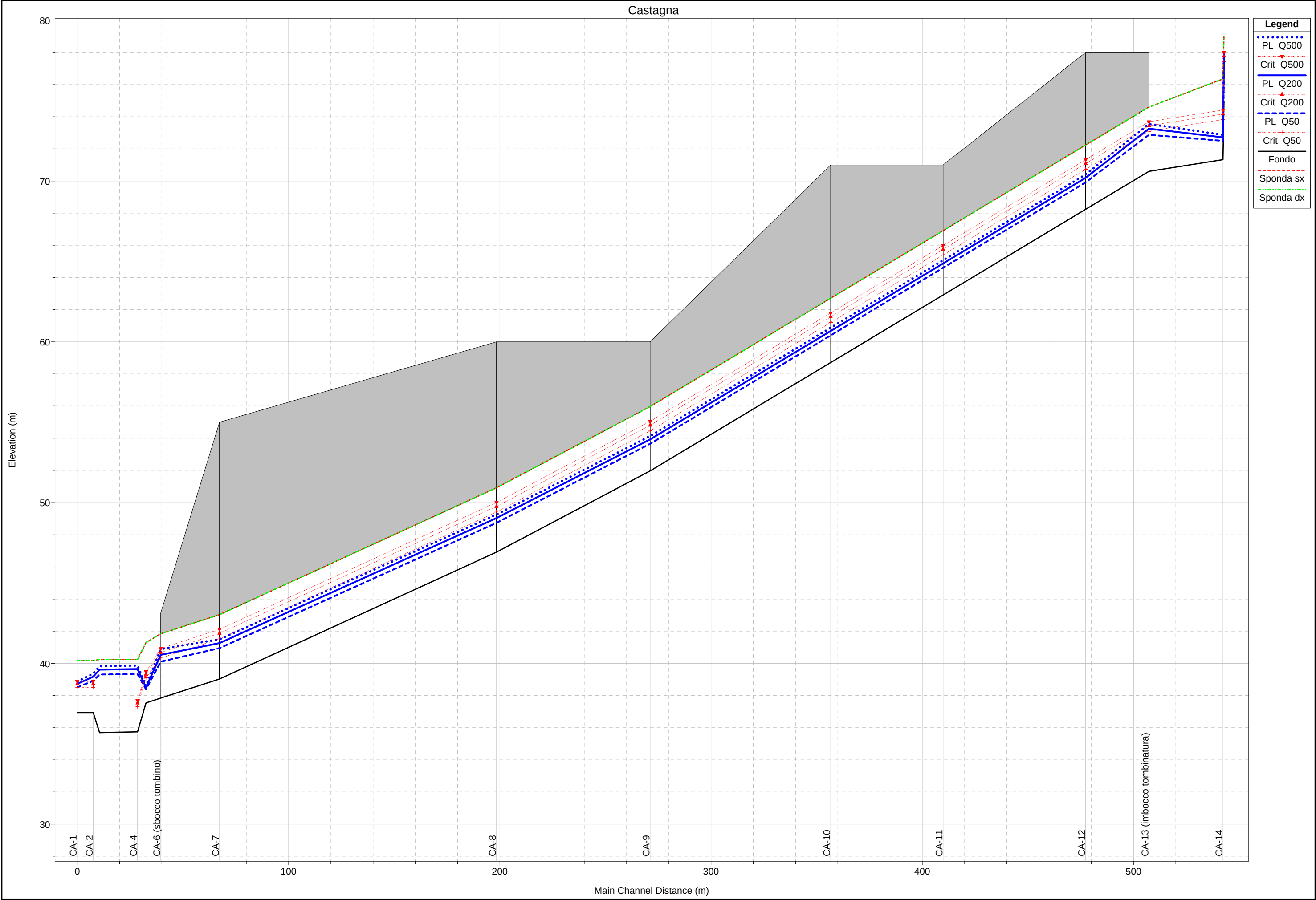
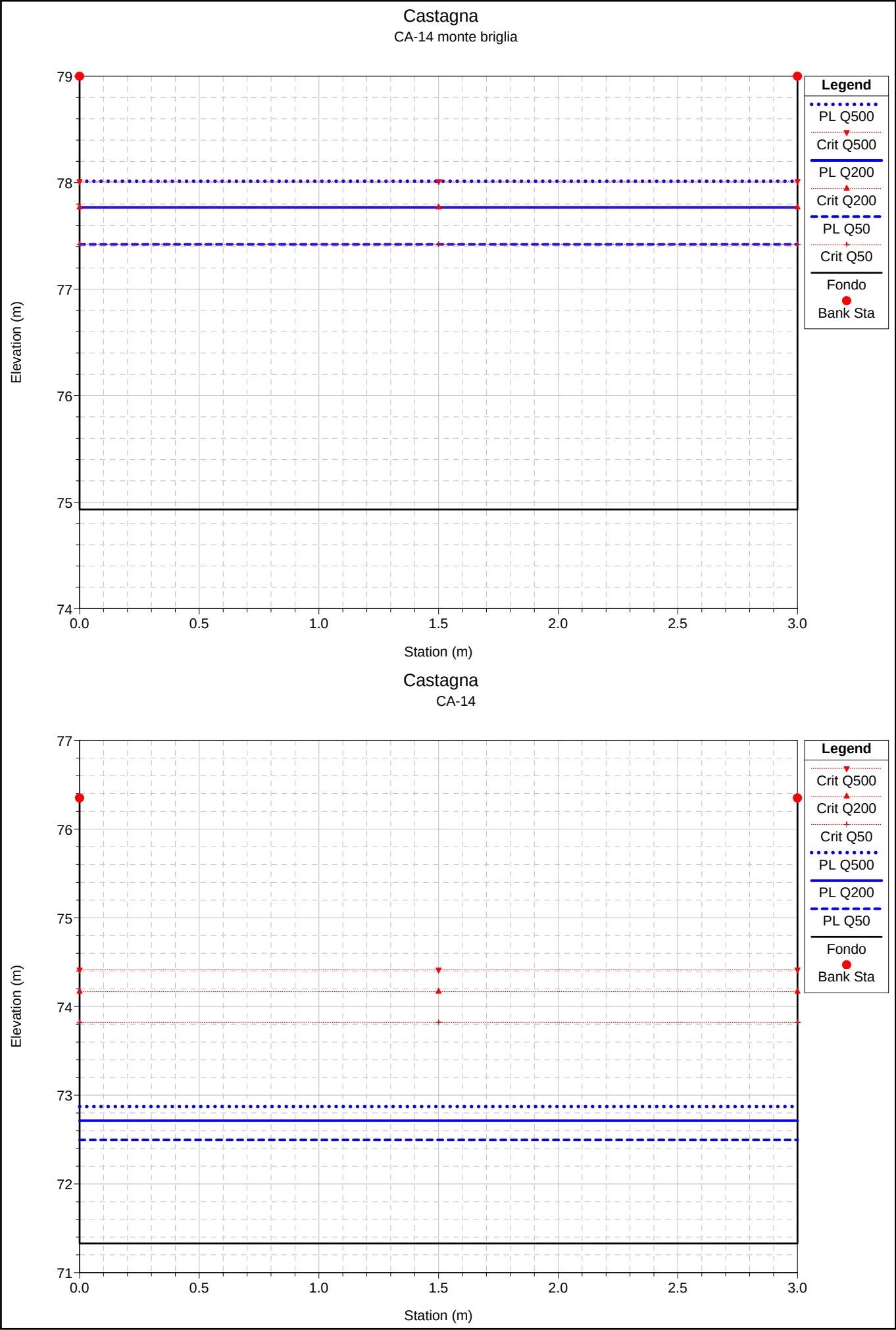


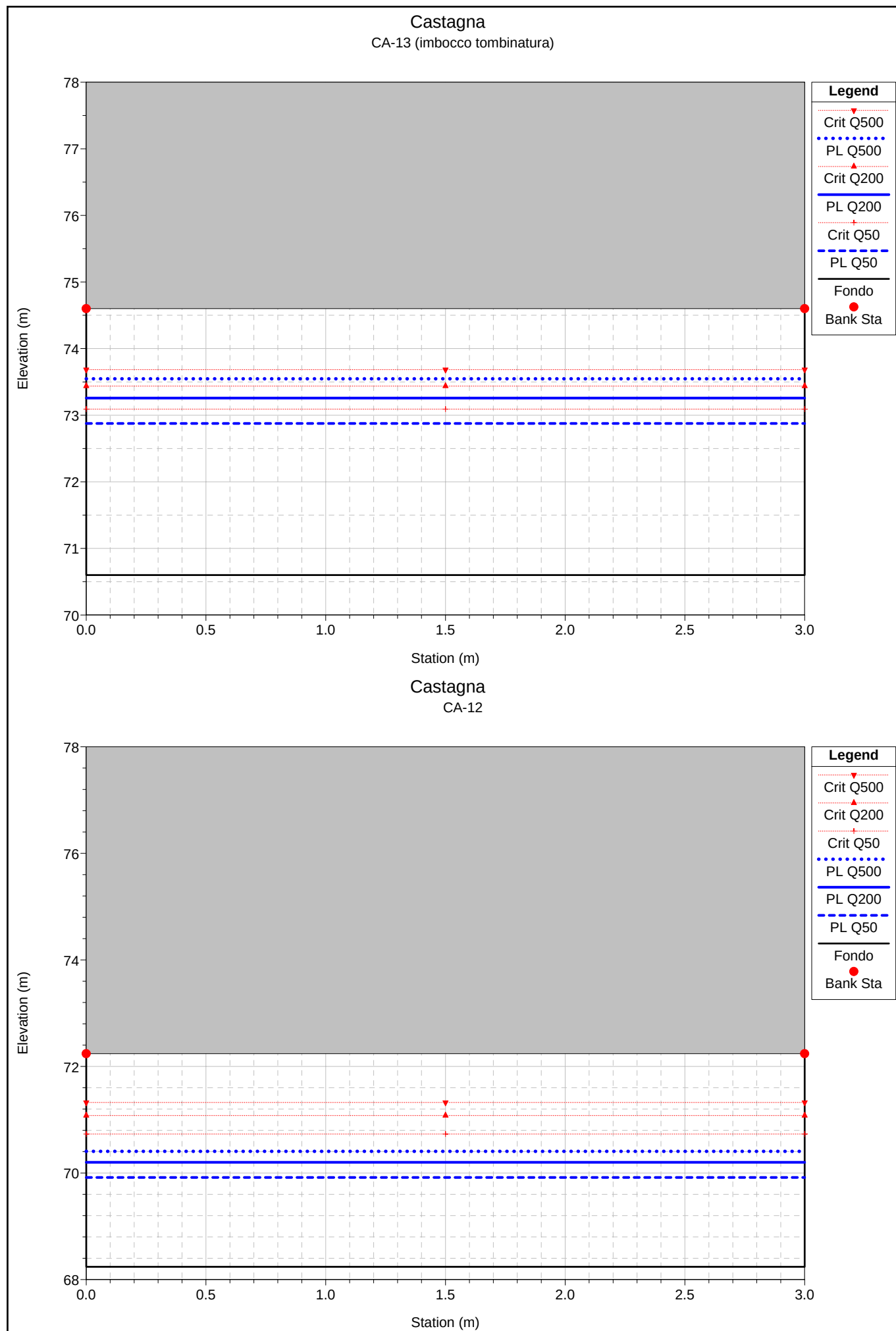
Rio Castagna

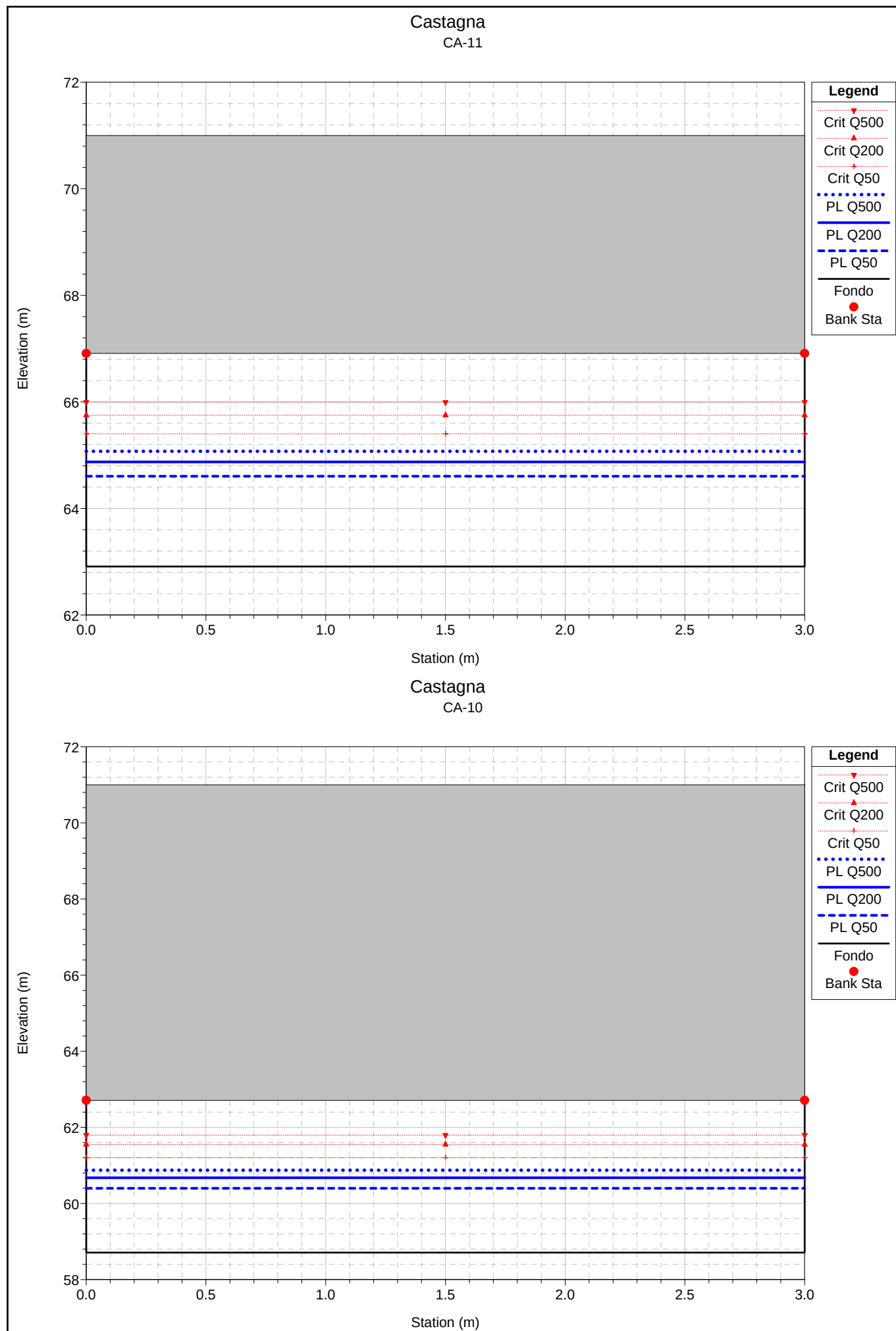
dalla sezione CA14 alla CA1

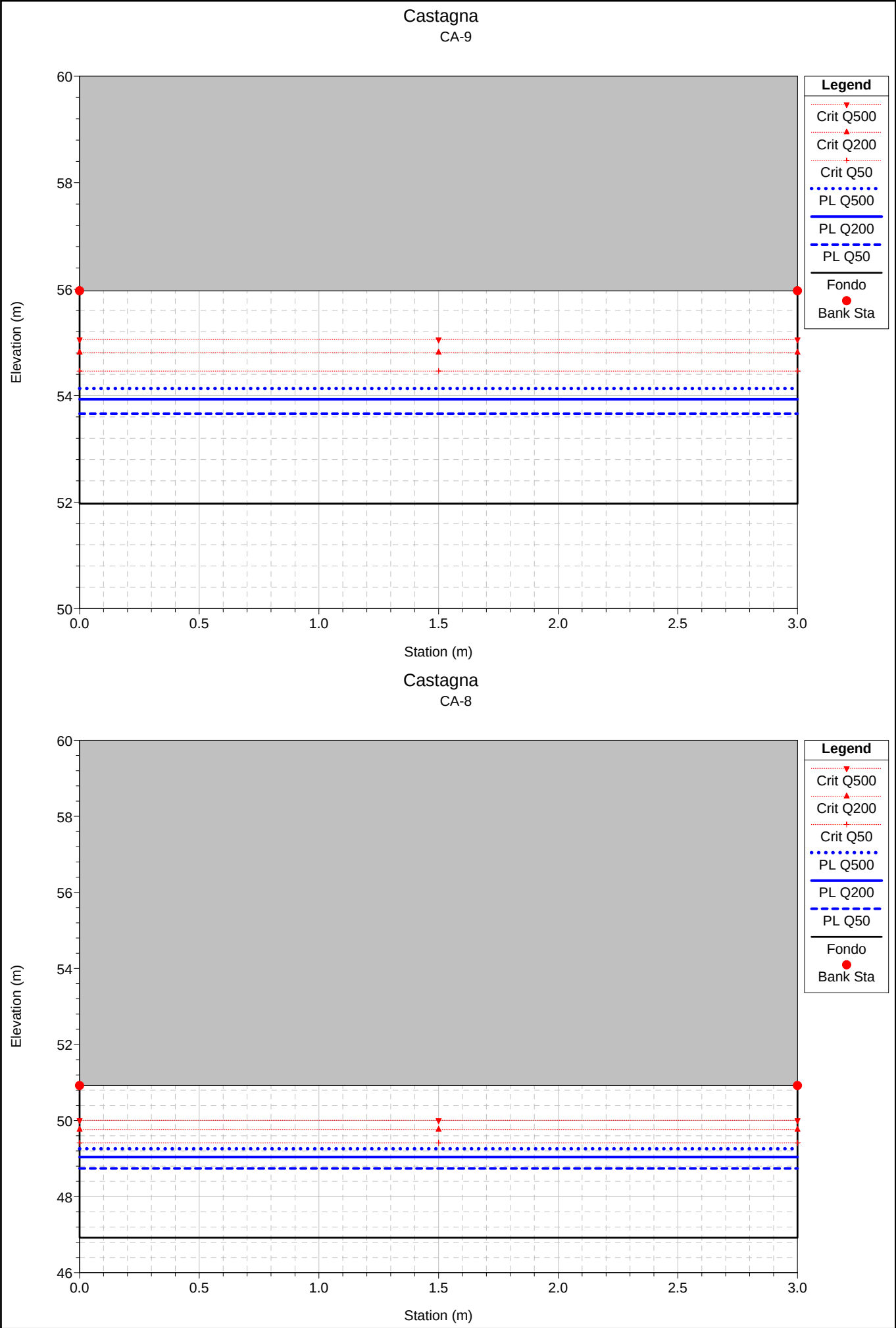
- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati

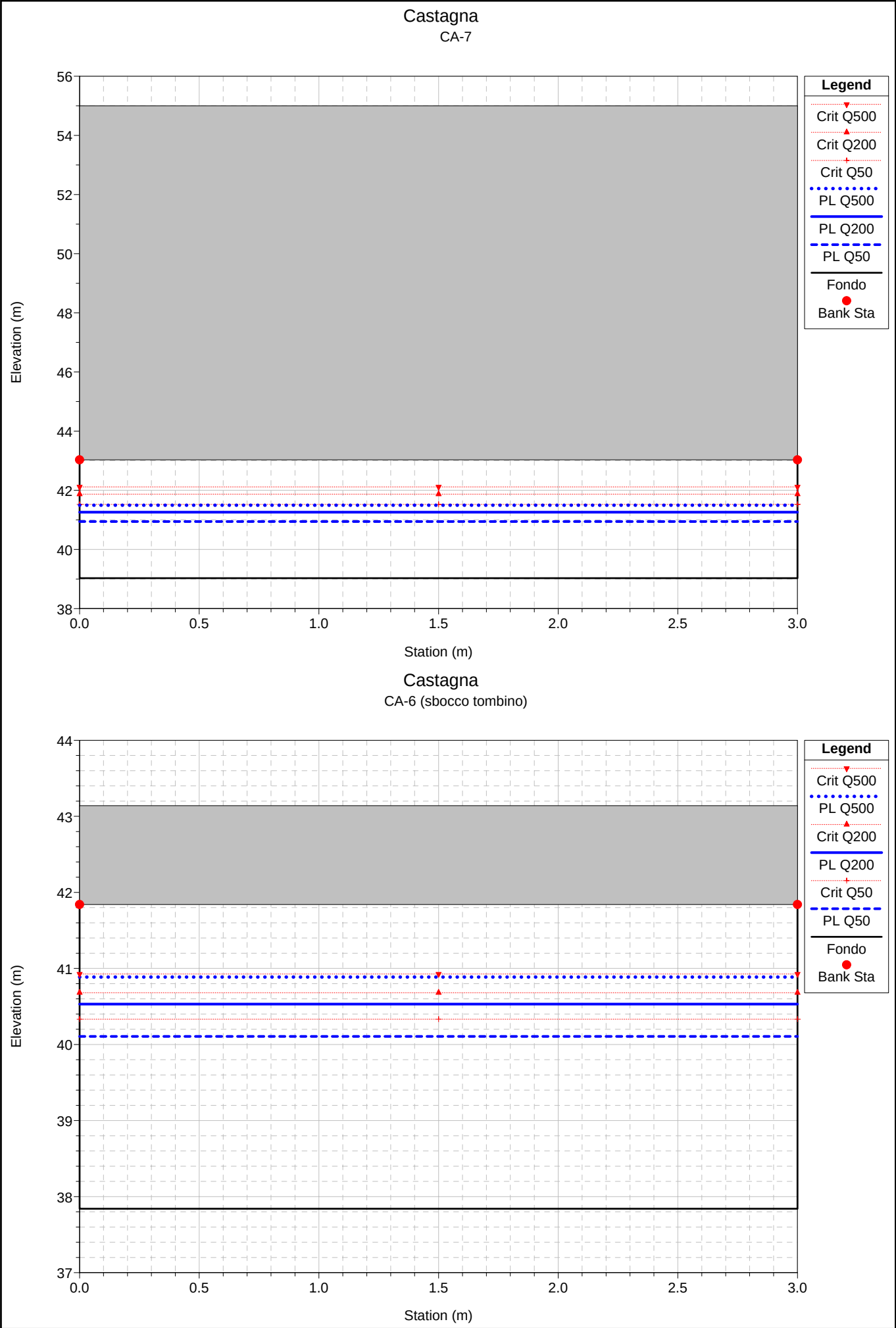


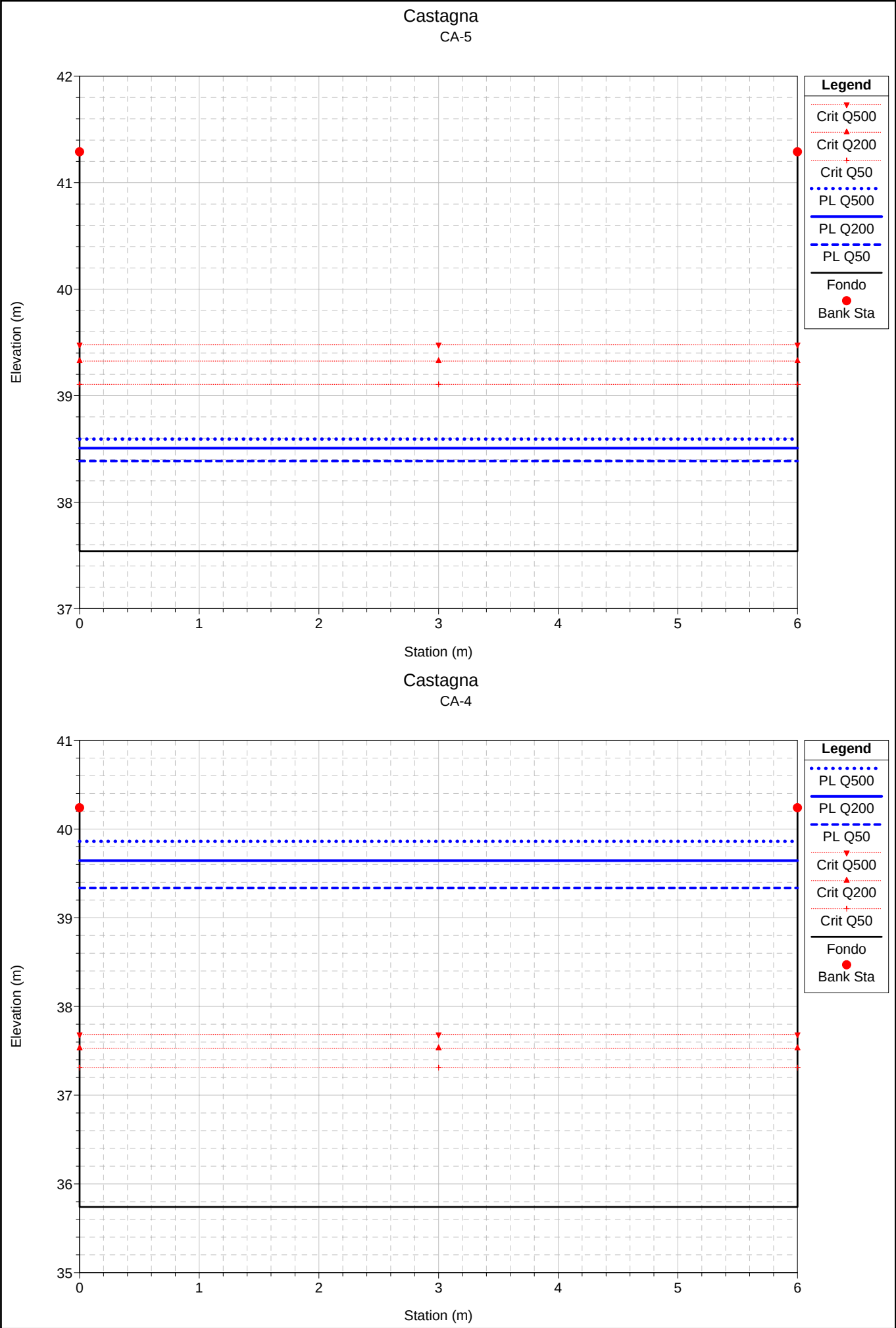


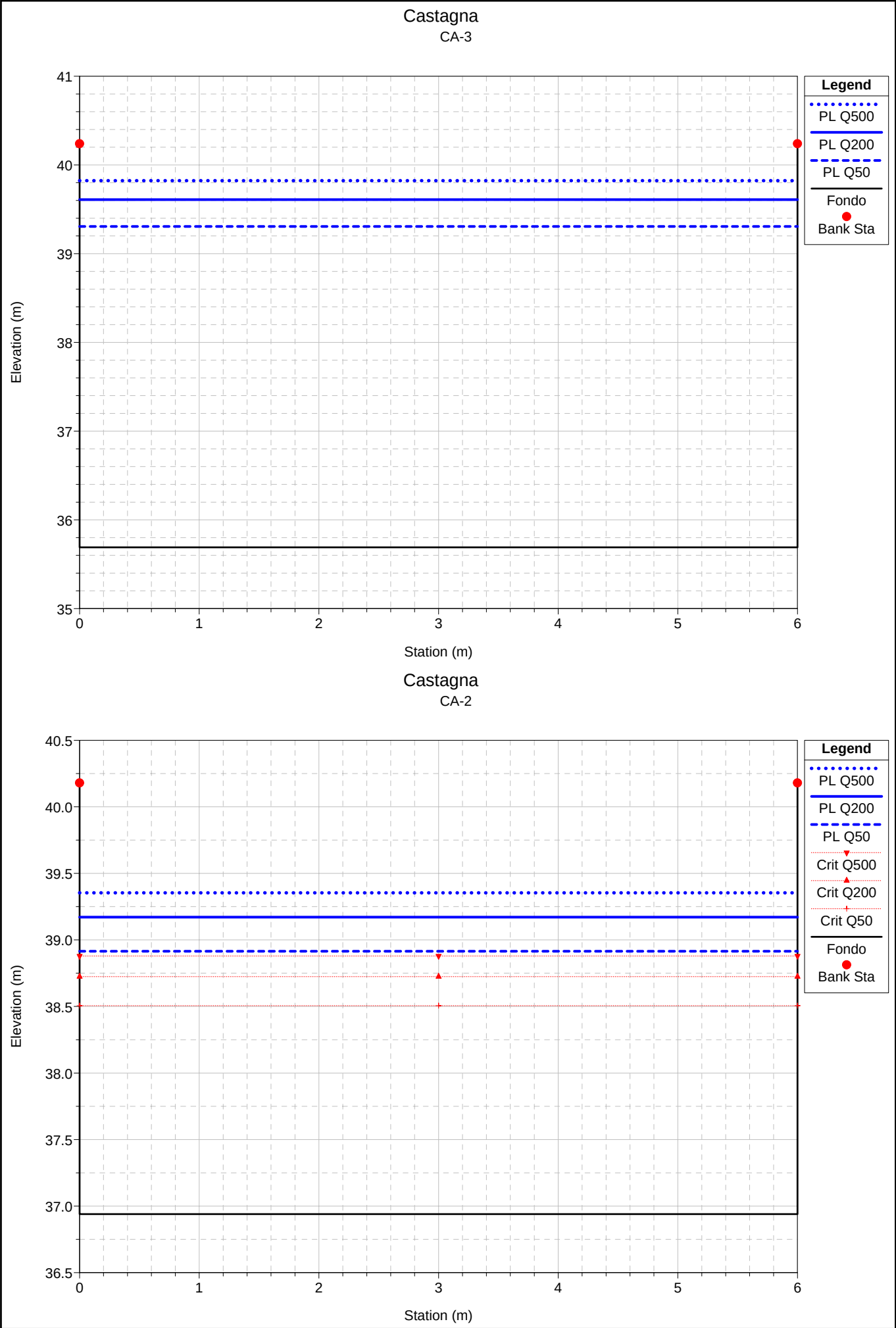


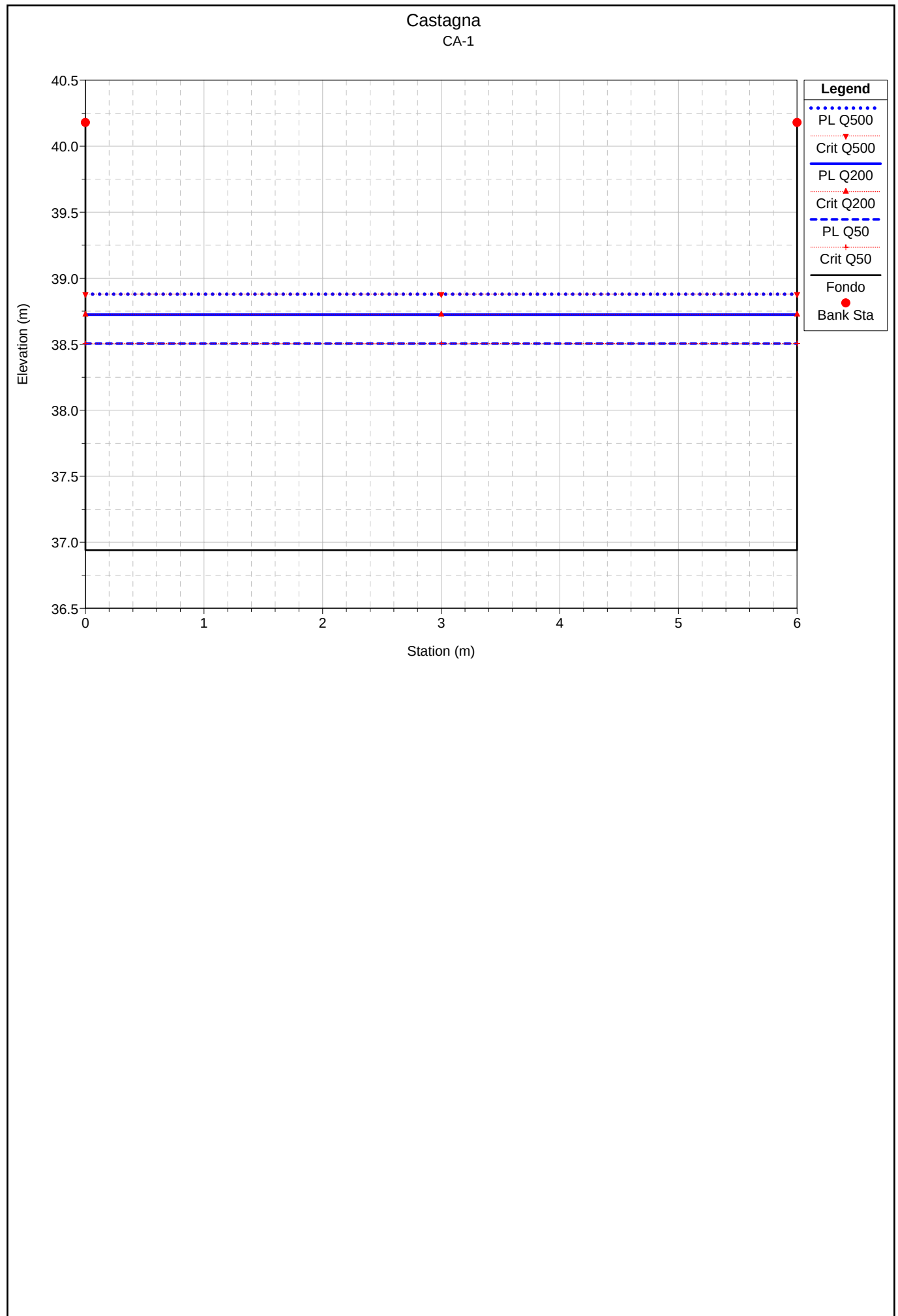












HEC-RAS Plan: castagna River: castagna Reach: castagna

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
castagna	23.2	Q50	37.00	74.93	77.42	79.00	1.58	79.00	1.58	77.42	78.67	0.029127	4.95	7.48	3.00	1.00
castagna	23.2	Q200	45.00	74.93	77.77	79.00	1.23	79.00	1.23	77.77	79.19	0.031187	5.28	8.51	3.00	1.00
castagna	23.2	Q500	51.00	74.93	78.01	79.00	0.99	79.00	0.99	78.01	79.56	0.032667	5.51	9.25	3.00	1.00
castagna	23.1	Q50	37.00	71.33	72.50	76.35	3.85	76.35	3.85	73.82	78.19	0.213587	10.57	3.50	3.00	3.13
castagna	23.1	Q200	45.00	71.33	72.71	76.35	3.64	76.35	3.64	74.17	78.70	0.198480	10.84	4.15	3.00	2.94
castagna	23.1	Q500	51.00	71.33	72.87	76.35	3.48	76.35	3.48	74.41	79.06	0.190751	11.03	4.63	3.00	2.83
castagna	23	Q50	37.00	70.60	72.88	74.60	1.72	74.60	1.72	73.09	74.37	0.036566	5.42	6.83	3.00	1.15
castagna	23	Q200	45.00	70.60	73.26	74.60	1.34	74.60	1.34	73.44	74.88	0.036692	5.64	7.97	3.00	1.11
castagna	23	Q500	51.00	70.60	73.55	74.60	1.05	74.60	1.05	73.68	75.24	0.036507	5.77	8.84	3.00	1.07
castagna	22	Q50	37.00	68.24	69.92	72.24	2.32	72.24	2.32	70.73	72.68	0.080614	7.36	5.03	3.00	1.82
castagna	22	Q200	45.00	68.24	70.20	72.24	2.04	72.24	2.04	71.08	73.18	0.079230	7.65	5.88	3.00	1.74
castagna	22	Q500	51.00	68.24	70.41	72.24	1.83	72.24	1.83	71.32	73.54	0.078789	7.85	6.50	3.00	1.70
castagna	20	Q50	37.00	62.91	64.60	66.91	2.31	66.91	2.31	65.40	67.30	0.078211	7.28	5.08	3.00	1.78
castagna	20	Q200	45.00	62.91	64.87	66.91	2.04	66.91	2.04	65.75	67.85	0.078997	7.64	5.89	3.00	1.74
castagna	20	Q500	51.00	62.91	65.07	66.91	1.84	66.91	1.84	66.00	68.22	0.079060	7.86	6.49	3.00	1.71
castagna	17	Q50	37.00	58.71	60.40	62.71	2.31	62.71	2.31	61.20	63.12	0.078936	7.30	5.07	3.00	1.79
castagna	17	Q200	45.00	58.71	60.67	62.71	2.04	62.71	2.04	61.55	63.65	0.078898	7.64	5.89	3.00	1.74
castagna	17	Q500	51.00	58.71	60.87	62.71	1.84	62.71	1.84	61.80	64.02	0.078897	7.85	6.49	3.00	1.70
castagna	15	Q50	37.00	51.97	53.66	55.97	2.31	55.97	2.31	54.46	56.37	0.078795	7.30	5.07	3.00	1.79
castagna	15	Q200	45.00	51.97	53.93	55.97	2.04	55.97	2.04	54.81	56.91	0.078810	7.64	5.89	3.00	1.74
castagna	15	Q500	51.00	51.97	54.14	55.97	1.83	55.97	1.83	55.06	57.27	0.078812	7.85	6.50	3.00	1.70
castagna	12	Q50	37.00	46.92	48.74	50.92	2.18	50.92	2.18	49.41	51.08	0.064807	6.77	5.46	3.00	1.60
castagna	12	Q200	45.00	46.92	49.04	50.92	1.88	50.92	1.88	49.76	51.59	0.064915	7.08	6.36	3.00	1.55
castagna	12	Q500	51.00	46.92	49.26	50.92	1.66	50.92	1.66	50.01	51.95	0.064953	7.27	7.01	3.00	1.52
castagna	5	Q50	37.00	39.03	40.94	43.03	2.09	43.03	2.09	41.52	43.06	0.056918	6.44	5.74	3.00	1.49
castagna	5	Q200	45.00	39.03	41.26	43.03	1.77	43.03	1.77	41.87	43.56	0.056848	6.72	6.70	3.00	1.44
castagna	5	Q500	51.00	39.03	41.50	43.03	1.53	43.03	1.53	42.12	43.92	0.056805	6.89	7.40	3.00	1.40
castagna	2	Q50	37.00	37.84	40.11	41.84	1.73	41.84	1.73	40.33	41.62	0.036983	5.44	6.80	3.00	1.15
castagna	2	Q200	45.00	37.84	40.53	41.84	1.31	41.84	1.31	40.68	42.11	0.035560	5.57	8.07	3.00	1.08
castagna	2	Q500	51.00	37.84	40.89	41.84	0.95	41.84	0.95	40.93	42.47	0.033654	5.58	9.14	3.00	1.02
castagna	1.3	Q50	37.00	37.54	38.39	41.29	2.90	41.29	2.90	39.11	41.09	0.100763	7.29	5.08	6.00	2.53
castagna	1.3	Q200	45.00	37.54	38.51	41.29	2.78	41.29	2.78	39.32	41.57	0.099608	7.76	5.80	6.00	2.52
castagna	1.3	Q500	51.00	37.54	38.59	41.29	2.70	41.29	2.70	39.48	41.92	0.099389	8.08	6.31	6.00	2.52
castagna	1.2	Q50	37.00	35.74	39.33	40.24	0.91	40.24	0.91	37.31	39.48	0.001663	1.72	21.57	6.00	0.29
castagna	1.2	Q200	45.00	35.74	39.64	40.24	0.60	40.24	0.60	37.53	39.83	0.001987	1.92	23.42	6.00	0.31
castagna	1.2	Q500	51.00	35.74	39.86	40.24	0.38	40.24	0.38	37.69	40.08	0.002219	2.06	24.73	6.00	0.32

HEC-RAS Plan: castagna River: castagna Reach: castagna (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
castagna	1.1	Q50	37.00	35.69	39.31	40.24	0.93	40.24	0.93		39.45	0.001637	1.71	21.70	6.00	0.29
castagna	1.1	Q200	45.00	35.69	39.61	40.24	0.63	40.24	0.63		39.80	0.001967	1.91	23.51	6.00	0.31
castagna	1.1	Q500	51.00	35.69	39.82	40.24	0.42	40.24	0.42		40.04	0.002204	2.06	24.80	6.00	0.32
castagna	1	Q50	37.00	36.94	38.91	40.18	1.27	40.18	1.27	38.51	39.41	0.008412	3.12	11.85	6.00	0.71
castagna	1	Q200	45.00	36.94	39.17	40.18	1.01	40.18	1.01	38.72	39.75	0.008858	3.36	13.39	6.00	0.72
castagna	1	Q500	51.00	36.94	39.35	40.18	0.83	40.18	0.83	38.88	39.99	0.009165	3.52	14.48	6.00	0.72
castagna	0	Q50	37.00	36.94	38.51	40.18	1.67	40.18	1.67	38.51	39.30	0.016274	3.94	9.39	6.00	1.00
castagna	0	Q200	45.00	36.94	38.72	40.18	1.46	40.18	1.46	38.72	39.62	0.016571	4.20	10.70	6.00	1.00
castagna	0	Q500	51.00	36.94	38.88	40.18	1.30	40.18	1.30	38.88	39.86	0.016824	4.38	11.63	6.00	1.00