

HEC-RAS River: Bishop Creek Tri Reach: Reach-1 Profile: 100-year

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Reach-1	4174	100-year	Existing Conditions	553.00	1181.18	1185.32		1185.35	0.002372	2.41	443.74	295.69	0.21
Reach-1	4174	100-year	Proposed Layout - 12112023	553.00	1181.18	1185.32		1185.35	0.002372	2.41	443.74	295.69	0.21
Reach-1	4092	100-year	Existing Conditions	553.00	1180.77	1184.98		1185.06	0.005861	3.83	306.10	249.67	0.33
Reach-1	4092	100-year	Proposed Layout - 12112023	553.00	1180.77	1184.98		1185.06	0.005861	3.83	306.10	249.67	0.33
Reach-1	3883	100-year	Existing Conditions	553.00	1179.19	1183.10	1183.10	1183.44	0.010221	8.42	182.45	219.29	0.75
Reach-1	3883	100-year	Proposed Layout - 12112023	553.00	1179.19	1183.10	1183.10	1183.44	0.010221	8.42	182.45	219.29	0.75
Reach-1	3528	100-year	Existing Conditions	553.00	1177.21	1179.61		1179.69	0.004069	4.36	252.07	220.89	0.50
Reach-1	3528	100-year	Proposed Layout - 12112023	553.00	1177.21	1179.60		1179.69	0.004070	4.36	252.04	220.88	0.50
Reach-1	2913	100-year	Existing Conditions	812.00	1171.65	1175.80		1176.13	0.007577	8.63	226.68	157.86	0.75
Reach-1	2913	100-year	Proposed Layout - 12112023	812.00	1171.65	1175.80		1176.14	0.007573	8.62	226.74	157.90	0.75
Reach-1	2609	100-year	Existing Conditions	812.00	1168.92	1173.09	1173.03	1173.63	0.008851	8.02	199.20	168.59	0.81
Reach-1	2609	100-year	Proposed Layout - 12112023	812.00	1168.92	1173.09	1173.03	1173.63	0.008855	8.02	199.16	168.58	0.81
Reach-1	2550	100-year	Existing Conditions	812.00	1167.91	1172.95		1173.20	0.004078	5.82	283.98	205.54	0.54
Reach-1	2550	100-year	Proposed Layout - 12112023	812.00	1167.91	1172.95		1173.20	0.004082	5.82	283.88	205.53	0.54
Reach-1	2251	100-year	Existing Conditions	812.00	1166.13	1170.89	1170.33	1171.32	0.010732	9.85	270.35	186.43	0.80
Reach-1	2251	100-year	Proposed Layout - 12112023	812.00	1166.13	1170.90	1170.33	1171.32	0.010714	9.84	270.56	186.52	0.80
Reach-1	1523	100-year	Existing Conditions	812.00	1159.42	1165.12		1165.42	0.006246	8.47	351.47	238.88	0.63
Reach-1	1523	100-year	Proposed Layout - 12112023	812.00	1159.42	1165.12		1165.42	0.006254	8.48	351.30	238.87	0.63
Reach-1	535	100-year	Existing Conditions	812.00	1155.38	1160.96	1160.96	1162.70	0.018696	10.59	76.70	22.38	1.01
Reach-1	535	100-year	Proposed Layout - 12112023	812.00	1155.38	1160.96	1160.96	1162.70	0.018667	10.58	76.75	22.39	1.01
Reach-1	534	100-year	Existing Conditions	812.00	1152.75	1158.83	1157.90	1159.73	0.008309	7.68	123.84	77.77	0.69
Reach-1	534	100-year	Proposed Layout - 12112023	812.00	1153.00	1158.30	1157.99	1159.64	0.007837	9.30	87.73	29.21	0.89
Reach-1	533	100-year	Existing Conditions	812.00	1150.54	1157.66		1158.31	0.005746	6.53	142.42	83.86	0.58
Reach-1	533	100-year	Proposed Layout - 12112023	812.00	1150.99	1156.32	1156.32	1157.79	0.011269	9.76	84.43	31.18	0.98
Reach-1	532	100-year	Existing Conditions	812.00	1150.68	1156.78		1157.51	0.006040	7.01	138.99	60.56	0.61
Reach-1	532	100-year	Proposed Layout - 12112023	812.00	1150.37	1156.94		1156.97	0.000118	1.48	549.02	106.94	0.12
Reach-1	531	100-year	Existing Conditions	812.00	1149.39	1156.44		1157.02	0.004142	6.24	151.08	48.91	0.51
Reach-1	531	100-year	Proposed Layout - 12112023	812.00	1149.77	1156.37		1156.89	0.003103	5.79	140.36	39.34	0.54
Reach-1	530.5	100-year	Existing Conditions	812.00	1148.74	1156.19		1156.65	0.003402	5.56	177.81	87.12	0.46
Reach-1	530.5	100-year	Proposed Layout - 12112023	812.00	1148.95	1156.08		1156.58	0.003676	5.77	167.63	84.55	0.48
Reach-1	530	100-year	Existing Conditions	812.00	1148.24	1155.11	1154.40	1156.17	0.009920	12.11	154.01	45.28	0.82
Reach-1	530	100-year	Proposed Layout - 12112023	812.00	1148.00	1156.00	1152.33	1156.18	0.004407	3.43	242.54	69.38	0.28
Reach-1	453.26			Culvert									
Reach-1	351	100-year	Existing Conditions	812.00	1145.91	1154.15	1151.42	1154.71	0.002302	8.78	180.27	68.33	0.54
Reach-1	351	100-year	Proposed Layout - 12112023	812.00	1145.91	1154.15	1151.42	1154.71	0.002302	8.78	180.27	68.33	0.54