Table 5 - HDT.RP: Statistics of Bridges Final

Statistics of the Bridges over Concord River, between Heard's Bridge

and Billerica Dam, obtained June 22d 23d, & 24th 1859; the level of the water at Concord, in the meanwhile, not having rained one inch from about 3 feet above summer level

Name	When first created	When discontinued	When and how altered, within this century, so as to affect the passage of water	Authority for the preceding statement	Name	Materal at present	Width between abutments in feet	N <u>o</u> of Piers	Width of each	Other obstructions at <u>lowest level</u> <u>of water</u>	Chan width between abutments, at present level of water, (allowing for Xraces	Height of lower[?] side[?] of string piece, or key storm in middle of bridge above water.	Affect[?]on width of river at summer levelas indicated by p????	Depth at		
														Right abutment*	Middle	Left abutment
Heard's or Farm	Before the present century		One wooden pier taken out in 1858, making it deeper	David Heard	Heard's or Farm	wood	43 1/2	1	9 inches		42.75	2 8/12	68	4 1/2	7 3/8	5
Bridle Point	1828		Abutment extended "about 25 feet" in 1837	David Heard	Bridle Point	wood	87 1/4	5	8 & 9 inches		83	4 2/12	112	2 1/2	10 1/2	3 1/4
Hay (unimiportant)		In the last century			Hay- (unimportan t)											
Sudbury Canal	Before the present century		Rebuilt of stone arched in 1858 (having been formerly wood)	David Heard	Sudbury Canal	stone	48	2 (stone)	4 ft & 3 1012 ft	Part of each arch	37 (40 2/12 at low water	3 8/12	69	3 1/4	5 1/2	3
Town or Causeway	Before the present century		Rebuilt of Stone arched about 10 years ago (having been formerly wood) (I have not learned the former width (between abuntments)	David Heard	Town or Causeway	stone	52 3/4	3 (stone	2 10/12 2 10/12 & 2 8/12	Part of each arch	39 1/2 (44 5/12 at low water)	4 1/12	69	3	6 1/2	2 3/4
Sherman's	Before the present century				Sherman's	wood	102 3/4	6	9 & 10 inches	Part of 4 Rd(?) piers left in river	97 3/4	4	135	3 1/2	11 1/8	2.34
Hay (unimportant)	Before the present century	In the last century			Hay- (unimportan t)											
Lee's	As early ast 1660			Hist of Concord	Lee's	wood	94 1/2	6	10 inches	Drifted meadow lodged beneath bridge	89 1/2	4	144	6 1/8	12	5 1/4
Nine-acre-corner	1802			Hist of Concord	Nine-acre- corner	wood	106 1/2	6	10 inches		100	4 10/12	172	6	12	5 1/4
Railroad	about 1844		Rebuilt in 1858	Myself	Railroad	wood	158	9	1 foot	Old piers left in river (xxxxxx obstruction) & meadow lodged under bridge-	136	14 7/12	128	0	10	1 3/8
Concord South	1666			Hist. of Concord	Concord South	wood	89	5	12 & 3 inches		82	6 3/4	114	1 3/4	8 1/2	5
Concord Stone	Original of Wood 1802		Perhaps abuntment extended one xxxx about 1830. Rebuilt of Stone arched in 1839 - Abutment extended approximately 18 or 20 feet.	Town History & Records & Rufus Hosmer	Concord Stone	stone	80 1/4	2 (stone)	8 1/2 & 9 1/2 ft	4 feet of each arch	50 1/4 (62 1/4 at low water)	3 7/12	146	7 5/8	9 1/2	8 10/12
First over river "in" C.	Before 1660	Washed away in 1665		Hist of Concord												

Hunt's	about 1792		Rebuilt in 1818, when one abutment was extended a about xxx a zoden rods 4 a single stones height was built in the middle instead of many wooden ones. Rebuilt again in 1820 with an additional stone high on each side.	Town Hist. & Records. Xx xxxxxx	Hunt's	wood & stone	120 1/2	3 (stone)	8-10 & 8 ft	94 1/2	6 10/12	145	4	6 3/4	4 1/4
Old North	As early as 1660	about 1793		Hist of C. xx											
Present North or Flint's	1793			Hist of C. & John Flint	Present N. or Flint's	wood & stone	123 1/2	3 (stone)	7 1/2 - 9 1/4 -& 8 ft	98 3/4	6 1/2	133	4 1/4	9 1/2	4 3/8
Carlisle	About 1796			Pub. Doc	Carlisle	wood	292	19	1 foot	273	6 7/12	308	3	12 1/4	3 1/2
Hill's	"Built in 1819" and named on Baldwin's map of 1811		Abutment extended "3 different timesabout 1840" (About 7 xxxx fitted after.)	Jonathan hill - & myself Pub Doc. X	Hills	wood	127	7	1 foot	120	6 1/4	242	3 1/4	11 3/4	3 5/8
Middlesex Turnpike	About 1805	about 15 years ago	"Rebuilt in 1828" & abutments extended "some 40 feet"	Jonathan hill &others	Middlesex Turnpike	wood	107			107	6 (at E. abutment)	197	3 1/2	11	
Middle (some say North xxxx was only between these two recently)			"Rebuilt in 1848" & abutment extended "about 70 feet"	Jonathan Hill	Middle	wood	115	5	1 foot	110	5 1/3	215	5 1/2	7 1/2	5
Billerica's Corner			Rebuilt in 1805 with a stone pier in the middle	Jonathan Hill	Billerica or Corner	wood & stone	133 1/2	5 wood, with one stone in mid.	wood 1 foot stone 14 1/2	114	7 1/6	165	4 1/2	7	5 1/4

Notes:
(1) * Footnote on original table "NB often sometimes deper toward one side"
(2) Crossouts in the original. Illegible letters as question marks.

Boatman reference, page 162