

**Załącznik 3 - Zestawienie różnic rzędnych niwelety toru nr 1
projektowanego i istniejącego**

Lp.	Pikieta	Rzędna istniejąca	Rzędna projektowana	Różnica rzędnych
1	310+900,000	78,111m	78,103m	0,008m
2	310+910,000	78,092m	78,090m	0,003m
3	310+920,000	78,074m	78,077m	-0,002m
4	310+930,000	78,050m	78,064m	-0,014m
5	310+940,000	78,029m	78,051m	-0,022m
6	310+950,000	78,021m	78,038m	-0,017m
7	310+960,000	78,008m	78,025m	-0,017m
8	310+970,000	77,996m	78,012m	-0,017m
9	310+980,000	77,983m	77,999m	-0,016m
10	310+990,000	77,970m	77,986m	-0,017m
11	311+000,000	77,956m	77,974m	-0,018m
12	311+010,000	77,941m	77,961m	-0,019m
13	311+020,000	77,927m	77,948m	-0,021m
14	311+030,000	77,912m	77,935m	-0,023m
15	311+040,000	77,897m	77,922m	-0,025m
16	311+050,000	77,883m	77,909m	-0,026m
17	311+060,000	77,865m	77,896m	-0,031m
18	311+066,550	77,854m	77,888m	-0,034m
19	311+070,000	77,848m	77,883m	-0,036m
20	311+080,000	77,830m	77,870m	-0,040m
21	311+090,000	77,812m	77,857m	-0,045m
22	311+099,852	77,795m	77,845m	-0,050m
23	311+100,000	77,795m	77,845m	-0,050m
24	311+110,000	77,779m	77,832m	-0,052m
25	311+120,000	77,764m	77,819m	-0,055m
26	311+130,000	77,748m	77,806m	-0,058m
27	311+133,154	77,743m	77,802m	-0,058m
28	311+140,000	77,733m	77,793m	-0,060m
29	311+150,000	77,717m	77,780m	-0,063m
30	311+150,000	77,717m	77,780m	-0,063m
31	311+160,000	77,715m	77,779m	-0,064m
32	311+170,000	77,714m	77,778m	-0,065m
33	311+180,000	77,712m	77,778m	-0,065m
34	311+190,000	77,711m	77,777m	-0,066m
35	311+200,000	77,709m	77,776m	-0,067m
36	311+210,000	77,709m	77,775m	-0,066m
37	311+220,000	77,709m	77,774m	-0,065m
38	311+230,000	77,710m	77,774m	-0,064m
39	311+240,000	77,710m	77,773m	-0,063m
40	311+250,000	77,710m	77,772m	-0,062m
41	311+260,000	77,702m	77,771m	-0,069m
42	311+270,000	77,695m	77,770m	-0,076m
43	311+280,000	77,687m	77,770m	-0,082m
44	311+290,000	77,680m	77,769m	-0,089m
45	311+300,000	77,672m	77,768m	-0,096m
46	311+310,000	77,674m	77,767m	-0,094m

47	311+320,000	77,675m	77,766m	-0,091m
48	311+330,000	77,677m	77,766m	-0,089m
49	311+340,000	77,678m	77,765m	-0,086m
50	311+350,000	77,680m	77,764m	-0,084m
51	311+360,000	77,689m	77,763m	-0,075m
52	311+370,000	77,697m	77,762m	-0,065m
53	311+380,000	77,706m	77,762m	-0,056m
54	311+390,000	77,714m	77,761m	-0,046m
55	311+400,000	77,723m	77,760m	-0,037m
56	311+400,000	77,723m	77,760m	-0,037m
57	311+410,000	77,733m	77,776m	-0,043m
58	311+420,000	77,743m	77,791m	-0,048m
59	311+430,000	77,754m	77,807m	-0,054m
60	311+440,000	77,764m	77,823m	-0,059m
61	311+450,000	77,774m	77,839m	-0,065m
62	311+460,000	77,789m	77,854m	-0,065m
63	311+470,000	77,804m	77,870m	-0,066m
64	311+480,000	77,819m	77,886m	-0,066m
65	311+490,000	77,835m	77,901m	-0,067m
66	311+500,000	77,850m	77,917m	-0,067m
67	311+510,000	77,868m	77,933m	-0,065m
68	311+520,000	77,887m	77,949m	-0,062m
69	311+530,000	77,905m	77,964m	-0,059m
70	311+540,000	77,924m	77,980m	-0,056m
71	311+550,000	77,942m	77,996m	-0,054m
72	311+560,000	77,958m	78,011m	-0,053m
73	311+570,000	77,974m	78,027m	-0,053m
74	311+580,000	77,991m	78,043m	-0,052m
75	311+590,000	78,007m	78,059m	-0,052m
76	311+600,000	78,023m	78,074m	-0,051m
77	311+610,000	78,043m	78,090m	-0,047m
78	311+620,000	78,063m	78,106m	-0,043m
79	311+630,000	78,083m	78,121m	-0,038m
80	311+640,000	78,103m	78,137m	-0,034m
81	311+650,000	78,123m	78,153m	-0,030m
82	311+660,000	78,142m	78,169m	-0,027m
83	311+670,000	78,161m	78,184m	-0,024m
84	311+680,000	78,179m	78,200m	-0,021m
85	311+690,000	78,198m	78,216m	-0,018m
86	311+700,000	78,217m	78,231m	-0,014m
87	311+710,000	78,235m	78,247m	-0,013m
88	311+720,000	78,252m	78,263m	-0,011m
89	311+730,000	78,270m	78,279m	-0,009m
90	311+740,000	78,287m	78,294m	-0,007m
91	311+750,000	78,305m	78,310m	-0,005m
92	311+760,000	78,319m	78,326m	-0,006m
93	311+770,000	78,333m	78,341m	-0,008m
94	311+780,000	78,348m	78,357m	-0,010m
95	311+787,030	78,358m	78,368m	-0,011m
96	311+790,000	78,362m	78,373m	-0,011m

97	311+800,000	78,376m	78,393m	-0,017m
98	311+810,000	78,400m	78,417m	-0,018m
99	311+816,000	78,419m	78,435m	-0,016m
100	311+820,000	78,432m	78,447m	-0,015m
101	311+820,000	78,432m	78,447m	-0,015m
102	311+830,000	78,465m	78,482m	-0,017m
103	311+840,000	78,502m	78,522m	-0,019m
104	311+848,594	78,541m	78,560m	-0,018m
105	311+850,000	78,548m	78,566m	-0,018m
106	311+852,969	78,562m	78,581m	-0,019m
107	311+860,000	78,595m	78,615m	-0,020m
108	311+870,000	78,642m	78,663m	-0,022m
109	311+880,000	78,689m	78,712m	-0,024m
110	311+881,188	78,694m	78,718m	-0,024m
111	311+890,000	78,735m	78,761m	-0,025m
112	311+900,000	78,782m	78,809m	-0,027m
113	311+910,000	78,830m	78,858m	-0,028m
114	311+920,000	78,878m	78,907m	-0,029m
115	311+930,000	78,926m	78,956m	-0,030m
116	311+940,000	78,973m	79,004m	-0,031m
117	311+950,000	79,021m	79,053m	-0,032m
118	311+960,000	79,071m	79,102m	-0,031m
119	311+970,000	79,120m	79,150m	-0,030m
120	311+980,000	79,170m	79,199m	-0,029m
121	311+990,000	79,219m	79,248m	-0,029m
122	312+000,000	79,269m	79,296m	-0,028m
123	312+010,000	79,322m	79,345m	-0,023m
124	312+020,000	79,375m	79,394m	-0,019m
125	312+030,000	79,428m	79,442m	-0,014m
126	312+040,000	79,481m	79,491m	-0,010m
127	312+050,000	79,534m	79,540m	-0,006m
128	312+060,000	79,585m	79,588m	-0,003m
129	312+070,000	79,636m	79,637m	-0,001m
130	312+080,000	79,687m	79,686m	0,001m
131	312+090,000	79,738m	79,734m	0,003m
132	312+100,000	79,789m	79,783m	0,006m
133	312+110,000	79,836m	79,832m	0,004m
134	312+120,000	79,883m	79,881m	0,003m
135	312+130,000	79,931m	79,929m	0,001m
136	312+140,000	79,978m	79,978m	0,000m
137	312+150,000	80,025m	80,027m	-0,001m
138	312+160,000	80,074m	80,075m	-0,001m
139	312+170,000	80,123m	80,124m	-0,001m
140	312+180,000	80,172m	80,173m	-0,001m
141	312+190,000	80,221m	80,221m	-0,001m
142	312+200,000	80,270m	80,270m	-0,000m
143	312+200,000	80,270m	80,270m	-0,000m
144	312+210,000	80,319m	80,322m	-0,002m
145	312+220,000	80,369m	80,373m	-0,004m
146	312+230,000	80,419m	80,425m	-0,006m

147	312+240,000	80,468m	80,476m	-0,008m
148	312+250,000	80,518m	80,528m	-0,010m
149	312+260,000	80,570m	80,579m	-0,009m
150	312+270,000	80,622m	80,631m	-0,009m
151	312+280,000	80,674m	80,682m	-0,008m
152	312+290,000	80,726m	80,734m	-0,008m
153	312+300,000	80,778m	80,785m	-0,007m
154	312+310,000	80,830m	80,837m	-0,007m
155	312+320,000	80,881m	80,888m	-0,007m
156	312+330,000	80,933m	80,940m	-0,007m
157	312+340,000	80,985m	80,991m	-0,007m
158	312+350,000	81,036m	81,043m	-0,006m
159	312+360,000	81,089m	81,094m	-0,006m
160	312+370,000	81,141m	81,146m	-0,005m
161	312+380,000	81,193m	81,197m	-0,004m
162	312+390,000	81,246m	81,249m	-0,003m
163	312+400,000	81,298m	81,300m	-0,002m
164	312+410,000	81,350m	81,352m	-0,002m
165	312+420,000	81,401m	81,403m	-0,002m
166	312+430,000	81,452m	81,455m	-0,002m
167	312+440,000	81,504m	81,506m	-0,003m
168	312+450,000	81,555m	81,558m	-0,003m
169	312+460,000	81,605m	81,609m	-0,005m
170	312+470,000	81,654m	81,661m	-0,007m
171	312+480,000	81,703m	81,712m	-0,009m
172	312+490,000	81,753m	81,764m	-0,011m
173	312+500,000	81,802m	81,815m	-0,014m
174	312+510,000	81,855m	81,867m	-0,012m
175	312+520,000	81,908m	81,918m	-0,010m
176	312+530,000	81,962m	81,970m	-0,008m
177	312+540,000	82,015m	82,022m	-0,007m
178	312+550,000	82,068m	82,073m	-0,005m
179	312+560,000	82,120m	82,125m	-0,005m
180	312+570,000	82,172m	82,176m	-0,004m
181	312+580,000	82,224m	82,228m	-0,003m
182	312+590,000	82,276m	82,279m	-0,003m
183	312+600,000	82,328m	82,331m	-0,002m
184	312+610,000	82,380m	82,382m	-0,003m
185	312+620,000	82,431m	82,434m	-0,003m
186	312+630,000	82,482m	82,485m	-0,003m
187	312+640,000	82,533m	82,537m	-0,004m
188	312+650,000	82,584m	82,588m	-0,004m
189	312+660,000	82,634m	82,640m	-0,006m
190	312+670,000	82,683m	82,691m	-0,008m
191	312+680,000	82,733m	82,743m	-0,010m
192	312+690,000	82,783m	82,794m	-0,012m
193	312+700,000	82,832m	82,846m	-0,014m
194	312+710,000	82,885m	82,897m	-0,012m
195	312+720,000	82,938m	82,949m	-0,011m
196	312+730,000	82,990m	83,000m	-0,010m

197	312+740,000	83,043m	83,052m	-0,009m
198	312+750,000	83,096m	83,103m	-0,008m
199	312+760,000	83,146m	83,155m	-0,009m
200	312+770,000	83,197m	83,206m	-0,010m
201	312+780,000	83,247m	83,258m	-0,011m
202	312+790,000	83,298m	83,309m	-0,012m
203	312+800,000	83,348m	83,361m	-0,013m
204	312+806,802	83,383m	83,396m	-0,013m
205	312+810,000	83,400m	83,412m	-0,012m
206	312+814,432	83,423m	83,435m	-0,012m
207	312+820,000	83,452m	83,463m	-0,011m
208	312+830,000	83,504m	83,509m	-0,006m
209	312+839,506	83,552m	83,549m	0,003m
210	312+840,000	83,554m	83,551m	0,003m
211	312+850,000	83,599m	83,587m	0,012m
212	312+860,000	83,621m	83,618m	0,003m
213	312+860,000	83,621m	83,618m	0,003m
214	312+870,000	83,644m	83,644m	-0,001m
215	312+872,210	83,648m	83,649m	-0,001m
216	312+880,000	83,666m	83,666m	0,000m
217	312+890,000	83,679m	83,682m	-0,003m
218	312+900,000	83,688m	83,693m	-0,005m
219	312+905,569	83,690m	83,697m	-0,007m
220	312+910,000	83,691m	83,700m	-0,008m
221	312+920,000	83,695m	83,706m	-0,011m
222	312+930,000	83,698m	83,712m	-0,013m
223	312+940,000	83,702m	83,718m	-0,016m
224	312+946,446	83,704m	83,721m	-0,018m
225	312+950,000	83,705m	83,724m	-0,018m
226	312+960,000	83,712m	83,729m	-0,018m
227	312+970,000	83,718m	83,735m	-0,017m
228	312+979,512	83,724m	83,741m	-0,017m
229	312+980,000	83,725m	83,741m	-0,017m
230	312+990,000	83,731m	83,747m	-0,016m
231	313+000,000	83,738m	83,753m	-0,015m
232	313+010,000	83,745m	83,759m	-0,014m
233	313+012,577	83,747m	83,761m	-0,013m
234	313+020,000	83,753m	83,765m	-0,012m
235	313+030,000	83,760m	83,771m	-0,011m
236	313+040,000	83,768m	83,777m	-0,010m
237	313+050,000	83,775m	83,783m	-0,008m
238	313+060,000	83,781m	83,789m	-0,008m
239	313+070,000	83,787m	83,795m	-0,007m
240	313+080,000	83,794m	83,801m	-0,007m
241	313+090,000	83,800m	83,807m	-0,007m
242	313+100,000	83,806m	83,813m	-0,007m
243	313+110,000	83,808m	83,819m	-0,010m
244	313+120,000	83,811m	83,825m	-0,014m
245	313+130,000	83,814m	83,831m	-0,017m
246	313+140,000	83,816m	83,836m	-0,020m

247	313+150,000	83,819m	83,842m	-0,023m
248	313+160,000	83,822m	83,848m	-0,027m
249	313+170,000	83,824m	83,854m	-0,030m
250	313+180,000	83,827m	83,860m	-0,033m
251	313+190,000	83,829m	83,866m	-0,037m
252	313+200,000	83,832m	83,872m	-0,040m
253	313+210,000	83,839m	83,878m	-0,039m
254	313+220,000	83,846m	83,884m	-0,039m
255	313+230,000	83,852m	83,890m	-0,038m
256	313+240,000	83,859m	83,896m	-0,037m
257	313+250,000	83,866m	83,902m	-0,036m
258	313+260,000	83,874m	83,908m	-0,034m
259	313+270,000	83,882m	83,914m	-0,032m
260	313+280,000	83,889m	83,920m	-0,030m
261	313+290,000	83,897m	83,926m	-0,028m
262	313+300,000	83,905m	83,932m	-0,027m
263	313+310,000	83,911m	83,938m	-0,026m
264	313+320,000	83,917m	83,944m	-0,026m
265	313+330,000	83,924m	83,949m	-0,026m
266	313+340,000	83,930m	83,955m	-0,026m
267	313+350,000	83,936m	83,961m	-0,025m
268	313+360,000	83,946m	83,967m	-0,022m
269	313+370,000	83,955m	83,973m	-0,018m
270	313+380,000	83,965m	83,979m	-0,014m
271	313+390,000	83,974m	83,985m	-0,011m
272	313+400,000	83,984m	83,991m	-0,007m
273	313+410,000	83,985m	83,997m	-0,012m
274	313+420,000	83,986m	84,003m	-0,017m
275	313+430,000	83,987m	84,009m	-0,022m
276	313+440,000	83,988m	84,015m	-0,027m
277	313+450,000	83,989m	84,021m	-0,032m
278	313+460,000	83,993m	84,027m	-0,033m
279	313+470,000	83,998m	84,033m	-0,035m
280	313+480,000	84,002m	84,039m	-0,036m
281	313+490,000	84,007m	84,045m	-0,038m
282	313+500,000	84,011m	84,051m	-0,040m
283	313+510,000	84,013m	84,056m	-0,044m
284	313+520,000	84,014m	84,062m	-0,048m
285	313+530,000	84,016m	84,068m	-0,053m
286	313+540,000	84,017m	84,074m	-0,057m
287	313+550,000	84,019m	84,080m	-0,061m
288	313+560,000	84,021m	84,086m	-0,066m
289	313+570,000	84,022m	84,092m	-0,070m
290	313+580,000	84,024m	84,098m	-0,074m
291	313+590,000	84,025m	84,104m	-0,079m
292	313+600,000	84,027m	84,110m	-0,083m
293	313+600,000	84,027m	84,110m	-0,083m
294	313+610,000	84,028m	84,111m	-0,082m
295	313+620,000	84,030m	84,111m	-0,081m
296	313+630,000	84,031m	84,112m	-0,080m

297	313+640,000	84,032m	84,112m	-0,080m
298	313+647,653	84,033m	84,112m	-0,079m
299	313+650,000	84,034m	84,113m	-0,079m
300	313+660,000	84,035m	84,113m	-0,078m
301	313+670,000	84,040m	84,114m	-0,074m
302	313+680,000	84,044m	84,114m	-0,070m
303	313+680,225	84,044m	84,114m	-0,070m
304	313+690,000	84,048m	84,115m	-0,067m
305	313+700,000	84,052m	84,115m	-0,063m
306	313+710,000	84,055m	84,116m	-0,060m
307	313+712,796	84,056m	84,116m	-0,059m
308	313+720,000	84,059m	84,116m	-0,057m
309	313+730,000	84,062m	84,117m	-0,054m
310	313+740,000	84,066m	84,117m	-0,051m
311	313+750,000	84,069m	84,118m	-0,048m
312	313+760,000	84,070m	84,118m	-0,048m
313	313+770,000	84,072m	84,119m	-0,047m
314	313+780,000	84,073m	84,119m	-0,046m
315	313+790,000	84,075m	84,120m	-0,045m
316	313+800,000	84,076m	84,120m	-0,044m
317	313+810,000	84,076m	84,121m	-0,045m
318	313+820,000	84,076m	84,121m	-0,045m
319	313+830,000	84,075m	84,122m	-0,046m
320	313+840,000	84,075m	84,122m	-0,047m
321	313+850,000	84,075m	84,123m	-0,048m
322	313+860,000	84,075m	84,123m	-0,048m
323	313+870,000	84,075m	84,124m	-0,049m
324	313+880,000	84,075m	84,124m	-0,049m
325	313+890,000	84,075m	84,125m	-0,050m
326	313+900,000	84,075m	84,125m	-0,050m
327	313+910,000	84,075m	84,126m	-0,051m
328	313+920,000	84,075m	84,126m	-0,051m
329	313+930,000	84,075m	84,127m	-0,052m
330	313+940,000	84,075m	84,127m	-0,052m
331	313+950,000	84,075m	84,128m	-0,053m
332	313+960,000	84,076m	84,128m	-0,052m
333	313+970,000	84,077m	84,129m	-0,052m
334	313+980,000	84,077m	84,129m	-0,052m
335	313+990,000	84,078m	84,130m	-0,051m
336	314+000,000	84,079m	84,130m	-0,051m
337	314+010,000	84,078m	84,131m	-0,052m
338	314+020,000	84,077m	84,131m	-0,054m
339	314+030,000	84,077m	84,132m	-0,055m
340	314+040,000	84,076m	84,132m	-0,056m
341	314+050,000	84,075m	84,133m	-0,057m
342	314+060,000	84,077m	84,133m	-0,056m
343	314+070,000	84,079m	84,134m	-0,054m
344	314+080,000	84,082m	84,134m	-0,052m
345	314+090,000	84,084m	84,135m	-0,051m
346	314+100,000	84,086m	84,135m	-0,049m

347	314+110,000	84,083m	84,136m	-0,053m
348	314+120,000	84,080m	84,136m	-0,056m
349	314+130,000	84,076m	84,137m	-0,060m
350	314+140,000	84,073m	84,137m	-0,064m
351	314+150,000	84,070m	84,138m	-0,067m
352	314+160,000	84,076m	84,138m	-0,062m
353	314+170,000	84,082m	84,139m	-0,056m
354	314+180,000	84,088m	84,139m	-0,051m
355	314+190,000	84,094m	84,140m	-0,045m
356	314+200,000	84,100m	84,140m	-0,040m
357	314+200,000	84,100m	84,140m	-0,040m
358	314+210,000	84,102m	84,142m	-0,040m
359	314+220,000	84,103m	84,143m	-0,040m
360	314+230,000	84,105m	84,145m	-0,040m
361	314+240,000	84,106m	84,147m	-0,040m
362	314+250,000	84,108m	84,148m	-0,040m
363	314+260,000	84,111m	84,150m	-0,039m
364	314+270,000	84,113m	84,152m	-0,038m
365	314+280,000	84,116m	84,153m	-0,038m
366	314+290,000	84,118m	84,155m	-0,037m
367	314+300,000	84,121m	84,157m	-0,036m
368	314+310,000	84,122m	84,158m	-0,036m
369	314+320,000	84,123m	84,160m	-0,037m
370	314+330,000	84,125m	84,162m	-0,037m
371	314+340,000	84,126m	84,163m	-0,038m
372	314+350,000	84,127m	84,165m	-0,038m
373	314+360,000	84,124m	84,167m	-0,042m
374	314+366,480	84,122m	84,168m	-0,045m
375	314+370,000	84,121m	84,168m	-0,047m
376	314+380,000	84,119m	84,170m	-0,051m
377	314+390,000	84,116m	84,172m	-0,056m
378	314+399,798	84,113m	84,173m	-0,060m
379	314+400,000	84,113m	84,173m	-0,060m
380	314+410,000	84,114m	84,175m	-0,061m
381	314+420,000	84,115m	84,177m	-0,061m
382	314+430,000	84,117m	84,178m	-0,062m
383	314+433,116	84,117m	84,179m	-0,062m
384	314+440,000	84,118m	84,180m	-0,062m
385	314+450,000	84,119m	84,182m	-0,062m
386	314+460,000	84,126m	84,183m	-0,057m
387	314+470,000	84,133m	84,185m	-0,052m
388	314+480,000	84,140m	84,187m	-0,047m
389	314+490,000	84,146m	84,188m	-0,042m
390	314+500,000	84,153m	84,190m	-0,037m
391	314+500,000	84,153m	84,190m	-0,037m
392	314+510,000	84,147m	84,188m	-0,041m
393	314+520,000	84,142m	84,187m	-0,045m
394	314+530,000	84,136m	84,185m	-0,049m
395	314+540,000	84,131m	84,183m	-0,053m
396	314+550,000	84,125m	84,182m	-0,057m

397	314+560,000	84,123m	84,180m	-0,057m
398	314+570,000	84,122m	84,178m	-0,057m
399	314+580,000	84,120m	84,177m	-0,056m
400	314+590,000	84,119m	84,175m	-0,056m
401	314+600,000	84,117m	84,173m	-0,056m
402	314+610,000	84,115m	84,172m	-0,056m
403	314+620,000	84,114m	84,170m	-0,056m
404	314+630,000	84,112m	84,168m	-0,056m
405	314+640,000	84,111m	84,167m	-0,056m
406	314+650,000	84,109m	84,165m	-0,056m
407	314+660,000	84,110m	84,163m	-0,053m
408	314+670,000	84,111m	84,162m	-0,051m
409	314+680,000	84,112m	84,160m	-0,048m
410	314+690,000	84,113m	84,158m	-0,045m
411	314+700,000	84,114m	84,157m	-0,043m
412	314+710,000	84,113m	84,155m	-0,042m
413	314+720,000	84,112m	84,153m	-0,042m
414	314+730,000	84,110m	84,152m	-0,041m
415	314+740,000	84,109m	84,150m	-0,041m
416	314+750,000	84,108m	84,148m	-0,040m
417	314+760,000	84,105m	84,147m	-0,042m
418	314+770,000	84,102m	84,145m	-0,043m
419	314+780,000	84,098m	84,143m	-0,045m
420	314+790,000	84,095m	84,142m	-0,047m
421	314+800,000	84,092m	84,140m	-0,048m
422	314+800,000	84,092m	84,140m	-0,048m
423	314+810,000	84,086m	84,135m	-0,049m
424	314+820,000	84,079m	84,130m	-0,051m
425	314+830,000	84,073m	84,125m	-0,052m
426	314+840,000	84,067m	84,120m	-0,053m
427	314+850,000	84,061m	84,115m	-0,054m
428	314+860,000	84,057m	84,110m	-0,053m
429	314+870,000	84,054m	84,105m	-0,051m
430	314+880,000	84,050m	84,100m	-0,050m
431	314+890,000	84,047m	84,095m	-0,048m
432	314+900,000	84,043m	84,090m	-0,047m
433	314+910,000	84,039m	84,085m	-0,046m
434	314+920,000	84,034m	84,080m	-0,046m
435	314+930,000	84,030m	84,075m	-0,045m
436	314+940,000	84,025m	84,070m	-0,045m
437	314+950,000	84,021m	84,065m	-0,044m
438	314+960,000	84,012m	84,060m	-0,048m
439	314+970,000	84,003m	84,055m	-0,052m
440	314+980,000	83,994m	84,050m	-0,056m
441	314+990,000	83,985m	84,045m	-0,060m
442	315+000,000	83,976m	84,040m	-0,064m
443	315+010,000	83,966m	84,035m	-0,069m
444	315+020,000	83,956m	84,030m	-0,074m
445	315+030,000	83,946m	84,025m	-0,079m
446	315+040,000	83,936m	84,020m	-0,084m

447	315+050,000	83,926m	84,015m	-0,089m
448	315+060,000	83,923m	84,010m	-0,087m
449	315+070,000	83,921m	84,005m	-0,084m
450	315+080,000	83,918m	84,000m	-0,082m
451	315+090,000	83,916m	83,995m	-0,079m
452	315+100,000	83,913m	83,990m	-0,077m
453	315+110,000	83,912m	83,985m	-0,073m
454	315+120,000	83,910m	83,980m	-0,070m
455	315+130,000	83,909m	83,975m	-0,066m
456	315+140,000	83,907m	83,970m	-0,063m
457	315+150,000	83,906m	83,965m	-0,059m
458	315+160,000	83,903m	83,960m	-0,057m
459	315+170,000	83,901m	83,955m	-0,054m
460	315+180,000	83,898m	83,950m	-0,052m
461	315+190,000	83,896m	83,945m	-0,049m
462	315+200,000	83,893m	83,940m	-0,047m
463	315+200,000	83,893m	83,940m	-0,047m
464	315+210,000	83,884m	83,930m	-0,046m
465	315+220,000	83,875m	83,920m	-0,045m
466	315+230,000	83,865m	83,910m	-0,045m
467	315+240,000	83,856m	83,900m	-0,044m
468	315+250,000	83,847m	83,890m	-0,043m
469	315+260,000	83,841m	83,880m	-0,039m
470	315+270,000	83,835m	83,870m	-0,035m
471	315+280,000	83,829m	83,860m	-0,031m
472	315+290,000	83,823m	83,850m	-0,027m
473	315+300,000	83,817m	83,840m	-0,023m
474	315+310,000	83,807m	83,830m	-0,023m
475	315+320,000	83,797m	83,820m	-0,023m
476	315+330,000	83,786m	83,810m	-0,024m
477	315+340,000	83,776m	83,800m	-0,024m
478	315+350,000	83,766m	83,790m	-0,024m
479	315+360,000	83,756m	83,780m	-0,024m
480	315+370,000	83,746m	83,770m	-0,024m
481	315+380,000	83,736m	83,760m	-0,024m
482	315+390,000	83,726m	83,750m	-0,024m
483	315+400,000	83,716m	83,740m	-0,024m
484	315+410,000	83,706m	83,730m	-0,024m
485	315+417,770	83,698m	83,722m	-0,024m
486	315+420,000	83,696m	83,720m	-0,024m
487	315+430,000	83,686m	83,710m	-0,024m
488	315+440,000	83,676m	83,700m	-0,024m
489	315+449,958	83,666m	83,690m	-0,024m
490	315+450,000	83,666m	83,690m	-0,024m
491	315+460,000	83,656m	83,680m	-0,024m
492	315+470,000	83,646m	83,670m	-0,024m
493	315+480,000	83,636m	83,660m	-0,024m
494	315+482,146	83,634m	83,658m	-0,024m
495	315+490,000	83,626m	83,650m	-0,024m
496	315+500,000	83,616m	83,640m	-0,024m

497	315+510,000	83,605m	83,630m	-0,025m
498	315+520,000	83,595m	83,620m	-0,025m
499	315+530,000	83,584m	83,610m	-0,026m
500	315+540,000	83,574m	83,600m	-0,026m
501	315+550,000	83,563m	83,590m	-0,027m
502	315+560,000	83,553m	83,580m	-0,027m
503	315+570,000	83,543m	83,570m	-0,027m
504	315+580,000	83,533m	83,560m	-0,027m
505	315+590,000	83,523m	83,550m	-0,027m
506	315+600,000	83,513m	83,540m	-0,027m
507	315+600,000	83,513m	83,540m	-0,027m
508	315+610,000	83,509m	83,535m	-0,026m
509	315+620,000	83,506m	83,531m	-0,025m
510	315+630,000	83,502m	83,526m	-0,024m
511	315+640,000	83,499m	83,521m	-0,023m
512	315+650,000	83,495m	83,516m	-0,022m
513	315+660,000	83,490m	83,512m	-0,022m
514	315+670,000	83,484m	83,507m	-0,023m
515	315+680,000	83,479m	83,502m	-0,024m
516	315+690,000	83,473m	83,498m	-0,024m
517	315+700,000	83,468m	83,493m	-0,025m
518	315+710,000	83,460m	83,488m	-0,028m
519	315+720,000	83,453m	83,484m	-0,031m
520	315+730,000	83,445m	83,479m	-0,034m
521	315+740,000	83,438m	83,474m	-0,037m
522	315+750,000	83,430m	83,469m	-0,039m
523	315+760,000	83,427m	83,465m	-0,038m
524	315+770,000	83,423m	83,460m	-0,037m
525	315+780,000	83,420m	83,455m	-0,036m
526	315+790,000	83,416m	83,451m	-0,034m
527	315+800,000	83,413m	83,446m	-0,033m
528	315+810,000	83,409m	83,441m	-0,032m
529	315+820,000	83,406m	83,436m	-0,031m
530	315+830,000	83,402m	83,432m	-0,030m
531	315+840,000	83,399m	83,427m	-0,028m
532	315+850,000	83,395m	83,422m	-0,027m
533	315+860,000	83,388m	83,418m	-0,030m
534	315+870,000	83,381m	83,413m	-0,032m
535	315+880,000	83,374m	83,408m	-0,034m
536	315+890,000	83,367m	83,404m	-0,037m
537	315+900,000	83,360m	83,399m	-0,039m
538	315+910,000	83,356m	83,394m	-0,038m
539	315+920,000	83,352m	83,389m	-0,037m
540	315+930,000	83,349m	83,385m	-0,036m
541	315+940,000	83,345m	83,380m	-0,035m
542	315+950,000	83,341m	83,375m	-0,034m
543	315+960,000	83,337m	83,371m	-0,033m
544	315+970,000	83,333m	83,366m	-0,033m
545	315+980,000	83,330m	83,361m	-0,032m
546	315+990,000	83,326m	83,356m	-0,031m

547	316+000,000	83,322m	83,352m	-0,030m
548	316+010,000	83,312m	83,347m	-0,035m
549	316+020,000	83,303m	83,342m	-0,039m
550	316+025,000	83,298m	83,340m	-0,042m
551	316+030,000	83,294m	83,332m	-0,038m
552	316+040,000	83,284m	83,316m	-0,031m
553	316+050,000	83,274m	83,299m	-0,025m
554	316+060,000	83,257m	83,283m	-0,026m
555	316+070,000	83,239m	83,267m	-0,027m
556	316+080,000	83,222m	83,251m	-0,029m
557	316+090,000	83,204m	83,234m	-0,030m
558	316+100,000	83,187m	83,218m	-0,031m
559	316+110,000	83,173m	83,202m	-0,029m
560	316+120,000	83,158m	83,186m	-0,027m
561	316+130,000	83,144m	83,169m	-0,025m
562	316+140,000	83,130m	83,153m	-0,023m
563	316+150,000	83,116m	83,137m	-0,021m
564	316+160,000	83,099m	83,121m	-0,022m
565	316+170,000	83,082m	83,104m	-0,023m
566	316+180,000	83,064m	83,088m	-0,024m
567	316+190,000	83,047m	83,072m	-0,025m
568	316+200,000	83,030m	83,056m	-0,026m
569	316+210,000	83,009m	83,039m	-0,030m
570	316+220,000	82,988m	83,023m	-0,035m
571	316+230,000	82,967m	83,007m	-0,039m
572	316+240,000	82,947m	82,991m	-0,044m
573	316+250,000	82,926m	82,974m	-0,049m
574	316+260,000	82,906m	82,958m	-0,053m
575	316+270,000	82,885m	82,942m	-0,057m
576	316+280,000	82,865m	82,926m	-0,061m
577	316+290,000	82,845m	82,909m	-0,065m
578	316+300,000	82,825m	82,893m	-0,068m
579	316+310,000	82,808m	82,877m	-0,069m
580	316+320,000	82,791m	82,861m	-0,070m
581	316+330,000	82,774m	82,844m	-0,071m
582	316+340,000	82,757m	82,828m	-0,071m
583	316+350,000	82,740m	82,812m	-0,072m
584	316+360,000	82,722m	82,796m	-0,073m
585	316+370,000	82,705m	82,779m	-0,074m
586	316+380,000	82,688m	82,763m	-0,076m
587	316+390,000	82,670m	82,747m	-0,077m
588	316+400,000	82,653m	82,731m	-0,078m
589	316+410,000	82,641m	82,714m	-0,073m
590	316+420,000	82,629m	82,698m	-0,069m
591	316+425,000	82,623m	82,690m	-0,067m
592	316+430,000	82,617m	82,686m	-0,069m
593	316+440,000	82,606m	82,679m	-0,073m
594	316+450,000	82,594m	82,671m	-0,077m
595	316+460,000	82,587m	82,664m	-0,077m
596	316+470,000	82,581m	82,656m	-0,076m

597	316+480,000	82,574m	82,649m	-0,075m
598	316+490,000	82,568m	82,641m	-0,074m
599	316+500,000	82,561m	82,634m	-0,073m
600	316+510,000	82,555m	82,626m	-0,072m
601	316+520,000	82,548m	82,619m	-0,071m
602	316+530,000	82,542m	82,611m	-0,070m
603	316+540,000	82,535m	82,604m	-0,069m
604	316+550,000	82,529m	82,597m	-0,068m
605	316+560,000	82,522m	82,589m	-0,067m
606	316+570,000	82,516m	82,582m	-0,066m
607	316+580,000	82,509m	82,574m	-0,065m
608	316+590,000	82,503m	82,567m	-0,064m
609	316+600,000	82,496m	82,559m	-0,063m
610	316+610,000	82,488m	82,552m	-0,063m
611	316+620,000	82,481m	82,544m	-0,063m
612	316+630,000	82,473m	82,537m	-0,064m
613	316+640,000	82,465m	82,529m	-0,064m
614	316+650,000	82,458m	82,522m	-0,064m
615	316+660,000	82,450m	82,514m	-0,065m
616	316+670,000	82,442m	82,507m	-0,065m
617	316+680,000	82,433m	82,499m	-0,066m
618	316+690,000	82,425m	82,492m	-0,067m
619	316+700,000	82,417m	82,484m	-0,067m
620	316+710,000	82,411m	82,477m	-0,066m
621	316+720,000	82,404m	82,469m	-0,065m
622	316+730,000	82,398m	82,462m	-0,064m
623	316+740,000	82,391m	82,454m	-0,063m
624	316+750,000	82,385m	82,447m	-0,062m
625	316+760,000	82,377m	82,439m	-0,063m
626	316+770,000	82,368m	82,432m	-0,064m
627	316+780,000	82,360m	82,425m	-0,065m
628	316+790,000	82,351m	82,417m	-0,066m
629	316+800,000	82,343m	82,410m	-0,067m
630	316+810,000	82,337m	82,402m	-0,065m
631	316+820,000	82,331m	82,395m	-0,063m
632	316+830,000	82,325m	82,387m	-0,062m
633	316+840,000	82,318m	82,380m	-0,062m
634	316+847,578	82,310m	82,374m	-0,064m
635	316+850,000	82,307m	82,372m	-0,065m
636	316+860,000	82,296m	82,365m	-0,069m
637	316+870,000	82,285m	82,357m	-0,072m
638	316+880,000	82,274m	82,350m	-0,075m
639	316+881,244	82,273m	82,349m	-0,076m
640	316+890,000	82,264m	82,342m	-0,079m
641	316+900,000	82,253m	82,335m	-0,082m
642	316+910,000	82,244m	82,327m	-0,083m
643	316+914,909	82,240m	82,324m	-0,084m
644	316+920,000	82,235m	82,320m	-0,084m
645	316+930,000	82,227m	82,312m	-0,086m
646	316+940,000	82,218m	82,305m	-0,087m

647	316+950,000	82,211m	82,297m	-0,086m
648	316+960,000	82,204m	82,290m	-0,086m
649	316+970,000	82,197m	82,282m	-0,086m
650	316+980,000	82,189m	82,275m	-0,086m
651	316+981,395	82,188m	82,274m	-0,086m
652	316+990,000	82,182m	82,267m	-0,085m
653	317+000,000	82,175m	82,260m	-0,085m
654	317+000,000	82,175m	82,260m	-0,085m
655	317+010,000	82,171m	82,256m	-0,086m
656	317+015,109	82,168m	82,255m	-0,086m
657	317+020,000	82,166m	82,253m	-0,087m
658	317+030,000	82,168m	82,249m	-0,082m
659	317+040,000	82,175m	82,246m	-0,071m
660	317+048,823	82,186m	82,243m	-0,057m
661	317+050,000	82,188m	82,242m	-0,054m
662	317+060,000	82,204m	82,239m	-0,034m