

## MS Papers 0640

### Plans for bridges built by the LM&S Railway

Detail	Date
Birkenhead Park to New Brighton Line - Bridge number 4, LM&SR	29 January 1937
Birkenhead Park to New Brighton Line - Bridge number 4	[Not dated]
Birmingham to Bushbury Line - Bridge number 5, LM&SR	14 October 1938
Bolton to Euxton Junction Line - Bridge number 9, L&MSR	6 March 1936
Bridge on Walton Junction and Preston Line	28 May 1936
Carlisle Through Goods Line, Victoria Viaduct - Bridge numbers 505- 5, LM&SR	14 February 1935
Victoria Viaduct at Citadel Station [Carlisle] - Bridge number 502.8, LM&SR	22 February 1936
Victoria Viaduct at Citadel Station, Carlisle - Bridge number 502.8, LM&SR	24 February 1936
Victoria Viaduct at Citadel Station, Carlisle - Bridge number 502/8	[Not dated]
Chester and Holyhead Line - Bridge number 151, LM&SR	10 September 1936
Chester and Holyhead Line - Bridge number 18A, LM&SR	11 April 1938
Chester and Warrington Line - Bridge number 70, LM&SR	19 November 1936
Chester and Warrington Line - Bridge number 50, LM&SR	24 May 1937
Clifton Junction to Accrington Line - Bridge no 27, LM&SR	12 February 1937
Clifton Junction and Accrington Railway, LM&SR	[Not dated]
Coventry Avoiding Line - Bridge number 13, LM&SR	[Not dated]
Coventry Canal (Side of Trent Valley Line) - Bridge number 60B, LM&SR	13 December 1937
Crewe and Stafford Line - Bridge number 80A, LM&SR	10 September 1937
Crewe and Stafford Line - Bridge number 80 details of CI Girders Span 1, LM&SR	16 September 1937
Crewe and Stafford Line - Bridge number 80, LM&SR	20 September 1937
Crewe and Stafford Line - Bridge number 80, LM&SR	[Not dated]
Crewe and Stafford Line - Bridge number 80, LM&SR	[Not dated]
Crewe and Stafford Line - Bridges numbers 80 & 80A, LM&SR	[Not dated]
Edge Hill Junction to Waterloo Goods Station Line - Bridge numbers 6 and 7, LM&SR	9 March 1937
Edge Hill Junction to Waterloo Goods Station Line - Bridge number 6, LM&SR	19 March 1937
Edge Hill Junction to Waterloo Goods Station Line - Bridge number 6, LM&SR	22 March 1937
Edge Hill Junction to Waterloo Goods Station Line - Bridge number 6, LM&SR	25 March 1937
Edge Hill Junction to Waterloo Goods Station Line - Bridge 6, LM&SR	30 March 1937
Edge Hill Junction to Waterloo Goods Station Line - Bridge numbers 6 and 7, LM&SR	23 April 1937
Edge Hill Junction to Waterloo Goods Station Line - Bridge no 6, LM&SR	[Not dated]
Force Diagram	[Not dated]
Graphical construction of influence lines for two pin arch	[Not dated]
Graphical construction of influence lines for two pin arch	[Not dated]
Graphical construction of influence lines for two pin arch	[Not dated]
Greenfield to Oldham Branch - Bridge number 26, LM&SR	9 December 1938
Greenfield to Oldham Branch - Bridge number 26, LM&SR	[Not dated]
Liverpool and Manchester Line - Bridge number 31, LM&SR	18 September 1939
Liverpool and Manchester Line - Bridge no 31 detail of girders, LM&SR	22 September 1939
Liverpool and Manchester Line - Bridge no 31, LM&SR	27 September 1939
Liverpool and Manchester Line - Bridge no 31 span 5, LM&SR	24 January 1940
Liverpool and Manchester Line - Bridge number 31, LM&SR	[Not dated]
Liverpool and Manchester Line - Bridge number 31, LM&SR	[Not dated]
Liverpool and Manchester Line - Bridge no 31 detail of girders, LM&SR	[Not dated]
Liverpool and Manchester Line - Bridge number 31 details of Span 10, LM&SR	[Not dated]
Lostock Hall (Anchor Bridge) to White House South Junction - Bridge at Preston Junction	9 April 1936
Manchester to Normanton Line - Bridge number 60, LM&SR	9 January 1939
Manchester to Normanton Line - Bridge number 60, LM&SR	3 January 1940
North Union Line - Bridge number 316'21, LM&SR	7 July 1936
Pendleton and Hindley Line - Bridges numbers 14 and 15, LM&SR	16 April 1940
Rugby and Birmingham Line - Bridge number 321, LM&SR	15 August 1936
Runcorn Branch - Bridge no 20, LM&SR	19 March 1940
Runcorn Branch - Bridge number 20, LM&SR	[Not dated]
Salford Ship Canal Branch - Bridge no 3, LM&SR	[Not dated]
Shropshire Union Line - Bridge number 15, LM&SR	16 November 1937
Soho and Perry Barr Line - Bridge number 2, LM&SR	2 October 1938
Stour Valley Line - Bridge number 21 (Spon Lane), LM&SR	[Not dated]
Trent Valley Line - Bridge number 153. LM&SR	1 July 1936
Trent Valley Line - Bridge number 23, LM&SR	17 December 1937
Trent Valley Line - Bridge number 67, LM&SR	12 August 1938
Trent Valley Line - Bridge no 67, LM&SR	20 August 1938

Trent Valley Line - Bridge number 142A, LM&SR	12 January 1939
Trent Valley Line - Bridge number 142A, LM&SR	17 January 1939
Walton Junction to Earlstown Line - Bridge number 8, LM&SR	4 August 1938
Whitehaven Junction Line -- Bridge number 31, New Yard Viaduct, LM&SR	15 July 1938
Whitehaven Junction Line - Bridge number 31, New Yard Viaduct, LM&SR	21 July 1938
Wilmslow and Levenshulme Line - Bridge number 8 (Viaduct), LMS	29 August 1946