



Условные обозначения:

- красные линии
- красные линии за границей проектирования
- 46 — номер поворотной точки

Ведомость координат поворотных точек красных линий, фактически существующих

Номер точки	КООРДИНАТЫ		Дир. углы	Меры линий	На точку
	Х	У			
1	460884.31	1219375.48	65° 16' 4"	61.34	2
2	460819.87	1219431.20	66° 8' 41"	12.01	3
3	460824.63	1219442.16	67° 1' 18"	53.98	4
4	460849.81	1219501.08	161° 28' 10"	129.48	5
5	460827.04	1219542.23	161° 22' 13"	62.45	6
6	460787.86	1219562.18	164° 2' 24"	17.90	7
7	460750.65	1219567.11	161° 14' 56"	4.28	8
8	460746.60	1219568.48	164° 41' 20"	28.07	9
9	460719.53	1219575.89	250° 39' 56"	84.38	10
10	460851.59	1219486.27	248° 38' 3"	28.07	11
11	46081.37	1219470.12	338° 13' 41"	46.50	12
12	460723.93	1219451.38	66° 13' 22"	2.50	13
13	460724.94	1219453.66	334° 18' 56"	79.90	14
14	460789.94	1219419.03	335° 30' 8"	16.26	15
15	460811.74	1219412.29	338° 41' 20"	21.60	16
16	460831.57	1219403.74	338° 12' 12"	4.36	17
17	460835.57	1219401.98	335° 43' 4"	64.44	18
1	460884.31	1219375.48	0° 0' 0"	0.00	1
Номер точки	КООРДИНАТЫ		Дир. углы	Меры линий	На точку
	Х	У			
18	460955.68	1219514.93	65° 59' 3"	16.89	2
19	460925.55	1219530.36	64° 48' 7"	123.39	3
20	461015.09	1219642.00	64° 48' 7"	9.31	4
21	461019.05	1219650.43	154° 33' 40"	94.69	5
22	460933.54	1219691.10	156° 36' 5"	18.37	6
23	460916.68	1219698.40	158° 46' 19"	58.87	7
24	46081.80	1219719.71	158° 22' 2"	4.78	8
25	460857.35	1219721.39	159° 53' 46"	100.29	9
26	460763.18	1219755.86	160° 52' 34"	6.30	10
27	460755.34	1219758.58	161° 51' 22"	77.74	11
28	46081.46	1219782.78	158° 22' 25"	6.72	12
29	460875.18	1219785.19	204° 3' 44"	8.48	13
30	460867.44	1219781.73	249° 1' 0"	171.58	14
31	460866.00	1219821.53	343° 23' 43"	4.06	15
32	460869.89	1219820.37	341° 38' 27"	23.31	16
33	460832.01	1219813.03	47° 38' 10"	0.80	17
34	460832.55	1219813.62	343° 24' 2"	11.55	18
35	460843.62	1219810.32	252° 44' 28"	1.08	19
36	460843.30	1219809.29	341° 44' 48"	35.32	20
37	460877.41	1219598.04	345° 24' 37"	27.11	21
38	460703.65	1219591.21	5° 16' 24"	17.74	22
39	460721.31	1219592.84	347° 46' 13"	7.39	23
40	460735.53	1219591.27	341° 22' 5"	109.24	24
41	460831.84	1219556.45	341° 28' 10"	130.62	25
18	460955.68	1219514.93	0° 0' 0"	0.00	1
Номер точки	КООРДИНАТЫ		Дир. углы	Меры линий	На точку
	Х	У			
42	460766.68	1219770.55	72° 16' 19"	246.12	2
43	460841.63	1220004.98	74° 43' 1"	33.66	3
44	460850.50	1220037.45	187° 14' 26"	100.46	4
45	460750.84	1220024.73	199° 23' 49"	10.10	5
46	460744.15	1220022.44	244° 41' 32"	35.77	6
47	460728.86	1219990.10	240° 40' 15"	9.53	7
48	460724.19	1219981.79	244° 39' 38"	32.81	8
49	460710.07	1219982.19	248° 21' 11"	21.86	9
50	460701.97	1219931.76	257° 51' 30"	28.08	10
51	460696.06	1219904.31	267° 22' 0"	17.10	11
52	460695.27	1219887.22	269° 35' 19"	22.42	12
53	460691.61	1219885.10	252° 46' 38"	65.61	13
54	460673.31	1219802.10	338° 29' 43"	13.78	14
55	460686.13	1219797.05	341° 51' 22"	77.74	15
56	460760.01	1219772.84	341° 4' 16"	7.06	16
42	460766.68	1219770.55	0° 0' 0"	0.00	1
Номер точки	КООРДИНАТЫ		Дир. углы	Меры линий	На точку
	Х	У			
57	460686.47	1219814.37	73° 49' 38"	55.73	2
58	460682.00	1219807.89	86° 19' 40"	20.86	3
59	460685.28	1219807.68	87° 22' 0"	17.10	4
60	460686.07	1219904.77	77° 51' 30"	31.59	5
61	460682.67	1219935.45	68° 21' 1"	21.86	6
62	460700.77	1219848.86	64° 30' 38"	34.15	7
63	460715.47	1219868.89	60° 40' 15"	9.53	8
64	460720.14	1219995.00	61° 18' 46"	5.49	9
65	460722.77	1219999.82	145° 6' 54"	21.87	10
66	460704.83	1220019.39	178° 42' 48"	128.27	11
67	460576.18	1220109.88	163° 13' 39"	98.94	12
68	460482.05	1220048.23	216° 21' 17"	9.60	13
69	460474.32	1220042.54	269° 28' 54"	18.30	14
70	460474.15	1220034.24	288° 19' 32"	53.29	15
71	460450.91	1219973.65	307° 10' 17"	14.84	16
72	460499.88	1219961.82	312° 3' 21"	66.87	17
73	460544.67	1219912.17	316° 56' 34"	54.03	18
74	460594.15	1219875.28	317° 31' 16"	7.92	19
75	460590.00	1219869.93	318° 5' 58"	72.89	20
76	460544.25	1219821.25	322° 9' 8"	16.61	21
77	460567.37	1219811.06	20° 0' 28"	9.68	22
57	460686.47	1219814.37	0° 0' 0"	0.00	1
Номер точки	КООРДИНАТЫ		Дир. углы	Меры линий	На точку
	Х	У			
78	460663.47	1220192.10	86° 33' 47"	26.94	2
79	460655.08	1220219.99	86° 19' 40"	8.12	3
80	460666.34	1220229.43	84° 45' 49"	8.68	4
81	460672.04	1220234.28	64° 45' 49"	14.17	5
82	460678.08	1220247.10	64° 23' 14"	11.98	6
83	460683.26	1220257.90	69° 29' 25"	9.90	7
84	460686.74	1220267.17	158° 34' 17"	3.31	8
85	460685.54	1220267.69	156° 4' 16"	41.52	9
86	460647.59	1220284.53	128° 23' 47"	10.58	10
87	460641.02	1220292.82	102° 14' 25"	10.99	11
88	460638.69	1220303.95	84° 45' 17"	16.30	12
89	460640.18	1220319.79	69° 47' 53"	2.46	13
90	460641.03	1220322.10	68° 52' 11"	15.53	14
91	460646.63	1220336.59	67° 55' 39"	3.14	15
92	460647.81	1220339.50	102° 52' 41"	4.14	16
93	460646.88	1220343.53	99° 23' 9"	6.01	17
94	460645.90	1220349.46	99° 23' 9"	9.64	18
95	460644.33	1220358.97	99° 23' 9"	9.83	19
96	460642.73	1220369.66	92° 22' 9"	11.44	20
97	460640.86	1220379.95	99° 9' 48"	1.67	21
98	460640.71	1220381.61	91° 15' 37"	65.47	22
99	460639.27	1220447.06	178° 14' 53"	82.10	23
100	460637.21	1220449.17	178° 32' 32"	21.18	24
101	460636.06	1220450.78	175° 13' 14"	51.61	25
102	460484.63	1220455.08	176° 55' 41"	170.17	26
103	460314.70	1220464.20	138° 33' 18"	4.36	27
104	460311.43	1220467.39	138° 52' 24"	7.26	28
105	460305.62	1220472.52	177° 38' 14"	89.27	29
106	460216.43	1220476.20	223° 32' 8"	9.68	30
107	460209.41	1220489.53	269° 49' 49"	343.86	31
108	460208.39	1220125.87	0° 21' 16"	122.10	32
109	460330.49	1220126.43	358° 42' 57"	24.10	33
110	460354.58	1220125.89	351° 20' 49"	87.47	34
111	460441.06	1220112.73	343° 29' 41"	15.36	35
112	460455.79	1220109.37	343° 29' 41"	141.44	36
113	460591.21	1220067.55	1° 41' 0"	142.48	37
114	460733.63	1220071.74	18° 5' 1"	19.71	38
115	460752.36	1220077.85	91° 2' 58"	48.31	39
116	460751.48	1220126.16	153° 42' 36"	70.83	40
117	460687.96	1220157.53	147° 53' 7"	9.99	41
118	460679.52	1220162.84	118° 45' 7"	33.38	42
78	460663.47	1220192.10	0° 0' 0"	0.00	1
Номер точки	КООРДИНАТЫ		Дир. углы	Меры линий	На точку
	Х	У			
119	460650.36	1220482.59	46° 10' 26"	10.70	2
120	460657.77	1220490.31	15° 28' 2"	38.36	3
121	460694.74	1220500.54	16° 27' 7"	10.86	4
122	460705.17	1220503.62	7° 48' 11"	2.73	5
123	460707.87	1220503.99	2° 25' 16"	5.44	6
124	460713.31	1220504.22	43° 52' 12"	16.49	7
125	460725.20	1220515.65	99° 30' 13"	27.27	8
126	460720.67	1220542.71	141° 54' 51"	4.05	9
127	460717.48	1220545.21	184° 31' 35"	27.88	10
128	460689.69	1220543.01	186° 4' 54"	13.21	11
129	460670.55	1220541.61	189° 9' 0"	10.25	12
130	460666.43	1220539.98	189° 16' 21"	2.98	13
131	460663.49	1220539.50	190° 42' 35"	86.31	14
132	460578.68	1220523.46	102° 14' 34"	10.10	15
133	460576.66	1220533.23	10° 9' 44"	25.16	16
134	460601.33	1220537.87	97° 38' 21"	38.12	17
135	460596.13	1220576.44	108° 52' 33"	32.19	18
136	460585.71	1220606.90	203° 9' 46"	103.17	19
137	460480.86	1220566.32	206° 16' 58"	25.43	20
138	460480.06	1220555.06	201° 25' 11"	163.22	21
139	460316.11	1220495.46	294° 39' 35"	16.58	22
140	460322.99	1220480.37	356° 22' 8"	163.27	23
141	460485.93	1220470.03	355° 12' 44"	51.16	24
142	460556.91	1220465.76	356° 43' 38"	21.19	25
143	460558.07	1220464.55	358° 14' 21"	83.97	26
144	460642.00	1220461.97	67° 55' 51"	22.25	27
119	460650.36	1220482.59	0° 0' 0"	0.00	1

номер точки	К О О Р Д И Н А Т Ы		Дир. углы	Меры линий	На точку
	X	Y			
145	461025.99	1219680.50	60° 46' 51"	5.98	2
146	461030.37	1219671.34	60° 8' 57"	83.51	3
147	461071.94	1219743.77	150° 8' 57"	4.50	4
148	461068.03	1219748.01	60° 6' 53"	193.92	5
149	461084.12	1219914.14	108° 25' 34"	12.27	6
150	461109.08	1219924.33	108° 24' 42"	55.66	7
151	461119.98	1219941.50	246° 59' 50"	56.16	8
152	461109.04	1219889.81	155° 13' 21"	10.00	9
153	461088.62	1219894.00	60° 59' 59"	55.54	10
154	461110.98	1219941.33	246° 54' 22"	11.77	11
155	461058.44	1219866.22	241° 36' 17"	148.79	12
156	460986.64	1219837.10	150° 10' 31"	15.00	13
157	460973.62	1219844.56	150° 12' 13"	89.67	14
158	460973.62	1219844.56	150° 12' 13"	89.67	15
159	461044.22	1219971.85	148° 23' 50"	1.87	16
160	461042.35	1219971.71	158° 44' 22"	142.11	17
161	460958.02	1220003.24	160° 36' 56"	46.06	18
162	460958.02	1220003.24	160° 36' 56"	46.06	19
163	460958.01	1220000.72	252° 17' 29"	33.87	20
164	460845.28	1219955.45	252° 12' 52"	11.22	21
165	460842.78	1219957.76	252° 16' 19"	20.16	22
166	460842.78	1219957.76	252° 16' 19"	20.16	23
167	460862.51	1219735.48	339° 20' 2' 5.05	24	24
168	460867.24	1219737.70	338° 46' 19"	58.87	25
169	460922.11	1219735.38	336° 30' 5"	19.50	26
170	460922.11	1219735.38	336° 30' 5"	19.50	27
171	461025.99	1219680.50	0° 0' 0"	0.00	1
номер точки	К О О Р Д И Н А Т Ы		Дир. углы	Меры линий	На точку
171	460667.11	1219476.41	69° 59' 28"	59.05	2
172	460667.11	1219551.89	70° 31' 34"	26.10	3
173	460696.02	1219536.80	70° 29' 15"	24.86	4
174	460704.32	1219579.93	174° 4' 43"	12.66	5
175	460667.11	1219551.89	70° 31' 34"	26.10	6
176	460662.61	1219583.06	68° 17' 55"	54.29	7
177	460360.61	1219598.66	163° 18' 38"	34.05	8
178	460599.39	1219608.44	248° 33' 16"	25.71	9
179	460599.39	1219608.44	248° 33' 16"	25.71	10
180	460561.19	1219571.92	219° 10' 49"	15.13	11
181	460569.46	121962.36	217° 55' 54"	9.57	12
182	460561.19	1219571.92	219° 10' 51"	7.56	13
183	460561.19	1219571.92	219° 10' 51"	7.56	14
184	460565.39	1219550.08	40° 33' 32"	11.69	15
185	460574.22	1219577.68	59° 36' 49"	17.14	16
186	460580.21	1219587.81	69° 49' 0"	21.84	17
187	460580.21	1219587.81	69° 49' 0"	21.84	18
188	460561.19	1219571.92	219° 10' 33"	22.21	19
189	460634.23	1219961.08	142° 54' 52"	72.89	20
190	460579.32	1219888.76	137° 31' 16"	8.23	21
191	460579.32	1219888.76	137° 31' 16"	8.23	22
192	460534.43	1219901.21	132° 3' 21"	69.43	23
193	460579.32	1219888.76	127° 10' 19"	14.84	24
194	460478.96	1219664.50	108° 10' 32"	62.98	25
195	460478.96	1219664.50	108° 10' 32"	62.98	26
196	460459.39	1220050.54	126° 21' 17"	7.20	27
197	460455.12	1220056.34	163° 13' 39"	14.38	28
198	460441.36	1220050.49	171° 47' 34"	11.70	29
199	460441.36	1220050.49	171° 47' 34"	11.70	30
200	460207.11	1220075.67	260° 19' 29"	361.13	31
201	460202.85	1220075.67	74° 21' 11"	72.90	32
202	460279.19	1219724.41	6° 28' 11"	16.57	33
203	460369.17	1219733.40	16° 35' 17"	72.93	34
204	460369.17	1219733.40	16° 6' 51"	72.67	35
205	460436.84	1219751.12	22° 38' 34"	32.76	36
206	460469.88	1219763.74	112° 38' 34"	9.34	37
207	460469.88	1219763.74	112° 38' 34"	9.34	38
208	460469.88	1219763.74	112° 38' 34"	9.34	39
209	460494.49	1219763.17	202° 38' 34"	55.26	40
210	460443.49	1219761.87	186° 52' 6"	33.57	41
211	460443.49	1219761.87	186° 52' 6"	33.57	42
212	460401.49	1219728.50	189° 9' 18"	31.75	43
213	460370.14	1219728.50	185° 35' 36"	77.93	44
214	460292.58	1219715.87	187° 15' 57"	19.45	45
215	460292.58	1219715.87	187° 15' 57"	19.45	46
216	460292.58	1219715.87	187° 15' 57"	19.45	47
217	460202.73	1219704.46	260° 19' 29"	94.86	47
47	462020.61	1219609.60	344° 1' 57"	484.84	1
номер точки	К О О Р Д И Н А Т Ы		Дир. углы	Меры линий	На точку
218	460857.17	1220342.68	159° 11' 0"	64.07	2
219	460797.28	1220455.45	161° 45' 0"	2.94	3
220	460794.49	1220456.37	257° 12' 15"	15.13	4
221	460794.49	1220456.37	257° 12' 15"	15.13	5
222	460791.13	1220449.41	246° 22' 15"	3.61	6
223	460970.58	1220432.71	208° 14' 33"	5.79	7
224	460786.96	1220426.10	231° 48' 48"	24.13	8
225	460786.96	1220426.10	231° 48' 48"	24.13	9
226	460786.96	1220409.36	243° 32' 36"	4.84	10
227	460759.53	1220405.02	243° 32' 36"	49.56	11
228	460759.53	1220350.59	243° 32' 36"	4.37	12
229	460759.53	1220350.59	243° 32' 36"	4.37	13
230	460731.68	1220357.88	246° 22' 14"	18.69	14
231	460724.19	1220340.76	243° 47' 48"	18.41	15
232	460716.08	1220324.24	242° 39' 37"	6.95	16
233	460716.08	1220324.24	242° 39' 37"	6.95	17
234	460709.31	1220278.49	245° 54' 11"	34.58	18
235	460695.19	1220270.49	154° 33' 42"	38.20	19
236	460695.19	1220270.49	154° 33' 42"	38.20	20
237	460663.36	1220306.70	128° 22' 54"	10.58	20
238	460663.36	1220306.70	128° 22' 54"	10.58	21
239	460654.18	1220334.61	85° 21' 1"	10.18	22
240	460654.18	1220334.61	85° 21' 1"	10.18	23
241	460654.18	1220334.61	85° 21' 1"	10.18	24
242	460655.82	1220381.35	95° 26' 18"	1.61	26
243	460655.82	1220381.35	91° 14' 36"	75.01	27
244	460654.04	1220457.94	242° 31' 50"	6.72	28
245	460654.04	1220457.94	242° 31' 50"	6.72	29
246	460660.36	1220490.70	150° 40' 6"	47.69	30
247	460738.30	1220493.58	354° 33' 19"	32.15	31
248	460738.30	1220493.58	354° 33' 19"	32.15	32
249	460727.75	1220566.18	189° 13' 36"	10.79	33
250	460727.75	1220566.18	189° 13' 36"	10.79	34
251	460716.08	1220565.95	231° 59' 29"	44.32	35
252	460716.08	1220565.95	231° 59' 29"	44.32	36
253	460688.92	1220552.98	188° 5' 31"	13.76	38
254	460688.92	1220552.98	188° 5' 31"	13.76	39
255	460675.22	1220551.52	189° 6' 18"	13.37	39
256	460661.63	1220543.33	190° 29' 25"	51.41	40
257	460661.63	1220543.33	190° 29' 25"	51.41	41
258	460655.05	1220578.01	108° 47' 23"	34.00	42
259	460594.10	1220610.20	8° 53' 23"	89.40	43
260	460592.42	1220624.02	1° 6' 57"	34.13	44
261	460592.42	1220624.02	1° 6' 57"	34.13	45
262	460784.44	1220627.78	290° 26' 55"	208.21	1