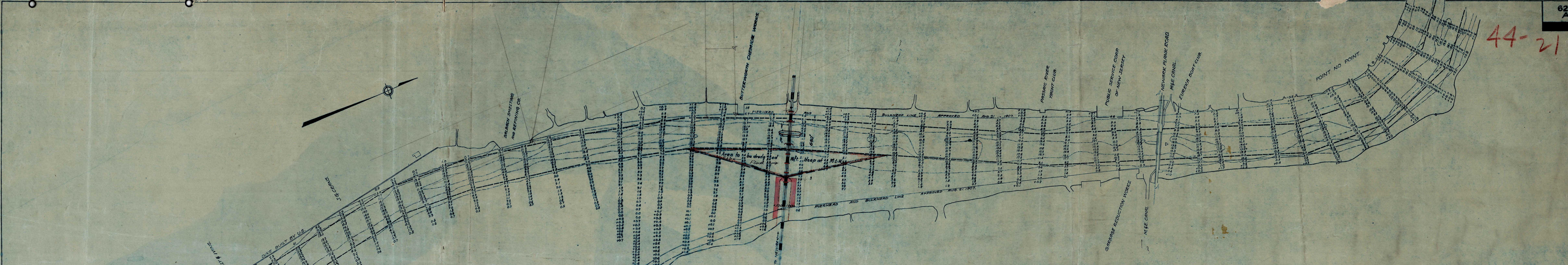


44-21



MAP OF RIVER IN VICINITY OF BRIDGE

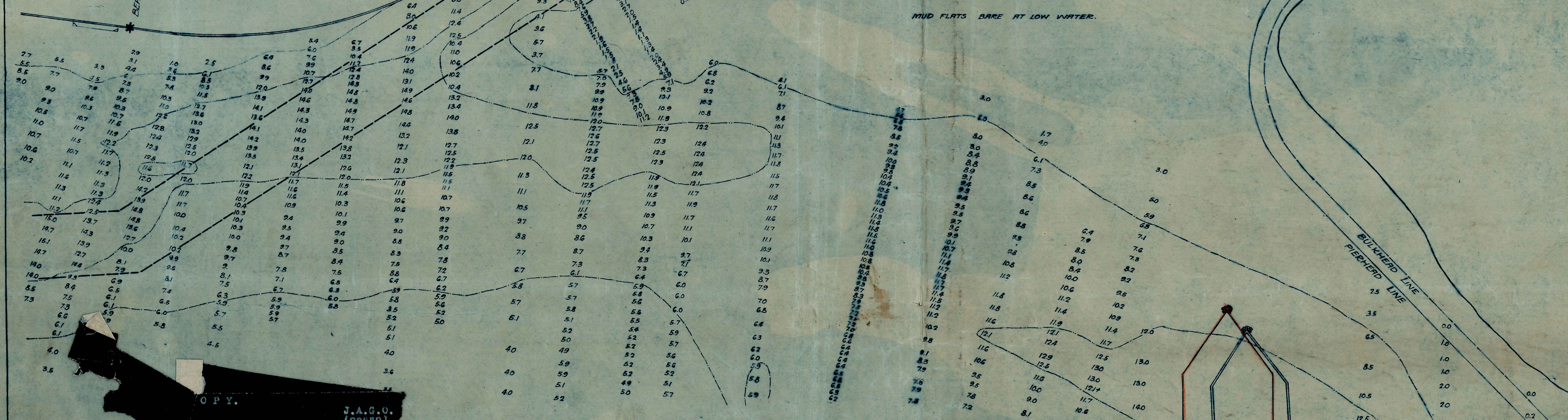
SHOWING SOUNDINGS TO POINTS ONE MILE ABOVE AND ONE-HALF MILE BELOW BRIDGE.

SCALE 1"=300'

TRACED FROM U.S. ENGINEER MAP OF NEWARK RIVER AND PASSAIC RIVER SHEET No. 2, DATED OCT-DEC-1906.

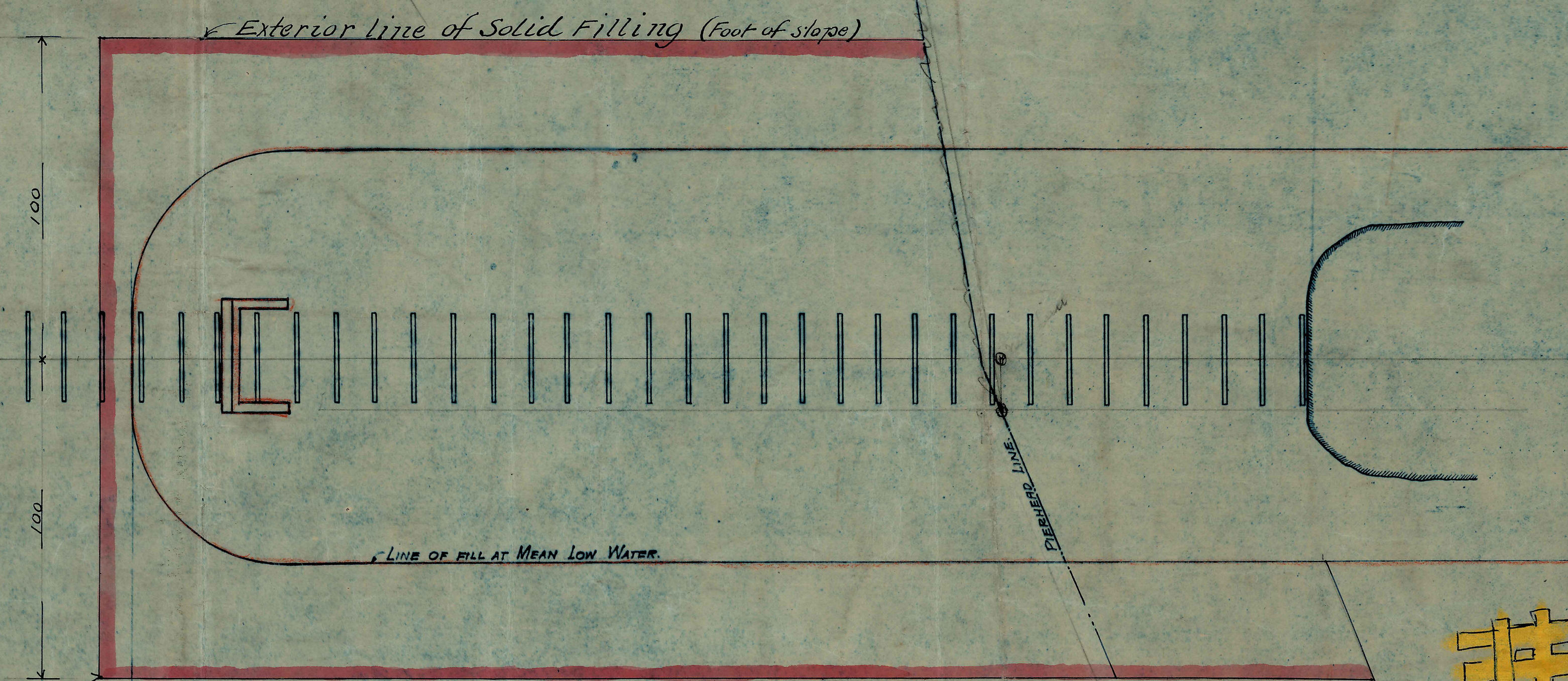
**NO 112** Supplemental Map showing location and plans for re-construction of bridge across the Passaic river on the line of the Newark and New York Branch of the Central Railroad of New Jersey, and also areas to be dredged as shown on this map approved by the West Secretary of War March 22, 1912 and adopted by the Riparian Commission of New Jersey April 25, 1914.  
Riparian Commission of New Jersey  
Attest John C. Payne Sec'y of Engr.

NOTE: PRESENT WORK SHOWN THIS PROPOSED WORK SHOWN THIS ELEVATIONS REFER TO 51.0 M.S. CORNER TOP OF CENTER GRADE BRIDGE 15-178 OVER WEST SIDE RIVER. ELEV. 39.575 U.S.C. AND 9.5 DATUM.



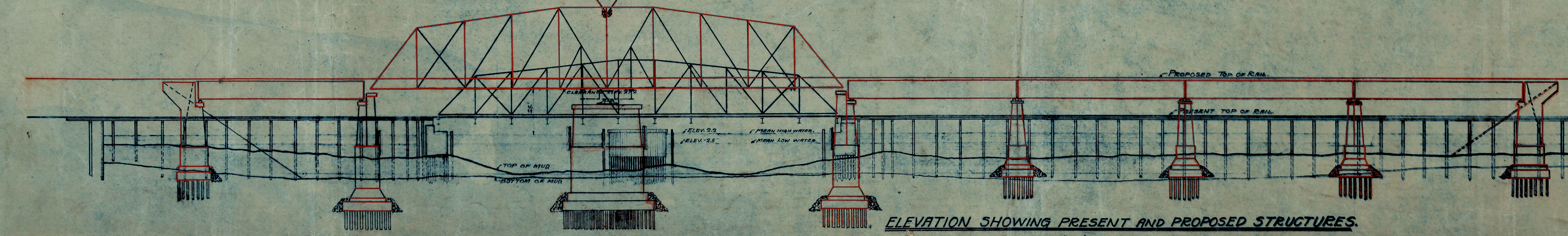
PLAN SHOWING PRESENT AND PROPOSED STRUCTURES

SCALE 1"=300'



ELEVATION SHOWING PRESENT AND PROPOSED STRUCTURES

SCALE 1"=30'



proved March 3, 1899, entitled "An act making appropriations for the construction, repair, and preservation of certain public work on rivers and harbors, and for other purposes," it is provided that bridges, dams, dikes, or causeways may be built under authority of the legislature of a State across rivers and other waterways the navigable portions of which lie wholly within the limits of a said State, provided the location and plans thereof are submitted to and approved by the Chief of Engineers and by the Secretary of War before construction is commenced:

AND WHEREAS, The CENTRAL RAILROAD COMPANY OF NEW JERSEY having authority of the legislature of the State of New Jersey to reconstruct a bridge across the PASSAIC RIVER in said State, has submitted a map of the location and plans of the same, which have been approved by the Chief of Engineers;

NOW THEREFORE, This is to certify that the map of location and plans of said bridge, which are hereto attached, are hereby approved by the Secretary of War, subject to the following conditions:

- 1.- That the engineer officer of the United States Army, in charge of the district within which the bridge is to be rebuilt, may supervise its reconstruction, in order that said plans shall be complied with.
- 2.- That the fairway beneath the said bridge shall have a total width of 660 feet between fills.
- 3.- That the areas shown on said plans between red pencil lines shall be dredged by said Company, at its own expense, to a depth of 16 feet at mean low water.

War Department instrument dated June 19, 1911, wherein the Secretary of War approved a map of location and plans originally submitted in connection with the above bridge reconstruction, is hereby cancelled.

WITNESS my hand this 22d day of MARCH, 1912.

(Sgd.) ROBERT SHAW OLIVER,  
Asst. Secretary of War.

C. R. R. C. OF N. J.  
CENT. DIV. N. & N. Y. BR.  
BRIDGE NO. 178 OVER PASSAIC RIVER.  
PLAN SHOWING PROPOSED ELEVATION AND RENEWAL TO PROVIDE A WIDTH OF CLEAR CHANNEL OPENING OF 150 FEET AND AN UNDER CLEARANCE FOR MOVABLE SPAN OF 25 FEET ABOVE MEAN HIGH WATER.  
SCALE: AS SHOWN  
O. W. W. & C. E. CHIEF ENGINEER  
NEW YORK, N. Y., JAN. 17, 1911.  
Done by the Chief Engineer  
O. W. W. & C. E.

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