

PRAGOPROJEKT PRAHA, a. s. OBO CAD, 14754 Praha 4, K Rysance 16  
PROGRAMOVÝ SYSTÉM R O A D P A C - program RP12

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2017 Datum zadání: 12.11.2018 Datum výpočtu: 12.11.2018 9:27:27  
datum a čas kompilace: 25.11.2017 20:27

**Projekt: KARLOVAR Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**  
**Trasa: 1110.V12 1110**

Údaje o hlavních bodech směrového vedení trasy										
CB IND	STA	YH	XH	sigmah	R	YS	XS			
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat
1 OT	.000000	825329.287	1067826.315	217.83685	.000	.000	.000			
0 tečna	6.071	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
2 TK	.006071	825327.608	1067820.480	217.83685	-30.000	825356.438	1067812.184			
1 kružnice	43.655	.000	.000	.00000	.000	825320.220	1067794.805	26.717	-10.172	-92.63860
3 KT	.049726	825344.871	1067784.504	125.19825	.000	.000	.000			
0 tečna	38.684	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
4 TK	.088410	825380.565	1067769.589	125.19825	200.000	825303.453	1067585.052			
2 kružnice	45.257	.000	.000	.00000	.000	825401.533	1067760.827	22.725	1.287	14.40569
5 KT	.133667	825420.001	1067747.584	139.60394	.000	.000	.000			
0 tečna	20.706	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
6 TK	.154373	825436.828	1067735.518	139.60394	60.000	825401.864	1067686.758			
3 kružnice	120.157	.000	.000	.00000	.000	825512.985	1067680.907	93.713	51.275	127.49015
7 KT	.274530	825431.514	1067634.596	267.09410	.000	.000	.000			
0 tečna	133.966	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
8 TK	.408496	825315.049	1067568.394	267.09410	-80.000	825354.583	1067498.845			
4 kružnice	102.457	.000	.000	.00000	.000	825263.228	1067538.937	59.608	-19.765	-81.53283
9 KT	.510953	825276.632	1067480.856	185.56127	.000	.000	.000			
0 tečna	13.259	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
10 TK	.524212	825279.613	1067467.936	185.56127	60.000	825221.150	1067454.444			
5 kružnice	103.315	.000	.000	.00000	.000	825295.315	1067399.896	69.828	32.065	109.62050
11 KT	.627527	825225.686	1067394.616	295.18176	.000	.000	.000			
0 tečna	77.064	.000	.000	.00000	.000	.000	.000	.000	.000	.00000

12 TK	.704591	825148.844	1067388.789	295.18176	-70.000	825154.136	1067318.990			
6 kružnice	79.454	.000	.000	.00000	.000	825104.347	1067385.415	44.624	-13.014	-72.26001
13 KT	.784045	825088.625	1067343.652	222.92175	.000	.000	.000			
0 tečna	42.847	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
14 TO	.826892	825073.529	1067303.553	222.92175	.000	.000	.000			

Údaje o vrcholech tečnového polygonu trasy					
čís.vrch.	YT	XT	T1	T2	alfat
0	825329.287	1067826.315	.000	.000	.00000
1	825320.220	1067794.805	26.717	26.717	-92.63860
2	825401.533	1067760.827	22.725	22.725	14.40569
3	825512.985	1067680.907	93.713	93.713	127.49015
4	825263.228	1067538.937	59.608	59.608	-81.53283
5	825295.315	1067399.896	69.828	69.828	-290.37950
6	825104.347	1067385.415	44.624	44.624	-72.26001
7	825073.529	1067303.553	.000	.000	.00000

Údaje o podrobných bodech trasy					
WB	STA	Y	X	sig	R
** OT	.000000	825329.287	1067826.315	217.83685	.000
TK	.006071	825327.608	1067820.481	217.83685	.000
**	.020000	825326.945	1067806.692	188.27946	-30.000
**	.040000	825336.656	1067789.631	145.83814	-30.000
KT	.049726	825344.871	1067784.504	125.19893	-30.000
**	.060000	825354.351	1067780.543	125.19825	.000
**	.080000	825372.805	1067772.832	125.19825	.000
TK	.088410	825380.564	1067769.589	125.19825	.000
**	.100000	825391.123	1067764.813	128.88735	200.000
**	.120000	825408.631	1067755.163	135.25355	200.000
KT	.133667	825420.001	1067747.584	139.60389	200.000
**	.140000	825425.147	1067743.894	139.60394	.000
TK	.154373	825436.828	1067735.518	139.60394	.000
**	.160000	825441.240	1067732.029	145.57392	60.000
**	.180000	825453.885	1067716.654	166.79458	60.000
**	.200000	825460.804	1067697.987	188.01524	60.000
**	.220000	825461.233	1067678.084	209.23590	60.000
**	.240000	825455.127	1067659.136	230.45656	60.000
**	.260000	825443.158	1067643.229	251.67721	60.000
KT	.274530	825431.514	1067634.596	267.09402	60.000
**	.280000	825426.759	1067631.893	267.09410	.000
**	.300000	825409.372	1067622.010	267.09410	.000
**	.320000	825391.984	1067612.126	267.09410	.000
**	.340000	825374.597	1067602.243	267.09410	.000
**	.360000	825357.210	1067592.359	267.09410	.000
**	.380000	825339.822	1067582.476	267.09410	.000

**		.400000	825322.435	1067572.592	267.09410	.000
TK		.408496	825315.049	1067568.394	267.09410	.000
**		.420000	825305.490	1067562.011	257.93966	-80.000
**		.440000	825291.389	1067547.901	242.02417	-80.000
**		.460000	825281.217	1067530.742	226.10867	-80.000
**		.480000	825275.606	1067511.599	210.19318	-80.000
**		.500000	825274.906	1067491.663	194.27768	-80.000
KT		.510953	825276.632	1067480.856	185.56156	-80.000
**		.520000	825278.666	1067472.041	185.56126	.000
TK		.524212	825279.613	1067467.937	185.56126	.000
**		.540000	825281.110	1067452.265	202.31247	60.000
**		.560000	825277.097	1067432.767	223.53313	60.000
**		.580000	825266.924	1067415.654	244.75379	60.000
**		.600000	825251.713	1067402.812	265.97445	60.000
**		.620000	825233.137	1067395.654	287.19511	60.000
KT		.627527	825225.687	1067394.616	295.18150	60.000
**		.640000	825213.249	1067393.673	295.18176	.000
**		.660000	825193.307	1067392.161	295.18176	.000
**		.680000	825173.364	1067390.649	295.18176	.000
**		.700000	825153.421	1067389.136	295.18176	.000
TK		.704591	825148.844	1067388.789	295.18176	-70.000
**		.720000	825133.730	1067385.949	281.16775	-70.000
**		.740000	825115.685	1067377.483	262.97861	-70.000
**		.760000	825100.758	1067364.275	244.78947	-70.000
**		.780000	825090.159	1067347.394	226.60034	-70.000
KT		.784045	825088.625	1067343.652	222.92175	.000
**		.800000	825083.004	1067328.720	222.92175	.000
**		.820000	825075.957	1067310.003	222.92175	.000
TO		.826892	825073.529	1067303.553	222.92175	.000

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

**Projekt: KARLOVAR**                      **Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**  
**Trasa: 110401V4.V12**                      **110401V4**

Údaje o hlavních bodech směrového vedení trasy											
CB IND	STA	YH	XH	sigmah	R	YS	XS				
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat	
1 OK	.000000	825090.339	1067309.990	376.71792	30.000	825118.355	1067320.719				
1 kružnice	19.856	.000	.000	.000000	.000	825086.653	1067319.615	10.307	1.721	42.13502	
2 KO	.019856	825089.661	1067329.474	18.85294	30.000	.000	.000				

  

Údaje o vrcholech tečnového polygonu trasy					
čís.vrch.	YT	XT	T1	T2	alfat
0	825090.339	1067309.990	.000	.000	.000000
1	825086.653	1067319.615	10.307	10.307	42.13502

2	825089.661	1067329.474	.000	.000	.00000
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Údaje o podrobných bodech trasy

WB	STA	Y	X	sig	R
** OK	.000000	825090.339	1067309.990	376.71792	30.000
**	.005000	825088.947	1067314.787	387.32825	30.000
**	.010000	825088.370	1067319.747	397.93858	30.000
**	.015000	825088.625	1067324.735	8.54892	30.000
** KO	.019856	825089.661	1067329.474	18.85294	30.000

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

**Projekt: KARLOVAR**                      **Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**  
**Trasa: 110401V5.V12**                      **110401V5**

Údaje o hlavních bodech směrového vedení trasy

CB IND	STA	YH	XH	sigmah	R	YS	XS			
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat
1 OK	.000000	825076.757	1067328.802	226.35617	15.000	825063.025	1067334.836			
1 kružnice	11.154	.000	.000	.00000	.000	825074.404	1067323.447	5.849	1.100	47.34064
2 KO	.011154	825069.047	1067321.099	273.69680	15.000	.000	.000			

Údaje o vrcholech tečnového polygonu trasy

čís.vrch.	YT	XT	T1	T2	alfat
0	825076.757	1067328.802	.000	.000	.00000
1	825074.404	1067323.447	5.849	5.849	47.34064
2	825069.047	1067321.099	.000	.000	.00000

Údaje o podrobných bodech trasy

WB	STA	Y	X	sig	R
** OK	.000000	825076.757	1067328.802	226.35617	15.000
**	.005000	825074.027	1067324.641	247.57682	15.000
**	.010000	825070.086	1067321.602	268.79748	15.000
** KO	.011154	825069.048	1067321.099	273.69521	15.000

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

**Projekt: KARLOVAR**  
**Trasa: 1110\_NP1.V12**

**Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**  
**1110\_NP1**

Údaje o hlavních bodech směrového vedení trasy										
CB IND	STA	YH	XH	sigmah	R	YS	XS			
CV TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat
1 OT	.000000	825111.359	1067336.900	25.68339	.000	.000	.000			
0 tečna	8.312	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
2 TK	.008312	825114.622	1067344.545	25.68339	-1.000	825113.702	1067344.937			
1 kružnice	.214	.000	.000	.00000	.000	825114.664	1067344.643	.107	-.006	-13.62216
3 KT	.008526	825114.684	1067344.749	12.06123	.000	.000	.000			
0 tečna	7.338	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
4 TK	.015864	825116.066	1067351.955	12.06123	1.000	825117.048	1067351.767			
2 kružnice	.513	.000	.000	.00000	.000	825116.116	1067352.213	.262	.034	32.64871
5 KT	.016377	825116.285	1067352.413	44.70994	.000	.000	.000			
0 tečna	5.756	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
6 TK	.022133	825120.003	1067356.807	44.70994	1.000	825120.766	1067356.161			
3 kružnice	.472	.000	.000	.00000	.000	825120.158	1067356.990	.240	.028	30.04348
7 KT	.022605	825120.380	1067357.083	74.75342	.000	.000	.000			
0 tečna	6.705	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
8 TK	.029310	825126.565	1067359.673	74.75342	1.000	825126.951	1067358.751			
4 kružnice	.094	.000	.000	.00000	.000	825126.608	1067359.691	.047	.001	6.01482
9 KT	.029404	825126.654	1067359.705	80.76824	.000	.000	.000			
0 tečna	7.376	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
10 TK	.036780	825133.695	1067361.900	80.76824	-1.000	825133.398	1067362.854			
5 kružnice	.113	.000	.000	.00000	.000	825133.749	1067361.916	.057	-.002	-7.20929
11 KO	.036893	825133.801	1067361.939	73.55895	-1.000	.000	.000			

Údaje o vrcholech tečnového polygonu trasy					
čís.vrch.	YT	XT	T1	T2	alfat
0	825111.359	1067336.900	.000	.000	.00000
1	825114.664	1067344.643	.107	.107	-13.62216
2	825116.116	1067352.213	.262	.262	32.64871
3	825120.158	1067356.990	.240	.240	30.04348
4	825126.608	1067359.691	.047	.047	6.01482
5	825133.749	1067361.916	.057	.057	-7.20929

6	825133.801	1067361.939	.000	.000	.00000
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Údaje o podrobných bodech trasy

WB	STA	Y	X	sig	R
** OT	.000000	825111.359	1067336.900	25.68339	.000
TK	.008312	825114.622	1067344.544	25.68339	.000
KT	.008526	825114.684	1067344.749	12.07895	-1.000
TK	.015864	825116.066	1067351.955	12.06123	.000
KT	.016377	825116.285	1067352.413	44.70994	.000
**	.020000	825118.625	1067355.179	44.70994	.000
TK	.022133	825120.003	1067356.807	44.70994	1.000
KT	.022605	825120.380	1067357.083	74.75342	.000
TK	.029310	825126.565	1067359.673	74.75342	1.000
KT	.029404	825126.654	1067359.705	80.76451	1.000
TK	.036780	825133.695	1067361.900	80.76824	-1.000
** KO	.036893	825133.801	1067361.939	73.55895	-1.000

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

**Projekt: KARLOVAR**                      **Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**  
**Trasa: 1110\_NP2.V12**                      **1110\_NP2**

Údaje o hlavních bodech směrového vedení trasy

CB	IND	STA	YH	XH	sigmah	R	YS	XS			
CV	TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat
1	OT	.000000	825176.020	1067370.248	99.81974	.000	.000	.000			
0	tečna	8.547	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
2	TK	.008547	825184.567	1067370.272	99.81974	1.000	825184.570	1067369.272			
1	kružnice	.088	.000	.000	.00000	.000	825184.611	1067370.272	.044	.001	5.58112
3	KT	.008634	825184.654	1067370.268	105.40086	.000	.000	.000			
0	tečna	10.073	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
4	TK	.018707	825194.691	1067369.415	105.40086	-1.000	825194.775	1067370.411			
2	kružnice	.121	.000	.000	.00000	.000	825194.751	1067369.410	.061	-.002	-7.72476
5	KT	.018828	825194.812	1067369.412	97.67610	.000	.000	.000			
0	tečna	10.147	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
6	TK	.028975	825204.952	1067369.782	97.67610	-1.000	825204.916	1067370.782			
3	kružnice	.031	.000	.000	.00000	.000	825204.968	1067369.783	.015	.000	-1.97252
7	KT	.029006	825204.983	1067369.784	95.70358	.000	.000	.000			
0	tečna	17.952	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
8	TK	.046958	825222.894	1067370.994	95.70358	-56.190	825219.104	1067427.057			

4 kružnice	59.712	.000	.000	.00000	.000	825255.843	1067373.221	33.024	-8.986	-67.65241
9 KT	.106670	825269.928	1067403.091	28.05117	.000	.000	.000			
0 tečna	1.163	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
10 TK	.107833	825270.424	1067404.143	28.05117	-1.000	825269.519	1067404.570			
5 kružnice	1.225	.000	.000	.00000	.000	825270.723	1067404.779	.703	-.222	-77.99222
11 KT	.109058	825270.227	1067405.276	350.05895	.000	.000	.000			
0 tečna	3.611	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
12 TO	.112670	825267.676	1067407.832	350.05895	.000	.000	.000			

čís.vrch.	YT	XT	T1	T2	alfat
0	825176.020	1067370.248	.000	.000	.00000
1	825184.611	1067370.272	.044	.044	5.58112
2	825194.751	1067369.410	.061	.061	-7.72476
3	825204.968	1067369.783	.015	.015	-1.97252
4	825255.843	1067373.221	33.024	33.024	-67.65241
5	825270.723	1067404.779	.703	.703	-77.99222
6	825267.676	1067407.832	.000	.000	.00000

WB	STA	Y	X	sig	R
** OT	.000000	825176.020	1067370.248	99.81974	.000
TK	.008547	825184.567	1067370.272	99.81974	1.000
KT	.008634	825184.654	1067370.268	105.38238	1.000
TK	.018707	825194.691	1067369.415	105.40086	-1.000
KT	.018828	825194.812	1067369.412	97.69592	-1.000
**	.020000	825195.983	1067369.455	97.67610	.000
TK	.028975	825204.952	1067369.782	97.67610	.000
KT	.029006	825204.983	1067369.784	95.71834	-1.000
**	.040000	825215.952	1067370.525	95.70358	.000
TK	.046958	825222.894	1067370.994	95.70358	-56.190
**	.060000	825235.688	1067373.369	80.92712	-56.190
**	.080000	825253.357	1067382.513	58.26769	-56.190
**	.100000	825266.732	1067397.241	35.60826	-56.190
KT	.106670	825269.928	1067403.091	28.05134	-56.190
TK	.107833	825270.424	1067404.143	28.05117	.000
KT	.109058	825270.227	1067405.276	350.07424	-1.000
** TO	.112670	825267.676	1067407.832	350.05895	.000

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

**Projekt:KARLOVAR Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**

**Trasa: 1110V1.V12 1110V1**

		Údaje o hlavních bodech směrového vedení trasy									
CB	IND	STA	YH	XH	sigmah	R	YS	XS			
CV	TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat

1	OK	.000000	825334.009	1067799.134	366.45295	12.250	825344.597	1067805.295			
1	kružnice	30.026	.000	.000	.00000	.000	825316.879	1067828.575	34.062	23.948	156.04323

2	KO	.030026	825348.836	1067816.788	122.49618	12.250	.000	.000			
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		Údaje o vrcholech tečnového polygonu trasy				
čís.vrch.		YT	XT	T1	T2	alfat
0		825334.009	1067799.134	.000	.000	.00000
1		825316.879	1067828.575	34.062	34.062	-243.95677
2		825348.836	1067816.788	.000	.000	.00000

		Údaje o podrobných bodech trasy				
WB		STA	Y	X	sig	R
**	OK	.000000	825334.009	1067799.134	366.45295	12.250
**		.005000	825332.433	1067803.843	392.43743	12.250
**		.010000	825332.856	1067808.790	18.42191	12.250
**		.015000	825335.208	1067813.163	44.40639	12.250
**		.020000	825339.102	1067816.243	70.39087	12.250
**		.025000	825343.900	1067817.525	96.37535	12.250
**		.030000	825348.811	1067816.797	122.35983	12.250
**	KO	.030026	825348.836	1067816.788	122.49495	12.250

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

**Projekt:KARLOVAR Městský okruh, úsek Křimická (Chebská) - Karlovarská v Plzni**

**Trasa: 1110V2.V12 1110V2**

		Údaje o hlavních bodech směrového vedení trasy									
CB	IND	STA	YH	XH	sigmah	R	YS	XS			
CV	TP	DIF	YP	XP	sigp	A	YT	XT	T1	T2(VZP)	alfat

1	OK	.000000	825311.371	1067828.088	117.83603	15.250	825307.154	1067813.433			
1	kružnice	20.068	.000	.000	.00000	.000	825322.698	1067824.829	11.786	4.024	83.77621

2	KO	.020068	825322.399	1067813.047	201.61223	15.250	.000	.000			
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čís.vrch.	Údaje o vrcholech tečnového polygonu trasy				
	YT	XT	T1	T2	alfat
0	825311.371	1067828.088	.000	.000	.00000
1	825322.698	1067824.829	11.786	11.786	83.77621
2	825322.399	1067813.047	.000	.000	.00000

		Údaje o podrobných bodech trasy				
WB		STA	Y	X	sig	R
**	OK	.000000	825311.371	1067828.088	117.83603	15.250
**		.005000	825315.866	1067825.950	138.70881	15.250
**		.010000	825319.432	1067822.477	159.58159	15.250
**		.015000	825321.691	1067818.042	180.45437	15.250
**		.020000	825322.401	1067813.115	201.32715	15.250
**	KO	.020068	825322.399	1067813.047	201.61102	15.250

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