

AN  
ESSAY  
ON  
BRIDGE BUILDING:  
CONTAINING  
ANALYSES AND COMPARISONS  
OF THE  
PRINCIPAL PLANS IN USE,  
WITH  
INVESTIGATIONS AS TO THE  
BEST PLANS AND PROPORTIONS,  
AND THE  
RELATIVE MERITS OF  
WOOD AND IRON,  
FOR BRIDGES.

~~~~~  
BY S. WHIPPLE, C. E.

MATHEMATICAL AND PHILOSOPHICAL INSTRUMENT MAKER.

~~~~~  
UTICA, N. Y.  
H. H. CURTISS, PRINTER, DEVEREUX BLOCK.  
1847.