

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF
TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE
HELD ON THE 12TH DAY OF DECEMBER, 1979 AT 4:00 P. M.

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

<u>PRESENT</u>	<u>ABSENT</u>
Wayne E. Newton	Preston M. Geren, Jr.
J. Oliver Shannon	
C. Victor Thornton	
Robert D. Alexander	

Also present were Messrs. Joe B. Hogsett, Honorary Chairman of the Board of Directors; John M. Scott, General Counsel for the District and Ben Hickey, General Manager of the District.

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

1.

On motion duly made and seconded, and with assurance from management that all requirements of law relating to the "open meeting" law had been met, the minutes of the meeting held November 5, 1979 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.

Director Thornton moved and the motion was seconded by Director Shannon and unanimously approved that the following list of vouchers be approved and paid: Voucher-checks #23311 thru #23558 inclusive, Maintenance Fund, in the amount of \$1,263,766.34; voucher-checks #7414 thru #7519 inclusive, Revenue Fund, in the amount of

\$969,101.93; voucher-checks #3584 thru #3594 inclusive, Construction Fund, in the amount of \$261,372.90; voucher-checks #654 thru #661 inclusive, Interest and Sinking Fund, in the amount of \$1,507,324.76; voucher-checks #4452 thru #4505 inclusive, Cedar Creek Construction Fund, in the amount of \$951,930.53 and voucher-checks #101 thru #113 inclusive, Richland-Chambers Project - Construction Fund, in the amount of \$1,356,546.62, including voucher-check #7473 dated November 9, 1979 to Century Chevrolet for One (1) Chevrolet Four Door Impala.

3.

It was called to the attention of the Directors that the term of office of Three (3) Directors did expire by law in January of 1980; and following a general discussion, Director Shannon moved and the motion was seconded by Director Thornton and unanimously approved that the following be now authorized, subject to all State and Federal Election Laws, to wit:

BY ORDER OF THE BOARD OF DIRECTORS OF TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE, notice is hereby given to the qualified voters of Tarrant County Water Control and Improvement District Number One. BE ADVISED: An election will be held by Tarrant County Water Control and Improvement District Number One on January 19, 1980, for the purpose of choosing Three (3) persons to serve as Directors for the District for the period of Two (2) years next after said date, or until their successors may have been lawfully qualified.

POLLS TO BE OPENED AT 7:00 A. M. AND CLOSED AT 7:00 P. M.

Those entitled to vote in said election must be bona fide

residents of the District, and duly qualified voters under the laws of Texas as of the day of the election. Voters should attend the proper polling places prepared to exhibit their Voter Registration Certificate or evidence of exemption. In the absence of other evidence, the voter will be required to make affidavits of qualifications.

For the purpose of this election and the conduct of same, the District shall be divided into 20 election precincts designated and numbered on the attached list which shall be composed of one or more county voting precincts as indicated thereon. One polling place shall be provided in each District precinct and the location thereof is shown on the said list. Qualified voters may cast their ballot only at the polling place provided for the voting precinct in which they reside. Absentee Ballots may be cast during normal business, 8:00 A. M. to 4:30 P. M. at the General Office of the District, 800 East Northside Drive, Fort Worth, Texas from December 31, 1979 thru January 15, 1980. All designations of polling places hereinafter contained, unless otherwise indicated, will refer to numbers upon streets in the City of Fort Worth. The Polling Places provided for said election and the names of the officers to hold said election, except insofar as they may be changed or substituted, are as per copy attached hereto; 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.

President Newton presented the following letter to the Directors for their consideration, to wit:

Mr. Ben Hickey, General Manager
Tarrant County Water Control and
Improvement District Number One
P. O. Box 4508
Fort Worth, Texas 76106

Re: Hydraulic Model Study
Richland-Chambers Reservoir

Dear Mr. Hickey:

The service spillway for the Richland-Chambers Reservoir is a complex structure and will require sophisticated analysis and engineering design. As presently proposed, it will have a crest 1140 feet long and will contain 24 bays, each controlled with a 40x25 foot radial gate. The purpose of the structure is primarily for passing critical floods without creating a severe rise within the reservoir. Normally the gates will remain closed and will operate in a fashion similar to those at Cedar Creek. The spillway structure is being designed on the basis of the 100 year probable flood which is estimated to be 600,000 cubic feet per second.

It is our opinion that the District should employ internationally known consultants to conduct a hydraulic model study to confirm the characteristics of the proposed structure. The possibility of a failure is not acceptable and prudent judgment dictates that every possible means be taken to insure the best design. The state of the art is such that one cannot be certain of hydraulic characteristics unless the designs are actually tested by the use of scale models to confirm what will actually occur when the spillway is operating at various capacities. As you will recall, we employed the hydraulics laboratory at Colorado State University to perform model tests on the spillway at Eagle Mountain Lake in 1968 and 1969. Subsequent performance of the spillway under actual operating conditions has confirmed the hydraulic characteristics determined by the studies.

We have requested Dr. J. Paul Tullis, P.E., Professor of Civil Engineering at Utah State University, to prepare a proposal for they dydraulic model study to the District for your consideration. Dr. Tullis formerly was associated with Colorado State University and participated in the Eagle Mountain Studies with Dr. Karaki. He has international experience in hydraulic modeling and is eminently qualified to perform this study for the District. He will be assisted by Mr. James W. Ball, P.E. and Mr. William J. Rahmeyer, P.E., who are both associated with Colorado State University. Mr. Ball served for many years as a hydraulic research engineer for the Bureau of Reclamation Research Center at

Denver, Colorado, and has international experience in hydraulics. Mr. Rahmeyer is a research associate and is presently completing his doctorate program in fluid mechanics at CSU.

The cost of the studies is based on a cost times a multiplier with a total estimated fee to be \$125,626.13. This amount is slightly in excess of our budget but appears reasonable for the scope of work to be performed.

It is our recommendation that the proposal for hydraulic model studies at Richland-Chambers Reservoir submitted by Utah State University and Colorado State University in an amount not to exceed \$125,626.13 be accepted by the District. It should also be noted, in the acceptance, that a completion time of 36 weeks after authorization to proceed is a part of the agreement.

The model study is scheduled to be commenced by January 1, 1980, which means that authorization should be given during the month of December. Dr. Tullis has indicated that he is ready to proceed and that their work load is such that he anticipates no unusual delays in the completion of the report. The completion of the report is critical insofar as proceeding with the engineering designs is concerned as very little work can be done until our preliminary criteria has been confirmed by actual laboratory tests.

Please advise if additional information is required concerning this recommendation.

Yours very truly,

FREESE AND NICHOLS, INC.

/s/ James R. Nichols, P.E.

Following a discussion and review of the proposal by management of the District, and its recommendations, Director Alexander moved, seconded by Director Thornton and unanimously approved, that the proposal as submitted by Utah State University and Colorado State University, in an amount not to exceed \$125,626.13, for hydraulic model studies of the Richland-Chambers Reservoir be accepted.

5.

Management of the District requested permission to advertise for Depositary for District funds inasmuch as the present Contract

with Continental National Bank expires on March 1, 1980; whereon Director Alexander moved and the motion was seconded by Director Shannon and unanimously approved that management be authorized to advertise for Depositary.

6.

President Newton presented a letter dated December 6, 1979 from Mr. Paul Horton of McCall, Parkhurst and Horton, bond counsel for the District that stated in substance he had prepared and now furnished the District and Trinity River Authority a supplemental contract which would make the Authority an additional contracting party under the Base Contract with the Cities of Fort Worth and Mansfield; and in his opinion met all legal requirements; following a general discussion of the Contract and with recommendation of management of the District Director Thornton moved, seconded by Director Alexander and unanimously approved that the following Resolution be adopted, to wit:

SECTION 1

That, for and on behalf of Tarrant County Water Control and Improvement District Number One, the President of the Board of Directors of the District is hereby authorized and directed to sign, deliver, and otherwise execute, and the Secretary of the Board of Directors of the District is hereby authorized and directed to sign, attest, and seal the "Tarrant County Regional Water Supply Facilities Supplemental Contract for Trinity River Authority of Texas" in substantially the form and substance attached to this Resolution and made a part hereof for all purposes.

SECTION 2

That, upon its execution, said Supplemental Contract shall be binding upon the District in accordance with its terms and provisions.

SECTION 3

That should any part, portion, section, or part of a section of this Resolution be declared invalid or inoperative or void for any reason by a court of competent jurisdiction, such decision, opinion, or judgment shall in no way affect the remaining portions, parts, sections, or parts of sections of this Resolution, which provisions shall be, remain, and continue to be in full force and effect.

SECTION 4

That this Resolution shall take effect and be in full force and effect from and after the date of its adoption and it is so resolved; and all resolutions of the District in conflict herewith are hereby amended or repealed to the extent of such conflict, and all such resolutions, and any contracts or agreements authorized thereby, shall be of no further force or effect upon execution of the Supplemental Contract attached hereto and made a part hereof, except as otherwise specifically provided in said Supplemental Contract attached hereto.

7.

Mr. Ben Hickey, General Manager of the District, presented to the Directors figures from the Bureau of Labor Statistics, and other Agencies, relating to the increase in the cost of living during this period of inflation that reflected, among other costs, an increase of 14.2 per cent for retail prices above those a year ago.

Following a detailed discussion and review of the salary schedule, and classification with merit adjustments, Director Thornton moved, seconded by Director Alexander and unanimously approved, that all employees of the District be given an increase of Ten (10%) per cent of their current salary, effective January 1, 1980.

8.

President Newton stated that copies of District's Financial Report for October, 1979 had heretofore been furnished the Directors for their study; and following a general discussion of the Report, Director Thornton moved and the motion was seconded by Director Shannon

and unanimously carried that the Report be accepted and placed in the District's files.

9.

Mr. Hickey presented, and recommended, the proposed sale of the following tract of land now surplus to requirements of the District, to wit:

<u>LESSEE</u>	<u>DESCRIPTION</u>	<u>APPRAISED VALUE AND CONSIDERATION</u>
Charles Slaughter	185-37/100 Acres more or less G. Martines Survey, A-481 Cedar Creek Reservoir Henderson County, Texas	\$ 300,000.00

Following a discussion and upon recommendation of management of the District, Director Shannon moved, seconded by Director Thornton and unanimously approved, that the above described surplus land be sold either Cash or 10% down - Ten (10) year term @ ~~12%~~ interest with no prepayment penalty.

870 BOARD ACTION
1/28/80 B.H.

10.

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

O. Victor Thornton
Secretary

Wayne E. Newby
President