them; but what constitutes the greatest excellence of the Delaware Bridge is the prospect of its durability. The permanency of the stonework is not to be questioned; and by the proposed covering, the stamina or main parts of the wooden superstructure will be effectually protected from decay by the wet, while those parts exposed to injury from the weather are all susceptible of the most complete repair.”

**Schuylkill Bridge,**

The permanent Bridge lately erected over the Schuylkill at Philadelphia is also a strong and elegant piece of architecture. It is composed of three arcs of wood, supported by two stone piers, with two abutments and wing-walls. The western pier is sunk in an astonishing depth of water, perhaps greater than ever any Bridge pier was before sunk, in any part of the world; the surface of the rock on which it is placed being forty-one feet nine inches below common high tides. The piers were built with coffer dams. The dam for the western pier was curiously constructed, from a design furnished by

* American Additions to Dr. Rees's New Cyclopædia.*