

Northern England - Tabulations

In the first column of Tables NE1 & NE2, the letters denote the following:

(N) is Northumberland ≡ Northumberland with Tyne & Wear

(C) is Cumbria

(D) is Durham ≡ Durham with Cleveland

(NY) is North Yorkshire (including York)

(Y) is Yorkshire ≡ East, West & South Yorkshire

(LA) is Lancashire ≡ Lancashire with Merseyside & Greater Manchester

In all Tables any entry of '?' alone means unknown, but added after another symbol or number it implies a high level of doubt. 'c' before any number means that it is a best estimate.

Table NE1: Locations and Dimensions

KEY: Column Headings reading from the left

No. ≡ Unique identifying number for every bridge, made up from a 1-letter or 2-letter county identifier and a number based on alphabetical ordering of bridge names in the county.

Bridge ≡ Name of the bridge, if possible the most generally accepted one.

OS Location ≡ Standard 8-symbol position

River ≡ Name of the river crossed by the bridge, unless it is un-named.

Catchment, if the named river does not flow directly to the sea, the river which does carry its contents to the sea; exceptions are made for major rivers which flow into others, like the River Ure.

Arch No., shown as 'River Arches + Flood Arches', or 'Arches Now (Original Number)' where appropriate.

Arch Shape, symbols; G ≡ Gothic, or Pointed, (shaded, **xxxx**) S-C ≡ Semi-circular, 4-C ≡ 4-centred or Tudor,

Se ≡ Segmental, R ≡ Rectangular including Square.

Arch Span ≡ the span of the largest original arch, prior to extension or rebuilding.

OW ≡ Bridge Width, the width of the original bridge, as built, prior to widening operations, normally measured between parapets, or rails.

Date, refers to the oldest surviving part of the bridge, and 'Arch Span' & 'OW' will normally relate to it.

The appropriate columns are shaded according to whether they have arches spanning more than 7.5m, **xxxx**; widths less than 2.2m, (effectively footbridges of all types including packhorse and clapper bridges), **xxxx**

No	BRIDGE	OS Location	River	Catchment	Arch No.	Arch Form	Arch Span	O W	BUILD DATE
N1	Belasis Bridge	NZ 190 777	R. Blyth		2	Se	7.5m	3.5m	17 th C
N2	Berwick Old Bridge	NT 993 528	R. Tweed		15	Se	23m	5.5m	17 th C
N3	Broomhaugh Bridge	NZ 018 614	Riding Mill B.	R. Tyne	1	Se	?	1.1m	17 th C
N4	Corbridge Bridge	NY 989 642	R. Tyne		7	Se	19.2m	3.6m	1674
N5	Devils Water Old Bridge	NY 976 634	Devil's W.	R. Tyne	2	?	?	?	14 th C
N6	Dilston Earl's Bridge	NY 974 633	Devil's W.	R. Tyne	1	Se	15m	2.4m	17 th C

No	BRIDGE	OS Location	River	Catchment	Arch No.	Arch Form	Arch Span	O W	BUILD DATE
N7	Felton Bridge	NU 185 003	R. Coquet		3	S-C	c10m	3m	15 th C
N8	Ford Bridge	NT 939 375	R. Till	R. Tweed	3	Se	10.2m	c2.8m	16/19 th C
N9	Hartford Bridge	NZ 243 800	R. Blyth		3	Se	c9m	2.5m	16 th C?
N10	Haydon Old Bridge	NY 843 643	R. Sth. Tyne	R. Tyne	6	Se	c17.8m	3.5m	17 th C
N11	Hexham Abbey Bridge	NY 934 642	Halgut B.	R. Tyne	1	G	4.5m	?	13 th C?
N12	Lesbury Bridge	NU 233 116	R. Aln		2	G	11m	3m	15 th C
N13	Linnolds Bridge	NY 955 617	Devils W.	R. Tyne	1	Se	13.5m	3m	1698
N14	Middleton Footbridge	NZ 061 851	Middleton B.	R. Wansbeck	1	G	?	<2m	17 th C
N15	Morpeth Chantry Bridge	NZ 200 859	R. Wansbeck		2	G	17.4m	3.5m	13 th C
N16	Newcastle Old Tyne Bridge	NZ 251 637	R. Tyne		12	G	c10m	c3m	13 th C
N17	Ovingham PH Bridge	NZ 084 636	Whittle B.	R. Tyne	2	Se	c5m	1.5m	17 th C
N18	Prudhoe Castle Bridge	NZ 093 634	Un-named	R. Tyne	1	G/S-C	c2m	c2.5m	14 th C
N19	Rothbury Bridge	NU 059 016	R. Coquet		4	Se	c10.5m	3.3m	15 th C
N20	Salter's Bridge	NZ 255 685	Ouse B.	R. Tyne	2	G	c4m	c2m	16 th C?
N21	Seaton Burn Footbridge	NZ 318 743	Seaton B.		2	Se	?	c4m	17 th /18 th C
N22	Twizel Bridge	NT 885 433	R. Till	R. Tweed	1	Se	27m	4.6m	15 th C
N23	Warkworth Bridge	NU 248 062	R. Coquet		2	Se	18m	3.3m	14 th C
N24	Weetwood Bridge	NU 019 295	R. Till	R. Tweed	1	Se	21.4m	<5m	16 th C
C1	Abbot Holme Bridge	SD 649 908	R. Dee	R. Lune	1	Se	c12.7m	2.1m	17/18 th C
C2	Ambleside Bridge House	NY 373 049	Stock Gyll	R. Rothay	1	Se	4.5m	c3m	17 th C
C3	Backbarrow Bridge	SD 355 849	R. Leven		1	G	c7.8m	c4.7m	17/18 th C
C4	Barley Bridge	SD 470 987	R. Kent		2	Se	7.3m	2.5m	17 th C
C5	Birks Clapper Bridge	SD 413 918	R. Winster		1	R	?	c1m	17/18 th C
C6	Boot Bridge	NY 177 012	Whillan B.	R. Esk	1	Se	8.1m	1.8m	17/18 th C
C7	Bowston Bridge	SD 498 966	R. Kent		2	Se	c9m	c5m	17 th C
C8	Calva Hall PH Bridge	NY 059 265	R. Marron	R. Derwent	1	Se	15m	1.1m	1697
C9	Castle Br. Mallerstang	NY 781 028	R. Eden		1	Se	9m	1.2m	17 th C
C10	Crook of Lune Bridge	SD 620 963	R. Lune		2	Se	c13m	2m	16 th C
C11	Crook PH Bridge	SD 412 943	unknown	R. Winster	1	Se	2.4m	1.8m	17 th C
C12	Devils Bridge (KL)	SD 616 782	R. Lune		3	S-C	16.7m	3.6m	1365
C13	Doctors Bridge	NY 189 007	R. Esk		1	Se	c9m	1.8m	17 th C
C14	Eamont Bridge	NY 522 288	R. Eamont	R. Eden	3	Se	9m	<4m	1425
C15	Elterwater Bridge	NY 328 048	Gt. Langdale B.	R. Rothay	1	Se	c9m	c2.5m	1702
C16	Franks Bridge	NY 755 086	R. Eden		2	Se	9m	<1.5m	17 th C
C17	Furness Bow Bridge	SD 224 715	Mill B.		3	S-C	c2.5m	2.4m	15 th C
C18	Garsdale Bridge	SD 677 920	Clough R.	R. Lune	1	3-C	c10m	1.5m	17 th C
C19	Grisdale Bridge	SD 768 939	Grisdale B.	Clough R.	1	Se	c4m	c2.5m	17 th C
C20	High Beckfoot PH Bridge	SD 614 818	Barbon B.	R. Lune	1	Se	7.2m	0.7m	17 th C
C21	High Sweden Bridge	NY 379 068	Scandale B.	Rydal W.	1	5-C	4.2m	1.7m	17 th C
C22	Kirk Bridge	SD 745 896	Clough R.	R. Lune	1	Se	?	c2.5m	17/18 th C
C23	Lanercost Bridge	NY 553 633	R. Irthing	R. Eden	2	4-C	20m	3m	1543/1724
C24	Laverock Bridge	SD 536 952	R. Mint	R. Kent	1	Se	c9.5m	1.5m	17 th C
C25	Levens Bridge	SD 496 852	R. Kent		2	Se	15.8m	2.4m	17 th C
C26	Lincolns Inn Bridge	SD 631 923	R. Lune		2	Se	17.4m	3.5m	17 th C
C27	Lowgill PH Bridge	SD 616 964	Deep Gill	R. Lune	1	Se	?	cR3m	17 th C
C28	Lowmill Bridge	NY 774 090	R. Eden		2	Se	c7.5m	<3m	17 th C
C29	Middleton Bridge	SD 630 897	R. Rawthey	R. Lune	1	Se	18.6m	>3m	1670
C30	Millthrop Bridge	SD 661 914	R. Rawthey	R. Lune	2	Se	c10m	2.7m	17 th C
C31	Monks Bridge	NY 622 149	Lyvennet B.	R. Eden	2	Se	5.4m	2.3m	17 th C
C32	Monks (Roman) Bridge	NY 063 102	R. Calder		1	G	7.2m	1.2m	c1500
C33	Nether Bridge	SD 517 919	R. Kent		3	Se	c13.5m	3.5m	17 th C
C34	Newby Bridge	SD 369 864	R. Leven		5	Se	c8.5m	4.5m	16 th C
C35	Pasture Beck PH Bridge	NY 410 130	Pasture B.	Ullswater	1	Se	4.5m	c3m	17 th C

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C36	Pelter Bridge	NY 366 060	R. Rothay		3	Se	c10m	3.8m	17 th C
C37	Pennington Devils Bridge	SD 257 796	Un-named		1	Se	4.5m	1.7m	17 th C?
C38	Penny Bridge	SD 312 826	R. Crake	R. Leven	3	Se	c6m	c4.5m	16 th C
C39	Priest Beck Br., Carlisle	NY 400 565	R. Eden		4	Se	18m	5m	17 th C
C40	Rais Beck Bridge	NY 637 065	Rais B.	R. Lune	1	Se	7.2m	c1.9m	17/18 th C
C41	Rosgill Bridge	NY 534 165	R. Lowther	R. Eden	3	Se	10.5m	<3m	17 th C
C42	Slaters Bridge (1)	NY 312 030	R. Brathay	R. Rothay	1	Se	4.5m	1.2m	17 th C
C43	Smaithwaite Bridge	NY 314 194	St. John's Beck	R. Derwent	1+2	Se	4.5m	3m	17/ 18 th C
C44	Stainton PH Bridge	SD 524 859	St. Sundays B.	R. Kent	1	Se	5.4m	>1m	17/18 th C
C45	Stanegarth Bridge	NY 496 178	Cawdale Beck	R. Eamont	1	Se	4.5m	c2m	17/18 th C
C46	Stramongate Bridge.	SD 519 930	R. Kent		4	Se	c12m	3m	14/16/17 th C
C47	Throstle Garth Bridge	NY 228 038	Lincove Beck	R. Esk	1	se	6.3m	1.2m	17 th C
C48	Ulpha Bridge	SD 198 930	R. Duddon		3	Se	c9m	c2m?	17/18 th C
C49	Warcop Bridge	NY 743 151	R. Eden		3	Se	9m	3.3m	14 th C?
C50	Waterhouses Clapper Bridge	NY 713 109	Un-named	R. Eden	7	R	c2m	0.5m	17/18 th C
C51	Willy Goodwaller Bridge	NY 322 087	Far Easedale G.	R. Rothay	1	Se	2.7m	3.2m	17 th C
D1	Aldin Grange Bridge	NZ 250 429	R. Browney	R. Wear	1	3-C	13.5m	<3m	15 th C?
D2	Balder Bridge	NZ 009 200	R. Balder	R. Tees	1	G	12m	3m	15 th C?
D3	Barforth Chapel Br.	NZ 164 161	Chapel Gill	R. Tees	1	G	2.7m	3m	14 th C
D4	Barnard Castle Bridge	NZ 048 164	R. Tees		2	G	17.1m	4.5m	16 th C
D5	Chester New Bridge	NZ 284 523	R. Wear		4	G	9.6m	<5m	15 th C
D6	Croft Bridge	NZ 289 098	R. Tees		7	G	11.4	6m	15 th C
D7	Deanery Bridge	NZ 217 283	R. Gaunless	R. Wear	1	?	?	?	13 th C
D8	Deepdale Bridge	NZ 046 167	Deepdale B.	R. Tees	1	Se	?	2m?	16 th C
D9	Deepdale Footbridge	NZ 002 155	Deepdale B.	R. Tees	1	Se	9.9m	1.6m	1699
D10	Eggleston Bridge	NY 997 232	R. Tees		2	Se	c14m	3.3m	17 th C
D11	Egglestone Abbey PH Br.	NZ 062 152	Thorsgill B.	R. Tees	1	Se	7.1m	1.6m	17 th C
D12	Elvet Bridge	NZ 275 424	R. Wear		8	G	c8m	4.5m	12/13/14 th C
D13	Framwellgate Bridge	NZ 272 424	R. Wear		2	Se	25.5m	5.7m	12/15 th C
D14	Headlam PH Bridge	NZ 179 189	Langton B.	R. Tees	1	S-C	2.7m	1.7m	17/18 th C
D15	Ketton Hall PH Bridge	NZ 303 193	Dry		1	Se	7.2m	1.4m	17/18 th C
D16	Newton Cap Bridge	NZ 205 303	R. Wear		2	G	30m	<4m	14 th C
D17	Piercebridge Bridge	NZ 211 156	R. Tees		3	G	22.5m	<4m	16 th C
D18	Sherburn House Br.	NZ 306 416	Sherburn Ho. B.	R. Wear	1	G	4.8m	3.9m	14 th C
D19	Stanhope Bridge	NY 985 391	R. Wear		1	S-C	10.7m	3m	15 th C
D20	Sunderland Bridge	NZ 265 378	R. Wear		4	S-C	9.4m	5.4m	14 th C
D21	West Hope PH Bridge	NZ 032 093	Hope B.	R. Tees	2	Se + R	3.6m	1.05m	17 th C
D22	Yarm Bridge	NZ 418 131	R. Tees		5	G	11.5m	3.6m	14 th C
D1M	Dinsdale Manor House Bridge	NZ 347 110	Dry		1	Se	c5m	3m	1500
D2M	Low Butterby Bridges	NZ 276 394	Dry		1	Se	c5m	c1.5m	17 th C
NY1	Aldbrough Bridge	NZ 202 114	Aldbrough B.	R. Tees	3	G	c2.8m	1.3m	16 th C
NY2	Aysgarth Bridge	SE 011 886	R. Ure		1	4-C	18m	2.7m	16 th C
NY3	Bain Bridge	SD 935 901	R. Bain	R. Ure	1	G?	?	c3m	16 th C
NY4	Barden Bridge	SE 052 574	R. Wharfe		3	Se	c17m	<3m	17 th C
NY5	Baysdale Abbey PH Br.	NZ 620 068	Black B.	R. Esk	1	G	>2m	2.4m	13 th C
NY6	Beggars Bridge	NZ 784 055	R. Esk		1	Se	16m	2m	1619
NY7	Boroughbridge Br.	SE 396 670	R. Ure		3	G	18m	c4m	16 th C
NY8	Bow Bridge	SD 935 910	Sargill B.	R. Ure	1	S-C	?	c3m	15 th C
NY9	Brompton Bridge	SE 212 999	Skeeby B.	R. Swale	1	Se	?	?	1691
NY10	Burnsall Bridge	SE 033 612	R. Wharfe		5	Se	c15m	c4m	17 th C
NY11	Butterton Bridge	SE 238 665	Hebden B.	R. Ure	1	G	3.45m	5.5m	13 th C
NY12	Catterick Bridge	SE 227 993	R. Swale		4	4-C	c19m	4.4m	16 th C
NY13	Clow Beck PH Bridge	NZ 281 100	Clow B.	R. Tees	2	Se	3.6m	1.2m	15 th C
NY14	Coverham Abbey Br.	SE 104 862	R. Cover	R. Ure	1	Se	15m	3.6m	15 th C

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NY15	Cowside Beck Bridge	SD 930 719	Cowside B.	R. Wharfe	1	Se	c8m	c3m	17/18 th C
NY16	Downholme Bridge	SE 114 992	R. Swale		3	G/Se	c17m	3.9m	17 th C
NY17	Flascoe Clapper Br.	SD 774 686	Austwick B.	R. Lune	5	R	c1.6m	c0.7m	15 th C
NY18	Fountains Abbey Infirmary Br.	SE 275 683	R. Skell	R. Ure	3	S-C	3.6m	c2.5m	12 th C
	Fountains Abbey Mill Br.	SE 275 683	R. Skell	R. Ure	2	G	c6m	4.8m	14 th C
NY19	Foxup Bridge	SD 872 767	Cosh B.	R. Wharfe	1	Se	?	c4m	17 th C?
NY20	Grassington Bridge	SD 998 639	R. Wharfe		5	Se	c11m	3.2m	17 th C
NY21	Grinton Bridge	SE 047 985	R. Swale		3	4-C/Se	c13.8m	c3m	16 th C
NY22	Hampsthwaite Bridge	SE 261 591	R. Nidd		3	Se	c10.5m	c2.5m	1640
NY23	Hampsthwaite PH Br.	SE 260 587	Cockhill B.	R. Nidd	1	Se	3.6m	1.35m	17/18 th C
NY24	Howden Bridge	SE 351 920	R. Wiske	R. Swale	3	G	?	c3.5m	15 th C
NY25	Hubberholme PH Br.	SD 935 788	Crook Gill	R. Wharfe	1	Se	4m	1.5m	17/18 th C
NY26	Hullo Bridge	SE 118 865	R. Cover	R. Ure	1	Se	10.5 m	2.4m	17 th C
NY27	Inghey Bridge	SD 961 517	R. Aire		3?	Se	c13.3m	c4.3m	17 th C
NY28	Irongate PH Bridge	SE 285 555	Oak Beck	R. Nidd	1	S-C	6m	1.9m	17/18 th C
NY29	Ivelet Bridge	SD 933 978	R. Swale		1	Se	20m	2.5m	17 th C
NY30	Kildwick Bridge	SE 011 457	R. Aire		4	G/Se	c13m	4.5m	14 th C
NY31	Kilgram Bridge	SE 186 864	R. Ure		6	Se	6.3m	4.5m	15 th C?
NY32	Killinghall Bridge	SE 287 597	R. Nidd		6	Se	c10.5m	c3.6m	15 th C
NY33	Kirkham Bridge	SE 733 658	R. Derwent		3	G	c7.5m	3.3m	15 th C
NY34	Knaresborough Br.	SE 345 571	R. Nidd		2	G	c13.1m	c3m	15 th C?
NY35	Knox PH Bridge	SE 295 578	Oak Beck	R. Nidd	1	Se	5.5m	1.2m	17/18 th C
NY36	Ling Gyll Bridge	SD 803 789	Ling Gill B.	R. Ribble	1	Se	c6m	4.8m	17 th C
NY37	Linton Clapper Bridge	SD 997 627	Linton B.	R. Wharfe	3	R	c1.4m	c0.6m	17 th C
	Linton PH Bridge	SD 997 627	Linton B.	R. Wharfe	2	Se	c9.5m	1.15m	17 th C
NY38	Little Emily's Bridge	SE 000 633	Captain's B.	R. Wharfe	1	Se	4.5m	0.75m	17/18 th C
NY39	Little Ings Bridge	SD 923 874	Little Ings Syke	Semer W.	1	Se	?	3m?	17 th C
NY40	Malham Moon Bridge	SD 901 630	Malham B.	R. Aire	4	R	?	?	16 th C
NY41	Marske Bridge	NZ104 004	Marske B.	R. Swale	1	Se	?	c2.5m	15 th C
NY42	Pant Clapper Br. (2)	SD 768 681	Austwick B.	R. Lune	3	R	c1m	0.75m	17 th C?
NY43	Pickering Bridge	SE 796 841	Pickering B.	R. Derwent	3 (5)	Se	?	3.5m	c1500
NY44	Pillimire PH Bridge	NZ 100 007	Marske B.	R. Swale	2	Se	c9.5m	1.25m	17 th C
NY45	Ripley Tower Bridge	SE 282 604	Ripley B.	R. Nidd	1	Se	?	c5m	17 th C
NY46	Ripon North Bridge	SE 318 721	R. Ure		12	G/Se	7.8m	3.9m	1309
NY47	Romanby PH Bridge	SE 358 935	Willow B.	R. Swale	1	Se	6.3m	1.5m	17 th C
NY48	Rye Bridge, Helmsley	SE 614 836	R. Rye	R. Derwent	2	G	11m	3m	14 th C
NY49	Semer Water Bridge	SD 921 877	R. Bain	R. Ure	3	Se	?	3m	17 th C
NY50	Sessay Bridge	SE 444 739	Birdforth B.	R. Swale	1	G	3.6m	4.5m	15 th C
NY51	Settle Bridge	SD 817 641	R. Ribble		2	4-C	11.8m	3m	15 th C
NY52	Sinnington PH Bridge	SE 744 859	Dry		1	Se	3m	2m	17/18 th C
NY53	Skeeby Bridge	NZ 204 029	Skeeby B.	R. Swale	4	Se/S-C	?	?	17 th C?
NY54	Skipton Wilderness Br.	SD 994 517	Wilderness B.	R. Aire	1	Se	?	1.5m	17/18 th C
NY55	Stainforth PH Bridge	SD 818 672	R. Ribble		1	Se	17.4m	2.2m	17 th C
NY56	Stokesley PH Bridge	NZ 524 085	R. Leven	R. Tees	1	Se	10.8m	1.5m	17 th C
NY57	Summer Bridge	SE 200 623	R. Nidd		2	Se	c14m	>3m	17/18 th C
NY58	Tadcaster Old Br.	SE 487 435	R. Wharfe		9	Se	9m	5.5m	1698
NY59	Thirsk Townend PH Br.	SE 435 807	Cod B.	R. Swale	1	Se	9.9m	1.6m	1672
NY60	Thorn Gill Bridge	SD 777 794	Thorn Gill	R. Ribble	1	Se	4.5m	2m	17 th C
NY61	Thorntwaite PH Br.	SE174 593	Padside B.	R. Nidd	1	Se	3.9m	1m	15 th C?
NY62	Thruscross Clapper Br.	SE 130 583	Capelshaw B.	Thrus. Res.	2	R	c0.8m	0.5m	17/18 th C
NY63	Topcliffe Bridge	SE 396 760	R. Swale		2	Se	14.4m	>3m	1622
NY64	Ulla PH Bridge	SE 091 851	Caldbergh G.	R. Ure	1	Se	4.5m	3.3m	17/18 th C
NY65	Ulshaw Bridge	SE 145 672	R. Ure		4	Se	19m	3.6m	17 th C
NY66	Wath Bridge	SE 145 677	R. Ure		2	Se	>15m	1.5m	17 th C
NY67	Welburn Tilehouse Bridge	SE 660 850	Hodge B.	R. Rye	1	Se	c8m	6.5m	17/18 th C

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NY68	Wensley Bridge	SE 091 894	R. Ure		4	G	11.1m	3.3m	15 th C
NY69	West Gilling Bridge	NZ 183 053	Gilling B.	R. Swale	4	Se	?	>3m	15 th C
NY70	West Scafton Bow Br.	SE 074 836	R. Cover feed	R. Ure	1	G	?	c1.5m	15 th C
NY71	Winterburn Bridge	SD 934 585	Winterburn B.	R. Aire	1	Se	?	2.6m	17 th C
NY72	Yafforth Bridge	SE 346 944	R. Wiske	R. Swale	2	Se	?	c3m	1682
NY73	Yockenthwaite PH Br.	SD 905 790	R. Wharfe		1	Se	16m	2.25m	17/18 th C
NY1M	Scarborough Castle Bridge	TA 049 891	Dry		2	Se	?	c4m	13 th C
Y1	Addingham Footbridge	SE 085 496	Town B.	R. Wharfe	1	Se	c4.5m	c0.9m	17/18 th C
Y2	Apperley Bridge	SE 194 380	R. Aire		2	Se	13.5m	3.3m	1601
Y3	Burbage Brook PH	SK 263 815	Burbage B.	R. Derwent	1	Se	3.6m	1.5m	17/18 th C
Y4	Close Gate PH Bridge	SE 029 121	Haigh Clough	R. Calder	1	Se	5.4m	1.25m	17/18 th C
Y5	Elvington Bridge	SE 705 477	R. Derwent		2	Se	c12.5m	3.6m	c1500
Y6	Hebble Hole Clapper Br.	SD 968 282	Colden W.	R. Calder	2	R	?	c0.7m	17/18 th C
Y7	Hebden PH Bridge	SD 992 273	Hebden W.	R. Calder	3	Se	c9m	2.4m	1510
Y8	Horsford Clapper Bridge	SE 245 387	Moseley B.	R. Aire	3	R	?	2.5m	17/18 th C
Y9	Ilkley Bridge	SE 112 481	R. Wharfe		3	Se	c17.5m	4m	17 th C
Y10	Ireland Bridge	SE 105 394	R. Aire		6	Se	c9m	c4.3m	1686
Y11	Kexby Bridge	SE 705 511	R. Derwent		3	Se	11m	4.5m	1420
Y12	Lady's Bridge	SK 357 878	R. Don		5?	G?	c7.5m	4.4m	15 th C
Y13	Lumb Packhorse Bridge	SD 992 314	Crimsworth B.	Hebden W.	1	Se	4.5m	1.5m	17/18 th C
Y14	Mellor Bridge	SE 047 117	R. Colne	R. Calder	1	Se	10m	0.9m	17/18 th C
Y15	Mytholmroyd Bridge	SE 013 260	R. Calder		2	Se	12.5m	2.7m	1684
Y16	Newsholme Dean Clapper Br.	SE 019 405	Dean B.	R. Aire	2	R	?	0.6m	17/18 th C
Y17	Otley Bridge	SE 201 459	R. Wharfe		5 + 2	Se	9m	2.7m	1228
Y18	Oxygrains PH Bridge	SE 004 158	Outflow	R. Calder	1	Se	4.8m	2.5m	17 th C
Y19	Roche Abbey Bridge	SK 544 898	Maltby Dike	R. Trent	2	Se	c3.6m	c2.5m	14 th C
Y20	Rotherham Bridge	SK 427 931	R. Don		4 (6)	G	c7m	4.6m	15 th C
Y21	Rowlands Clapper Br.	SK 591 928	Paper Mill Dyke	R. Trent	4	R	c1.5m	?	17/18 th C
Y22	Sowerby County Bridge	SE 059 235	R. Calder		3	Se	c11m	c3.5m	1517
Y23	Strines Bridge	SD 959 285	Colden W.	R. Calder	1	Se	6.6m	0.8m	17/18 th C
Y24	Wakefield Bridge	SE 338 201	R. Calder		9	G	>8m	c4.5m	14 th C
T25	Wetherby Bridge	SE 404 480	R. Wharfe		6	S-C&G	c6.7m	3.5m	1233
Y26	Wilberfoss Bridge	SE 732 510	Foss B.	R. Derwent	1	G	c4m	c1m	15 th C
Y27	Willow PH Bridge	SE 267 026	R. Don		1	G?	9m	0.9m	17/18 th C
LA1	Bacup Old Bridge	SD 870 246	R. Irwell	R. Mersey	1	Se	?	c3m	17 th C
LA2	Catlow PH Bridge	SD 884 363	Catlow B.	R. Ribble	1	S-C	3m	1.3m	17/18 th C
LA3	Croston PH Bridge	SD 490 185	R. Yarrow	R. Ribble	1	Se	11.7m	2.5m	1682
LA4	Edisford Bridge	SD 726 414	R. Ribble		9 (5)	G	7.8m	2.4m	14 th C
LA5	Higherford PH Bridge	SD 863 402	Pendle W.	R. Ribble	1	Se	12m	2.6m	16 th C
LA6	Ireby Clapper Bridge	SD 654 755	Ireby B.	R. Lune	2	R	?	0.75m	17/18 th C
LA7	Keer PH Bridge	SD 529 719	R. Keer		1	Se	?	c1.5m	17 th C
LA8	Lever Bridge	SD 865 053	R. Irk	R. Mersey	1	Se	c5.5m	c2m	17 th C
LA9	Lower Hodder PH Br.	SD 704 392	R. Hodder	R. Ribble	3	Se	c15m	2.1m	1561
LA10	Loyne Bridge	SD 582 697	R. Lune		3	Se	18.75m	<3.5m	15/16 th C
LA11	Manchester Hanging Bridge	SJ 839 987	Ditch	R. Irwell	2	G	5.1m	2.7m	1421
LA12	Paythorne Bridge	SD 831 513	R. Ribble		2 + 2	Se	9.75m	2.75m	16 th C
LA13	Rawtenstall PH Bridge	SD 811 226	R. Irwell	R. Mersey	2	Se	c6m	c3m	17/18 th C
LA14	Ringley Old Bridge	SD 763 053	R. Irwell	R. Mersey	3	Se	c12.7m	3.3m	1677
LA15	Saddle (Fairy) Bridge	SD 703 435	Bashall B.	R. Ribble	1	Se	7.5m	0.8m	17/18 th C
LA16	Swanside PH Bridge	SD 785 454	Swanside B.	R. Ribble	1	Se	6.6m	1.8m	16 th C
LA17	Whalley Bridge	SD 733 359	R. Calder	R. Ribble	3(2)	S-C/G	10m	3m	14 th C
LA18	Wycoller PH Bridge	SD 932 392	Wycoller B.	R. Ribble	2	Se	4.2m	0.65m	16/17 th C
LA1M	Clayton Hall Bridge	SJ 881 985	Lake		2	Se	c4m	>3m	17 th C
LA2M	Peel Hall Bridge	SJ 837 868	Dry		3	Se	2.5m	3m	15 th C
LA3M	Speke House Bridges	SJ 419 826	Dry		1	Se	0.9m	2.6m	16 th C

Table NE2: Bridge Characteristics

KEY: Column Headings reading from the left

No. & Bridge as in Table S1

Fabric, the building material, A ≡ ashlar, CR ≡ Coursed Rubble, R ≡ Random Rubble, B ≡ Brick, W ≡ Wood; if two types are present in significant proportions, it is shown A/CR.

Profile, as seen from upstream or downstream, where possible referring to the original bridge, F ≡ Flat, P ≡ Rising to a central Peak, H ≡ Humped, C ≡ Gently curved.

Refuges, total number, referring if possible to the original bridge; NA entered for single-arch bridges

Arch Rings with nomenclature **W/X/Y/Z** where **W** ≡ number of arch rings, **X** is an indicator for chamfering ≡ C, or not ≡ U, **Y** describes the arrangement of the arch rings with categories F ≡ Flush, R ≡ Recessed, H ≡ Hood Mould, above, 2O ≡ Arch Rings in two orders, etc., and **Z** indicates the finish on the individual voussoirs in the arch rings with R ≡ Rough, unshaped, S ≡ Shaped, D ≡ Dressed, finely machined. 3 examples are given below.

3/C/2O/D



1/U/H/S



1/U/F/R



Soffits and Ribs Features, number of ribs, and whether they are chamfered ≡ C (as above, left), or not ≡ U

Pier Width, subjective estimate, B ≡ Broad, U ≡ Unexceptional, S ≡ Slender, C ≡ Pierced Causeway, & NA for a bridge with 1 arch

Parapet Features, entries only if non-standard, R ≡ Railings, C ≡ Corbelled Out, S ≡ Splayed Out at ends, Low, None.

W <->, entries indicate whether the bridge has been widened, No, Yes (but how unknown), U ≡ Upstream Face, D ≡ Downstream Face, B ≡ Both Faces

Date as in Table NE1

Shading in the relevant columns means chamfered arch rings, xxxx, hood moulds, xxxx, and ribs, xxxx. In cases where chamfering and hood moulds are present, I have added ** to the former

No.	Bridge	Fabric	Profile	No. of Refuges	Arch Ring Features	Soffits & Ribs Features	Pier Width	Parapet Features	<-> W	Build Date
N1	Belasis Bridge	R	P	2	1/U/H/D	0	B		No	17 th C
N2	Berwick Old Bridge	CR	C	28	2/U/2O/S	0	B		No	17 th C
N3	Broomhaugh PH Bridge	CR	P	NA	1/U/F/D	0	NA		No	17 th C
N4	Corbridge Bridge	CR	F	12	2/U/2O/D	0	U	C	B	1674

No.	Bridge	Fabric	Profile	No. of Refuges	Arch Ring Features	Soffits & Ribs Features	Pier Width	Parapet Features	<--> W	Build Date
N5	Devils Water Old Bridge	?	?	?	?	?	?	?	?	14 th C
N6	Dilston Earl's Bridge	CR/A	P	NA	2/U/2O/D	0	NA		No	17 th C
N7	Felton Bridge	CR	F	4	2/C/2O/D	4U	B	S	U	15 th C
N8	Ford Bridge	A	F	0	2/U/2O/D	4C?	U		U	16/19 th C
N9	Hartford Bridge	A	F	0	1/U/F/D	0	U		B	16 th C?
N10	Haydon Old Bridge	CR/A	C	10	1/U/R/D	0	B		No	17 th C
N11	Hexham Abbey Bridge	A	F	NA	2/U/2O/D	4C?	NA		B	13 th C?
N12	Lesbury Bridge	CR/A	C	2	3/C/3O/D	0	B		D	15 th C
N13	Linnolds Bridge	CR	C	NA	1/U/H/D	0	NA		No	1698
N14	Middleton Footbridge	R	F	NA	1/U/F/R	0	NA	Low	U	17 th C
N15	Morpeth Chantry Bridge	R	C	2	2/?/?/D	4?	B		U	13 th C
N16	Newcastle Old Tyne Bridge	CR	F	0	3/C/3O/D	5C	B		No	13 th C
N17	Ovingham PH Bridge	CR	C	0	1/U/R/D	0	U		No	17 th C
N18	Prudhoe Castle Bridge	A/R	F	NA	1/C/F/D	3C	NA		D?	14 th C
N19	Rothbury Bridge	CR	C	0	2/C/2O/D	4C	U	B	B	15 th C
N20	Salter's Bridge	CR	F	1	2/C/2O/D	3C	U		D	16 th C?
N21	Seaton Burn Footbridge	CR	F	0	1/U/H/D	0	U		No	17/18 th C
N22	Twizel Bridge	CR	P	NA	2/C/2O/D	5C	NA		No	15 th C
N23	Warkworth Bridge	CR	F	2	2/C/2O/D	4C	B		No	14 th C
N24	Weetwood Bridge	A	P	NA	1/U/H/D	0	NA		No	16 th C
C1	Abbot Holme Bridge	R	P	NA	1/U/H/D	0	NA		No	17/18 th C
C2	Ambleside Bridge House	R	F	NA	1/U/F/S	0	NA	NA	No	17 th C
C3	Backbarrow Bridge	R	F	NA	1/U/F/R	0	NA		U	17/18 th C
C4	Barley Bridge	R	F	0 - 1 later	1/U/F/R	0	U		U	17 th C
C5	Birks Clapper Bridge	R	F	NA	NA	NA			No	17/18 th C
C6	Boot Bridge	R	C	NA	1/U/F/R	0	NA	Low	U	17/18 th C
C7	Bowston Bridge	R	F	0	1/U/F/R	0	U		U	17 th C
C8	Calva Hall PH Br.	R	H	NA	1/U/H/D	0	NA	Low	No	1697
C9	Castle Br., Mallerstang	R	F	NA	1/U/F/S	0	NA		U	17 th C
C10	Crook of Lune Bridge	CR	C	0	1/U/R/S	0	U		No	16 th C
C11	Crook PH Bridge	R	C	NA	1/U/F/R	0	NA	None	No	17 th C
C12	Devils Bridge (KL)	A	C	4	3/C/3O/D	4C	U		No	1365
C13	Doctors Bridge	R	H	NA	1/U/F/R	0	NA		U	17 th C
C14	Eamont Bridge	CR/A	C	4	3/U/3O/D	(4 +2)U	B		D	1425
C15	Elterwater Bridge	R	F	NA	1/U/F/R	0	NA	Low	U	1702
C16	Franks Bridge	CR	C	0	1/U/F/S	0	U		No	17 th C
C17	Furness Bow Br.	CR	F	0	1/U/F/S	0	U	None	No	15 th C
C18	Garsdale Bridge	R	H	NA	2/U/F/S	0	NA		D	17 th C
C19	Grisdale Bridge	R	H	NA	1/U/F/R	0	NA	None	No	17 th C
C20	High Beckfoot PH Br.	R	H	NA	1/U/F/S	0	NA	Low	No	17 th C
C21	High Sweden Bridge	R	C	NA	1/U/F/R	0	NA	None	No	17 th C
C22	Kirk Bridge	CR	F	NA	1/U/F/S	0	NA		U	17/18 th C
C23	Lanercost Bridge	A	P	2	3/U/3O/D	0	B		No	1543/1724
C24	Laverock Bridge	R	H	NA	1/U/F/S	0	NA		D	17 th C
C25	Levens Bridge	R	F	0	2/U/F/S	0	B		U	17 th C
C26	Lincolns Inn Bridge	R	P	0	2/U/2O/S	0	U		No	17 th C
C27	Lowgill PH Bridge	R	F	NA	1/U/F/R	0	NA	None	No	17 th C
C28	Lowmill Bridge	CR	C	0	1/U/F/S	0	U		No	17 th C
C29	Middleton Bridge	R	C	NA	2/U/2O/S	0	NA		No	1670
C30	Millthorp Bridge	R	C	1	2/U/H/R	0	B		No	17 th C
C31	Monks Bridge	CR	H	0	1/U/H/S	0	B	R	D	17 th C
C32	Monks (Roman) Bridge	R	C	NA	1/U/F/R	0	NA	None	No	c1500
C33	Nether Bridge	R	C	2	2/U/F/S	0	U		U	17 th C
C34	Newby Bridge	R	C	8	1/U/F/R	0	B		No	16 th C

No.	Bridge	Fabric	Profile	No. of Refuges	Arch Ring Features	Soffits & Ribs Features	Pier Width	Parapet Features	<--> W	Build Date
C35	Pasture Beck PH Br.	R	F	NA	1/U/F/R	0	NA	R	U?	17 th C
C36	Pelter Bridge	CR	C	0	1/U/F/R	0	NA		No	17 th C
C37	Pennington Devils Br.	R	H	NA	2/U/F/S	0	NA	Low	No	17 th C?
C38	Penny Bridge	R	F	0	1/U/H/D	0	B		D	16 th C
C39	Priest Beck Br. Carlisle	A	C	6	2/U/F/D	0	U		No	17 th C
C40	Rais Beck Bridge	R	H	NA	1/U/F/R	0	NA	None	No	17/18 th C
C41	Rosgill Bridge	CR	C	4	1/U/F/S	0	B	R	No	17 th C
C42	Slaters Bridge	R	H	NA	1/U/F/R	0	NA	R	No	17 th C
C43	Smaithwaite Bridge	R	F	NA	1/U/F/R	0	NA	None	No	17/ 18 th C
C44	Stainton PH Bridge	CR/R	H	NA	1/U/F/R	0	NA	Low	No	17/18 th C
C45	Stanegarth Bridge	R	C	NA	1/U/F/S	0	NA	None	No	17/18 th C
C46	Stramongate Br.	?	F	0	?	0	B	R	B	16/17 th C
C47	Throstle Garth Bridge	R	C	NA	1/U/F/R	0	NA	Low	No	17 th C
C48	Ulpha Bridge	R	F(H?)	0	2/U/F/R	0	S/C		U	17/18 th C
C49	Warcop Bridge	CR/A	C	4	2/U/2O/D	4U	B		No	14 th C?
C50	Waterhouses Clapper Bridge	?	F	NA	NA	NA	NA	NA	NA	17/18 th C
C51	Willy Goodwaller Bridge	R	C	NA	1/U/F/R	0	NA	None	No	17 th C
D1	Aldin Grange Bridge	CR	F	NA	2/C/2O/D	0	NA		No	15 th C?
D2	Balder Bridge	CR/A	P	NA	2/U/2O/D	4C	NA		U	15 th C?
D3	Barforth Chapel Br.	R/CR	F	NA	1/C/F/D	3C	NA	C	D?	14 th C
D4	Barnard Castle Bridge	A	C	2	3/U/3O/D	5U	B		No	16 th C
D5	Chester New Bridge	CR	F	0	2/C/2O/D	5C	B		No	15 th C
D6	Croft Bridge	CR	F	12	2/C/2O/D	(5 + 6)C	B	C	U	15 th C
D7	Deanery Bridge	R	?	NA	?	?	NA		?	13 th C
D8	Deepdale Bridge	CR	F	NA	?	0	NA		B	16 th C
D9	Deepdale Footbridge	R	H	NA	2/U/2O/S	0	NA	Low	No	1699
D10	Eggleston Bridge	R	F	2	2/U/F/S	0	U		No	17 th C
D11	Egglestone Abbey PH Br.	CR	H	NA	1/U/F/S	0	NA	Low	No	17 th C
D12	Elvet Bridge	CR	F	0	2/C/2O/D	5U	B		B	12/13/14 th C
D13	Framwellgate Bridge	CR	F	0	3/C/3O/D	5 + 2U	B		U	12/15 th C
D14	Headlam PH Bridge	R	C	NA	1/U/F/S	0	NA	Low	No	17/18 th C
D15	Ketton Hall PH Bridge	R/CR	P	NA	1/U/F/D/K	0	NA	Low	No	17/18 th C
D16	Newton Cap Bridge	R/A	F	0	3/U/3O/S	0	B	B/R	No	14 th C
D17	Piercebridge Bridge	A	F	4	2/U/2O/D	0	B		D	16 th C
D18	Sherburn House Br.	CR	F	NA	2/C/2O/D	4C	NA	None	U?	14 th C
D19	Stanhope Bridge	R	H	NA	1/U/F/S	3C	NA		D	15 th C
D20	Sunderland Bridge	CR	F	6	2/C/2O/D	5C	B		U	14 th C
D21	West Hope PH Bridge	R	F	0	1/U/F/R	0	U	None	No	17 th C
D22	Yarm Bridge	A	F	8	1/C/H/D**	4C	B		D	14 th C
D1M	Dinsdale Manor House Bridge	R	F	NA	1/U/F/D/	0	NA		No	c1500
D2M	Low Butterby Moat Bridges	CR	F	NA	1/U/F/S	0	NA		?	17 th C
NY1	Aldbrough Bridge	R	C	0	1&2/U/F/S	0	B	Low	No	16 th C
NY2	Aysgarth Bridge	CR	C	NA	2/U/2O/S	0	NA		D	16 th C
NY3	Bain Bridge	CR	C	NA	1/U/F/S	0	NA		D	16 th C
NY4	Barden Bridge	A	C	4	2/U/2O/D	0	U		No	17 th C
NY5	Baysdale Abbey PH Br.	A/R	F	NA	1/U/F/D	4U	NA	Low	No	13 th C
NY6	Beggars Bridge	CR	H	NA	1/U/H/D	0	NA	Low	No	1619
NY7	Boroughbridge Br.	CR	C	0	1/U/H/D	5U	U	B	B	16 th C
NY8	Bow Bridge	R	F	NA	1/C/F/D	4C	NA	None	D	15 th C
NY9	Brompton Bridge	R	C	NA	?	0	NA		D	1691
NY10	Burnsall Bridge	A	F	8	1/U/F/D	0	B		No	17 th C
NY11	Butterton Bridge	R	F	NA	1/U/F/D	4U	NA	None	No	13 th C
NY12	Catterick Bridge	A	C	6	2/U/2O/D	0	B		D	16 th C
NY13	Clow Beck PH Bridge	R	P	0	1/U/F/S	0	C	Low	No	15 th C

No.	Bridge	Fabric	Profile	No. of Refuges	Arch Ring Features	Soffits & Ribs Features	Pier Width	Parapet Features	<--> W	Build Date
NY14	Coverham Abbey Br.	R	H	NA	1/U/F/S	0	NA		No	15 th C
NY15	Cowside Beck Bridge	R	H	NA	1/U/F/S	0	NA		No	17/18 th C
NY16	Downholme Bridge	R	F	4	1/U/F/D	0	U		No	17 th C
NY17	Flascoe Clapper Br.	R	F	0	NA	NA	U	None	No	15 th C
NY18	Fountains Abbey Infirmary Br.	CR	F	0	2/C/2O/D	3C	U		No	12 th C
	Fountains Abbey Mill Br.	A	F	0	2/C/2O/D	5C	B		No	14 th C
NY19	Foxup Bridge	R	H	NA	1/U/F/R	0	NA	S	No	17 th C?
NY20	Grassington Bridge	A	F	0	2/U/2O/D	0	U		U	17 th C
NY21	Grinton Bridge	R	F	4	2/U/2O/D	0	B		D	16 th C
NY22	Hampsthwaite Bridge	CR	F	4	1/U/H/D	0	U	C/S	B	1640
NY23	Hampsthwaite PH Br.	CR	H	NA	1/U/F/S	0	NA		No	17/18 th C
NY24	Howden Bridge	A	F	2	2/C/2O/D	7C?	C		D	15 th C
NY25	Hubberholme PH Br.	R	F	NA	1/U/F/R	0	NA	None	No	17/18 th C
NY26	Hullo Bridge	R	F	NA	2/U/2O/S	0	NA		No	17 th C
NY27	Inghey Bridge	A	F	0	3/U/3O/D	0	U		D	17 th C
NY28	Irongate PH Bridge	R	H	NA	1/U/F/S	0	NA	None	No	17/18 th C
NY29	Ivelet Bridge	R	H	NA	1/U/H/S	0	NA		No	17 th C
NY30	Kildwick Bridge	CR	C	0	2/C/2O/D	5C	B		D	14 th C
NY31	Kilgram Bridge	A/CR	F	0	1/C/F/D	2C + 2U	B		No?	15 th C?
NY32	Killinghall Bridge	CR	F	0	1/U/R/D	4U	B		U	15 th C
NY33	Kirkham Bridge	CR/A	F	4	2/C/2O/D	0	U		No	15 th C
NY34	Knaresborough Br.	A	F	0	2/C/2O/D	4C	B		B	15 th C?
NY35	Knox PH Bridge	A/CR	F	NA	1/U/F/D	0	NA	Low	No	17/18 th C
NY36	Ling Gyll Bridge	R	F	NA	1/U/H/D	0	NA		No	17 th C
NY37	Linton Clapper Bridge	R	F	NA	NA	0	U	R	No	17 th C
	Linton PH Bridge	CR	C	0	1/U/H/D	0	U		No	17 th C
NY38	Little Emily's Bridge	CR	P	NA	1/U/F/S	0	NA	Low	No	17/18 th C
NY39	Little Ings Bridge	R	P	NA	1/U/H/S	0	NA		D	17 th C
NY40	Malham Moon Bridge	R	F	NA	NA	0	U	None	No	16 th C
NY41	Marske Bridge	A	F	NA	1/C/H/D**	5C	NA		U	15 th C
NY42	Pant Clapper Br. (2)	R	F	NA	NA	0	U	None	No	17 th C?
NY43	Pickering Bridge	CR	F	0	2/C/2O/D	3C	U		D	c1500
NY44	Pillimire PH Bridge	R	F	0	1/U/H/S	0	C		D	17 th C
NY45	Ripley Tower Bridge	CR	F	NA	2/C/2O/S	0	NA		?	17 th C
NY46	Ripon North Bridge	A	F	0	2/U/2O/D	0	U		U	1309
NY47	Romanby PH Bridge	A	H	NA	2/U/2O/D	0	NA	Low	No	17 th C
NY48	Rye Bridge, Helmsley	A	C	0	2/C/2O/D	4C	B		U	14 th C
NY49	Semer Water Bridge	CR	P	4	1/U/H/S	0	U		No	17 th C
NY50	Sessay Bridge	R	P	NA	2/C/2O/D	5C	NA		No	15 th C
NY51	Settle Bridge	R	C	0	2/C/2O/D	4C	B		D	15 th C
NY52	Sinnington PH Bridge	CR	C	NA	1/U/F/S	0	NA	None	No	17/18 th C
NY53	Skeeby Bridge	R	F	0	1/U/F/S	0	C		U	17 th C?
NY54	Skipton Wilderness Br.	CR	C	NA	1/U/F/S	0	NA		No	17/18 th C
NY55	Stainforth PH Bridge	R	P	NA	1/U/F/S	0	NA	Low	No	17 th C
NY56	Stokesley PH Bridge	CR	H	NA	2/U/2O/D	0	NA	Low	No	17 th C
NY57	Summer Bridge	CR	F	1	2/U/2O/D	0	U		D	17/18 th C
NY58	Tadcaster Bridge	A	C	0	1/C/H/D	0	U		B	1698
NY59	Thirsk Townend PH Br.	CR	H	NA	2/U/2O/D	0	NA	Low	No	1672
NY60	Thorn Gill Bridge	R	H	NA	1/U/F/R	0	NA	None	No	17 th C
NY61	Thorntwaite PH Br.	R	H	NA	1/U/R/S	0	NA	Low	No	15 th C?
NY62	Thruscross Clapper Br.	R	F	NA	NA	0	U	None	No	17/18 th C
NY63	Topcliffe Bridge	CR	F	0	2/U/2O/D	5U	U	B	B	1622
NY64	Ulla PH Bridge	R	F	NA	1/U/F/R	0	NA	Low	?	17/18 th C

No.	Bridge	Fabric	Profile	No. of Refuges	Arch Ring Features	Soffits & Ribs Features	Pier Width	Parapet Features	<--> W	Build Date
NY65	Ulshaw Bridge	CR	F	6	2/C/2O/D	0	B		No	17 th C
NY66	Wath Bridge	CR	H	0	2/U/2O/D	D	C	R	U	17 th C
NY67	Welburn Tilehouse Bridge	A	P	NA	1/U/F/D	0	NA		No	17/18 th C
NY68	Wensley Bridge	CR	F	0	2/C/2O/D	0	U		U	15 th C
NY69	West Gilling Bridge	R	?	0	?	5C	?		U	15 th C
NY70	West Scrafton Bow Br.	R	F	NA	1/U/F/S	0	NA		B	15 th C
NY71	Winterburn Bridge	R	P	NA	2/U/2O/S	0	NA		D	17 th C
NY72	Yafforth Bridge	A	F	0	2/C/2O/D	0	C		U	1682
NY73	Yockenthwaite PH Br.	R	H	NA	1/U/F/S	0	NA		No	17/18 th C
NY1M	Scarborough Castle Br.	CR/A	F	0	2/?/2O/D	0	B		No	13 th C
Y1	Addingham Footbridge	R	P	NA	1/U/F/S	0	NA	Low	No	17/18 th C
Y2	Apperley Bridge	A	F(C)	2	2/U/2O/D	0	U		D	1601
Y3	Burbage Brook PH Bridge	CR	C	NA	1/U/F/D	0	NA	None	No	17/18 th C
Y4	Close Gate PH Bridge	CR	P	NA	1/U/R/D	0	NA	Low	No	17/18 th C
Y5	Elvington Bridge	CR	C	4	2/C/2O/D	0	U		No	c1500
Y6	Hebble Hole Clapper Br.	R	F	NA	NA	0	U	R	No	17/18 th C
Y7	Hebden PH Bridge	CR	C	3	1/C/F/S	0	B		No	1510
Y8	Horsford Clapper Bridge	A	F	NA	NA	0	U	R	No	17/18 th C
Y9	Ilkley Bridge	A	P	0	2/U/2O/D	0	U		No	17 th C
Y10	Ireland Bridge	A	C	0	1/U/F/D	0	U		D	1686
Y11	Kexby Bridge	A	F	0	3/C/3O/D	0	B		No	1650
Y12	Lady's Bridge	A	F	0	?	4U	U		B	15 th C
Y13	Lumb Packhorse Bridge	R	F	NA	1/U/F/R	0	NA	R	No	17/18 th C
Y14	Mellor Bridge	A	H	NA	1/U/F/D	0	NA	Low	No	17/18 th C
Y15	Mytholmroyd Bridge	A	F	0	?	0	U		D	1684
Y16	Newsholme Dean Clapper Br.	NA	F	NA	NA	NA	NA	None	No	17/18 th C
Y17	Otley Bridge	CR	C	0	2/C/2O/D	4C	B	R	U	1228
Y18	Oxygrains PH Bridge	R	H	NA	1/U/F/D	0	NA	None	No	17 th C
Y19	Roche Abbey Bridge	A/R	F	0	1/U/F/R	0	U	None	No	14 th C
Y20	Rotherham Bridge	A	F	0	2/C/2O/D	5C	U		U	15 th C
Y21	Rowlands Clapper Br.	R/B	F	NA	NA	0	U	R	No	17/18 th C
Y22	Sowerby County Bridge	A	F	0	2/C/2O/D	0	U	R	B	1517
Y23	Strines Bridge	R	H	NA	1/U/F/S	0	NA	Low	No	17/18 th C
Y24	Wakefield Bridge	CR	F	0	2/C/2O/D	3C	U		U	14 th C
T25	Wetherby Bridge	CR	C	0	2/C/2O/D	3U	B		B	1233
Y26	Wilberfoss Bridge	CR	C	NA	1/U/F/D	0	NA	R	No	15 th C
Y27	Willow PH Bridge	CR/A	P	NA	1/U/F/D	2U	NA	Low	No	17/18 th C
LA1	Bacup Old Bridge	R	F	NA	1/U/F/R	0	NA	None	?	17 th C
LA2	Catlow PH Bridge	R	F	NA	1/U/F/R	0	NA	Low	No	17/18 th C
LA3	Croston PH Bridge	CR	P	NA	1/U/R/S	0	NA	Low	No	1682
LA4	Edisford Bridge	A	P	0	2/U/2O/D	3C	U		D	14 th C
LA5	Higherford PH Bridge	CR	P	NA	2/C/2O/D	0	NA		No	16 th C
LA6	Ireby Clapper Bridge	R	F	NA	NA	0	U	None	No	17/18 th C
LA7	Keer PH Bridge	R	H	NA	1/U/F/R	0	NA	None	No	17 th C
LA8	Lever Bridge	R	F	NA	2/U/2O/S	0	NA		D	17 th C
LA9	Lower Hodder PH Br.	CR/A	H	0	1/U/F/D	0	B	Low	No	1561
LA10	Loyne Bridge	A/CR	F	4	2/U/2O/D	0	B		No	15/16 th C
LA11	Manchester Hanging Bridge	CR	F	0	1/C/F/S	3U	U		No	1421
LA12	Paythorne Bridge	A	F	0	2/U/2O/D	3U	B		U	16 th C
LA13	Rawtenstall PH Bridge	R	F	0	1/U/F/S	0	U		?	17/18 th C
LA14	Ringley Old Bridge	A	F	2	2/U/2O/D	0	B		No	1677
LA15	Saddle (Fairy) Bridge	R	H	NA	1/U/F/S	0	NA	Low	No	17/18 th C
LA16	Swanside PH Bridge	R	H	NA	1/U/F/R	0	NA	None	No	16 th C

No.	Bridge	Fabric	Profile	No. of Refuges	Arch Ring Features	Soffits & Ribs Features	Pier Width	Parapet Features	<--> W	Build Date
LA17	Whalley Bridge	?	F	0	?	3C	U		B	14 th C
LA18	Wycoller Bridges	CR	F	0	2/U/2O/S	0	U	Low	No	16/17 th C
LA1M	Clayton Hall Bridge	A	F	2	2/C/2O/D	0	U		No	17 th C
LA2M	Peel Hall Bridge	CR	F	4	2/C/2O/D	0	B	Low	No	15 th C
LA3M	Speke House Bridges	A	F	4	1/U/F/D	0	NA		No	16 th C

Chesters Roman Bridge, Northumberland ; information sheet has been moved into a the overview

Willowford Roman Bridge, Cumbria, ditto

Piercebridge Roman Bridge, Durham, ditto

Barton Bridge, North Yorkshire has been removed as a bridge of the 18th/19th century

Boltby PH Bridge, North Yorkshire has been removed as an 18th century bridge

Cow Bridge, North Yorkshire has been removed as an 18th century bridge

Dob Park Bridge, North Yorkshire has been removed as its build date was 1738;

Duck Bridge, North Yorkshire has been removed as an 18th century bridge

Hunter Sty Bridge, North Yorkshire has been removed as a 19th century rebuild

Harden Beck Footbridge, Yorkshire has been removed because it is probably an 18th century bridge

Rippondon Packhorse Br., Yorkshire has been removed, as rebuilt after 1700

Table NE3. Status of Bridge Visits, & Dating Summary - North of England

COUNTIES	No. OF BRIDGES	17 th C	16 th C	15 th C	14 th C	PRE-1300	No. VISITED
Northumberland & Tyne & Wear	24	9½	4	4	3	3	23
Cumbria	51	35	4	3	3	0	38
Durham & Cleveland	24	6	3	6	5	3	23
North Yorkshire	74	33½	6	17	4	4	73
Yorkshire – East, West, & South	27	10½	1	5	2	2	24
Lancashire	21	7	6	3	2	0	20
TOTALS	221	101½	24	38	19	12	201

Notes on Tables NE1, NE2, NE3:

1. In Table NE3, it is assumed that 50% of the bridges dated 17/18th century can be placed in the 17th C column. Obviously, the specific bridges cannot be identified, but this assumption should give a better estimate of the number of 17th century bridges, even if the idea of half-bridges is somewhat bizarre.
2. I have identified 221 old bridges in the North of England, on the basis that they incorporate significant parts, such as one or more arches, which date from before 1700. As can be seen in Table NE3, almost half of all the bridges, 101 have their origins in the 17th century, only 24 in the 16th century, 38 in the 15th century, 19 in the 14th century, and 12 earlier than that. Expressed in another way, there are 69 pre-1500 'medieval' bridge survivals, and 125 'pre-modern' bridges surviving from the years 1500-1700, the ratio is 35:65. However, the Durham and Cleveland division has many more than its share of older bridges, Cumbria a less, with the other

counties somewhere in between. It is easy to understand why Durham was very early into major bridge building, with its wealthy ecclesiastical tradition, the needs of prelates, kings, and armies to traverse the County Palatine, and the prevalence of large rivers running across the main north/south direction of travel. Since the routes into Durham were not 'stand-alone' and rivers running east/west are a feature of Northumberland and Yorkshire, it is no surprise that masonry bridges, great and small were erected there also from the 13th century onwards, though we know that many failed to withstand the regularly occurring floods. The situation near the west coast was different in medieval times. There were no ecclesiastical centres as great as Durham and York, and fewer important monasteries; the through route north was much less important militarily to England, and some at least of the larger rivers like the River Lune and River Eden ran as much north/south as east/west. Consequently, masonry bridges were built later than they would have been in the east.

3. The fabric of the majority of the bridges viewed in the North of England, 58%, is either ashlar, coursed rubble or a mixture of the two; Cumbria seems to present a different picture with only 32% built of such material. Often a difference of this scale might reflect scarcity of resources to pay for precise sizing and shaping, or the relative difficulty of working local stone in an area. In this case it may be more a reflection of the difference between large and small bridges, with the latter more often built from stone on which a minimum of work has been done. In contrast, large bridges here, whether in conurbations or on important routes are almost without exception ashlar built or have a coursed, squared rubble fabric. There is no strong relationship between fabric and build-date either, though the more decorative appearance of ashlar was attractive to early bridge-builders.
4. It is reasonable to adopt the position that the presence of a Gothic arch on a bridge in the North of England, and there are 44 in all, makes it highly probable that the bridge was built in the 16th century at latest and most likely before 1500; only 4 bridges with Gothic arches are thought to date from later than 1600. Not quite a sufficient condition, and certainly not a necessary condition but a very useful guide. There are a few bridges with a 4-centred form, and they all fit in with the idea that this is a Tudor marker implying a build date in the 16th or very late-15th century, but segmental arches still predominate amongst those thought to have been built then. In general, semi-circular arches are almost interchangeable with segmental arches, as in Scotland, though they are less common than there, but perhaps one of the bridges at Fountains Abbey is old enough to reflect the limited range of possibilities for bridge design, when it was built in the 12th century.
5. In Table NE1, another feature of bridges in the North of England, taken together, is highlighted, namely the large number with at least one arch spanning more than 7.5m. There are 113 such bridges, of which 38 were built prior to 1500, 34%, which is almost exactly in line with the proportions of bridges surviving from before and after 1500.. As can be seen by consulting other tabulations this is in marked contrast to the scarcity of such bridges in other parts of England, and the contrast can be made even more apparent by noting that many of the bridges span more than 15m, including a few of medieval origin. It is only at this top end of the range that any age dependence is apparent, otherwise location is a far more important influence
6. In Table NE2, I highlight the bridges with two other features normally taken to imply great age in a bridge, namely chamfered arch rings, and chamfered ribs. There are 47 bridges with chamfered arch rings in the area, and only 11 were built after the 15th century, with most of those dating from the very early years of the 16th century. As regards chamfered ribs, the situation is even more clear-cut, with none of the 36 bridges which incorporate

them, dating from after the 16th century, and only 4 from after 1500. There are strong variations with locality; chamfering of ribs is found on only 4 bridges in Lancashire, and on only one in Cumbria, the well-known Devil's Bridge at Kirkby Lonsdale; this is presumably explained by the scarcity of pre-1500 bridges in those counties.

7. There are 20 bridges in the region with hood moulds above the arch rings, and the majority are of the 17th century, with a smaller number dating to the 16th century. However two combine them with chamfering of the arch rings, namely Marske Bridge thought to be of the 15th century, and Yarm Bridge which dates in part to the 14th century.
8. 201 out of 214 bridges (94%) which I identified as likely if not certain to find a place in the compendium have been visited, the vast majority by myself. I say more about the process of identification and assessment in the general text, but in essence the initial process of identification of candidate bridges was a desk exercise based on the documents referenced, and study of photographs and other representations. The fact, that I eventually deselected 8 bridges after visits, (excluding those omitted because they were Roman rather than medieval structures) emphasises the importance of that part of the process, and there were many other adjustments of descriptions and build-dates which followed on from careful viewing. The credibility of the project rests heavily on the large proportion of the bridges which were viewed.
9. I end these notes by repeating the mantra that the compendium deals only with those historic bridges which have left visible traces, so it should be treated as a large sample of those that were built, with the selection based on the processes governing survival only.

Table NE4. Survival Rates for 16th Century Bridges

County	No. of Bridges on Saxton's 1575 map	No. of Survivals from those on Saxton 1575 map	%age of survivals of 'Saxton' bridges	No. of other pre-1600 survivals (ex. moat brs.)
Northumberland + Tyne & Wear	20	7	35%	7
Cumbria	54	6	11%	4
Durham + Cleveland	25	13	52%	3
North Yorkshire	66	17	26%	13
East, West & South Yorkshire + York	57	6	11%	4
Lancashire + Greater Manchester + Merseyside	23	6	26%	4
TOTALS	245	55	22%	35

Notes on Table NE4, see over

1. I find the number of bridges marked by Saxton as standing in the Northern counties of England in the late 16th century, namely 245, surprisingly large. The maps, good as they undoubtedly are, do not show smaller streams on which bridges stood, and this accounts for some of those identified in the compendium, but not on Saxton's map. Allowing for disappearance of many of that population, it seems probable that c350 bridges stood in Northern England in the years before 1600, though some may have been wooden.. There are only a few surprising omissions, from Saxton's bridges, amongst which I would count Helmsley Bridge in North Yorkshire, Lesbury Bridge in Northumberland, and Barnard Castle Bridge in Durham.
2. As regards survival rates, I pay most attention to the total %age of 22% which allows me to stress again that we view now, no more than a fairly large sample. As regards the large variations between counties, it is possible to put forward some explanations, such as an expectation that large increases in population, and heavy industrialisation might bias figures in favour of replacement of more bridges, while impressive large bridges like those in Durham might be more likely to survive, but the numbers are easier to explain once known than to predict.