MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE HELD ON THE 9TH DAY OF DECEMBER, 1969 AT 10:00 A.M.

The call of the roll disclosed the presence or absence of Directors as follows:

## PRESENT

Joe B. Hogsett Lacy Boggess Wayne E. Newton Clyde A. Penry Edward R. Hudson

Also present were Messrs. John M. Scott General Counsel for the District and Ben Hickey General Manager of the District.

Director Hogsett acted in his capacity as President and Director Newton acted in his capacity as Secretary, whereupon proceedings were had and done as follows:

l.

On motion duly made and seconded the minutes of the Meeting held November 25, 1969 were read and approved by the Directors and it was accordingly ordered that such minutes be placed in the permanent files of the District.

2.

On motion of Director Hudson, seconded by Director Penry, voucher-checks #1988 thru #2001 inclusive, Revenue Fund; voucher-checks #7814 thru #7892 inclusive, Maintenance Fund; voucher-checks #2387 thru #2401 inclusive, Construction Fund and voucher-check #295 Interest and Sinking Fund were approved and ordered paid. All Directors voted aye thereon.

It was called to the attention of the Directors that the term of office of Three (3) Directors (Messrs. Penry, Hudson and Newton) did expire by law in January of 1970; and following a review of the laws governing such matters, it was the unanimous opinion and resolution of the Directors, and their order, that an election be held on Tuesday, January 13, 1970 to select successors for the Three (3) Directors whose terms of office then expire, and further that for the purpose of this election and the conduct of same, that the entire boundaries of the District constitute one (1) election precinct in which there will be twenty-one (21) polling places; and further that notice of said election be duly executed in the name of the District and that said notice be published in accordance with the law governing such matters; and further that Mr. Ben Hickey, General Manager of the District make all arrangements for the holding of said election and for the payment of expenses and fees of the officers holding the election without further order of the Directors. This meeting with unanimous approval of the Directors it was so ordered.

4.

President Hogsett stated that bid proposals for certain work to be performed on the Eagle Mountain Lake Spillway had been received and publicly opened in the offices of the District, and the tabulation and recommendations of the Consulting Engineers for the District were as follows, to wit:

Mr. Ben Hickey, General Manager Tarrant County Water Control and Improvement District No. 1 508 Throckmorton Street Fort Worth. Texas 76102 Re: Eagle Mountain Spillway

Dear Mr. Hickey:

The District received bids for the construction of the Eagle Mountain Side Channel Spillway on November 18, 1969. A summary of bids as received is as follows:

Guy H. James Construction Company	\$2,498,750.00
H. B. Zachry Company	\$2,528,770.00
Dahlstrom Corporation	\$2,980,550.00
Markwell & Hartz, Inc.	\$3,279,000.00
Amis Construction Company	\$3,301,080.00

The bid of Guy H. James Construction Company, of Oklahoma City, is the lowest of the bids received. This firm is well qualified to perform this type of work and has been known to us for many years. Some of their recent work includes the construction of locks and dams on the Arkansas River project for the Tulsa District, Corps of Engineers. The Contractor has advised that he is in a position to commence work immediately upon receipt of a work order from the District.

We recommend that the construction of the Side Channel Spillway at Eagle Mountain Lake be awarded to Guy H. James Construction Company in accordance with their low bid of \$2,498,750.00.

Respectfully submitted,
FREESE, NICHOLS AND ENDRESS

/s/ James R. Nichols

James R. Nichols, P.E.

Following a discussion of the items involved, and upon recommendation of management of the District, Director Hudson made the motion, seconded by Director Newton, that the bid proposal as presented by Guy H. James Construction Company and set forth in the letter from Freese, Nichols and Endress as above listed be accepted by the District; whereon all Directors voted aye and it was so ordered.

5.

A general discussion was held regarding payment of the

various engineering and consultants fees heretofore paid for the Eagle Mountain Emergency Spillway, also those fees remaining to be paid; and it was the consensus of opinion of the Directors, and their order, that management of the District obtain the final amount and manner yet to be paid.

6.

President Hogsett presented the following letter, to wit:

Mr. Harry K. Werst, President Fort Worth Chamber of Commerce 6th and Throckmorton Fort Worth. Texas

Dear Mr. Werst:

You will recall that our District in its flood control work ultimately plans to improve the channel of the Trinity River east of Fort Worth proper for flood control purposes. In connection with our planning the Chamber of Commerce requested us to have our engineers make a study of suitable sites for port facilities when the Trinity Barge Canal is constructed.

Our District accepted the request and directed our engineers to make such a study, and they have done so in association with Mr. William J. Fell & Associates of Tulsa, who had done similar work for the City of Tulsa-Rogers County Port Authority.

The result of the work of the engineers is now available, and we transmit to you a printed copy of the study. We are taking the liberty of sending a copy of this letter and a copy of the study to Mr. Olin Yandell who is Chairman of your Committee interested in the subject matter, and to Mr. John M. Scott, Chairman of the Trinity Development Committee of the Chamber of Commerce.

We have other copies available for such governmental entities as may request them.

This study work has not been adopted by our District as any commitment or plan on its part, but will be studied by the members of our Board as a background for the Board's future work in the river channel.

Yours very truly,

/s/ Ben Hickey, General Manager

President Hogsett presented the following letter, to wit:

Mr. Ben Hickey, General Manager Tarrant County Water Control and Improvement District No. 1 508 Throckmorton Street Fort Worth, Texas 76102

> RE: Morning Glory Spillway Eagle Mountain Lake

Dear Mr. Hickey:

We are recommending to the District that the Morning Glory spillway excavation be abandoned and the Side Channel spillway concept be approved and constructed. The contractor for the Morning Glory spillway encountered dewatering difficulities, and after several months of effort requested that he is released from his contract. This release has been granted and final settlement negotiated with the contractor. It has been our considered opinion, however, that many of the contractors' difficulities were of his own making and the spillway could have been constructed, as designed, if proper construction procedures were followed.

Inasmuch as the District has received bids on the Side Channel spillway and will award a contract for this project, we are recommending that the District abandon the excavation for the Morning Glory spillway. The walls of the excavation are shored up by steel sheet piling which was installed by the contractor who transferred the responsibility for its salvage to the District at the time of the settlement. The piling is the property of the L. B. Foster Company of Houston and is being leased on the basis of \$900.00 per month with the option to purchase at any time for the lump sum of \$54,190.50.

Studies have been made by Mr. Fruhwirth to determine the feasibility and economics of removing the piling or simply cutting off the upper section and leaving the remaining piling in the hole. The estimates, of which copies are attached, indicate that the cost is approximately \$100,000.00 to pull the piling and deliver it to Houston. The salvage value will be approximately \$8,000.00, leaving a net cost to completely remove the piling of \$92,000.00. This would be an expensive operation and not without some hazard to personnel and equipment. There are indications that there has been a "blow in" near the bottom of the piling, and should this be the case it would be very dangerous for men to be working in this area.

A cheaper and better alternative is to remove the short 20' outer ring of piling, which can be done economically and without hazard, and to trim approximately 60 pieces of long piling to elevation 660.0. The excavation could then be filled with material acquired near the job

site and the top sodded with grass. The net cost of this method is \$5,335.00 which does not include a probable salvage value for the 20' piling which is estimated to be \$1,500.00.

It is our recommendation that the District abandon the excavation and restore the site as described in method 2 with an approximate net cost of \$3,835.00. There will be an additional cost of \$54,190.00 for the purchase of the piling.

Respectfully submitted,

FREESE, NICHOLS AND ENDRESS

/s/ James R. Nichols

James R. Nichols, P.E.

Following a thorough discussion, and upon recommendation of management of the District, it was the unanimous opinion of the Directors and their order that the above recommendation of District's Engineers be accepted.

8.

President Hogsett reviewed the various questions that had been raised during previous meetings of the Directors regarding the proposed Roanoke Reservoir to be constructed by the Corps of Engineers and located largely in Denton County; and stated that it appeared to him inasmuch as the project was now authorized that the District should now give immediate consideration to the matter.

Following a review by Mr. Hickey, and a general discussion, Director Hudson made a motion, seconded by Director Boggess, that authorization of all things necessary be now granted to management of the District, in (1) requesting that the District be designated as the local co-sponsoring agency to negotiate with the United States Army Corps of Engineers relating to the Roanoke Reservoir. Upon a

vote taken all Directors voted aye and it was so ordered.

9.

Mr. Ben Hickey, General Manager of the District, requested authority for the District to enter into Contract for the purchase of the following described tract of land, on the following basis for payment, to wit:

Tract No. 538 - .04 acres more or less, J. H. Nash Survey - Wise County - @ Lump Sum \$50.00 in Fee - Program D - Bridgeport.

Following a detailed presentation of the tract, and upon recommendation of management of the District, Director Newton, seconded by Director Penry, moved that the District be authorized to enter into contract for the purchase of the above described tract and on the basis as shown. This meeting with the approval of all Directors, it was so ordered.

10.

There being no further business before the Board of Directors, the meeting adjourned.

Secretary

President