

HEC-RAS Plan: Plan 02 River: fosso MB Reach: 1 Profile: Q200

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
1	10	Q200	3.18	17.65	18.46		18.63	0.022591	1.85	1.72	2.36	0.69
1	9.9*	Q200	3.18	17.07	17.91		18.08	0.022145	1.84	1.73	2.33	0.68
1	9.8*	Q200	3.18	16.50	17.34		17.52	0.023304	1.88	1.69	2.29	0.70
1	9.7*	Q200	3.18	15.92	16.84	16.61	17.00	0.019027	1.75	1.87	5.17	0.63
1	9.6*	Q200	3.18	15.35	16.13	16.05	16.38	0.034044	2.17	1.46	2.17	0.84
1	9.5*	Q200	3.18	14.77	15.67	15.67	15.78	0.016011	1.57	2.83	15.88	0.58
1	9.4*	Q200	3.18	14.19	15.05	15.05	15.14	0.015400	1.49	3.25	19.73	0.57
1	9.3*	Q200	3.18	13.62	14.41	14.41	14.49	0.016961	1.50	3.41	22.41	0.60
1	9.2*	Q200	3.18	13.04	13.77	13.77	13.84	0.017773	1.47	3.65	25.68	0.62
1	9.1*	Q200	3.18	12.47	13.13	13.13	13.19	0.019395	1.45	3.82	28.90	0.64
1	9	Q200	3.18	11.89	12.47	12.47	12.53	0.022982	1.47	3.84	31.86	0.70
1	8	Q200	3.18	11.39	12.01	11.97	12.04	0.011067	1.05	5.26	37.98	0.49
1	7.5		Culvert									
1	7	Q200	3.18	11.09	11.67	11.67	11.73	0.024294	1.51	3.75	31.42	0.72
1	6	Q200	3.18	9.21	9.73		9.76	0.014026	1.06	4.47	28.04	0.55
1	5.933333*	Q200	3.18	8.82	9.37		9.40	0.014553	1.11	4.41	28.24	0.57
1	5.866666*	Q200	3.18	8.43	9.02		9.05	0.013912	1.12	4.49	28.95	0.56
1	5.8*	Q200	3.18	8.05	8.66	8.63	8.69	0.014693	1.18	4.38	29.08	0.57
1	5.733333*	Q200	3.18	7.66	8.31		8.34	0.013658	1.16	4.51	30.12	0.55
1	5.666666*	Q200	3.18	7.27	7.94	7.92	7.98	0.015045	1.24	4.31	30.00	0.58
1	5.6*	Q200	3.18	6.88	7.60		7.63	0.013130	1.19	4.56	31.73	0.55
1	5.533333*	Q200	3.18	6.49	7.23	7.21	7.27	0.015727	1.32	4.19	31.01	0.60
1	5.466666*	Q200	3.18	6.11	6.88		6.92	0.012543	1.21	4.64	33.88	0.54
1	5.4*	Q200	3.18	5.72	6.51	6.51	6.56	0.016289	1.40	4.08	34.85	0.61
1	5.333333*	Q200	3.18	5.33	6.16	6.16	6.21	0.012507	1.28	4.96	62.75	0.54
1	5.266666*	Q200	3.18	4.94	5.79	5.79	5.84	0.012206	1.29	5.35	74.32	0.54
1	5.2*	Q200	3.18	4.55	5.44	5.44	5.47	0.007942	1.08	7.15	95.34	0.44
1	5.133333*	Q200	3.18	4.17	5.06	5.06	5.10	0.008582	1.14	6.94	95.15	0.46
1	5.066666*	Q200	3.18	3.78	4.71	4.69	4.73	0.005546	0.95	8.73	109.89	0.37
1	5.03	Q200	3.18	3.61	4.52	4.52	4.56	0.008340	1.14	7.01	96.50	0.45
1	5	Q200	3.18	3.39	4.30	4.30	4.34	0.000958	0.39	6.01	88.22	0.15
1	4.5	Q200	3.18	3.19	4.12	4.12	4.15	0.007164	1.08	7.47	101.56	0.42
1	4.25		Culvert									
1	4	Q200	3.18	3.09	4.02	4.02	4.05	0.007151	1.08	7.48	101.58	0.42
1	3	Q200	3.18	2.74	3.68	3.67	3.70	0.005397	0.94	8.72	111.67	0.37

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1	2	Q200	3.18	2.54	3.48	3.47	3.50	0.005339	0.94	8.77	112.09	0.37
1	1	Q200	3.18	2.06	2.79	2.79	2.82	0.011694	1.12	8.38	174.46	0.49