LOW TRUSS WITH ABUTMENT POSTS.

This plan is designed for spans of 20 to 80 feet, in localities where masonry is expensive and there is little danger from high water and ice, and the large number erected by us in the past three years, in Indiana, Illinois and Canada, have proved very satisfactory. The abutment posts set on wood sills, either bedded in the earth or set on piles, below water level, making a complete and durable structure.

Iron Columns for Piers and Abutments, from 2 to 6 feet in diameter, filled with concrete and set on stone or timber foundations, have been extensively used by us in Michigan, Iowa and California, with good results, and are much cheaper and about as durable as masonry, in many locations where masonry is expensive. They are specially adapted for center piers of swing bridges.