

## N.1.5.4.2 SEZNAM SOUŘADNIC VYTÝČOVANÝCH BODŮ

**Stavba:** Oprava trati v úseku Krásná Studánka – Mníšek u Liberce

Souřadnicový systém: S-JTSK

Výškový systém: Bpv

**PS 01-11 ŽST Mníšek u Liberce, staniční zabezpečovací zařízení**

**PS 01-31 Liberec – Mníšek u L., přejezdová zabezpečovací zařízení**

č.b.	Y[m]	X[m]			
501	687720.865	967656.546	562	687448.321	967490.154
502	687460.735	967492.853	563	687461.656	967487.645
503	687447.634	967484.619	564	687460.072	967486.648
504	687038.597	967227.230	566	687526.340	967531.054
505	686997.530	967201.569	567	687610.918	967584.342
506	687017.232	967219.874	568	687695.667	967637.561
507	687030.346	967216.557	570	687710.374	967641.112
508	687028.565	967228.943	571	687707.619	967644.909
509	687025.772	967226.986	572	687723.184	967652.653
510	687024.337	967229.033	573	687708.794	967643.593
511	687027.130	967230.990	574	686741.083	967029.604
512	686886.310	967131.491	575	686779.128	967053.661
513	686819.569	967093.330	576	686782.132	967055.668
514	686998.968	967199.369	577	687712.879	967646.438
515	686884.975	967133.310	578	687708.807	967653.830
516	686818.069	967085.621	579	687628.462	967602.233
517	686816.886	967087.875	580	687631.591	967597.542
518	686787.819	967062.500	583	686544.189	966878.970
519	686789.043	967060.349	584	686549.294	966881.915
520	686787.606	967056.248	586	686047.190	966593.438
521	686783.847	967054.722	587	685953.958	966535.840
522	686749.855	967038.618	588	686539.574	966899.908
523	686742.951	967034.275	589	686557.168	966911.066
526	686710.146	967008.477	592	686331.021	966770.702
527	686707.576	967006.296	594	686321.404	966784.163
528	686572.139	966923.340	595	686319.088	966782.585
529	686570.876	966925.171	596	686324.968	966779.215
530	686552.418	966907.698	597	686329.308	966782.268
531	686551.289	966909.743	598	686272.268	966736.786
532	686380.177	966805.593	599	686252.846	966725.047
533	686381.428	966803.383	600	686336.260	966773.919
534	686377.299	966795.835	601	686336.950	966772.700
535	686374.248	966794.299	602	686781.914	967056.253
536	686337.210	966772.537	603	686788.734	967060.494
537	686333.611	966774.743	605	686317.745	966784.410
538	686330.957	966779.946	607	686249.737	966729.787
539	686329.569	966781.846	609	686321.144	966784.659
540	686323.966	966762.986	611	685997.604	966562.814
541	686311.196	966772.389	612	686547.209	966885.137
542	686255.597	966726.989	613	686549.009	966886.243
543	685994.133	966568.061	615	686749.424	967034.964
544	685952.567	966538.656	616	686750.632	967033.047
545	685953.936	966536.519	617	686748.810	967031.854
546	685361.103	966163.657	618	685452.467	966220.073
548	686576.671	966917.467	619	685361.504	966163.221
549	686574.179	966921.705	621	687027.051	967227.111
550	686670.262	966981.949	622	687028.844	967224.521
551	686703.433	967006.015	624	687018.112	967217.356
552	686703.864	967006.264	625	687016.381	967220.104
553	687029.931	967218.943	626	687026.826	967223.125
554	687103.276	967264.834	627	687036.460	967229.529
555	687187.946	967318.203	628	686845.485	967111.886
556	687272.531	967371.321	629	686879.285	967134.667
557	687357.429	967424.804	630	686951.271	967177.422
558	687441.881	967477.831	632	686998.777	967199.312
559	687460.533	967489.556	633	686994.417	967205.908
560	687462.268	967486.839	634	686819.246	967094.450
561	687451.805	967484.166	635	687031.155	967217.090

638 686814.706 967091.305  
 639 686817.990 967086.064  
 640 686775.261 967065.742  
 641 686569.471 966927.500  
 642 686570.417 966926.288  
 643 686533.845 966905.599

644 686540.904 966894.819  
 646 686328.377 966774.600  
 647 686378.825 966808.385  
 648 686380.467 966805.888  
 649 686369.419 966801.754  
 650 686373.321 966795.775

**PS 02-11 ŽST Mníšek u Liberce , místní kabelizace**

**PS 02-12 ŽST Mníšek u Liberce , místní kabelizace**

**PS 02-51 Liberec – Mníšek u Liberce, TK**

**PS 02-52 ŽST Mníšek u Liberce, TK**

č.b.	Y[m]	X[m]	popis
900	686549.537	966898.067	střed kabelové šachty před VB
901	686548.531	966899.649	odbočka z hl. kabelové trasy do Š1
902	686750.622	967033.063	odbočka z hl. kabelové trasy k VTO u EZVkl/2t
903	686752.665	967034.350	VTO u EZVkl/2t
904	687028.844	967224.521	kabelová šachta u RD P2828
905	687053.517	967233.725	kabel. šachta pro budoucí výpich z optiky v rámci ETCS
906	687460.533	967489.556	kabelová šachta u RD P2827
907	687708.787	967643.604	kabelová šachta u RD P2826
908	686556.535	966918.573	střed betonové patky kamerového stožáru
909	686555.266	966917.774	střed zemního rozvaděče R1
910	686554.818	966918.493	odbočka z hl. kabelové trasy do R1
911	686533.681	966904.195	střed betonové patky stožáru informačního zařízení
912	686532.412	966903.397	střed zemního rozvaděče R2
913	686531.825	966904.332	odbočka z hl. kabelové trasy do R2
914	686508.006	966888.042	stožáru OS15 s reproduktorem
915	686507.405	966889.019	odbočka z hl. kabelové trasy k OS15
916	686493.052	966878.636	střed betonové patky kamerového stožáru
917	686491.783	966877.837	střed zemního rozvaděče R3
918	686491.159	966878.831	odbočka z hl. kabelové trasy do R3
919	686476.845	966868.446	stožáru OS16 s reproduktorem
920	686476.212	966869.457	odbočka z hl. kabelové trasy k OS16
921	686328.377	966774.600	Kabelová šachta u RD P2829
922	686331.848	966769.397	VTO u EZVkl5/4t
923	686331.021	966770.702	odbočka z hl. kabelové trasy k VTO u EZVkl5/4t
924	686249.737	966729.787	kabelová šachta za výhybkou č. 5
925	685941.726	966527.518	VTO u návěstidla „S“
926	685941.406	966528.022	odbočka z kabelové trasy k VTO u návěstidla „S“

**SO 10-01 Liberec – Mníšek u L., železniční svršek**

č.b.	Y[m]	X[m]	h[m]	popis
101	688527.896338	968164.262151	405.401	KP=PB_SVÚ
102	688506.306635	968150.680189	405.103	ZZO
103	688505.391512	968150.104491	405.090	LN
104	688504.476390	968149.528792	405.077	KZO
105	688502.852201	968148.507025	405.054	Zač._SO_10 01
106	688172.353301	967940.592011	400.322	ZZO
107	688126.187719	967911.549502	399.826	LN
108	688080.022137	967882.506992	399.660	KZO
109	687791.045205	967700.713218	399.660	ZZO
110	687753.755422	967677.254423	399.553	LN
111	687716.465638	967653.795628	399.229	KZO
112	687250.510512	967360.665860	393.840	ZZO
113	687178.178235	967315.162028	393.409	LN
114	687105.845958	967269.658196	393.789	KZO
115	687010.901115	967209.928926	394.821	ZZO
116	687008.890827	967208.664265	394.843	LN
117	687006.880539	967207.399604	394.863	KZO
118	686889.629605	967133.637696	396.006	Konec_SO_10 01

**SO 10-02 ŽST Mníšek u Liberce, železniční svršek**

č.b.	Y[m]	X[m]	h[m]	popis
119	686889.629605	967133.637696	396.006	Zač._SO_10 02_a_SO_11 02
120	686885.397420	967130.975252	396.047	ZV1
121	686867.793824	967119.900928	0.000	BO1
122	686850.211787	967106.682001	396.400	KV1
123	686849.174748	967108.187771	396.400	KV1
124	686823.203930	967091.849674	396.653	ZZO
125	686818.442493	967088.854282	396.696	LN
126	686813.681057	967085.858889	396.733	KZO
127	686714.330327	967023.357899	397.438	ZZO
128	686691.476937	967008.980959	397.559	LN

129	686668.623548	966994.604019	397.600	KZO
130	686455.744222	966860.682824	397.600	ZZO
131	686454.474567	966859.884091	397.599	LN
132	686453.204911	966859.085358	397.599	KZO
133	686393.756708	966821.686825	397.556	ZO
134	686363.313917	966802.535435	0.000	VB
135	686333.823975	966781.947026	397.513	KO
136	686315.162623	966768.918599	397.500	ZZO
137	686313.325380	966767.635927	397.499	ZO1
138	686303.995592	966761.174692	397.510	LN
139	686300.870666	966758.940666	0.000	VB1
140	686292.759809	966753.530889	397.557	KZO
141	686289.142495	966749.023611	397.584	KV5
143	686288.242420	966750.499407	397.584	KV5 = KO1
144	686270.952215	966738.941896	0.000	BO5
145	686253.348232	966727.868188	397.785	ZV5
146	686247.927859	966724.458526	397.816	ZZO
147	686236.945276	966717.549980	397.895	LN
148	686225.962693	966710.641435	398.008	KZO
149	686114.383912	966640.453295	399.330	Konec_SO_10 02_a_SO_11 02
150	686072.060834	966613.830149	399.831	PB_SVŮ
164	686826.668406	967088.981081	396.643	ZO
165	686825.683544	967088.242515	396.653	ZZO
166	686821.143853	967084.886644	396.696	LN
167	686816.566561	967081.582242	396.733	KZO
168	686810.045290	967076.483111	0.000	VB
169	686792.441694	967065.408787	396.907	KO
170	686767.779954	967049.894224	397.082	KV2
171	686768.573817	967048.424563	397.082	KV2 = KO
172	686757.105651	967043.179080	0.000	BO2
173	686746.431347	967036.463935	397.233	ZV2 = ZV3
175	686735.757044	967029.748790	0.000	BO3
176	686726.063875	967021.681796	397.384	KV3
177	686725.082740	967023.033645	397.384	KV3
178	686717.494223	967018.259751	397.438	ZZO
179	686694.671567	967003.902146	397.559	LN
180	686671.848912	966989.544541	397.600	KZO
181	686623.899573	966959.379880	397.600	ZO
182	686609.454391	966950.292496	0.000	VB
183	686595.662440	966940.241331	397.600	KO
184	686583.540042	966931.406885	397.600	ZO
185	686569.748091	966921.355719	0.000	VB
186	686555.302909	966912.268335	397.600	KO
187	686460.723440	966852.768919	397.600	ZZO
188	686459.453754	966851.970167	397.599	LN
189	686458.184069	966851.171415	397.599	KZO
190	686411.858197	966822.028068	397.566	ZO
191	686397.958525	966813.283862	0.000	VB
192	686383.870751	966804.846051	397.546	KO
193	686353.503389	966786.657651	397.525	KV4
194	686354.264887	966785.170962	397.525	KV4
195	686342.684632	966780.177804	0.000	BO4
196	686331.865875	966773.697956	397.510	ZV4
197	686317.526253	966765.109302	397.500	ZZO
198	686316.797071	966764.672561	397.499	ZO
199	686309.599980	966760.361895	0.000	VB
200	686305.785784	966758.266566	397.510	LN
201	686302.262327	966756.295100	397.520	KO
202	686293.907771	966751.664701	397.557	KZO
219	686719.198893	967015.968518	397.438	ZZO
220	686702.678740	967002.219868	397.541	ZO
221	686698.422531	966998.749049	397.559	LN
222	686688.649153	966990.543955	0.000	VB
223	686676.548433	966982.965394	397.600	KZO
224	686673.199503	966980.824666	397.600	KO
225	686463.250168	966848.746711	397.600	ZZO
226	686461.983385	966847.949786	397.599	LN
227	686460.716603	966847.152860	397.599	KZO
228	686397.469860	966807.364687	397.554	ZO
229	686379.458850	966796.034061	0.000	VB
230	686359.919206	966787.608984	397.528	KO
240	686811.870527	967065.884507	397.011	ZZO
241	686811.835367	967065.870544	397.011	ZV102
242	686810.905975	967065.501450	397.011	LN
243	686809.941422	967065.118393	397.011	KZO
244	686782.703353	967054.301210	397.022	ZZO
245	686777.476386	967052.225400	397.032	LN=ZO
247	686772.976675	967050.438409	0.000	VB
248	686772.280901	967050.072538	397.058	KZO

**SO 11-02 ŽST Mníšek u Liberce, železniční spodek**

č.b.	Y[m]	X[m]	h[m]	popis
1	686817.239	967085.146	395.374	Š1
2	686788.946	967066.636	395.578	Š2
3	686760.380	967048.192	395.782	Š3
4	686718.058	967021.568	396.082	Š4
5	686675.736	966994.944	396.480	Š5
6	686633.414	966968.319	396.630	Š6
7	686591.711	966940.455	396.630	Š7
8	686550.562	966912.387	396.780	Š8
9	686551.532	966907.090	396.780	Š9
10	686509.210	966880.466	396.630	Š10
11	686466.888	966853.841	396.480	Š11
12	686425.413	966827.749	396.633	Š12
13	686383.685	966801.966	396.205	Š13
14	686342.736	966776.919	396.061	Š14
15	686311.626	966758.726	395.953	Š15
21	686812.651	967092.438	394.800	V1
22	686755.693	967055.643	395.550	V2
23	686587.263	966947.525	396.550	V3
24	686458.770	966866.745	396.430	V4
25	686311.905	966753.806	394.950	V5

**SO 12-01 ŽST Mníšek u Liberce, nástupiště**

č.b.	Y[m]	X[m]	h[m]	popis
301	686542.241162	966913.124590	398.150	Nást_hr_k1_Zač
302	686522.773110	966900.877348	398.150	Nást_hr_k1
303	686504.151496	966889.162594	398.150	Nást_hr_k1
304	686485.529881	966877.447840	398.150	Nást_hr_k1
305	686466.061829	966865.200597	398.150	Nást_hr_k1_Kon
306	686545.436095	966908.045968	398.150	Nást_hr_k3_Zač
307	686525.968043	966895.798725	398.150	Nást_hr_k3
308	686507.346429	966884.083971	398.150	Nást_hr_k3
309	686488.724814	966872.369217	398.150	Nást_hr_k3
310	686469.256762	966860.121975	398.150	Nást_hr_k3_Kon
311	686548.922356	966915.650071	397.590	Šikmý_chodník
312	686542.997296	966911.922650	398.150	Šikmý_chodník
313	686544.679961	966909.247909	398.150	Šikmý_chodník
314	686550.605020	966912.975330	397.590	Šikmý_chodník
315	686559.631923	966905.236755	397.580	Přechod_dlažba
316	686556.720169	966903.405008	397.590	Přechod_dlažba
317	686552.741913	966900.902312	0.000	Přechod_dlažba_do_stav_stavu
318	686558.717670	966906.690037	397.600	Přechod_dlažba
319	686555.805926	966904.858277	397.600	Přechod_dlažba
320	686556.811362	966909.720283	397.600	Přechod_dlažba
321	686553.899617	966907.888523	397.600	Přechod_dlažba
322	686556.188348	966910.710613	397.600	Přechod_dlažba
323	686553.276604	966908.878853	397.600	Přechod_dlažba
324	686554.282040	966913.740859	397.600	Přechod_dlažba
325	686551.370296	966911.909099	397.600	Přechod_dlažba
326	686550.672738	966913.017926	397.590	Přechod_dlažba
327	686551.944413	966917.456717	397.570	Přechod_dlažba
328	686548.964955	966915.582356	397.590	Přechod_dlažba
329	686555.302909	966912.268335	397.600	Přechod_dlažba
330	686552.255735	966910.351377	397.600	Přechod_dlažba
331	686557.832232	966908.247758	397.600	Přechod_dlažba
332	686554.785058	966906.330800	397.600	Přechod_dlažba

**SO 13-01 Liberec – Mníšek u L., žel.přejezd v km 168,993**

č.b.	Y[m]	X[m]	h[m]	popis
400	688297.244	968019.160		ZU ZKPP
401	688293.012	968016.498		ZU PREJEZD
402	688291.108	968015.300		OSA PREJEZD
403	688289.203	968014.102		KU PREJEZD
404	688284.971	968011.439		KU ZKPP
405	688300.086	968016.195	402.120	ZU ODVODNENI
406	688284.850	968006.610	401.902	KU ODVODNENI
407	688290.504	968003.085	401.162	ZU PKO=ZO1
408	688291.962	968008.608		VB1
409	688291.290	968014.280	402.022	KO1
410	688289.818	968026.689	401.692	KU PKO
411	688291.498	968010.976	401.912	ZZO
412	688291.466	968012.151	401.994	VZO
413	688291.388	968013.323	402.022	KZO
414	688290.940	968017.228	402.022	ZZO
415	688290.870	968017.818	402.015	VZO
416	688290.800	968018.409	401.994	KZO

**SO 13-02 Liberec – Mníšek u L., žel.přejezd v km 169,674**

č.b.	Y[m]	X[m]	h[m]	popis
420	687720.622	967656.411		ZU ZKPP
421	687716.390	967653.748		ZU PREJEZD
422	687714.105	967652.310		OSA PREJEZD
423	687711.819	967650.873		KU PREJEZD
424	687707.587	967648.210		KU ZKPP
425	687723.279	967653.531	397.999	ZU ODVODNENI L
426	687708.043	967643.946	397.823	KU ODVODNENI L
427	687716.767	967659.479	397.976	ZU ODVODNENI P
428	687706.610	967653.089	397.859	KU ODVODNENI P
429	687715.642	967656.822	399.245	ZU ZLAB
430	687710.563	967653.627	399.186	KU ZLAB
431	687718.908	967636.850	398.318	ZU PKO
432	687717.393	967641.815		ZU ROZSIRENI PKO
433	687715.831	967646.937	399.026	ZO2
434	687712.794	967656.896		VB2
435	687708.738	967666.486		KO2
436	687715.935	967646.597		
437	687712.456	967657.032		
438	687710.687	967661.708		KU ROZSIRENI PKO
439	687709.946	967663.566	399.838	KU PKO
440	687715.397	967648.343	399.124	ZZO
441	687715.043	967649.462	399.203	VZO
442	687714.682	967650.579	399.203	KZO
443	687713.506	967654.078	399.203	ZZO
444	687712.261	967657.567	399.203	VZO
445	687710.951	967661.031	399.569	KZO

**SO 13-03 Liberec – Mníšek u L., žel.přejezd v km 169,981**

č.b.	Y[m]	X[m]	h[m]	popis
446	687460.719	967492.907		ZU ZKPP
447	687456.487	967490.244		ZU PREJEZD
448	687454.201	967488.807		OSA PREJEZD
449	687451.916	967487.369		KU PREJEZD
450	687447.684	967484.706		KU ZKPP
451	687459.916	967496.625	394.996	ZU ODVODNENI
452	687444.680	967487.040	394.820	KU ODVODNENI
453	687459.053	967481.226	396.267	ZU PKO
454	687453.708	967489.633	396.196	ZO3
455	687448.699	967497.510		VB3
456	687452.253	967506.143		KO3
457	687451.026	967497.140	396.196	KU PKO
458	687455.512	967486.796	396.196	VZO

**SO 13-04 Liberec – Mníšek u L., žel.přejezd v km 170,490**

č.b.	Y[m]	X[m]	h[m]	popis
460	687030.983	967222.562		ZU ZKPP
461	687026.751	967219.900		ZU PREJEZD
462	687023.704	967217.983		OSA PREJEZD
463	687020.657	967216.066		KU PREJEZD
464	687016.424	967213.404		KU ZKPP
465	687029.125	967225.944	393.316	ZU ODVODNENI
466	687013.889	967216.360	393.482	KU ODVODNENI
467	687024.927	967222.651	394.683	ZU ZLAB
468	687018.156	967218.391	394.757	KU ZLAB
469	687028.141	967212.573	394.518	ZU PKO
470	687021.528	967220.577	394.715	ZO4
471	687004.354	967241.364		VB4
472	687028.165	967254.017		KO4
473	687017.779	967227.165	395.120	KU PKO
474	687027.028	967213.920	394.600	ZZO
475	687025.912	967215.271	394.662	VZO
476	687024.790	967216.618	394.682	KZO
477	687022.939	967218.870	394.682	ZZO
478	687021.581	967220.514	394.712	VZO
479	687020.298	967222.216	394.803	KZO

**SO 13-05 ŽST Mníšek u Liberce, žel.přejezd v km 171,327**

č.b.	Y[m]	X[m]	h[m]	popis
480	686317.630	966770.641		ZU PREJEZD
481	686316.154	966769.611		OSA PREJEZD
482	686314.678	966768.581		KU PREJEZD
483	686320.182	966766.700		ZU PREJEZD
484	686318.633	966765.772		OSA PREJEZD
485	686317.094	966764.850		KU PREJEZD
486	686320.026	966777.700	396.021	ZU ODVODNENI
487	686310.187	966770.830	395.991	KU ODVODNENI
488	686322.324	966759.328	397.216	ZU PKO

489	686315.903	966770.235	397.500 ZO5
490	686314.785	966772.136	VB5
491	686313.838	966774.127	397.358 KO5
492	686312.148	966777.681	397.141 KU PKO
493	686320.148	966763.025	397.460 ZZO
494	686319.788	966763.637	397.490 VZO
495	686319.427	966764.248	397.500 KZO
496	686315.331	966771.235	397.500 ZZO
497	686314.998	966771.841	397.490 VZO
498	686314.674	966772.451	397.462 KZO

#### **SO 84-01 ŽST Mníšek u Liberce, EOV**

č.b.	Y[m]	X[m]			
734	686882.77	967124.49	738	686264.47	966731.87
735	686877.79	967122.57	739	686263.65	966733.17
736	686876.68	967124.07	744	686882.16	967125.36
737	686261.40	966729.00			

#### **SO 86-01 Liberec – Mníšek u L., přípojka NN pro PZS**

č.b.	Y[m]	X[m]			
701	687027.66	967223.73	719	687579.26	967570.66
702	687026.41	967225.64	720	687476.26	967505.87
703	687026.87	967227.08	721	687454.95	967492.47
704	687026.61	967223.09	722	687449.28	967488.90
705	687029.66	967218.98	723	687452.12	967484.03
706	687021.54	967213.87	724	687457.63	967487.50
707	686987.77	967192.63	725	687460.81	967489.49
708	686926.26	967153.95	726	687462.88	967487.56
711	687709.87	967641.17	727	687434.25	967479.44
712	687710.89	967644.68	728	687360.96	967433.31
713	687713.27	967646.18	729	687306.08	967398.77
714	687709.66	967652.69	730	687223.77	967346.99
715	687716.03	967656.70	731	687168.38	967312.16
716	687720.63	967659.59	732	687068.71	967249.48
717	687688.42	967639.33	733	687040.91	967232.00
718	687633.89	967605.04			

#### **SO 86-02 ŽST Mníšek u Liberce, Osvětlení a rozvody NN**

č.b.	Y[m]	X[m]			
740	686893.74	967130.72	779	686551.10	966881.92
741	686892.52	967132.74	780	686556.49	966886.22
742	686888.37	967129.51	781	686536.73	966901.77
743	686891.02	967130.32	782	686535.27	966903.95
745	686867.21	967114.16	783	686539.64	966906.74
746	686830.07	967087.13	784	686538.68	966907.42
747	686810.58	967074.39	785	686538.41	966908.66
748	686794.50	967063.40	786	686545.24	966912.92
749	686797.27	967056.51	787	686552.75	966917.60
750	686782.41	967048.43	788	686553.45	966916.55
751	686773.26	967047.45	789	686508.82	966887.44
752	686754.79	967037.01	790	686508.01	966888.04
753	686757.61	967032.84	791	686477.70	966868.01
754	686853.56	967106.10	792	686476.85	966868.45
755	686741.23	967029.34	793	686469.45	966865.02
756	686727.38	967018.06	794	686466.08	966862.90
757	686730.27	967014.63	795	686413.96	966830.35
758	686706.85	967001.34	796	686372.84	966804.25
759	686709.68	966998.41	797	686353.44	966791.20
760	686703.00	967006.07	798	686358.55	966783.21
761	686670.10	966982.20	799	686327.64	966775.16
762	686620.91	966951.33	800	686324.78	966779.11
763	686574.24	966922.05	801	686321.70	966783.38
764	686577.03	966917.26	802	686317.69	966780.62
765	686560.11	966906.60	803	686315.29	966784.12
766	686561.07	966905.63	804	686316.73	966773.11
767	686563.42	966900.89	805	686313.08	966770.39
768	686566.64	966895.29	806	686310.64	966768.57
769	686564.41	966893.92	807	686310.43	966769.88
770	686566.47	966890.82	808	686288.03	966753.13
771	686576.17	966909.38	809	686286.47	966753.51
772	686588.82	966917.34	810	686291.57	966747.70
773	686554.96	966903.35	811	686270.39	966735.47
774	686547.73	966898.20	812	686264.96	966731.09
775	686541.31	966894.78	813	686269.71	966740.68
776	686546.57	966886.75	814	686254.52	966731.04
777	686547.98	966887.69	815	686245.05	966725.04
778	686550.01	966883.66	816	686243.33	966725.87