

The Knowledge Bank at The Ohio State University
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ANOTHER "TEST TO DESTRUCTION" ...



N undertaking that should be both extremely valuable and fascinatingly interesting is to be undertaken by the North Carolina State Highway Commission and the U. S. Bureau of Public Roads.

Briefly, it is as follows, as outlined in a letter inviting the Society to appoint a representative on the proposed Advisory Committee:

"In 1922 there was constructed in the State of North Carolina, as a Federal-aid project, a reinforced concrete highway bridge over the Yadkin River between Albermarle and Mt. Gilead. This bridge is composed of three open-spandrel arch spans of about 150 feet each and fourteen T-beam or deck girder spans of about 40 feet each.

"There is now under construction, a few miles below the bridge site, a dam which, when completed, will submerge the existing bridge structure, necessitating its abandonment and the construction of a new bridge in another location to replace it.

"The period during which the loading tests may be carried on will be limited to the interval between the time when it will be possible to close the bridge to traffic and the time when the bridge will be submerged by the water impounded by the dam.

"This situation provides an unusual opportunity for an investigation of stress distribution in a full size structure and, eventually, for its complete destruction. Arrangements have been made by the same agencies who were responsible for the construction of the bridge, namely, the North Carolina State Highway Commission and the U. S. Bureau of Public Roads, to conduct such an investigation on a co-operative basis.

"The investigation may be made to yield results of great value to the engineering profession and for this reason it will undoubtedly be of considerable interest to a number of engineering and technical organizations. Moreover, the advantage of securing the active co-operation of these organizations in the prosecution of the undertaking is realized. For these reasons it is proposed to organize an Advisory Committee, made up of representatives of the interested organizations, to take charge of the technical direction of the work. We believe that the results which will be secured will constitute such a definite contribution to science as to justify the participation of these organizations.

"We extend to the American Society of Civil Engineers a cordial invitation to appoint a representative on this Committee."

Professor Clyde T. Morris, Chairman of the Society's Special Committee on Concrete and Reinforced Concrete Arches, has been designated the Society's representative.

 PURE GUESSWORK

After the ceremony, Smith declared, he visited his father-in-law, Daniel Roney's house; whereupon his mother-in-law hit him over the nose, drawing blood, and his father-in-law fired at him twice with a shotgun. The police believe the Roneys' objected to the match.