

Tramo	Nudos		Diametro Actual		Diametro Nuevo		¿Cambió?	Longitud	Longitud cañería nueva	Diametro cañería nueva	Cañería refuerzo de 63 mm.	Cañería de 75 mm.	Cañería de 90 mm.	Cañería de 110 mm.	Cañería de 160 mm.	Cañería de 200 mm.	Ancho de Zanja	Volumen de excavacion m³
	Desde	Hasta	Nominal	Interno	Nominal	Interno												
1	1	2	110	103.6	110	103.6	0	179	0	0	0	0	0	0	0	0	0.65	0
2	2	3	110	103.6	110	103.6	0	95	0	0	0	0	0	0	0	0	0.65	0
3	3	4	110	103.6	110	103.6	0	22	0	0	0	0	0	0	0	0	0.65	0
4	4	5	110	103.6	110	103.6	0	41	0	0	0	0	0	0	0	0	0.65	0
5	5	6	110	103.6	110	103.6	0	24	0	0	0	0	0	0	0	0	0.65	0
6	6	7	110	103.6	110	103.6	0	134	0	0	0	0	0	0	0	0	0.65	0
7	7	8	110	103.6	110	103.6	0	188	0	0	0	0	0	0	0	0	0.65	0
8	8	9	110	103.6	110	103.6	0	21	0	0	0	0	0	0	0	0	0.65	0
9	9	10	110	103.6	110	103.6	0	45	0	0	0	0	0	0	0	0	0.65	0
10	10	11	75	70.6	75	70.6	0	119	0	0	0	0	0	0	0	0	0.60	0
11	11	12	75	70.6	75	70.6	0	35	0	0	0	0	0	0	0	0	0.60	0
12	12	13	75	70.6	75	70.6	0	45	0	0	0	0	0	0	0	0	0.60	0
13	13	14	75	70.6	75	70.6	0	93	0	0	0	0	0	0	0	0	0.60	0
14	14	15	75	70.6	75	70.6	0	75	0	0	0	0	0	0	0	0	0.60	0
15	15	16	75	70.6	75	70.6	0	111	0	0	0	0	0	0	0	0	0.60	0
16	16	17	75	70.6	75	70.6	0	28	0	0	0	0	0	0	0	0	0.60	0
17	17	18	75	70.6	75	70.6	0	49	0	0	0	0	0	0	0	0	0.60	0
18	18	19	75	70.6	75	70.6	0	51	0	0	0	0	0	0	0	0	0.60	0
19	18	21	75	70.6	75	70.6	0	50	0	0	0	0	0	0	0	0	0.60	0
20	21	20	75	70.6	75	70.6	0	20	0	0	0	0	0	0	0	0	0.60	0
21	21	22	75	70.6	75	70.6	0	46	0	0	0	0	0	0	0	0	0.60	0
22	22	23	75	70.6	75	70.6	0	200	0	0	0	0	0	0	0	0	0.60	0
23	23	24	75	70.6	75	70.6	0	99	0	0	0	0	0	0	0	0	0.60	0
24	24	25	75	70.6	75	70.6	0	32	0	0	0	0	0	0	0	0	0.60	0
25	25	26	75	70.6	75	70.6	0	27	0	0	0	0	0	0	0	0	0.60	0
26	26	27	75	70.6	75	70.6	0	84	0	0	0	0	0	0	0	0	0.60	0
27	27	28	75	70.6	75	70.6	0	43	0	0	0	0	0	0	0	0	0.60	0
28	28	29	75	67.8	75	70.6	0	110	0	0	0	0	0	0	0	0	0.60	0
29	29	30	75	67.8	75	70.6	0	125	0	0	0	0	0	0	0	0	0.60	0
30	30	31	75	67.8	75	70.6	0	182	0	0	0	0	0	0	0	0	0.60	0
31	31	32	75	67.8	75	70.6	0	112	0	0	0	0	0	0	0	0	0.60	0
32	32	33	75	67.8	75	70.6	0	230	0	0	0	0	0	0	0	0	0.60	0
33	33	34	75	67.8	75	70.6	0	189	0	0	0	0	0	0	0	0	0.60	0
34	34	35	75	67.8	75	70.6	0	57	0	0	0	0	0	0	0	0	0.60	0
35	35	36	75	67.8	75	70.6	0	229	0	0	0	0	0	0	0	0	0.60	0
36	36	37	75	67.8	75	70.6	0	64	0	0	0	0	0	0	0	0	0.60	0
37	37	38	75	70.6	75	70.6	0	172	0	0	0	0	0	0	0	0	0.60	0
38	38	39	75	70.6	75	70.6	0	10	0	0	0	0	0	0	0	0	0.60	0
39	39	40	75	70.6	75	70.6	0	23	0	0	0	0	0	0	0	0	0.60	0
40	40	41	75	70.6	75	70.6	0	42	0	0	0	0	0	0	0	0	0.60	0
41	41	42	75	70.6	75	70.6	0	32	0	0	0	0	0	0	0	0	0.60	0
42	42	43	75	70.6	75	70.6	0	42	0	0	0	0	0	0	0	0	0.60	0
43	43	44	75	70.6	75	70.6	0	58	0	0	0	0	0	0	0	0	0.60	0
44	44	45	75	70.6	75	70.6	0	43	0	0	0	0	0	0	0	0	0.60	0
45	45	46	75	70.6	75	70.6	0	24	0	0	0	0	0	0	0	0	0.60	0
46	46	47	75	70.6	75	70.6	0	64	0	0	0	0	0	0	0	0	0.60	0
47	47	48	75	70.6	75	70.6	0	64	0	0	0	0	0	0	0	0	0.60	0
48	48	49	75	70.6	75	70.6	0	127	0	0	0	0	0	0	0	0	0.60	0
49	31	50	110	99.4	110	103.6	0	252	0	0	0	0	0	0	0	0	0.65	0
50	50	51	110	99.4	110	103.6	0	30	0	0	0	0	0	0	0	0	0.65	0
51	51	52	110	99.4	110	103.6	0	318	0	0	0	0	0	0	0	0	0.65	0
52	52	53	110	99.4	110	103.6	0	16	0	0	0	0	0	0	0	0	0.65	0
53	53	54	110	99.4	110	103.6	0	70	0	0	0	0	0	0	0	0	0.65	0
54	54	55	110	103.6	63	162.8	1	121	121	63	121	0	0	0	0	0	0.60	72.6
55	55	56	110	103.6	63	162.8	1	88	88	63	88	0	0	0	0	0	0.60	52.8
56	56	57	110	103.6	63	162.8	1	35	35	63	35	0	0	0	0	0	0.60	21
57	57	58	110	103.6	63	162.8	1	45	45	63	45	0	0	0	0	0	0.60	27
58	58	59	110	103.6	63	162.8	1	197	197	63	197	0	0	0	0	0	0.60	118.2
59	59	60	110	103.6	110	103.6	0	53	0	0	0	0	0	0	0	0	0.65	0
60	60	61	110	103.6	110	103.6	0	53	0	0	0	0	0	0	0	0	0.65	0
61	61	62	110	103.6	110	103.6	0	27	0	0	0	0	0	0	0	0	0.65	0
62	62	63	110	103.6	110	103.6	0	39	0	0	0	0	0	0	0	0	0.65	0
63	63	64	110	103.6	110	103.6	0	56	0	0	0	0	0	0	0	0	0.65	0
64	64	49	110	103.6	110	103.6	0	76	0	0	0	0	0	0	0	0	0.65	0
65	49	65	75	70.6	75	70.6	0	83	0	0	0	0	0	0	0	0	0.60	0
66	65	66	75	70.6	75	70.6	0	62	0	0	0	0	0	0	0	0	0.60	0
67	66	67	75	70.6	75	70.6	0	53	0	0	0	0	0	0	0	0	0.60	0
68	67	68	75	70.6	75	70.6	0	54	0	0	0	0	0	0	0	0	0.60	0
69	68	69	75	70.6	75	70.6	0	126	0	0	0	0	0	0	0	0	0.60	0
70	69	70	75	70.6	75	70.6	0	87	0	0	0	0	0	0	0	0	0.60	0
71	70	71	75	70.6	75	70.6	0	57	0	0	0	0	0	0	0	0	0.60	0
72	71	72	75	70.6	75	70.6	0	45	0	0	0	0	0	0	0	0	0.60	0
73	72	73	75	70.6	75	70.6	0	37	0	0	0	0	0	0	0	0	0.60	0
74	73	74	75	70.6	75	70.6	0	102	0	0	0	0	0	0	0	0	0.60	0
75	74	75	75	70.6	75	70.6	0	18	0	0	0	0	0	0	0	0	0.60	0
76	75	76	75	70.6	75	70.6	0	21	0	0	0	0	0	0	0	0	0.60	0
77	76	77	75	70.6	75	70.6	0	72	0	0	0	0	0	0	0	0	0.60	0
78	77	78	75	70.6	75	70.6	0	31	0	0	0	0	0	0	0	0	0.60	0
79	78	79	75	70.6	75	70.6	0	51	0	0	0	0	0	0	0	0	0.60	0
80	79	80	75	70.6	75	70.6	0	87	0	0	0	0	0	0	0	0	0.60	0
81	80	81	75	70.6	75	70.6	0	85	0	0	0	0	0	0	0	0	0.60	0
82	81	82	75	70.6	75	70.6	0	57	0	0	0	0	0	0	0	0	0.60	0
83	82	83	75	70.6	75	70.6	0	80	0	0	0	0	0	0	0	0	0.60	0
84	37	84	75	67.8	75	70.6	0	53	0	0	0	0	0	0	0	0	0.60	0
85	84	85	75	67.8	75	70.6	0	233	0	0	0	0	0	0	0	0	0.60	0
86	38	86	75	70.6	75	70.6	0	272	0	0	0	0	0	0	0	0	0.60	0
87	86	87	75	70.6	75	70.6	0	32	0	0	0	0	0	0	0	0	0.60	0
88	87	88	75	70.6	75	70.6	0	38	0	0	0	0	0	0	0	0	0.60	0
89	88	89																

Tramo	Nudos		Diametro Actual		Diametro Nuevo		¿Cambió?	Longitud	Longitud cañería nueva	Diametro cañería nueva	Cañería refuerzo de 63 mm.	Cañería de 75 mm.	Cañería de 90 mm.	Cañería de 110 mm.	Cañería de 160 mm.	Cañería de 200 mm.	Ancho de Zanja	Volumen de excavacion m³
	Desde	Hasta	Nominal	Interno	Nominal	Interno												
113	203	204		0	110	103.6	1	230	230	110	0	0	0	230	0	0	0.65	149.5
114	204	205		0	110	103.6	1	380	380	110	0	0	0	380	0	0	0.65	247
115	205	206		0	110	103.6	1	350	350	110	0	0	0	350	0	0	0.65	227.5
116	206	207		0	110	103.6	1	720	720	110	0	0	0	720	0	0	0.65	468
117	207	301		0	75	70.6	1	180	180	75	0	180	0	0	0	0	0.60	108
118	207	208		0	110	103.6	1	500	500	110	0	0	0	500	0	0	0.65	325
119	208	302		0	75	70.6	1	140	140	75	0	140	0	0	0	0	0.60	84
120	502	104		0	200	188.2	1	345	345	200	0	0	0	0	0	345	0.70	241.5
500	500	1	110	103.6	110	103.6	0	20	0	0	0	0	0	0	0	0	0.65	0
501	501	54	160	150.6	200	188.2	1	240	240	200	0	0	0	0	0	240	0.70	168
								18	13,455	4,326	486	395	0	2,860	0	585		2,797