

Akce: Projektová dokumentace D11 km 0,0-8,0 výměna vozovkových vrstev
včetně modernizace souvisejících zařízení dálnice
včetně křižovatkových větví s D0-akt. DSP/PDPS

Trasa: SO 101 - Hlavní trasa km 0,000 - 7,800

SMĚROVÝ VÝPOČET DO KRUŽNIC											
Typ	D1	Kontrolní opis		vstupních údajů		R	Y1	X1	IB2	Y2	X2
		D2	DL	D2	DL						
1	.000	.000	.000	-1500.000	-540.000	-231.429	1 730125.248	1043475.915	2 729354.343	1043462.988	
2	.000	.000	.000	3500.000	-482.857	.000	3 728648.572	1043155.067	4 728104.446	1042961.909	
1	.000	.000	.000	.000	-512.000	.000	5 727632.554	1042860.073	6 726656.987	1042672.906	
2	.000	.000	.000	-5000.000	-512.000	-568.889	7 726155.936	1042567.880	8 725702.067	1042433.375	
2	.000	.000	.000	4500.000	-568.889	-571.429	9 724693.500	1042045.097	10 723201.163	1041812.170	
2	.000	.000	.000	-7000.000	.000	.000	11 722063.028	1041880.161	12 721786.844	1041884.705	

DY= .00306 DX= .00031

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	-.200000	730125.248	1043475.915	315.47964	-1500.000	729764.101	1042020.040			
1	kružnice	779.720	.000	.000	.00000	.000	729738.099	1043571.952	398.883	-52.130	-33.09235
2	KP	.579720	729354.385	1043463.000	282.38728	-1500.000	729764.101	1042020.040			
1	klotoida	540.000	728857.033	1043254.668	270.92813	-900.000	729180.693	1043413.681	180.557	360.613	-11.45916
3	PP	1.119720	728857.033	1043254.668	270.92812	.000	.000	.000			
2	klotoida	231.429	728857.033	1043254.668	270.92812	900.001	728718.549	1043186.632	154.295	77.151	2.10474
4	PK	1.351149	728648.216	1043154.919	273.03286	3500.000	727209.563	1046345.574			
2	kružnice	577.943	.000	.000	.00000	.000	728384.186	1043035.869	289.628	11.963	10.51229
5	KP	1.929093	728104.177	1042961.838	283.54515	3500.000	727209.563	1046345.574			
2	klotoida	482.439	727632.691	1042860.100	287.93273	-1299.438	727948.636	1042920.715	160.885	321.707	4.38757
6	PT	2.411532	727632.691	1042860.100	287.93272	.000	.000	.000			
0	tečna	993.499	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
7	TP	3.405030	726656.987	1042672.906	287.93273	.000	.000	.000			
3	klotoida	512.000	726656.987	1042672.906	287.93273	1600.000	726321.721	1042608.583	341.381	170.709	-3.25950
8	PK	3.917030	726155.936	1042567.880	284.67323	-5000.000	727348.103	1037712.086			
3	kružnice	473.556	.000	.000	.00000	.000	725925.813	1042511.382	236.957	-5.612	-6.02951
9	KP	4.390587	725702.067	1042433.375	278.64372	-5000.000	727348.102	1037712.086			
3	klotoida	512.000	725224.696	1042248.441	275.38422	-1600.000	725540.873	1042377.176	170.710	341.380	-3.25950
10	PP	4.902587	725224.696	1042248.441	275.38422	.000	.000	.000			
4	klotoida	568.889	725224.696	1042248.441	275.38422	1600.000	724873.364	1042105.393	379.338	189.702	4.02406
11	PK	5.471476	724693.499	1042045.097	279.40828	4500.000	723263.204	1046311.742			
4	kružnice	1517.586	.000	.000	.00000	.000	723967.159	1041801.608	766.065	64.741	21.46944
12	KP	6.989061	723201.164	1041812.170	300.87772	4500.000	723263.205	1046311.742			
4	klotoida	568.889	722633.265	1041843.964	304.90179	-1600.000	723011.481	1041814.785	189.701	379.339	4.02406
13	PP	7.557950	722633.265	1041843.964	304.90178	.000	.000	.000			
5	klotoida	571.429	722633.265	1041843.964	304.90178	2000.001	722253.408	1041873.270	380.986	190.506	-2.59846
14	PK	8.129379	722063.026	1041880.161	302.30333	-7000.000	721809.818	1034884.742			
5	kružnice	276.235	.000	.000	.00000	.000	721924.973	1041885.158	138.144	-1.363	-2.51225
15	KO	8.405615	721786.844	1041884.705	299.79108	-7000.000	.000	.000			

Údaje o vrcholech tečnového polygonu trasy					
čís.vrch.	YT	XT	T1	T2	alfat
0	730125.248	1043475.915	.000	.000	.00000
1	729581.774	1043610.730	559.946	807.484	-44.55152
2	728323.799	1042992.693	594.113	703.712	17.00460
3	725919.856	1042531.483	750.575	750.573	-12.54851
4	723976.725	1041740.317	1347.450	1347.452	29.51756
5	722092.202	1041885.707	542.671	305.359	-5.11070
6	721786.844	1041884.705	.000	.000	.00000

Údaje o podrobných bodech trasy					
**	.100000	729828.811	1043518.643	302.74724	-1500.000
**	.120000	729808.825	1043519.373	301.89842	-1500.000
**	.140000	729788.830	1043519.836	301.04959	-1500.000
**	.150000	729778.831	1043519.967	300.62518	-1500.000
**	.160000	729768.831	1043520.032	300.20076	-1500.000
**	.180000	729748.832	1043519.962	299.35194	-1500.000
**	.200000	729728.835	1043519.625	298.50311	-1500.000
**	.220000	729708.844	1043519.022	297.65428	-1500.000
**	.240000	729688.863	1043518.152	296.80546	-1500.000
**	.250000	729678.877	1043517.617	296.38105	-1500.000

Směrový výpočet

**	.260000	729668.895	1043517.015	295.95663	-1500.000
**	.280000	729648.945	1043515.613	295.10781	-1500.000
**	.300000	729629.015	1043513.945	294.25898	-1500.000
**	.320000	729609.108	1043512.011	293.41015	-1500.000
**	.340000	729589.230	1043509.812	292.56133	-1500.000
**	.350000	729579.302	1043508.613	292.13691	-1500.000
**	.360000	729569.382	1043507.348	291.71250	-1500.000
**	.380000	729549.570	1043504.619	290.86367	-1500.000
**	.400000	729529.795	1043501.627	290.01485	-1500.000
**	.420000	729510.062	1043498.371	289.16602	-1500.000
**	.440000	729490.374	1043494.853	288.31719	-1500.000
**	.450000	729480.548	1043492.995	287.89278	-1500.000
**	.460000	729470.735	1043491.072	287.46837	-1500.000
**	.480000	729451.147	1043487.030	286.61954	-1500.000
**	.500000	729431.616	1043482.727	285.77072	-1500.000
**	.520000	729412.144	1043478.164	284.92189	-1500.000
**	.540000	729392.734	1043473.342	284.07306	-1500.000
**	.550000	729383.053	1043470.834	283.64865	-1500.000
**	.560000	729373.390	1043468.261	283.22424	-1500.000
KP	.579720	729354.385	1043463.000	282.38729	-1500.000
**	.580000	729354.116	1043462.923	282.37541	-1500.778
**	.600000	729334.914	1043457.330	281.54274	-1558.531
**	.620000	729315.785	1043451.491	280.74151	-1620.907
**	.640000	729296.730	1043445.417	279.97172	-1688.485
**	.650000	729287.230	1043442.295	279.59861	-1724.431
**	.660000	729277.748	1043439.117	279.23337	-1761.942
**	.680000	729258.839	1043432.602	278.52645	-1842.081
**	.700000	729240.002	1043425.883	277.85097	-1929.858
**	.720000	729221.235	1043418.968	277.20693	-2026.418
**	.740000	729202.538	1043411.869	276.59433	-2133.150
**	.750000	729193.215	1043408.253	276.29982	-2190.847
**	.760000	729183.908	1043404.594	276.01317	-2251.751
**	.780000	729165.343	1043397.155	275.46344	-2384.316
**	.800000	729146.841	1043389.560	274.94516	-2533.466
**	.820000	729128.400	1043381.819	274.45831	-2702.521
**	.840000	729110.017	1043373.942	274.00290	-2895.752
**	.850000	729100.846	1043369.955	273.78698	-3003.113
**	.860000	729091.688	1043365.938	273.57892	-3118.742
**	.880000	729073.411	1043357.816	273.18639	-3378.941
**	.900000	729055.183	1043349.587	272.82529	-3686.508
**	.920000	729036.999	1043341.259	272.49563	-4055.676
**	.940000	729018.857	1043332.841	272.19741	-4507.008
**	.950000	729009.800	1043328.602	272.06009	-4772.564
**	.960000	729000.752	1043324.343	271.93063	-5071.372
**	.980000	728982.681	1043315.774	271.69528	-5797.305
**	1.000000	728964.640	1043307.142	271.49138	-6765.781
**	1.020000	728946.624	1043298.457	271.31891	-8122.735
**	1.040000	728928.630	1043289.727	271.17788	-10160.548
**	1.050000	728919.639	1043285.349	271.11915	-11617.883
**	1.060000	728910.653	1043280.963	271.06828	-13563.271
**	1.080000	728892.688	1043272.171	270.99013	-20392.695
**	1.100000	728874.733	1043263.362	270.94341	-41074.830
PP	1.119720	728857.033	1043254.668	270.92813	.000
**	1.120000	728856.781	1043254.545	270.92813	2893956.580
**	1.140000	728838.830	1043245.727	270.94428	39941.111
**	1.150000	728829.853	1043241.321	270.96415	26750.473
**	1.160000	728820.874	1043236.919	270.99188	20109.325
**	1.180000	728802.910	1043228.128	271.07092	13437.341
**	1.200000	728784.932	1043219.364	271.18139	10089.718
**	1.220000	728766.937	1043210.636	271.32330	8077.407
**	1.240000	728748.921	1043201.952	271.49665	6734.305
**	1.250000	728739.903	1043197.630	271.59511	6217.395
**	1.260000	728730.879	1043193.322	271.70143	5774.181
**	1.280000	728712.807	1043184.754	271.93766	5053.669
**	1.300000	728694.701	1043176.258	272.20532	4493.022
**	1.320000	728676.558	1043167.843	272.50442	4044.348
**	1.340000	728658.373	1043159.518	272.83496	3677.147
**	1.350000	728649.264	1043155.391	273.01202	3517.465
PK	1.351149	728648.216	1043154.919	273.03287	3500.002
**	1.360000	728640.143	1043151.291	273.19385	3500.000
**	1.380000	728621.867	1043143.169	273.55764	3500.000
**	1.400000	728603.544	1043135.151	273.92142	3500.000
**	1.420000	728585.176	1043127.237	274.28520	3500.000
**	1.440000	728566.764	1043119.429	274.64898	3500.000
**	1.450000	728557.541	1043115.565	274.83088	3500.000
**	1.460000	728548.306	1043111.727	275.01277	3500.000
**	1.480000	728529.806	1043104.130	275.37655	3500.000
**	1.500000	728511.262	1043096.638	275.74033	3500.000
**	1.520000	728492.675	1043089.253	276.10412	3500.000
**	1.540000	728474.047	1043081.974	276.46790	3500.000
**	1.550000	728464.717	1043078.375	276.64979	3500.000
**	1.560000	728455.377	1043074.802	276.83168	3500.000
**	1.580000	728436.667	1043067.736	277.19546	3500.000
**	1.600000	728417.916	1043060.778	277.55925	3500.000
**	1.620000	728399.126	1043053.927	277.92303	3500.000
**	1.640000	728380.298	1043047.183	278.28681	3500.000
**	1.650000	728370.869	1043043.851	278.46870	3500.000
**	1.660000	728361.431	1043040.547	278.65059	3500.000
**	1.680000	728342.526	1043034.019	279.01438	3500.000
**	1.700000	728323.584	1043027.599	279.37816	3500.000
**	1.720000	728304.607	1043021.287	279.74194	3500.000
**	1.740000	728285.593	1043015.084	280.10573	3500.000
**	1.750000	728276.073	1043012.023	280.28762	3500.000
**	1.760000	728266.544	1043008.990	280.46951	3500.000

**	1.780000	728247.461	1043003.004	280.83329	3500.000
**	1.800000	728228.343	1042997.128	281.19707	3500.000
**	1.820000	728209.193	1042991.361	281.56086	3500.000
**	1.840000	728190.010	1042985.704	281.92464	3500.000
**	1.850000	728180.406	1042982.916	282.10653	3500.000
**	1.860000	728170.795	1042980.156	282.28842	3500.000
**	1.880000	728151.548	1042974.718	282.65220	3500.000
**	1.900000	728132.271	1042969.391	283.01599	3500.000
**	1.920000	728112.963	1042964.173	283.37977	3500.000
KP	1.929093	728104.177	1042961.838	283.54515	3500.000
**	1.940000	728093.627	1042959.067	283.74130	3580.962
**	1.950000	728083.948	1042956.554	283.91720	3658.551
**	1.960000	728074.262	1042954.067	284.08932	3739.576
**	1.980000	728054.871	1042949.172	284.42226	3912.892
**	2.000000	728035.454	1042944.376	284.74011	4103.055
**	2.020000	728016.015	1042939.674	285.04289	4312.644
**	2.040000	727996.554	1042935.062	285.33058	4544.799
**	2.050000	727986.816	1042932.789	285.46877	4670.509
**	2.060000	727977.072	1042930.537	285.60319	4803.370
**	2.080000	727957.573	1042926.092	285.86073	5093.139
**	2.100000	727938.055	1042921.724	286.10318	5420.112
**	2.120000	727918.522	1042917.428	286.33055	5791.949
**	2.140000	727898.974	1042913.200	286.54283	6218.562
**	2.150000	727889.195	1042911.109	286.64332	6456.336
**	2.160000	727879.413	1042909.034	286.74004	6713.017
**	2.180000	727859.839	1042904.927	286.92217	7292.895
**	2.200000	727840.254	1042900.873	287.08922	7982.427
**	2.220000	727820.659	1042896.869	287.24118	8815.962
**	2.240000	727801.055	1042892.908	287.37806	9843.871
**	2.250000	727791.250	1042890.944	287.44085	10453.278
**	2.260000	727781.443	1042888.988	287.49987	11143.119
**	2.280000	727761.824	1042885.103	287.60659	12837.479
**	2.300000	727742.199	1042881.249	287.69823	15139.507
**	2.320000	727722.569	1042877.420	287.77479	18447.536
**	2.340000	727702.935	1042873.613	287.83627	23605.385
**	2.350000	727693.116	1042871.716	287.86135	27441.669
**	2.360000	727683.297	1042869.822	287.88267	32766.851
**	2.380000	727663.658	1042866.044	287.91398	53550.157
**	2.400000	727644.016	1042862.273	287.93022	146423.298
PT	2.411532	727632.691	1042860.100	287.93272	.000
**	2.420000	727624.375	1042858.504	287.93272	.000
**	2.440000	727604.733	1042854.736	287.93272	.000
**	2.450000	727594.912	1042852.851	287.93272	.000
**	2.460000	727585.091	1042850.967	287.93272	.000
**	2.480000	727565.449	1042847.199	287.93272	.000
**	2.500000	727545.808	1042843.430	287.93272	.000
**	2.520000	727526.166	1042839.662	287.93272	.000
**	2.540000	727506.524	1042835.894	287.93272	.000
**	2.550000	727496.703	1042834.010	287.93272	.000
**	2.560000	727486.882	1042832.125	287.93272	.000
**	2.580000	727467.240	1042828.357	287.93272	.000
**	2.600000	727447.599	1042824.589	287.93272	.000
**	2.620000	727427.957	1042820.820	287.93272	.000
**	2.640000	727408.315	1042817.052	287.93272	.000
**	2.650000	727398.494	1042815.168	287.93272	.000
**	2.660000	727388.673	1042813.283	287.93272	.000
**	2.680000	727369.032	1042809.515	287.93272	.000
**	2.700000	727349.390	1042805.747	287.93272	.000
**	2.720000	727329.748	1042801.978	287.93272	.000
**	2.740000	727310.106	1042798.210	287.93272	.000
**	2.750000	727300.285	1042796.326	287.93272	.000
**	2.760000	727290.464	1042794.441	287.93272	.000
**	2.780000	727270.823	1042790.673	287.93272	.000
**	2.800000	727251.181	1042786.905	287.93272	.000
**	2.820000	727231.539	1042783.136	287.93272	.000
**	2.840000	727211.897	1042779.368	287.93272	.000
**	2.850000	727202.076	1042777.484	287.93272	.000
**	2.860000	727192.256	1042775.600	287.93272	.000
**	2.880000	727172.614	1042771.831	287.93272	.000
**	2.900000	727152.972	1042768.063	287.93272	.000
**	2.920000	727133.330	1042764.294	287.93272	.000
**	2.940000	727113.689	1042760.526	287.93272	.000
**	2.950000	727103.868	1042758.642	287.93272	.000
**	2.960000	727094.047	1042756.758	287.93272	.000
**	2.980000	727074.405	1042752.989	287.93272	.000
**	3.000000	727054.763	1042749.221	287.93272	.000
**	3.020000	727035.121	1042745.452	287.93272	.000
**	3.040000	727015.480	1042741.684	287.93272	.000
**	3.050000	727005.659	1042739.800	287.93272	.000
**	3.060000	726995.838	1042737.916	287.93272	.000
**	3.080000	726976.196	1042734.147	287.93272	.000
**	3.100000	726956.554	1042730.379	287.93272	.000
**	3.120000	726936.913	1042726.611	287.93272	.000
**	3.140000	726917.271	1042722.842	287.93272	.000
**	3.150000	726907.450	1042720.958	287.93272	.000
**	3.160000	726897.629	1042719.074	287.93272	.000
**	3.180000	726877.987	1042715.305	287.93272	.000
**	3.200000	726858.345	1042711.537	287.93272	.000
**	3.220000	726838.704	1042707.769	287.93272	.000
**	3.240000	726819.062	1042704.000	287.93272	.000
**	3.250000	726809.241	1042702.116	287.93272	.000
**	3.260000	726799.420	1042700.232	287.93272	.000
**	3.280000	726779.778	1042696.463	287.93272	.000
**	3.300000	726760.137	1042692.695	287.93272	.000

**	3.320000	726740.495	1042688.927	287.93272	.000
**	3.340000	726720.853	1042685.158	287.93272	.000
**	3.350000	726711.032	1042683.274	287.93272	.000
**	3.360000	726701.211	1042681.390	287.93272	.000
**	3.380000	726681.569	1042677.621	287.93272	.000
**	3.400000	726661.928	1042673.853	287.93272	.000
TP	3.405030	726656.988	1042672.905	287.93272	.000
**	3.420000	726642.286	1042670.085	287.92994	-171013.936
**	3.440000	726622.645	1042666.314	287.91752	-73206.567
**	3.450000	726612.824	1042664.427	287.90758	-56927.422
**	3.460000	726603.004	1042662.538	287.89516	-46571.246
**	3.480000	726583.366	1042658.753	287.86284	-34147.202
**	3.500000	726563.729	1042654.957	287.82058	-26956.011
**	3.520000	726544.096	1042651.146	287.76837	-22266.767
**	3.540000	726524.466	1042647.317	287.70622	-18967.243
**	3.550000	726514.652	1042645.396	287.67141	-17658.882
**	3.560000	726504.839	1042643.468	287.63412	-16519.375
**	3.580000	726485.218	1042639.596	287.55207	-14631.118
**	3.600000	726465.602	1042635.696	287.46007	-13130.256
**	3.620000	726445.992	1042631.766	287.35813	-11908.664
**	3.640000	726426.388	1042627.804	287.24624	-10895.029
**	3.650000	726416.589	1042625.809	287.18656	-10450.279
**	3.660000	726406.792	1042623.805	287.12440	-10040.415
**	3.680000	726387.204	1042619.768	286.99262	-9310.122
**	3.700000	726367.624	1042615.688	286.85088	-8678.862
**	3.720000	726348.054	1042611.564	286.69920	-8127.770
**	3.740000	726328.494	1042607.391	286.53758	-7642.486
**	3.750000	726318.719	1042605.285	286.45303	-7420.945
**	3.760000	726308.946	1042603.167	286.36600	-7211.886
**	3.780000	726289.408	1042598.889	286.18448	-6827.221
**	3.800000	726269.884	1042594.553	285.99301	-6481.512
**	3.820000	726250.373	1042590.158	285.79160	-6169.127
**	3.840000	726230.876	1042585.699	285.58024	-5885.470
**	3.850000	726221.134	1042583.445	285.47082	-5753.203
**	3.860000	726211.395	1042581.174	285.35893	-5626.750
**	3.880000	726191.930	1042576.579	285.12767	-5389.819
**	3.900000	726172.482	1042571.913	284.88647	-5172.035
PK	3.917030	726155.936	1042567.880	284.67324	-5000.004
**	3.920000	726153.052	1042567.171	284.63542	-5000.000
**	3.940000	726133.641	1042562.352	284.38077	-5000.000
**	3.950000	726123.943	1042559.914	284.25345	-5000.000
**	3.960000	726114.250	1042557.456	284.12612	-5000.000
**	3.980000	726094.879	1042552.481	283.87147	-5000.000
**	4.000000	726075.527	1042547.430	283.61683	-5000.000
**	4.020000	726056.196	1042542.301	283.36218	-5000.000
**	4.040000	726036.885	1042537.095	283.10753	-5000.000
**	4.050000	726027.238	1042534.463	282.98021	-5000.000
**	4.060000	726017.596	1042531.811	282.85288	-5000.000
**	4.080000	725998.328	1042526.451	282.59823	-5000.000
**	4.100000	725979.081	1042521.013	282.34359	-5000.000
**	4.120000	725959.856	1042515.498	282.08894	-5000.000
**	4.140000	725940.654	1042509.907	281.83429	-5000.000
**	4.150000	725931.061	1042507.083	281.70697	-5000.000
**	4.160000	725921.474	1042504.239	281.57964	-5000.000
**	4.180000	725902.317	1042498.494	281.32500	-5000.000
**	4.200000	725883.183	1042492.673	281.07035	-5000.000
**	4.220000	725864.072	1042486.775	280.81570	-5000.000
**	4.240000	725844.985	1042480.800	280.56105	-5000.000
**	4.250000	725835.451	1042477.785	280.43373	-5000.000
**	4.260000	725825.923	1042474.750	280.30640	-5000.000
**	4.280000	725806.884	1042468.623	280.05176	-5000.000
**	4.300000	725787.870	1042462.420	279.79711	-5000.000
**	4.320000	725768.882	1042456.141	279.54246	-5000.000
**	4.340000	725749.918	1042449.786	279.28781	-5000.000
**	4.350000	725740.446	1042446.581	279.16049	-5000.000
**	4.360000	725730.980	1042443.356	279.03316	-5000.000
**	4.380000	725712.068	1042436.849	278.77852	-5000.000
KP	4.390587	725702.067	1042433.375	278.64372	-5000.000
**	4.400000	725693.181	1042430.267	278.52496	-5093.650
**	4.420000	725674.321	1042423.611	278.27997	-5304.748
**	4.440000	725655.486	1042416.884	278.04493	-5534.099
**	4.450000	725646.078	1042413.495	277.93113	-5656.376
**	4.460000	725636.676	1042410.090	277.81983	-5784.179
**	4.480000	725617.889	1042403.230	277.60468	-6057.930
**	4.500000	725599.125	1042396.308	277.39947	-6358.881
**	4.520000	725580.383	1042389.327	277.20422	-6691.296
**	4.540000	725561.662	1042382.290	277.01891	-7060.383
**	4.550000	725552.309	1042378.751	276.92998	-7260.628
**	4.560000	725542.961	1042375.200	276.84355	-7472.564
**	4.580000	725524.279	1042368.060	276.67813	-7935.854
**	4.600000	725505.615	1042360.873	276.52266	-8460.389
**	4.620000	725486.968	1042353.642	276.37714	-9059.171
**	4.640000	725468.337	1042346.369	276.24157	-9749.166
**	4.650000	725459.027	1042342.719	276.17751	-10135.139
**	4.660000	725449.721	1042339.059	276.11594	-10552.934
**	4.680000	725431.119	1042331.713	276.00026	-11501.143
**	4.700000	725412.529	1042324.335	275.89453	-12636.573
**	4.720000	725393.952	1042316.927	275.79875	-14020.746
**	4.740000	725375.385	1042309.493	275.71291	-15745.457
**	4.750000	725366.105	1042305.767	275.67372	-16777.361
**	4.760000	725356.827	1042302.036	275.63702	-17954.004
**	4.780000	725338.278	1042294.558	275.57108	-20883.200
**	4.800000	725319.736	1042287.062	275.51508	-24954.532
**	4.820000	725301.200	1042279.551	275.46903	-30997.774

**	4.840000	725282.668	1042272.028	275.43293	-40903.340
**	4.850000	725273.404	1042268.263	275.41861	-48681.626
**	4.860000	725264.141	1042264.496	275.40678	-60112.840
**	4.880000	725245.616	1042256.958	275.39057	-113341.663
**	4.900000	725227.092	1042249.417	275.38431	-989725.682
PP	4.902587	725224.696	1042248.441	275.38422	.000
**	4.920000	725208.569	1042241.875	275.38799	147013.040
**	4.940000	725190.044	1042234.336	275.40162	68424.650
**	4.950000	725180.781	1042230.568	275.41217	53993.157
**	4.960000	725171.517	1042226.802	275.42521	44588.883
**	4.980000	725152.987	1042219.277	275.45873	33069.206
**	5.000000	725134.452	1042211.762	275.50221	26279.751
**	5.020000	725115.912	1042204.262	275.55563	21803.303
**	5.040000	725097.364	1042196.779	275.61900	18629.916
**	5.050000	725088.088	1042193.045	275.65442	17366.129
**	5.060000	725078.809	1042189.316	275.69232	16262.911
**	5.080000	725060.245	1042181.876	275.77558	14429.576
**	5.100000	725041.670	1042174.461	275.86880	12967.712
**	5.120000	725023.084	1042167.075	275.97196	11774.804
**	5.140000	725004.485	1042159.721	276.08506	10782.880
**	5.150000	724995.180	1042156.056	276.14534	10347.056
**	5.160000	724985.873	1042152.401	276.20812	9945.093
**	5.180000	724967.246	1042145.118	276.34112	9228.106
**	5.200000	724948.603	1042137.876	276.48406	8607.549
**	5.220000	724929.943	1042130.677	276.63696	8065.193
**	5.240000	724911.266	1042123.525	276.79980	7587.133
**	5.250000	724901.920	1042119.967	276.88495	7368.744
**	5.260000	724892.570	1042116.422	276.97259	7162.575
**	5.280000	724873.854	1042109.371	277.15533	6783.014
**	5.300000	724855.117	1042102.375	277.34801	6441.656
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**	5.340000	724817.578	1042088.561	277.76322	5852.588
**	5.350000	724808.179	1042085.147	277.87324	5721.778
**	5.360000	724798.774	1042081.749	277.98574	5596.689
**	5.380000	724779.946	1042075.004	278.21822	5362.230
**	5.400000	724761.093	1042068.330	278.46064	5146.625
**	5.420000	724742.213	1042061.729	278.71300	4947.689
**	5.440000	724723.308	1042055.204	278.97532	4763.559
**	5.450000	724713.845	1042051.971	279.11020	4676.539
**	5.460000	724704.375	1042048.758	279.24758	4592.642
PK	5.471476	724693.499	1042045.097	279.40828	4500.000
**	5.480000	724685.414	1042042.395	279.52888	4500.000
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**	5.520000	724647.409	1042029.922	280.09476	4500.000
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**	5.560000	724609.294	1042017.787	280.66064	4500.000
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**	5.600000	724571.073	1042005.992	281.22653	4500.000
**	5.620000	724551.923	1042000.222	281.50947	4500.000
**	5.640000	724532.748	1041994.537	281.79241	4500.000
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**	5.700000	724475.074	1041977.994	282.64124	4500.000
**	5.720000	724455.801	1041972.650	282.92418	4500.000
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**	5.800000	724378.477	1041952.136	284.05595	4500.000
**	5.820000	724359.090	1041947.222	284.33889	4500.000
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**	5.980000	724203.248	1041911.024	286.60243	4500.000
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**	6.040000	724144.490	1041898.881	287.45125	4500.000
**	6.050000	724134.681	1041896.934	287.59273	4500.000
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**	6.120000	724065.904	1041883.912	288.58302	4500.000
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**	6.250000	723937.671	1041862.574	290.42215	4500.000
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**	6.280000	723907.995	1041858.176	290.84656	4500.000
**	6.300000	723888.196	1041855.355	291.12950	4500.000
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**	6.360000	723828.723	1041847.418	291.97833	4500.000
**	6.380000	723808.876	1041844.948	292.26127	4500.000
**	6.400000	723789.019	1041842.567	292.54421	4500.000
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**	6.540000	723649.746	1041828.374	294.52481	4500.000
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**	6.580000	723609.879	1041825.115	295.09069	4500.000
**	6.600000	723589.935	1041823.619	295.37363	4500.000
**	6.620000	723569.984	1041822.211	295.65658	4500.000
**	6.640000	723550.028	1041820.892	295.93952	4500.000
**	6.650000	723540.048	1041820.265	296.08099	4500.000
**	6.660000	723530.066	1041819.661	296.22246	4500.000
**	6.680000	723510.098	1041818.520	296.50540	4500.000
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**	6.720000	723470.149	1041816.503	297.07129	4500.000
**	6.740000	723450.169	1041815.627	297.35423	4500.000
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**	6.820000	723370.212	1041813.014	298.48600	4500.000
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**	6.880000	723310.222	1041811.987	299.33482	4500.000
**	6.900000	723290.222	1041811.823	299.61777	4500.000
**	6.920000	723270.222	1041811.747	299.90071	4500.000
**	6.940000	723250.222	1041811.760	300.18365	4500.000
**	6.950000	723240.223	1041811.800	300.32512	4500.000
**	6.960000	723230.223	1041811.862	300.46659	4500.000
**	6.980000	723210.224	1041812.054	300.74953	4500.000
KP	6.989061	723201.163	1041812.169	300.87772	4500.000
**	7.000000	723190.227	1041812.334	301.03098	4588.222
**	7.020000	723170.230	1041812.701	301.30351	4758.804
**	7.040000	723150.235	1041813.152	301.56609	4942.559
**	7.050000	723140.239	1041813.408	301.69365	5039.863
**	7.060000	723130.242	1041813.684	301.81873	5141.075
**	7.080000	723110.252	1041814.293	302.06141	5356.205
**	7.100000	723090.263	1041814.978	302.29415	5590.126
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**	7.140000	723050.295	1041816.558	302.72979	6125.130
**	7.150000	723040.304	1041816.994	302.83248	6275.274
**	7.160000	723030.314	1041817.447	302.93269	6432.964
**	7.180000	723010.337	1041818.399	303.12564	6773.377
**	7.200000	722990.363	1041819.409	303.30864	7151.830
**	7.220000	722970.391	1041820.475	303.48170	7575.078
**	7.240000	722950.422	1041821.595	303.64481	8051.572
**	7.250000	722940.439	1041822.173	303.72263	8313.029
**	7.260000	722930.457	1041822.763	303.79797	8592.036
**	7.280000	722910.494	1041823.978	303.94118	9210.278
**	7.300000	722890.533	1041825.237	304.07445	9924.391
**	7.320000	722870.575	1041826.536	304.19777	10758.547
**	7.340000	722850.620	1041827.872	304.31114	11745.794
**	7.350000	722840.643	1041828.552	304.36410	12310.631
**	7.360000	722830.667	1041829.241	304.41457	12932.535
**	7.380000	722810.716	1041830.642	304.50805	14386.034
**	7.400000	722790.767	1041832.070	304.59158	16207.623
**	7.420000	722770.820	1041833.523	304.66516	18557.399
**	7.440000	722750.875	1041834.998	304.72880	21704.043
**	7.450000	722740.902	1041835.742	304.75689	23714.600
**	7.460000	722730.930	1041836.491	304.78249	26135.683
**	7.480000	722710.987	1041837.999	304.82624	32841.404
**	7.500000	722691.045	1041839.519	304.86003	44175.720
**	7.520000	722671.104	1041841.049	304.88388	67456.488
**	7.540000	722651.163	1041842.584	304.89778	142615.259
**	7.550000	722641.192	1041843.353	304.90100	321996.566
PP	7.557950	722633.265	1041843.964	304.90179	.000
**	7.560000	722631.222	1041844.122	304.90175	-1951598.814
**	7.580000	722611.281	1041845.660	304.89791	-181409.297
**	7.600000	722591.340	1041847.196	304.88771	-95125.821
**	7.620000	722571.399	1041848.727	304.87114	-64464.603
**	7.640000	722551.457	1041850.253	304.84821	-48751.034
**	7.650000	722541.486	1041851.012	304.83435	-43454.864
**	7.660000	722531.515	1041851.770	304.81891	-39196.654
**	7.680000	722511.572	1041853.277	304.78324	-32773.585
**	7.700000	722491.628	1041854.772	304.74121	-28159.199
**	7.720000	722471.683	1041856.253	304.69281	-24683.819
**	7.740000	722451.736	1041857.717	304.63805	-21972.050
**	7.750000	722441.763	1041858.443	304.60828	-20827.968
**	7.760000	722431.789	1041859.163	304.57691	-19797.134
**	7.780000	722411.840	1041860.590	304.50942	-18014.007
**	7.800000	722391.889	1041861.994	304.43555	-16525.551