Mr. William Weston, a celebrated hydraulic engineer of Gainsborough in England. We may have some conception of its magnitude when we are told that eight hundred thousand feet of timber were employed in it.

The masonry of this Bridge was executed by Mr. Thomas Vicker, on an uncommon, if not a novel plan. The walls of the abutments and wings are perpendicular, without buttresses, and supported by interior offsets. These are found completely competent to support the pressure of the filling, without battering or contreforts. The abutments are eighteen feet thick. The wing-walls nine feet at the foundation, retiring by offsets, till at the parapets they are only eighteen inches. The eastern abutment and wing-walls are founded on a rock.— Those on the western side are built on piles. There are upwards of seven thousand five hundred tons of masonry in the western pier. Many of the stones composing both piers weigh from three to twelve tons. A number of massive chains are stretched in various positions across the piers. These are worked in with the masonry; the exterior of which