	1.063306	753308.555	1042799.824	95.08646	.000	.000	.000			
0 tečna	16.901	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
34 TK	1.080208	753325.406	1042801.128	95.08646	-30.000	753323.093	1042831.038			
17 kružnice	7.572	.000	.000	.00000	.000	753329.201	1042801.421	3.806	-.240	-16.06764
35 KT	1.087779	753332.802	1042802.653	79.01882	.000	.000	.000			
0 tečna	6.559	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
36 TK	1.094339	753339.009	1042804.776	79.01882	40.000	753351.954	1042766.928			
18 kružnice	10.344	.000	.000	.00000	.000	753343.930	1042806.459	5.201	.337	16.46362
37 KT	1.104683	753349.118	1042806.828	95.48244	.000	.000	.000			
0 tečna	15.193	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
38 TK	1.119876	753364.273	1042807.905	95.48244	-.010	753364.272	1042807.915			
19 kružnice	.000	.000	.000	.00000	.000	753364.273	1042807.905	.000	.000	-2.16051
39 KT	1.119876	753364.273	1042807.905	93.32194	.000	.000	.000			
0 tečna	139.170	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
40 TK	1.259046	753502.678	1042822.477	93.32194	-.010	753502.677	1042822.487			
20 kružnice	.000	.000	.000	.00000	.000	753502.678	1042822.477	.000	.000	-.45974
41 KT	1.259046	753502.678	1042822.477	92.86220	.000	.000	.000			
0 tečna	77.907	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
42 TK	1.336953	753580.096	1042831.194	92.86220	-500.000	753524.153	1043328.054			
21 kružnice	8.729	.000	.000	.00000	.000	753584.433	1042831.682	4.365	-.019	-1.11147
43 KT	1.345682	753588.761	1042832.246	91.75073	.000	.000	.000			
0 tečna	11.207	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
44 TK	1.356889	753599.874	1042833.694	91.75073	500.000	753664.483	1042337.886			
22 kružnice	15.722	.000	.000	.00000	.000	753607.670	1042834.710	7.862	.062	2.00182

45 KT	1.372612	753615.494	1042835.480	93.75255	.000	.000	.000			
0 tečna	71.993	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
46 TK	1.444605	753687.141	1042842.534	93.75255	-.010	753687.140	1042842.544			
23 kružnice	.000	.000	.000	.00000	.000	753687.141	1042842.534	.000	.000	-.51544
47 KT	1.444605	753687.141	1042842.534	93.23711	.000	.000	.000			
0 tečna	33.159	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
48 TK	1.477764	753720.113	1042846.050	93.23711	500.000	753773.129	1042348.869			
24 kružnice	14.921	.000	.000	.00000	.000	753727.532	1042846.841	7.461	.056	1.89979
49 KT	1.492685	753734.971	1042847.410	95.13690	.000	.000	.000			
0 tečna	63.114	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
50 TK	1.555799	753797.901	1042852.227	95.13690	-500.000	753759.744	1043350.769			
25 kružnice	13.654	.000	.000	.00000	.000	753804.709	1042852.748	6.828	-.047	-1.73853
51 KT	1.569453	753811.500	1042853.455	93.39836	.000	.000	.000			
0 tečna	56.209	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
52 TK	1.625663	753867.407	1042859.273	93.39836	-350.000	753831.178	1043207.393			
26 kružnice	26.320	.000	.000	.00000	.000	753880.503	1042860.636	13.166	-.248	-4.78740
53 KT	1.651983	753893.459	1042862.979	88.61096	.000	.000	.000			
0 tečna	10.305	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
54 TK	1.662288	753903.600	1042864.813	88.61096	250.000	753948.086	1042618.803			
27 kružnice	14.869	.000	.000	.00000	.000	753910.918	1042866.136	7.437	.111	3.78644
55 KT	1.677157	753918.302	1042867.022	92.39741	.000	.000	.000			
0 tečna	23.586	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
56 TK	1.700743	753941.720	1042869.832	92.39741	.010	753941.721	1042869.822			
28 kružnice	.000	.000	.000	.00000	.000	753941.720	1042869.832	.000	.000	1.16281
57 KT	1.700744	753941.720	1042869.832	93.56021	.000	.000	.000			
0 tečna	14.441	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
58 TK	1.715185	753956.087	1042871.290	93.56021	20.000	753958.107	1042851.393			
29 kružnice	9.346	.000	.000	.00000	.000	753960.823	1042871.771	4.760	.559	29.75013
59 KT	1.724531	753965.268	1042870.067	123.31034	.000	.000	.000			
0 tečna	5.935	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
60 TK	1.730466	753970.809	1042867.942	123.31034	-15.000	753976.179	1042881.948			
30 kružnice	7.299	.000	.000	.00000	.000	753974.285	1042866.609	3.723	-.455	-30.97608
61 KT	1.737764	753977.981	1042867.056	92.33426	.000	.000	.000			
0 tečna	55.222	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
62 TK	1.792986	754032.803	1042873.690	92.33426	8.000	754033.764	1042865.748			
31 kružnice	7.747	.000	.000	.00000	.000	754036.980	1042874.195	4.207	1.039	61.64532
63 KT	1.800733	754039.763	1042871.040	153.97958	.000	.000	.000			
0 tečna	23.617	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
64 TK	1.824350	754055.387	1042853.330	153.97958	-50.000	754092.882	1042886.407			
32 kružnice	6.394	.000	.000	.00000	.000	754057.505	1042850.929	3.201	-.102	-8.14074

65 KT	1.830743	754059.912	1042848.818	145.83884	.000	.000	.000			
0 tečna	11.215	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
66 TK	1.841959	754068.343	1042841.422	145.83884	5.000	754065.046	1042837.664			
33 kružnice	6.758	.000	.000	.00000	.000	754071.357	1042838.779	4.009	1.409	86.04746
67 KT	1.848717	754069.432	1042835.263	231.88630	.000	.000	.000			
0 tečna	4.469	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
68 TK	1.853186	754067.286	1042831.343	231.88630	-12.000	754077.812	1042825.581			
34 kružnice	16.014	.000	.000	.00000	.000	754062.747	1042823.051	9.453	-3.276	-84.95439
69 KT	1.869199	754069.746	1042816.696	146.93191	.000	.000	.000			
0 tečna	159.827	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
70 TK	2.029027	754188.074	1042709.257	146.93191	-50.000	754221.685	1042746.275			
35 kružnice	6.421	.000	.000	.00000	.000	754190.454	1042707.096	3.215	-.103	-8.17542
71 KT	2.035447	754193.091	1042705.257	138.75649	.000	.000	.000			
0 tečna	37.476	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
72 TK	2.072924	754223.835	1042683.826	138.75649	-50.000	754252.428	1042724.843			
36 kružnice	19.117	.000	.000	.00000	.000	754231.773	1042678.292	9.677	-.928	-24.34034
73 KT	2.092041	754241.203	1042676.119	114.41615	.000	.000	.000			
0 tečna	11.722	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
74 TK	2.103763	754252.625	1042673.488	114.41615	50.000	754241.399	1042624.764			
37 kružnice	7.244	.000	.000	.00000	.000	754256.161	1042672.673	3.628	.131	9.22356
75 KT	2.111007	754259.542	1042671.356	123.63972	.000	.000	.000			
0 tečna	17.842	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
76 TK	2.128849	754276.168	1042664.882	123.63972	-20.000	754283.425	1042683.519			
38 kružnice	14.658	.000	.000	.00000	.000	754283.321	1042662.097	7.676	-1.422	-46.65860
77 KT	2.143507	754290.501	1042664.812	76.98112	.000	.000	.000			
0 tečna	8.317	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
78 TK	2.151824	754298.279	1042667.754	76.98112	20.000	754305.354	1042649.048			
39 kružnice	9.420	.000	.000	.00000	.000	754302.768	1042669.452	4.799	.568	29.98442
79 KT	2.161244	754307.538	1042668.928	106.96554	.000	.000	.000			
0 tečna	50.208	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
80 TK	2.211452	754357.446	1042663.445	106.96554	-50.000	754362.906	1042713.146			
40 kružnice	11.152	.000	.000	.00000	.000	754363.012	1042662.834	5.599	-.313	-14.19880
81 KT	2.222604	754368.575	1042663.469	92.76675	.000	.000	.000			
0 tečna	26.971	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
82 TK	2.249574	754395.372	1042666.527	92.76675	10.000	754396.505	1042656.591			
41 kružnice	18.345	.000	.000	.00000	.000	754408.345	1042668.007	13.058	6.447	116.78604
83 KT	2.267919	754406.393	1042655.096	209.55279	.000	.000	.000			
0 tečna	56.265	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
84 TK	2.324184	754397.982	1042599.463	209.55279	-10.000	754407.869	1042597.968			
42 kružnice	15.714	.000	.000	.00000	.000	754396.486	1042589.570	10.006	-4.146	-100.03611

85 KT	2.339898	754406.380	1042588.080	109.51668	.000	.000	.000			
0 tečna	61.429	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
86 TK	2.401327	754467.124	1042578.931	109.51668	-100.000	754482.017	1042677.816			
43 kružnice	17.721	.000	.000	.00000	.000	754475.909	1042577.608	8.884	-.394	-11.28169
87 KT	2.419048	754484.789	1042577.854	98.23499	.000	.000	.000			
0 tečna	98.651	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
88 TK	2.517700	754583.403	1042580.589	98.23499	-.010	754583.403	1042580.599			
44 kružnice	.000	.000	.000	.00000	.000	754583.403	1042580.589	.000	.000	-.85944
89 KT	2.517700	754583.403	1042580.589	97.37555	.000	.000	.000			
0 tečna	20.527	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
90 TK	2.538227	754603.913	1042581.435	97.37555	.010	754603.913	1042581.425			
45 kružnice	.000	.000	.000	.00000	.000	754603.913	1042581.435	.000	.000	.70242
91 KT	2.538227	754603.913	1042581.435	98.07796	.000	.000	.000			
0 tečna	133.277	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
92 TK	2.671504	754737.129	1042585.458	98.07796	50.000	754738.639	1042535.481			
46 kružnice	9.368	.000	.000	.00000	.000	754741.825	1042585.600	4.698	.220	11.92802
93 KT	2.680872	754746.465	1042584.865	110.00598	.000	.000	.000			
0 tečna	103.153	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
94 TK	2.784025	754848.346	1042568.718	110.00598	-8.000	754849.599	1042576.620			
47 kružnice	12.465	.000	.000	.00000	.000	754856.148	1042567.482	7.899	-3.242	-99.19070
95 KT	2.796490	754857.483	1042575.267	10.81528	.000	.000	.000			
0 tečna	10.261	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
96 TK	2.806751	754859.218	1042585.380	10.81528	5.000	754864.146	1042584.535			
48 kružnice	7.944	.000	.000	.00000	.000	754860.079	1042590.398	5.091	2.136	101.15139
97 KT	2.814695	754865.081	1042589.447	111.96667	.000	.000	.000			
0 tečna	52.109	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
98 TK	2.866804	754916.271	1042579.709	111.96667	-50.000	754925.615	1042628.829			
49 kružnice	5.968	.000	.000	.00000	.000	754919.206	1042579.151	2.987	-.089	-7.59833
99 KT	2.872771	754922.186	1042578.946	104.36834	.000	.000	.000			
0 tečna	35.342	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
100 TK	2.908113	754957.445	1042576.523	104.36834	-.010	754957.446	1042576.533			
50 kružnice	.000	.000	.000	.00000	.000	754957.445	1042576.523	.000	.000	-1.08324
101 KT	2.908113	754957.445	1042576.523	103.28510	.000	.000	.000			
0 tečna	78.615	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
102 TK	2.986729	755035.956	1042572.468	103.28510	-250.000	755048.851	1042822.135			
51 kružnice	6.865	.000	.000	.00000	.000	755039.384	1042572.291	3.433	-.024	-1.74815
103 KT	2.993594	755042.816	1042572.208	101.53695	.000	.000	.000			
0 tečna	33.960	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
104 TK	3.027554	755076.766	1042571.388	101.53695	-50.000	755077.973	1042621.374			
52 kružnice	4.085	.000	.000	.00000	.000	755078.809	1042571.339	2.044	-.042	-5.20118

105 KT	3.031639	755080.849	1042571.457	96.33577	.000	.000	.000			
0 tečna	39.416	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
106 TK	3.071055	755120.200	1042573.724	96.33577	-.010	755120.199	1042573.734			
53 kružnice	.000	.000	.000	.00000	.000	755120.200	1042573.724	.000	.000	-1.39594
107 KT	3.071055	755120.200	1042573.724	94.93983	.000	.000	.000			
0 tečna	50.037	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
108 TK	3.121092	755170.079	1042577.697	94.93983	-.010	755170.078	1042577.707			
54 kružnice	.000	.000	.000	.00000	.000	755170.079	1042577.697	.000	.000	-1.45608
109 KT	3.121092	755170.079	1042577.697	93.48375	.000	.000	.000			
0 tečna	39.580	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
110 TK	3.160672	755209.452	1042581.741	93.48375	-200.000	755189.017	1042780.694			
55 kružnice	16.916	.000	.000	.00000	.000	755217.871	1042582.606	8.463	-.179	-5.38449
111 KT	3.177588	755226.187	1042584.179	88.09926	.000	.000	.000			
0 tečna	43.124	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
112 TK	3.220712	755268.559	1042592.193	88.09926	150.000	755296.437	1042444.807			
56 kružnice	8.205	.000	.000	.00000	.000	755272.591	1042592.956	4.103	.056	3.48210
113 KT	3.228916	755276.658	1042593.497	91.58136	.000	.000	.000			
0 tečna	27.243	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
114 TK	3.256159	755303.663	1042597.089	91.58136	-250.000	755270.699	1042844.906			
57 kružnice	11.903	.000	.000	.00000	.000	755309.564	1042597.874	5.953	-.071	-3.03119
115 KT	3.268062	755315.421	1042598.939	88.55017	.000	.000	.000			
0 tečna	2.628	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
116 TK	3.270691	755318.007	1042599.409	88.55017	250.000	755362.728	1042353.442			
58 kružnice	12.843	.000	.000	.00000	.000	755324.326	1042600.558	6.423	.082	3.27037
117 KT	3.283534	755330.696	1042601.381	91.82054	.000	.000	.000			
0 tečna	43.085	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
118 TK	3.326619	755373.426	1042606.901	91.82054	-100.000	755360.613	1042706.077			
59 kružnice	3.334	.000	.000	.00000	.000	755375.079	1042607.115	1.667	-.014	-2.12236
119 KT	3.329952	755376.724	1042607.384	89.69818	.000	.000	.000			
0 tečna	8.346	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
120 TK	3.338298	755384.961	1042608.728	89.69818	25.000	755388.989	1042584.055			
60 kružnice	13.246	.000	.000	.00000	.000	755391.655	1042609.821	6.783	.904	33.73175
121 KT	3.351545	755397.983	1042607.381	123.42992	.000	.000	.000			
0 tečna	11.762	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
122 TK	3.363307	755408.958	1042603.149	123.42992	-50.000	755426.947	1042649.801			
61 kružnice	15.066	.000	.000	.00000	.000	755416.040	1042600.418	7.590	-.573	-19.18224
123 KT	3.378372	755423.613	1042599.912	104.24769	.000	.000	.000			
0 tečna	19.222	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
124 TK	3.397595	755442.793	1042598.630	104.24769	50.000	755439.459	1042548.742			
62 kružnice	25.930	.000	.000	.00000	.000	755456.027	1042597.746	13.263	1.729	33.01470

125 KT	3.423524	755467.083	1042590.418	137.26239	.000	.000	.000			
0 tečna	12.651	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
126 TK	3.436176	755477.628	1042583.429	137.26239	-.010	755477.633	1042583.437			
63 kružnice	.000	.000	.000	.00000	.000	755477.628	1042583.429	.000	.000	-1.63024
127 KT	3.436176	755477.628	1042583.429	135.63215	.000	.000	.000			
0 tečna	9.017	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
128 TK	3.445193	755485.269	1042578.641	135.63215	100.000	755432.175	1042493.900			
64 kružnice	26.341	.000	.000	.00000	.000	755496.495	1042571.608	13.247	.874	16.76927
129 KT	3.471534	755505.502	1042561.894	152.40142	.000	.000	.000			
0 tečna	.001	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
130 TK	3.471535	755505.503	1042561.894	152.40142	200.000	755358.849	1042425.906			
65 kružnice	32.830	.000	.000	.00000	.000	755516.689	1042549.830	16.452	.676	10.45004
131 KT	3.504364	755525.753	1042536.101	162.85146	.000	.000	.000			
0 tečna	141.660	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
132 TK	3.646024	755603.804	1042417.882	162.85146	-.010	755603.812	1042417.888			
66 kružnice	.000	.000	.000	.00000	.000	755603.804	1042417.882	.000	.000	-.10667
133 KT	3.646024	755603.804	1042417.882	162.74479	.000	.000	.000			
0 tečna	81.840	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
134 TK	3.727864	755649.010	1042349.660	162.74479	-.010	755649.018	1042349.666			
67 kružnice	.000	.000	.000	.00000	.000	755649.010	1042349.660	.000	.000	-.68197
135 KT	3.727865	755649.010	1042349.660	162.06283	.000	.000	.000			
0 tečna	40.763	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
136 TO	3.768628	755671.889	1042315.923	162.06283	.000	.000	.000			

čís.vrch.	Údaje o vrcholech tečnového polygonu trasy				
	YT	XT	T1	T2	alfat
0	752523.450	1043264.268	.000	.000	.00000
1	752503.082	1043228.036	22.866	22.866	-19.26121
2	752488.812	1043160.945	20.434	20.434	-7.42513
3	752485.701	1043127.568	5.336	5.336	-9.04386
4	752487.224	1043096.588	16.011	16.011	-78.74562
5	752523.077	1043086.094	9.186	9.186	-7.78728
6	752621.098	1043070.032	25.197	25.197	15.95659
7	752732.488	1043021.212	.000	.000	1.05449
8	752925.468	1042932.794	52.564	52.564	8.90896
9	753059.731	1042846.817	5.203	5.204	1.32498
10	753103.188	1042817.696	2.123	2.123	-8.99478
11	753121.790	1042808.731	18.526	18.526	-18.02336
12	753154.627	1042803.230	14.766	14.766	-24.75090
13	753177.093	1042808.320	2.536	2.536	-12.87130
14	753191.049	1042814.636	2.876	2.876	14.58189
15	753215.913	1042819.571	15.994	15.994	26.75233
16	753304.012	1042799.473	4.557	4.557	-19.19237
17	753329.201	1042801.421	3.806	3.806	-16.06764
18	753343.930	1042806.459	5.201	5.201	16.46362
19	753364.273	1042807.905	.000	.000	-2.16051
20	753502.678	1042822.477	.000	.000	-.45974

21	753584.433	1042831.682	4.365	4.365	-1.11147
22	753607.670	1042834.710	7.862	7.862	2.00182
23	753687.141	1042842.534	.000	.000	-.51544
24	753727.532	1042846.841	7.461	7.461	1.89979
25	753804.709	1042852.748	6.828	6.828	-1.73853
26	753880.503	1042860.636	13.166	13.166	-4.78740
27	753910.918	1042866.136	7.437	7.437	3.78644
28	753941.720	1042869.832	.000	.000	1.16281
29	753960.823	1042871.771	4.760	4.760	29.75013
30	753974.285	1042866.609	3.723	3.723	-30.97608
31	754036.980	1042874.195	4.207	4.207	61.64532
32	754057.505	1042850.929	3.201	3.201	-8.14074
33	754071.357	1042838.779	4.009	4.009	86.04746
34	754062.747	1042823.051	9.453	9.453	-84.95439
35	754190.454	1042707.096	3.215	3.215	-8.17542
36	754231.773	1042678.292	9.677	9.677	-24.34034
37	754256.161	1042672.673	3.628	3.628	9.22356
38	754283.321	1042662.097	7.676	7.676	-46.65860
39	754302.768	1042669.452	4.799	4.799	29.98442
40	754363.012	1042662.834	5.599	5.599	-14.19880
41	754408.345	1042668.007	13.058	13.058	116.78604
42	754396.486	1042589.570	10.006	10.006	299.96389
43	754475.909	1042577.608	8.884	8.884	-11.28169
44	754583.403	1042580.589	.000	.000	-.85944
45	754603.913	1042581.435	.000	.000	.70242
46	754741.825	1042585.600	4.698	4.698	11.92802
47	754856.148	1042567.482	7.899	7.899	-99.19070
48	754860.079	1042590.398	5.091	5.091	101.15139
49	754919.206	1042579.151	2.987	2.987	-7.59833
50	754957.445	1042576.523	.000	.000	-1.08324
51	755039.384	1042572.291	3.433	3.433	-1.74815
52	755078.809	1042571.339	2.044	2.044	-5.20118
53	755120.200	1042573.724	.000	.000	-1.39594
54	755170.079	1042577.697	.000	.000	-1.45608
55	755217.871	1042582.606	8.463	8.463	-5.38449
56	755272.591	1042592.956	4.103	4.103	3.48210
57	755309.564	1042597.874	5.953	5.953	-3.03119
58	755324.326	1042600.558	6.423	6.423	3.27037
59	755375.079	1042607.115	1.667	1.667	-2.12236
60	755391.655	1042609.821	6.783	6.783	33.73175
61	755416.040	1042600.418	7.590	7.590	-19.18224
62	755456.027	1042597.746	13.263	13.263	33.01470
63	755477.628	1042583.429	.000	.000	-1.63024
64	755496.495	1042571.608	13.247	13.247	16.76927
65	755516.689	1042549.830	16.452	16.452	10.45004
66	755603.805	1042417.880	.003	-.003	-.10667
67	755649.010	1042349.660	.000	.000	-.68197
68	755671.889	1042315.923	.000	.000	.00000

* Vytvořen výstupní soubor Staničení s názvem ET1.SSS
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 1. část
 * Datum vzniku 25. 1.2012 programem RP12
 * Datum posl. zápisu 25. 1.2012 programem RP12

Údaje o výpočtu mimolehlosti zadaných bodů

Číslo bodu stanič.	vzdálenost	souř.zadaného bodu	souř.patý kolmice na osu	směrník v patě
	D	Y1 X1	Y2 X2	SIG
1	.024520	.001 752511.533 1043242.840	752511.534 1043242.840	230.13250
2	.156805	.000 752486.366 1043114.044	752486.366 1043114.044	196.87284
3	1.669450	-.001 753910.665 1042865.986	753910.664 1042865.986	90.43462
4	1.690919	.000 753931.965 1042868.661	753931.965 1042868.661	92.39741
5	1.712801	.000 753953.716 1042871.050	753953.716 1042871.050	93.56021
6	1.796357	.000 754036.136 1042873.388	754036.136 1042873.388	119.16227
7	3.185842	.000 755234.297 1042585.713	755234.297 1042585.713	88.09926
8	3.405352	.000 755450.462 1042597.516	755450.462 1042597.516	114.12451

Konec bloku dat pro výpočet mimolehlostí

Údaje o podrobných bodech trasy						
WB	STA	Y	X	sig	R	
** OT	.000000	752523.450	1043264.268	232.60304	.000	
TK	.018698	752514.287	1043247.969	232.60304	.000	
**	.024520	752511.534	1043242.840	230.13223	-150.000	
**	.050000	752501.896	1043219.286	219.31818	-150.000	
KT	.064081	752498.325	1043205.670	213.34202	-150.000	
TK	.089373	752493.063	1043180.932	213.34183	-350.000	
**	.100000	752491.010	1043170.505	211.40885	-350.000	
KT	.130195	752486.916	1043140.599	205.91670	.000	
TK	.137946	752486.196	1043132.881	205.91670	.000	
KT	.148601	752485.963	1043122.238	196.87284	.000	
**	.150000	752486.032	1043120.840	196.87284	.000	
**	.156805	752486.366	1043114.044	196.87284	.000	
TK	.158271	752486.438	1043112.580	196.87284	-22.500	
KT	.186102	752502.590	1043092.090	118.12722	.000	
TK	.198262	752514.261	1043088.674	118.12722	.000	
**	.200000	752515.932	1043088.196	117.38978	-150.000	
KT	.216611	752532.142	1043084.609	110.33994	.000	
**	.250000	752565.092	1043079.209	110.33994	.000	
TK	.281557	752596.233	1043074.106	110.33994	200.000	
**	.300000	752614.270	1043070.290	116.21058	200.000	
KT	.331686	752644.175	1043059.918	126.29652	.000	
**	.350000	752660.949	1043052.566	126.29652	.000	
**	.400000	752706.744	1043032.495	126.29652	.000	
KK	.428108	752732.488	1043021.212	126.29652	.000	
**	.450000	752752.390	1043012.093	127.35102	.000	
**	.500000	752797.846	1042991.267	127.35102	.000	
**	.550000	752843.302	1042970.440	127.35102	.000	
TK	.587815	752877.681	1042954.689	127.35102	.000	
**	.600000	752888.717	1042949.524	128.38528	750.000	
**	.650000	752933.077	1042926.474	132.62942	750.000	
KT	.692772	752969.734	1042904.448	136.25997	.000	
**	.700000	752975.821	1042900.550	136.25997	.000	
**	.750000	753017.928	1042873.586	136.25997	.000	
TK	.794436	753055.349	1042849.623	136.25997	.000	
**	.800000	753060.018	1042846.597	136.96836	500.000	
KT	.804843	753064.054	1042843.920	137.58495	.000	
TK	.849828	753101.424	1042818.878	137.58495	.000	
**	.850000	753101.567	1042818.783	137.22098	-30.000	
KT	.854067	753105.100	1042816.774	128.59054	-30.000	
TK	.854068	753105.101	1042816.774	128.59017	-130.000	
KT	.890872	753140.061	1042805.670	110.56688	-130.000	
TK	.890875	753140.064	1042805.670	110.56681	-75.000	
**	.900000	753149.133	1042804.713	102.82102	-75.000	
KT	.920034	753169.028	1042806.493	85.81591	.000	

TK	.925767	753174.620	1042807.760	85.81591	.000
KT	.930822	753179.403	1042809.366	72.94461	.000
TK	.940729	753188.429	1042813.450	72.94461	25.000
KT	.946455	753193.870	1042815.196	87.52634	25.000
**	.950000	753197.347	1042815.886	87.52649	.000
TK	.952934	753200.225	1042816.457	87.52649	75.000
KT	.984451	753231.507	1042816.014	114.27883	.000
**	1.000000	753246.667	1042812.555	114.27883	.000
**	1.050000	753295.414	1042801.434	114.27883	.000
TK	1.054262	753299.569	1042800.486	114.27883	-30.000
KT	1.063306	753308.555	1042799.824	95.08677	-30.000
TK	1.080208	753325.406	1042801.128	95.08646	-30.000
KT	1.087779	753332.802	1042802.653	79.01950	-30.000
TK	1.094339	753339.009	1042804.776	79.01882	40.000
**	1.100000	753344.477	1042806.223	88.02887	40.000
KT	1.104683	753349.118	1042806.828	95.48210	40.000
KK	1.119876	753364.273	1042807.905	95.48244	.000
**	1.150000	753394.231	1042811.059	93.32194	.000
**	1.200000	753443.956	1042816.294	93.32194	.000
**	1.250000	753493.681	1042821.530	93.32194	.000
KK	1.259046	753502.678	1042822.477	93.32194	.000
**	1.300000	753543.375	1042827.059	92.86220	.000
TK	1.336953	753580.096	1042831.194	92.86220	.000
KT	1.345682	753588.761	1042832.246	91.75079	-500.000
**	1.350000	753593.043	1042832.804	91.75073	.000
TK	1.356889	753599.874	1042833.694	91.75073	.000
KT	1.372612	753615.494	1042835.480	93.75254	.000
**	1.400000	753642.751	1042838.164	93.75254	.000
KK	1.444605	753687.141	1042842.534	93.75254	-.010
**	1.450000	753692.506	1042843.106	93.23711	.000
TK	1.477764	753720.113	1042846.050	93.23711	.000
KT	1.492685	753734.971	1042847.410	95.13690	.000
**	1.500000	753742.265	1042847.969	95.13690	.000
**	1.550000	753792.119	1042851.784	95.13690	.000
TK	1.555799	753797.901	1042852.227	95.13690	.000
KT	1.569453	753811.500	1042853.455	93.39842	-500.000
**	1.600000	753841.882	1042856.617	93.39836	.000
TK	1.625663	753867.407	1042859.273	93.39836	-350.000
**	1.650000	753891.507	1042862.632	88.97165	-350.000
KT	1.651983	753893.459	1042862.979	88.61096	.000
TK	1.662288	753903.600	1042864.813	88.61096	.000
**	1.669450	753910.665	1042865.986	90.43471	250.000
KT	1.677157	753918.301	1042867.022	92.39728	250.000
**	1.690919	753931.965	1042868.662	92.39741	.000
**	1.700000	753940.982	1042869.743	92.39741	.000
KK	1.700743	753941.719	1042869.832	92.39741	.000
**	1.712801	753953.716	1042871.050	93.56021	.000
TK	1.715185	753956.087	1042871.290	93.56021	20.000
KT	1.724531	753965.268	1042870.067	123.31034	.000
TK	1.730466	753970.809	1042867.942	123.31034	-15.000
KT	1.737764	753977.981	1042867.056	92.33490	-15.000
**	1.750000	753990.128	1042868.526	92.33426	.000
TK	1.792986	754032.803	1042873.690	92.33426	.000
**	1.796357	754036.136	1042873.388	119.15894	8.000
**	1.800000	754039.254	1042871.566	148.14901	8.000
KT	1.800733	754039.763	1042871.040	153.97958	.000
TK	1.824350	754055.387	1042853.330	153.97958	-50.000
KT	1.830743	754059.911	1042848.818	145.83936	-50.000
TK	1.841959	754068.343	1042841.422	145.83884	5.000
KT	1.848717	754069.432	1042835.263	231.88561	5.000
**	1.850000	754068.816	1042834.137	231.88630	.000

TK	1.853186	754067.286	1042831.343	231.88630	-12.000
KT	1.869199	754069.745	1042816.697	146.93283	-12.000
**	1.900000	754092.549	1042795.991	146.93191	.000
**	1.950000	754129.567	1042762.380	146.93191	.000
**	2.000000	754166.584	1042728.769	146.93191	.000
TK	2.029027	754188.074	1042709.257	146.93191	-50.000
KT	2.035447	754193.091	1042705.258	138.75712	-50.000
**	2.050000	754205.029	1042696.935	138.75649	.000
TK	2.072924	754223.835	1042683.826	138.75649	-50.000
KT	2.092041	754241.203	1042676.119	114.41615	.000
**	2.100000	754248.959	1042674.332	114.41615	.000
TK	2.103763	754252.625	1042673.488	114.41615	50.000
KT	2.111007	754259.542	1042671.356	123.63972	.000
TK	2.128849	754276.168	1042664.882	123.63972	.000
KT	2.143507	754290.500	1042664.812	76.98219	-20.000
**	2.150000	754296.573	1042667.109	76.98112	.000
TK	2.151824	754298.279	1042667.754	76.98112	20.000
KT	2.161244	754307.538	1042668.928	106.96554	.000
**	2.200000	754346.063	1042664.696	106.96554	.000
TK	2.211452	754357.446	1042663.445	106.96554	.000
KT	2.222604	754368.575	1042663.469	92.76674	.000
TK	2.249574	754395.371	1042666.527	92.76674	.000
**	2.250000	754395.795	1042666.566	95.47641	10.000
KT	2.267919	754406.393	1042655.096	209.55231	10.000
**	2.300000	754401.597	1042623.376	209.55279	.000
TK	2.324184	754397.982	1042599.463	209.55279	.000
KT	2.339898	754406.380	1042588.080	109.51668	.000
**	2.350000	754416.370	1042586.575	109.51668	.000
**	2.400000	754465.812	1042579.129	109.51668	.000
TK	2.401327	754467.124	1042578.931	109.51668	.000
KT	2.419048	754484.789	1042577.854	98.23519	-100.000
**	2.450000	754515.729	1042578.712	98.23499	.000
**	2.500000	754565.710	1042580.098	98.23499	.000
KK	2.517700	754583.403	1042580.589	97.37555	.000
KK	2.538227	754603.913	1042581.435	97.37555	.000
**	2.550000	754615.680	1042581.790	98.07796	.000
**	2.600000	754665.658	1042583.300	98.07796	.000
**	2.650000	754715.635	1042584.809	98.07796	.000
TK	2.671504	754737.129	1042585.458	98.07796	.000
KT	2.680872	754746.465	1042584.865	110.00540	50.000
**	2.700000	754765.357	1042581.871	110.00598	.000
**	2.750000	754814.740	1042574.044	110.00598	.000
TK	2.784025	754848.346	1042568.718	110.00598	.000
KT	2.796490	754857.483	1042575.267	10.81593	-8.000
**	2.800000	754858.077	1042578.727	10.81528	.000
TK	2.806751	754859.218	1042585.380	10.81528	5.000
KT	2.814695	754865.081	1042589.447	111.96654	5.000
**	2.850000	754899.764	1042582.849	111.96667	.000
TK	2.866804	754916.271	1042579.709	111.96667	-50.000
KT	2.872771	754922.186	1042578.946	104.36865	-50.000
**	2.900000	754949.351	1042577.079	104.36834	.000
KK	2.908113	754957.445	1042576.523	104.36834	-.010
**	2.950000	754999.276	1042574.362	103.28510	.000
TK	2.986729	755035.956	1042572.468	103.28510	-250.000
KT	2.993594	755042.816	1042572.208	101.53695	.000
**	3.000000	755049.220	1042572.053	101.53695	.000
TK	3.027554	755076.766	1042571.388	101.53695	-50.000
KT	3.031639	755080.849	1042571.457	96.33577	.000
**	3.050000	755099.180	1042572.513	96.33577	.000
KK	3.071055	755120.200	1042573.724	94.93983	.000
**	3.100000	755149.054	1042576.022	94.93983	.000

KK	3.121092	755170.079	1042577.697	93.48375	.000	
**	3.150000	755198.836	1042580.651	93.48375	.000	
TK	3.160672	755209.452	1042581.741	93.48375	.000	
KT	3.177588	755226.187	1042584.179	88.09927	-200.000	
**	3.185842	755234.297	1042585.713	88.09926	.000	
**	3.200000	755248.208	1042588.344	88.09926	.000	
TK	3.220712	755268.559	1042592.193	88.09926	150.000	
KT	3.228916	755276.658	1042593.497	91.58115	150.000	
**	3.250000	755297.558	1042596.277	91.58136	.000	
TK	3.256159	755303.663	1042597.089	91.58136	.000	
KT	3.268062	755315.420	1042598.939	88.55029	-250.000	
TK	3.270691	755318.007	1042599.409	88.55017	250.000	
KT	3.283534	755330.696	1042601.381	91.82054	.000	
**	3.300000	755347.027	1042603.491	91.82054	.000	
TK	3.326619	755373.426	1042606.901	91.82054	-100.000	
KT	3.329952	755376.724	1042607.384	89.69841	-100.000	
TK	3.338298	755384.961	1042608.728	89.69818	.000	
**	3.350000	755396.526	1042607.892	119.49687	25.000	
KT	3.351545	755397.983	1042607.381	123.42992	.000	
TK	3.363307	755408.958	1042603.149	123.42992	-50.000	
KT	3.378372	755423.613	1042599.912	104.24809	-50.000	
TK	3.397595	755442.793	1042598.630	104.24769	50.000	
**	3.400000	755445.188	1042598.412	107.31022	50.000	
**	3.405352	755450.462	1042597.516	114.12460	50.000	
KT	3.423524	755467.082	1042590.419	137.26191	50.000	
KK	3.436176	755477.628	1042583.429	135.63215	.000	
TK	3.445193	755485.269	1042578.641	135.63215	100.000	
**	3.450000	755489.280	1042575.992	138.69247	100.000	
KT	3.471534	755505.502	1042561.894	152.40142	.000	
TK	3.471535	755505.503	1042561.894	152.40142	200.000	
**	3.500000	755523.309	1042539.716	161.46221	200.000	
KT	3.504364	755525.753	1042536.101	162.85131	200.000	
**	3.550000	755550.897	1042498.017	162.85146	.000	
**	3.600000	755578.446	1042456.290	162.85146	.000	
KK	3.646024	755603.804	1042417.882	162.85146	.000	
**	3.650000	755606.000	1042414.568	162.74479	.000	
**	3.700000	755633.618	1042372.888	162.74479	.000	
KK	3.727864	755649.010	1042349.660	162.74479	.000	
**	3.750000	755661.434	1042331.340	162.06283	.000	
**	TO	3.768628	755671.889	1042315.923	162.06283	.000

*** VÝPOČET UKONČEN ***

Doporučujeme prověřit výsledky

NIVELETA ZADANÁ TEČNAMI

Verze: 2004

Datum zadání:

25.1.2012

Datum výpočtu:

25. 1.2012

Akce: Kladenská cyklostezka - 1. etapa

Trasa: 1. etapa - 1. část

* Použit vstupní soubor Niveleta s názvem ET1.SNI
* Akce:
* Trasa:
* Datum vzniku 08.07.2010 programem HNIV21
* Datum posl. zápisu 25.01.2012 programem HNIV21
* Soubor .SNI nového typu

P R O T O K O L O N I V E L E T Ě

číslo vrch.	staničení vrcholu	výška vrcholu	typ obl.	poloměr m	tečna m	vzepětí m	spád %	délka m	mezipřímá m
1	.000000	343.190	0	.000	.000	.000	-2.800	180.000	160.003
2	.180000	338.150	3	1200.000	19.997	.167	.533	122.000	67.484
3	.302000	338.800	3	4000.000	34.519	.149	-1.193	88.000	41.444
4	.390000	337.750	3	1500.000	12.037	.048	.412	85.000	53.661
5	.475000	338.100	3	3000.000	19.301	.062	-.875	40.000	6.962
6	.515000	337.750	3	1500.000	13.736	.063	.957	115.000	65.870
7	.630000	338.850	3	2500.000	35.394	.251	-1.875	80.000	44.606
8	.710000	337.350	9	.000	.000	.000	-.878	205.000	205.000
9	.915000	335.550	9	.000	.000	.000	.000	122.500	111.815
10	1.037500	335.550	3	500.000	10.685	.114	4.274	18.250	5.875
11	1.055750	336.330	3	50.000	1.690	.029	-2.486	9.250	3.507
12	1.065000	336.100	3	200.000	4.053	.041	1.567	30.000	18.974
13	1.095000	336.570	3	1250.000	6.973	.019	2.682	85.000	78.027
14	1.180000	338.850	9	.000	.000	.000	1.903	155.000	120.755
15	1.335000	341.800	3	2500.000	34.245	.235	4.643	70.000	21.000
16	1.405000	345.050	3	750.000	14.754	.145	.708	120.000	90.679
17	1.525000	345.900	3	800.000	14.567	.133	-2.933	37.500	4.768
18	1.562500	344.800	3	850.000	18.165	.194	1.341	89.500	58.179

19	1.652000	346.000	3	500.000	13.156	.173			
							-3.921	20.018	5.397
20	1.672018	345.215	3	100.000	1.465	.011			
							-6.851	10.684	2.694
21	1.682702	344.483	3	100.000	6.525	.213			
							6.199	15.954	6.685
22	1.698656	345.472	3	200.000	2.743	.019			
							3.456	92.980	84.347
23	1.791636	348.685	3	200.000	5.889	.087			
							-2.434	104.536	98.647
24	1.896172	346.141	9	.000	.000	.000			
							2.356	163.496	163.496
25	2.059668	349.993	9	.000	.000	.000			
							.076	66.926	66.926
26	2.126594	350.044	9	.000	.000	.000			
							2.328	85.112	85.112
27	2.211706	352.025	9	.000	.000	.000			
							.000	72.764	72.764
28	2.284470	352.025	9	.000	.000	.000			
							-3.090	51.171	51.171
29	2.335641	350.444	9	.000	.000	.000			
							1.353	37.190	37.190
30	2.372831	350.947	9	.000	.000	.000			
							-.077	93.065	93.065
31	2.465896	350.875	9	.000	.000	.000			
							-.726	71.764	49.639
32	2.537660	350.354	3	1000.000	22.125	.245			
							3.699	114.625	37.916
33	2.652285	354.594	3	3200.000	54.584	.466			
							.288	143.652	89.068
34	2.795937	355.007	9	.000	.000	.000			
							.043	83.004	83.004
35	2.878941	355.043	9	.000	.000	.000			
							-3.508	28.679	28.679
36	2.907620	354.037	9	.000	.000	.000			
							.000	142.832	142.832
37	3.050452	354.037	9	.000	.000	.000			
							-2.576	17.427	17.427
38	3.067879	353.588	9	.000	.000	.000			
							2.351	44.321	44.321
39	3.112200	354.630	9	.000	.000	.000			
							-4.469	55.875	55.875
40	3.168075	352.133	9	.000	.000	.000			
							-1.900	20.841	20.841
41	3.188916	351.737	9	.000	.000	.000			
							-2.917	20.122	20.122
42	3.209038	351.150	9	.000	.000	.000			
							-2.146	76.895	76.895
43	3.285933	349.500	9	.000	.000	.000			
							-2.654	67.824	49.573
44	3.353757	347.700	3	1500.000	18.251	.111			
							-.221	51.243	32.992
45	3.405000	347.587	9	.000	.000	.000			
							.000	363.628	363.628
46	3.768628	347.587	0	.000	.000	.000			

* Použit vstupní soubor Staničení s názvem ET1.SSS
* Akce: Kladenská cyklostezka - 1. etapa
* Trasa: 1. etapa - 1. část
* Datum vzniku 25. 1.2012 programem RP31
* Datum posl. zápisu 25. 1.2012 programem RP31

* Vytvořen výstupní soubor Staničení s názvem ET1.SSS
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 1. část
 * Datum vzniku 25. 1.2012 programem RP31
 * Datum posl. zápisu 25. 1.2012 programem RP31

V Ý P O Č E T V Ý Š E K V P O D R O B N Ý C H B O D E C H

Staničení	označení	výška	spád
.000000	** OT V	343.190	-2.800
.018698	TK	342.666	-2.800
.024520	**	342.503	-2.800
.050000	**	341.790	-2.800
.064081	KT	341.396	-2.800
.089373	TK	340.688	-2.800
.100000	**	340.390	-2.800
.130195	KT	339.545	-2.800
.137946	TK	339.328	-2.800
.148601	KT	339.029	-2.800
.150000	**	338.990	-2.800
.156805	**	338.799	-2.800
.158271	TK	338.758	-2.800
.160003	ZZ	338.710	-2.800
.180000	V	338.317	-1.134
.186102	KT	338.263	-.625
.193603	VZ	338.240	.000
.198262	TK	338.249	.388
.199997	KZ	338.257	.533
.200000	**	338.257	.533
.216611	KT	338.345	.533
.250000	**	338.523	.533
.267481	ZZ	338.616	.533
.281557	TK	338.666	.181
.288792	VZ	338.673	.000
.300000	**	338.657	-.280
.302000	V	338.651	-.330
.331686	KT	338.443	-1.072
.336519	KZ	338.388	-1.193
.350000	**	338.227	-1.193
.377963	ZZ	337.894	-1.193
.390000	V	337.798	-.391
.395861	VZ	337.787	.000
.400000	**	337.793	.276
.402037	KZ	337.800	.412
.428108	KK	337.907	.412
.450000	**	337.997	.412
.455699	ZZ	338.021	.412
.468051	VZ	338.046	.000
.475000	V	338.038	-.232
.494301	KZ	337.931	-.875
.500000	**	337.881	-.875
.501264	ZZ	337.870	-.875
.514389	VZ	337.813	.000
.515000	V	337.813	.041
.528736	KZ	337.881	.957
.550000	**	338.085	.957
.587815	TK	338.446	.957
.594606	ZZ	338.511	.957

.600000	**		338.557	.741
.618519		VZ	338.626	.000
.630000		V	338.599	-.459
.650000	**		338.428	-1.259
.665394		KZ	338.186	-1.875
.692772		KT	337.673	-1.875
.700000	**		337.538	-1.875
.709999		V	337.350	-1.875
.710000		V	337.350	-.878
.750000	**		336.999	-.878
.794436		TK	336.609	-.878
.800000	**		336.560	-.878
.804843		KT	336.517	-.878
.849828		TK	336.122	-.878
.850000	**		336.121	-.878
.854067		KT	336.085	-.878
.854068		TK	336.085	-.878
.890872		KT	335.762	-.878
.890875		TK	335.762	-.878
.900000	**		335.682	-.878
.914999		V	335.550	-.878
.915000		V	335.550	.000
.920034		KT	335.550	.000
.925767		TK	335.550	.000
.930822		KT	335.550	.000
.940729		TK	335.550	.000
.946455		KT	335.550	.000
.950000	**		335.550	.000
.952934		TK	335.550	.000
.984451		KT	335.550	.000
1.000000	**		335.550	.000
1.026815		ZZ	335.550	.000
1.037500		V	335.664	2.137
1.048185		KZ	336.007	4.274
1.050000	**		336.084	4.274
1.054060		ZZ	336.258	4.274
1.054262		TK	336.266	3.870
1.055750		V	336.301	.894
1.056197		VZ	336.303	.000
1.057440		KZ	336.288	-2.486
1.060947		ZZ	336.201	-2.486
1.063306		KT	336.156	-1.307
1.065000		V	336.141	-.460
1.065920		VZ	336.139	.000
1.069053		KZ	336.163	1.567
1.080208		TK	336.338	1.567
1.087779		KT	336.457	1.567
1.088027		ZZ	336.461	1.567
1.094339		TK	336.576	2.072
1.095000		V	336.589	2.125
1.100000	**		336.706	2.525
1.101973		KZ	336.757	2.682
1.104683		KT	336.830	2.682
1.119876		KK	337.237	2.682
1.150000	**		338.045	2.682
1.179999		V	338.850	2.682
1.180000		V	338.850	1.903
1.200000	**		339.231	1.903
1.250000	**		340.182	1.903
1.259046		KK	340.354	1.903
1.300000	**		341.134	1.903

1.300755		ZZ	341.148	1.903
1.335000		V	342.035	3.273
1.336953		TK	342.099	3.351
1.345682		KT	342.407	3.700
1.350000	**		342.571	3.873
1.356889		TK	342.847	4.149
1.369245		KZ	343.390	4.643
1.372612		KT	343.546	4.643
1.390246		ZZ	344.365	4.643
1.400000	**		344.754	3.342
1.405000		V	344.905	2.676
1.419754		KZ	345.155	.708
1.444605		KK	345.331	.708
1.450000	**		345.369	.708
1.477764		TK	345.565	.708
1.492685		KT	345.671	.708
1.500000	**		345.723	.708
1.510433		ZZ	345.797	.708
1.516100		VZ	345.817	.000
1.525000		V	345.767	-1.112
1.539567		KZ	345.473	-2.933
1.544335		ZZ	345.333	-2.933
1.550000	**		345.186	-2.267
1.555799		TK	345.074	-1.585
1.562500		V	344.994	-.796
1.569268		VZ	344.967	.000
1.569453		KT	344.967	.022
1.580665		KZ	345.044	1.341
1.600000	**		345.303	1.341
1.625663		TK	345.647	1.341
1.638844		ZZ	345.824	1.341
1.645548		VZ	345.869	.000
1.650000	**		345.849	-.890
1.651983		KT	345.827	-1.287
1.652000		V	345.827	-1.290
1.662288		TK	345.588	-3.348
1.665156		KZ	345.484	-3.921
1.669450	**		345.316	-3.921
1.670553		ZZ	345.272	-3.921
1.672018		V	345.204	-5.386
1.673483		KZ	345.115	-6.851
1.676177		ZZ	344.930	-6.851
1.677157		KT	344.868	-5.871
1.682702		V	344.696	-.326
1.683028		VZ	344.695	.000
1.689227		KZ	344.887	6.199
1.690919	**		344.992	6.199
1.695913		ZZ	345.302	6.199
1.698656		V	345.453	4.827
1.700000	**		345.514	4.155
1.700743		KK	345.543	3.784
1.701399		KZ	345.567	3.456
1.712801	**		345.961	3.456
1.715185		TK	346.043	3.456
1.724531		KT	346.366	3.456
1.730466		TK	346.571	3.456
1.737764		KT	346.823	3.456
1.750000	**		347.246	3.456
1.785747		ZZ	348.482	3.455
1.791636		V	348.598	.511
1.792658		VZ	348.601	.000

1.792986	TK	348.601	-.164
1.796357	**	348.567	-1.850
1.797525	KZ	348.542	-2.434
1.800000	**	348.481	-2.434
1.800733	KT	348.464	-2.434
1.824350	TK	347.889	-2.434
1.830743	KT	347.733	-2.434
1.841959	TK	347.460	-2.434
1.848717	KT	347.296	-2.434
1.850000	**	347.265	-2.434
1.853186	TK	347.187	-2.434
1.869199	KT	346.797	-2.434
1.896171	V	346.141	-2.434
1.896172	V	346.141	2.356
1.900000	**	346.231	2.356
1.950000	**	347.409	2.356
2.000000	**	348.587	2.356
2.029027	TK	349.271	2.356
2.035447	KT	349.422	2.356
2.050000	**	349.765	2.356
2.059667	V	349.993	2.356
2.059668	V	349.993	.076
2.072924	TK	350.003	.076
2.092041	KT	350.018	.076
2.100000	**	350.024	.076
2.103763	TK	350.027	.076
2.111007	KT	350.032	.076
2.126593	V	350.044	.076
2.126594	V	350.044	2.328
2.128849	TK	350.096	2.328
2.143507	KT	350.438	2.328
2.150000	**	350.589	2.328
2.151824	TK	350.631	2.328
2.161244	KT	350.850	2.328
2.200000	**	351.753	2.328
2.211452	TK	352.019	2.328
2.211705	V	352.025	2.328
2.211706	V	352.025	.000
2.222604	KT	352.025	.000
2.249574	TK	352.025	.000
2.250000	**	352.025	.000
2.267919	KT	352.025	.000
2.284469	V	352.025	.000
2.284470	V	352.025	-3.090
2.300000	**	351.545	-3.090
2.324184	TK	350.798	-3.090
2.335640	V	350.444	-3.090
2.335641	V	350.444	1.353
2.339898	KT	350.502	1.353
2.350000	**	350.638	1.353
2.372830	V	350.947	1.353
2.372831	V	350.947	-.077
2.400000	**	350.926	-.077
2.401327	TK	350.925	-.077
2.419048	KT	350.911	-.077
2.450000	**	350.887	-.077
2.465895	V	350.875	-.077
2.465896	V	350.875	-.726
2.500000	**	350.627	-.726
2.515535	ZZ	350.515	-.726
2.517700	KK	350.501	-.509

2.522795		VZ	350.488	.000
2.537660		V	350.599	1.487
2.538227		KK	350.607	1.543
2.550000	**		350.858	2.721
2.559785		KZ	351.172	3.699
2.597701		ZZ	352.575	3.699
2.600000	**		352.659	3.627
2.650000	**		354.082	2.065
2.652285		V	354.128	1.993
2.671504		TK	354.454	1.393
2.680872		KT	354.571	1.100
2.700000	**		354.724	.502
2.706869		KZ	354.751	.288
2.750000	**		354.875	.288
2.784025		TK	354.973	.288
2.795936		V	355.007	.288
2.795937		V	355.007	.043
2.796490		KT	355.007	.043
2.800000	**		355.009	.043
2.806751		TK	355.012	.043
2.814695		KT	355.015	.043
2.850000	**		355.030	.043
2.866804		TK	355.038	.043
2.872771		KT	355.040	.043
2.878940		V	355.043	.043
2.878941		V	355.043	-3.508
2.900000	**		354.304	-3.508
2.907619		V	354.037	-3.508
2.907620		V	354.037	.000
2.908113		KK	354.037	.000
2.950000	**		354.037	.000
2.986729		TK	354.037	.000
2.993594		KT	354.037	.000
3.000000	**		354.037	.000
3.027554		TK	354.037	.000
3.031639		KT	354.037	.000
3.050000	**		354.037	.000
3.050451		V	354.037	.000
3.050452		V	354.037	-2.576
3.067878		V	353.588	-2.576
3.067879		V	353.588	2.351
3.071055		KK	353.663	2.351
3.100000	**		354.343	2.351
3.112199		V	354.630	2.351
3.112200		V	354.630	-4.469
3.121092		KK	354.233	-4.469
3.150000	**		352.941	-4.469
3.160672		TK	352.464	-4.469
3.168074		V	352.133	-4.469
3.168075		V	352.133	-1.900
3.177588		KT	351.952	-1.900
3.185842	**		351.795	-1.900
3.188915		V	351.737	-1.900
3.188916		V	351.737	-2.917
3.200000	**		351.414	-2.917
3.209037		V	351.150	-2.917
3.209038		V	351.150	-2.146
3.220712		TK	350.900	-2.146
3.228916		KT	350.723	-2.146
3.250000	**		350.271	-2.146
3.256159		TK	350.139	-2.146

3.268062	KT		349.883	-2.146
3.270691	TK		349.827	-2.146
3.283534	KT		349.551	-2.146
3.285932		V	349.500	-2.146
3.285933		V	349.500	-2.654
3.300000	**		349.127	-2.654
3.326619	TK		348.420	-2.654
3.329952	KT		348.332	-2.654
3.335506		ZZ	348.184	-2.654
3.338298	TK		348.113	-2.468
3.350000	**		347.870	-1.688
3.351545	KT		347.844	-1.585
3.353757		V	347.811	-1.437
3.363307	TK		347.704	-.801
3.372008		KZ	347.660	-.221
3.378372	KT		347.646	-.221
3.397595	TK		347.603	-.221
3.400000	**		347.598	-.221
3.404999		V	347.587	-.221
3.405000		V	347.587	.000
3.405352	**		347.587	.000
3.423524	KT		347.587	.000
3.436176	KK		347.587	.000
3.445193	TK		347.587	.000
3.450000	**		347.587	.000
3.471534	KT		347.587	.000
3.471535	TK		347.587	.000
3.500000	**		347.587	.000
3.504364	KT		347.587	.000
3.550000	**		347.587	.000
3.600000	**		347.587	.000
3.646024	KK		347.587	.000
3.650000	**		347.587	.000
3.700000	**		347.587	.000
3.727864	KK		347.587	.000
3.750000	**		347.587	.000
3.768628	** TO	V	347.587	.000

*** VÝPOČET UKONČEN BEZ CHYB ***

Ateliér projektování inženýrských staveb

140 00 Praha 4, Ohradní 24b

PROGRAMOVÝ SYSTÉM R O A D P A C - program RP12

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2004

Datum zadání:

10.1.2012

Datum výpočtu:

10. 1.2012

Akce: Kladenská cyklostezka - 1. etapa

Trasa: 1. etapa - 3. část

Systém úhlů: grady

Kontrolní opis vstupních údajů												
Typ	D1	D2	DL	R	A1(-L1)	A2(-L2)	IB1	Y1	X1	IB2	Y2	X2
1	.000	.000	.000	.000	.000	.000	1	756786.090	1042450.467	2	756807.994	1042448.901
3	.000	.000	.000	-40.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	2	756807.994	1042448.901	3	756850.651	1042468.615
3	.000	.000	.000	100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	3	756850.651	1042468.615	4	756994.110	1042479.944
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	4	756994.110	1042479.944	5	757193.013	1042492.501
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	5	757193.013	1042492.501	6	757214.213	1042494.445
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	6	757214.213	1042494.445	7	757239.036	1042500.486
3	.000	.000	.000	150.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	7	757239.036	1042500.486	8	757321.834	1042506.759
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	8	757321.834	1042506.759	9	757378.367	1042510.099
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	9	757378.367	1042510.099	10	757417.389	1042513.613
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	10	757417.389	1042513.613	11	757471.944	1042516.922
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	11	757471.944	1042516.922	12	757524.225	1042518.652
3	.000	.000	.000	-200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	12	757524.225	1042518.652	13	757621.818	1042528.692
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	13	757621.818	1042528.692	14	757653.874	1042530.652
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	14	757653.874	1042530.652	15	757706.879	1042535.280
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	15	757706.879	1042535.280	16	757794.214	1042540.039
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	16	757794.214	1042540.039	17	757839.570	1042544.638
3	.000	.000	.000	-125.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	17	757839.570	1042544.638	18	757865.036	1042549.867
3	.000	.000	.000	175.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	18	757865.036	1042549.867	19	757957.274	1042555.403
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	19	757957.274	1042555.403	20	757987.036	1042556.270
3	.000	.000	.000	-150.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	20	757987.036	1042556.270	21	758022.213	1042559.189
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	21	758022.213	1042559.189	22	758083.704	1042556.850

3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	22	758083.704	1042556.850	23	758189.375	1042554.702
3	.000	.000	.000	-55.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	23	758189.375	1042554.702	24	758222.711	1042593.403
3	.000	.000	.000	-405.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	24	758222.711	1042593.403	25	758278.164	1042676.787
3	.000	.000	.000	200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	25	758278.164	1042676.787	26	758307.651	1042704.050
3	.000	.000	.000	100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	26	758307.651	1042704.050	27	758356.184	1042725.930
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	27	758356.184	1042725.930	28	758391.308	1042740.994
3	.000	.000	.000	.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	28	758391.308	1042740.994	29	758475.417	1042776.218
3	.000	.000	.000	175.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	29	758475.417	1042776.218	30	758528.505	1042785.049
3	.000	.000	.000	400.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	30	758528.505	1042785.049	31	758635.222	1042784.835
3	.000	.000	.000	-100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	31	758635.222	1042784.835	32	758668.565	1042793.132
3	.000	.000	.000	350.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	32	758668.565	1042793.132	33	758777.850	1042809.744
3	.000	.000	.000	300.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	33	758777.850	1042809.744	34	758956.303	1042790.499
3	.000	.000	.000	-150.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	34	758956.303	1042790.499	35	759089.519	1042819.096
3	.000	.000	.000	-250.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	35	759089.519	1042819.096	36	759151.292	1042837.775
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	36	759151.292	1042837.775	37	759219.095	1042858.343
3	.000	.000	.000	-.010	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	37	759219.095	1042858.343	38	759309.803	1042887.959
3	.000	.000	.000	-75.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	38	759309.803	1042887.959	39	759332.146	1042900.137
3	.000	.000	.000	170.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	39	759332.146	1042900.137	40	759358.265	1042909.870
3	.000	.000	.000	-200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	40	759358.265	1042909.870	41	759425.106	1042939.379
3	.000	.000	.000	100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	41	759425.106	1042939.379	42	759447.528	1042947.407
3	.000	.000	.000	-6.500	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	42	759447.528	1042947.407	143	759449.091	1042949.968

* Vytvořen výstupní soubor Hlavní body směru s názvem ET13.SHB
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 3. část
 * Datum vzniku 10. 1.2012 programem RP12
 * Datum posl. zápisu 10. 1.2012 programem RP12
 * Soubor .SHB nového typu

Údaje o hlavních bodech směrového vedení trasy											
CB IND	STA	YH	XH	sigmah	R	YS	XS				
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat	
1 OT	.000000	756786.090	1042450.467	104.54371	.000	.000	.000				
0 tečna	11.655	.000	.000	.00000	.000	.000	.000	.000	.000	.00000	
2 TK	.011655	756797.715	1042449.636	104.54370	-40.000	756800.568	1042489.534				
1 kružnice	20.171	.000	.000	.00000	.000	756807.994	1042448.901	10.305	-1.306	-32.10381	

3 KT	.031826	756817.348	1042453.224	72.43989	.000	.000	.000			
0 tečna	18.794	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
4 TK	.050621	756834.409	1042461.109	72.43989	100.000	756876.361	1042370.334			
2 kružnice	35.411	.000	.000	.00000	.000	756850.651	1042468.615	17.893	1.588	22.54311
5 KT	.086031	756868.488	1042470.024	94.98300	.000	.000	.000			
0 tečna	126.013	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
6 TK	.212044	756994.110	1042479.944	94.98300	.010	756994.111	1042479.934			
3 kružnice	.000	.000	.000	.00000	.000	756994.110	1042479.944	.000	.000	1.00326
7 KT	.212044	756994.110	1042479.944	95.98626	.000	.000	.000			
0 tečna	199.299	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
8 TK	.411343	757193.013	1042492.501	95.98626	-.010	757193.012	1042492.511			
4 kružnice	.000	.000	.000	.00000	.000	757193.013	1042492.501	.000	.000	-1.80767
9 KT	.411343	757193.013	1042492.501	94.17859	.000	.000	.000			
0 tečna	21.288	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
10 TK	.432632	757214.212	1042494.445	94.17859	-.010	757214.211	1042494.455			
5 kružnice	.001	.000	.000	.00000	.000	757214.213	1042494.445	.001	.000	-9.37614
11 KT	.432633	757214.214	1042494.445	84.80246	.000	.000	.000			
0 tečna	13.287	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
12 TK	.445920	757227.124	1042497.587	84.80246	150.000	757262.593	1042351.841			
6 kružnice	24.466	.000	.000	.00000	.000	757239.036	1042500.486	12.260	.500	10.38353
13 KT	.470385	757251.261	1042501.412	95.18599	.000	.000	.000			
0 tečna	70.775	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
14 TK	.541161	757321.834	1042506.759	95.18599	.010	757321.835	1042506.749			
7 kružnice	.000	.000	.000	.00000	.000	757321.834	1042506.759	.000	.000	1.05719
15 KT	.541161	757321.834	1042506.759	96.24318	.000	.000	.000			
0 tečna	48.931	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
16 TK	.590092	757370.680	1042509.645	96.24318	-500.000	757341.192	1043008.775			
8 kružnice	15.399	.000	.000	.00000	.000	757378.367	1042510.099	7.700	-.059	-1.96064
17 KT	.605491	757386.036	1042510.790	94.28255	.000	.000	.000			
0 tečna	24.172	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
18 TK	.629663	757410.111	1042512.958	94.28255	500.000	757454.955	1042014.973			
9 kružnice	14.615	.000	.000	.00000	.000	757417.389	1042513.613	7.308	.053	1.86080
19 KT	.644278	757424.683	1042514.055	96.14334	.000	.000	.000			
0 tečna	40.472	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
20 TK	.684749	757465.081	1042516.506	96.14334	500.000	757495.352	1042017.423			
10 kružnice	13.751	.000	.000	.00000	.000	757471.944	1042516.922	6.876	.047	1.75082
21 KT	.698500	757478.816	1042517.149	97.89417	.000	.000	.000			
0 tečna	38.487	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
22 TK	.736987	757517.282	1042518.422	97.89417	-200.000	757510.668	1042718.313			
11 kružnice	13.887	.000	.000	.00000	.000	757524.225	1042518.652	6.947	-.121	-4.42051

23 KT	.750875	757531.135	1042519.363	93.47365	.000	.000	.000			
0 tečna	80.798	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
24 TK	.831673	757611.509	1042527.631	93.47365	500.000	757662.677	1042030.256			
12 kružnice	20.724	.000	.000	.00000	.000	757621.818	1042528.692	10.364	.107	2.63870
25 KT	.852397	757632.162	1042529.324	96.11235	.000	.000	.000			
0 tečna	15.246	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
26 TK	.867643	757647.380	1042530.255	96.11235	-500.000	757616.865	1043029.323			
13 kružnice	13.012	.000	.000	.00000	.000	757653.874	1042530.652	6.507	-.042	-1.65678
27 KT	.880655	757660.356	1042531.218	94.45557	.000	.000	.000			
0 tečna	38.536	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
28 TK	.919191	757698.746	1042534.570	94.45557	500.000	757742.236	1042036.465			
14 kružnice	16.327	.000	.000	.00000	.000	757706.879	1042535.280	8.164	.067	2.07883
29 KT	.935518	757715.031	1042535.724	96.53440	.000	.000	.000			
0 tečna	67.644	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
30 TK	1.003162	757782.575	1042539.405	96.53440	-500.000	757755.370	1043038.664			
15 kružnice	23.307	.000	.000	.00000	.000	757794.214	1042540.039	11.656	-.136	-2.96760
31 KT	1.026470	757805.810	1042541.215	93.56680	.000	.000	.000			
0 tečna	27.586	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
32 TK	1.054056	757833.255	1042543.998	93.56680	-125.000	757820.645	1042668.360			
16 kružnice	12.683	.000	.000	.00000	.000	757839.570	1042544.638	6.347	-.161	-6.45948
33 KT	1.066739	757845.787	1042545.915	87.10732	.000	.000	.000			
0 tečna	7.154	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
34 TK	1.073893	757852.795	1042547.354	87.10732	175.000	757887.994	1042375.930			
17 kružnice	24.950	.000	.000	.00000	.000	757865.036	1042549.867	12.496	.446	9.07635
35 KT	1.098843	757877.510	1042550.616	96.18367	.000	.000	.000			
0 tečna	72.201	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
36 TK	1.171044	757949.581	1042554.941	96.18367	500.000	757979.537	1042055.839			
18 kružnice	15.412	.000	.000	.00000	.000	757957.274	1042555.403	7.707	.059	1.96231
37 KT	1.186456	757964.977	1042555.627	98.14598	.000	.000	.000			
0 tečna	18.042	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
38 TK	1.204498	757983.012	1042556.153	98.14598	-150.000	757978.644	1042706.089			
19 kružnice	8.050	.000	.000	.00000	.000	757987.036	1042556.270	4.026	-.054	-3.41660
39 KT	1.212548	757991.048	1042556.603	94.72938	.000	.000	.000			
0 tečna	1.032	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
40 TK	1.213581	757992.077	1042556.688	94.72938	500.000	758033.425	1042058.401			
20 kružnice	60.405	.000	.000	.00000	.000	758022.213	1042559.189	30.239	.914	7.69103
41 KT	1.273986	758052.431	1042558.040	102.42041	.000	.000	.000			
0 tečna	31.296	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
42 TK	1.305282	758083.704	1042556.850	102.42041	-.010	758083.704	1042556.860			
21 kružnice	.000	.000	.000	.00000	.000	758083.704	1042556.850	.000	.000	-1.12652

43 KT	1.305282	758083.704	1042556.850	101.29389	.000	.000	.000			
0 tečna	79.798	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
44 TK	1.385080	758163.485	1042555.228	101.29389	-55.000	758164.603	1042610.217			
22 kružnice	48.403	.000	.000	.00000	.000	758189.375	1042554.702	25.895	-5.791	-56.02642
45 KT	1.433483	758206.275	1042574.322	45.26747	.000	.000	.000			
0 tečna	.003	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
46 TK	1.433486	758206.277	1042574.324	45.26747	-405.000	757899.420	1042838.642			
23 kružnice	50.297	.000	.000	.00000	.000	758222.711	1042593.403	25.181	-.782	-7.90618
47 KT	1.483783	758236.655	1042614.371	37.36129	.000	.000	.000			
0 tečna	51.076	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
48 TK	1.534860	758264.939	1042656.901	37.36129	200.000	758431.475	1042546.149			
24 kružnice	47.540	.000	.000	.00000	.000	758278.164	1042676.787	23.882	1.421	15.13231
49 KT	1.582399	758295.700	1042693.000	52.49360	.000	.000	.000			
0 tečna	.001	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
50 TK	1.582400	758295.700	1042693.001	52.49360	100.000	758363.588	1042619.575			
25 kružnice	32.269	.000	.000	.00000	.000	758307.651	1042704.050	16.276	1.316	20.54290
51 KT	1.614669	758322.489	1042710.739	73.03650	.000	.000	.000			
0 tečna	36.961	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
52 TK	1.651630	758356.184	1042725.930	73.03650	.010	758356.188	1042725.921			
26 kružnice	.000	.000	.000	.00000	.000	758356.184	1042725.930	.000	.000	1.17067
53 KT	1.651630	758356.184	1042725.930	74.20716	.000	.000	.000			
0 tečna	38.218	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
54 TK	1.689848	758391.308	1042740.994	74.20716	.010	758391.312	1042740.985			
27 kružnice	.000	.000	.000	.00000	.000	758391.308	1042740.994	.000	.000	.54456
55 KT	1.689848	758391.308	1042740.994	74.75173	.000	.000	.000			
0 tečna	70.816	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
56 TK	1.760665	758456.628	1042768.349	74.75173	175.000	758524.227	1042606.933			
28 kružnice	40.558	.000	.000	.00000	.000	758475.417	1042776.218	20.370	1.182	14.75441
57 KT	1.801223	758495.511	1042779.561	89.50614	.000	.000	.000			
0 tečna	.001	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
58 TK	1.801224	758495.512	1042779.561	89.50614	400.000	758561.149	1042384.983			
29 kružnice	66.737	.000	.000	.00000	.000	758528.505	1042785.049	33.446	1.396	10.62152
59 KT	1.867961	758561.951	1042784.982	100.12766	.000	.000	.000			
0 tečna	60.914	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
60 TK	1.928875	758622.865	1042784.860	100.12766	-100.000	758623.066	1042884.860			
30 kružnice	24.589	.000	.000	.00000	.000	758635.222	1042784.835	12.357	-.761	-15.65383
61 KT	1.953464	758647.213	1042787.819	84.47382	.000	.000	.000			
0 tečna	5.710	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
62 TK	1.959175	758652.755	1042789.198	84.47382	350.000	758737.271	1042449.555			
31 kružnice	32.562	.000	.000	.00000	.000	758668.565	1042793.132	16.293	.379	5.92267

63 KT	1.991736	758684.673	1042795.580	90.39650	.000	.000	.000			
0 tečna	55.289	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
64 TK	2.047025	758739.334	1042803.889	90.39650	300.000	758784.418	1042507.296			
32 kružnice	77.484	.000	.000	.00000	.000	758777.850	1042809.744	38.959	2.519	16.44260
65 KT	2.124509	758816.584	1042805.567	106.83910	.000	.000	.000			
0 tečna	116.408	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
66 TK	2.240917	758932.321	1042793.085	106.83910	-150.000	758948.404	1042942.221			
33 kružnice	47.833	.000	.000	.00000	.000	758956.303	1042790.499	24.121	-1.927	-20.30089
67 KT	2.288750	758979.887	1042795.562	86.53821	.000	.000	.000			
0 tečna	101.851	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
68 TK	2.390601	759079.469	1042816.939	86.53821	-250.000	759026.998	1043061.370			
34 kružnice	20.546	.000	.000	.00000	.000	759089.519	1042819.096	10.279	-.211	-5.23192
69 KT	2.411147	759099.358	1042822.071	81.30629	.000	.000	.000			
0 tečna	54.257	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
70 TK	2.465403	759151.292	1042837.775	81.30629	-.010	759151.289	1042837.785			
35 kružnice	.000	.000	.000	.00000	.000	759151.292	1042837.775	.000	.000	-.05645
71 KT	2.465403	759151.292	1042837.775	81.24984	.000	.000	.000			
0 tečna	70.854	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
72 TK	2.536257	759219.095	1042858.343	81.24984	-.010	759219.092	1042858.353			
36 kružnice	.000	.000	.000	.00000	.000	759219.095	1042858.343	.000	.000	-1.34069
73 KT	2.536257	759219.095	1042858.343	79.90915	.000	.000	.000			
0 tečna	88.522	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
74 TK	2.624779	759303.245	1042885.818	79.90915	-75.000	759279.967	1042957.114			
37 kružnice	13.759	.000	.000	.00000	.000	759309.803	1042887.959	6.899	-.317	-11.67858
75 KT	2.638537	759315.860	1042891.261	68.23057	.000	.000	.000			
0 tečna	6.429	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
76 TK	2.644966	759321.505	1042894.337	68.23057	170.000	759402.863	1042745.069			
38 kružnice	24.197	.000	.000	.00000	.000	759332.146	1042900.137	12.119	.431	9.06117
77 KT	2.669163	759343.502	1042904.369	77.29174	.000	.000	.000			
0 tečna	9.848	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
78 TK	2.679011	759352.730	1042907.808	77.29174	-200.000	759282.894	1043095.218			
39 kružnice	11.809	.000	.000	.00000	.000	759358.265	1042909.870	5.906	-.087	-3.75899
79 KT	2.690821	759363.668	1042912.255	73.53275	.000	.000	.000			
0 tečna	63.561	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
80 TK	2.754381	759421.815	1042937.926	73.53275	100.000	759462.202	1042846.444			
40 kružnice	7.193	.000	.000	.00000	.000	759425.106	1042939.379	3.598	.065	4.57896
81 KT	2.761574	759428.493	1042940.592	78.11171	.000	.000	.000			
0 tečna	17.922	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
82 TK	2.779496	759445.367	1042946.633	78.11171	-6.500	759443.176	1042952.753			
41 kružnice	4.414	.000	.000	.00000	.000	759447.528	1042947.407	2.296	-.393	-43.22719

83 KT	2.783910	759448.724	1042949.367	34.88452	.000	.000	.000			
0 tečna	.705	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
84 TO	2.784615	759449.091	1042949.968	34.88452	.000	.000	.000			

čís.vrch.	Údaje o vrcholech tečnového polygonu trasy					alfat
	YT	XT	T1	T2		
0	756786.090	1042450.467	.000	.000		.00000
1	756807.994	1042448.901	10.305	10.305		-32.10381
2	756850.651	1042468.615	17.893	17.893		22.54311
3	756994.110	1042479.944	.000	.000		1.00326
4	757193.013	1042492.501	.000	.000		-1.80767
5	757214.213	1042494.445	.001	.001		-9.37614
6	757239.036	1042500.486	12.260	12.260		10.38353
7	757321.834	1042506.759	.000	.000		1.05719
8	757378.367	1042510.099	7.700	7.700		-1.96064
9	757417.389	1042513.613	7.308	7.308		1.86080
10	757471.944	1042516.922	6.876	6.876		1.75082
11	757524.225	1042518.652	6.947	6.946		-4.42051
12	757621.818	1042528.692	10.364	10.364		2.63870
13	757653.874	1042530.652	6.507	6.506		-1.65678
14	757706.879	1042535.280	8.164	8.164		2.07883
15	757794.214	1042540.039	11.656	11.656		-2.96760
16	757839.570	1042544.638	6.347	6.347		-6.45948
17	757865.036	1042549.867	12.496	12.496		9.07635
18	757957.274	1042555.403	7.707	7.707		1.96231
19	757987.036	1042556.270	4.026	4.026		-3.41660
20	758022.213	1042559.189	30.239	30.239		7.69103
21	758083.704	1042556.850	.000	.000		-1.12652
22	758189.375	1042554.702	25.895	25.895		-56.02642
23	758222.711	1042593.403	25.181	25.181		-7.90618
24	758278.164	1042676.787	23.882	23.882		15.13231
25	758307.651	1042704.050	16.276	16.276		20.54290
26	758356.184	1042725.930	.000	.000		1.17067
27	758391.308	1042740.994	.000	.000		.54456
28	758475.417	1042776.218	20.370	20.370		14.75441
29	758528.505	1042785.049	33.446	33.446		10.62152
30	758635.222	1042784.835	12.357	12.357		-15.65383
31	758668.565	1042793.132	16.293	16.293		5.92267
32	758777.850	1042809.744	38.959	38.959		16.44260
33	758956.303	1042790.499	24.121	24.121		-20.30089
34	759089.519	1042819.096	10.279	10.279		-5.23192
35	759151.294	1042837.776	.002	-.002		-.05645
36	759219.095	1042858.343	.000	.000		-1.34069
37	759309.803	1042887.959	6.899	6.899		-11.67858
38	759332.146	1042900.137	12.119	12.119		9.06117
39	759358.265	1042909.870	5.906	5.906		-3.75899
40	759425.106	1042939.379	3.598	3.598		4.57896
41	759447.528	1042947.407	2.296	2.296		-43.22719
42	759449.091	1042949.968	.000	.000		.00000

* Vytvořen výstupní soubor Staničení s názvem ET13.SSS
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 3. část
 * Datum vzniku 10. 1.2012 programem RP12
 * Datum posl. zápisu 10. 1.2012 programem RP12

Údaje o výpočtu mimolehlosti zadaných bodů

Číslo bodu stanič.	vzdálenost	souř.zadaného bodu	souř.paty kolmice na osu	směrník v patě
	D	Y1 X1	Y2 X2	SIG
1	.022449	.000	756808.455 1042450.319	87.36425
2	.432633	-.001	757214.213 1042494.445	94.17859
3	2.784615	.000	759449.091 1042949.968	34.88452

Konec bloku dat pro výpočet mimolehlostí

Údaje o podrobných bodech trasy						
WB	STA	Y	X	sig	R	
** OT	.000000	756786.090	1042450.467	104.54370	.000	
TK	.011655	756797.715	1042449.636	104.54370	-40.000	
**	.022449	756808.455	1042450.319	87.36433	-40.000	
KT	.031826	756817.348	1042453.224	72.44037	-40.000	
**	.050000	756833.845	1042460.848	72.43989	.000	
TK	.050621	756834.409	1042461.109	72.43989	100.000	
KT	.086031	756868.488	1042470.024	94.98276	100.000	
**	.100000	756882.413	1042471.123	94.98300	.000	
**	.150000	756932.258	1042475.060	94.98300	.000	
**	.200000	756982.103	1042478.996	94.98300	.000	
KK	.212044	756994.110	1042479.944	94.98300	.000	
**	.250000	757031.990	1042482.335	95.98626	.000	
**	.300000	757081.891	1042485.486	95.98626	.000	
**	.350000	757131.792	1042488.636	95.98626	.000	
**	.400000	757181.692	1042491.786	95.98626	.000	
KK	.411343	757193.013	1042492.501	95.98626	.000	
TK	.432632	757214.212	1042494.445	94.17859	-.010	
** KT	.432633	757214.214	1042494.445	84.80246	.000	
TK	.445920	757227.124	1042497.587	84.80246	150.000	
**	.450000	757231.101	1042498.498	86.53417	150.000	
KT	.470385	757251.261	1042501.412	95.18583	150.000	
**	.500000	757280.791	1042503.649	95.18599	.000	
KK	.541161	757321.834	1042506.759	96.24318	.000	
**	.550000	757330.658	1042507.280	96.24318	.000	
TK	.590092	757370.680	1042509.645	96.24318	.000	
**	.600000	757380.564	1042510.327	94.98169	-500.000	
KT	.605491	757386.036	1042510.790	94.28255	-500.000	
TK	.629663	757410.111	1042512.958	94.28255	.000	
KT	.644278	757424.683	1042514.055	96.14334	.000	
**	.650000	757430.395	1042514.402	96.14334	.000	
TK	.684749	757465.080	1042516.506	96.14334	.000	
KT	.698500	757478.816	1042517.149	97.89414	500.000	
**	.700000	757480.315	1042517.199	97.89416	.000	
TK	.736987	757517.282	1042518.422	97.89416	.000	
**	.750000	757530.265	1042519.275	93.75212	-200.000	
KT	.750875	757531.135	1042519.363	93.47365	.000	
**	.800000	757580.002	1042524.390	93.47365	.000	
TK	.831673	757611.509	1042527.631	93.47365	500.000	
**	.850000	757629.770	1042529.172	95.80715	500.000	
KT	.852397	757632.162	1042529.324	96.11234	500.000	
TK	.867643	757647.380	1042530.255	96.11235	-500.000	
KT	.880655	757660.356	1042531.218	94.45559	-500.000	
**	.900000	757679.627	1042532.901	94.45557	.000	
TK	.919191	757698.746	1042534.570	94.45557	500.000	
KT	.935518	757715.031	1042535.724	96.53440	500.000	
**	.950000	757729.492	1042536.512	96.53440	.000	

**		1.000000	757779.418	1042539.233	96.53440	.000
	TK	1.003162	757782.575	1042539.405	96.53440	.000
	KT	1.026470	757805.810	1042541.215	93.56680	.000
**		1.050000	757829.220	1042543.589	93.56680	.000
	TK	1.054056	757833.255	1042543.998	93.56680	-125.000
	KT	1.066739	757845.787	1042545.915	87.10732	.000
	TK	1.073893	757852.795	1042547.354	87.10732	175.000
	KT	1.098843	757877.510	1042550.616	96.18367	.000
**		1.100000	757878.665	1042550.685	96.18367	.000
**		1.150000	757928.575	1042553.681	96.18367	.000
	TK	1.171044	757949.581	1042554.941	96.18367	.000
	KT	1.186456	757964.977	1042555.627	98.14597	500.000
**		1.200000	757978.515	1042556.022	98.14598	.000
	TK	1.204498	757983.012	1042556.153	98.14598	.000
	KT	1.212548	757991.048	1042556.603	94.72949	-150.000
	TK	1.213581	757992.077	1042556.688	94.72938	500.000
**		1.250000	758028.449	1042558.376	99.36643	500.000
	KT	1.273986	758052.431	1042558.040	102.42041	.000
**		1.300000	758078.426	1042557.051	102.42041	.000
	KK	1.305282	758083.704	1042556.850	102.42041	-.010
**		1.350000	758128.413	1042555.941	101.29389	.000
	TK	1.385080	758163.485	1042555.228	101.29389	-55.000
**		1.400000	758178.261	1042556.940	84.02397	-55.000
	KT	1.433483	758206.275	1042574.322	45.26772	-55.000
	TK	1.433486	758206.277	1042574.324	45.26747	.000
**		1.450000	758216.796	1042587.052	42.67168	-405.000
	KT	1.483783	758236.655	1042614.370	37.36133	-405.000
**		1.500000	758245.635	1042627.874	37.36129	.000
	TK	1.534860	758264.939	1042656.901	37.36129	200.000
**		1.550000	758273.792	1042669.179	42.18062	200.000
	KT	1.582399	758295.700	1042693.000	52.49355	200.000
	TK	1.582400	758295.700	1042693.000	52.49360	.000
**		1.600000	758309.605	1042703.753	63.69803	100.000
	KT	1.614669	758322.489	1042710.739	73.03650	.000
**		1.650000	758354.698	1042725.260	73.03650	.000
	KK	1.651630	758356.184	1042725.930	73.03650	.010
	KK	1.689848	758391.308	1042740.994	74.20716	.000
**		1.700000	758400.672	1042744.915	74.75173	.000
**		1.750000	758446.791	1042764.230	74.75173	.000
	TK	1.760665	758456.628	1042768.349	74.75173	175.000
**		1.800000	758494.306	1042779.356	89.06126	175.000
	KT	1.801223	758495.511	1042779.561	89.50614	.000
	TK	1.801224	758495.512	1042779.561	89.50614	400.000
**		1.850000	758543.995	1042784.615	97.26910	400.000
	KT	1.867961	758561.951	1042784.982	100.12766	.000
**		1.900000	758593.990	1042784.918	100.12766	.000
	TK	1.928875	758622.865	1042784.860	100.12766	.000
**		1.950000	758643.838	1042787.041	86.67919	-100.000
	KT	1.953464	758647.213	1042787.819	84.47394	-100.000
	TK	1.959175	758652.755	1042789.198	84.47382	350.000
	KT	1.991736	758684.672	1042795.580	90.39646	350.000
**		2.000000	758692.842	1042796.822	90.39650	.000
	TK	2.047025	758739.333	1042803.889	90.39650	.000
**		2.050000	758742.277	1042804.322	91.02776	300.000
**		2.100000	758792.136	1042807.197	101.63809	300.000
	KT	2.124509	758816.584	1042805.567	106.83906	300.000
**		2.150000	758841.928	1042802.834	106.83910	.000
**		2.200000	758891.640	1042797.473	106.83910	.000
	TK	2.240917	758932.321	1042793.085	106.83910	-150.000
**		2.250000	758941.376	1042792.385	102.98413	-150.000
	KT	2.288750	758979.887	1042795.562	86.53821	.000

**		2.300000	758990.887	1042797.923	86.53821	.000
**		2.350000	759039.773	1042808.417	86.53821	.000
	TK	2.390601	759079.469	1042816.939	86.53821	-250.000
**		2.400000	759088.620	1042819.084	84.14473	-250.000
	KT	2.411147	759099.358	1042822.071	81.30629	.000
**		2.450000	759136.548	1042833.317	81.30629	.000
	KK	2.465403	759151.292	1042837.775	81.30629	.000
**		2.500000	759184.399	1042847.818	81.24984	.000
	KK	2.536257	759219.095	1042858.343	81.24984	.000
**		2.550000	759232.159	1042862.608	79.90914	.000
**		2.600000	759279.690	1042878.127	79.90914	.000
	TK	2.624779	759303.245	1042885.818	79.90914	-75.000
	KT	2.638537	759315.860	1042891.260	68.23097	-75.000
	TK	2.644966	759321.505	1042894.337	68.23057	.000
**		2.650000	759325.960	1042896.680	70.11555	170.000
	KT	2.669163	759343.502	1042904.369	77.29174	.000
	TK	2.679011	759352.730	1042907.807	77.29174	.000
	KT	2.690821	759363.668	1042912.255	73.53275	.000
**		2.700000	759372.066	1042915.963	73.53275	.000
**		2.750000	759417.806	1042936.156	73.53275	.000
	TK	2.754381	759421.814	1042937.926	73.53275	.000
	KT	2.761574	759428.493	1042940.592	78.11164	100.000
	TK	2.779496	759445.366	1042946.633	78.11171	.000
	KT	2.783910	759448.724	1042949.367	34.88455	-6.500
	TO	2.784615	759449.091	1042949.968	34.88452	.000

*** VÝPOČET UKONČEN ***

Doporučujeme prověřit výsledky

NIVELETA ZADANÁ TEČNAMI

Verze: 2004

Datum zadání:

25.1.2012

Datum výpočtu:

25. 1.2012

Akce: Kladenská cyklostezka - 1. etapa

Trasa: 1. etapa - 3. část

* Použit vstupní soubor Niveleta s názvem ET13.SNI
 * Akce:
 * Trasa:
 * Datum vzniku 08.07.2010 programem HNIV21
 * Datum posl. zápisu 25.01.2012 programem HNIV21
 * Soubor .SNI nového typu

P R O T O K O L O N I V E L E T Ě

číslo vrch.	staničení vrcholu	výška vrcholu	typ obl.	poloměr m	tečna m	vzepětí m	spád %	délka m	mezipřímá m
1	.000000	383.390	0	.000	.000	.000	1.212	8.826	5.534
2	.008826	383.497	3	1000.000	3.292	.005	.554	89.362	66.393
3	.098188	383.992	3	5000.000	19.677	.039	1.341	150.708	110.387
4	.248896	386.013	3	5000.000	20.644	.043	.515	162.447	141.803
5	.411343	386.850	9	.000	.000	.000	.000	9.157	9.157
6	.420500	386.850	9	.000	.000	.000	-1.072	12.132	12.132
7	.432632	386.720	9	.000	.000	.000	.456	72.368	53.686
8	.505000	387.050	3	3000.000	18.682	.058	-.789	95.000	57.474
9	.600000	386.300	3	5000.000	18.844	.036	-.036	140.000	103.846
10	.740000	386.250	3	1500.000	17.310	.100	-2.344	32.000	1.961
11	.772000	385.500	3	1000.000	12.729	.081	.202	198.000	170.170
12	.970000	385.900	3	6500.000	15.101	.018	.667	90.000	69.586
13	1.060000	386.500	3	1500.000	5.313	.009	1.375	40.000	20.846
14	1.100000	387.050	3	1500.000	13.842	.064	-.471	42.500	19.929
15	1.142500	386.850	3	750.000	8.729	.051	1.857	35.000	26.271
16	1.177500	387.500	9	.000	.000	.000	.894	117.500	104.153
17	1.295000	388.550	3	3000.000	13.347	.030	1.783	53.268	10.268
18	1.348268	389.500	3	2000.000	29.652	.220	-1.182	59.232	8.981

19	1.407500	388.800	3	2000.000	20.598	.106			
							.878	307.500	154.652
20	1.715000	391.500	3	20000.000	132.249	.437			
							-.444	270.000	118.111
21	1.985000	390.300	3	3000.000	19.640	.064			
							.865	185.000	140.656
22	2.170000	391.900	3	6500.000	24.704	.047			
							1.625	120.000	82.498
23	2.290000	393.850	3	10000.000	12.798	.008			
							1.369	168.000	138.952
24	2.458000	396.150	3	2600.000	16.250	.051			
							2.619	42.000	14.232
25	2.500000	397.250	3	1500.000	11.518	.044			
							1.083	60.000	29.524
26	2.560000	397.900	3	3500.000	18.958	.051			
							2.167	60.000	26.042
27	2.620000	399.200	3	5000.000	15.000	.023			
							1.567	150.000	128.175
28	2.770000	401.550	3	500.000	6.825	.047			
							-1.163	14.615	7.790
29	2.784615	401.380	0	.000	.000	.000			

* Použit vstupní soubor Staničení s názvem ET13.SSS
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 3. část
 * Datum vzniku 25. 1.2012 programem RP31
 * Datum posl. zápisu 25. 1.2012 programem RP31

* Vytvořen výstupní soubor Staničení s názvem ET13.SSS
 * Akce: Kladenská cyklostezka - 1. etapa
 * Trasa: 1. etapa - 3. část
 * Datum vzniku 25. 1.2012 programem RP31
 * Datum posl. zápisu 25. 1.2012 programem RP31

V Ý P O Č E T V Ý Š E K V P O D R O B N Ý C H B O D E C H

Staničení	označení	výška	spád
.000000	** OT V	383.390	1.212
.005534	ZZ	383.457	1.212
.008826	V	383.492	.883
.011655	TK	383.513	.600
.012118	KZ	383.515	.554
.022449	**	383.572	.554
.031826	KT	383.624	.554
.050000	**	383.725	.554
.050621	TK	383.729	.554
.078511	ZZ	383.883	.554
.086031	KT	383.930	.704
.098188	V	384.031	.947
.100000	**	384.048	.984
.117865	KZ	384.256	1.341
.150000	**	384.687	1.341
.200000	**	385.357	1.341
.212044	KK	385.519	1.341
.228252	ZZ	385.736	1.341
.248896	V	385.970	.928
.250000	**	385.981	.906
.269540	KZ	386.119	.515
.300000	**	386.276	.515

.350000	**		386.534	.515
.400000	**		386.792	.515
.411342		V	386.850	.515
.411343	KK	V	386.850	.000
.420499		V	386.850	.000
.420500		V	386.850	-1.072
.432631		V	386.720	-1.072
.432632	TK	V	386.720	.456
.432633	**	KT	386.720	.456
.445920		TK	386.781	.456
.450000	**		386.799	.456
.470385		KT	386.892	.456
.486318		ZZ	386.965	.456
.499998		VZ	386.996	.000
.500000	**		386.996	.000
.505000		V	386.992	-.167
.523682		KZ	386.903	-.789
.541161	KK		386.765	-.789
.550000	**		386.695	-.789
.581156		ZZ	386.449	-.789
.590092	TK		386.386	-.611
.600000	**	V	386.336	-.413
.605491		KT	386.316	-.303
.618844		KZ	386.293	-.036
.629663		TK	386.289	-.036
.644278		KT	386.284	-.036
.650000	**		386.282	-.036
.684749		TK	386.270	-.036
.698500		KT	386.265	-.036
.700000	**		386.264	-.036
.722690		ZZ	386.256	-.036
.736987		TK	386.183	-.989
.740000		V	386.150	-1.190
.750000	**		385.998	-1.856
.750875		KT	385.981	-1.915
.757310		KZ	385.844	-2.344
.759271		ZZ	385.798	-2.344
.772000		V	385.581	-1.071
.782709		VZ	385.524	.000
.784729		KZ	385.526	.202
.800000	**		385.557	.202
.831673		TK	385.621	.202
.850000	**		385.658	.202
.852397		KT	385.662	.202
.867643		TK	385.693	.202
.880655		KT	385.720	.202
.900000	**		385.759	.202
.919191		TK	385.797	.202
.935518		KT	385.830	.202
.950000	**		385.860	.202
.954899		ZZ	385.869	.202
.970000		V	385.918	.434
.985101		KZ	386.001	.667
1.000000	**		386.100	.667
1.003162		TK	386.121	.667
1.026470		KT	386.276	.667
1.050000	**		386.433	.667
1.054056		TK	386.460	.667
1.054688		ZZ	386.465	.667
1.060000		V	386.509	1.021
1.065313		KZ	386.573	1.375

1.066739	KT	386.593	1.375
1.073893	TK	386.691	1.375
1.086158	ZZ	386.860	1.375
1.098843	KT	386.980	.529
1.100000	** V	386.986	.452
1.106783	VZ	387.001	.000
1.113842	KZ	386.985	-.471
1.133771	ZZ	386.891	-.471
1.137300	VZ	386.883	.000
1.142500	V	386.901	.693
1.150000	**	386.990	1.693
1.151229	KZ	387.012	1.857
1.171044	TK	387.380	1.857
1.177499	V	387.500	1.857
1.177500	V	387.500	.894
1.186456	KT	387.580	.894
1.200000	**	387.701	.894
1.204498	TK	387.741	.894
1.212548	KT	387.813	.894
1.213581	TK	387.822	.894
1.250000	**	388.148	.894
1.273986	KT	388.362	.894
1.281653	ZZ	388.431	.894
1.295000	V	388.580	1.339
1.300000	**	388.651	1.505
1.305282	KK	388.735	1.681
1.308347	KZ	388.788	1.783
1.318616	ZZ	388.971	1.783
1.348268	V	389.280	.301
1.350000	**	389.285	.214
1.354284	VZ	389.289	.000
1.377920	KZ	389.150	-1.182
1.385080	TK	389.065	-1.182
1.386902	ZZ	389.043	-1.182
1.400000	**	388.932	-.527
1.407500	V	388.906	-.152
1.410537	VZ	388.904	.000
1.428098	KZ	388.981	.878
1.433483	KT	389.028	.878
1.433486	TK	389.028	.878
1.450000	**	389.173	.878
1.483783	KT	389.470	.878
1.500000	**	389.612	.878
1.534860	TK	389.918	.878
1.550000	**	390.051	.878
1.582399	KT	390.336	.878
1.582400	TK	390.336	.878
1.582751	ZZ	390.339	.878
1.600000	**	390.483	.792
1.614669	KT	390.594	.718
1.650000	**	390.816	.542
1.651630	KK	390.825	.534
1.689848	KK	390.992	.343
1.700000	**	391.025	.292
1.715000	V	391.063	.217
1.750000	**	391.108	.042
1.758360	VZ	391.110	.000
1.760665	TK	391.110	-.012
1.800000	**	391.066	-.208
1.801223	KT	391.064	-.214
1.801224	TK	391.064	-.214

1.847249		KZ	390.912	-.444
1.850000	**		390.900	-.444
1.867961		KT	390.820	-.444
1.900000	**		390.678	-.444
1.928875		TK	390.549	-.444
1.950000	**		390.456	-.444
1.953464		KT	390.440	-.444
1.959175		TK	390.415	-.444
1.965360		ZZ	390.387	-.444
1.978694		VZ	390.358	.000
1.985000		V	390.364	.210
1.991736		KT	390.386	.435
2.000000	**		390.433	.710
2.004640		KZ	390.470	.865
2.047025		TK	390.836	.865
2.050000	**		390.862	.865
2.100000	**		391.295	.865
2.124509		KT	391.507	.865
2.145296		ZZ	391.686	.865
2.150000	**		391.729	.937
2.170000		V	391.947	1.245
2.194704		KZ	392.301	1.625
2.200000	**		392.387	1.625
2.240917		TK	393.052	1.625
2.250000	**		393.200	1.625
2.277202		ZZ	393.642	1.625
2.288750		KT	393.823	1.510
2.290000		V	393.842	1.497
2.300000	**		393.987	1.397
2.302798		KZ	394.025	1.369
2.350000	**		394.671	1.369
2.390601		TK	395.227	1.369
2.400000	**		395.356	1.369
2.411147		KT	395.509	1.369
2.441750		ZZ	395.928	1.369
2.450000	**		396.054	1.686
2.458000		V	396.201	1.994
2.465403		KK	396.359	2.279
2.474250		KZ	396.576	2.619
2.488482		ZZ	396.948	2.619
2.500000	**	V	397.206	1.851
2.511518		KZ	397.375	1.083
2.536257		KK	397.643	1.083
2.541042		ZZ	397.695	1.083
2.550000	**		397.803	1.339
2.560000		V	397.951	1.625
2.578958		KZ	398.311	2.167
2.600000	**		398.767	2.167
2.605000		ZZ	398.875	2.167
2.620000		V	399.178	1.867
2.624779		TK	399.264	1.771
2.635000		KZ	399.435	1.567
2.638537		KT	399.490	1.567
2.644966		TK	399.591	1.567
2.650000	**		399.670	1.567
2.669163		KT	399.970	1.567
2.679011		TK	400.125	1.567
2.690821		KT	400.310	1.567
2.700000	**		400.453	1.567
2.750000	**		401.237	1.567
2.754381		TK	401.305	1.567

2.761574	KT	401.418	1.567
2.763175	ZZ	401.443	1.567
2.770000	V	401.503	.202
2.771009	VZ	401.504	.000
2.776825	KZ	401.471	-1.163
2.779496	TK	401.440	-1.163
2.783910	KT	401.388	-1.163
2.784615	TO V	401.380	-1.163

*** VÝPOČET UKONČEN BEZ CHYB ***