






PRO VYTYČENÍ BUDE POUŽITA
 PLATNÁ A OVĚŘENÁ VYTYČOVACÍ SÍŤ STAVBY
 PŘESNOST VYTYČENÍ DLE ČSN 730420-1 a 730420-2
 VÝŠKOVÝ SYSTÉM Bpv

SOUŘADNICOVÝ SYSTÉM S-JTSK

Číslo změny:	Obsah změny:	Datum změny:
01	ZAPRACOVÁNÍ PŘIPOMÍNEK	01/2015
02	ÚPRAVA ŘEŠENÍ	04/2015
03	-	-

Objednatel:	Správa železniční dopravní cesty, státní organizace Dlážděná 1003/7, 110 00 Praha 1
	SŽDC, s.o., Oblastní ředitelství Ústí nad Labem, Železničářská 1386/31, 400 03 Ústí nad Labem

Generální projektant:	SUDOP PRAHA a.s. Olšanská 1a, 130 80 Praha 3 tel.: +420 267 094 111 fax: +420 224 230 316 e-mail: praha@sudop.cz	Hlavní inženýr projektu: ING. MILOŠ KRAMEŠ
		Garant profese: ING. TOMÁŠ BABICA

Středisko: ŽELEZNIČNÍCH TRATÍ A UZLŮ			
Vedoucí střediska:	Odpovědný projektant SO, IO, PS:	Vypracoval:	Kontroloval:
ING. JIŘÍ SYROVÝ 	ING. TOMÁŠ BABICA 	ING. TOMÁŠ BABICA 	ING. JITKA DOUBKOVÁ 

Název akce: TRAŤ Č. 504A ÚSTÍ N. L. – CHOMUTOV, ÚSEK MOST – CHOMUTOV	Číslo smlouvy: 14 394 201	
	Projektový stupeň: PROJEKT	
Část: ŽELEZNIČNÍ SVRŠEK A SPODEK SO 10-04 Třebušice - Kyjice, žel. svršek	Datum: 01/2015	
	Číslo části: E.1.1.4	
Název přílohy: SEZNAM SOUŘADNIC	Měřítko:	Počet formátů: 13x A4
	Číslo přílohy: 7	

SO 10-04 Třebušice - Kyjice, železniční svršek
Seznam vytyčovaných bodů

bod č.	y	x	z	popis
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zajišťovací body příčných řezů vlevo

1	795627.810	986681.127	237.905	P1
2	795674.420	986698.863	238.320	P2
3	795720.571	986716.970	238.735	P3
4	795766.569	986735.737	239.150	P4
5	795812.777	986754.837	239.565	P5
6	795859.366	986773.847	239.983	P6
7	795906.309	986792.268	240.485	P7
8	795953.511	986810.017	240.992	P8
9	796000.885	986827.086	241.499	P9
10	796048.045	986843.766	242.006	P10
11	796095.185	986860.435	242.513	P11
12	796142.325	986877.104	243.019	P12
13	796189.464	986893.773	243.526	P13
14	796236.604	986910.442	244.019	P14
15	796283.743	986927.111	244.480	P15
16	796330.883	986943.781	244.942	P16
17	796378.023	986960.450	245.404	P17
18	796425.162	986977.119	245.841	P18
19	796472.302	986993.788	246.251	P19
20	796519.441	987010.457	246.661	P20
21	796566.593	987027.129	247.071	P21
22	796614.367	987043.632	247.480	P22
23	796663.402	987058.855	247.890	P23
24	796713.712	987071.452	248.326	P24
25	796764.723	987080.872	248.782	P25
26	796816.224	987087.077	249.238	P26
27	796868.013	987090.040	249.695	P27
28	796919.731	987089.810	250.151	P28
29	796970.642	987087.251	250.608	P29
30	797020.727	987083.763	251.064	P30
31	797070.600	987080.206	251.521	P31
32	797120.473	987076.649	251.977	P32
33	797170.347	987073.092	252.433	P33
34	797220.220	987069.536	252.890	P34
35	797270.093	987065.979	253.346	P35
36	797319.967	987062.422	253.802	P36
37	797369.827	987058.875	254.231	P37
38	797419.702	987055.342	254.658	P39
39	797469.577	987051.809	255.085	P40
40	797519.452	987048.275	255.513	P41
41	797569.327	987044.742	255.940	P42
42	797619.202	987041.209	256.368	P43
43	797669.077	987037.676	256.795	P44
44	797718.952	987034.143	257.222	P45

45	797768.827	987030.610	257.650
46	797818.702	987027.076	258.077
47	797868.577	987023.543	258.504
48	797918.452	987020.010	258.932
49	797968.327	987016.477	259.359
50	798018.202	987012.944	259.787
51	798068.072	987009.414	260.214
52	798117.948	987005.889	260.633
53	798167.823	987002.364	261.044
54	798217.699	986998.839	261.455
55	798267.574	986995.314	261.866
56	798317.450	986991.789	262.278
57	798367.326	986988.264	262.689
58	798417.201	986984.739	263.100
59	798467.077	986981.214	263.511
60	798517.042	986977.657	263.922
61	798567.161	986973.732	264.305
62	798617.242	986969.352	264.668
63	798667.041	986964.749	265.030
64	798716.829	986960.147	265.393
65	798766.543	986955.570	265.756
66	798816.090	986951.343	266.118
67	798865.739	986947.549	266.481
68	798915.563	986943.879	266.843
69	798964.820	986940.732	267.206
70	799013.532	986939.244	267.568
71	799062.213	986939.876	267.898
72	799110.819	986942.634	268.163
73	799159.259	986947.514	268.427
74	799207.440	986954.505	268.728
75	799255.428	986963.575	269.046
76	799303.864	986974.101	269.364
77	799352.668	986984.966	269.681
78	799401.473	986995.832	270.007
79	799450.278	987006.697	270.478
80	799499.083	987017.563	270.977
81	799547.888	987028.428	271.475
82	799596.694	987039.294	271.974
83	799645.499	987050.159	272.473
84	799694.304	987061.025	272.971
85	799743.109	987071.891	273.470
86	799791.914	987082.756	273.969
87	799840.767	987093.623	274.444
88	799890.337	987104.111	274.865
89	799940.839	987113.007	275.285
90	799991.727	987119.676	275.706
91	800042.861	987124.087	276.126
92	800094.139	987126.231	276.546
93	800145.462	987126.106	276.954
94	800196.445	987123.869	277.350

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95	800246.603	987120.580	277.747
96	800296.487	987117.187	278.143
97	800346.372	987113.794	278.544
98	800396.257	987110.402	279.008
99	800446.142	987107.009	279.472
100	800496.026	987103.617	279.937
101	800545.911	987100.224	280.402
102	800595.796	987096.832	280.947
103	800645.681	987093.439	281.503
104	800695.566	987090.047	282.059
105	800745.450	987086.654	282.608
106	800795.335	987083.262	283.112
107	800845.220	987079.869	283.617
108	800895.105	987076.476	284.121
109	800944.989	987073.084	284.625
110	800994.874	987069.691	285.130
111	801044.759	987066.299	285.634
112	801094.644	987062.906	286.139
113	801144.529	987059.514	286.643
114	801194.413	987056.121	287.148
115	801244.235	987052.752	287.650
116	801293.777	987049.778	288.049
117	801343.453	987047.395	288.432
118	801393.401	987045.171	288.815
119	801443.425	987042.921	289.198
120	801493.729	987040.254	289.581
121	801543.881	987036.996	289.964

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zajišťovací body příčných řezů vpravo

122	795650.865	986620.353	237.905
123	795697.736	986638.189	238.320
124	795744.742	986656.631	238.735
125	795791.383	986675.660	239.150
126	795837.592	986694.760	239.565
127	795883.542	986713.510	239.983
128	795929.621	986731.592	240.485
129	795975.953	986749.014	240.992
130	796022.603	986765.821	241.499
131	796069.715	986782.485	242.006
132	796116.855	986799.154	242.513
133	796163.994	986815.823	243.019
134	796211.134	986832.492	243.526
135	796258.273	986849.161	244.019
136	796305.413	986865.830	244.480
137	796352.553	986882.499	244.942
138	796399.692	986899.168	245.404
139	796446.832	986915.837	245.841
140	796493.972	986932.506	246.251
141	796541.111	986949.175	246.661
142	796588.237	986965.838	247.071

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143	796634.895	986981.958	247.480
144	796681.139	986996.322	247.890
145	796727.516	987007.934	248.326
146	796774.517	987016.615	248.782
147	796821.971	987022.331	249.238
148	796869.689	987025.062	249.695
149	796917.669	987024.843	250.151
150	796966.464	987022.386	250.608
151	797016.103	987018.927	251.064
152	797065.976	987015.371	251.521
153	797115.850	987011.814	251.977
154	797165.723	987008.257	252.433
155	797215.596	987004.700	252.890
156	797265.470	987001.144	253.346
157	797315.343	986997.587	253.802
158	797365.233	986994.037	254.231
159	797415.108	986990.504	254.658
160	797464.983	986986.971	255.085
161	797514.858	986983.438	255.513
162	797564.733	986979.905	255.940
163	797614.608	986976.372	256.368
164	797664.483	986972.838	256.795
165	797714.358	986969.305	257.222
166	797764.234	986965.772	257.650
167	797814.109	986962.239	258.077
168	797863.984	986958.706	258.504
169	797913.859	986955.173	258.932
170	797963.734	986951.639	259.359
171	798013.609	986948.106	259.787
172	798063.489	986944.576	260.214
173	798113.365	986941.051	260.633
174	798163.241	986937.526	261.044
175	798213.116	986934.001	261.455
176	798262.992	986930.475	261.866
177	798312.867	986926.950	262.278
178	798362.743	986923.425	262.689
179	798412.619	986919.900	263.100
180	798462.494	986916.375	263.511
181	798512.262	986912.833	263.922
182	798561.792	986908.954	264.305
183	798611.284	986904.625	264.668
184	798661.059	986900.025	265.030
185	798710.847	986895.423	265.393
186	798760.724	986890.831	265.756
187	798810.860	986886.554	266.118
188	798860.955	986882.725	266.481
189	798910.867	986879.049	266.843
190	798961.512	986875.816	267.206
191	799012.956	986874.246	267.568
192	799064.477	986874.915	267.898

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193	799115.920	986877.835	268.163
194	799167.186	986882.999	268.427
195	799218.177	986890.399	268.728
196	799268.633	986899.930	269.046
197	799317.987	986910.653	269.364
198	799366.793	986921.519	269.681
199	799415.598	986932.385	270.007
200	799464.404	986943.250	270.478
201	799513.209	986954.116	270.977
202	799562.014	986964.982	271.475
203	799610.819	986975.847	271.974
204	799659.624	986986.713	272.473
205	799708.429	986997.578	272.971
206	799757.234	987008.444	273.470
207	799806.039	987019.309	273.969
208	799854.793	987030.154	274.444
209	799902.945	987040.346	274.865
210	799950.708	987048.761	275.285
211	799998.745	987055.056	275.706
212	800047.013	987059.219	276.126
213	800095.418	987061.244	276.546
214	800143.865	987061.125	276.954
215	800192.608	987058.982	277.350
216	800242.192	987055.729	277.747
217	800292.077	987052.337	278.143
218	800341.962	987048.944	278.544
219	800391.847	987045.552	279.008
220	800441.731	987042.159	279.472
221	800491.616	987038.767	279.937
222	800541.501	987035.374	280.402
223	800591.386	987031.982	280.947
224	800641.270	987028.589	281.503
225	800691.155	987025.196	282.059
226	800741.040	987021.804	282.608
227	800790.925	987018.411	283.112
228	800840.810	987015.019	283.617
229	800890.694	987011.626	284.121
230	800940.579	987008.234	284.625
231	800990.464	987004.841	285.130
232	801040.349	987001.449	285.634
233	801090.233	986998.056	286.139
234	801140.118	986994.663	286.643
235	801190.003	986991.271	287.148
236	801239.964	986987.892	287.650
237	801290.303	986984.871	288.049
238	801340.556	986982.459	288.432
239	801390.510	986980.235	288.815
240	801440.373	986977.992	289.198
241	801489.865	986975.369	289.581
242	801539.459	986972.147	289.964

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hlavní směrové body koleje č.1

243	795652.018	986658.224	238.025
244	795691.257	986673.200	238.374
245	795747.852	986695.628	238.879
246	795786.699	986711.595	239.227
247	795815.780	986723.617	239.489
248	795854.626	986739.584	239.837
249	795985.682	986789.805	241.227
250	796025.251	986803.886	241.653
251	796568.251	986995.896	246.998
252	796679.452	987032.183	247.957
253	796887.579	987060.313	249.866
254	797004.424	987054.849	250.934
255	797332.214	987031.473	253.926
256	797367.527	987028.963	254.229
257	798030.598	986981.990	259.911
258	798065.744	986979.503	260.212
259	798498.130	986948.944	263.784
260	798616.588	986939.285	264.683
261	798750.027	986926.951	265.655
262	798851.409	986918.525	266.392
263	798897.303	986915.138	266.726
264	798981.140	986909.981	267.335
265	799230.860	986928.166	268.848
266	799313.065	986945.415	269.381
267	799830.351	987060.579	274.293
268	799912.558	987077.815	275.005
269	800151.689	987095.922	277.009
270	800235.554	987091.262	277.675
271	801215.841	987024.595	287.385
272	801258.946	987021.745	287.794
273	801304.668	987019.173	288.145
274	801347.821	987017.170	288.476
275	801413.487	987014.247	288.979
276	801456.641	987012.245	289.310
277	801503.261	987009.616	289.668
278	801546.367	987006.757	289.999

ZP
ZO R=3500m
KO R=3500m
KP
ZP
ZO R=3500m
KO R=3500m
KP
ZP
ZO R=797m
KO R=797m
KP
ZO R=75 000m
KO R=75 000m
ZO R=215 000m
KO R=215 000m
ZO R=5 500m
KO R=5 500m
ZO R=5 500m
KO R=5 500m
ZP
ZO R=1 144m
KO R=1 144m
KP
ZP
ZO R=1 130m
KO R=1 130m
KP
ZP
ZO R=3 800m
KO R=3 800m
KP
ZP
ZO R=3 800m
KO R=3 800m
KP

hlavní směrové body koleje č.2

279	795698.892	986669.276	238.420
280	795796.040	986710.257	239.295
281	795834.771	986726.504	239.643
282	795990.115	986786.648	241.280
283	796029.687	986800.717	241.706
284	796569.056	986991.264	246.870
285	796682.197	987028.047	247.662
286	796882.922	987055.192	249.605
287	797001.768	987049.783	250.766
288	798510.815	986942.840	263.888

KO R=4 790
ZP
ZO R=3 500m
KO R=3 500m
KP
ZP
ZO R=785m
KO R=785m
KP
ZO R=4 600m

289	798628.495	986932.980	264.756
290	798668.705	986929.091	265.020
291	798796.827	986918.266	265.979
292	798899.236	986910.863	266.701
293	798983.080	986905.829	267.305
294	799232.330	986924.180	268.893
295	799314.533	986941.439	269.417
296	799829.823	987056.206	274.279
297	799912.028	987073.453	274.956
298	800152.457	987091.669	276.904
299	800236.322	987087.004	277.591
300	801215.478	987020.412	287.399
301	801258.883	987017.543	287.794
302	801305.115	987014.946	288.141
303	801348.569	987012.937	288.468
304	801378.445	987011.613	288.692
305	801421.899	987009.604	289.019
306	801470.176	987006.879	289.382
307	801513.579	987003.986	289.708

KO R=4 600m
ZO R=5 300m
KO R=5 300m
ZP
ZO R=1 148m
KO R=1 148m
KP
ZP
ZO R=1 134.2m
KO R=1 134.2m
KP
ZP
ZO R=3 804m
KO R=3 804m
KP
ZP
ZO R=3 800m
KO R=3 800m
KP

skloníky kol. č.1

308	795597.274	986637.456	237.539
309	795871.157	986746.253	239.985
310	796231.562	986876.839	243.871
311	796413.191	986941.065	245.650
312	796693.438	987035.864	248.076
313	797318.888	987032.423	253.812
314	798090.436	986977.758	260.424
315	798536.095	986946.129	264.098
316	799046.491	986909.433	267.809
317	799178.322	986919.737	268.510
318	799413.194	986967.707	270.033
319	799832.790	987061.122	274.320
320	800117.695	987096.456	276.740
321	800341.259	987084.073	278.515
322	800549.205	987069.931	280.451
323	800736.601	987057.187	282.539
324	801247.836	987022.452	287.708

skloníky kol. č.2

325	795593.764	986626.390	237.477
326	795860.094	986736.892	239.871
327	796278.548	986888.634	244.378
328	796485.722	986961.824	246.282
329	796693.377	987030.978	247.738
330	797291.891	987029.222	253.602
331	798073.647	986973.821	260.205
332	798444.958	986947.507	263.422
333	799011.299	986905.172	267.508
334	799409.648	986962.623	270.024

335	799794.854	987048.418	273.990
336	800224.550	987087.802	277.486
337	800511.842	987068.266	280.070
338	800754.394	987051.770	282.767
339	801242.402	987018.600	287.670

body kolejí v příčných řezech

340	795638.451	986653.077	237.905
341	795641.347	986645.444	237.902
342	795685.182	986670.860	238.320
343	795687.611	986664.537	238.318
344	795731.727	986689.121	238.735
345	795733.781	986683.994	238.734
346	795778.022	986708.009	239.150
347	795779.905	986703.451	239.149
348	795824.230	986727.109	239.565
349	795825.991	986722.847	239.564
350	795870.524	986745.999	239.983
351	795872.215	986741.779	240.003
352	795917.068	986764.264	240.485
353	795918.689	986760.046	240.509
354	795963.869	986781.862	240.992
355	795965.419	986777.648	241.014
356	796010.908	986798.810	241.499
357	796012.400	986794.601	241.520
358	796058.047	986815.483	242.006
359	796059.539	986811.263	242.026
360	796105.186	986832.152	242.513
361	796106.683	986827.918	242.533
362	796152.326	986848.821	243.019
363	796153.828	986844.573	243.039
364	796199.466	986865.490	243.526
365	796200.972	986861.228	243.545
366	796246.605	986882.159	244.019
367	796248.117	986877.883	244.051
368	796293.745	986898.828	244.480
369	796295.261	986894.539	244.532
370	796340.884	986915.497	244.942
371	796342.406	986911.194	244.965
372	796388.024	986932.166	245.404
373	796389.551	986927.849	245.398
374	796435.164	986948.835	245.841
375	796436.695	986944.504	245.832
376	796482.303	986965.504	246.251
377	796483.840	986961.159	246.260
378	796529.443	986982.173	246.661
379	796530.984	986977.814	246.601
380	796576.583	986998.841	247.071
381	796578.128	986994.466	246.934
382	796623.842	987015.167	247.480

383	796625.318	987010.733	247.265
384	796671.588	987029.993	247.890
385	796672.872	987025.466	247.596
386	796720.083	987042.136	248.326
387	796721.092	987037.492	248.015
388	796769.244	987051.215	248.782
389	796769.971	987046.444	248.500
390	796818.876	987057.194	249.238
391	796819.312	987052.285	248.984
392	796868.787	987060.050	249.695
393	796868.917	987054.993	249.469
394	796918.779	987059.825	250.151
395	796918.614	987054.639	249.953
396	796968.714	987057.313	250.608
397	796968.377	987052.079	250.439
398	797018.593	987053.839	251.064
399	797018.220	987048.617	250.927
400	797068.466	987050.282	251.521
401	797068.095	987045.082	251.414
402	797118.339	987046.725	251.977
403	797117.970	987041.548	251.902
404	797168.213	987043.168	252.433
405	797167.845	987038.013	252.389
406	797218.086	987039.612	252.890
407	797217.720	987034.479	252.877
408	797267.959	987036.055	253.346
409	797267.595	987030.944	253.364
410	797317.833	987032.498	253.802
411	797317.470	987027.410	253.818
412	797367.707	987028.950	254.231
413	797367.347	987023.875	254.239
414	797417.582	987025.417	254.658
415	797417.222	987020.340	254.660
416	797467.457	987021.884	255.085
417	797467.097	987016.806	255.082
418	797517.332	987018.350	255.513
419	797516.972	987013.271	255.503
420	797567.207	987014.817	255.940
421	797566.847	987009.737	255.924
422	797617.082	987011.284	256.368
423	797616.722	987006.202	256.346
424	797666.957	987007.751	256.795
425	797666.597	987002.668	256.767
426	797716.832	987004.218	257.222
427	797716.472	986999.133	257.188
428	797766.707	987000.685	257.650
429	797766.346	986995.599	257.609
430	797816.582	986997.151	258.077
431	797816.221	986992.064	258.031
432	797866.457	986993.618	258.504

433	797866.096	986988.530	258.452
434	797916.332	986990.085	258.932
435	797915.971	986984.995	258.873
436	797966.207	986986.552	259.359
437	797965.846	986981.461	259.295
438	798016.082	986983.019	259.787
439	798015.721	986977.926	259.716
440	798065.957	986979.488	260.214
441	798065.597	986974.391	260.137
442	798115.833	986975.963	260.633
443	798115.472	986970.857	260.568
444	798165.708	986972.438	261.044
445	798165.347	986967.322	261.000
446	798215.584	986968.913	261.455
447	798215.222	986963.788	261.432
448	798265.459	986965.388	261.866
449	798265.096	986960.253	261.864
450	798315.335	986961.863	262.278
451	798314.971	986956.719	262.296
452	798365.211	986958.338	262.689
453	798364.846	986953.184	262.728
454	798415.086	986954.813	263.100
455	798414.721	986949.650	263.160
456	798464.962	986951.288	263.511
457	798464.596	986946.115	263.564
458	798514.835	986947.738	263.922
459	798514.455	986942.580	263.923
460	798564.683	986943.834	264.305
461	798564.260	986938.739	264.283
462	798614.492	986939.478	264.668
463	798614.021	986934.357	264.642
464	798664.280	986934.877	265.030
465	798663.789	986929.567	265.002
466	798714.068	986930.275	265.393
467	798713.575	986924.944	265.361
468	798763.857	986925.690	265.756
469	798763.417	986920.787	265.721
470	798813.676	986921.440	266.118
471	798813.324	986917.073	266.081
472	798863.531	986917.630	266.481
473	798863.223	986913.466	266.441
474	798913.396	986913.957	266.843
475	798913.099	986909.867	266.800
476	798963.293	986910.771	267.206
477	798963.086	986906.707	267.161
478	799013.266	986909.245	267.568
479	799013.230	986905.155	267.519
480	799063.258	986909.894	267.898
481	799063.401	986905.785	267.833
482	799113.173	986912.727	268.163

483	799113.498	986908.606	268.145
484	799162.918	986917.738	268.427
485	799163.424	986913.614	268.458
486	799212.395	986924.918	268.728
487	799213.085	986920.799	268.771
488	799261.523	986934.201	269.046
489	799262.374	986930.098	269.084
490	799310.382	986944.817	269.364
491	799311.295	986940.718	269.396
492	799359.187	986955.683	269.681
493	799360.099	986951.588	269.708
494	799407.992	986966.548	270.007
495	799408.903	986962.457	270.037
496	799456.798	986977.414	270.478
497	799457.707	986973.327	270.519
498	799505.603	986988.280	270.977
499	799506.512	986984.197	271.022
500	799554.408	986999.145	271.475
501	799555.316	986995.067	271.524
502	799603.213	987010.011	271.974
503	799604.120	987005.937	272.027
504	799652.018	987020.876	272.473
505	799652.924	987016.806	272.529
506	799700.823	987031.742	272.971
507	799701.728	987027.676	273.032
508	799749.628	987042.607	273.470
509	799750.532	987038.546	273.534
510	799798.433	987053.473	273.969
511	799799.337	987049.416	274.025
512	799847.241	987064.330	274.444
513	799848.137	987060.271	274.430
514	799896.156	987074.681	274.865
515	799896.969	987070.572	274.833
516	799945.394	987083.355	275.285
517	799946.035	987079.180	275.234
518	799994.966	987089.851	275.706
519	799995.425	987085.624	275.636
520	800044.777	987094.148	276.126
521	800045.049	987089.894	276.037
522	800094.729	987096.237	276.546
523	800094.813	987091.981	276.439
524	800144.725	987096.115	276.954
525	800144.621	987091.881	276.840
526	800194.674	987093.921	277.350
527	800194.426	987089.720	277.242
528	800244.567	987090.649	277.747
529	800244.282	987086.463	277.663
530	800294.452	987087.256	278.143
531	800294.167	987083.070	278.112
532	800344.337	987083.864	278.544

533	800344.052	987079.677	278.561
534	800394.221	987080.471	279.008
535	800393.937	987076.285	279.009
536	800444.106	987077.079	279.472
537	800443.821	987072.892	279.458
538	800493.991	987073.686	279.937
539	800493.706	987069.499	279.907
540	800543.876	987070.293	280.402
541	800543.591	987066.107	280.423
542	800593.761	987066.901	280.947
543	800593.476	987062.714	280.978
544	800643.645	987063.508	281.503
545	800643.361	987059.321	281.532
546	800693.530	987060.116	282.059
547	800693.245	987055.929	282.087
548	800743.415	987056.723	282.608
549	800743.130	987052.536	282.642
550	800793.300	987053.331	283.112
551	800793.015	987049.143	283.155
552	800843.184	987049.938	283.617
553	800842.900	987045.751	283.656
554	800893.069	987046.546	284.121
555	800892.784	987042.358	284.157
556	800942.954	987043.153	284.625
557	800942.669	987038.966	284.658
558	800992.839	987039.760	285.130
559	800992.554	987035.573	285.160
560	801042.723	987036.368	285.634
561	801042.439	987032.180	285.661
562	801092.608	987032.975	286.139
563	801092.323	987028.788	286.162
564	801142.493	987029.583	286.643
565	801142.208	987025.395	286.663
566	801192.378	987026.190	287.148
567	801192.093	987022.002	287.164
568	801242.264	987022.817	287.650
569	801241.988	987018.629	287.657
570	801292.174	987019.821	288.049
571	801291.949	987015.631	288.042
572	801342.116	987017.424	288.432
573	801341.929	987013.232	288.418
574	801392.067	987015.201	288.815
575	801391.880	987011.014	288.793
576	801442.016	987012.954	289.198
577	801441.809	987008.552	289.168
578	801491.946	987010.307	289.581
579	801491.658	987005.477	289.543
580	801541.840	987007.066	289.964
581	801541.500	987002.071	289.918