


Souřadnicový systém: JTSK  
Výškový systém: Bpv

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Objednatel:	KSÚS Karlovarského kraje	Obec:	Toužim, Radyně, Smilov	Kraj:	Karlovarský
Akce: II/207 Modernizace silnice Toužim – Smilov				Datum	Stupeň
				02/2021	DUSP/PDPS
				Souprava	Č. přílohy
Příloha:	VYTYČOVACÍ DATA				C.5.



# SMĚROVÉ VEDENÍ



PONTEX, spol. s r. o.

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

301 00 Plzeň, Plánská 403/5

## SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2017

datum a čas kompilace: 25.11.2017 20:27

Datum zadání: 12.3.2021

Datum výpočtu: 12. 3.2021 9:59:26

Projekt:SMILOV II/207 Modernizace silnice Toužim - Smilov  
 Trasa: SMIL.V12 Smilov

Systém úhlů: grady

Typ	D1	Kontrolní D2	opis DL	vstupních R	údajů A1(-L1)	A2(-L2)	IB1	Y1	X1	IB2	Y2	X2
1	.000	.000	.000	.000	.000	.000	1	844755.648	1030897.953	2	844733.967	1030900.677
3	.000	.000	.000	255.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	6265.000	.000	.000	3	844720.809	1030902.667	4	844694.993	1030907.319
3	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	5	844689.228	1030908.361	6	844643.683	1030916.529
3	.000	.000	.000	-3500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	7	844590.152	1030925.701	8	844569.367	1030929.096
3	.000	.000	.000	-100.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	9	844560.905	1030930.111	10	844534.725	1030932.122
3	.000	.000	.000	-255.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	11	844530.483	1030932.412	12	844492.081	1030934.719
3	.000	.000	.000	-255.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	13	844481.584	1030935.133	14	844460.715	1030935.525
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-910.000	.000	.000	15	844412.633	1030934.115	16	844398.791	1030932.935
3	.000	.000	.000	-565.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-942.000	.000	.000	17	844363.209	1030928.484	18	844319.987	1030920.641
3	.000	.000	.000	-1000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-9433.000	.000	.000	19	844272.091	1030909.558	20	844238.602	1030900.870
2	.000	.000	.000	.000	.000	.000	0	.000	.000	21	844181.454	1030885.934
3	.000	.000	.000	-1457.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	1200.000	.000	.000	22	844150.883	1030877.587	23	844138.828	1030874.222
2	.000	.000	.000	7030.000	.000	.000	0	.000	.000	24	844060.408	1030853.260
3	.000	.000	.000	-1500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	2646.000	.000	.000	25	844034.215	1030846.166	26	843983.993	1030832.608
3	.000	.000	.000	-1300.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	27	843974.059	1030829.988	28	843938.987	1030820.592
3	.000	.000	.000	1300.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	29	843926.708	1030817.367	30	843888.295	1030807.477
2	.000	.000	.000	1200.000	.000	.000	0	.000	.000	31	843858.322	1030800.169
3	.000	.000	.000	333.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	600.000	.000	.000	32	843840.397	1030796.557	33	843760.686	1030788.195
3	.000	.000	.000	662.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	2000.000	.000	.000	34	843665.658	1030791.445	35	843631.065	1030795.433
2	.000	.000	.000	.000	.000	.000	0	.000	.000	36	843565.145	1030803.615
3	.000	.000	.000	700.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	408.000	.000	.000	37	843553.231	1030805.197	38	843524.063	1030810.414
3	.000	.000	.000	700.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	39	843486.404	1030819.669	40	843458.623	1030827.319
3	.000	.000	.000	3000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-3000.000	.000	.000	41	843425.630	1030836.606	42	843401.916	1030843.323
2	.000	.000	.000	.000	.000	.000	0	.000	.000	43	843353.134	1030856.924
3	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	1440.000	.000	.000	44	843318.276	1030866.305	45	843290.728	1030873.744
2	.000	.000	.000	.000	.000	.000	0	.000	.000	46	843241.389	1030887.594
3	.000	.000	.000	9405.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-3000.000	.000	.000	47	843220.670	1030893.436	48	843192.643	1030901.227
3	.000	.000	.000	.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-800.000	.000	.000	49	843134.148	1030917.181	50	843093.456	1030927.142
3	.000	.000	.000	-250.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-500.000	.000	.000	51	843065.280	1030931.597	52	843044.724	1030933.227
2	.000	.000	.000	.000	.000	.000	0	.000	.000	53	842987.350	1030936.586
3	.000	.000	.000	-1200.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	54	842961.671	1030937.813	55	842903.554	1030939.968
3	.000	.000	.000	5000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	915.000	.000	.000	56	842850.387	1030942.223	57	842785.342	1030947.659
3	.000	.000	.000	1203.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	2000.000	.000	.000	58	842767.427	1030949.938	59	842698.568	1030960.450
2	.000	.000	.000	.000	.000	.000	0	.000	.000	60	842428.509	1031006.500
3	.000	.000	.000	3000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	61	842423.689	1031007.326	62	842401.757	1031011.103
3	.000	.000	.000	1500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	544.000	.000	.000	63	842354.510	1031020.020	64	842290.435	1031037.314
3	.000	.000	.000	3000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-3924.000	.000	.000	65	842261.811	1031047.109	66	842214.313	1031063.291
3	.000	.000	.000	6000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	67	842198.430	1031068.613	68	842083.152	1031107.423
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-231.000	.000	.000	69	842053.854	1031116.298	70	842021.647	1031122.573
3	.000	.000	.000	-500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	2014.000	.000	.000	71	841986.832	1031125.589	72	841949.544	1031127.855
3	.000	.000	.000	450.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	283.000	.000	.000	73	841888.789	1031136.305	74	841860.502	1031143.773
3	.000	.000	.000	350.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	704.000	.000	.000	75	841827.796	1031156.075	76	841794.630	1031171.515
3	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	4326.000	.000	.000	77	841776.195	1031180.569	78	841687.894	1031224.628
3	.000	.000	.000	-350.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-95.000	.000	.000	79	841660.056	1031237.410	80	841619.573	1031244.310
3	.000	.000	.000	-250.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	81	841595.248	1031241.920	82	841553.118	1031235.688

SMIL.L12											
3	.000	.000	.000	-4000.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-1696.000	.000	.000	83	841497.687	1031227.090	84	841459.851
3	.000	.000	.000	1200.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	450.000	.000	.000	85	841408.819	1031212.170	86	841395.499
3	.000	.000	.000	5000.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	4000.000	.000	.000	87	841361.180	1031206.798	88	841288.217
3	.000	.000	.000	1000.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	.000	.000	.000	89	841268.185	1031198.369	90	841220.044
3	.000	.000	.000	-1000.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	3000.000	.000	.000	91	841206.910	1031193.974	911	841121.334
3	.000	.000	.000	152.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	300.000	.000	.000	92	841065.848	1031193.924	93	841043.472
3	.000	.000	.000	679.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	.000	.000	.000	94	841020.459	1031211.773	95	840958.599
3	.000	.000	.000	-4888.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-10000.000	.000	.000	96	840930.014	1031252.205	97	840871.862
2	.000	.000	.000	9352.000	.000	.000	0	.000	.000	98	840803.511
3	.000	.000	.000	-1300.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	.000	.000	.000	99	840772.153	1031320.915	100	840654.812
3	.000	.000	.000	350.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	150.000	.000	.000	101	840612.249	1031390.198	102	840581.399
3	.000	.000	.000	280.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	512.000	.000	.000	103	840572.762	1031423.007	104	840521.353
3	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	29810.000	.000	.000	105	840507.876	1031510.108	106	840470.747
2	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	107	840435.641
3	.000	.000	.000	-251.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-1000.000	.000	.000	108	840422.783	1031633.866	109	840398.890
3	.000	.000	.000	.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-600.000	.000	.000	110	840386.578	1031674.853	111	840340.462
3	.000	.000	.000	.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-2675.000	.000	.000	112	840298.636	1031759.400	113	840283.115
3	.000	.000	.000	.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-1276.000	.000	.000	114	840255.313	1031798.693	115	840245.975
2	.000	.000	.000	.000	.000	.000	0	.000	.000	116	840220.707
3	.000	.000	.000	-194.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-71.000	.000	.000	117	840204.564	1031842.309	118	840184.630
3	.000	.000	.000	-2000.000	.000	.000	0	.000	.000	0	.000
1	.000	.000	.000	-91.000	.000	.000	119	840176.832	1031854.655	120	840127.466
2	.000	.000	.000	70.000	.000	.000	0	.000	.000	121	840070.045

\* Vytvořen výstupní soubor Hlavní body směru s názvem SMIL.SHB  
 \* Akce: II/207 Modernizace silnice Toužim – Smilov  
 \* Trasa: Smilov  
 \* Datum vzniku 12. 3.2021 programem RP12  
 \* Datum posl. zápisu 12. 3.2021 programem RP12  
 \* Soubor .SHB nového typu

Údaje o hlavních bodech směrového vedení trasy											
CB	IND	STA	YH	XH	sigma	R	YS	XS	T1	T2(VZP)	alfat
CV	TP	DIF	YP	XP	sigp	A	YT	XT			
1	OT	.000000	844755.648	1030897.953	307.95680	.000	.000	.000			
0	tečna	22.104	.000	.000	.00000	.000	.000	.000	.000	.000	.000000
2	TK	.022104	844733.717	1030900.708	307.95679	255.000	844765.505	1031153.719			
1	kružnice	13.058	.000	.000	.00000	.000	844727.237	1030901.523	6.530	.084	3.25991
3	KK	.035162	844720.808	1030902.667	311.21670	6265.000	845818.946	1037070.675			
1	kružnice	26.082	.000	.000	.00000	.000	844707.971	1030904.953	13.039	.014	.26502
4	KK	.061243	844695.140	1030907.292	311.48173	-2000.000	844336.384	1028939.732			
2	kružnice	5.804	.000	.000	.00000	.000	844692.286	1030907.813	2.901	-.002	-.18474
5	KT	.067047	844689.429	1030908.325	311.29698	.000	.000	.000			
0	tečna	46.470	.000	.000	.00000	.000	.000	.000	.000	.000	.000000
6	TK	.113517	844643.689	1030916.528	311.29698	-3500.000	844025.859	1027471.490			
3	kružnice	54.402	.000	.000	.00000	.000	844616.914	1030921.330	27.202	-.106	-.98953
7	KT	.167919	844590.068	1030925.715	310.30745	.000	.000	.000			
0	tečna	20.985	.000	.000	.00000	.000	.000	.000	.000	.000	.000000
8	TK	.188904	844569.358	1030929.098	310.30745	-100.000	844553.237	1030830.405			
4	kružnice	8.525	.000	.000	.00000	.000	844565.149	1030929.785	4.265	-.091	-5.42689
9	KT	.197429	844560.896	1030930.112	304.88056	.000	.000	.000			
0	tečna	26.231	.000	.000	.00000	.000	.000	.000	.000	.000	.000000
10	TK	.223659	844534.743	1030932.121	304.88056	-255.000	844515.212	1030677.870			
5	kružnice	4.249	.000	.000	.00000	.000	844532.624	1030932.283	2.124	-.009	-1.06067
11	KT	.227908	844530.504	1030932.411	303.81990	.000	.000	.000			
0	tečna	38.496	.000	.000	.00000	.000	.000	.000	.000	.000	.000000
12	TK	.266404	844492.077	1030934.719	303.81990	-255.000	844476.785	1030680.178			
6	kružnice	10.511	.000	.000	.00000	.000	844486.830	1030935.034	5.256	-.054	-2.62423
13	KT	.276916	844481.574	1030935.133	301.19567	.000	.000	.000			
0	tečna	20.875	.000	.000	.00000	.000	.000	.000	.000	.000	.000000
14	TK	.297790	844460.703	1030935.525	301.19567	-500.000	844451.313	1030435.613			
7	kružnice	48.078	.000	.000	.00000	.000	844436.650	1030935.977	24.058	-.578	-6.12146
15	KK	.345868	844412.665	1030934.117	295.07421	-910.000	844483.005	1030026.840			
7	kružnice	13.879	.000	.000	.00000	.000	844405.746	1030933.581	6.940	-.026	-.97095
16	KK	.359747	844398.836	1030932.939	294.10326	-565.000	844451.095	1030370.361			
7	kružnice	35.914	.000	.000	.00000	.000	844380.950	1030931.278	17.963	-.285	-4.04671
17	KK	.395661	844363.205	1030928.483	290.05656	-942.000	844509.740	1029997.950			

7 kružnice	43.733	.000	.000	.00000	SMIL.L12 .000	844341.601	1030925.081	21.871	-.254	-2.95558
18 KK 7 kružnice	.439395 49.384	844320.177 .000	1030920.680 .000	287.10097 .00000	-1000.000 .000	844521.411 844295.986	1029941.137 1030915.710	24.697	-.305	-3.14387
19 KK 7 kružnice	.488779 34.308	844272.069 .000	1030909.552 .000	283.95710 .00000	-9433.000 .000	846624.117 844255.455	1021774.490 1030905.275	17.155	-.016	-.23154
20 KT 0 tečna	.523086 59.295	844238.860 .000	1030900.937 .000	283.72556 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
21 TK 8 kružnice	.582382 31.734	844181.491 .000	1030885.944 .000	283.72556 .00000	-1457.000 .000	844549.913 844166.139	1029476.293 1030881.931	15.868	-.086	-1.38660
22 KK 9 kružnice	.614116 12.543	844150.878 .000	1030877.586 .000	282.33896 .00000	1200.000 .000	843822.229 844144.846	1032031.704 1030875.868	6.272	.016	.66544
23 KK 9 kružnice	.626659 81.108	844138.796 .000	1030874.213 .000	283.00439 .00000	7030.000 .000	842284.237 844099.680	1037655.180 1030863.515	40.553	.117	.73449
24 KK 10 kružnice	.707767 27.135	844060.441 .000	1030853.268 .000	283.73888 .00000	-1500.000 .000	844439.431 844047.321	1029401.936 1030849.843	13.559	-.061	-1.15166
25 KK 11 kružnice	.734902 51.994	844034.249 .000	1030846.175 .000	282.58722 .00000	2646.000 .000	843319.507 844009.234	1033393.813 1030839.157	25.980	.128	1.25095
26 KK 12 kružnice	.786896 10.257	843984.053 .000	1030832.624 .000	283.83817 .00000	-1300.000 .000	844310.550 843979.089	1029574.291 1030831.336	5.128	-.010	-.50228
27 KT 0 tečna	.797153 36.344	843974.136 .000	1030830.008 .000	283.33589 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
28 TK 13 kružnice	.833497 12.697	843939.029 .000	1030820.603 .000	283.33589 .00000	1300.000 .000	843602.615 843932.897	1032076.320 1030818.960	6.349	.016	.62179
29 KT 0 tečna	.846195 39.727	843926.749 .000	1030817.377 .000	283.95768 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
30 TK 14 kružnice	.885922 30.834	843888.276 .000	1030807.472 .000	283.95768 .00000	1200.000 .000	843589.076 843873.345	1031969.573 1030803.628	15.418	.099	1.63581
31 KK 14 kružnice	.916756 18.303	843858.320 .000	1030800.169 .000	285.59350 .00000	333.000 .000	843783.605 843849.400	1031124.678 1030798.115	9.154	.126	3.49909
32 KK 14 kružnice	.935059 80.136	843840.380 .000	1030796.554 .000	289.09259 .00000	600.000 .000	843738.082 843800.840	1031387.769 1030789.712	40.128	1.340	8.50271
33 KK 14 kružnice	1.015195 95.227	843760.741 .000	1030788.197 .000	297.59529 .00000	662.000 .000	843735.741 843713.079	1031449.725 1030786.396	47.696	1.716	9.15761
34 KK 14 kružnice	1.110422 34.828	843665.651 .000	1030791.446 .000	306.75290 .00000	2000.000 .000	843877.402 843648.335	1032780.204 1030793.289	17.414	.076	1.10862
35 KT 0 tečna	1.145251 66.456	843631.053 .000	1030795.435 .000	307.86152 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
36 TK 15 kružnice	1.211707 11.907	843565.103 .000	1030803.620 .000	307.86152 .00000	700.000 .000	843651.325 843559.195	1031498.290 1030804.354	5.953	.025	1.08285
37 KK 15 kružnice	1.223614 29.677	843553.300 .000	1030805.187 .000	308.94437 .00000	408.000 .000	843610.435 843538.601	1031209.167 1030807.266	14.845	.270	4.63069
38 KK 15 kružnice	1.253291 38.830	843524.092 .000	1030810.408 .000	313.57506 .00000	700.000 .000	843672.229 843505.112	1031494.554 1030814.517	19.420	.269	3.53144
39 KT 0 tečna	1.292121 28.909	843486.389 .000	1030819.673 .000	317.10650 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
40 TK 16 kružnice	1.321030 34.213	843458.517 .000	1030827.348 .000	317.10650 .00000	3000.000 .000	844254.976 843442.025	1033719.692 1030831.890	17.106	.049	.72601
41 KK 17 kružnice	1.355243 24.617	843425.585 .000	1030836.619 .000	317.83250 .00000	-3000.000 .000	842596.194 843413.756	1027953.546 1030840.022	12.309	-.025	-.52240
42 KT 0 tečna	1.379860 50.645	843401.899 .000	1030843.328 .000	317.31011 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
43 TK 18 kružnice	1.430505 36.102	843353.115 .000	1030856.929 .000	317.31011 .00000	-2000.000 .000	842815.978 843335.726	1028930.408 1030861.778	18.052	-.081	-1.14918
44 KK 19 kružnice	1.466607 28.530	843318.253 .000	1030866.311 .000	316.16093 .00000	1440.000 .000	843679.891 843304.445	1032260.161 1030869.893	14.265	.071	1.26131
45 KT 0 tečna	1.495137 51.075	843290.710 .000	1030873.749 .000	317.42223 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
46 TK 20 kružnice	1.546213 21.707	843241.536 .000	1030887.553 .000	317.42223 .00000	9405.000 .000	845783.374 843231.088	1039942.556 1030890.486	10.852	.006	.14693
47 KK 21 kružnice	1.567920 29.132	843220.644 .000	1030893.443 .000	317.56916 .00000	-3000.000 .000	842403.187 843206.629	1028006.964 1030897.412	14.566	-.035	-.61821
48 KT 0 tečna	1.597052 60.555	843192.576 .000	1030901.245 .000	316.95095 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
49 TK 22 kružnice	1.657607 41.906	843134.155 .000	1030917.179 .000	316.95095 .00000	-800.000 .000	842923.651 843113.936	1030145.371 1030922.694	20.958	-.274	-3.33475
50 KK 22 kružnice	1.699512 28.524	843093.456 .000	1030927.142 .000	313.61620 .00000	-250.000 .000	843040.392 843079.504	1030682.838 1030930.172	14.277	-.407	-7.26356
51 KK	1.728036	843065.297	1030931.595	306.35264	-500.000	843015.487	1030434.082			

22 kružnice	20.654	.000	.000	.00000	SMIL.L12 .000	843055.010	1030932.625	10.339	-.107	-2.62976
52 KT 0 tečna	1.748690 57.432	843044.709 .000	1030933.228 .000	303.72288 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
53 TK 23 kružnice	1.806123 25.699	842987.375 .000	1030936.585 .000	303.72288 .00000	-1200.000 .000	842917.241 842974.547	1029738.636 1030937.336	12.850	-.069	-1.36336
54 KT 0 tečna	1.831821 58.176	842961.706 .000	1030937.812 .000	302.35952 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
55 TK 24 kružnice	1.889997 53.238	842903.570 .000	1030939.967 .000	302.35952 .00000	5000.000 .000	843088.844 842876.970	1035936.534 1030940.954	26.619	.071	.67784
56 KK 24 kružnice	1.943235 65.172	842850.381 .000	1030942.223 .000	303.03736 .00000	915.000 .000	842894.019 842817.818	1031856.182 1030943.778	32.600	.581	4.53438
57 KK 24 kružnice	2.008407 18.278	842785.449 .000	1030947.646 .000	307.57174 .00000	1203.000 .000	842928.193 842776.374	1032142.147 1030948.731	9.139	.035	.96727
58 KK 24 kružnice	2.026686 69.527	842767.317 .000	1030949.953 .000	308.53902 .00000	2000.000 .000	843034.774 842732.863	1032931.989 1030954.602	34.766	.302	2.21309
59 KT 0 tečna	2.096212 273.945	842698.590 .000	1030960.446 .000	310.75211 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
60 TK 25 kružnice	2.370157 4.943	842428.544 .000	1031006.494 .000	310.75211 .00000	3000.000 .000	842932.820 842426.108	1033963.808 1031006.909	2.471	.001	.10488
61 KT 0 tečna	2.375099 22.285	842423.672 .000	1031007.329 .000	310.85699 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
62 TK 26 kružnice	2.397385 48.021	842401.710 .000	1031011.111 .000	310.85699 .00000	1500.000 .000	842656.284 842378.047	1032489.351 1031015.186	24.012	.192	2.03805
63 KK 26 kružnice	2.445405 66.425	842354.525 .000	1031020.017 .000	312.89504 .00000	544.000 .000	842463.963 842321.951	1031552.895 1031026.707	33.254	1.015	7.77337
64 KK 26 kružnice	2.511830 30.264	842290.435 .000	1031037.314 .000	320.66840 .00000	3000.000 .000	843247.391 842276.094	1033880.593 1031042.141	15.132	.038	.64221
65 KK 27 kružnice	2.542094 50.263	842261.802 .000	1031047.112 .000	321.31062 .00000	-3924.000 .000	840972.651 842238.055	1027340.919 1031055.372	25.142	-.080	-.81547
66 KK 28 kružnice	2.592357 16.851	842214.223 .000	1031063.321 .000	320.49515 .00000	6000.000 .000	844112.652 842206.233	1036755.067 1031065.986	8.423	.006	.17879
67 KT 0 tečna	2.609208 121.446	842198.247 .000	1031068.675 .000	320.67394 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
68 TK 29 kružnice	2.730653 30.609	842083.149 .000	1031107.424 .000	320.67394 .00000	-500.000 .000	841923.615 842068.640	1030633.558 1031112.309	15.309	-.234	-3.89723
69 KK 29 kružnice	2.761262 32.834	842053.859 .000	1031116.297 .000	316.77670 .00000	-231.000 .000	841993.686 842037.982	1030893.271 1031120.580	16.445	-.585	-9.04888
70 KK 29 kružnice	2.794096 34.980	842021.658 .000	1031122.572 .000	307.72782 .00000	-500.000 .000	841961.113 842004.290	1030626.251 1031124.690	17.497	-.306	-4.45375
71 KK 30 kružnice	2.829076 37.331	841986.816 .000	1031125.590 .000	303.27407 .00000	2014.000 .000	842090.348 841968.175	1033136.927 1031126.549	18.666	.086	1.18001
72 KK 30 kružnice	2.866407 61.397	841949.555 .000	1031127.854 .000	304.45408 .00000	450.000 .000	841981.013 841918.884	1031576.753 1031130.004	30.746	1.049	8.68590
73 KK 30 kružnice	2.927804 29.270	841888.790 .000	1031136.305 .000	313.13998 .00000	283.000 .000	841946.788 841874.453	1031413.298 1031139.307	14.648	.379	6.58448
74 KK 30 kružnice	2.957074 34.960	841860.502 .000	1031143.773 .000	319.72446 .00000	350.000 .000	841967.216 841843.841	1031477.108 1031149.107	17.494	.437	6.35889
75 KK 30 kružnice	2.992034 36.586	841827.794 .000	1031156.076 .000	326.08335 .00000	704.000 .000	842108.232 841811.010	1031801.809 1031163.365	18.298	.238	3.30841
76 KK 31 kružnice	3.028620 20.543	841794.630 .000	1031171.515 .000	329.39177 .00000	-2000.000 .000	840903.716 841785.434	1029380.908 1031176.091	10.272	-.026	-.65391
77 KK 32 kružnice	3.049163 98.681	841776.191 .000	1031180.571 .000	328.73786 .00000	4326.000 .000	843663.355 841731.773	1035073.242 1031202.105	49.362	.281	1.45219
78 KK 33 kružnice	3.147843 30.643	841687.894 .000	1031224.628 .000	330.19005 .00000	-350.000 .000	841528.067 841674.255	1030913.251 1031231.629	15.331	-.336	-5.57363
79 KK 33 kružnice	3.178486 41.392	841660.056 .000	1031237.410 .000	324.61642 .00000	-95.000 .000	841624.230 841640.579	1031149.424 1031245.341	21.029	-2.300	-27.73784
80 KK 33 kružnice	3.219878 24.457	841619.574 .000	1031244.310 .000	296.87858 .00000	-250.000 .000	841631.827 841607.350	1030994.610 1031243.710	12.238	-.299	-6.22787
81 KT 0 tečna	3.244335 42.522	841595.244 .000	1031241.919 .000	290.65072 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
82 TK 34 kružnice	3.286857 56.253	841553.179 .000	1031235.697 .000	290.65072 .00000	-4000.000 .000	842138.503 841525.355	1027278.754 1031231.581	28.128	-.099	-.89530
83 KK 34 kružnice	3.343110 38.331	841497.591 .000	1031227.074 .000	289.75541 .00000	-1696.000 .000	841769.338 841478.672	1029552.987 1031224.003	19.167	-.108	-1.43881
84 KK 35 kružnice	3.381441 51.642	841459.828 .000	1031220.506 .000	288.31660 .00000	1200.000 .000	841240.835 841434.437	1032400.354 1031215.793	25.825	.278	2.73968
85 KK	3.433083	841408.866	1031212.177	291.05628	450.000	841345.855	1031657.743			



35 kružnice	13.439	.000	.000	.00000	SMIL.L12 .000	841402.213	1031211.236	6.720	.050	1.90116
86 KK 35 kružnice	3.446521 34.159	841395.534 .000	1031210.494 .000	292.95744 .00000	5000.000 .000	840843.540 841378.562	1036179.931 1031208.609	17.077	.029	.43492
87 KK 35 kružnice	3.480681 73.632	841361.572 .000	1031206.839 .000	293.39236 .00000	4000.000 .000	840947.147 841324.950	1035185.312 1031203.024	36.820	.169	1.17189
88 KK 35 kružnice	3.554313 20.086	841288.270 .000	1031199.885 .000	294.56425 .00000	1000.000 .000	841202.989 841278.263	1032196.241 1031199.028	10.043	.050	1.27873
89 KT 0 tečna	3.574399 33.652	841268.241 .000	1031198.373 .000	295.84298 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
90 TK 36 kružnice	3.608051 27.857	841234.661 .000	1031196.177 .000	295.84298 .00000	-1000.000 .000	841299.913 841220.761	1030198.308 1031195.268	13.929	-.097	-1.77343
91 KK 37 kružnice	3.635908 85.824	841206.892 .000	1031193.972 .000	294.06955 .00000	3000.000 .000	840927.830 841164.169	1034180.965 1031189.981	42.909	.307	1.82123
92 KK 37 kružnice	3.721732 56.210	841121.338 .000	1031187.212 .000	295.89078 .00000	152.000 .000	841111.534 841092.968	1031338.896 1031185.378	28.430	2.636	23.54244
93 KK 37 kružnice	3.777942 23.780	841065.852 .000	1031193.923 .000	319.43322 .00000	300.000 .000	841156.013 841054.506	1031480.054 1031197.498	11.896	.236	5.04618
94 KK 37 kružnice	3.801721 25.032	841043.479 .000	1031201.960 .000	324.47940 .00000	679.000 .000	841298.182 841031.875	1031831.378 1031206.656	12.517	.115	2.34696
95 KT 0 tečna	3.826754 67.898	841020.453 .000	1031211.776 .000	326.82636 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
96 TK 38 kružnice	3.894652 31.428	840958.494 .000	1031239.548 .000	326.82636 .00000	-4888.000 .000	838959.170 840944.154	1026779.139 1031245.976	15.715	-.025	-.40933
97 KK 38 kružnice	3.926079 63.150	840929.774 .000	1031252.311 .000	326.41704 .00000	-10000.000 .000	836898.261 840900.878	1022100.977 1031265.041	31.576	-.050	-.40203
98 KK 39 kružnice	3.989229 74.668	840871.903 .000	1031277.587 .000	326.01501 .00000	9352.000 .000	844588.053 840837.644	1039859.553 1031292.422	37.333	.075	.50828
99 KK 40 kružnice	4.063897 34.099	840803.503 .000	1031307.531 .000	326.52329 .00000	-1300.000 .000	840277.421 840787.918	1030118.734 1031314.427	17.043	-.112	-1.66988
100 KT 0 tečna	4.097997 126.877	840772.143 .000	1031320.919 .000	324.85341 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
101 TK 41 kružnice	4.224874 47.494	840654.812 .000	1031369.203 .000	324.85341 .00000	350.000 .000	840788.006 840632.818	1031692.868 1031378.254	23.783	.807	8.63871
102 KK 41 kružnice	4.272368 39.051	840612.251 .000	1031390.197 .000	333.49212 .00000	150.000 .000	840687.575 840595.270	1031519.913 1031400.058	19.636	1.280	16.57374
103 KK 41 kružnice	4.311419 12.507	840581.399 .000	1031413.957 .000	350.06586 .00000	280.000 .000	840779.594 840576.981	1031611.742 1031418.384	6.255	.070	2.84369
104 KK 41 kružnice	4.323926 84.225	840572.765 .000	1031423.004 .000	352.90955 .00000	512.000 .000	840950.966 840544.313	1031768.125 1031454.184	42.210	1.737	10.47253
105 KK 42 kružnice	4.408151 24.539	840521.353 .000	1031489.598 .000	363.38208 .00000	-2000.000 .000	838843.178 840514.678	1030401.605 1031499.894	12.270	-.038	-.78112
106 KK 43 kružnice	4.432690 67.091	840507.878 .000	1031510.106 .000	362.60097 .00000	29810.000 .000	865320.222 840489.180	1048032.324 1031538.186	33.736	.019	.14327
107 KK 44 kružnice	4.499781 62.132	840470.757 .000	1031565.988 .000	362.74424 .00000	-2000.000 .000	838803.567 840453.595	1030461.235 1031591.887	31.069	-.241	-1.97774
108 KK 44 kružnice	4.561913 21.026	840435.637 .000	1031617.240 .000	360.76649 .00000	-251.000 .000	840230.813 840429.557	1031472.161 1031625.824	10.520	-.220	-5.33300
109 KK 44 kružnice	4.582940 34.053	840422.780 .000	1031633.869 .000	355.43349 .00000	-1000.000 .000	839657.970 840411.810	1030989.614 1031646.892	17.027	-.145	-2.16788
110 KT 0 tečna	4.616993 22.035	840400.402 .000	1031659.535 .000	353.26561 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
111 TK 45 kružnice	4.639027 56.153	840385.641 .000	1031675.894 .000	353.26561 .00000	-600.000 .000	839940.181 840366.818	1031273.942 1031696.755	28.097	-.658	-5.95803
112 KT 0 tečna	4.695180 64.518	840346.128 .000	1031715.764 .000	347.30758 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
113 TK 46 kružnice	4.759699 21.046	840298.619 .000	1031759.416 .000	347.30758 .00000	-2675.000 .000	838488.772 840290.869	1029789.624 1031766.536	10.523	-.021	-.50088
114 KT 0 tečna	4.780745 37.401	840283.065 .000	1031773.594 .000	346.80671 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
115 TK 47 kružnice	4.818145 12.506	840255.326 .000	1031798.681 .000	346.80671 .00000	-1276.000 .000	839399.431 840250.688	1030852.309 1031802.876	6.253	-.015	-.62394
116 KT 0 tečna	4.830651 33.816	840246.010 .000	1031807.024 .000	346.18277 .00000	.000 .000	.000 .000	.000 .000	.000	.000	.00000
117 TK 48 kružnice	4.864467 20.644	840220.708 .000	1031829.460 .000	346.18277 .00000	-194.000 .000	840091.997 840212.978	1031684.307 1031836.315	10.332	-.275	-6.77458
118 KK 48 kružnice	4.885111 22.355	840204.563 .000	1031842.310 .000	339.40819 .00000	-71.000 .000	840163.366 840195.384	1031784.484 1031848.849	11.271	-.889	-20.04480
119 KK	4.907466	840184.630	1031852.225	319.36339	-2000.000	839585.647	1029944.027			

48 kružnice	8.167	.000	.000	.00000	SMIL.L12 .000	840180.734	1031853.448	4.084	-.004	-.25997
120 KK	4.915633	840176.833	1031854.655	319.10342	-91.000	840149.934	1031767.722			
48 kružnice	50.010	.000	.000	.00000	.000	840152.326	1031862.238	25.653	-3.547	-34.98598
121 KK	4.965643	840127.466	1031855.904	284.11744	70.000	840110.182	1031923.737			
49 kružnice	60.209	.000	.000	.00000	.000	840096.351	1031847.976	32.109	7.013	54.75706
122 KO	5.025852	840070.045	1031866.387	338.87450	70.000	.000	.000			

čís.vrch.	Údaje o vrcholech	Údaje o vrcholech	Údaje o vrcholech	Údaje o vrcholech	Údaje o vrcholech
	YT	XT	T1	T2	alfat
0	844755.648	1030897.953	.000	.000	.00000
1	844725.777	1030901.706	8.002	31.141	3.52493
2	844692.284	1030907.813	2.903	2.901	-.18474
3	844616.914	1030921.330	27.202	27.201	-.98953
4	844565.149	1030929.785	4.265	4.265	-5.42689
5	844532.624	1030932.283	2.125	2.124	-1.06067
6	844486.830	1030935.034	5.257	5.256	-2.62423
7	844377.201	1030937.094	83.517	142.988	-17.47011
8	844166.139	1030881.931	15.868	15.868	-1.38660
9	844121.217	1030869.139	30.840	62.814	1.39993
10	844047.321	1030849.843	13.559	13.577	-1.15166
11	844009.234	1030839.157	25.980	26.015	1.25095
12	843979.089	1030831.336	5.129	5.128	-.50228
13	843932.897	1030818.961	6.348	6.349	.62179
14	843773.061	1030777.808	118.972	143.098	23.90384
15	843527.930	1030808.234	37.458	43.087	9.24498
16	843442.025	1030831.890	17.106	17.107	.72601
17	843413.755	1030840.022	12.310	12.308	-.52240
18	843335.726	1030861.778	18.052	18.052	-1.14918
19	843304.445	1030869.893	14.265	14.266	1.26131
20	843231.088	1030890.486	10.852	10.854	.14693
21	843206.629	1030897.413	14.567	14.566	-.61821
22	843083.677	1030930.946	52.322	39.034	-13.22808
23	842974.547	1030937.336	12.850	12.849	-1.36336
24	842795.100	1030943.989	108.544	97.903	8.39259
25	842426.109	1031006.909	2.469	2.473	.10488
26	842329.600	1031023.530	73.172	71.782	10.45363
27	842238.055	1031055.372	25.142	25.122	-.81547
28	842206.237	1031065.985	8.419	8.431	.17879
29	842036.839	1031123.015	48.864	50.089	-17.39986
30	841875.407	1031131.325	111.557	90.223	26.11769
31	841785.434	1031176.091	10.272	10.271	-.65391
32	841731.773	1031202.105	49.362	49.322	1.45219
33	841641.016	1031248.690	52.693	46.270	-39.53933
34	841496.511	1031227.315	57.285	37.310	-2.33412
35	841379.933	1031205.676	81.259	111.931	7.52638
36	841220.761	1031195.268	13.929	13.929	-1.77343
37	841085.478	1031182.629	121.943	71.259	32.75682
38	840922.771	1031255.560	39.148	55.433	-.81136
39	840837.644	1031292.422	37.333	37.335	.50828
40	840787.918	1031314.428	17.043	17.058	-1.66988
41	840579.247	1031400.299	81.713	106.424	38.52867
42	840514.678	1031499.894	12.270	12.270	-.78112
43	840489.180	1031538.186	33.736	33.351	.14327
44	840431.899	1031624.629	70.348	47.015	-9.47862
45	840366.818	1031696.755	28.097	28.097	-5.95803
46	840290.869	1031766.536	10.524	10.522	-.50088
47	840250.688	1031802.876	6.253	6.252	-.62394
48	840176.731	1031868.456	58.777	50.839	-62.06533
49	840096.351	1031847.976	32.109	32.109	54.75706
50	840070.045	1031866.387	.000	.000	.00000

\* Vytvořen výstupní soubor Staničení s názvem SMIL.SSS  
 \* Akce: II/207 Modernizace silnice Toužim - Smilov  
 \* Trasa: Smilov  
 \* Datum vzniku 12. 3.2021 programem RP12  
 \* Datum posl. zápisu 12. 3.2021 programem RP12

WB	Údaje o podrobných bodech trasy	STA	Y	X	sig	R
** OT	.000000	844755.648	1030897.953	307.95679	.000	
**	.020000	844735.804	1030900.446	307.95679	.000	
TK	.022104	844733.717	1030900.708	307.95679	255.000	
KK	.035162	844720.808	1030902.667	311.21670	6265.000	
**	.040000	844716.045	1030903.517	311.26587	6265.000	
**	.060000	844696.363	1030907.069	311.46910	6265.000	
KK	.061243	844695.140	1030907.292	311.48173	6265.000	
KT	.067047	844689.429	1030908.325	311.29699	-2000.000	
**	.080000	844676.679	1030910.611	311.29698	.000	
**	.100000	844656.994	1030914.142	311.29698	.000	
TK	.113517	844643.689	1030916.528	311.29698	-3500.000	
**	.120000	844637.307	1030917.666	311.17906	-3500.000	
**	.140000	844617.604	1030921.104	310.81528	-3500.000	
**	.160000	844597.883	1030924.429	310.45149	-3500.000	
KT	.167919	844590.068	1030925.715	310.30745	.000	
**	.180000	844578.145	1030927.662	310.30745	.000	
TK	.188904	844569.358	1030929.098	310.30745	.000	
KT	.197429	844560.896	1030930.112	304.88056	.000	
**	.200000	844558.332	1030930.309	304.88056	.000	
**	.220000	844538.391	1030931.840	304.88056	.000	
TK	.223659	844534.743	1030932.121	304.88056	.000	
KT	.227908	844530.504	1030932.411	303.81989	.000	
**	.240000	844518.434	1030933.136	303.81989	.000	
**	.260000	844498.470	1030934.335	303.81989	.000	
TK	.266404	844492.077	1030934.719	303.81989	.000	

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KT	.276916	844481.574	1030935.133	301.19567	.000
**	.280000	844478.491	1030935.191	301.19567	.000
TK	.297790	844460.704	1030935.525	301.19567	.000
**	.300000	844458.494	1030935.562	300.91431	-500.000
**	.320000	844438.496	1030935.449	298.36783	-500.000
**	.340000	844418.518	1030934.537	295.82135	-500.000
KK	.345868	844412.665	1030934.117	295.07422	-500.000
KK	.359747	844398.836	1030932.939	294.10326	-565.000
**	.360000	844398.584	1030932.916	294.07474	-565.000
**	.380000	844378.708	1030930.705	291.82122	-565.000
KK	.395661	844363.206	1030928.483	290.05660	-565.000
**	.400000	844358.921	1030927.799	289.76334	-942.000
**	.420000	844339.214	1030924.387	288.41171	-942.000
KK	.439395	844320.177	1030920.680	287.10097	-1000.000
**	.440000	844319.585	1030920.558	287.06244	-1000.000
**	.460000	844300.038	1030916.326	285.78920	-1000.000
**	.480000	844280.580	1030911.704	284.51596	-1000.000
KK	.488779	844272.069	1030909.552	283.95710	-9433.000
**	.500000	844261.203	1030906.748	283.88137	-9433.000
**	.520000	844241.846	1030901.717	283.74639	-9433.000
KT	.523086	844238.860	1030900.938	283.72556	-9433.000
**	.540000	844222.495	1030896.660	283.72555	.000
**	.560000	844203.145	1030891.603	283.72555	.000
**	.574310	844189.300	1030887.985	283.72555	.000
**	.580000	844183.795	1030886.546	283.72555	.000
TK	.582382	844181.491	1030885.944	283.72555	-1457.000
**	.600000	844164.473	1030881.386	282.95574	-1457.000
KK	.614116	844150.878	1030877.586	282.33896	1200.000
**	.620000	844145.215	1030875.988	282.65112	1200.000
KK	.626659	844138.796	1030874.213	283.00439	1200.000
**	.640000	844125.925	1030870.706	283.12520	7030.000
**	.660000	844106.616	1030865.494	283.30632	7030.000
**	.680000	844087.292	1030860.337	283.48743	7030.000
**	.700000	844067.954	1030855.235	283.66855	7030.000
KK	.707767	844060.440	1030853.268	283.73888	7030.000
**	.720000	844048.617	1030850.130	283.21970	-1500.000
KK	.734902	844034.250	1030846.176	282.58724	-1500.000
**	.740000	844029.340	1030844.803	282.70987	2646.000
**	.760000	844010.053	1030839.511	283.19106	2646.000
**	.780000	843990.726	1030834.364	283.67225	2646.000
KK	.786896	843984.053	1030832.623	283.83817	2646.000
KT	.797153	843974.136	1030830.009	283.33590	-1300.000
**	.800000	843971.386	1030829.272	283.33589	.000
**	.820000	843952.067	1030824.096	283.33589	.000
TK	.833497	843939.030	1030820.603	283.33589	.000
**	.840000	843932.744	1030818.936	283.65433	1300.000
KT	.846195	843926.749	1030817.377	283.95768	.000
**	.860000	843913.379	1030813.935	283.95768	.000
**	.880000	843894.011	1030808.949	283.95768	.000
TK	.885922	843888.276	1030807.472	283.95768	1200.000
**	.900000	843874.622	1030804.042	284.70455	1200.000
KK	.916756	843858.320	1030800.169	285.59349	1200.000
**	.920000	843855.156	1030799.456	286.21362	333.000
KK	.935059	843840.380	1030796.554	289.09255	333.000
**	.940000	843835.508	1030795.732	289.61682	600.000
**	.960000	843815.723	1030792.814	291.73889	600.000
**	.980000	843795.852	1030790.557	293.86095	600.000
**	1.000000	843775.916	1030788.963	295.98302	600.000
KK	1.015195	843760.741	1030788.197	297.59526	600.000
**	1.020000	843755.939	1030788.033	298.05733	662.000
**	1.035180	843740.762	1030787.744	299.51714	662.000
**	1.040000	843735.942	1030787.725	299.98066	662.000
**	1.060000	843715.945	1030788.021	301.90398	662.000
**	1.080000	843695.966	1030788.921	303.82730	662.000
**	1.100000	843676.023	1030790.424	305.75062	662.000
KK	1.110422	843665.652	1030791.446	306.75287	662.000
**	1.120000	843656.130	1030792.483	307.05777	2000.000
**	1.140000	843636.264	1030794.795	307.69439	2000.000
KT	1.145251	843631.053	1030795.435	307.86152	.000
**	1.160000	843616.416	1030797.251	307.86152	.000
**	1.180000	843596.568	1030799.715	307.86152	.000
**	1.200000	843576.721	1030802.178	307.86152	.000
TK	1.211707	843565.103	1030803.620	307.86152	700.000
**	1.220000	843556.879	1030804.690	308.61574	700.000
KK	1.223614	843553.300	1030805.187	308.94437	408.000
**	1.240000	843537.125	1030807.807	311.50122	408.000
KK	1.253291	843524.092	1030810.408	313.57506	700.000
**	1.260000	843517.542	1030811.859	314.18522	700.000
**	1.280000	843498.102	1030816.557	316.00413	700.000
KT	1.292121	843486.389	1030819.673	317.10648	700.000
**	1.300000	843478.792	1030821.765	317.10650	.000
**	1.320000	843459.510	1030827.075	317.10650	.000
TK	1.321030	843458.517	1030827.348	317.10650	.000
**	1.340000	843440.244	1030832.442	317.50905	3000.000
KK	1.355243	843425.585	1030836.619	317.83250	-3000.000
**	1.360000	843421.012	1030837.931	317.73155	-3000.000
KT	1.379860	843401.900	1030843.328	317.31011	-3000.000
**	1.380000	843401.764	1030843.365	317.31010	.000
**	1.400000	843382.499	1030848.737	317.31010	.000
**	1.420000	843363.234	1030854.108	317.31010	.000
TK	1.430505	843353.115	1030856.929	317.31010	.000
**	1.440000	843343.963	1030859.458	317.00787	-2000.000
**	1.460000	843324.646	1030864.641	316.37125	-2000.000
KK	1.466607	843318.254	1030866.311	316.16094	-2000.000
**	1.480000	843305.305	1030869.735	316.75301	1440.000
KT	1.495137	843290.711	1030873.749	317.42222	1440.000
**	1.500000	843286.029	1030875.063	317.42223	.000
**	1.520000	843266.773	1030880.468	317.42223	.000
**	1.540000	843247.517	1030885.874	317.42223	.000
TK	1.546213	843241.536	1030887.553	317.42223	9405.000
**	1.560000	843228.264	1030891.289	317.51556	9405.000
KK	1.567920	843220.644	1030893.443	317.56916	-3000.000

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**		1.580000	843209.014	1030896.712	317.31280
KT		1.597052	843192.576	1030901.245	316.95095
**		1.600000	843189.732	1030902.021	316.95095
**		1.620000	843170.437	1030907.284	316.95095
**		1.640000	843151.141	1030912.546	316.95095
TK		1.657607	843134.155	1030917.179	316.95095
**		1.660000	843131.845	1030917.805	316.76049
**		1.680000	843112.471	1030922.768	315.16894
KK		1.699512	843093.456	1030927.142	313.61623
**		1.700000	843092.979	1030927.245	313.49200
**		1.720000	843073.279	1030930.666	308.39904
KK		1.728036	843065.298	1030931.595	306.35269
**		1.740000	843053.380	1030932.644	304.82936
KT		1.748690	843044.710	1030933.227	303.72291
**		1.760000	843033.419	1030933.889	303.72288
**		1.780000	843013.453	1030935.058	303.72288
**		1.800000	842993.487	1030936.227	303.72288
TK		1.806123	842987.375	1030936.585	303.72288
**		1.820000	842973.517	1030937.315	302.98666
KT		1.831821	842961.707	1030937.812	302.35954
**		1.840000	842953.533	1030938.115	302.35952
**		1.860000	842933.547	1030938.856	302.35952
**		1.880000	842913.561	1030939.597	302.35952
TK		1.889997	842903.571	1030939.967	302.35952
**		1.900000	842893.575	1030940.348	302.48688
**		1.920000	842873.592	1030941.169	302.74153
**		1.940000	842853.612	1030942.070	302.99617
KK		1.943235	842850.381	1030942.223	303.03736
**		1.960000	842833.643	1030943.176	304.20377
**		1.980000	842813.703	1030944.714	305.59529
**		2.000000	842793.801	1030946.687	306.98681
KK		2.008407	842785.449	1030947.646	307.57174
**		2.020000	842773.945	1030949.077	308.18523
KK		2.026686	842767.317	1030949.953	308.53902
**		2.040000	842754.128	1030951.777	308.96283
**		2.060000	842734.340	1030954.683	309.59945
**		2.080000	842714.583	1030957.786	310.23607
KT		2.096212	842698.590	1030960.446	310.75211
**		2.100000	842694.856	1030961.083	310.75211
**		2.120000	842675.141	1030964.445	310.75211
**		2.140000	842655.426	1030967.807	310.75211
**		2.160000	842635.710	1030971.168	310.75211
**		2.180000	842615.995	1030974.530	310.75211
**		2.200000	842596.279	1030977.892	310.75211
**		2.220000	842576.564	1030981.254	310.75211
**		2.240000	842556.848	1030984.616	310.75211
**		2.260000	842537.133	1030987.978	310.75211
**		2.280000	842517.418	1030991.339	310.75211
**		2.298680	842499.003	1030994.479	310.75211
**		2.300000	842497.702	1030994.701	310.75211
**		2.320000	842477.987	1030998.063	310.75211
**		2.340000	842458.271	1031001.425	310.75211
**		2.360000	842438.556	1031004.787	310.75211
TK		2.370157	842428.544	1031006.494	310.75211
KT		2.375099	842423.672	1031007.329	310.85699
**		2.380000	842418.843	1031008.161	310.85699
TK		2.397385	842401.710	1031011.111	310.85699
**		2.400000	842399.133	1031011.557	310.96798
**		2.420000	842379.453	1031015.117	311.81681
**		2.440000	842359.822	1031018.939	312.66564
KK		2.445405	842354.525	1031020.017	312.89503
**		2.460000	842340.270	1031023.144	314.60299
**		2.480000	842320.882	1031028.049	316.94351
**		2.500000	842301.687	1031033.663	319.28402
KK		2.511830	842290.435	1031037.314	320.66840
**		2.520000	842282.695	1031039.931	320.84178
**		2.540000	842263.779	1031046.425	321.26619
KK		2.542094	842261.802	1031047.112	321.31062
**		2.560000	842244.876	1031052.956	321.02011
**		2.580000	842225.940	1031059.392	320.69563
KK		2.592357	842214.223	1031063.321	320.49515
**		2.600000	842206.975	1031065.744	320.57624
KT		2.609208	842198.247	1031068.675	320.67393
**		2.620000	842188.018	1031072.118	320.67393
**		2.640000	842169.064	1031078.500	320.67393
**		2.660000	842150.109	1031084.881	320.67393
**		2.680000	842131.154	1031091.262	320.67393
**		2.700000	842112.200	1031097.644	320.67393
**		2.720000	842093.245	1031104.025	320.67393
TK		2.730653	842083.149	1031107.424	320.67393
**		2.740000	842074.263	1031110.323	319.48387
**		2.760000	842055.077	1031115.966	316.93739
KK		2.761262	842053.859	1031116.297	316.77671
**		2.774230	842041.250	1031119.322	313.20282
**		2.780000	842035.590	1031120.439	311.61265
KK		2.794096	842021.658	1031122.572	307.72789
**		2.800000	842015.794	1031123.252	306.97613
**		2.820000	841995.875	1031125.041	304.42965
KK		2.829076	841986.816	1031125.590	303.27407
**		2.840000	841975.908	1031126.181	303.61938
**		2.860000	841955.946	1031127.417	304.25157
KK		2.866407	841949.555	1031127.854	304.45408
**		2.880000	841936.011	1031129.009	306.37714
**		2.900000	841916.162	1031131.451	309.20656
**		2.920000	841896.442	1031134.772	312.03598
KK		2.927804	841888.790	1031136.305	313.13998
**		2.940000	841876.910	1031139.061	315.88358
KK		2.957074	841860.502	1031143.773	319.72444
**		2.960000	841857.719	1031144.677	320.25665
**		2.980000	841838.912	1031151.473	323.89448
KK		2.992034	841827.794	1031156.076	326.08335
**		3.000000	841820.505	1031159.290	326.80371

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**		3.020000	841802.371	1031167.723	328.61229 704.000
KK		3.028620	841794.630	1031171.515	329.39176 -2000.000
**		3.040000	841784.427	1031176.555	329.02952 -2000.000
KK		3.049163	841776.191	1031180.571	328.73786 4326.000
**		3.060000	841766.445	1031185.311	328.89734 4326.000
**		3.080000	841748.491	1031194.123	329.19166 4326.000
**		3.100000	841730.577	1031203.017	329.48599 4326.000
**		3.120000	841712.705	1031211.994	329.78031 4326.000
**		3.140000	841694.875	1031221.053	330.07463 4326.000
KK		3.147843	841687.894	1031224.628	330.19005 4326.000
**		3.160000	841676.985	1031229.990	327.97885 -350.000
KK		3.178486	841660.056	1031237.410	324.61642 -95.000
**		3.180000	841658.649	1031237.970	323.60176 -95.000
**		3.200000	841639.385	1031243.208	310.19924 -95.000
KK		3.219878	841619.574	1031244.310	296.87858 -250.000
**		3.220000	841619.452	1031244.304	296.84747 -250.000
**		3.240000	841599.537	1031242.517	291.75451 -250.000
KT		3.244335	841595.244	1031241.919	290.65071 .000
**		3.260000	841579.747	1031239.627	290.65071 .000
**		3.280000	841559.963	1031236.700	290.65071 .000
TK		3.286857	841553.179	1031235.697	290.65071 .000
**		3.300000	841540.181	1031233.752	290.44154 -4000.000
**		3.320000	841520.414	1031230.711	290.12323 -4000.000
**		3.340000	841500.662	1031227.572	289.80492 -4000.000
KK		3.343110	841497.592	1031227.075	289.75542 -4000.000
**		3.360000	841480.933	1031224.285	289.12143 -1696.000
**		3.380000	841461.245	1031220.768	288.37070 -1696.000
KK		3.381441	841459.828	1031220.506	288.31660 -1696.000
**		3.400000	841441.555	1031217.260	289.30118 1200.000
**		3.420000	841421.810	1031214.079	290.36222 1200.000
KK		3.433083	841408.866	1031212.177	291.05628 450.000
**		3.440000	841402.010	1031211.261	292.03485 450.000
KK		3.446521	841395.534	1031210.494	292.95738 450.000
**		3.460000	841382.136	1031209.024	293.12906 5000.000
**		3.480000	841362.248	1031206.909	293.38370 5000.000
KK		3.480681	841361.572	1031206.839	293.39236 4000.000
**		3.500000	841342.351	1031204.884	293.69984 4000.000
**		3.520000	841322.444	1031202.957	294.01815 4000.000
**		3.540000	841302.528	1031201.131	294.33646 4000.000
KK		3.554313	841288.270	1031199.885	294.56425 1000.000
**		3.560000	841282.602	1031199.416	294.92631 1000.000
KT		3.574399	841268.241	1031198.373	295.84298 1000.000
**		3.580000	841262.652	1031198.007	295.84298 .000
**		3.600000	841242.695	1031196.702	295.84298 .000
TK		3.608051	841234.661	1031196.177	295.84298 .000
**		3.620000	841222.742	1031195.326	295.08229 -1000.000
KK		3.635908	841206.892	1031193.972	294.06956 -1000.000
**		3.640000	841202.818	1031193.594	294.15638 3000.000
**		3.660000	841182.896	1031191.827	294.58079 3000.000
**		3.680000	841162.963	1031190.193	295.00521 3000.000
**		3.700000	841143.019	1031188.692	295.42962 3000.000
**		3.720000	841123.066	1031187.324	295.85403 3000.000
KK		3.721732	841121.338	1031187.212	295.89078 152.000
**		3.740000	841103.081	1031187.131	303.54207 152.000
**		3.760000	841083.243	1031189.552	311.91865 152.000
KK		3.777942	841065.852	1031193.923	319.43322 300.000
**		3.780000	841063.891	1031194.548	319.86996 300.000
**		3.800000	841045.076	1031201.319	324.11410 300.000
KK		3.801721	841043.479	1031201.960	324.47930 300.000
**		3.820000	841026.629	1031209.044	326.19316 679.000
KT		3.826754	841020.453	1031211.776	326.82636 .000
**		3.840000	841008.365	1031217.194	326.82636 .000
**		3.847160	841001.832	1031220.123	326.82636 .000
**		3.860000	840990.115	1031225.374	326.82636 .000
**		3.880000	840971.864	1031233.555	326.82636 .000
TK		3.894652	840958.494	1031239.548	326.82636 -4888.000
**		3.900000	840953.613	1031241.733	326.75670 -4888.000
**		3.920000	840935.337	1031249.856	326.49622 -4888.000
KK		3.926079	840929.775	1031252.310	326.41705 -4888.000
**		3.939430	840917.553	1031257.685	326.33204 -10000.000
**		3.940000	840917.031	1031257.914	326.32841 -10000.000
**		3.960000	840898.709	1031265.933	326.20109 -10000.000
**		3.980000	840880.371	1031273.916	326.07377 -10000.000
KK		3.989229	840871.904	1031277.587	326.01501 -10000.000
**		4.000000	840862.021	1031281.873	326.08833 9352.000
**		4.020000	840843.686	1031289.861	326.22447 9352.000
**		4.040000	840825.367	1031297.888	326.36062 9352.000
**		4.060000	840807.066	1031305.955	326.49677 9352.000
KK		4.063897	840803.502	1031307.531	326.52329 9352.000
**		4.080000	840788.738	1031313.956	325.73473 -1300.000
KT		4.097997	840772.143	1031320.919	324.85341 .000
**		4.100000	840770.290	1031321.682	324.85341 .000
**		4.120000	840751.795	1031329.293	324.85341 .000
**		4.140000	840733.300	1031336.904	324.85341 .000
**		4.160000	840714.805	1031344.515	324.85341 .000
**		4.180000	840696.310	1031352.126	324.85341 .000
**		4.200000	840677.814	1031359.737	324.85341 .000
**		4.220000	840659.319	1031367.348	324.85341 .000
TK		4.224874	840654.812	1031369.203	324.85341 350.000
**		4.240000	840640.953	1031375.260	327.60473 350.000
**		4.260000	840623.054	1031384.177	331.24256 350.000
KK		4.272368	840612.251	1031390.197	333.49212 150.000
**		4.280000	840605.751	1031394.196	336.73140 150.000
**		4.300000	840589.764	1031406.189	345.21966 150.000
KK		4.311419	840581.399	1031413.957	350.06586 280.000
**		4.320000	840575.431	1031420.123	352.01696 280.000
KK		4.323926	840572.765	1031423.004	352.90955 512.000
**		4.340000	840562.118	1031435.046	354.90821 512.000
**		4.360000	840549.407	1031450.486	357.39500 512.000
**		4.372880	840541.544	1031460.687	358.99650 512.000
**		4.380000	840537.309	1031466.410	359.88180 512.000
**		4.400000	840525.842	1031482.794	362.36859 512.000

SMIL.L12					
KK	4.408151	840521.353	1031489.598	363.38209	512.000
**	4.420000	840514.878	1031499.521	363.00492	-2000.000
KK	4.432690	840507.878	1031510.106	362.60098	-2000.000
**	4.440000	840503.827	1031516.191	362.61658	29810.000
**	4.460000	840492.752	1031532.845	362.65929	29810.000
**	4.480000	840481.687	1031549.505	362.70200	29810.000
KK	4.499781	840470.757	1031565.988	362.74424	-2000.000
**	4.500000	840470.636	1031566.170	362.73726	-2000.000
**	4.520000	840459.503	1031582.786	362.10064	-2000.000
**	4.540000	840448.205	1031599.289	361.46402	-2000.000
**	4.560000	840436.743	1031615.678	360.82740	-2000.000
KK	4.561913	840435.638	1031617.239	360.76651	-2000.000
**	4.568850	840431.550	1031622.844	359.00713	-251.000
**	4.580000	840424.661	1031631.610	356.17911	-251.000
KK	4.582940	840422.780	1031633.869	355.43349	-1000.000
**	4.600000	840411.678	1031646.823	354.34740	-1000.000
KT	4.616993	840400.402	1031659.535	353.26561	.000
**	4.620000	840398.387	1031661.768	353.26561	.000
TK	4.639027	840385.641	1031675.894	353.26561	.000
**	4.640000	840384.988	1031676.616	353.16242	-600.000
**	4.660000	840371.321	1031691.216	351.04035	-600.000
**	4.680000	840357.175	1031705.353	348.91829	-600.000
**	4.681110	840356.376	1031706.124	348.80051	-600.000
KT	4.695180	840346.128	1031715.764	347.30764	-600.000
**	4.700000	840342.579	1031719.025	347.30758	.000
**	4.720000	840327.852	1031732.557	347.30758	.000
**	4.740000	840313.124	1031746.088	347.30758	.000
TK	4.759699	840298.619	1031759.416	347.30758	-2675.000
**	4.760000	840298.397	1031759.620	347.30041	-2675.000
**	4.780000	840283.617	1031773.095	346.82443	-2675.000
KT	4.780745	840283.065	1031773.594	346.80671	.000
**	4.781000	840282.875	1031773.766	346.80671	.000
**	4.800000	840268.784	1031786.510	346.80671	.000
TK	4.818145	840255.326	1031798.681	346.80671	.000
**	4.820000	840253.949	1031799.924	346.71417	-1276.000
KT	4.830651	840246.010	1031807.024	346.18277	.000
**	4.840000	840239.015	1031813.227	346.18277	.000
**	4.860000	840224.051	1031826.496	346.18277	.000
TK	4.864467	840220.708	1031829.460	346.18277	-194.000
**	4.880000	840208.686	1031839.289	341.08547	-194.000
KK	4.885111	840204.563	1031842.310	339.40827	-194.000
**	4.900000	840191.623	1031849.619	326.05819	-71.000
KK	4.907466	840184.630	1031852.225	319.36382	-71.000
KK	4.915633	840176.833	1031854.655	319.10344	-2000.000
**	4.920000	840172.632	1031855.845	316.04866	-91.000
**	4.940000	840152.874	1031858.674	302.05701	-91.000
**	4.960000	840132.974	1031857.127	288.06537	-91.000
KK	4.965643	840127.466	1031855.904	284.11763	-91.000
**	4.980000	840113.288	1031853.806	297.17428	70.000
**	5.000000	840093.453	1031855.765	315.36342	70.000
**	5.020000	840074.974	1031863.236	333.55255	70.000
**	5.025852	840070.045	1031866.387	338.87450	70.000

\*\*\* VÝPOČET UKONČEN BEZ CHYB \*\*\*

# VÝŠKOVÉ VEDENÍ





PONTEX, spol. s r. o.

PROGRAMOVÝ SYSTÉM R O A D P A C - program RP31

301 00 Plzeň, Plánská 403/5

## NIVELETA ZADANÁ TEČNAMI

Verze: 2017

datum a čas kompilace: 02.03.2017

Datum zadání: 12.3.2021

Datum výpočtu: 12. 3.2021 10: 2:46

Projekt:SMILOV II/207 Modernizace silnice Toužim - Smilov  
 Trasa: SMIL.V31 Smilov

## P R O T O K O L O N I V E L E T Ě

číslo vrch. 1	staničení vrchołu .000000	výška vrchołu 618.777	typ obl. 0	poloměr m .000	tečna m .000	vzepětí m .000	spád %	délka m	mezipřímá m
2	.004750	618.850	0	.000	.000	.000	1.537	4.750	4.750
3	.020000	618.960	2	1800.000	12.852	.046	.721	15.250	2.398
4	.048300	618.760	2	1000.000	.947	.000	-.707	28.300	14.501
5	.071400	618.553	2	1000.000	2.463	.003	-.896	23.100	19.690
6	.092500	618.260	2	1000.000	1.518	.001	-1.389	21.100	17.119
7	.112000	617.930	2	700.000	1.971	.003	-1.692	19.500	16.010
8	.143000	617.580	2	10000.000	2.639	.000	-1.129	31.000	26.389
9	.165000	617.320	2	700.000	1.756	.002	-1.182	22.000	17.604
10	.190000	617.150	2	1000.000	1.600	.001	-.680	25.000	21.644
11	.215000	616.900	2	700.000	1.135	.001	-1.000	25.000	22.265
12	.252000	616.650	2	700.000	.995	.001	-.676	37.000	34.870
13	.275000	616.560	2	700.000	.951	.001	-.391	23.000	21.053
14	.300100	616.530	2	1000.000	3.156	.005	-.120	25.100	20.992
15	.396000	615.810	2	700.000	.560	.000	-.751	95.900	92.184
16	.440000	615.550	2	700.000	1.363	.001	-.591	44.000	42.078
17	.564000	615.300	2	5000.000	33.549	.113	-.202	124.000	89.088
18	.735000	617.250	2	3500.000	15.559	.035	1.140	171.000	121.892
19	.769000	617.940	2	5500.000	5.591	.003	2.029	34.000	12.850
20	.792000	618.360	2	2700.000	10.848	.022	1.826	23.000	6.561
21	.846000	619.780	2	2700.000	25.400	.119	2.630	54.000	17.752
22	.891000	621.810	2	5500.000	7.280	.005	4.511	45.000	12.320
23	.960000	624.740	2	1800.000	42.659	.505	4.246	69.000	19.061
24	1.037000	624.360	2	2700.000	19.301	.069	-.494	77.000	15.040
25	1.084000	624.800	2	5500.000	2.512	.001	.936	47.000	25.187
26	1.142000	625.290	2	2800.000	9.866	.017	.845	58.000	45.622
27	1.253000	627.010	2	3500.000	4.904	.003	1.550	111.000	96.230
28	1.300000	627.870	2	3300.000	24.044	.088	1.830	47.000	18.051
29	1.351000	628.060	2	2100.000	11.912	.034	.373	51.000	15.044
30	1.372000	627.900	2	2700.000	8.666	.014	-.762	21.000	.423
31	1.397000	627.870	2	5500.000	7.950	.006	-.120	25.000	8.384
32	1.419000	627.780	2	2100.000	8.670	.018	-.409	22.000	5.380
33	1.443000	627.880	2	5500.000	10.358	.010	.417	24.000	4.971
34	1.468000	627.890	2	3500.000	9.088	.012	.040	25.000	5.554
35	1.527000	628.220	2	3500.000	19.107	.052	.559	59.000	30.805
36	1.613000	629.640	2	8000.000	42.229	.111	1.651	86.000	24.663
37	1.671000	631.210	2	5500.000	12.106	.013	2.707	58.000	3.664
38	1.746000	632.910	2	3500.000	2.737	.001	2.267	75.000	60.156
39	1.824000	634.800	2	2000.000	22.915	.131	2.423	78.000	52.348
40	1.900000	634.900	2	3300.000	15.801	.038	.132	76.000	37.284
41	1.946000	634.520	2	3500.000	2.790	.001	-.826	46.000	27.409
42	1.976000	634.320	2	5500.000	10.224	.010	-.667	30.000	16.986

SMIL.L31									
43	2.002000	634.050	2	5500.000	3.657	.001	-1.038	26.000	12.119
44	2.037000	633.640	2	4500.000	19.929	.044	-1.171	35.000	11.415
45	2.114000	633.420	2	3500.000	4.239	.003	-.286	77.000	52.832
46	2.137000	633.410	2	5500.000	15.392	.022	-.043	23.000	3.369
47	2.200000	633.030	2	5500.000	11.970	.013	-.603	63.000	35.638
48	2.226000	632.760	2	2700.000	10.558	.021	-1.038	26.000	3.472
49	2.265000	632.660	2	2700.000	7.014	.009	-.256	39.000	21.428
50	2.284000	632.710	2	5000.000	10.746	.012	.263	19.000	1.240
51	2.308000	632.670	2	5500.000	13.118	.016	-.167	24.000	.137
52	2.337000	632.760	2	5500.000	3.469	.001	.310	29.000	12.413
53	2.413000	632.900	2	10000.000	41.751	.087	.184	76.000	30.780
54	2.465000	633.430	2	3500.000	3.552	.002	1.019	52.000	6.697
55	2.483000	633.650	2	5500.000	13.183	.016	1.222	18.000	1.265
56	2.518000	633.910	2	3300.000	16.007	.039	.743	35.000	5.810
57	2.540000	633.860	2	3500.000	5.852	.005	-.227	22.000	.141
58	2.568000	633.890	2	15000.000	13.661	.006	.107	28.000	8.487
59	2.608000	633.860	2	5500.000	15.537	.022	-.075	40.000	10.802
60	2.633000	633.700	2	2700.000	6.006	.007	-.640	25.000	3.457
61	2.674000	633.620	2	4500.000	23.253	.060	-.195	41.000	11.742
62	2.709000	633.190	2	3500.000	11.396	.019	-1.229	35.000	.351
63	2.819500	632.552	2	3500.000	18.880	.051	-.577	110.500	80.224
64	2.853000	632.720	2	5500.000	10.648	.010	.501	33.500	3.972
65	2.888000	632.760	2	9000.000	22.296	.028	.114	35.000	2.056
66	2.929000	633.010	2	5500.000	3.380	.001	.610	41.000	15.324
67	3.005000	633.380	2	2100.000	9.725	.023	.487	76.000	62.895
68	3.051000	634.030	2	5500.000	31.685	.091	1.413	46.000	4.590
69	3.120000	634.210	2	5500.000	32.229	.094	.261	69.000	5.086
70	3.165000	633.800	2	3500.000	8.224	.010	-.911	45.000	4.547
71	3.199000	633.650	2	1800.000	23.991	.160	-.441	34.000	1.786
72	3.260800	631.730	2	5500.000	12.633	.015	-3.107	61.800	25.176
73	3.288000	630.760	2	5500.000	13.614	.017	-3.566	27.200	.953
74	3.337000	628.770	2	2100.000	13.699	.045	-4.061	49.000	21.688
75	3.378000	626.570	2	600.000	10.638	.094	-5.366	41.000	16.664
76	3.412000	623.540	2	700.000	15.558	.173	-8.912	34.000	7.804
77	3.442000	622.200	2	150.000	3.000	.030	-4.467	30.000	11.442
78	3.517000	615.850	2	2400.000	24.691	.127	-8.467	75.000	47.309
79	3.627000	608.800	2	1000.000	5.160	.013	-6.409	110.000	80.149
80	3.661000	606.270	2	700.000	3.669	.010	-7.441	34.000	25.170
81	3.745000	600.900	2	900.000	22.185	.273	-6.393	84.000	58.146
82	3.799000	600.110	2	1000.000	10.789	.058	-1.463	54.000	21.027
83	3.944000	594.860	2	1500.000	6.402	.014	-3.621	145.000	127.810
84	4.041000	590.520	2	5300.000	21.000	.042	-4.474	97.000	69.599
85	4.071000	588.940	2	3500.000	8.683	.011	-5.267	30.000	.317
86	4.132000	586.030	2	3500.000	11.418	.019	-4.770	61.000	40.899
87	4.276000	580.100	2	2500.000	22.569	.102	-4.118	144.000	110.013
88	4.308000	579.360	2	950.000	9.332	.046	-2.313	32.000	.098
89	4.331000	579.280	2	2500.000	12.772	.033	-.348	23.000	.896
90	4.377000	579.590	2	700.000	16.641	.198	.674	46.000	16.587
91	4.426000	582.250	2	2000.000	23.326	.136	5.429	49.000	9.032
92	4.493000	587.450	2	4800.000	42.008	.184	7.761	67.000	1.666
93	4.585000	592.980	2	3500.000	6.919	.007	6.011	92.000	43.073

SMIL.L31									
94	4.649000	597.080	2	5500.000	9.339	.008	6.406	64.000	47.742
95	4.679000	598.900	2	3500.000	7.762	.009	6.067	30.000	12.900
96	4.777000	605.280	2	5000.000	27.290	.074	6.510	98.000	62.948
97	4.820000	607.610	2	2100.000	9.808	.023	5.419	43.000	5.902
98	4.894000	612.311	2	2000.000	5.921	.009	6.353	74.000	58.271
99	4.941200	615.030	2	1000.000	2.706	.004	5.761	47.200	38.572
100	4.964000	616.220	2	1000.000	1.631	.001	5.219	22.800	18.463
101	4.986000	617.440	2	1000.000	17.941	.161	5.545	22.000	2.428
102	5.025852	618.220	0	.000	.000	.000	1.957	39.852	21.911

\* Vytvořen výstupní soubor Niveleta s názvem SMIL.SNI  
 \* Akce: II/207 Modernizace silnice Toužim - Smilov  
 \* Trasa: Smilov  
 \* Datum vzniku 12. 3.2021 programem RP31  
 \* Datum posl. zápisu 12. 3.2021 programem RP31  
 \* Soubor .SNI nového typu

\* Použit vstupní soubor Staničení s názvem SMIL.SSS  
 \* Akce: II/207 Modernizace silnice Toužim - Smilov  
 \* Trasa: Smilov  
 \* Datum vzniku 12. 3.2021 programem RP12  
 \* Datum posl. zápisu 12. 3.2021 programem RP12

# 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	618.777	1.537
.004749	V	618.850	1.537
.004750	V	618.850	.721
.007148	ZZ	618.867	.721
.020000	** V	618.914	.007
.020131	VZ	618.914	.000
.022104	TK	618.913	-.110
.032852	KZ	618.869	-.707
.035162	KK	618.853	-.707
.040000	**	618.819	-.707
.047353	ZZ	618.767	-.707
.048300	V	618.760	-.801
.049247	KZ	618.752	-.896
.060000	**	618.655	-.896
.061243	KK	618.644	-.896
.067047	KT	618.592	-.896
.068937	ZZ	618.575	-.896
.071400	V	618.550	-1.142
.073863	KZ	618.519	-1.389
.080000	**	618.434	-1.389
.090982	ZZ	618.281	-1.389
.092500	V	618.259	-1.540
.094018	KZ	618.234	-1.692
.100000	**	618.133	-1.692
.110029	ZZ	617.963	-1.692
.112000	V	617.933	-1.411
.113517	TK	617.913	-1.194
.113971	KZ	617.908	-1.129
.120000	**	617.840	-1.129
.140000	**	617.614	-1.129
.140361	ZZ	617.610	-1.129
.143000	V	617.580	-1.155
.145639	KZ	617.549	-1.182
.160000	**	617.379	-1.182
.163244	ZZ	617.341	-1.182
.165000	V	617.322	-.931
.166756	KZ	617.308	-.680
.167919	KT	617.300	-.680
.180000	**	617.218	-.680
.188400	ZZ	617.161	-.680
.188904	TK	617.157	-.730
.190000	V	617.149	-.840
.191600	KZ	617.134	-1.000
.197429	KT	617.076	-1.000
.200000	**	617.050	-1.000
.213865	ZZ	616.911	-1.000
.215000	V	616.901	-.838
.216135	KZ	616.892	-.676
.220000	**	616.866	-.676
.223659	TK	616.841	-.676
.227908	KT	616.813	-.676
.240000	**	616.731	-.676
.251005	ZZ	616.657	-.676
.252000	V	616.651	-.533
.252995	KZ	616.646	-.391
.260000	**	616.619	-.391
.266404	TK	616.594	-.391
.274049	ZZ	616.564	-.391
.275000	V	616.561	-.255
.275951	KZ	616.559	-.120
.276916	KT	616.558	-.120
.280000	**	616.554	-.120
.296944	ZZ	616.534	-.120
.297790	TK	616.532	-.204
.300000	**	616.525	-.425

.300100		V	616.525	-.435
.301000	**		616.521	-.525
.302000	**		616.515	-.625
.303256		KZ	616.506	-.751
.320000	**		616.381	-.751
.340000	**		616.230	-.751
.345868		KK	616.186	-.751
.359747		KK	616.082	-.751
.360000	**		616.080	-.751
.380000	**		615.930	-.751
.395440		ZZ	615.814	-.751
.395661		KK	615.813	-.719
.396000		V	615.810	-.671
.396560		KZ	615.807	-.591
.400000	**		615.786	-.591
.420000	**		615.668	-.591
.438637		ZZ	615.558	-.591
.439395		KK	615.554	-.483
.440000	**	V	615.551	-.396
.441363		KZ	615.547	-.202
.460000	**		615.510	-.202
.480000	**		615.469	-.202
.488779		KK	615.452	-.202
.500000	**		615.429	-.202
.520000	**		615.389	-.202
.523086		KT	615.382	-.202
.530451		ZZ	615.368	-.202
.540000	**		615.358	-.011
.540532		VZ	615.357	.000
.560000	**		615.395	.389
.564000		V	615.413	.469
.574310	**		615.472	.676
.580000	**		615.513	.789
.582382		TK	615.533	.837
.597549		KZ	615.683	1.140
.600000	**		615.711	1.140
.614116		KK	615.871	1.140
.620000	**		615.939	1.140
.626659		KK	616.015	1.140
.640000	**		616.167	1.140
.660000	**		616.395	1.140
.680000	**		616.623	1.140
.700000	**		616.851	1.140
.707767		KK	616.939	1.140
.719441		ZZ	617.073	1.140
.720000	**		617.079	1.156
.734902		KK	617.283	1.582
.735000		V	617.285	1.585
.740000	**		617.367	1.728
.750559		KZ	617.566	2.029
.760000	**		617.757	2.029
.763409		ZZ	617.827	2.029
.769000		V	617.937	1.928
.774591		KZ	618.042	1.826
.780000	**		618.141	1.826
.781152		ZZ	618.162	1.826
.786896		KK	618.273	2.039
.792000		V	618.382	2.228
.797153		KT	618.502	2.419
.800000	**		618.572	2.524
.802848		KZ	618.645	2.630
.820000	**		619.096	2.630
.820600		ZZ	619.112	2.630
.833497		TK	619.482	3.107
.840000	**		619.692	3.348
.846000		V	619.899	3.570
.846195		KT	619.906	3.578
.860000	**		620.436	4.089
.871400		KZ	620.926	4.511
.880000	**		621.314	4.511
.883720		ZZ	621.482	4.511
.885922		TK	621.580	4.471
.891000		V	621.805	4.379
.898280		KZ	622.119	4.246
.900000	**		622.192	4.246
.916756		KK	622.904	4.246
.917341		ZZ	622.929	4.246
.920000	**		623.039	4.099
.935059		KK	623.594	3.262
.940000	**		623.748	2.988
.960000	**	V	624.235	1.876
.980000	**		624.499	.765
.993776		VZ	624.551	.000
1.000000	**		624.541	-.346
1.002659		KZ	624.529	-.494
1.015195		KK	624.468	-.494
1.017699		ZZ	624.455	-.494
1.020000	**		624.445	-.408
1.031024		VZ	624.422	.000
1.035180	**		624.426	.154
1.037000		V	624.429	.221
1.040000	**		624.437	.332
1.056301		KZ	624.541	.936
1.060000	**		624.575	.936
1.080000	**		624.763	.936
1.081488		ZZ	624.776	.936
1.084000		V	624.799	.890
1.086512		KZ	624.821	.845
1.100000	**		624.935	.845
1.110422		KK	625.023	.845
1.120000	**		625.104	.845
1.132134		ZZ	625.207	.845

1.140000	**		625.284	1.126
1.142000		V	625.307	1.197
1.145251		KT	625.348	1.313
1.151866		KZ	625.443	1.550
1.160000	**		625.569	1.550
1.180000	**		625.879	1.550
1.200000	**		626.189	1.550
1.211707		TK	626.370	1.550
1.220000	**		626.499	1.550
1.223614		KK	626.555	1.550
1.240000	**		626.809	1.550
1.248096		ZZ	626.934	1.550
1.253000		V	627.013	1.690
1.253291		KK	627.018	1.698
1.257904		KZ	627.100	1.830
1.260000	**		627.138	1.830
1.275956		ZZ	627.430	1.830
1.280000	**		627.502	1.707
1.292121		KT	627.686	1.340
1.300000	**	V	627.782	1.101
1.320000	**		627.942	.495
1.321030		TK	627.947	.464
1.324044		KZ	627.960	.373
1.339088		ZZ	628.016	.373
1.340000	**		628.019	.329
1.346912		VZ	628.030	.000
1.351000		V	628.026	-.195
1.355243		KK	628.014	-.397
1.360000	**		627.989	-.623
1.362912		KZ	627.969	-.762
1.363334		ZZ	627.966	-.762
1.372000		V	627.914	-.441
1.379860		KT	627.891	-.150
1.380000	**		627.890	-.145
1.380666		KZ	627.890	-.120
1.389050		ZZ	627.880	-.120
1.397000		V	627.864	-.265
1.400000	**		627.855	-.319
1.404950		KZ	627.837	-.409
1.410330		ZZ	627.815	-.409
1.418920		VZ	627.798	.000
1.419000		V	627.798	.004
1.420000	**		627.798	.051
1.427670		KZ	627.816	.417
1.430505		TK	627.828	.417
1.432642		ZZ	627.837	.417
1.440000	**		627.863	.283
1.443000		V	627.870	.228
1.453358		KZ	627.884	.040
1.458912		ZZ	627.886	.040
1.460000	**		627.887	.071
1.466607		KK	627.898	.260
1.468000		V	627.902	.300
1.477088		KZ	627.941	.559
1.480000	**		627.957	.559
1.495137		KT	628.042	.559
1.500000	**		628.069	.559
1.507893		ZZ	628.113	.559
1.520000	**		628.202	.905
1.527000		V	628.272	1.105
1.540000	**		628.440	1.477
1.546107		KZ	628.535	1.651
1.546213		TK	628.537	1.651
1.560000	**		628.765	1.651
1.567920		KK	628.896	1.651
1.570771		ZZ	628.943	1.651
1.580000	**		629.100	1.767
1.597052		KT	629.420	1.980
1.600000	**		629.479	2.017
1.613000		V	629.751	2.179
1.620000	**		629.907	2.267
1.640000	**		630.385	2.517
1.655229		KZ	630.783	2.707
1.657607		TK	630.847	2.707
1.658894		ZZ	630.882	2.707
1.660000	**		630.912	2.687
1.671000		V	631.197	2.487
1.680000	**		631.413	2.323
1.683106		KZ	631.484	2.267
1.699512		KK	631.856	2.267
1.700000	**		631.867	2.267
1.720000	**		632.321	2.267
1.728036		KK	632.503	2.267
1.740000	**		632.774	2.267
1.743263		ZZ	632.848	2.267
1.746000		V	632.911	2.345
1.748690		KT	632.975	2.422
1.748737		KZ	632.976	2.423
1.760000	**		633.249	2.423
1.780000	**		633.734	2.423
1.800000	**		634.218	2.423
1.801085		ZZ	634.245	2.423
1.806123		TK	634.360	2.171
1.820000	**		634.614	1.477
1.824000		V	634.669	1.277
1.831821		KT	634.753	.886
1.840000	**		634.809	.477
1.846915		KZ	634.830	.132
1.860000	**		634.847	.132
1.880000	**		634.874	.132
1.884199		ZZ	634.879	.132
1.888541		VZ	634.882	.000

1.889997	TK	634.882	-.044
1.900000	** V	634.862	-.347
1.915801	KZ	634.769	-.826
1.920000	**	634.735	-.826
1.940000	**	634.570	-.826
1.943210	ZZ	634.543	-.826
1.943235	KK	634.543	-.825
1.946000	V	634.521	-.746
1.948790	KZ	634.501	-.667
1.960000	**	634.427	-.667
1.965776	ZZ	634.388	-.667
1.976000	V	634.310	-.853
1.980000	**	634.275	-.925
1.986224	KZ	634.214	-1.038
1.998343	ZZ	634.088	-1.038
2.000000	**	634.071	-1.069
2.002000	V	634.049	-1.105
2.005657	KZ	634.007	-1.171
2.008407	KK	633.975	-1.171
2.017071	ZZ	633.873	-1.171
2.020000	**	633.840	-1.106
2.026686	KK	633.771	-.958
2.037000	V	633.684	-.729
2.040000	**	633.663	-.662
2.056929	KZ	633.583	-.286
2.060000	**	633.574	-.286
2.080000	**	633.517	-.286
2.096212	KT	633.471	-.286
2.100000	**	633.460	-.286
2.109761	ZZ	633.432	-.286
2.114000	V	633.423	-.165
2.118239	KZ	633.418	-.043
2.120000	**	633.417	-.043
2.121608	ZZ	633.417	-.043
2.137000	V	633.388	-.323
2.140000	**	633.378	-.378
2.152392	KZ	633.317	-.603
2.160000	**	633.271	-.603
2.180000	**	633.151	-.603
2.188030	ZZ	633.102	-.603
2.200000	** V	633.017	-.821
2.211970	KZ	632.906	-1.038
2.215442	ZZ	632.870	-1.038
2.220000	**	632.826	-.870
2.226000	V	632.781	-.647
2.236558	KZ	632.733	-.256
2.240000	**	632.724	-.256
2.257986	ZZ	632.678	-.256
2.260000	**	632.674	-.182
2.264909	VZ	632.669	.000
2.265000	V	632.669	.003
2.272014	KZ	632.678	.263
2.273254	ZZ	632.682	.263
2.280000	**	632.695	.128
2.284000	V	632.698	.048
2.286412	VZ	632.699	.000
2.294746	KZ	632.692	-.167
2.294882	ZZ	632.692	-.167
2.298680	**	632.687	-.098
2.300000	**	632.686	-.074
2.304049	VZ	632.684	.000
2.308000	V	632.686	.072
2.320000	**	632.707	.290
2.321118	KZ	632.711	.310
2.333531	ZZ	632.749	.310
2.337000	V	632.759	.247
2.340000	**	632.766	.193
2.340469	KZ	632.766	.184
2.360000	**	632.802	.184
2.370157	TK	632.821	.184
2.371249	ZZ	632.823	.184
2.375099	KT	632.831	.223
2.380000	**	632.843	.272
2.397385	TK	632.905	.446
2.400000	**	632.917	.472
2.413000	V	632.987	.602
2.420000	**	633.032	.672
2.440000	**	633.186	.872
2.445405	KK	633.235	.926
2.454751	KZ	633.326	1.019
2.460000	**	633.379	1.019
2.461448	ZZ	633.394	1.019
2.465000	V	633.432	1.121
2.468552	KZ	633.473	1.222
2.469817	ZZ	633.489	1.222
2.480000	**	633.604	1.037
2.483000	V	633.634	.983
2.496183	KZ	633.748	.743
2.500000	**	633.776	.743
2.501993	ZZ	633.791	.743
2.511830	KK	633.850	.445
2.518000	V	633.871	.258
2.520000	**	633.876	.197
2.526507	VZ	633.882	.000
2.534007	KZ	633.874	-.227
2.534148	ZZ	633.873	-.227
2.540000	** V	633.865	-.060
2.542094	KK	633.864	.000
2.542102	VZ	633.864	.000
2.545852	KZ	633.866	.107
2.554339	ZZ	633.875	.107
2.560000	**	633.880	.069

2.568000		V	633.884	.016
2.570411		VZ	633.884	.000
2.580000	**		633.881	-.064
2.581661		KZ	633.880	-.075
2.592357		KK	633.872	-.075
2.592463		ZZ	633.872	-.075
2.600000	**		633.861	-.212
2.608000		V	633.838	-.357
2.609208		KT	633.834	-.379
2.620000	**		633.782	-.576
2.623537		KZ	633.761	-.640
2.626994		ZZ	633.738	-.640
2.633000		V	633.707	-.418
2.639006		KZ	633.688	-.195
2.640000	**		633.686	-.195
2.650747		ZZ	633.665	-.195
2.660000	**		633.638	-.401
2.674000		V	633.560	-.712
2.680000	**		633.513	-.845
2.697253		KZ	633.334	-1.229
2.697604		ZZ	633.330	-1.229
2.700000	**		633.301	-1.160
2.709000		V	633.209	-.903
2.720000	**		633.127	-.589
2.720396		KZ	633.124	-.577
2.730653		TK	633.065	-.577
2.740000	**		633.011	-.577
2.760000	**		632.896	-.577
2.761262		KK	632.888	-.577
2.774230	**		632.813	-.577
2.780000	**		632.780	-.577
2.794096		KK	632.699	-.577
2.800000	**		632.665	-.577
2.800620		ZZ	632.661	-.577
2.819500		V	632.603	-.038
2.820000	**		632.603	-.024
2.820828		VZ	632.603	.000
2.829076		KK	632.612	.236
2.838380		KZ	632.647	.501
2.840000	**		632.655	.501
2.842352		ZZ	632.667	.501
2.853000		V	632.710	.308
2.860000	**		632.727	.181
2.863648		KZ	632.732	.114
2.865704		ZZ	632.735	.114
2.866407		KK	632.735	.122
2.880000	**		632.762	.273
2.888000		V	632.788	.362
2.900000	**		632.839	.495
2.910296		KZ	632.896	.610
2.920000	**		632.955	.610
2.925620		ZZ	632.989	.610
2.927804		KK	633.002	.570
2.929000		V	633.009	.548
2.932380		KZ	633.026	.487
2.940000	**		633.064	.487
2.957074		KK	633.147	.487
2.960000	**		633.161	.487
2.980000	**		633.258	.487
2.992034		KK	633.317	.487
2.995275		ZZ	633.333	.487
3.000000	**		633.361	.712
3.005000		V	633.403	.950
3.014725		KZ	633.517	1.413
3.019315		ZZ	633.582	1.413
3.020000	**		633.592	1.401
3.028620		KK	633.706	1.244
3.040000	**		633.836	1.037
3.049163		KK	633.923	.870
3.051000		V	633.939	.837
3.060000	**		634.007	.673
3.080000	**		634.105	.310
3.082685		KZ	634.113	.261
3.087771		ZZ	634.126	.261
3.100000	**		634.144	.039
3.102118		VZ	634.145	.000
3.120000	**	V	634.116	-.325
3.140000	**		634.014	-.689
3.147843		KK	633.955	-.831
3.152229		KZ	633.916	-.911
3.156776		ZZ	633.875	-.911
3.160000	**		633.847	-.819
3.165000		V	633.810	-.676
3.173224		KZ	633.764	-.441
3.175009		ZZ	633.756	-.441
3.178486		KK	633.737	-.634
3.180000	**		633.727	-.718
3.199000		V	633.490	-1.774
3.200000	**		633.472	-1.830
3.219878		KK	632.999	-2.934
3.220000	**		632.995	-2.941
3.222991		KZ	632.905	-3.107
3.240000	**		632.376	-3.107
3.244335		KT	632.242	-3.107
3.248167		ZZ	632.122	-3.107
3.260000	**		631.742	-3.322
3.260800		V	631.715	-3.336
3.273433		KZ	631.279	-3.566
3.274386		ZZ	631.245	-3.566
3.280000	**		631.042	-3.668
3.286857		TK	630.787	-3.793
3.288000		V	630.743	-3.814

3.300000	**		630.272	-4.032
3.301614		KZ	630.207	-4.061
3.320000	**		629.460	-4.061
3.323301		ZZ	629.326	-4.061
3.337000		V	628.725	-4.714
3.340000	**		628.582	-4.856
3.343110		KK	628.428	-5.004
3.350699		KZ	628.035	-5.366
3.360000	**		627.536	-5.366
3.367362		ZZ	627.141	-5.366
3.378000		V	626.476	-7.139
3.380000	**		626.330	-7.472
3.381441		KK	626.220	-7.712
3.388638		KZ	625.622	-8.912
3.396442		ZZ	624.926	-8.912
3.400000	**		624.618	-8.404
3.412000		V	623.713	-6.689
3.420000	**		623.223	-5.546
3.427558		KZ	622.845	-4.467
3.433083		KK	622.598	-4.467
3.439000		ZZ	622.334	-4.467
3.440000	**		622.286	-5.133
3.442000		V	622.170	-6.467
3.445000		KZ	621.946	-8.467
3.446521		KK	621.817	-8.467
3.460000	**		620.676	-8.467
3.480000	**		618.983	-8.467
3.480681		KK	618.925	-8.467
3.492309		ZZ	617.941	-8.467
3.500000	**		617.302	-8.146
3.517000		V	615.977	-7.438
3.520000	**		615.756	-7.313
3.540000	**		614.377	-6.480
3.541691		KZ	614.268	-6.409
3.554313		KK	613.459	-6.409
3.560000	**		613.094	-6.409
3.574399		KT	612.171	-6.409
3.580000	**		611.812	-6.409
3.600000	**		610.530	-6.409
3.608051		TK	610.014	-6.409
3.620000	**		609.249	-6.409
3.621840		ZZ	609.131	-6.409
3.627000		V	608.787	-6.925
3.632160		KZ	608.416	-7.441
3.635908		KK	608.137	-7.441
3.640000	**		607.833	-7.441
3.657331		ZZ	606.543	-7.441
3.660000	**		606.350	-7.060
3.661000		V	606.280	-6.917
3.664669		KZ	606.035	-6.393
3.680000	**		605.055	-6.393
3.700000	**		603.777	-6.393
3.720000	**		602.498	-6.393
3.721732		KK	602.387	-6.393
3.722815		ZZ	602.318	-6.393
3.740000	**		601.384	-4.483
3.745000		V	601.173	-3.928
3.760000	**		600.709	-2.261
3.767185		KZ	600.575	-1.463
3.777942		KK	600.418	-1.463
3.780000	**		600.388	-1.463
3.788211		ZZ	600.268	-1.463
3.799000		V	600.052	-2.542
3.800000	**		600.026	-2.642
3.801721		KK	599.979	-2.814
3.809789		KZ	599.719	-3.621
3.820000	**		599.350	-3.621
3.826754		KT	599.105	-3.621
3.840000	**		598.626	-3.621
3.847160	**		598.366	-3.621
3.860000	**		597.901	-3.621
3.880000	**		597.177	-3.621
3.894652		TK	596.647	-3.621
3.900000	**		596.453	-3.621
3.920000	**		595.729	-3.621
3.926079		KK	595.509	-3.621
3.937598		ZZ	595.092	-3.621
3.939430	**		595.024	-3.743
3.940000	**		595.003	-3.781
3.944000		V	594.846	-4.047
3.950402		KZ	594.574	-4.474
3.960000	**		594.144	-4.474
3.980000	**		593.249	-4.474
3.989229		KK	592.836	-4.474
4.000000	**		592.354	-4.474
4.020000	**	ZZ	591.460	-4.474
4.040000	**		590.527	-4.852
4.041000		V	590.478	-4.870
4.060000	**		589.519	-5.229
4.062000		KZ	589.414	-5.267
4.062317		ZZ	589.397	-5.267
4.063897		KK	589.314	-5.222
4.071000		V	588.951	-5.019
4.079683		KZ	588.526	-4.770
4.080000	**		588.511	-4.770
4.097997		KT	587.652	-4.770
4.100000	**		587.557	-4.770
4.120000	**		586.602	-4.770
4.120582		ZZ	586.575	-4.771
4.132000		V	586.049	-4.444
4.140000	**		585.702	-4.216
4.143418		KZ	585.560	-4.118



4.160000	**		584.877	-4.118
4.180000	**		584.053	-4.118
4.200000	**		583.230	-4.118
4.220000	**		582.406	-4.118
4.224874		TK	582.205	-4.118
4.240000	**		581.582	-4.118
4.253431		ZZ	581.029	-4.118
4.260000	**		580.768	-3.855
4.272368		KK	580.321	-3.361
4.276000		V	580.202	-3.215
4.280000	**		580.076	-3.055
4.298569		KZ	579.578	-2.313
4.298668		ZZ	579.576	-2.312
4.300000	**		579.546	-2.172
4.308000		V	579.406	-1.330
4.311419		KK	579.367	-.970
4.317332		KZ	579.328	-.348
4.318228		ZZ	579.324	-.348
4.320000	**		579.319	-.277
4.323926		KK	579.311	-.120
4.326924		VZ	579.309	.000
4.331000		V	579.313	.163
4.340000	**		579.343	.523
4.343772		KZ	579.366	.674
4.360000	**		579.475	.674
4.360359		ZZ	579.478	.674
4.372880	**		579.674	2.463
4.377000		V	579.788	3.051
4.380000	**		579.886	3.480
4.393641		KZ	580.493	5.429
4.400000	**		580.839	5.429
4.402674		ZZ	580.984	5.429
4.408151		KK	581.289	5.702
4.420000	**		581.999	6.295
4.426000		V	582.386	6.595
4.432690		KK	582.838	6.929
4.440000	**		583.358	7.295
4.449326		KZ	584.060	7.761
4.450992		ZZ	584.190	7.761
4.460000	**		584.880	7.574
4.480000	**		586.353	7.157
4.493000		V	587.266	6.886
4.499781		KK	587.728	6.745
4.500000	**		587.743	6.740
4.520000	**		589.049	6.324
4.535008		KZ	589.975	6.011
4.540000	**		590.275	6.011
4.560000	**		591.477	6.011
4.561913		KK	591.592	6.011
4.568850	**		592.009	6.011
4.578081		ZZ	592.564	6.011
4.580000	**		592.680	6.066
4.582940		KK	592.860	6.150
4.585000		V	592.987	6.209
4.591919		KZ	593.423	6.406
4.600000	**		593.941	6.406
4.616993		KT	595.030	6.406
4.620000	**		595.222	6.406
4.639027		TK	596.441	6.406
4.639661		ZZ	596.482	6.406
4.640000	**		596.503	6.400
4.649000		V	597.072	6.236
4.658339		KZ	597.647	6.067
4.660000	**		597.747	6.067
4.671238		ZZ	598.429	6.067
4.679000		V	598.909	6.288
4.680000	**		598.972	6.317
4.681110	**		599.042	6.349
4.686762		KZ	599.405	6.510
4.695180		KT	599.953	6.510
4.700000	**		600.267	6.510
4.720000	**		601.569	6.510
4.740000	**		602.871	6.510
4.749710		ZZ	603.503	6.510
4.759699		TK	604.144	6.310
4.760000	**		604.163	6.304
4.777000		V	605.206	5.964
4.780000	**		605.384	5.904
4.780745		KT	605.427	5.890
4.781000	**		605.443	5.884
4.800000	**		606.524	5.504
4.804290		KZ	606.759	5.419
4.810192		ZZ	607.079	5.419
4.818145		TK	607.525	5.797
4.820000	**	V	607.633	5.886
4.829808		KZ	608.233	6.353
4.830651		KT	608.287	6.353
4.840000	**		608.881	6.353
4.860000	**		610.151	6.353
4.864467		TK	610.435	6.353
4.880000	**		611.422	6.353
4.885111		KK	611.746	6.353
4.888079		ZZ	611.935	6.353
4.894000		V	612.302	6.057
4.899921		KZ	612.652	5.761
4.900000	**		612.657	5.761
4.907466		KK	613.087	5.761
4.915633		KK	613.557	5.761
4.920000	**		613.809	5.761
4.938494		ZZ	614.874	5.761
4.940000	**		614.960	5.610
4.941200		V	615.026	5.490

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4.943906		KZ	615.171	5.219
4.960000	**		616.011	5.219
4.962369		ZZ	616.135	5.219
4.964000		V	616.221	5.382
4.965631		KZ	616.310	5.545
4.965643		KK	616.311	5.545
4.968059		ZZ	616.445	5.545
4.980000	**		617.036	4.351
4.986000		V	617.279	3.751
5.000000	**		617.706	2.351
5.003941		KZ	617.791	1.957
5.020000	**		618.105	1.957
5.025852	**	KO V	618.220	1.957

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