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(All communications should be addressed to "THE LIGHT HOUSE BOARD.")

D

Treasury Department,

Inclosures None.

Office of the Light-House Board,

Subject: -----

Washington, 8 May, 1894.

Lt. Colonel J. A. Smith, U.S.A.,

Engineer 10th Light-House District,

Cleveland, Ohio.

Sir:

The Board at its session held on 7 May '94, had under consideration the papers relative to the proposed modifications of the designs for the beacons of the new Grassy Point (Manhattan), entrance to Maumee River, Ohio, range lights, when the report of the Committee on Engineering, dated 28 April '94, as follows, was adopted:

1. In view of the statement as to the effect of the ice at site of front beacon, contained in the 10th Engineer's letter of April 20, 1894, the Committee on Engineering has reconsidered its recommendation for a crib foundation presented to the Board at the meeting of March 7, 1894, and now recommends that the foundation of the front beacon be made of nine oak piles in 3 bents of 3 piles each; surrounded by stone rip-rap, rising to a height of 2 feet above mean water line; the piles to be cut off below ordinary low water level; and to be capped by cast-iron sleeve piles filled with

concrete; the tops of the cast-iron piles to be held together by channel beams (two channels to each bent) on which the wooden superstructure shall rest; all as shown on tracing herewith. The estimated cost of the iron work of the foundation is $875.60.

2. As regards the lantern floor and means of access thereto, the Committee on Engineering adheres to its recommendation that the floor and railing be of wood instead of iron, but has no objection to the substitution for the straight ladder and trap-door, of a wooden stairway arranged in two flights of steps, one on each of two sides of the tower, with headway and service table arranged as proposed by the Engineer of the 10th Light-House District.

In this connection your attention is invited to the Board's letter on this subject of 28 April '94, approving your recommendation of 9 Feb'y '94, that the beacons be built by contract, after advertising for bids by posters and circular letters; and requesting that you forward for approval, as soon as practicable, the advertisement and specifications for the proposed work.

Respectfully,

Phillip Rice

Captain, Corps of Engineers, U.S.A.,
Engineer Secretary.