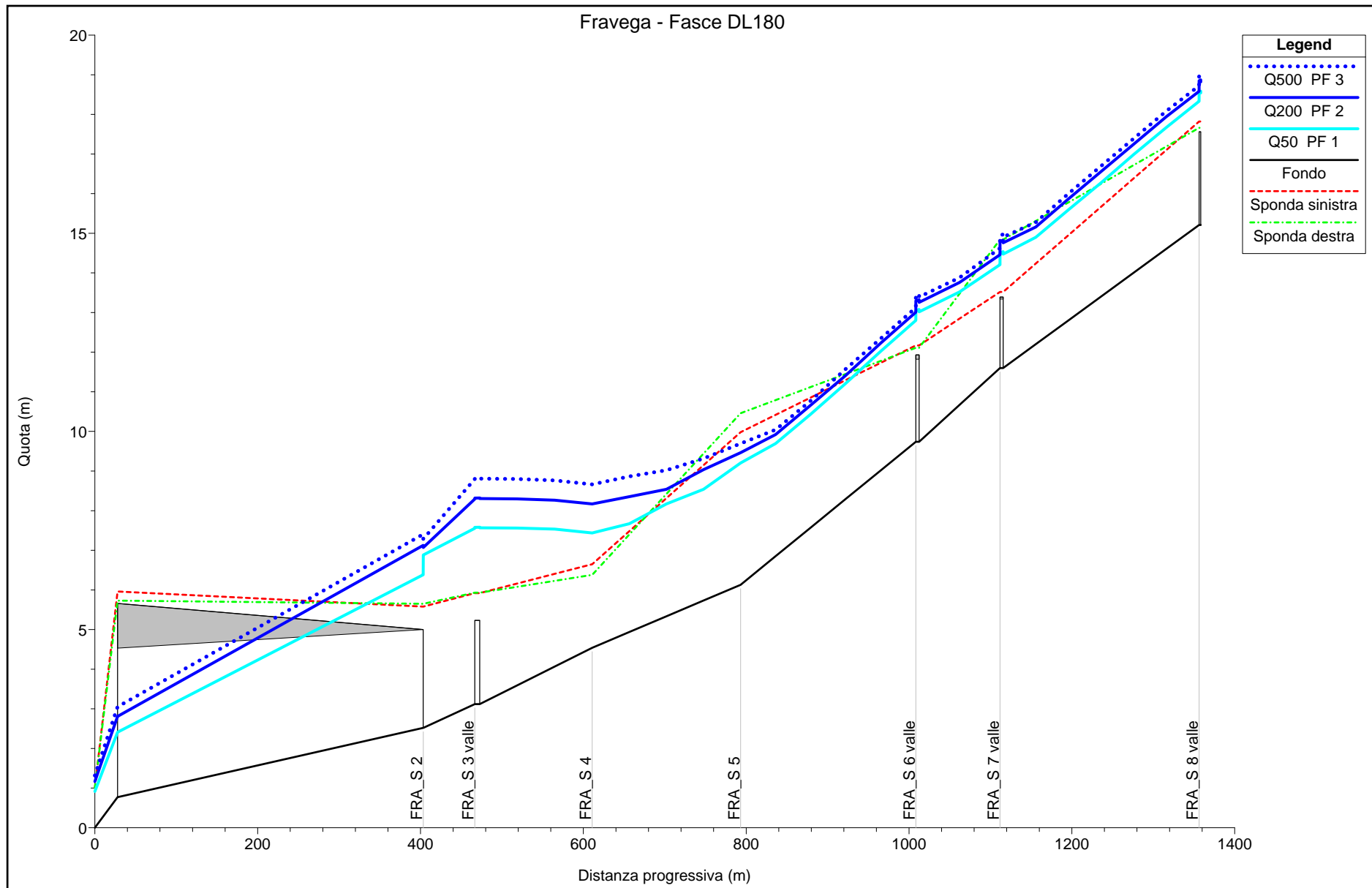


Torrente Fravega

VERIFICHE IDRAULICHE



HEC-RAS Plan: fra River: Fravega Reach: unico

Reach	River Sta	Q Total (m3/s)	Min Ch El (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	W.S. Elev (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
unico	8	65.40	15.21	17.82	-0.72	17.66	-0.88	18.54	18.33	18.80	0.004701	2.69	36.58	32.63	0.49
unico	8	94.60	15.21	17.82	-1.00	17.66	-1.16	18.82	18.58	19.13	0.005488	3.08	45.68	32.63	0.54
unico	8	113.90	15.21	17.82	-1.16	17.66	-1.32	18.98	18.72	19.33	0.005914	3.30	50.84	32.63	0.57
unico	7.99	Bridge													
unico	7.98	65.40	15.21	17.82	-0.51	17.66	-0.67	18.33	18.33	18.74	0.007738	3.28	29.70	32.63	0.63
unico	7.98	94.60	15.21	17.82	-0.76	17.66	-0.92	18.58	18.58	19.07	0.008948	3.74	37.97	32.63	0.68
unico	7.98	113.90	15.21	17.82	-0.90	17.66	-1.06	18.72	18.72	19.26	0.009698	4.01	42.44	32.63	0.72
unico	7	67.60	11.60	13.52	-0.95	14.84	0.37	14.47	14.21	14.69	0.003608	2.64	43.10	40.26	0.51
unico	7	97.90	11.60	13.52	-1.24	14.84	0.08	14.76	14.46	15.02	0.004141	2.96	54.91	41.43	0.54
unico	7	117.70	11.60	13.52	-1.38	14.84	-0.06	14.90	14.63	15.19	0.004563	3.19	60.85	41.73	0.57
unico	6.99	Bridge													
unico	6.98	67.60	11.60	13.52	-0.69	14.84	0.63	14.21	14.21	14.62	0.006731	3.44	32.82	37.02	0.70
unico	6.98	97.90	11.60	13.52	-0.94	14.84	0.38	14.46	14.46	14.93	0.007854	3.89	42.43	40.06	0.75
unico	6.98	117.70	11.60	13.52	-1.11	14.84	0.21	14.63	14.63	15.11	0.007892	4.01	49.32	41.43	0.75
unico	6	68.60	9.74	12.17	-0.85	12.11	-0.91	13.02	12.80	13.21	0.003157	2.60	48.18	45.84	0.49
unico	6	99.20	9.74	12.17	-1.09	12.11	-1.15	13.26	13.01	13.50	0.003773	3.00	59.18	45.84	0.54
unico	6	119.40	9.74	12.17	-1.22	12.11	-1.28	13.39	13.12	13.66	0.004124	3.23	65.38	45.84	0.57
unico	5.99	Bridge													
unico	5.98	68.60	9.74	12.17	-0.63	12.11	-0.69	12.80	12.80	13.14	0.005644	3.31	38.25	45.84	0.65
unico	5.98	99.20	9.74	12.17	-0.84	12.11	-0.90	13.01	13.01	13.42	0.006774	3.81	47.70	45.84	0.72
unico	5.98	119.40	9.74	12.17	-0.95	12.11	-1.01	13.12	13.12	13.58	0.007372	4.08	53.09	45.84	0.75
unico	5	75.50	6.13	9.98	0.78	10.46	1.26	9.20		9.47	0.007130	3.07	39.90	35.35	0.63
unico	5	109.20	6.13	9.98	0.52	10.46	1.00	9.46		9.80	0.008383	3.44	49.13	35.38	0.68
unico	5	131.40	6.13	9.98	0.28	10.46	0.76	9.70		10.03	0.007815	3.40	57.32	35.41	0.64
unico	4	81.20	4.54	6.65	-0.79	6.38	-1.06	7.44	7.19	7.92	0.003923	3.50	34.17	20.85	0.68
unico	4	117.50	4.54	6.65	-1.52	6.38	-1.79	8.17	7.72	8.62	0.003087	3.51	49.73	21.34	0.62
unico	4	141.40	4.54	6.65	-2.01	6.38	-2.28	8.66	7.80	9.11	0.002557	3.51	60.25	21.34	0.58
unico	3	82.50	3.12	5.92	-1.65	5.93	-1.64	7.57	6.17	7.62	0.000361	1.38	105.36	46.63	0.21
unico	3	119.30	3.12	5.92	-2.39	5.93	-2.38	8.31	6.47	8.37	0.000336	1.48	139.77	46.63	0.21
unico	3	143.60	3.12	5.92	-2.89	5.93	-2.88	8.81	6.63	8.87	0.000309	1.51	163.18	46.63	0.21
unico	2.99	Bridge													

HEC-RAS Plan: fra River: Fravega Reach: unico (Continued)

Reach	River Sta	Q Total (m3/s)	Min Ch El (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	W.S. Elev (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
unico	2.98	82.50	3.12	5.92	-1.64	5.93	-1.63	7.56	6.17	7.61	0.000367	1.38	104.79	46.63	0.22
unico	2.98	119.30	3.12	5.92	-2.38	5.93	-2.37	8.30	6.47	8.36	0.000340	1.48	139.24	46.63	0.21
unico	2.98	143.60	3.12	5.92	-2.88	5.93	-2.87	8.80	6.63	8.86	0.000312	1.52	162.69	46.63	0.21
unico	2	82.50	2.52	5.58	-1.30	5.65	-1.23	6.88	6.13	7.51	0.002478	3.73	30.35	13.95	0.57
unico	2	119.30	2.52	5.58	-1.49	5.65	-1.42	7.07	6.93	8.20	0.004302	5.05	32.97	13.95	0.76
unico	2	143.60	2.52	5.58	-1.71	5.65	-1.64	7.29	7.29	8.68	0.005090	5.67	35.98	13.95	0.83
unico	1.99	Bridge													
unico	1	84.30	0.77	5.96	3.55	5.73	3.32	2.41	2.41	3.12	0.004194	3.74	22.55	15.85	1.00
unico	1	122.00	0.77	5.96	3.15	5.73	2.92	2.81	2.81	3.72	0.004060	4.22	28.92	15.94	1.00
unico	1	146.80	0.77	5.96	2.91	5.73	2.68	3.05	3.05	4.07	0.004018	4.48	32.74	15.99	1.00
unico	0	84.30	0.00	1.00	0.08	1.00	0.08	0.92	0.92	1.37	0.009580	2.97	28.35	31.83	1.01
unico	0	122.00	0.00	1.00	-0.17	1.00	-0.17	1.17	1.17	1.74	0.008980	3.36	36.34	32.00	1.01
unico	0	146.80	0.00	1.00	-0.32	1.00	-0.32	1.32	1.32	1.97	0.008709	3.57	41.13	32.00	1.00

