

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF
TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE
HELD IN THE DISTRICT OFFICE IN FORT WORTH, TEXAS, ON THE
2ND DAY OF AUGUST, 1952, AT 11:00 A. M.

The call of the roll disclosed the presence of Directors,
as follows:

PRESENT.

Joe B. Hogsett
Houston Hill
Dan H. Priest
W. L. Pier
A. T. Seymour, Jr.

Also present were Sidney L. Samuels, General Counsel, C. L. McNair,
General Manager, and Marvin C. Nichols of the firm of Freese and
Nichols, consulting engineers of the District.

Director Hogsett acted in his capacity as President, and
Director Priest acted in his capacity as Secretary, whereupon pro-
ceedings were had and done, as follows:

1.

Once again the Board took up the contents of the letter of
July 25, 1952, addressed to the Board of Directors by Mr. Marvin C.
Nichols of the firm of Freese and Nichols, with respect to the raw
water conduit crossings of the Brookside-Crestwood region. It was
stated that the District was to pay \$116,563.87 to the City when such
improvements were constructed, subject to the following conditions and
requirements recommended by Mr. Nichols in his letter of July 25, 1952,
hereinabove referred to, (which letter is attached hereto in folio
and made a part of these minutes).

In substance, the agreement on the part of the District to
make provisions for such payment, was conditioned upon the following

requirements:

"The District will pay (1) for the new 60" line from points marked (A) and (B) on attached map; (2) for connection of 36" to new 72" at points marked (E) and (E-1), and; (3) for necessary collars or encasement of 36" under new levee at point marked (F). The City will pay (4) for new 60" tie from points (C) to (B) to (D); (5) for new 72" crossing. Under this agreement the 36" will be abandoned from (E) to (E-1)."

Mr. Nichols in his communication to the Board made these following observations:

"Plans were prepared on this basis and bids were received by the City on July 24, 1952. Provisions were made in the proposal for the Contractor to bid on items composing the work described first above under (1) and (2). Bids were not received on item (3). The cost of (1) and (2) above as reflected by the successful bidder, H.B. Zachary and Company, and after adding cost of material purchased by City and 3% for engineering design (supervision not included) is \$115,063.87."

This further comment was made by Mr. Nichols:

"In Program B we included in our estimate the following amounts for work included in (1) and (2) above:

60" Water Conduit	\$ 90,000.00
36" Water Conduit	30,000.00
60" Conduit thru levees (2)	<u>5,000.00</u>

Sub-Total \$ 125,000.00

15% Engineering & Contingencies	<u>18,750.00</u>
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TOTAL \$143,750.00

In Program B we included \$1,500.00 for necessary alterations to the 36" conduit where it crosses the new levee. No plans or bids have been taken on this item (Item 3 above).

It is our opinion that a cash payment and settlement should be made by the District to the City for this work, with the City assuming full responsibility for the carrying out of the changes.

We, therefore, recommend that the sum of \$116,563.87 be paid the City in full settlement for the alteration and replacement of the 60" and 36" raw water conduits in the Brookside-Crestwood Area."

On motion of Director Seymour, seconded by Director Hill, it was agreed that the recommendations of Mr. Nichols as contained in said letter of July 25, 1952, be carried out, provided the City gave the District assurance in writing that it, the City, will repair the leaks in the existing 60" conduits, and on compliance by the City, and meanwhile assurance by the City that the work be performed by the City in accordance with the plans set up in Mr. Nichols' letter of July 25, 1952; that the money to be paid to the City (\$116,563.87) be paid (to the city) upon satisfactory completion of the work and in compliance with the requirements hereinabove mentioned, and that, before payment be made, such work and improvements by the City be approved by Mr. Marvin C. Nichols in a written report to that effect addressed to this Board.

The motion having been submitted, the same was unanimously carried, all the Directors voting "aye" thereon.

2.

Mr. McNair recommended to the Board that purchase be made of treated lumber for boat dock at Eagle Mountain Lake, the cost thereof to be \$275.00.

On motion of Director Priest, seconded by Director Pier, Mr. McNair was authorized to make purchase of said lumber, but that the District was to perform the work of repair.

The motion having been submitted, all the Directors voted "aye" thereon.

3.

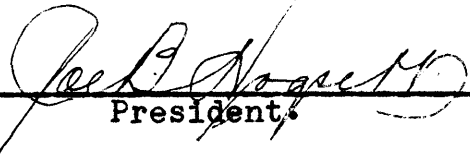
Mr. McNair further recommended that in view of the erosion

at the west end of Eagle Mountain Dam produced by wave action and erosion to land from same causes under lease to L. M. Barnes, that the Board should authorize him to correct such condition, subject to the approval thereof by Mr. Marvin C. Nichols, the Engineer for the District.


Discussion having been had by the Board on this recommendation, it was agreed that such work was expedient and urgent and every effort should be made to complete such work under the direction of Mr. Nichols, at the earliest possible date. The motion having been submitted to the Board, all the Directors voted "aye" thereon and it was carried.

4.

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



President.



Secretary.

FREESE AND NICHOLS
CONSULTING ENGINEERS
407-410 DANCIGER BUILDING
TELEPHONE ED-5431
FORT WORTH, TEXAS

**TO BE ATTACHED TO
MINUTES OF AUGUST 2, 1952
AT 11:00 A. M.**

July 25, 1952

Board of Directors
Tarrant County Water Control and
Improvement District No. 1
Fort Worth, Texas

Re: Raw Water Conduit Crossings
Brookside-Crestwood

Gentlemen:

Sixty-inch and thirty-six inch raw water conduits cross the West Fork in the Brookside-Crestwood section of the floodway improvements.

After numerous conferences with the District Engineer, Corps of Engineers, as to the location of the new channel and levees in this area, and with the Water Department, City of Fort Worth, as to the above raw water conduit crossings together with a new 72" conduit being constructed by the City, an agreement was reached as to the Layout of the water facilities in this section.

We reached an agreement with the City, subject to final approval by the Board, as to the portion to be paid by the District in accomodating the existing 60" and 36" conduits to the new channel and levees. Briefly, this agreement is as follows:

The District will pay (1) for the new 60" line from points marked (A) and (B) on attached map; (2) for connection of 36" to new 72" at points marked (E) and (E-1), and; (3) for necessary collars or encasement of 36" under new levee at point marked (F). The City will pay (4) for new 60" tie from points (C) to (B) to (D); (5) for new 72" crossing. Under this agreement the 36" will be abandoned from (E) to (E-1).

Plans were prepared on this basis and bids were received by the City on July 24, 1952. Provisions were made in the proposal for the Contractor to bid on items composing the work described first above under (1) and (2). Bids were not received on item (3). The cost of (1) and (2) above as reflected by the successful bidder, H. B. Zachary and Company, and after adding cost of material purchased by City and 3% for engineering design (supervision not included) is \$115,063.87.

In Program B we included in our estimate the following amounts for work included in (1) and (2) above:

Board of Directors
TCWC&ID No. 1

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July 25, 1952

60" Water Conduit	\$ 90,000.00
36" Water Conduit	30,000.00
60" Conduit thru levees (2)	<u>5,000.00</u>
Sub-Total	\$125,000.00
15% Engineering & Contingencies	<u>18,750.00</u>
TOTAL	\$143,750.00


In Program B we included \$1,500.00 for necessary alterations to the 36" conduit where it crosses the new levee. No plans or bids have been taken on this item (Item 3 above).

It is our opinion that a cash payment and settlement should be made by the District to the City for this work, with the City assuming full responsibility for the carrying out of the changes.

We, therefore, recommend that the sum of \$116,563.87 be paid the City in full settlement for the alteration and replacement of the 60" and 36" raw water conduits in the Brookside-Crestwood Area.

Respectfully submitted,

FREESE AND NICHOLS


Marvin C. Nichols, District Engineer
Tarrant County Water Control and
Improvement District No. 1

MCN/he

ESTIMATE OF COST
TO WATER DISTRICT OF
RELOCATION OF RAW WATER CONDUIT
BROOKSIDE-CRESTWOOD AREA

(Based on Proposed Contract Prices - H. P. Zachry)

<u>Item</u>	<u>Quantity</u>	<u>Unit Price Bid</u>	<u>Amount</u>
60" Concrete Pressure Pipe	550 L.F.	\$ 50.00	\$27,500.00
60" Steel Cylinder Pipe	375 L.F.	70.00	26,250.00
Connection to Existing Conduit-Brookside	Lump Sum		1,426.00
River Crossing - 60" Rerouted Conduit	Lump Sum		22,000.00
Concrete Cradle or Blocking - Reinforced	150 C.Y.	61.50	9,225.00
Concrete Cradle or Blocking-Unreinforced	4 C.Y.	54.00	216.00
Concrete Seepage Collars	39 C.Y.	61.50	2,398.50
Access Manhole - Combined	2 Each	1321.00	2,642.00
Blow Off Manhole	1 Each	730.00	730.00
12" C.I. Pipe at Blow Off	50 L. F.	1.60	80.00
Fine Granular Embankment	300 C.Y.	2.61	783.00
Connections to Existing 36" Conduit	2 Each	4408.00	8,816.00
Install 36" Gate Valve & Vault	2 Each	1877.00	3,754.00
Materials Purchased by City:			
36" Gate Valves	2 Each	2856.00	5,712.00
12" C. I. Pipe	50 L.F.	3.60	180.00
Sub-Total Construction			\$111,712.50
Engineering Design 3%			3,351.37
TOTAL - DISTRICT COST			\$115,063.87

FREEMAN AND NICHOLS

July 24, 1952