

Bench	Back Sight	Invert	Fore Sight	Red	Inter Sight	Height	Remarks
						19.375	
	5.685	25.060					
			7.166			17.894	
	5.311	23.205					
					6.150	17.055	Surface of water 50 rods below railroad bridge
22.690			0.575				Line 14 on south bank 50 rods below railroad bridge
			5.522			17.683	
	4.400	22.083					The undersides of bottom chord of railroad bridge is 7.150 above present surface of water. At times of high water the water rises so as to touch the chords and sometimes so as to flood them a little.
			4.602			17.481	
	4.725	22.206					
			3.596			18.610	
	4.800	22.910					
			5.123			17.787	
	5.365	23.152					In constructing reservoir dam at Indian Ford it must be so constructed with waste weirs as that at times of high water the extreme rise shall be no greater than at present.
			4.289			18.863	Aug. 29. 1874.
	9.265	28.128					
			1.997			26.131	
	11.392	37.523					
			1.330			36.193	
	10.730	46.923					
			2.938			43.985	
	8.482	52.467					
			11.070			41.397	
	1.122	42.519					
			11.881			30.638	
	0.919	31.557					
			2.086			29.471	
	8.043	37.514					
			1.716			35.798	
	4.698	40.496					
			8.668			31.828	
	2.136	33.964					
			5.520			28.444	
	4.255	32.699					
			7.523				
25.176			9.583			23.116	Hickory 12 south bank 40 rods below Newville Bridge.
	2.066	25.182					
					7.350	17.832	Surface of water at Newville Bridge