
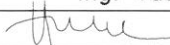


Souřadnicový systém: JTSK
Výškový systém: Bpv

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Objednatel: SÚS Pl.kraje + Obec Letiny	Obec: Letiny	Kraj: Plzeňský
Akce: PD – II/117 LETINY PRŮTAH ZMĚNA Č.1	Datum	Stupeň
	10/2016	DSP/PDPS
	Souprava	Č. přílohy
Příloha: VYTÝČENÍ STAVBY		B.3

* Kod(1) zadáný = 1
 * Kod(1) po úpravě = 4

PONTEX s.r.o.

PROGRAMOVÝ SYSTÉM R O A D P A C - program RP12
 Plánská 5, 301 00, Plzeň

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2010

Datum zadání: 16.1.2018

Datum výpočtu: 16. 1.2018 11: 2:51

Projekt: LETINY PD - II/117 Letiny průtah - změna č.1
 Trasa: LETIN_F.V12 SO.101 Rekonstrukce silnice II/117

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	820237.519	1093576.627	2	820260.990	1093558.346
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	2	820260.990	1093558.346	3	820275.933	1093546.569
3	.000	.000	.000	500.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	3	820275.933	1093546.569	51	820325.706	1093507.003
3	.000	.000	.000	35.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-1956.331	.000	.000	51	820325.706	1093507.003	6	820308.947	1093398.917
3	.000	.000	.000	-105.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-6000.000	.000	.000	7	820309.863	1093373.712	8	820311.241	1093364.952
3	.000	.000	.000	-103.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-251.289	.000	.000	9	820337.536	1093310.855	10	820363.539	1093286.577
3	.000	.000	.000	85.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	10	820363.539	1093286.577	11	820406.297	1093240.792
3	.000	.000	.000	65.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	-2000.000	.000	.000	11	820406.297	1093240.792	12	820428.420	1093177.488
3	.000	.000	.000	65.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	399.895	.000	.000	12	820428.420	1093177.488	13	820440.970	1093125.711
3	.000	.000	.000	180.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	13	820440.970	1093125.711	14	820444.066	1093072.373
3	.000	.000	.000	700.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	14	820444.066	1093072.373	15	820448.217	1092989.474
3	.000	.000	.000	700.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	15	820448.217	1092989.474	16	820451.610	1092910.077
3	.000	.000	.000	700.000	.000	.000	0	.000	.000	0	.000	.000
1	.000	.000	.000	.000	.000	.000	16	820451.610	1092910.077	17	820452.041	1092892.178

* Vytvořen výstupní soubor Hlavní body směru s názvem LETIN_F.SHB
 * Akce: PD - II/117 Letiny průtah - změna č.1
 * Trasa: SO.101 Rekonstrukce silnice II/117
 * Datum vzniku 16. 1.2018 programem RP12
 * Datum posl. zápisu 16. 1.2018 programem RP12
 * Soubor .SHB nového typu

CB	IND	Údaje o hlavních bodech směrového vedení trasy	STA	YH	XH	sigmah	R	YS	XS	T1	T2(VZP)	alfat
CV	TP	DIF	YP	XP	sigp	A	YT	XT				
1	OT	.002713	820237.519	1093576.627	142.12686	.000	.000	.000				
0	tečna	28.317	.000	.000	.00000	.000	.000	.000	.000	.000	.000	.00000
2	TK	.031030	820259.859	1093559.227	142.12685	500.000	819952.619	1093164.761				
1	kružnice	2.866	.000	.000	.00000	.000	820260.990	1093558.346	1.433	.002	.36497	
3	KT	.033897	820262.116	1093557.459	142.49182	.000	.000	.000				
0	tečna	16.548	.000	.000	.00000	.000	.000	.000	.000	.000	.00000	
4	TK	.050444	820275.112	1093547.216	142.49182	500.000	819965.616	1093154.518				
2	kružnice	2.091	.000	.000	.00000	.000	820275.933	1093546.569	1.045	.001	.26618	
5	KT	.052535	820276.751	1093545.919	142.75800	.000	.000	.000				
0	tečna	41.662	.000	.000	.00000	.000	.000	.000	.000	.000	.00000	
6	TK	.094196	820309.364	1093519.994	142.75800	35.000	820287.585	1093492.596				
3	kružnice	37.463	.000	.000	.00000	.000	820325.608	1093507.081	20.751	5.689	68.14149	
7	KK	.131659	820322.073	1093486.633	210.89950	-1956.331	822249.801	1093153.325				
4	kružnice	84.414	.000	.000	.00000	.000	820314.881	1093445.036	42.214	-.455	-2.74697	
8	KK	.216073	820309.490	1093403.168	208.15252	-105.000	820413.630	1093389.758				
4	kružnice	29.755	.000	.000	.00000	.000	820307.577	1093388.313	14.978	-1.063	-18.04061	
9	KK	.245829	820309.894	1093373.515	190.11192	-6000.000	826237.665	1094301.702				
4	kružnice	8.734	.000	.000	.00000	.000	820310.569	1093369.200	4.367	-.002	-.09267	
10	KK	.254562	820311.251	1093364.887	190.01925	-103.000	820412.988	1093380.969				
4	kružnice	60.991	.000	.000	.00000	.000	820316.157	1093333.854	31.419	-4.685	-37.69693	
11	KK	.315553	820337.548	1093310.842	152.32232	-251.289	820521.599	1093481.931				
4	kružnice	30.836	.000	.000	.00000	.000	820348.059	1093299.535	15.437	-.474	-7.81213	
12	KK	.346389	820359.874	1093289.600	144.51019	85.000	820305.170	1093224.542				

LETIN_F.L12											
5 kružnice	10.235	.000	.000	.00000	.000	820363.794	1093286.304	5.121	.154	7.66536	
13 KT 0 tečna	.356624 43.011	820367.293 .000	1093282.558 .000	152.17555 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000	.00000	
14 TK 6 kružnice	.399634 27.614	820396.649 .000	1093251.123 .000	152.17555 .00000	65.000 .000	820349.143 820406.217	1093206.758 1093240.878	14.018	1.494	27.04549	
15 KK 7 kružnice	.427248 51.543	820410.712 .000	1093227.599 .000	179.22104 .00000	-2000.000 .000	822305.120 820418.975	1093868.861 1093203.187	25.773	-.166	-1.64067	
16 KK 8 kružnice	.478791 3.391	820427.865 .000	1093178.996 .000	177.58037 .00000	65.000 .000	820366.854 820428.450	1093156.575 1093177.404	1.696	.022	3.32112	
17 KK 8 kružnice	.482182 35.732	820428.951 .000	1093175.784 .000	180.90149 .00000	399.895 .000	820046.917 820434.234	1093057.608 1093158.705	17.878	.399	5.68846	
18 KK 8 kružnice	.517914 27.480	820437.973 .000	1093141.222 .000	186.58995 .00000	180.000 .000	820261.951 820440.851	1093103.586 1093127.759	13.767	.526	9.71894	
19 KT 0 tečna	.545394 38.931	820441.649 .000	1093114.016 .000	196.30888 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000	.00000	
20 TK 9 kružnice	.584325 5.564	820443.905 .000	1093075.150 .000	196.30888 .00000	700.000 .000	819745.081 820444.066	1093034.587 1093072.373	2.782	.006	.50603	
21 KT 0 tečna	.589889 77.658	820444.205 .000	1093069.594 .000	196.81491 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000	.00000	
22 TK 10 kružnice	.667547 5.126	820448.089 .000	1092992.034 .000	196.81491 .00000	700.000 .000	819748.965 820448.217	1092957.026 1092989.474	2.563	.005	.46617	
23 KT 0 tečna	.672673 70.385	820448.326 .000	1092986.913 .000	197.28108 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000	.00000	
24 TK 11 kružnice	.743057 13.044	820451.332 .000	1092916.593 .000	197.28108 .00000	700.000 .000	819751.970 820451.610	1092886.706 1092910.077	6.522	.030	1.18626	
25 KT 0 tečna	.756101 11.382	820451.767 .000	1092903.557 .000	198.46734 .00000	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000	.00000	
26 TO	.767483	820452.041	1092892.178	198.46734	.000	.000	.000				

čís.vrch.	Údaje o vrcholech tečnového polygonu trasy				
	YT	XT	T1	T2	alfat
0	820237.519	1093576.627	.000	.000	.00000
1	820260.990	1093558.346	1.433	1.433	.36496
2	820275.933	1093546.569	1.045	1.046	.26618
3	820325.608	1093507.081	20.751	20.751	68.14149
4	820297.128	1093342.361	146.412	81.981	-66.38931
5	820363.794	1093286.304	5.121	5.126	7.66536
6	820406.217	1093240.878	14.018	14.018	27.04549
7	820418.975	1093203.187	25.773	25.773	-1.64067
8	820439.755	1093146.641	34.470	32.680	18.72851
9	820444.066	1093072.374	2.781	2.783	.50603
10	820448.217	1092989.475	2.562	2.564	.46617
11	820451.610	1092910.077	6.522	6.522	1.18626
12	820452.041	1092892.178	.000	.000	.00000

* Vytvořen výstupní soubor Staničení s názvem LETIN_F.SSS
 * Akce: PD - II/117 Letiny průtah - změna č.1
 * Trasa: SO.101 Rekonstrukce silnice II/117
 * Datum vzniku 16. 1.2018 programem RP12
 * Datum posl. zápisu 16. 1.2018 programem RP12

Údaje o výpočtu mimořehlosti zadaných bodů

Číslo bodu	stanič.	vzdálenost	souř.zadaného bodu		souř.paty kolmice na osu		směrník v patě
		D	Y1	X1	Y2	X2	SIG
1	.402276	.002	820398.411	1093249.155	820398.412	1093249.156	154.76329
2	.352478	.001	820364.390	1093285.517	820364.391	1093285.518	149.07059
3	.339700	.001	820354.812	1093293.972	820354.812	1093293.972	146.20488
4	.280436	.000	820318.442	1093340.103	820318.442	1093340.103	174.02699
5	.280436	.000	820318.442	1093340.103	820318.442	1093340.103	174.02699
6	.251361	.000	820310.752	1093368.049	820310.752	1093368.049	190.05321
7	.232545	-.045	820308.718	1093386.735	820308.673	1093386.734	198.16594
100	.608595	.001	820445.140	1093050.912	820445.141	1093050.912	196.81491
101	.026699	.001	820256.442	1093561.887	820256.443	1093561.888	142.12686
301	.014965	2.563	820245.610	1093567.077	820247.185	1093569.099	142.12686
302	.055491	2.780	820277.336	1093541.903	820279.066	1093544.079	142.75800
303	.101500	2.202	820312.870	1093513.485	820314.567	1093514.888	156.04199
304	.139110	2.848	820318.009	1093479.763	820320.817	1093479.288	210.65704
305	.170893	-2.847	820318.591	1093447.479	820315.777	1093447.908	209.62276
306	.212955	-2.850	820312.716	1093405.892	820309.890	1093406.260	208.25400
307	.236034	-3.122	820311.948	1093383.442	820308.832	1093383.249	196.05092
308	.279139	-3.154	820320.845	1093342.512	820317.935	1093341.297	174.82906
309	.321918	-2.849	820343.978	1093308.227	820341.941	1093306.235	150.70971
310	.350985	2.368	820361.691	1093284.821	820363.310	1093286.548	147.95236
311	.402098	2.096	820396.711	1093247.920	820398.296	1093249.291	154.58822
312	.413343	-8.710	820412.353	1093244.676	820404.884	1093240.195	165.60250
313	.452949	2.919	820416.356	1093202.338	820419.108	1093203.309	178.40296

LETIN_F.L12							
314	.503263	2.847	820431.887	1093154.793	820434.647	1093155.490	184.25751
315	.543884	2.850	820438.711	1093115.334	820441.555	1093115.523	195.77477
316	.583909	2.881	820441.005	1093075.399	820443.881	1093075.566	196.30888
317	.623920	2.797	820443.114	1093035.466	820445.907	1093035.606	196.81491
318	.652648	2.737	820444.610	1093006.777	820447.344	1093006.914	196.81491
500	.002713	.000	820237.519	1093576.627	820237.519	1093576.627	142.12686
601	.037881	-3.713	820267.543	1093557.909	820265.245	1093554.993	142.49182
901	.006005	-.006	820240.120	1093574.609	820240.116	1093574.604	142.12686
602	.077865	-3.697	820298.880	1093533.050	820296.580	1093530.156	142.75800
603	.094691	-3.716	820312.103	1093522.559	820309.750	1093519.682	143.65969
701	.014965	2.563	820245.610	1093567.077	820247.185	1093569.099	142.12686
702	.055491	2.780	820277.336	1093541.903	820279.066	1093544.079	142.75800
703	.101536	3.982	820311.518	1093512.327	820314.590	1093514.860	156.10716
704	.139150	3.468	820317.391	1093479.827	820320.811	1093479.249	210.65573
705	.170893	-2.847	820318.591	1093447.479	820315.777	1093447.908	209.62276
706	.402276	.002	820398.411	1093249.155	820398.412	1093249.157	154.76268
210	.541611	1.962	820439.434	1093117.635	820441.390	1093117.790	194.97102
211	.529406	2.318	820437.722	1093129.576	820440.015	1093129.915	190.65428

konec bloku dat pro výpočet mimořehlostí

Údaje o podrobných bodech trasy

WB	STA	Y	X	sig	R
***	Bod,zadaný staničením v km .000000 leží mimo trasu				
OT	.002713	820237.519	1093576.627	142.12686	.000
**	.012252	820245.045	1093570.765	142.12686	.000
**	.020000	820251.157	1093566.004	142.12686	.000
TK	.031030	820259.859	1093559.227	142.12686	.000
KT	.033897	820262.116	1093557.459	142.49182	.000
**	.040000	820266.909	1093553.681	142.49182	.000
TK	.050444	820275.112	1093547.216	142.49182	.000
KT	.052535	820276.751	1093545.919	142.75800	.000
**	.052778	820276.942	1093545.767	142.75800	.000
**	.060000	820282.595	1093541.273	142.75800	.000
**	.080000	820298.251	1093528.828	142.75800	.000
TK	.094196	820309.364	1093519.994	142.75800	.000
**	.098278	820312.404	1093517.273	150.18206	35.000
**	.100000	820313.588	1093516.023	153.31423	35.000
**	.120000	820322.127	1093498.238	189.69250	35.000
KK	.131659	820322.073	1093486.633	210.89922	35.000
**	.139110	820320.817	1093479.288	210.65704	-1956.331
**	.140000	820320.669	1093478.411	210.62807	-1956.331
**	.160000	820317.447	1093458.672	209.97724	-1956.331
**	.170893	820315.777	1093447.908	209.62277	-1956.331
**	.180000	820314.426	1093438.902	209.32641	-1956.331
**	.200000	820311.608	1093419.101	208.67558	-1956.331
**	.212955	820309.890	1093406.261	208.25401	-1956.331
KK	.216073	820309.490	1093403.168	208.15254	-1956.331
**	.220000	820309.061	1093399.265	205.77186	-105.000
**	.236034	820308.832	1093383.248	196.05037	-105.000
**	.240000	820309.152	1093379.295	193.64577	-105.000
KK	.245829	820309.894	1093373.515	190.11192	-6000.000
KK	.254562	820311.251	1093364.888	190.01925	-6000.000
**	.260000	820312.242	1093359.541	186.65821	-103.000
**	.279139	820317.935	1093341.297	174.82883	-103.000
**	.280000	820318.270	1093340.504	174.29667	-103.000
**	.300000	820327.858	1093322.988	161.93512	-103.000
KK	.315553	820337.548	1093310.842	152.32232	-251.289
**	.320000	820340.605	1093307.612	151.19564	-251.289
**	.321918	820341.941	1093306.235	150.70973	-251.289
**	.340000	820355.037	1093293.773	146.12881	-251.289
KK	.346389	820359.874	1093289.600	144.51021	-251.289
**	.350985	820363.310	1093286.548	147.95239	85.000
KT	.356624	820367.293	1093282.558	152.17555	.000
**	.360000	820369.597	1093280.090	152.17555	.000
**	.380000	820383.248	1093265.473	152.17555	.000
TK	.399634	820396.649	1093251.123	152.17555	.000
**	.400000	820396.898	1093250.855	152.53382	65.000
**	.402098	820398.296	1093249.291	154.58863	65.000
**	.413343	820404.884	1093240.195	165.60215	65.000
**	.420000	820408.010	1093234.321	172.12212	65.000
KK	.427248	820410.712	1093227.600	179.22092	65.000
**	.440000	820414.839	1093215.534	178.81513	-2000.000
**	.452949	820419.108	1093203.309	178.40295	-2000.000
**	.460000	820421.466	1093196.664	178.17851	-2000.000
KK	.478791	820427.865	1093178.996	177.58038	-2000.000
**	.480000	820428.272	1093177.857	178.76445	65.000
KK	.482182	820428.951	1093175.784	180.90149	399.895
**	.500000	820433.836	1093158.650	183.73806	399.895
**	.503263	820434.647	1093155.490	184.25752	399.895
KK	.517914	820437.973	1093141.222	186.58991	399.895
**	.520000	820438.397	1093139.180	187.32764	180.000
**	.540000	820441.256	1093119.395	194.40119	180.000
**	.543884	820441.555	1093115.523	195.77487	180.000
KT	.545394	820441.649	1093114.016	196.30888	.000
**	.560000	820442.495	1093099.434	196.30888	.000
**	.580000	820443.654	1093079.468	196.30888	.000
**	.583909	820443.881	1093075.566	196.30888	.000
TK	.584325	820443.905	1093075.150	196.30888	700.000
KT	.589889	820444.205	1093069.594	196.81490	700.000
**	.600000	820444.711	1093059.496	196.81491	.000
**	.620000	820445.711	1093039.521	196.81491	.000
**	.623920	820445.907	1093035.606	196.81491	.000
**	.640000	820446.711	1093019.546	196.81491	.000

				LETIN_F.L12	
**	.652648	820447.344	1093006.914	196.81491	.000
**	.660000	820447.711	1092999.571	196.81491	.000
TK	.667547	820448.089	1092992.034	196.81491	.000
KT	.672673	820448.326	1092986.913	197.28108	.000
**	.680000	820448.639	1092979.593	197.28108	.000
**	.700000	820449.493	1092959.611	197.28108	.000
**	.720000	820450.347	1092939.629	197.28108	.000
**	.740000	820451.201	1092919.648	197.28108	.000
TK	.743057	820451.332	1092916.593	197.28108	.000
KT	.756101	820451.767	1092903.557	198.46734	700.000
**	.760000	820451.861	1092899.659	198.46734	.000
TO	.767483	820452.041	1092892.178	198.46734	.000
***	Bod,zadaný staničením v km	.767499	leží mimo trasu		
*** VÝPOČET UKONČEN BEZ CHYB ***					

* Kod(1) zadany = 1
 * Kod(1) po uprave = 4

PONTEx S.r.o.

PROGRAMOVÝ SYSTÉM R O A D P A C - program RP12
 Plánská 5, 301 00, Plzeň

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2010

Datum zadání: 9.12.2016

Datum výpočtu: 9.12.2016 14:34:42

Projekt:KBEL PD - II/117 Letiny průtah - změna č.1
 Trasa: KBEL.V12 SO.102 Rekonstrukce silnice III/11757

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	820538.117	1093046.403	2	820445.140	1093050.912

* Vytvořen výstupní soubor Hlavní body směru s názvem KBEL.SHB
 * Akce: PD - II/117 Letiny průtah - změna č.1
 * Trasa: SO.102 Rekonstrukce silnice III/11757
 * Datum vzniku 9.12.2016 programem RP12
 * Datum posl. zápisu 9.12.2016 programem RP12
 * Soubor .SHB nového typu

CB IND	Údaje o hlavních bodech směrového vedení trasy	STA	YH	XH	sigmah	R	YS	XS
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1 T2(VZP) alfat
1 OT	.000000	820538.117	1093046.403	303.08493	.000	.000	.000	.000 .000 .00000
0 tečna	93.086	.000	.000	.00000	.000	.000	.000	.000 .000 .00000
2 TO	.093086	820445.140	1093050.912	303.08492	.000	.000	.000	

čís.vrch.	Údaje o vrcholech tečnového polygonu trasy	YT	XT	T1	T2	alfat
0	820538.117	1093046.403	.000	.000	.00000	
1	820445.718	1093050.884	-.579	-92.507	-.00001	
2	820445.140	1093050.912	.000	.000	.00000	

* Vytvořen výstupní soubor Staničení s názvem KBEL.SSS
 * Akce: PD - II/117 Letiny průtah - změna č.1
 * Trasa: SO.102 Rekonstrukce silnice III/11757
 * Datum vzniku 9.12.2016 programem RP12
 * Datum posl. zápisu 9.12.2016 programem RP12

Údaje o výpočtu mimořehlosti zadaných bodů

Číslo bodu stanič.	vzdálenost	souř.zadaného bodu	souř.patý kolmice na osu	směrník v patě
	D	Y1 X1	Y2 X2	SIG
1	.050250	2.599	820488.052 1093051.433	820487.926 1093048.837 303.08493
2	.080675	2.598	820457.663 1093052.906	820457.537 1093050.311 303.08493

Konec bloku dat pro výpočet mimořehlostí

WB	Údaje o podrobných bodech trasy	STA	Y	X	sig	R
** OT	.000000	820538.117	1093046.403	303.08492	.000	
**	.020000	820518.140	1093047.372	303.08492	.000	
**	.040000	820498.164	1093048.341	303.08492	.000	
**	.050250	820487.926	1093048.837	303.08492	.000	
**	.060000	820478.187	1093049.309	303.08492	.000	
**	.080000	820458.211	1093050.278	303.08492	.000	
**	.080680	820457.532	1093050.311	303.08492	.000	
** TO	.093086	820445.140	1093050.912	303.08492	.000	

*** VÝPOČET UKONČEN BEZ CHYB ***

