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*(3)*

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BENTLEY'S CODE

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BASCULE, LIFT, SWING AND  
LONG SPAN BRIDGE DESIGNS

INVESTIGATIONS  
REPORTS  
ESTIMATES  
SUPERVISION

February 4, 1937.

PROPOSED WASHINGTON CROSSING BRIDGE:

Mr. C. P. Wilber, Chief,  
Division of Forests & Parks,  
Dept. of Conservation & Development,  
State House Annex,  
Trenton, New Jersey.

Dear Sir:

To prepare our estimate for the proposed bridge over the Delaware River at Washington Crossing we need some additional information. A complete survey and profile along the center line of the bridge would, of course, be most desirable. For the present, however, we could get along with the distance from the Pennsylvania highway to the shore of the main river, the width of the main river and the distance from the river to the New Jersey highway. We should have the ground elevation at the Pennsylvania and New Jersey highways and a general idea of the ground slope away from the river beyond each of these highways. Some information on the character of the soil, including the approximate depth to rock, if known, would be helpful. We should have the extreme high water elevation of the river. Any information you can readily obtain about the present bridge near the proposed site, such as the length of spans, the clearance of the bridge from low steel to extreme high water and the depths of the piers from extreme high water to the pier base, would also be of assistance.

It may be that much of this information is shown on some map from which we could scale the desired distances and determine the elevations from contour lines.

Very truly yours,

STRAUSS & PAINE, INC.

BY C. H. Clarahan, Jr.  
C. H. Clarahan, Jr.

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Department of  
Conservation & Development  
CHC/s