

bridges should be proportioned, the maximum strains to which the iron should be subjected, and a method for inspecting the plans of all bridges before building, and the bridges themselves during and after construction. The governor, with the consent of the Senate, was to appoint the inspector for a term of five years at a salary not exceeding \$3,000 a year, such inspector to pass a satisfactory examination before a committee of the American Society of Civil Engineers, themselves practical experts in bridge construction, and he was also to take a suitable oath for the faithful performance of his duty. This bill never became a law. An appropriation was made for a short time to pay for certain examinations, and there the matter stopped.

The committee of the American Society