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DEPARTMENT OF COMMERCE AND LABOR.
LIGHT-HOUSE ESTABLISHMENT,
OFFICE OF ENGINEER, 10TH DISTRICT,

.....INCLOSURES.

BUFFALO, N. Y., October 2, 1903.

SUBJECT: No.971
Water pipe across
Buffalo River.

The Light-House Board,
Washington, D.C.

Gentlemen:

The light-keeper's dwelling and light-house depot on the South Pier at the entrance to Buffalo Harbor are dependent for their water supply on a 2-inch pipe, which was laid in 1897 across the Buffalo River. This pipe worked very well at first but for the last year or two has given a great deal of trouble, and today as I happened to visit the pier on a visit of inspection, I found the pipe burst and emptying nearly all its contents into the Buffalo River.

We have had a great deal of trouble with this pipe this year and some radical improvement is needed, Moreover the supply of water is not sufficient, particularly as we shall probably have shortly another keeper's dwelling to be supplied.

As a matter requiring immediate attention, I have the honor to request authority to lay a new pipe, this time of 3 inches instead of 2 inches, across the Buffalo River to supply the light-house service, at a cost not to exceed $300, estimated as follows:

350 ft. 3" wrought iron galv. drive pipe, with couplings, @ 50¢ per ft.	$175.00
Labor, -	125.00
Total, - - - - - - - -	300.00

The cost to be paid from funds already allotted from the appropriation, Repairs, etc. of Light-Houses, 1904.

Owing to the urgent necessity for the immediate use of this new pipe, I have the honor to request authority to do the work by hired labor and open market purchase of materials, in accordance with existing regulations, that method being the most advantageous and economical method of doing the work.

Very respectfully,

Your obedient servant,

Wm. A. Buffington

Major of Engineers, U.S.A.
Engineer 10th L.H. District.