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1171

DRAINAGE CANAL TO COST \$425,000 IS TO BE BUILT SOON

**Will Start 3 1-2 Miles West of
Arch Creek and Run Gen-
erally East Into the Bay
Draining 10,560 Acres**

Construction of a 10-mile drainage canal from a point three and one-half miles west of Arch Creek, with two locks, one emptying into the bay and the other into the head of Arch Creek, will cost \$425,000 for work, interest and other expenses, according to a report made to the county commissioners yesterday afternoon by George E. McCaskill.

The proposed canal would, under both of two plans submitted by the special committee named to work out the problem, start north of Hialeah and about three and one-half miles west of Arch Creek and flow in a generally easterly direction into Biscayne bay. One plan calls for a canal running east, thence north, thence southeast into the bay. It would cross the Dixie highway about the center of the Biscayne Park Estates land. The second plan is to have a fork start off from the northern bend of the canal and run eastward until it hits the head of Arch creek into which the canal would empty and the balance of the distance to the bay would be through the channel of Arch creek. The total distance of the canal would be about 10 miles and either plan would cost approximately the same, by rough estimate according to Mr. McCaskill.

The proposed canal would start with a bottom width of 12 feet then jump to 17 feet, to 24 feet, to 25 feet, to 26 feet, to 30 feet, to 32 feet and finally to a bottom width of 50 feet at its mouth. It would drain approximately 10,560 acres of land, according to estimates made yesterday afternoon.

Mr. McCaskill said that the estimate of \$425,000 included the construction cost of \$257,000; the interest for 20 years, the commissions of the tax collector, the tax assessor, the engineer's fees, the fees of the bond attorney, the cost of selling the bonds and other items incident to floating bonds.

It was estimated yesterday afternoon that the cost of the improvement would reach approximately two dollars per acre on the assessment for the work, if it is assessed against the owners of the land.

Mr. McCaskill, attorney for the special committee named last December by the commissioners to get the survey and data on the proposed canal, advised the board that the best thing to do is to advertise for bids for both plans submitted yesterday afternoon and then build the canal on which the bids were lowest for the service to be rendered by the canal. The board will ask for bids on the two projects.

The committee, which was authorized by the commissioners at their meeting December 12, 1922, consisted of F. J. Pepper, R. E. McDonald and J. O. Harley. They employed the Biscayne Engineering Company to make the survey and the plans, specifications and profile, worked out by the Biscayne Engineering Company, were all presented to the commissioners by Mr. McCaskill as part of his report.