

No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle
1	1041960,381	973230,872	1597,565	2	35	1041874,148	973208,993	1583,650	3
2	1041960,525	973231,899	1597,613	1	36	1041876,193	973202,724	1583,200	2
3	1041961,118	973232,173	1597,584	3	37	1041876,110	973182,732	1577,018	2
4	1041961,867	973232,090	1597,575	2	38	1041873,405	973150,873	1575,404	3
5	1041962,317	973231,772	1597,601	2	39	1041873,164	973150,735	1576,363	3
6	1041962,195	973230,377	1597,628	1	40	1041873,316	973135,292	1574,867	3
7	1041960,381	973230,872	1597,565	2	41	1041919,229	973228,824	1588,140	2
8	1041978,519	973243,179	1598,517	2	42	1041918,751	973222,422	1587,583	1
9	1041972,063	973246,202	1598,294	3	43	1041918,041	973213,576	1586,696	1
10	1041961,448	973223,388	1597,630	1	44	1041923,515	973250,182	1589,457	3
11	1041850,718	973224,354	1587,855	2	45	1041922,344	973242,590	1588,876	2
12	1041844,396	973238,398	1588,558	3	46	1041920,291	973231,221	1588,054	2
13	1041861,279	973233,887	1587,959	1	47	1041902,862	973232,871	1587,874	3
14	1041856,585	973244,315	1588,481	3	48	1041902,856	973236,901	1587,962	3
15	1041844,396	973238,398	1588,600	2	49	1041903,395	973248,459	1588,853	3
16	1041856,585	973244,315	1588,481	1	50	1041901,996	973210,808	1586,142	1
17	1041862,932	973252,844	1588,421	2	51	1041902,043	973221,717	1586,820	1
18	1041862,575	973257,254	1588,630	1	52	1041902,412	973230,094	1587,426	3
19	1041864,421	973253,757	1588,442	3	53	1041920,069	973230,495	1587,996	1
20	1041864,918	973248,817	1588,161	3	54	1041917,829	973230,772	1588,450	1
21	1041862,932	973252,844	1588,421	1	55	1041906,164	973231,914	1588,160	1
22	1041850,718	973224,354	1587,855	2	56	1041902,693	973232,290	1587,644	2
23	1041853,989	973217,619	1587,608	3	57	1041902,554	973231,102	1587,552	2
24	1041855,449	973231,057	1588,016	3	58	1041906,054	973230,797	1588,156	3
25	1041856,843	973227,692	1587,936	1	59	1041917,586	973229,642	1588,427	3
26	1041850,718	973224,354	1587,855	1	60	1041919,942	973229,415	1587,942	3
27	1041855,449	973231,057	1588,016	3	61	1041961,326	973204,195	1598,372	3
28	1041861,279	973233,887	1587,959	3	62	1041960,592	973211,546	1597,259	2
29	1041856,585	973244,315	1588,481	1	63	1041958,698	973204,107	1598,300	2
30	1041858,937	973245,249	1588,154	1	64	1041957,522	973214,731	1597,004	2
31	1041863,611	973235,125	1587,970	2	65	1041902,782	973181,674	1583,716	3
32	1041861,279	973233,887	1587,959	2	66	1041902,715	973183,702	1583,742	2
33	1041856,585	973244,315	1588,481	2	67	1041904,714	973183,814	1583,759	2
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

34	1041874,081	973222,408	1585,599	1	68	1041904,824	973181,852	1583,759	1
69	1041902,782	973181,674	1583,716	1	103	1041949,775	973239,187	1596,895	2
70	1041876,246	973178,351	1578,134	2	104	1041949,525	973244,738	1596,508	2
71	1041876,292	973178,367	1578,114	3	105	1041949,119	973254,807	1598,670	2
72	1041876,246	973178,351	1578,134	3	106	1041946,416	973264,343	1597,660	2
73	1041877,306	973179,929	1578,295	2	107	1041946,323	973274,589	1598,051	2
74	1041876,292	973178,367	1578,114	3	108	1041947,096	973285,655	1597,690	2
75	1041877,417	973179,799	1578,294	2	109	1041947,562	973296,407	1597,599	3
76	1041877,125	973181,289	1578,313	3	110	1041947,877	973307,236	1597,279	2
77	1041876,506	973182,555	1578,295	1	111	1041947,804	973316,124	1596,652	1
78	1041876,875	973182,591	1578,285	3	112	1041934,916	973221,503	1587,853	3
79	1041876,875	973182,591	1578,285	1	113	1041934,164	973211,790	1587,597	1
80	1041877,402	973181,290	1578,383	3	114	1041933,436	973202,250	1587,281	2
81	1041877,306	973179,929	1578,295	3	115	1041932,588	973193,050	1587,010	2
82	1041877,125	973181,289	1578,313	2	116	1041931,982	973182,346	1587,265	2
83	1041877,402	973181,290	1578,383	3	117	1041930,798	973168,501	1587,353	2
84	1041877,417	973179,799	1578,294	3	118	1041929,759	973154,906	1587,012	3
85	1041877,306	973179,929	1578,295	1	119	1041928,531	973143,153	1586,523	3
86	1041926,180	973181,509	1584,348	1	120	1041927,883	973132,768	1586,102	3
87	1041927,424	973181,040	1584,358	2	121	1041961,396	973255,988	1598,858	2
88	1041927,490	973180,897	1584,374	3	122	1041957,540	973260,065	1598,372	3
89	1041926,180	973181,509	1584,348	1	123	1041955,232	973267,453	1597,693	2
90	1041926,474	973182,861	1584,407	3	124	1041954,309	973274,500	1597,697	2
91	1041926,305	973182,878	1584,390	1	125	1041953,638	973282,829	1597,506	2
92	1041925,996	973181,207	1584,333	2	126	1041953,370	973290,037	1597,264	3
93	1041926,180	973181,509	1584,348	3	127	1041953,515	973297,717	1597,006	3
94	1041938,849	973145,638	1587,381	2	128	1041953,679	973304,699	1596,673	3
95	1041937,247	973163,278	1588,943	1	129	1041953,860	973311,865	1596,437	2
96	1041939,072	973172,372	1589,464	2	130	1041947,556	973171,358	1589,996	2
97	1041941,381	973181,770	1590,416	3	131	1041947,978	973175,391	1590,137	3
98	1041943,672	973191,182	1591,555	3	132	1041948,862	973183,466	1590,905	1
99	1041946,034	973199,892	1592,422	3	133	1041950,725	973192,761	1591,773	3
100	1041949,466	973211,104	1593,586	2	134	1041951,490	973195,958	1591,955	2
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

101	1041950,765	973221,704	1594,841	1	135	1041951,528	973198,718	1592,469	2
102	1041950,432	973232,444	1596,189	1	136	1041953,378	973203,840	1593,014	2
137	1041954,034	973208,865	1593,178	3	171	1041931,932	973212,439	1586,430	2
138	1041954,168	973215,455	1594,038	2	172	1041934,127	973222,920	1587,396	3
139	1041954,637	973223,024	1595,209	3	173	1041938,601	973237,681	1589,119	2
140	1041954,955	973229,871	1596,354	2	174	1041939,747	973243,399	1589,875	2
141	1041941,900	973131,777	1586,395	3	175	1041917,091	973132,028	1579,741	1
142	1041942,535	973139,241	1586,904	2	176	1041919,038	973143,084	1580,699	2
143	1041942,575	973146,439	1587,342	1	177	1041921,209	973155,274	1581,680	1
144	1041942,380	973155,082	1588,118	2	178	1041923,616	973168,164	1582,753	1
145	1041942,624	973163,035	1588,792	3	179	1041925,852	973180,063	1583,770	3
146	1041944,442	973170,189	1589,367	1	180	1041950,330	973316,403	1595,711	1
147	1041946,491	973335,403	1594,767	3	181	1041949,773	973308,293	1596,407	3
148	1041946,512	973325,716	1594,449	1	182	1041949,669	973299,027	1596,800	1
149	1041946,346	973316,131	1594,253	3	183	1041949,759	973290,581	1597,026	1
150	1041946,069	973305,444	1593,566	3	184	1041949,752	973279,690	1597,457	1
151	1041945,297	973295,738	1593,059	3	185	1041950,542	973267,270	1597,639	2
152	1041944,330	973286,168	1592,296	3	186	1041952,947	973255,284	1598,323	2
153	1041943,465	973275,796	1592,143	3	187	1041955,743	973248,952	1598,173	2
154	1041942,833	973265,325	1592,299	3	188	1041955,706	973236,400	1596,993	3
155	1041943,509	973256,743	1591,103	2	189	1041956,205	973225,334	1596,844	1
156	1041943,411	973247,779	1591,009	1	190	1041957,522	973214,731	1597,004	3
157	1041941,423	973227,201	1588,439	3	191	1041964,037	973253,264	1599,105	2
158	1041942,399	973217,165	1587,847	3	192	1041959,902	973253,139	1598,465	3
159	1041942,567	973205,803	1587,451	3	193	1041959,336	973251,830	1598,277	1
160	1041940,667	973195,393	1587,316	2	194	1041963,429	973255,687	1599,208	3
161	1041938,599	973184,037	1587,236	1	195	1041958,406	973255,714	1598,475	2
162	1041937,464	973174,249	1587,117	1	196	1041956,647	973256,418	1598,484	2
163	1041935,964	973165,351	1586,923	2	197	1041983,449	973254,298	1599,402	3
164	1041936,156	973158,829	1586,742	2	198	1041975,793	973251,577	1598,859	3
165	1041937,100	973148,432	1586,590	3	199	1041968,976	973249,508	1598,318	3
166	1041936,800	973143,812	1586,497	2	200	1041963,625	973249,031	1598,037	2
167	1041927,853	973183,263	1584,166	1	201	1041960,449	973250,204	1598,118	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

168	1041927,179	973186,454	1584,396	2	202	1041959,336	973251,830	1598,277	3
169	1041928,793	973195,698	1585,148	1	203	1041956,647	973256,418	1598,484	1
170	1041930,501	973204,811	1585,852	2	204	1041955,753	973258,400	1598,324	1
205	1041954,226	973263,945	1597,730	3	239	1041882,547	973164,920	1577,587	3
206	1041953,304	973271,045	1597,609	1	240	1041881,563	973149,903	1576,286	3
207	1041952,962	973278,596	1597,536	2	241	1041880,492	973135,188	1574,736	1
208	1041952,808	973285,252	1597,407	2	242	1041864,045	973219,305	1585,151	1
209	1041952,624	973293,136	1597,050	1	243	1041872,692	973226,257	1585,929	3
210	1041952,685	973300,826	1596,734	3	244	1041876,865	973229,793	1586,369	2
211	1041953,022	973308,724	1596,405	1	245	1041877,118	973135,120	1574,899	3
212	1041953,046	973317,046	1595,837	1	246	1041878,166	973150,240	1576,778	1
213	1041960,592	973211,546	1597,259	2	247	1041878,794	973164,585	1577,946	3
214	1041959,534	973221,791	1597,073	2	248	1041879,562	973177,712	1579,240	2
215	1041958,638	973230,384	1596,880	2	249	1041879,990	973191,445	1581,447	1
216	1041959,316	973238,874	1597,398	3	250	1041879,643	973202,297	1582,938	3
217	1041965,213	973244,331	1597,971	2	251	1041879,130	973214,911	1584,484	2
218	1041966,885	973246,110	1598,145	3	252	1041879,574	973227,275	1586,203	3
219	1598,485	1041972,183	973247,702	2	253	1041879,271	973227,432	1586,218	2
220	1041979,247	973250,320	1599,099	1	254	1041867,084	973218,193	1585,136	3
221	1041988,011	973253,310	1599,384	1	255	1041947,521	973173,460	1589,876	2
222	1041883,206	973292,793	1596,407	3	256	1041948,074	973178,991	1590,128	1
223	1041884,425	973285,578	1594,658	3	257	1041949,226	973185,723	1590,860	2
224	1041885,390	973278,578	1593,063	3	258	1041950,629	973192,626	1591,581	1
225	1041886,388	973269,005	1591,257	1	259	1041951,490	973195,958	1591,955	2
226	1041887,093	973258,967	1589,577	1	260	1041951,330	973198,694	1592,180	2
227	1041887,499	973253,442	1588,820	3	261	1041953,500	973204,755	1592,828	2
228	1041884,302	973253,164	1588,931	1	262	1041881,247	973135,172	1574,635	3
229	1041884,268	973258,081	1589,468	1	263	1041881,754	973144,487	1575,629	1
230	1041883,777	973266,504	1590,886	3	264	1041883,165	973163,237	1577,367	2
231	1041883,032	973275,093	1592,426	1	265	1041883,736	973172,843	1578,330	2
232	1041881,734	973284,313	1594,352	1	266	1041883,902	973182,735	1579,662	2
233	1041880,357	973292,307	1596,281	2	267	1041884,166	973192,747	1581,112	2
234	1041884,067	973228,013	1586,398	1	268	1041884,423	973203,292	1582,615	3
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

235	1041883,991	973218,062	1584,736	1	269	1041884,572	973213,097	1583,971	2
236	1041883,700	973202,654	1582,649	3	270	1041884,464	973223,276	1585,374	1
237	1041883,505	973191,225	1580,910	2	271	1041889,458	973331,117	1594,792	1
238	1041883,130	973177,661	1578,998	3	272	1041889,568	973317,225	1593,667	1
273	1041889,749	973299,871	1592,316	2	307	1041904,307	973271,235	1590,409	1
274	1041890,029	973279,916	1590,700	1	308	1041904,192	973280,844	1591,122	3
275	1041890,263	973259,863	1589,182	2	309	1041904,049	973292,869	1591,942	3
276	1041890,408	973244,123	1588,136	3	310	1041904,088	973300,117	1592,357	3
277	1041890,707	973229,047	1587,030	2	311	1041904,307	973302,477	1592,488	1
278	1041890,873	973213,503	1585,710	1	312	1041904,892	973307,297	1592,744	1
279	1041891,092	973197,020	1584,423	2	313	1041905,279	973309,658	1592,897	2
280	1041891,270	973180,733	1583,072	3	314	1041905,808	973312,011	1593,008	2
281	1041891,146	973164,973	1581,816	2	315	1041906,488	973314,356	1593,113	2
282	1041891,128	973150,495	1580,695	3	316	1041907,364	973316,594	1593,232	3
283	1041890,893	973135,975	1579,503	1	317	1041908,368	973318,810	1593,326	2
284	1041927,798	973182,769	1583,782	1	318	1041909,600	973320,832	1593,420	1
285	1041926,608	973186,034	1584,082	2	319	1041911,253	973322,616	1593,500	3
286	1041929,720	973202,557	1585,473	2	320	1041913,364	973323,810	1593,619	2
287	1041932,525	973217,776	1586,734	3	321	1041915,629	973324,604	1593,637	3
288	1041935,823	973235,299	1588,287	2	322	1041918,045	973324,764	1593,619	2
289	1041938,581	973251,123	1589,705	1	323	1041920,350	973324,352	1593,590	2
290	1041940,758	973263,502	1590,711	1	324	1041922,608	973323,319	1593,557	3
291	1041945,108	973302,527	1593,294	1	325	1041924,468	973321,993	1593,453	2
292	1041945,594	973314,845	1593,839	1	326	1041925,895	973319,884	1593,427	1
293	1041945,890	973326,027	1594,334	2	327	1041927,058	973317,786	1593,340	3
294	1041946,102	973337,296	1594,697	2	328	1041928,065	973315,513	1593,245	2
295	1041916,963	973132,969	1579,648	1	329	1041928,840	973313,152	1593,133	3
296	1041919,745	973148,829	1580,965	2	330	1041929,462	973310,863	1593,053	3
297	1041923,032	973166,714	1582,480	2	331	1041929,874	973308,316	1592,894	2
298	1041925,780	973181,279	1583,703	2	332	1041930,125	973303,516	1592,654	1
299	1041903,770	973183,785	1583,401	2	333	1041930,320	973299,467	1592,466	2
300	1041901,753	973188,241	1584,012	1	334	1041930,180	973296,069	1592,250	1
301	1041901,488	973206,826	1585,459	1	335	1041928,507	973279,349	1591,102	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

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Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

302	1041901,570	973214,921	1586,148	3	336	1041927,166	973269,685	1590,447	1
303	1041901,849	973222,670	1586,767	2	337	1041925,652	973259,755	1589,844	1
304	1041902,349	973230,774	1587,323	2	338	1041922,650	973243,262	1588,684	1
305	1041902,748	973239,181	1588,004	3	339	1041920,335	973230,745	1587,793	2
306	1041903,601	973256,870	1589,306	3	340	1041920,080	973229,062	1587,624	1
341	1041919,939	973226,686	1587,540	1	375	1041901,077	973210,423	1585,796	2
342	1041918,365	973213,696	1586,536	3	376	1041901,617	973226,804	1587,110	1
343	1041916,431	973197,770	1585,238	3	377	1041902,658	973245,875	1588,600	2
344	1041914,373	973180,746	1583,800	3	378	1041903,888	973270,326	1590,458	1
345	1041913,246	973173,623	1583,171	2	379	1041903,617	973295,203	1592,185	2
346	1041909,261	973151,955	1581,394	2	380	1041903,648	973300,099	1592,451	3
347	1041906,349	973135,231	1579,931	3	381	1041904,176	973304,946	1592,763	2
348	1041901,291	973135,289	1579,733	2	382	1041904,890	973309,765	1593,005	2
349	1041901,697	973163,363	1582,026	1	383	1041906,003	973314,275	1593,208	2
350	1041901,838	973180,130	1583,330	3	384	1041907,506	973317,969	1593,384	1
351	1041902,754	973181,820	1583,416	1	385	1041908,692	973320,242	1593,484	2
352	1041945,056	973337,136	1594,869	2	386	1041910,923	973322,872	1593,583	3
353	1041944,952	973326,044	1594,488	1	387	1041913,488	973324,368	1593,707	3
354	1041944,584	973314,868	1594,049	2	388	1041916,531	973325,205	1593,744	2
355	1041944,026	973302,797	1593,434	3	389	1041919,307	973325,080	1593,714	1
356	1041939,824	973263,609	1590,832	1	390	1041922,003	973324,218	1593,656	2
357	1041937,303	973248,356	1589,572	1	391	1041924,574	973322,486	1593,580	1
358	1041934,145	973230,667	1587,945	2	392	1041926,170	973320,490	1593,489	2
359	1041931,103	973214,401	1586,517	3	393	1041927,599	973317,780	1593,380	3
360	1041927,961	973198,055	1585,196	3	394	1041928,824	973314,855	1593,248	2
361	1041924,144	973177,442	1583,491	1	395	1041929,749	973311,857	1593,116	3
362	1041921,064	973160,843	1582,046	1	396	1041930,270	973308,990	1592,973	1
363	1041918,242	973145,245	1581,070	3	397	1041930,501	973305,879	1592,821	1
364	1041916,126	973133,028	1579,680	1	398	1041930,694	973302,275	1592,622	1
365	1041936,004	973331,494	1594,439	2	399	1041930,808	973299,024	1592,475	1
366	1041933,164	973331,594	1594,386	1	400	1041930,607	973295,145	1592,234	3
367	1041927,999	973335,081	1594,545	1	401	1041930,023	973288,768	1591,824	1
368	1041921,340	973337,330	1594,646	2	402	1041928,634	973276,670	1590,974	2
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

369	1041913,611	973337,289	1594,694	1	403	1041926,444	973262,160	1590,025	3
370	1041905,419	973334,125	1594,601	2	404	1041924,439	973250,275	1589,184	1
371	1041901,453	973327,611	1594,249	3	405	1041921,777	973236,058	1588,220	3
372	1041900,005	973329,593	1594,410	3	406	1041920,725	973229,112	1587,766	3
373	1041899,554	973334,605	1594,745	3	407	1041918,944	973214,343	1586,634	2
374	1041901,211	973197,735	1584,784	1	408	1041917,197	973200,108	1585,479	1
409	1041915,483	973185,624	1584,234	2	443	1041891,912	973152,314	1580,915	2
410	1041914,743	973179,682	1583,725	1	444	1041892,153	973168,784	1582,242	2
411	1041912,926	973168,576	1582,800	2	445	1041892,234	973183,546	1583,429	3
412	1041906,880	973135,340	1579,995	1	446	1041892,033	973199,487	1584,731	1
413	1041909,791	973151,793	1581,374	2	447	1041891,744	973218,306	1586,218	1
414	1041912,926	973168,576	1582,800	1	448	1041891,508	973236,168	1587,574	3
415	1041916,676	973185,937	1584,283	1	449	1041891,271	973253,565	1588,863	1
416	1041920,089	973204,026	1585,788	1	450	1041890,952	973279,898	1590,854	3
417	1041923,063	973220,116	1587,089	3	451	1041890,693	973299,903	1592,508	1
418	1041926,164	973236,978	1588,354	3	452	1041890,425	973321,422	1594,137	2
419	1041929,096	973253,708	1589,642	1	453	1041890,246	973331,424	1594,950	1
420	1041931,719	973271,260	1590,884	2	454	1041888,032	973183,468	1583,062	1
421	1041933,015	973280,233	1591,547	1	455	1041884,658	973202,944	1582,004	3
422	1041934,001	973290,360	1592,198	2	456	1041887,001	973136,580	1578,390	3
423	1041934,603	973299,922	1592,756	2	457	1041946,069	973305,444	1593,566	3
424	1041935,299	973311,227	1593,406	3	458	1041961,867	973232,090	1597,575	2
425	1041935,819	973321,454	1593,973	3	459	1041923,616	973168,164	1582,753	1
426	1041936,004	973331,494	1594,439	3	460	1041950,629	973192,626	1591,581	3
427	1041899,554	973334,605	1594,745	2	461	1041925,895	973319,884	1593,427	2
428	1041899,532	973331,470	1594,553	1	462	1041890,408	973244,123	1588,136	3
429	1041899,358	973327,250	1594,253	1	463	1041940,758	973263,502	1590,711	1
430	1041899,546	973313,296	1593,366	2	464	1041874,148	973208,993	1583,650	3
431	1041899,622	973297,298	1592,311	3	465	1041935,819	973321,454	1593,973	2
432	1041899,786	973282,108	1591,238	1	466	1041902,782	973181,674	1583,716	1
433	1041900,054	973266,225	1590,074	2	467	1041926,164	973236,978	1588,354	1
434	1041900,200	973248,581	1588,727	1	468	1041890,246	973331,424	1594,959	3
435	1041900,387	973232,030	1587,492	3	469	1041901,574	973134,602	1579,890	2
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
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436	1041900,487	973218,207	1586,432	2	470	1041901,453	973327,611	1594,249	1
437	1041901,211	973197,735	1584,784	3	471	1041914,212	973182,472	1584,138	1
438	1041901,425	973180,245	1583,385	1	472	1041892,033	973199,487	1584,731	2
439	1041901,364	973169,050	1582,475	2	473	1041903,022	973165,152	1582,948	1
440	1041901,113	973153,236	1581,233	3	474	1041975,793	973251,577	1598,859	1
441	1041900,901	973135,482	1579,832	2	475	1041923,571	973255,061	1590,429	2
442	1041891,683	973135,602	1579,583	2	476	1041949,759	973290,581	1597,026	1
477	1041926,124	973281,284	1592,307	3	511	1041872,595	973242,358	1587,942	1
478	1041956,647	973256,418	1598,484	1	512	1041876,719	973160,610	1577,624	3
479	1041908,013	973273,407	1591,437	2	513	1041887,872	973228,156	1587,090	3
480	1041883,032	973275,093	1592,426	1	514	1041957,540	973260,065	1598,372	1
481	1041910,237	973300,153	1593,445	1	515	1041935,964	973165,351	1586,923	1
482	1041888,027	973251,749	1588,743	2	516	1041944,442	973170,189	1589,367	1
483	1041890,297	973202,171	1585,423	2	517	1041947,521	973173,460	1589,876	3
484	1041890,292	973221,720	1586,634	3	518	1041891,146	973164,973	1581,816	2
485	1041953,378	973203,840	1593,014	2	519	1041881,754	973144,487	1575,629	3
486	1041943,411	973247,779	1591,009	2	520	1041904,049	973292,869	1591,942	2
487	1041936,800	973143,812	1586,497	3	521	1041916,963	973132,969	1579,648	1
488	1041931,932	973212,439	1586,430	3	522	1041933,436	973202,250	1587,281	2
489	1041901,849	973222,670	1586,767	3	523	1041949,466	973211,104	1593,586	2
490	1041918,045	973324,764	1593,619	2	524	1041900,054	973266,225	1590,074	1
491	1041906,488	973314,356	1593,113	3	525	1041934,145	973230,667	1587,945	2
492	1041930,125	973303,516	1592,654	1	526	1041921,064	973160,843	1582,046	3
493	1041928,531	973143,153	1586,523	2	527	1041928,824	973314,855	1593,248	2
494	1041938,849	973145,638	1587,381	3	528	1041901,996	973210,808	1586,142	1
495	1041855,449	973231,057	1588,016	2	529	1041901,935	973200,228	1585,111	3
496	1041928,634	973276,670	1590,974	3	530	1041927,490	973180,897	1584,374	3
497	1041900,005	973329,593	1594,410	1	531	1041904,770	973238,929	1588,793	1
498	1041935,180	973134,100	1585,839	1	532	1041877,402	973181,290	1578,383	2
499	1041919,307	973325,080	1593,714	2	533	1041914,807	973217,400	1587,315	2
500	1041966,176	973235,971	1597,833	2	534	1041968,976	973249,508	1598,318	2
501	1041891,271	973253,565	1588,863	3	535	1041918,156	973255,650	1590,212	2
502	1041903,049	973144,131	1581,361	3	536	1041879,990	973191,445	1581,447	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle



## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
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503	1041965,213	973244,331	1597,971	3	537	1041906,148	973312,147	1593,240	2
504	1041920,368	973237,727	1589,181	3	538	1041879,271	973227,432	1586,218	3
505	1041926,474	973182,861	1584,407	1	539	1041927,496	973307,605	1593,877	1
506	1041902,568	973228,011	1587,335	1	540	1041877,889	973202,616	1583,254	3
507	1041956,205	973225,334	1596,844	3	541	1041889,843	973171,280	1583,319	3
508	1041903,820	973256,922	1589,444	3	542	1041953,679	973304,699	1596,673	2
509	1041879,574	973227,275	1586,203	2	543	1041920,069	973230,495	1587,996	2
510	1041923,526	973322,439	1593,649	1	544	1041951,695	973196,340	1592,253	2
545	1041964,265	973252,391	1599,176	1	579	1041925,652	973259,755	1589,844	2
546	1041962,195	973230,377	1597,628	3	580	1041876,193	973202,724	1583,200	1
547	1041884,572	973213,097	1583,971	2	581	1041936,004	973331,494	1594,439	2
548	1041928,840	973313,152	1593,133	2	582	1041864,918	973248,817	1588,161	3
549	1041914,373	973180,746	1583,800	3	583	1041900,200	973248,581	1588,727	2
550	1041920,080	973229,062	1587,624	3	584	1041904,176	973304,946	1592,763	1
551	1041949,525	973244,738	1596,508	2	585	1041935,475	973231,942	1588,144	1
552	1041899,546	973313,296	1593,366	1	586	1041913,611	973337,289	1594,694	1
553	1041924,144	973177,442	1583,491	1	587	1041932,412	973139,531	1586,137	2
554	1041916,676	973185,937	1584,283	1	588	1041901,211	973197,735	1584,784	1
555	1041903,888	973270,326	1590,458	1	589	1041902,094	973165,116	1582,356	3
556	1041901,876	973156,100	1581,626	1	590	1041959,534	973221,791	1597,073	1
557	1041947,856	973281,607	1597,856	2	591	1041922,173	973246,324	1589,841	2
558	1041903,852	973188,019	1584,740	1	592	1041952,808	973285,252	1597,407	2
559	1041901,113	973153,236	1581,233	3	593	1041928,311	973281,054	1591,338	2
560	1041906,793	973173,618	1583,754	3	594	1041955,743	973248,952	1598,173	1
561	1041902,856	973236,901	1587,962	2	595	1041909,634	973265,252	1590,772	2
562	1041916,273	973199,579	1585,574	3	596	1041881,734	973284,313	1594,352	1
563	1041949,773	973308,293	1596,407	3	597	1041904,285	973291,898	1592,064	3
564	1041923,597	973290,655	1592,818	3	598	1041880,436	973252,324	1588,608	1
565	1041881,563	973149,903	1576,286	3	599	1041889,510	973202,355	1585,903	1
566	1041919,337	973323,061	1594,449	3	600	1041889,199	973221,849	1587,374	2
567	1041884,302	973253,164	1588,931	2	601	1041954,034	973208,865	1593,178	1
568	1041928,464	973298,809	1593,337	1	602	1041939,747	973243,399	1589,875	1
569	1041882,564	973232,585	1587,060	1	603	1041941,900	973131,777	1586,395	2
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

570	1041884,161	973183,064	1579,075	1	604	1041934,127	973222,920	1587,396	3
571	1041890,462	973211,830	1586,069	2	605	1041891,092	973197,020	1584,423	1
572	1041887,597	973147,016	1579,506	2	606	1041890,263	973259,863	1589,182	3
573	1041945,297	973295,738	1593,059	1	607	1041905,808	973312,011	1593,008	2
574	1041961,118	973232,173	1597,584	3	608	1041946,323	973274,589	1598,051	1
575	1041925,852	973180,063	1583,770	3	609	1041929,759	973154,906	1587,012	2
576	1041949,226	973185,723	1590,860	3	610	1041937,247	973163,278	1588,943	3
577	1041924,468	973321,993	1593,453	3	611	1041856,843	973227,692	1587,936	3
578	1041913,364	973323,810	1593,619	3	612	1041939,824	973263,609	1590,832	2
613	1041908,692	973320,242	1593,484	3	647	1041903,569	973227,905	1587,921	2
614	1041930,086	973134,708	1586,055	3	648	1041876,875	973182,591	1578,285	1
615	1041933,164	973331,594	1594,386	3	649	1041910,636	973210,014	1586,618	3
616	1041964,423	973232,014	1597,632	2	650	1041880,357	973292,307	1596,281	3
617	1041902,658	973245,875	1588,600	2	651	1041904,291	973300,593	1592,588	3
618	1041902,993	973156,045	1582,189	3	652	1041879,562	973177,712	1579,240	3
619	1041979,247	973250,320	1599,099	3	653	1041910,396	973319,277	1594,291	2
620	1041918,794	973227,594	1588,356	3	654	1041876,865	973229,793	1586,369	3
621	1041876,292	973178,367	1578,114	1	655	1041926,856	973317,538	1593,570	1
622	1041902,157	973218,484	1586,665	2	656	1041877,777	973209,331	1583,891	1
623	1041959,902	973253,139	1598,465	1	657	1041887,852	973171,270	1582,185	1
624	1041903,667	973248,072	1588,818	3	658	1041953,860	973311,865	1596,437	2
625	1041883,991	973218,062	1584,736	1	659	1041890,492	973136,327	1579,712	2
626	1041912,285	973322,861	1593,780	1	660	1041951,528	973198,718	1592,469	1
627	1041867,125	973245,090	1588,060	1	661	1041958,698	973204,107	1598,300	2
628	1041877,519	973169,649	1578,272	2	662	1041967,469	973251,128	1598,486	1
629	1041884,939	973227,087	1586,464	3	663	1041884,464	973223,276	1585,374	1
630	1041955,232	973267,453	1597,693	2	664	1041928,065	973315,513	1593,245	3
631	1041906,054	973230,797	1588,156	3	665	1041925,780	973181,279	1583,703	3
632	1041947,556	973171,358	1589,996	1	666	1041935,823	973235,299	1588,287	1
633	1041946,102	973337,296	1594,697	3	667	1041949,119	973254,807	1598,670	3
634	1041903,770	973183,785	1583,401	3	668	1041934,603	973299,922	1592,756	1
635	1041883,165	973163,237	1577,367	2	669	1041944,026	973302,797	1593,434	1
636	1041904,192	973280,844	1591,122	1	670	1041920,089	973204,026	1585,788	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
en km 48+500 de la via Bogota-Villeta

637	1041906,349	973135,231	1579,931	1	671	1041890,693	973299,903	1592,508	1
638	1041934,164	973211,790	1587,597	2	672	1041907,330	973143,179	1580,966	3
639	1041950,765	973221,704	1594,841	3	673	1041948,234	973297,700	1597,640	3
640	1041931,719	973271,260	1590,884	3	674	1041909,508	973183,111	1584,693	3
641	1041920,725	973229,112	1587,766	2	675	1041892,153	973168,784	1582,242	2
642	1041912,926	973168,576	1582,800	2	676	1041910,520	973165,335	1583,409	1
643	1041929,749	973311,857	1593,116	1	677	1041920,291	973231,221	1588,054	1
644	1041951,479	973245,503	1597,872	3	678	1041915,408	973192,115	1584,913	3
645	1041903,336	973192,547	1584,946	1	679	1041953,022	973308,724	1596,405	3
646	1041927,424	973181,040	1584,358	1	680	1041911,713	973283,791	1592,343	2
681	1041877,118	973135,120	1574,899	1	715	1041871,505	973229,880	1587,846	3
682	1041919,833	973308,632	1593,966	1	716	1041887,270	973221,663	1586,696	2
683	1041887,499	973253,442	1588,820	2	717	1041954,168	973215,455	1594,038	2
684	1041915,702	973318,036	1594,356	1	718	1041940,667	973195,393	1587,316	2
685	1041887,797	973238,800	1587,813	3	719	1041942,535	973139,241	1586,904	1
686	1041890,742	973192,534	1584,405	2	720	1041941,423	973227,201	1588,439	3
687	1041889,428	973212,043	1586,597	3	721	1041901,570	973214,921	1586,148	3
688	1041884,189	973148,132	1577,435	1	722	1041915,629	973324,604	1593,637	1
689	1041944,330	973286,168	1592,296	1	723	1041905,279	973309,658	1592,897	3
690	1041960,525	973231,899	1597,613	1	724	1041947,096	973285,655	1597,690	1
691	1041927,853	973183,263	1584,166	2	725	1041930,798	973168,501	1587,353	2
692	1041902,748	973239,181	1588,004	2	726	1041939,072	973172,372	1589,464	3
693	1041889,749	973299,871	1592,316	1	727	1041850,718	973224,354	1587,855	3
694	1041911,253	973322,616	1593,500	2	728	1041926,444	973262,160	1590,025	3
695	1041927,166	973269,685	1590,447	3	729	1041905,419	973334,125	1594,601	1
696	1041873,316	973135,292	1574,867	3	730	1041941,504	973138,863	1586,637	3
697	1041945,056	973337,136	1594,869	2	731	1041922,003	973324,218	1593,656	2
698	1041862,932	973252,844	1588,421	3	732	1041962,750	973237,251	1597,664	3
699	1041929,096	973253,708	1589,642	1	733	1041902,412	973230,094	1587,426	2
700	1041904,890	973309,765	1593,005	3	734	1041910,080	973199,869	1585,837	3
701	1041936,958	973239,202	1588,892	1	735	1041972,183	973247,702	1598,485	1
702	1041913,488	973324,368	1593,707	3	736	1041915,174	973238,278	1588,889	2
703	1041971,338	973245,685	1598,320	3	737	1041876,246	973178,351	1578,134	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

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704	1041891,744	973218,306	1586,218	1	738	1041902,993	973218,488	1587,161	2
705	1041909,641	973155,990	1581,923	2	739	1041959,336	973251,830	1598,277	1
706	1041983,449	973254,298	1599,402	3	740	1041905,223	973256,726	1590,164	2
707	1041924,407	973254,833	1589,688	1	741	1041879,130	973214,911	1584,484	1
708	1041949,752	973279,690	1597,457	3	742	1041918,241	973324,511	1593,760	2
709	1041927,115	973271,785	1590,780	1	743	1041873,802	973235,625	1587,748	2
710	1041958,406	973255,714	1598,475	1	744	1041878,928	973177,517	1579,138	3
711	1041905,968	973273,656	1591,402	2	745	1041888,656	973231,819	1587,263	3
712	1041886,388	973269,005	1591,257	1	746	1041954,309	973274,500	1597,697	1
713	1041905,745	973300,499	1593,301	1	747	1041906,164	973231,914	1588,160	2
714	1041879,486	973256,551	1589,174	1	748	1041947,978	973175,391	1590,137	1
749	1041945,890	973326,027	1594,334	3	783	1041946,416	973264,343	1597,660	2
750	1041891,128	973150,495	1580,695	2	784	1041899,358	973327,250	1594,253	1
751	1041883,736	973172,843	1578,330	2	785	1041902,715	973183,702	1583,742	3
752	1041904,307	973271,235	1590,409	3	786	1041900,487	973218,207	1586,432	3
753	1041919,745	973148,829	1580,965	3	787	1041903,617	973295,203	1592,185	2
754	1041926,608	973186,034	1584,082	3	788	1041905,884	973134,014	1580,135	1
755	1041950,432	973232,444	1596,189	3	789	1041947,959	973286,875	1597,760	3
756	1041899,786	973282,108	1591,238	1	790	1041902,147	973180,196	1583,490	3
757	1041931,103	973214,401	1586,517	2	791	1041901,364	973169,050	1582,475	2
758	1041909,791	973151,793	1581,374	1	792	1041910,190	973173,084	1583,906	3
759	1041930,270	973308,990	1592,973	3	793	1041902,862	973232,871	1587,874	3
760	1041950,030	973255,121	1598,635	2	794	1041915,261	973199,674	1586,050	1
761	1041901,907	973192,449	1584,464	3	795	1041952,685	973300,826	1596,734	3
762	1041926,305	973182,878	1584,390	2	796	1041927,989	973290,525	1592,918	2
763	1041903,024	973239,041	1588,208	3	797	1041954,226	973263,945	1597,730	1
764	1041876,506	973182,555	1578,295	3	798	1041923,921	973264,369	1590,847	3
765	1041917,455	973217,021	1587,481	1	799	1041884,268	973258,081	1589,468	1
766	1041885,390	973278,578	1593,063	3	800	1041922,369	973299,024	1593,327	2
767	1041911,216	973291,599	1592,956	2	801	1041881,777	973239,323	1587,845	3
768	1041883,130	973177,661	1578,998	2	802	1041889,724	973192,756	1585,131	3
769	1041907,406	973311,597	1593,998	1	803	1041887,276	973212,362	1585,790	1
770	1041874,501	973223,949	1585,749	3	804	1041882,521	973136,841	1575,717	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

## Anexo 1: Cartera topografica

Prediseño de la superestructura para puente peatonal  
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771	1041929,229	973307,662	1593,255	3	805	1041943,465	973275,796	1592,143	3
772	1041875,462	973209,668	1583,954	3	806	1041960,381	973230,872	1597,565	3
773	1041883,873	973172,245	1577,629	3	807	1041927,179	973186,454	1584,396	2
774	1041902,693	973232,290	1587,644	1	808	1041890,707	973229,047	1587,030	2
775	1041890,675	973146,782	1580,566	2	809	1041922,608	973323,319	1593,557	2
776	1041946,491	973335,403	1594,767	2	810	1041909,600	973320,832	1593,420	2
777	1041961,326	973204,195	1598,372	1	811	1041928,507	973279,349	1591,102	3
778	1041917,091	973132,028	1579,741	2	812	1041873,405	973150,873	1575,404	1
779	1041953,500	973204,755	1592,828	1	813	1041944,952	973326,044	1594,488	1
780	1041889,458	973331,117	1594,792	1	814	1041864,421	973253,757	1588,442	3
781	1041916,431	973197,770	1585,238	1	815	1041930,808	973299,024	1592,475	3
782	1041920,335	973230,745	1587,793	2	816	1041906,003	973314,275	1593,208	1
817	1041938,514	973247,889	1589,679	2	851	1041966,885	973246,110	1598,145	3
818	1041921,340	973337,330	1594,646	3	852	1041912,499	973227,964	1588,050	3
819	1041961,086	973224,656	1597,526	2	853	1041877,306	973179,929	1578,295	1
820	1041901,077	973210,423	1585,796	2	854	1041901,968	973210,355	1585,917	2
821	1041908,965	973155,981	1582,511	2	855	1041957,522	973214,731	1597,004	3
822	1041958,638	973230,384	1596,880	1	856	1041904,982	973248,073	1589,505	3
823	1041922,652	973246,212	1589,225	3	857	1041879,643	973202,297	1582,938	1
824	1041952,962	973278,596	1597,536	3	858	1041909,825	973320,444	1593,654	2
825	1041925,100	973272,105	1591,367	3	859	1041868,866	973237,235	1587,884	1
826	1041963,429	973255,687	1599,208	2	860	1041879,099	973181,775	1579,725	1
827	1041905,370	973265,184	1590,738	3	861	1041887,845	973160,835	1580,811	3
828	1041883,206	973292,793	1596,407	3	862	1041953,638	973282,829	1597,506	3
829	1041906,101	973291,908	1592,846	1	863	1041917,829	973230,772	1588,450	2
830	1041871,441	973254,221	1588,313	2	864	1041948,862	973183,466	1590,905	2
831	1041875,673	973135,035	1574,772	3	865	1041945,594	973314,845	1593,839	2
832	1041887,038	973225,479	1587,139	2	866	1041902,754	973181,820	1583,416	2
833	1041954,637	973223,024	1595,209	2	867	1041883,902	973182,735	1579,662	1
834	1041938,601	973237,681	1589,119	2	868	1041903,601	973256,870	1589,306	2
835	1041942,575	973146,439	1587,342	1	869	1041909,261	973151,955	1581,394	3
836	1041942,399	973217,165	1587,847	2	870	1041929,720	973202,557	1585,473	3
837	1041901,488	973206,826	1585,459	3	871	1041949,775	973239,187	1596,895	3
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

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838	1041901,697	973163,363	1582,026	3	872	1041933,015	973280,233	1591,547	3
839	1041904,892	973307,297	1592,744	2	873	1041918,944	973214,343	1586,634	1
840	1041947,562	973296,407	1597,599	3	874	1041918,242	973145,245	1581,070	1
841	1041931,982	973182,346	1587,265	3	875	1041930,501	973305,879	1592,821	2
842	1041941,381	973181,770	1590,416	3	876	1041948,576	973264,359	1597,718	3
843	1041856,585	973244,315	1588,481	2	877	1041904,103	973183,858	1583,646	2
844	1041924,439	973250,275	1589,184	2	878	1041891,683	973135,602	1579,583	1
845	1041910,923	973322,872	1593,583	1	879	1041902,035	973174,040	1583,009	3
846	1041937,143	973139,442	1586,353	1	880	1041923,515	973250,182	1589,457	2
847	1041924,574	973322,486	1593,580	1	881	1041916,377	973209,274	1586,856	1
848	1041961,101	973233,914	1597,574	3	882	1041884,425	973285,578	1594,658	2
849	1041918,751	973222,422	1587,583	3	883	1041904,540	973284,391	1591,566	1
850	1041910,730	973192,464	1585,401	3	884	1041882,547	973164,920	1577,587	1
885	1041912,013	973321,354	1594,361	1	919	1041884,724	973213,123	1583,236	3
886	1041872,692	973226,257	1585,929	2	920	1041890,847	973160,717	1581,891	2
887	1041925,736	973317,013	1594,177	2	921	1041942,833	973265,325	1592,299	3
888	1041877,817	973216,412	1584,653	2	922	1041936,156	973158,829	1586,742	1
889	1041890,848	973183,126	1583,747	3	923	1041928,793	973195,698	1585,148	1
890	1041902,554	973231,102	1587,552	2	924	1041902,349	973230,774	1587,323	3
891	1041889,763	973136,473	1580,154	3	925	1041920,350	973324,352	1593,590	3
892	1041946,512	973325,716	1594,449	1	926	1041908,368	973318,810	1593,326	3
893	1041853,989	973217,619	1587,608	2	927	1041930,180	973296,069	1592,250	2
894	1041919,038	973143,084	1580,699	3	928	1041876,110	973182,732	1577,018	1
895	1041951,330	973198,694	1592,180	2	929	1041944,584	973314,868	1594,049	2
896	1041927,058	973317,786	1593,340	3	930	1041862,575	973257,254	1588,630	3
897	1041927,798	973182,769	1583,782	2	931	1041930,607	973295,145	1592,234	1
898	1041938,581	973251,123	1589,705	1	932	1041899,532	973331,470	1594,553	3
899	1041978,519	973243,179	1598,517	1	933	1041940,127	973256,806	1590,430	2
900	1041899,554	973334,605	1594,745	1	934	1041916,531	973325,205	1593,744	3
901	1041904,714	973183,814	1583,759	1	935	1041968,357	973240,322	1598,040	3
902	1041923,063	973220,116	1587,089	2	936	1041891,508	973236,168	1587,574	1
903	1041890,425	973321,422	1594,137	1	937	1041901,797	973144,069	1580,719	2
904	1041904,945	973134,160	1580,865	1	938	1041959,316	973238,874	1597,398	3
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

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905	1041863,611	973235,125	1587,970	2	939	1041921,135	973237,530	1588,561	1
906	1041913,331	973182,620	1584,820	2	940	1041953,304	973271,045	1597,609	1
907	1041892,234	973183,546	1583,429	2	941	1041925,929	973264,471	1590,299	3
908	1041906,380	973165,150	1583,085	2	942	1041955,706	973236,400	1596,993	2
909	1041919,229	973228,824	1588,140	3	943	1041904,513	973273,721	1590,722	2
910	1041914,232	973192,086	1585,558	1	944	1041875,518	973222,008	1585,599	2
911	1041949,669	973299,027	1596,800	3	945	1041872,017	973248,037	1588,117	3
912	1041918,082	973282,694	1592,331	1	946	1041875,370	973143,747	1575,910	1
913	1041952,947	973255,284	1598,323	2	947	1041888,918	973225,370	1587,455	1
914	1041912,458	973273,106	1591,492	2	948	1041954,955	973229,871	1596,354	1
915	1041887,093	973258,967	1589,577	1	949	1041938,599	973184,037	1587,236	2
916	1041911,509	973318,299	1594,486	2	950	1041942,380	973155,082	1588,118	3
917	1041887,619	973246,183	1588,458	2	951	1041942,567	973205,803	1587,451	1
918	1041887,611	973192,768	1583,845	2	952	1041891,270	973180,733	1583,072	2
953	1041901,291	973135,289	1579,733	2	987	1041927,961	973198,055	1585,196	1
954	1041904,307	973302,477	1592,488	3	988	1041906,880	973135,340	1579,995	1
955	1041947,877	973307,236	1597,279	2	989	1041930,694	973302,275	1592,622	1
956	1041931,974	973182,429	1587,278	2	990	1041947,771	973271,969	1597,915	3
957	1041943,672	973191,182	1591,555	2	991	1041902,155	973188,156	1584,157	3
958	1041961,448	973223,388	1597,630	2	992	1041900,901	973135,482	1579,832	3
959	1041937,303	973248,356	1589,572	3	993	1041903,254	973173,928	1583,701	1
960	1041915,483	973185,624	1584,234	1	994	1041903,395	973248,459	1588,853	1
961	1041926,170	973320,490	1593,489	3	995	1041918,259	973216,952	1586,935	1
962	1041964,121	973242,158	1597,808	3	996	1041953,046	973317,046	1595,837	2
963	1041902,043	973221,717	1586,820	1	997	1041917,556	973291,522	1592,855	3
964	1041903,228	973200,152	1585,736	1	998	1041878,794	973164,585	1577,946	1
965	1041925,996	973181,207	1584,333	1	999	1041914,132	973310,063	1594,149	2
966	1041909,984	973238,767	1588,882	2	1000	1041864,045	973219,305	1585,151	1
967	1041877,417	973179,799	1578,294	3	1001	1041929,756	973298,815	1592,680	3
968	1041909,294	973218,074	1587,203	3	1002	1041875,352	973216,209	1584,717	2
969	1041960,449	973250,204	1598,118	3	1003	1041890,022	973183,389	1584,390	2
970	1041911,434	973256,383	1590,187	1	1004	1041887,403	973202,678	1584,866	3
971	1041883,700	973202,654	1582,649	2	1005	1041889,852	973147,041	1580,968	2
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle

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972	1041915,624	973324,376	1593,813	1	1006	1041946,346	973316,131	1594,253	3
973	1041874,317	973231,245	1587,717	2	1007	1041962,317	973231,772	1597,601	2
974	1041879,260	973189,776	1581,237	2	1008	1041921,209	973155,274	1581,680	1
975	1041883,478	973161,583	1577,552	1	1009	1041951,490	973195,958	1591,955	3
976	1041953,370	973290,037	1597,264	1	1010	1041889,568	973317,225	1593,667	2
977	1041917,586	973229,642	1588,427	1	1011	1041918,365	973213,696	1586,536	3
978	1041950,431	973232,474	1596,180	2	1012	1041922,650	973243,262	1588,684	3
979	1041945,108	973302,527	1593,294	3	1013	1041874,081	973222,408	1585,599	2
980	1041890,893	973135,975	1579,503	2	1014	1041935,299	973311,227	1593,406	3
981	1041884,166	973192,747	1581,112	1	1015	1041904,824	973181,852	1583,759	2
982	1041929,874	973308,316	1592,894	2	1016	1041900,387	973232,030	1587,492	3
983	1041913,246	973173,623	1583,171	3	1017	1041903,648	973300,099	1592,451	2
984	1041919,939	973226,686	1587,540	2	1018	1041903,209	973134,423	1580,714	1
985	1041952,464	973240,509	1597,289	1	1019	1041858,937	973245,249	1588,154	1
986	1041899,622	973297,298	1592,311	3	1020	1041903,195	973179,867	1584,103	2
1021	1041901,425	973180,245	1583,385	1	1055	1041918,815	973272,803	1591,455	3
1022	1041912,002	973172,653	1583,965	3	1056	1041964,037	973253,264	1599,105	2
1023	1041960,592	973211,546	1597,259	2	1057	1041904,422	973265,274	1590,129	1
1024	1041917,696	973246,865	1589,722	2	1058	1041884,067	973228,013	1586,398	3
1025	1041952,624	973293,136	1597,050	2	1059	1041925,090	973320,617	1593,616	1
1026	1041929,264	973290,371	1592,065	3	1060	1041864,990	973254,655	1588,420	1
1027	1041955,753	973258,400	1598,324	2	1061	1041876,433	973150,073	1576,815	3
1028	1041916,911	973264,948	1590,838	1	1062	1041889,584	973226,409	1587,013	2
1029	1041883,777	973266,504	1590,886	2	1063	1041961,396	973255,988	1598,858	3
1030	1041915,610	973299,471	1593,387	3	1064	1041937,464	973174,249	1587,117	3
1031	1041881,275	973245,813	1588,354	1	1065	1041942,624	973163,035	1588,792	2
1032	1041884,385	973192,908	1580,466	3	1066	1041948,074	973178,991	1590,128	1
1033	1041884,813	973221,273	1585,323	3	1067	1041901,753	973188,241	1584,012	2
1034	1041889,977	973160,695	1582,125	3	1068	1041881,247	973135,172	1574,635	2
1035	1041943,509	973256,743	1591,103	1	1069	1041904,088	973300,117	1592,357	2
1036	1041937,100	973148,432	1586,590	1	1070	1041947,804	973316,124	1596,652	1
1037	1041930,501	973204,811	1585,852	1	1071	1041932,588	973193,050	1587,010	3
1038	1041890,873	973213,503	1585,710	1	1072	1041946,034	973199,892	1592,422	1
No.	Norte	Este	Cota	Detalle	No.	Norte	Este	Cota	Detalle



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1039	1041890,029	973279,916	1590,700	3	1090	1041879,225	973198,711	1582,544	3
1040	1041907,364	973316,594	1593,232	1	1091	1041890,663	973171,051	1582,797	2
1041	1041930,320	973299,467	1592,466	1	1092	1041953,515	973297,717	1597,006	3
1042	1041927,883	973132,768	1586,102	2	1093	1041919,942	973229,415	1587,942	1
1043	1041934,916	973221,503	1587,853	2	1094	1041950,725	973192,761	1591,773	2
1044	1041861,279	973233,887	1587,959	2	1095	1041963,388	973256,329	1599,329	3
1045	1041930,023	973288,768	1591,824	1	1096	1041901,838	973180,130	1583,330	2
1046	1041907,506	973317,969	1593,384	3	1097	1041884,423	973203,292	1582,615	3
1047	1041941,409	973265,126	1591,019	2	1098	1041929,462	973310,863	1593,053	1
1048	1041927,999	973335,081	1594,545	3	1099	1041923,032	973166,714	1582,480	2
1049	1041962,458	973228,090	1597,545	1	1100	1041932,525	973217,776	1586,734	3
1050	1041901,617	973226,804	1587,110	1	1101	1041952,334	973244,310	1596,622	3
1051	1041906,235	973156,225	1582,345	2	1102	1041934,001	973290,360	1592,198	3
1052	1041988,011	973253,310	1599,384	2	1103	1041917,197	973200,108	1585,479	3
1053	1041919,711	973227,760	1587,836	1	1104	1041916,126	973133,028	1579,680	1
1054	1041950,542	973267,270	1597,639	2	1105	1041890,952	973279,898	1590,854	1
1073	1041972,063	973246,202	1598,294	2	1106	1041906,625	973143,482	1581,663	2
1074	1041921,777	973236,058	1588,220	1	1107	1041948,431	973306,386	1597,386	3
1075	1041914,743	973179,682	1583,725	2	1108	1041906,012	973183,787	1584,413	2
1076	1041927,599	973317,780	1593,380	3	1109	1041891,912	973152,314	1580,915	1
1077	1041873,164	973150,735	1576,363	2	1110	1041911,468	973165,186	1582,674	3
1078	1041918,041	973213,576	1586,696	2	1111	1041922,344	973242,590	1588,876	1
1079	1041906,300	973192,535	1585,204	2	1112	1041917,506	973209,158	1586,306	3
1080	1041926,180	973181,509	1584,348	3	1113	1041950,330	973316,403	1595,711	2
1081	1041907,952	973227,752	1587,934	1	1114	1041905,962	973284,286	1592,259	3
1082	1041877,125	973181,289	1578,313	1	1115	1041878,166	973150,240	1576,778	3
1083	1041903,055	973210,304	1586,454	3	1116	1041915,261	973323,023	1594,520	1
1084	1041963,625	973249,031	1598,037	1	1117	1041867,084	973218,193	1585,136	2
1085	1041912,018	973247,741	1589,594	3	1118	1041921,199	973317,567	1594,398	3
1086	1041883,505	973191,225	1580,910	2	1119	1041877,772	973222,539	1585,444	2
1087	1041907,740	973316,499	1593,456	1	1120	1041844,396	973238,398	1588,600	1
1088	1041880,492	973135,188	1574,736	2					
1089	1041923,121	973320,768	1594,280	3					