

HEC-RAS Plan: Existing River: Dbl 8 Reach: 10x10

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10x10	1914.25	50 YR	1060.00	292.00	297.30	297.13	297.85	0.015999	5.97	178.05	123.66	0.87
10x10	1914.25	100 YR	1240.00	292.00	298.12		298.43	0.004938	4.46	283.60	132.09	0.52
10x10	1512.25	50 YR	1060.00	290.00	297.08	294.62	297.12	0.000497	1.73	633.58	229.65	0.17
10x10	1512.25	100 YR	1240.00	290.00	298.03	294.81	298.07	0.000270	1.53	861.20	247.59	0.13
10x10	1376.5		Culvert									
10x10	1241.28	50 YR	1060.00	286.00	294.37		294.39	0.000096	1.16	1386.88	521.86	0.09
10x10	1241.28	100 YR	1240.00	286.00	295.06		295.07	0.000084	1.16	1777.08	611.95	0.08
10x10	1130.37	50 YR	1120.00	285.24	294.25	290.24	294.34	0.000588	2.43	463.20	116.52	0.20
10x10	1130.37	100 YR	1310.00	285.24	294.94	290.52	295.03	0.000510	2.45	557.93	158.65	0.19
10x10	1041		Culvert									
10x10	951.13	50 YR	1120.00	286.00	293.38		293.69	0.001707	4.44	253.82	56.62	0.34
10x10	951.13	100 YR	1310.00	286.00	293.87		294.22	0.001788	4.75	284.25	69.23	0.35
10x10	136.36	50 YR	1120.00	284.00	290.01	288.93	290.99	0.007001	8.08	191.24	130.85	0.66
10x10	136.36	100 YR	1310.00	284.00	290.38	289.66	291.43	0.007006	8.50	245.47	164.39	0.66