

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (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
Alignment - 1	3187.84	100Yr	44.00	39.09	42.24	41.38	42.41	0.002139	1.82	24.22	15.11	0.46
Alignment - 1	3187.84	10Yr	24.00	39.09	41.73	40.87	41.83	0.001594	1.40	17.15	12.70	0.38
Alignment - 1	3100	100Yr	44.00	39.66	41.52	41.52	42.01	0.011318	3.08	14.27	14.74	1.00
Alignment - 1	3100	10Yr	24.00	39.66	41.13	41.13	41.50	0.012490	2.67	8.98	12.40	1.00
Alignment - 1	3000	100Yr	44.00	38.36	40.94	40.37	41.10	0.002904	1.77	24.87	21.37	0.52
Alignment - 1	3000	10Yr	24.00	38.36	40.40	39.93	40.53	0.003156	1.60	14.96	15.77	0.53
Alignment - 1	2900	100Yr	44.00	37.93	40.09	40.09	40.59	0.008855	3.18	15.40	20.44	0.90
Alignment - 1	2900	10Yr	24.00	37.93	39.61	39.53	40.00	0.009765	2.76	8.71	9.18	0.90
Alignment - 1	2800	100Yr	44.00	36.76	39.14	39.02	39.57	0.008809	2.93	15.01	13.41	0.88
Alignment - 1	2800	10Yr	24.00	36.76	38.54	38.48	38.96	0.010936	2.88	8.32	8.83	0.95
Alignment - 1	2700	100Yr	44.00	36.00	38.14	38.05	38.66	0.009302	3.20	13.77	10.91	0.91
Alignment - 1	2700	10Yr	24.00	36.00	37.72	37.53	38.04	0.007289	2.50	9.59	9.17	0.78
Alignment - 1	2600	100Yr	44.00	35.26	37.14	37.14	37.60	0.011829	3.01	14.63	16.31	1.01
Alignment - 1	2600	10Yr	24.00	35.26	36.74	36.74	37.11	0.012251	2.70	8.90	11.96	1.00
Alignment - 1	2500	100Yr	44.00	34.08	36.76	35.93	36.91	0.001927	1.74	25.66	23.06	0.44
Alignment - 1	2500	10Yr	24.00	34.08	36.21	35.50	36.31	0.001705	1.40	17.16	13.71	0.40
Alignment - 1	2400	100Yr	44.00	33.61	36.68	35.62	36.77	0.000870	1.36	44.52	46.23	0.31
Alignment - 1	2400	10Yr	24.00	33.61	36.10	35.18	36.17	0.001000	1.15	23.11	24.46	0.31
Alignment - 1	2292.35	100Yr	44.00	33.42	36.28	36.28	36.57	0.004340	2.51	28.78	70.54	0.62
Alignment - 1	2292.35	10Yr	24.00	33.42	35.34	35.34	35.86	0.012585	3.21	7.48	7.12	1.00
Alignment - 1	2200	100Yr	44.00	32.77	34.01	34.66	35.50	0.047363	5.41	8.14	10.59	1.97
Alignment - 1	2200	10Yr	24.00	32.77	34.45	34.05	34.61	0.003387	1.81	14.61	32.53	0.56
Alignment - 1	2140.82	100Yr	44.00	32.64	34.35	34.35	34.66	0.006952	2.79	27.53	58.96	0.81
Alignment - 1	2140.82	10Yr	24.00	32.64	34.08	34.08	34.33	0.006744	2.35	14.72	37.90	0.77
Alignment - 1	2000	100Yr	44.00	31.64	33.54	33.11	33.68	0.002175	1.77	38.71	60.78	0.47
Alignment - 1	2000	10Yr	24.00	31.64	33.31	32.78	33.38	0.001341	1.23	26.70	42.39	0.36
Alignment - 1	1900	100Yr	44.00	31.25	33.39	33.17	33.45	0.001963	1.47	65.63	129.15	0.43
Alignment - 1	1900	10Yr	24.00	31.25	33.04	32.99	33.15	0.004175	1.72	26.96	95.34	0.59
Alignment - 1	1779.64	100Yr	44.00	30.86	32.69	32.69	33.00	0.007816	2.57	22.32	50.33	0.83
Alignment - 1	1779.64	10Yr	24.00	30.86	32.69		32.78	0.002360	1.41	22.15	50.06	0.46
Alignment - 1	1647.81	100Yr	44.00	30.31	32.27	32.18	32.31	0.001492	1.24	83.65	162.16	0.37
Alignment - 1	1647.81	10Yr	24.00	30.31	32.10	31.81	32.33	0.005103	2.10	11.51	14.82	0.67
Alignment - 1	1499.6	100Yr	44.00	29.39	31.67	31.62	31.91	0.004995	2.52	30.29	52.01	0.69
Alignment - 1	1499.6	10Yr	24.00	29.39	31.36	31.27	31.57	0.005009	2.13	15.79	40.09	0.66
Alignment - 1	1420.05	100Yr	44.00	28.96	31.11	31.11	31.43	0.007231	2.61	22.59	52.09	0.81
Alignment - 1	1420.05	10Yr	24.00	28.96	30.63	30.60	30.98	0.011186	2.64	9.09	11.61	0.95
Alignment - 1	1300	100Yr	44.00	28.95	30.15	30.06	30.21	0.003028	1.51	69.92	207.74	0.51
Alignment - 1	1300	10Yr	24.00	28.95	29.94	29.94	30.05	0.004980	1.65	30.15	168.66	0.63
Alignment - 1	1200	100Yr	44.00	27.02	29.74	29.05	29.91	0.002722	1.82	24.15	18.66	0.51
Alignment - 1	1200	10Yr	24.00	27.02	29.08	28.57	29.23	0.003199	1.74	13.79	12.75	0.53
Alignment - 1	1100	100Yr	44.00	26.23	29.19	28.75	29.53	0.005344	2.58	17.03	11.96	0.69
Alignment - 1	1100	10Yr	24.00	26.23	28.56	28.20	28.82	0.005275	2.26	10.60	8.92	0.66
Alignment - 1	1000	100Yr	44.00	26.11	28.20	28.20	28.76	0.011184	3.30	13.33	11.97	1.00
Alignment - 1	1000	10Yr	24.00	26.11	28.23	27.72	28.39	0.003115	1.76	13.66	12.13	0.53
Alignment - 1	900	100Yr	44.00	25.48	28.55	28.00	28.55	0.000082	0.37	271.46	315.02	0.09
Alignment - 1	900	10Yr	24.00	25.48	28.03	27.33	28.14	0.001864	1.49	21.02	48.80	0.41
Alignment - 1	800	100Yr	44.00	26.00	27.78	27.78	28.28	0.011424	3.15	13.99	13.91	1.00
Alignment - 1	800	10Yr	24.00	26.00	27.66	27.27	27.85	0.004560	1.94	12.39	12.79	0.63
Alignment - 1	700	100Yr	44.00	25.24	27.71	27.29	27.75	0.001116	1.01	81.69	169.66	0.32
Alignment - 1	700	10Yr	24.00	25.24	27.39	26.86	27.48	0.002671	1.30	18.62	104.43	0.47
Alignment - 1	600	100Yr	44.00	24.79	26.96	26.96	27.44	0.011176	3.08	14.37	65.60	0.99
Alignment - 1	600	10Yr	24.00	24.79	27.19	26.50	27.27	0.001611	1.29	24.28	123.34	0.38
Alignment - 1	400	100Yr	44.00	24.32	26.57	26.57	27.02	0.011807	2.97	14.79	16.42	1.00
Alignment - 1	400	10Yr	24.00	24.32	26.18	26.18	26.54	0.012934	2.64	9.08	12.80	1.00
Alignment - 1	300	100Yr	44.00	24.25	26.03	25.89	26.09	0.002719	1.42	66.20	177.48	0.49
Alignment - 1	300	10Yr	24.00	24.25	25.86	25.77	25.92	0.002686	1.23	39.15	137.42	0.47
Alignment - 1	200	100Yr	44.00	24.00	25.59	25.57	25.69	0.005988	1.76	47.80	160.14	0.69
Alignment - 1	200	10Yr	24.00	24.00	25.49	25.39	25.57	0.004635	1.42	26.27	130.59	0.59

HEC-RAS Plan: Plan 01 River: Tealat Herzlia Reach: Alignment - 1 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (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
Alignment - 1	100	100Yr	44.00	23.23	25.12	25.00	25.18	0.004240	1.68	58.01	126.56	0.58
Alignment - 1	100	10Yr	24.00	23.23	24.90	24.90	25.00	0.007234	1.90	30.71	121.05	0.73
Alignment - 1	0	100Yr	44.00	23.33	24.58	24.41	24.73	0.004502	1.80	30.30	66.92	0.63
Alignment - 1	0	10Yr	24.00	23.33	24.32	24.11	24.43	0.004503	1.47	17.30	38.33	0.60