

Table 1 - Bridge transect from Helmick Park / Luckiamute River (data collected 10/26/00)

Note: bridge traverse was from south to north, across the Luckiamute River (0 m station = south)

c:wou:geomorph:f2000:luckiamute.xls

Horizontal Distance (m)	Depth to Valley Bottom from Bridge Railing (ft)	Depth to Valley Bottom from Bridge Railing (m)	Comments
0	6.95	2.12	Luckiamute Bridge, Elevation marker 207 ft on the south end of bridge. Measured from top of railing to bottom of valley. There is 3.10ft from elevation maker to top of rail, thus the top of the railing is at 210.3 ft elevation on the south end of the bridge (this is our datum line)
3	10.53	3.21	valley bottom not in active channel
6	10.18	3.10	valley bottom not in active channel
9	12.75	3.89	valley bottom not in active channel
12	13.98	4.26	valley bottom not in active channel
15	13.02	3.97	valley bottom not in active channel
18	14.90	4.54	valley bottom not in active channel
21	16.08	4.90	valley bottom not in active channel
24	18.47	5.63	valley bottom not in active channel
27	17.39	5.30	valley bottom not in active channel
30	23.25	7.09	valley bottom not in active channel
33	30.02	9.15	valley bottom not in active channel
36	36.25	11.05	start of water at 37 m distance mark
39	39.10	11.92	active channel
42	40.30	12.28	active channel
45	40.70	12.40	active channel
48	42.30	12.89	active channel
51	42.10	12.83	active channel
54	40.60	12.37	active channel
57	40.60	12.37	active channel
60	39.00	11.89	end of water at 60 m horizontal distance mark
63	30.90	9.42	valley bottom not in active channel
66	23.90	7.28	valley bottom not in active channel
69	21.32	6.50	valley bottom not in active channel
72	21.38	6.52	valley bottom not in active channel
75	19.42	5.92	valley bottom not in active channel
78	19.87	6.06	valley bottom not in active channel
80	18.73	5.71	valley bottom not in active channel
83	15.60	4.75	valley bottom not in active channel
86	12.40	3.78	valley bottom not in active channel
89	8.22	2.51	valley bottom not in active channel
92	5.14	1.57	Luckiamute Bridge, Elevation marker 211 ft on the north end of bridge. Measured from top of railing to bottom of valley. There is 3.10ft from elevation maker to top of rail, thus the top of the railing is at 214.3 ft elevation on the north end of the bridge (this is our datum line)