

MINUTES OF A REGULAR 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
11TH DAY OF JUNE, 1936, AT 3:00 P.M.

All Directors were present and participating, as follows:

C. A. Hickman	W. S. Cooke
E. E. Bewley	W. K. Stripling
Joe B. Hogsett	

President Hickman acted in his capacity as President of the Board and Director Stripling acted in his capacity as Secretary, whereupon proceedings were had and done, as follows:

1.

Minutes of the meeting of May 11, 1936, were read, approved and ordered of record.

2.

Attached to these minutes as Exhibit "A" appears a statement of the financial condition of this District as of this date, to which reference here is made as part hereof. This statement, among other things, shows proposed Voucher-Checks consecutively and inclusively numbered from 4775 to 4818 for the aggregate sum of \$14,431.51. There was full examination of the accounts and data supporting the issuance of said checks, whereupon Director Hogsett made a motion that each of said accounts do be approved for payment and that each of said proposed checks except check #4818, payable to Barker Brothers (to be later acted upon), do be approved for payment and that the designated checks do be issued and delivered to the respective persons entitled to receive the same. The motion was seconded by Director Cooke. Upon a vote being taken the motion was carried, and it was so ordered.

There was presented to the Directors for consideration monthly estimate #5, for work performed on Section "A" of the Levees in the City of

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Fort Worth, in the sum of \$11,527.26, covered by proposed check #4818, payable to Barker Brothers. Said estimate is attached as a part of these minutes and has been marked for identification as Exhibit "B." There was full consideration of this estimate and the proposal to pay the same, whereupon Director Hogsett moved that the District's Voucher-Check #4818 for its stated sum do be approved and delivered to Barker Brothers in payment of said estimate #5. The motion was seconded by Director Cooke. Upon a vote being taken Directors Bewley, Hogsett, Cooke and Stripling voted for the motion, and President Hickman asked to be recorded as favoring the motion. The motion was carried, and it was so ordered.

3.

There was presented to the Directors for consideration the report of the District's Auditors dated May 18, 1936, covering the month of April, 1936, and the year to date. Each of the Directors had received a copy of this report at a prior time and was familiar with the contents thereof. It was the sense of the Directors that the report required no action at this time, and the same should be received and filed.

4.

President Hickman made an oral report of his negotiations with Mr. O. P. Leonard, concerning the proposal of Mr. Leonard to lease the borrow-pit existing at the southerly side of the Eagle Mountain Dam for the purpose of establishing a minnow or fish hatchery. This report recited that there had been a joint inspection of the property involved; further that, Mr. Leonard had indicated that he would desire about an acre of ground to the west of the roadway as the location for a house for the custodian of the hatchery. There was full discussion of this matter, whereupon Director Hogsett made a motion that the sense of the Directors be expressed, as follows:

- (a) That Mr. Leonard should utilize ground on the east side of the roadway, near the westerly end of the borrow-pit as the location for a care-taker's house;
- (b) That the lease, if made, should provide that both parties to the proposed contract should have the right, after reasonable written notice, to terminate the contract at the expiration of the year 1938, without liability on the part of either party, and to be subject to the right of Mr. Leonard to remove from the premises such salvagable improvements as he may have placed on the leased property.
- (c) That in any event the work to be done by Mr. Leonard should not result in disturbing the earth within 40 feet of the southerly edge of the small levee on the lower berm of the dam.
- (d) That the rentals to be paid under the contract should be as follows:

To January 1	1937	\$100.00
For the year	1937	200.00
For the year	1938	200.00
For subsequent years, if any,		500.00

The motion was seconded by Director Stripling. Upon a vote being taken, the motion was carried, and it was so ordered.

5.

The Attorneys for the District presented to the Directors the fact that the Commissioners to assess damages in the condemnation proceeding instituted by the District against Glenn Lee and F. S. Windle had made a report finding the damages to be \$1,520.00: That objection to the report had been filed within the proper time and that it was now necessary for the Directors to determine whether they wished to take the property at the in-

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licated price; or prosecute appeal from the finding, or abandon the proposal to straighten the river between West 7th Street and the Jacksboro Highway in the City of Fort Worth; whereupon, Director Bewley moved that the attorneys be instructed to dismiss the proceeding without prejudice to the District's right to later seek apportion of the property, and that the District pay all cost incurred in this proceeding, including cost of dismissal under this order. The motion was seconded by Director Cooke. Upon a vote being taken, the motion was carried, and it was so ordered.

6.

Mr. Nichols, of the Engineers, and Mr. Hampton, of the Attorneys, presented to the Directors an extended correspondence and recitation of oral communications had for the District with the State Board of Water Engineers and Mr. Ellsworth of the United States Geological Survey for Texas, whereby the District has sought the joint installation, maintenance and operation of a station for the measurement of the streamflow at the point where the bridge on the road between Decatur and Bridgeport, in Wise County, crosses Big Sandy. Reference here is made to the record as part hereof.

It was represented that the cost to the State Water Engineers for installation would be about \$500.00 and the cost of maintaining this station would be between \$400.00 and \$500.00 a year, of which cost the Federal Government would bear 40% of the installation and 50% of the maintenance. The State Board of Water Engineers must nominally bear the remaining cost; that the state had no money available for this purpose but that the request could be granted provided that: The District would make a survey to determine that there would be no back water influence at the location of the bridge over Big Sandy and that; the District make available to the State Board of Water Engineers for use by them, as though the money had been provided by the State, sums as follows:

- (a) Immediately to be invested in the installation of the automatic register of streamflow \$300.00
- (b) Monthly to be paid to the State Board of Water Engineers for use in the maintenace and operation and the gauging station. 20.00

It was explained that the plan contemplated that the operation of the station (which will automatically record the stream's flow) could be accomplished by the District's Custodian at the Bridgeport Reservoir; that this would involve reading probably once a week; would require little time and would add to the expense of the custodian little more than the cost of operating an automobile to the station, probably once a week. It was further explained that the \$20.00 remitted to the Water Board (to be deducted from the sum to be monthly paid directly to the Custodian) would be by them remitted to the District's Custodian, just as though he was an employee of the State and that the cost to the district would be very slight after the installation was completed. Upon consideration of this matter and the favoring recommendation of the Engineers (Exhibit B2 hereto), Director Cooke made a motion that the suggested expenditures, in cooperation with the State Board of Water Engineers and the Federal Government, be authorized and the object of the expenditures consummated at the least possible delay. The motion was seconded by Director Hogsett. Upon a vote being taken, the motion was carried, and it was so ordered.

7.

Attached to these minutes as Exhibit "C" in folio are two letters from the District's Engineers dated June 11, 1936, which here are referred to as part hereof. There was full consideration of this communication, whereupon Director Cooke made a motion, seconded by Director Hogsett which was as follows:

- (a) That the District authorize the expenditure of such a sum of money as would be necessary to provide an efficient and adequate

filter for water to be used for household purposes at the Bridgeport Custodian's home and that the engineers do promptly proceed with the installation of such a filter.

(b) That the engineers be requested to instruct the custodian at the Bridgeport Reservoir to employ at the District's expense such labor as might be required to mend the washes and reset the dead Bermuda grass on the Berkshire Levee, as recommended in paragraph 2 of the first letter of Exhibit "C."

(c) That the engineers be requested to procure materials and instruct the custodian of the Eagle Mountain Dam to incur such labor expense as may be necessary to provide a barrier of wooden or metal bouys to be placed in position around the whirlpool caused by the opening of valves at the Eagle Mountain conduits, in order to guard against the loss of lives through boats or swimmers venturing into this occasionally dangerous area (as recommended in paragraph 5) of the first letter of Exhibit "C."

That all other suggestions made by the District's engineers as set out in Exhibit "C" be reserved for further consideration.

8.

The attorneys for the District called to the attention of the Directors that the Federal Emergency Administration of Public Works had given written consent that this District proceed to actually enter into contract for the work proposed to be done on Section "B" of the Fort Worth Levees under the bid of Cage Brothers and J. C. Ruby, which was for the sum of \$38,935.58, whereupon Director Bewley made a motion concerning the bids filed with the District on May 28, 1936, which was as follows:

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(a) That all bids other than those of Cage Brothers and J. C. Ruby of Bishop, Texas, Barker Brothers of Fort Worth, Texas, and the Loan Star Construction Company of San Antonio, Texas, do be rejected and that their good faith deposit checks or bonds, as the case may be do be promptly returned to them, respectively.

(b) That Messrs. Cage Brothers and J. C. Ruby of Bishop, Texas, do be notified to enter into formal contract and to give and submit for approval their performance bond, as contemplated by their proposal of May 28, 1936.

(c) That the bids of Messrs. Barker Brothers and the Loan Star Construction Company do be reserved until such time as it may be definitely ascertain that the low bidders will qualify as required by the law.

Further be it ordered that the analysis of the bids filed on May 28, 1936, and the written recommendation of the engineers for the District based on said bids be attached to the minutes of this meeting marked Exhibit "D" and made a part hereof - so be it ordered. This motion was seconded by Director Cooke. Upon a vote being taken, Directors Bewley, Hogsett, Cooke and Stripling voted for the motion, and President Hickman asked to be recorded as favoring the motion, whereupon the motion was declared to be in force and effect.

9.

A proposal of L. C. Glanton to lease until January 1, 1937, the approximate 54.28 acres out of the Marshall Land for the cash consideration of \$25.00 which has been paid to the District, and further consideration that the lessee will repair and replace screens for the windows and doors and make such other repairs as he may deem necessary and to leave the re-

pairs in place at the expiration of his lease. It was explained that this house had been vacant and that continued vacancy would result in further injury to the house and premises.

A proposal of W. G. Stum to lease approximately 178.38 acres for pasturage purposes, being District Tract No. 342A known as the Stock Yards National Bank Land. This lease was accompanied by a check for \$75.00, drawn on the Fort Worth National Bank by W. G. Stum, tendered in full payment for the lease. A further proposal was presented that if the renewal of the lease for the year 1937 was granted that \$120.00 per year would be paid to the District; that the lessee would have the right to place upon the land some improvements which he would desire to remove at the termination of the lease. After full consideration of both of these proposals, the expressed sense of the Directors was that the lease to Mr. Glanton be approved and consummated as proposed and that the proposal of Mr. Stum be granted and consummated in all particulars except that the District decline to make any commitment for the lease of the land for a time after December 31, 1936. It was so ordered.

<u>PROPOSAL OF</u>	<u>FOR LEASE OF LAND PURCHAS- ED FROM</u>	<u>TRACT NO.</u>	<u>APPROX. ACRES</u>	<u>TOTAL CON- SIDERATION</u>	<u>AMOUNT ACCOMPANYING</u>		<u>BALANCE DUE</u>
					<u>CASH</u>	<u>CHECK</u>	
L. C. Glanton	O. L. Marshall	283	54.28	\$25.00		\$25.00	
W. G. Stum	Stock Yards Nat'l Bank	342A	178.38	75.00		75.00	

10.

No further business was presented and the meeting was adjourned.

W. A. Stimping
As Secretary

APPROVED:

C. P. H. [Signature]
As President

EXHIBIT "A"

JUNE 11, 1936, 3:00 P.M.

TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONEVOUCHER-CHECKS ISSUED MAY 11, 1936, TO JUNE 6, 1936, INCLUSIVE

<u>NO.</u>	<u>ISSUED TO</u>	<u>COVERING</u>	<u>AMOUNT</u>
4744	Arilla Evans and C. E. Farmer	Grants, Easements & Rights, Levee Improvement Section "A"	\$ 250.00
<u>CONSTRUCTION CUSTODIAN'S RESIDENCE, E. M.</u>			
4745	M. S. Carr	Carpenter-Contractor W/E 5/16/36	33.00
4746	C. H. Elliott	Carpenter, W/E 5/16/36	27.50
4747	W. E. Smith	Carpenter, W/E 5/16/36	27.50
4748	Ted Vautrin	Labor, W/E 5/16/36	10.50
4749	Roy Irby	Payment on A/C Rock Veneer Work	70.00
4750	M. S. Carr	Carpenter-Contractor, W/E 5/23/36	22.00
4751	C. H. Elliott	Carpenter, W/E 5/23/36	27.50
4752	W. E. Smith	Carpenter, W/E 5/23/36	10.00
4753	Ted Vautrin	Labor, W/E 5/23/36	1.40
4754	C. J. Bell	5 yds. Sand	10.00
4755	A. E. Holt	Sheet Metal Work	12.50
4756	T. H. Walker	Payment on A/C, Plumbing Work	50.00
4757	R. A. Stuart and Virgil Wofford	Levee Improvement, Section "A"	100.00
4758	T. T. Thompson	Levee Improvement, Section "A"	436.71
4759	Mrs. H. E. Turbeville	Core Drilling Work, B. P.	62.00
<u>CONSTRUCTION CUSTODIAN'S RESIDENCE, E.M.</u>			
4760	M. S. Carr	Carpenter-Contractor, W/E 5/30/36	16.50
4761	C. H. Elliott	Carpenter W/E 5/30/36	20.62
4762	Ted Vautrin	Labor W/E 5/30/36	2.80
4763	Roy Irby	Payment on A/C Rock Veneer Work	20.00
4764	Morrow Wrecking Co.	Payment on A/C, Materials	500.00
4765	Marjorie Rowell	Salary, May 1936	65.00
4766	C. L. McNair	(Salary, Custodian B. P. May 1936 \$100.00 (Allowance, May 1936 7.50	107.50
4767	B. W. Bintliff	(Salary, Custodian, E. M. May 1936 \$100.00 (Allowance, May 1936 7.50	107.50
<u>CONSTRUCTION CUSTODIAN'S RESIDENCE, E. M.</u>			
4768	M. S. Carr	Carpenter-Contractor, W/E 6/6/36	22.00
4769	C. H. Elliott	Carpenter, W/E 6/6/36	27.50
4770	Ted Vautrin	Labor W/E 6/6/36	7.00
4771	Jess Lancaster	Stone-Mason, W/E 6/6/36	10.94
4772	Pete Kitchen	Stone-Mason, W/E 6/6/36	16.56
4773	Joe Snyder	Labor, W/E 6/6/36	6.30
4774	C. J. Bell	2 yds. Sand	4.00
<u>T O T A L</u>			\$2,084.83
<u>DISTRIBUTION OF VOUCHER-CHECKS #4744 TO #4774, INCLUSIVE</u>			
Levee Improvements, Section "A"		\$	786.71
Construction Custodian's Residence, E.M.			956.12
Core Drilling B. P.			62.00
Office			65.00
Eagle Mountain Dam			107.50
Bridgeport Dam			107.50
<u>T O T A L</u>			\$2,084.83

TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE

VOUCHER-CHECKS #4775 TO #4818, INCLUSIVE

<u>NO.</u>	<u>ISSUED TO</u>	<u>COVERING</u>	<u>AMOUNT</u>
4775	C. A. Hickman	Director's Fees	\$ 20.00
4776	E. E. Bewley	Director's Fees	20.00
4777	W. K. Stripling	Director's Fees	20.00
4778	Joe B. Hogsett	Director's Fees	20.00
4779	W. S. Cooke	Director's Fees	10.00
4780	Sidney L. Samuels	Legal Services	333.34
4781	Ireland Hampton	Legal Services	500.00
4782	E. B. Cheatham	Salary	200.00
		(Engineering & Supervision:	
4783	Hawley, Freese & Nichols	(Month of May, E. M.	\$100.00
		(Month of May, B. P.	<u>100.00</u>
4784	C. L. Worley	Labor, B. P.	.40
4785	C. L. Worley	Labor, Grouting, B.P.	1.60
4786	Leo Warner	Labor, B. P.	4.30
4787	Leo Warner	Labor, Grouting, B.P.	19.90
4788	R. D. McDaniel	Labor, B. P.	1.80
4789	R. D. McDaniel	Labor, Grouting, B. P.	17.00
4790	A-1 Typewriter Shop	Typewriter Ribbon	.75
4791	R. W. Caldwell	Pipe Fittings, etc., B. P.	2.00
4792	Wm. Capps Building Co.	Office, Rent, June	40.00
4793	Cook Paint & Varnish Co.	Paint for Lake Level Gauge, E. M.	2.61
		(Publication "Notice to Bidders"	
4794	Fort Worth Star-Telegram	(Levee Improvement Section "B"	132.00
4795	The Gaither Oil Co.	55 Gals. Gas, for Motor Boat, E. M.	7.15
4796	The Gaither Oil Co.	Oil & Gas, For Truck, E.M.	14.16
4797	Home Telephone & Electric Co.	Phone Service, E. M.	7.50
4798	Jones Lumber Co.	20 Sax Cement for Grouting, B.P.	12.00
4799	E. W. Reddell	Making Pipe Clamps, B. P.	2.00
		(Fire Insurance, Custodian's Res. E. M.	\$72.50
4800	Roberts & Rhea	(Windstorm Insurance, Custodian's Res.	97.50
		Eagle Mountain	<u>25.00</u>
4801	The Southwest Telephone Co.	Phone Service, B. P.	15.45
4802	Southwestern Bell Telephone Co.	Phone Service, Office	10.45
4803	Stafford-Lowdon Co.	Supplies	8.65
4804	Texas Power & Light Co.	Electric Sarvice, B. P.	13.60
4805	Sloan Lumber Co.	Lumber for Making Lake Level Gauge, E. M.	1.26
4806	Weinstein's Hardware Co.	Making 4 Keys, E. M.	1.15
4807	Western Union Telegraph Co.	(Telegraph Service: Re: Glenn Lee Land	
		(Levee Improvement, Section "A"	5.60
4808	John F. McEntire	(5 Days Service and use of automobile	21.00
		(2 Days, Glenn Lee Condemnation	
4809	R. L. Parker	5 Days Service, Glenn Lee Condemnation	15.00
4810	Geo. E. Nies, Jr.,	5 Days Service, Glenn Lee Condemnation	15.00
4811	Magnolia Petroleum Co.	Oil & Gas for Compressor, Grouting, B. P.	18.40
4812	W. E. Alexander, Dist. Clk.,	(Deposit, for costs, Cause #14420A, Lois	7.50
		(Lephiew, et al vs. W. C. McGee, et al	
4813	W. E. Alexander, Dist. Clk.,	(Bill of Costs, Cause #14213A, Mrs. Arilla	
		(Evans vs. this District	11.80
4814	C. A. Hickman	Traveling Expense	14.40
4815	H. D. Young, Postmaster	Postage Stamps	4.00
4816	Mrs. H. E. Turbeville	Core Drilling Holes #14, #15, #16, B. P.	244.25
4817	Hawley and Freese	Estimate #42, Engineering	810.73
4818	Barker Bros.	Payment #5, Levee Improvements, Section "A"	<u>11,527.26</u>
		<u>T O T A L</u>	\$14,431.51

DISTRIBUTION OF VOUCHERS #1775 TO #1818 INCLUSIVE

Directors	\$	104.40
Legal		833.34
Office		263.85
Engineering		810.73

EAGLE MOUNTAIN DAM:

Engineering and Supervision	\$ 100.00	
Phone Service	7.50	
Gasoline for Motor Boat	7.15	
4 Lock Keys	1.15	
Materials for Making Lake Level Gauge	<u>3.87</u>	119.67
Insurance on Custodian's Residence, E. M.		97.50
Oil & Gas for Truck, Hauling Rock for Custodian's Residence, E. M.		14.16

BRIDGEPORT DAM:

Engineering and Supervision	\$100.00	
Phone Service	15.45	
Electric Service	13.60	
Labor	<u>6.50</u>	135.55
Grouting Test Holes, B.P.		72.90
Core Drilling Test Holes, B. P.		244.25
Levee Improvements, Section "A"		11,603.16
Levee Improvements, Section "B"		<u>132.00</u>

TOTAL \$ 14,431.51

CONDITION OF FUNDS

	<u>CONSTRUCTION FUND</u>	<u>MAINTENANCE FUND</u>	<u>INTEREST AND SINKING FUND</u>
BOOK BALANCE: May 11, 1936	\$81,210.18	\$33,421.24	\$177,300.31
RECEIPTS: Taxes, Penalty, etc.,		697.89	24,425.88
Interest on Collector's D/B		.07	2.45
Interest on Bank D/B	18.56	7.11	36.95
Land Rentals		50.00	
Miscellaneous		<u>1.20</u>	
	<u>\$81,228.74</u>	<u>\$34,177.51</u>	<u>\$201,765.59</u>
DISBURSED:			
5/11/36 to 6/6/36 Incl. Vo. #1744 to #1774 Inc.	<u>1,804.83</u>	<u>280.00</u>	
	\$79,423.91	\$33,897.51	\$201,765.59
DISBURSED:			
By: Vo. #1775 to #1818 Inc.	<u>12,877.20</u>	<u>1,554.31</u>	
BOOK BALANCE JUNE 11, 1936	\$66,546.71	\$32,343.20	\$201,765.59

FEDERAL-EMERGENCY-ADMINISTRATION-OF-PUBLIC-WORKS

Less deduction orders

PERIODICAL ESTIMATE FOR PARTIAL PAYMENT NO. 5, DOCKET NO. 5984-Texas

For the period May 1st, 1936 to May 31st, 1936, inclusive. Type of project Levee Improvement.
 Location Fort Worth, Texas. State Texas.
 Borrower's name and address Tarrant County Water Control and Improvement District No. 1. Symbol No. 41311
 Contractor's name and address Barker Bros., Fort Worth, Texas. Contract No. 696-A
 Estimated cost, \$ _____
 Contract price, \$ 98,466.37

Item No.	Units or lump sum	ESTIMATED NUMBER OF UNITS (Quantity)				Estimated physical percent completed	
		Detailed estimate	This estimate	To date	Uncompleted	Period	To date
1	Acre	10	0	5.33	2	0	73
2	Cu. Yd.	341,650	51,650	204,800	95,800	17	69
3	Yd. Sta.	1,160,000	111,858	571,400	588,600	10	50
4	Cu. Yd.	39,750	4,380	19,095	20,655	11	48
5	Cu. yd.	800	0	1,938	0	0	100
6	Acre	30	10.0	13.10	16.9	33	44
7	L.S.	1	0	100%	0	0	100
8	L.S.	1	3%	98%	2%	3	98
9	L.S.	1	0	100%	0	0	100
13	Cu. Yd.	20	0	27	0	0	100

Section 9 of the Emergency Relief Appropriation Act of 1935, reads as follows:

"Any person who knowingly and with intent to defraud the United States makes any false statement in connection with any application for any project, employment, or relief aid under the provisions of this joint resolution, or diverts, or attempts to divert, or assists in diverting for the benefit of any person or persons not entitled thereto, any moneys appropriated by this joint resolution, or any services or real or personal property acquired thereunder, or who knowingly, by means of any fraud, force, threat, intimidation, or boycott, deprives any person of any of the benefits to which he may be entitled under the provisions of this joint resolution, or attempts so to do, or assists in so doing, shall be deemed guilty of a misdemeanor and shall be fined not more than \$2,000 or imprisoned not more than 1 year, or both."

Section 35 of the Criminal Code, as amended, provides a penalty of not more than \$10,000 or imprisonment of not more than 10 years, or both, for knowingly and willfully making or causing to be made any false or fraudulent statements or use or cause to be made or used any false account, claim, certificate, affidavit, or deposition, knowing the same to contain any fraudulent or fictitious statement relating to any matter within the jurisdiction of any governmental department or agency.

CERTIFICATION OF THE CONTRACTOR OR HIS DULY AUTHORIZED REPRESENTATIVE

To the best of my knowledge and belief, I certify that all items, units, quantities, and prices of work and material shown on the face of Sheets Nos. **1** of this Periodical Estimate are correct; that all work has been performed and materials supplied in full accordance with the terms and conditions of the corresponding construction bills contract documents between **Tarrant County Water Control & Imp. Dist. No. 1.** and **Barker Bros.** dated **Dec. 17, 1935** approved by the State Director, and all change orders approved by the

State Director; that the following is a true and correct statement of the contract account up to and including the last day of the period covered by this estimate and that no part of the "total amount payable this estimate" has been received:

(a) Total due based on the unit price contract ^{unit price contract}	\$ 60,555.16
(b) Total additions beyond scope of contract	0
(c) Total earned, original contract and additions (sum of a and b)	60,555.16
(d) Total percentage retained including this estimate 10%	6,055.52
(e) Total due on account of original contract plus additions and minus retained percentage	54,499.64
(f) Total previously received (from last estimate)	42,972.38
(g) Balance due this payment on contract and additions	\$ 11,527.26
(h) Advance on materials stored this period	0
(i) Total amount payable this estimate	\$ 11,527.26

I further certify that all just and lawful bills against **Barker Bros.** for labor, material and expendable equipment employed in the performance of said contract have been paid in full in accordance with *Paragraph 11, 12, P. W. A. Construction Regulations.

Contractor	Barker Bros.	Place	Fort Worth, Texas.
By	<i>J. K. DeWitt</i>		
Title	Superintendent.	Date	June 4th, 1936.

CERTIFICATE OF THE BORROWER'S SUPERVISING ENGINEER OR ARCHITECT IN CHARGE

I certify that I have verified this Periodical Estimate, and that to the best of my knowledge and belief it is a true and correct statement of work performed and material supplied by the contractor, and that the contractor's certified statement of his account and the amount due him is correct and just, and that all work and material included in this Periodical Estimate have been performed and supplied in full accordance with the terms and conditions of the corresponding construction contract documents and change orders approved by the State Director.

Name	<i>J. K. DeWitt</i>	Place	Fort Worth, Texas.
Title	Resident Engineer.	Date	June 4, 1936

CERTIFICATE OF THE PUBLIC WORKS ADMINISTRATION ENGINEER INSPECTOR IN CHARGE

I certify that I have verified this Periodical Estimate, and that to the best of my knowledge and belief it is a true and correct statement of work performed and material supplied by the contractor, that I have in my possession satisfactory evidence of payment by the contractor of all just and lawful bills against him for labor, material, and expendable equipment employed in the performance of his contract in full accordance with *Paragraph 11, 12, P. W. A. Construction Regulations, that all work and material included in this Periodical Estimate have been inspected by me or my duly authorized assistants and have been found to comply with the terms and conditions of the construction contract documents and change orders approved by the State Director.

Name	<i>E. H. Conrad</i>	Place	Fort Worth, Texas.
Title	<i>P. O. DeWitt</i>	Date	6/4/36

* Strike out number not applicable.

REVENUE—INVESTMENT REPORT

Line	Item No.	Unit Price	Amount	Percent	Amount	Percent	Total physical percent complete	14	67
	1	0.1675	57,226.37	8,651.37	34,304.00	15,912.50	17	69	
	3	0.0125	14,500.00	1,398.23	7,142.50	7,357.50	10	50	
	4	0.14	5,565.00	613.20	2,673.30	2,891.70	11	48	
	5	0.20	160.00	2,000.00	2,620.00	3,380.00	33	44	
	6	200.00	6,000.00	2,000.00	2,620.00	3,380.00	33	44	
	7	3,466.00	3,466.00	0	3,466.00	0	0	100	
	8	4,842.00	4,842.00	145.26	4,745.16	96.84	3	98	
	9	4,017.00	4,017.00	0	4,017.00	0	0	100	
	13	1.00	20.00	0	27.00	0	0	100	
Totals			98,466.37	12,708.06	60,555.16	30,548.54	14	67	

Total—Change orders, Materials stored, if allowed, Grand total, Section 3 of the Civilian Control Act as amended, providing a benefit of not more than \$10,000 or impairment of not more than 10 acres or more of a particular tract of land...

U.S. GOVERNMENT PRINTING OFFICE: 1932

JOHN B. HAWLEY
S. W. FREESE
M. C. NICHOLS
H. A. HUNTER

EXHIBIT "B"
JUNE 11, 1936, 3:00 P.M.

WATER SUPPLY
WATER PURIFICATION
SEWERAGE
SEWAGE TREATMENT
FLOOD CONTROL
APPRAISALS

HAWLEY, FREESE AND NICHOLS
CONSULTING ENGINEERS
407-410 CAPPS BUILDING
FORT WORTH, TEXAS

June 4, 1936

FWA Docket No. 5984 Texas

Board of Directors,
Tarrant County Water Control and
Improvement District Number One,
Fort Worth, Texas.

Gentlemen:

We hand you herewith periodical estimate
for partial payment No. 5 for work done during the
month of May on the levee improvement work being
done by Barker Brothers, general contractors.

Yours very truly,

HAWLEY and FREESE

BY

J. K. Alworne

APPROVED:

John B. Hawley

JUN -4 1936

JOHN B. HAWLEY
S. W. FREESE
M. C. NICHOLS
H. A. HUNTER

EXHIBIT "B2" JUNE 11, 1936. 3:00 P.M.

WATER SUPPLY
WATER PURIFICATION
SEWERAGE
SEWAGE TREATMENT
FLOOD CONTROL
APPRAISALS

"Ex. B2"

HAWLEY, FREESE AND NICHOLS
CONSULTING ENGINEERS
407-410 CAPPS BUILDING
FORT WORTH, TEXAS

June 20, 1936

Dr. C.A. Hickman, President,
Tarrant Cty. Water Control and
Improvement District #1,
Fort Worth, Texas

Dear Dr. Hickman:

We have examined the tentative proposal of the Water Resources Branch of the U.S. Geological Survey to construct and maintain a stream gauging station on Big Sandy Creek east of Bridgeport in cooperation with the Tarrant County Water Control and Improvement District No. 1.

We have also discussed the matter with Mr. Ellsworth of the Water Resources Branch. It is our understanding that the station can be constructed at an approximate cost of \$300.00 to the District and maintained, through a working agreement with the State Board of Water Engineers, whereby the Custodian of the Bridgeport Reservoir can assist in the maintenance and operation of the station.

We are of the opinion that the establishment of this station will be quite helpful to the District in the settlement of law suits arising out of the flooding of certain areas at the Upper end of Eagle Mountain reservoir.

We are also of the opinion that the proposal of Mr. Ellsworth is the most advantageous that the District can expect to obtain. It is therefore our recommendation that the Board enter into an agreement with the State Board of Water Engineers along the lines submitted.

Respectfully submitted,

Hawley, Freese and Nichols

M. C. Nichols

By:

MCN:RP

JOHN B. HAWLEY
S. W. FREESE
M. C. NICHOLS
H. A. HUNTER

EXHIBIT "C"
JUNE 11, 1936, 3:00 P.M.

WATER SUPPLY
PURIFICATION
SEWERAGE
SEWAGE TREATMENT
FLOOD CONTROL
APPRAISALS

HAWLEY, FREESE AND NICHOLS
CONSULTING ENGINEERS
407-410 CAPPS BUILDING
FORT WORTH, TEXAS

June 11, 1936

Hon. C. A. Hickman, President,
Tarrant County Water Control and
Improvement District Number One,
Fort Worth, Texas.

Dear Sir:

Your engineers have the honor to report (on matters outside "Estimates due Contractors"), as follows:

1. At Bridgeport Dam the test holes being drilled by Mrs. Turbeville are about to be completed, No. 17, now under the drill, being possibly the last. 1(a) Your capable custodian has "grouted" all but four short holes and No. 17, which is barely started, at very low cost.
2. After completion of the Allhands-Davis contract for filling the Rock Island gap at Berkshire Levee, and after final payment to that firm, lack of moisture caused perhaps 1/2 acre of Bermuda sod to die; later the excessive down-pour ($5\frac{3}{4}$ in.) came and washed a number of little gullies in the earth slope. Mr. McNair should, in our judgment, be authorized to employ local men, 3 or 4, to fill the gullies and set another sodding of Bermuda grass, after the next June shower, now about due. Total cost about \$50.00.
3. We recommend that a small portable centrifugal pump of about 100 gallons per minute capacity vs 120 ft. head be secured for watering Bermuda grass at both dams (and both levees); the pump should be actuated by a 6 or 8 H.P. gasoline engine. We will secure competitive prices when so directed.
4. We beg to call attention to the continual "sloughing off" of the carth at each edge of the County road leading from Azle road north to Eagle Mountain Dam, and suggest that the Commissioner's Court be memorialized in the premises.
5. We recommend that Custodian Bintliff be authorized and instructed to secure and anchor a barrier of wooden or metal buoys a proper distance from and around the "vortex" or "Whirlpool" above the valve house at Eagle Mountain Dam (when 3 or 4 valves are open,)
6. As to a sewage disposal plant for Eagle Mountain House, we recommend a system like that designed in 1926 for Col. John Stephen Sewell of Birmingham, Alabama, for his country estate in the Georgia Mountains. This plant has been in satisfactory service many years. This plant will cost approximately \$200.00 to \$250.00.

Respectfully,


For HAWLEY, FREESE and NICHOLS

JBH: CW

JOHN B. HAWLEY
S. W. FREESE
M. C. NICHOLS
H. A. HUNTER

WATER SUPPLY
WATER PURIFICATION
SEWERAGE
SEWAGE TREATMENT
FLOOD CONTROL
APPRAISALS

HAWLEY, FREESE AND NICHOLS
CONSULTING ENGINEERS
407-410 CAPPS BUILDING
FORT WORTH, TEXAS

June 11, 1936

Dr. C. A. Hickman, President,
Tarrant County Water Control and
Improvement District Number One,
Fort Worth, Texas.

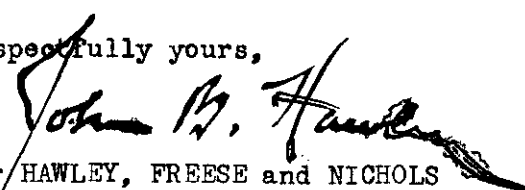
Dear Sir:

I gave Mr. Schmelling's analysis of the Bridgeport lake water, after same had passed through the pores of the crockery filter installed several months ago, to Mr. Cheatham for delivery to you. You will note that the total bacterial count is rather high i.e., 6000 per c.c. and there is confirmatory evidence of the presence of b.coli although this bacterium is possibly from cattle rather than human sources.

Mr. McNair has been boiling all water to be used for drinking or culinary purposes ever since he resided at the custodian's house, but it seems to me that a proper filtration plant should be installed in order to make sure that the domestic water supply will not cause sickness.

Mr. Hunter has already informed you, I think, that a first class pressure filter of proper capacity can be obtained and installed at a cost of something like \$150 or \$160. As he has filed the prices he received I suggest that you discuss the matter with him or with him and me jointly.

Respectfully yours,


For HAWLEY, FREESE and NICHOLS

JBH: CW

JOHN B. HAWLEY
W. FREESE
C. NICHOLS
A. HUNTER

EXHIBIT "D"
JUNE 11, 1936, 3:00 P.M.

WATER SUPPLY
WATER PURIFICATION
SEWERAGE
SEWAGE TREATMENT
FLOOD CONTROL
APPRAISALS

HAWLEY, FREESE AND NICHOLS
CONSULTING ENGINEERS
407-410 CAPPS BUILDING
FORT WORTH, TEXAS

May 28, 1936

Bids received for construction
of Section "B" of Levees

Dr. C. A. Hickman, President,
and Board of Directors,
Tarrant County Water Control and
Improvement District Number One,
Fort Worth, Texas.

Gentlemen:

We have tabulated the bids which were opened at 10:00
A. M. May 28, 1936, for the construction of Section "B" of the
levees on the West Fork of the Trinity River. The bids received
were as follows:

Lone Star Construction Company San Antonio, Texas	\$45,447.00
J. Lee & E. A. Vilbig, Dallas, Texas	47,932.62
Cage Bros. & J. C. Ruby Bishop, Texas	38,935.58
Haralson & Cunningham Houston, Texas	51,073.62
Barker Bros. Fort Worth, Texas	45,317.62

The bids received have been examined and it is the recom-
mendation of the Engineers that the bid of Cage Bros. & J. C. Ruby
of Bishop, Texas, be accepted and the contract awarded to them sub-
ject to the approval of the Public Works Administration.

Yours very truly,

HAWLEY, FREESE and NICHOLS

BY

S. W. Trear

HAWLEY, FREESE & NICHOLS
CONSULTING ENGINEERS
FORT WORTH, TEXAS

No.	ITEM	LIMIT QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE
1	Embankment complete in place - 200' free haul	Cu. Yd. 124,000	0.22	\$ 27,280.00	0.22
2	Overhaul	Sta. Yd. 389,000	0.01	3,800.00	0.01
3	Construction turnover	Cu. Yd. 4,500	0.15	675.00	0.00
4	Excavation placed in spoil - 200' free haul	Cu. Yd. 200	0.25	50.00	0.00
5	Bermuda grass sodding	Ac. 17	200.00	3,400.00	150.00
6a.	Gates in place - Sta. 110+50 - Line B	Lump sum 1	4000.00	4,000.00	495.00
6b.	(1:2:4) concrete - inc. forms	Cu. Yds. 75	23.00	1,725.00	0.00
6c.	Steel in place	lbs. 7500	0.07	525.00	0.00
6d.	Earth Excavation	Cu. Yd. 28	1.50	42.00	1.70
6e.	Solid rock excavation	Cu. Yd. 5	5.00	25.00	3.00
6f.	Removing concrete - existing structure at Stat. 110+50 Line B	Cu. Yds. 5	5.00	25.00	2.00
7	Gate structure complete in place at station 109+75 Line B	Lump sum 1	3300.00	3,300.00	33.00
8	Extra 1:2:4 concrete	Cu. Yd.	30.00	-	-
9	1:1:4 concrete backing	Cu. Yd.	20.00	-	-
10	Extra reinforcing steel	lb.	0.08	-	-
11	Extra structural excavation	Cu. Yd.	2.00	-	-
12	Clearing and grubbing	Lump sum	600.00	600.00	12.00
	Total bid			\$ 45,447.00	
	Time for completion - days			150	

Bid Bond - Amount
Cashiers. Check - Amount
\$ 2,500.00

LONE STAR CONST. CO. V. LEE
SAN ANTONIO, TEX.
UNIT PRICE
AMOUNT

TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT No. 1

DOCKET No. 5984

ENG. REF. No. 696-B

A. VILBIG S. TEX.		CAGE BROS & J.C. RUBY BISHOP, TEX.		HARALSON & CUNNINGHAM HOUSTON, TEX.		BARKER BROS. FT. WORTH, TEX.			
AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE
						\$ 2,750 ⁰⁰		\$ 50,000 ⁰⁰	
\$ 2,400 ⁰⁰		\$ 2,500 ⁰⁰							
\$ 29,140 ⁰⁰	\$ 0.16	\$ 19,840 ⁰⁰		0.23	28,520 ⁰⁰	0.195	24,180 ⁰⁰		
3,800 ⁰⁰	0.01	3,800 ⁰⁰		0.02	7,600 ⁰⁰	0.0125	4,750 ⁰⁰		
720 ⁰⁰	0.12	540 ⁰⁰		0.15	675 ⁰⁰	0.15	675 ⁰⁰		
40 ⁰⁰	0.17	34 ⁰⁰		0.23	46 ⁰⁰	0.20	40 ⁰⁰		
2,550 ⁰⁰	180 ⁰⁰	3,060 ⁰⁰		150 ⁰⁰	2,550 ⁰⁰	270 ⁰⁰	4,590 ⁰⁰		
4,953 ⁰⁰	5,382 ⁸⁸	5,382 ⁸⁸		4,953 ⁰⁰	4,953 ⁰⁰	4,953 ⁰⁰	4,953 ⁰⁰		
1,697 ²⁵	22 ⁶³	1,697 ²⁵		22 ⁶³	1,697 ²⁵	22 ⁶³	1,697 ²⁵		
435 ⁰⁰	0.058	435 ⁰⁰		0.058	435 ⁰⁰	0.058	435 ⁰⁰		
50 ¹²	1.79	50 ¹²		1.79	50 ¹²	1.79	50 ¹²		
15 ⁰⁰	3.00	15 ⁰⁰		3.00	15 ⁰⁰	3.00	15 ⁰⁰		
14 ²⁵	2.85	14 ²⁵		2.85	14 ²⁵	2.85	14 ²⁵		
3,318 ⁰⁰	3,517 ⁰⁸	3,517 ⁰⁸		3,318 ⁰⁰	3,318 ⁰⁰	3,318 ⁰⁰	3,318 ⁰⁰		
-	23 ⁰⁰	-		22 ⁶³	-	x	-		
-	9 ⁰⁰	-		20 ⁰⁰	-	x	-		
-	0.05	-		0.058	-	x	-		
-	1.00	-		1.79	-	x	-		
1,200 ⁰⁰	550 ⁰⁰	550 ⁰⁰		1,200 ⁰⁰	1,200 ⁰⁰	600 ⁰⁰	600 ⁰⁰		
\$ 47,932 ⁶²		\$ 38,935 ⁵⁸			51,073 ⁶²		45,317 ⁶²		
125		125		120		140			

