MINUTES OF A CALLED 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 28TH DAY OF SEPTEMBER, 1932, AT 7:45 P. M.

H. 8.

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

W. R. Bennett, E. E. Bewley, W. K. Stripling, C. A. Hickman, Joe B. Hogsett.

At this meeting President Bennett presided; W. K. Stripling acted in his capacity as Secretary.

At this time and place the following proceedings were had and done, viz:

1.

Minutes of the meeting of September 12, 1932, were read, approved and ordered of record.

2.

Attached to these Minutes as "Exhibit A," is the monthly report of Messrs. Pitner & Adams, as Auditors for the District, which is dated September 27, 1932, covering the month of August and the year to date. Said report is here referred to as part hereof. Each of the Directors had been furnished with a copy of the Report at a time prior to this meeting. It was the sense of the Directors that said report required no action at this time, and that the same should be received and filed; subject, however, to a request of the Engineers of the District to write a letter addressed to the Board, stating the facts with reference to the contractor's estimate No. 28, approved June 9, 1932, and

to cover claim for "Extra Work" performed in August, 1931, of the stated value \$498.99. Mr. Nichols, of the Engineers, agreed to prepare this letter and submit the same at the next meeting of the Board.

\$H.

3.

Attached to these Minutes as "Exhibit B," are six letters written by the Engineers for the District, on September 22, 1932; and one letter written on September 25, 1932. These letters reltate to to certain matters incident to preparation for acceptance of the District's Eagle Mountain works. Reference here is made to said letters as part hereof, in order to establish a record.

4.

Attached to these Minutes in folio, as "Exhibit C," are three letters addressed to the Board of the District, dated September 23, 1932, and containing a report on the inspection of the District's Eagle Mountain works by Mr. Daniel W. Mead of Madison, Wisconsin, in his capacity as Consulting Engineer for the District. Reference here is made to said Exhibit as part hereof. There was full consideration of the matters referred to in these letters, particularly with reference to the care necessary to be used in the future and in observing proper means for controlling of seepage to occur, if any, through the crevised rock formation in the Eastern end of the dam. It was the sense of the Directors that the means to be used for the stated object should be determined at a later time: it was so ordered.

5.

Attached to these Minutes as "Exhibit D," is a letter directed to the Board, dated September 21, 1932, written by Director Bewley, as Chairman of

the Finance Committee. Attached to said letter are tabulated statements showing disposition of all bond coupons numbered "2", having maturity September 15, 1932, and being coupons heretofore attached to the 1081 bonds of the District, which have not been sold, and to the 84 bonds of the District which heretofore have been sold to the District's Interest and Sinking Fund. Reference here is made to said exhibit as part hereof. The Directors verified the fact that the 84 coupons of the bonds held by the District's Interest and Sinking Fund had been detached, and deposited with the Continental National Bank of Fort Worth, to the credit of the District's Interest and Sinking Fund, as a cash item, in the sum \$2.100.00. Director Bewley produced the 1081 coupons, which had been clipped from the district's unsold bonds, being coupons numbered "2", and having maturity September 15, 1932. The count, delivery and cancellation of each of said coupons, and all of the same, was publicly verified by the Directors of the District. Cancellation of said coupons was effected by punching the signature attached to the same. Said cancelled coupons were ordered held as part of the District's records. Thereupon Director Hickman made a motion that Director Bewley do be discharged from further responsibility concerning the handling of the coupons hereinbefore designated, subject only to verification by the District's Auditors of proper disposition of said coupons. This motion was seconded by Director Hogsett. Upon a vote being taken the motion was carried and it was so ordered.

6.

Thereupon President Bennett and Mr. Nichols of the Engineers, reviewed certain communications made for the District to Mr. Jesse H. Jones of the Reconstruction Finance Corporation, and by Mr. Nichols with Mr. Harrington, of the Advisory Board of Engineers of the Reconstruction Finance Corporation, all relating to the District's pending application for a loan. It was the sense of the Directors that no action should be taken until such time as the Corporation's Engineers had made the supplemental report referred to by Mr. Harrington in his telephone conversation with Mr. Nichols on September 24, 1932.

A, H.

7.

It was brought to the attention of the Directors that the Resident Engineer's house used on the District's land at the Bridgeport Dam had been sold; further, that the electrical current for said house would pass through the District's meter. It was the sense of the Directors that Mr. Nichols should advise Mr. Culwell as Custodian, to cut the house off from the District's meter and that he should notify the purchaser of the house to remove the same from the district's land. It was so ordered.

8.

LAND MATTERS:

Director Hickman, as Chairman of the Land Committee, presented proposal of R. W. Hiett, of Azle, Texas, to rent approximately 133.51 acres of land, being a part of the land purchased by the District from Tom Parish and being the District's Tract No. 329. It was stated that approximately 75 acres of land should be used for pasture and approximately 58 acres for cultivation. The term of the proposed lease was to extend from January 1, 1933, and to end December 31, 1933. Said proposal was on the District's standard form. It was proposed to pay a total consideration of \$150.00, to be wholly paid on or before December 15, 1932. Said proposal was accompanied by check of Mrs. R. W. Hiett, drawnon the Union Bank and

34.

Trust Company of Fort Worth, dated September 23, 1932, for the sum \$30.00, which check had been delivered as earnest money. Director Hickman moved that said proposal do be approved as written, subject only to the actual payment of said check, payment of the balance of the rental by December 15, 1932, and actual execution of a lease, containing the usual provisions required by the District. This motion was seconded by Director Bewley. Upon a vote being taken the motion was carried and it was so ordered.

9.

Attached to these Minutes as "Exhibit E," is a written request of the Continental National Bank of Fort Worth, the District's Depository, dated September 16, 1932, and requesting that the Bank be allowed to withdraw from pledge certain securities of par value \$123,000.00. Attached to said letter is a multiple reciprocal receipt executed by the Bank and for the District by Director Bewley, as Custodian of Securities. Reference here is made to said exhibit as part hereof. Director Bewley stated that in his opinion the request should be granted, and the withdrawal approved and confirmed as the act and deed of the District, whereupon Director Stripling made a motion that the requested be granted and that the District do approve, ratify and confirm the delivery of the described securities; further, that one of said reciprocal multiple receipts do be attached to the bond of the District's official depository, as Exhibit No. 42, as is provided for by the terms of said bond. This motion was seconded by Director Hickman. Upon a vote being taken the motion was carried and it was so ordered.

10.

Director Bewley produced a letter written by Head, Teas & Co., on

July 9, 1932, relating to policy of Hartford Accident and Indemnity Co., No. 41287, covering hazards of robbery & burglary, of bonds of the District now held in the Trust Department of the District's Official Depository Bank. Mr. Bewley reported that he had consulted with the Bank as to their willingness to continue responsibility for the bonds in case the District should cancel the stated insurance. He stated that the Bank was not willing to carry the hazard without the stated protection. It was the sense of the Directors that cancellation of said insurance at this time and the acceptance of the short rate would not effect any substantial economy.

11.

There was presented to the Directors for consideration the request of Southwestern Bell Telephone Company, that the District do execute and deliver to it a deed of easement, intended to enable the Company to relocate its telephone line situated in the basin of the District's Bridgeport reservoir. The stated request grew out of the action of the Board of Directors at a meeting held on February 22, 1932, whereby the District, as a part of an agreement for compensation to be paid to the Telephone Company provided that the District would furnish right-of-way to the Telephone Company over all lands actually owned by the District; subject, however, to certain specifications concerning the character of the relocated line. It was stated by Mr. Nichols of the Engineers that the original agreement contemplated that the telephone line would be suspended over the District's water; that the telephone company's Engineers had now concluded that the water should be crossed by providing a submarine cable to cross the entire water area, for which reason the provision in regard to the elevation of the line above water would not be material. He presented

a map recently furnished to him by the Engineers of the Telephone Company, showing the exact proposed relocation. It was the sense of the Directors that the deed of easement as tendered by the Telephone Company for execution should be amended to provide that in case the Telephone Company elected to elevate their line above water, that the same should be at elevation not less than 871 feet above mean sea level: Or, in case the Telephone Company ultimately elected to provide a submarine cable, they should have the right to do so, upon condition that the line would be buried from extreme flood line on the East to the extreme flood line on the West. Subject to this amendment, it was the sense of the Directors that the proposed deed of easement should be executed and delivered without awaiting abandonment and removal of the old line by the Telephone Company. The Engineers and Attorneys for the District were directed to tender for execution by the District a deed of easement conforming to the deed tendered by the Telephone Company, save as to the exceptions hereinbefore related.

12.

No further business was presented and the meeting was adjourned.

W.T. Dupling!

APPROVED:

J. H.

As President

Fort Worth, Texas. September 27, 1932.

"EXHIBIT A" 9/28/32.

To the Directors of Tarrant County Water Control & Improvement Dist. No. 1, Fort Worth, Texas.

Gentlemen:

We submit herewith the monthly audited statement of Cash Receipts and Disbursements for the month of August and the year to date.

As requested in the minutes we report the following unfinished business:

The matter of establishing flood monuments and history was postponed indefinitely July 10, 1931.

The minutes of May 4, 1931 request the opinion of attorneys as to the liability of the district engineers for payment of \$186.08 for making test pits on Berkshire levee, which was included by the contractors in extra work.

Estimate #22 on Eagle Mountain Dam includes as extra work an item of \$239.11 for making foundation tests which might be chargeable to the district engineers under their contract.

The minutes of January 19, 1931, request that arrangements be made with the district engineers regarding their fees on residue land purchased and damage claim settlements. We are advised that no definite understanding has been reached on these matters.

The matter of settlement with Tarrant County on highway matters is still pending.

Balance of \$100.00 on 1931 land rental due from J. I. Burgess has not been received as requested in the minutes of February 10, 1932.

There is some confusion in regard to taxes paid in January on Jack County land. This is being taken up with the Jack County Tax Collector for the necessary adjustment.

On July 7, 1931 check #2552 for \$509.89 was issued to Will Laird for balance on 179.87 acres of land in fee and 49.14 acres easement. This check has not been paid and is on hand in your office, due to faulty title on several acres of this land, although you have a recorded deed to the property. It seem that he is making no progress toward getting the matter closed up.

As requested we have examined the audit report made by the County Auditor on tax collections for the year 1930 and find the district received the amount collected. However, the report shows that the Tax Collector is due the district \$114.43 for errors as listed on page 12 of the report.

Contractors estimate #28 approved June 9, 1932 included \$498.99 for extra work performed in August 1931. Approval of this item was withheld pending an explanation of it by the district engineers.

Respectfully submitted,

PITNER AND ADAMS

By RMPitner

TARRANT COUNTY WATER CONTROL & IMPROVEMENT DIST NO 1

CASH RECEIPTS & DISBURSEMENTS

January 1st to August 31, 1932

CONSTRUCTION FUND

RECEIPTS	Total to 7-31-32	ugust 1932	Total to 8-31-32
Land Rentals Interest on Bank Balances	\$ 3,142.79 261.02	\$ 40.00	\$ 3,182.79
Short Term Bank Loans Sale of Bonds - Series D 5%	172,000.00	-	172,000.00
par \$419,000.00	377,825.51	-	377,825.51
Refund Taxes - Wise & Jack Counties	52.65	-	52.65
Refund Telephone Sale of Improvements on Land	•85	-	.85
Purchased	202.00	-	202.00
Refund Condemnation Deposit	17,000.00	-	17,000.00
Prorata Taxes on Land Purchased	4.26	-	4.26
Refund Interest on Bank Loans	3,540.02	 -	3,540.02
Total Receipts	\$ 574,029.10	\$ 41.65	\$ 574,070.75

RECAPITULATION

Balance in Bank, December 31, 1931 \$ Receipts	574,029.10	41.65	\$ 75,897.06 574,070.75
Total			\$ 649,967.81
Disbursements - Per Detail	649,173.65	354.45	649,528.10
Balance in Bank August	31, 1932		\$ 439.71

DISBURSEMENTS

		Total to 7-31-32	A	ugust 1932		Total to 8-31-32
OFFICE Salaries Rent Stationery and Supplies	\$	2,625.00 283.00 85.03	\$	40.00	\$	2,625.00 323.00 88.77
Telephone and Telegrams Postage Insurance on Furniture & Fixtures		65.63 25.30 24.91		10.50		76.13 25.30 24.91
Totals	\$	3,108.87	\$	54.24	\$	3,163.11
DIRECTORS						
Directors Fees Premium on Directors Bonds Recording Directors Bonds	\$	1,350.00 85.00 3.00	\$	-	\$	1,350.00 85.00 3.00
Totals	\$	1,438.00	\$		\$	1,438.00
ENGINEERING						
Hawley & Freese Daniel W. Mead	\$ -	11,900.00	\$:	\$	11,900.00
Totals	\$	12,914.79	\$	-	\$	12,914.79
CONSTRUCTION						
Contractors - Eagle Mt. Dam - Bridgeport Dam Crop Damage Claim - Joe Johnson	\$	422,617.20 7,840.57 11.25	\$	=	\$	422,617.20 7,840.57 11.25
Clearing G.W.Duke Land - E.M.		177.60	ш.		ш	177.60
Totals	\$	430,646.62	\$	-	\$	430,646.62
LAND DEPARTMENT	45.	0.055.35	45		4	0.055.35
Land Purchased in Fee - E.M. Land Purchased in Fee - B.P. Land Purchased Perpetual	\$	9,055.15 687.86	\$	-	\$	9,055.15 687.86
Easement - E.M. Land Purchased Perpetual		433.85		•		433.85
Easement - B.P. Abstract & Recording Expense		93.10 32.42		-		93.10 32.42
Abstract & Recording for Owners		8.75		-		8.75
Taxes on Land Purchased Sundry Condemnation Expense		843.77 30.98		9.32		843.77
Services in Condemnation		40.00		•		40.00
Repairs for Land Tenants Telephone & Telegrams		16.35 1.85				16.35
G.W. Duke - Rent Commission		145.72		•		145.72
Traveling Court Costs in Condemnation		15.31 53.30		-		15.31 53.30
Advertising Land Sale Insurance - Rominger Property		12.80		55.38		12.80 55.38
Totals	4		\$	64.70	\$	
LEGAL DEPARTMENT	4	11,471.21	<u>₽</u>	04.70	Ψ	11,535.91
Legal Services	\$	7,291.67	\$		\$	7,291.67
Telephone & Telegrams	Tr.	20.12	ı	•40	п	20.52
Court Costs Burch & Woodruff		36.20 290.00		:		36.20 290.00
Printing briefs etc.	_		and the same of th	42.00		42.90
Totals	\$	7,637.99	\$	42.40	\$	7,680.39

DISBURSEMENTS

Continued

	_	Total to 7-31-32	_	August 1932		Total to 8-31-32
PREPARATION & SALE OF BONDS						
Approving Opinion Printing Bonds Insurance & Postage - Shipping Bo Traveling Telephone & Telegrams Miscellaneous Expense Postage Printing Proposals Expense R.F.C. Application	\$ onds	750.00 825.00 119.83 89.57 12.11 7.95 10.00 37.13	\$.40	\$	750.00 825.00 119.83 89.57 12.11 8.35 10.00 37.13 13.59
Totals	\$	1,851.59	\$	13.99	\$	1,865.58
ELECTION						
Fees - Officials & Clerks Rent of Polling Places Election Supplies & Delivery Postage Publishing Notice of Election	\$	1,044.00 50.00 540.05 6.20 237.36	\$:	\$	1,044.00 50.00 540.05 6.20 237.36
Totals	\$	1,877.61	\$		\$	1,877.61
BRIDGEPORT OPERATION						
Salary Custodian Telephone & Telegrams Stationery & Supplies Works Supplies Light & Power Operating Labor	\$	550.00 24.20 16.13 34.41 41.25 106.15	\$	100.00 6.90 1.95 13.22 57.05	*	650.00 31.10 16.13 36.36 54.47 163.20
Totals	\$	772.14	\$	179.12	\$	951.26
MISCELLANEOUS						
Interest on Short Term Loans Audit Service Expense Paying Bond Coupons Repayment of Bank Loans	\$	4,860.00 475.00 119.83 172,000.00	\$	-	\$	4,860.00 475.00 119.83 172,000.00
Totals	\$	177,454.83	\$		\$	177,454.83
GRAND TOTALS	ф.	649,173.65	\$	354.45	dh	649,528.10

INTEREST&SINKING FUND

RECEIPTS

	Total to 7-31-32	August 1932	Total to 8-31-32
Taxes Penalties & Interest Interest on Tax Collectors Balances Interest on Bank Palances Accrued Interest on Bonds Sold Central Hanover Bank & Trust Co.	\$ 222,991.34 566.62 2,431.13 3,869.29	\$ 23,454.37 95.27 332.90	\$ 246,445.71 661.89 2,764.03 3,869.29
for Lost Bond Coupons Refund Tax Collectors Bond Premium	125.00 101.25	:	125.00 101.25
Total Receipts	\$ 230,084.63	\$ 23,882.54	\$ 253,967.17
Balance in Bank, December 31, 1931			131,255.09
Total			\$ 385,222.26
DISB	URSEMENTS		
L. P. Card, Collecting Taxes Premium on Tax Collectors Bond Peoples Life Insurance Company	\$ 1,200.00 325.00		\$ 1,200.00 325.00
for Lost Bond Coupons Interest on Bonds Bonds purchased - Par \$84,000.00 Accrued Interest on Bonds Purchased	125.00 117,966.76 75,600.00 1,353.33		125.00 117,966.76 75,600.00 1,353.33
County Auditor, Auditing 1930 Tax Collections		525.00	525.00
Total Disbursements	\$ 196,570.09	\$ 525.00	\$ 197,095.09
Balance in Bank August 31, 1932			\$ 188,127.17

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

"EXHIBIT 9/28/32.

HAWLEY, FREESE AND NICHOLS

CONSULTING ENGINEERS 407-410 CAPPS BUILDING FORT WORTH, TEXAS

Sept. 22, 1932

WATE IPPLY WATER POFFICATION SEWERAGE SEWAGE TREATMENT FLOOD CONTROL APPRAISALS

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

Gentlemen:

Your attention is called to the fact that Eagle Mountain dam probably will be completed during the early days of October. We are respectfully urging that arrangements be made to have a custodian available for this project immediately upon acceptance of the work by the District.

Yours very truly,

HAWLEY and FREESE Marvin C. Nichola

MCN: CW

Trinityfarm Construction Company, McKenzie-Wvalde Construction Company Fort Worth, Texas.

Gentlement:

of the Tarrant County Water Control and Improvement
District County Water Control and Improvement
spection of the Hagle Hountain dam project on Honday

If convenient, we would like to have a repre-

Yours very truly,

Maroin C. Hicke

HCH:CH

Trinityfarm Construction Company, McKenzie-Uvalde Construction Company, Fort Worth, Texas.

Gentlemen:

We would call your attention to the following claims which are on file at the offices of the Tarrant County Water Control and Improvement District Number One.

In order to facilitate final settlement on the mayle countain dam we suggest that you take early steps to satisfy the following claims:

- 1. Claim has been filed by the Generator Service Company, Fort Worth in the amount of \$35.05, being a claim scalet R. P. Dabney Company and the Dallas Construction Company.
- 2. A claim has been filed by litchell Gartner and Walton for premium in the amount of \$725.63. This claim is not covered by a supplementary bond.
- 3. The District has notice of a claim by Mrs. Burgess for demages in the matter of burning grass and the loss of saw logs.
- 4. Claim has been filed by the bellas Construction Company as against WeNeill and James in the amount of \$120 80.
- 5. Claim has been filed by the Narathon Oil Company as against Bond and Brian and McNeill and James for \$12.59.

You are further advised that the District has expended \$105.05 in the maintenance of the lownstream stope of the Bridgeport dam. It is expected that this amount will be charged against the Contractors.

We would further advise that proper proof be filed with the District that all outstanding claims of any nature have been paid or they will be paid at maturity.

This is suggested in order to facilitate the acceptance of the work upon its completion.

Yours very truly,

HAWLEY and FREESE

BY Manin (Michols

CC- Trinityfarm Const. Co.

Dallas

McKensie Const. Co.

San Antonio,

Uvalde Const. Co. Dallas

Trinityfarm Construction Company, McKenzie-Uvalde Construction Company, Fort Worth, Texas.

Gentlemen:

We would call your attention to the fact that the District and the Contractors are not in perfect agreement respecting certain features of the Maintenance clause of the Contract.

Inashuch as the Raile Mundain dam is nearing completion, we are suggesting that you take early steps to reach an agreement on the interpretation of these clauses in order that acceptance of the work may not be unduly delayed.

Yours very truly.

HAWLEY and FREESE

my arin (Wichols

MCN:CW

CC- Trinityfarm Const. Co.

Ballas office

McKenzic Const. Co.,

San Antonio office

Uvalde Const. Co.,

Dallas office

I. Hampton W. R. Bennett

Trinityfarm Construction Company. McKenzie-Uvalde Construction Company, Fort Worth, Texas.

Gentlemen:

We are writing to suggest

- That the power line across the valley be not removed at this time.
- That the telephone line into Fort Worth be left up.
- That the later lines and pump not be removed from either he levee section or the main dam.

t is not intended that the above requests constitute any basis for additional charges against the District and you are requested to advise the engineers it you particularly desire to remove the above equipneat at this time

Yours very truly,

HAWLEY and FREESE

Marvin C. Nicht

MCN:C肾

CC- Mr. W. R. Bennett Mr. I. Hampton

Messrs. John A. Norris, Chairman,

C. S. Clark,

A. H. Dunlap,

State Boardof Water Engineers, Austin, Texas.

Gentlemen:

Inasmuch as construction work on the Eagle Mountain dam is rapidly mearing completion we are writing to request that your Board, if possible, errange to look over the work some within the next week or two.

Yours very truly,

HAWLEY and FREESE

Marvin (Wilds

MCN: CW

CC o Mr. Bennett Mr. Hampton Sept. 25, 1932

Trinityfarm Construction Company, McKenzie-Uvalde Construction Company, Fort Worth, Texas.

Gentlemen:

We would call your attention to the following items which should be attended to prior to acceptance of Eagle Mountain damp

- Logs and trash upstream from the dam should be removed and burned.
 Material from old dredge upstream from dam should be removed.
- 3. Small house near station 30 in valley upstream should be removed.
- Lie
- Hull of old dredge near west end of dam should be removed.
- Old rubbish, coffer dam sacks, etc. in intrance to conduits should be 6.
- Holes drilled for cables in upstream wils in conduit entrance should be filled with mortar.
- 8.
- Old cable and scrape near conducts should be removed.
 Drift wood near conducts and along east buff upstream should be burned.
- Upstream berm should be dragged in se for as moisture content of the berm 10. will permit.

- 11. Stumps and other tresh should be removed from the rip-rap.
 12. Poles at vest end of day should be pulled up on top of the hill.
 13. Proper disposition should be made of the powder house at the west end of the dam.
- Build five wire fence with wire gap provided with short chain and lock at 14. west end of dam from erd of guard fence to curb line of rip-rap.
- All high doots in bery datch at elevation 652 should be taken out. 15.
- Install two additional grains below berm 652 west of conduits between the 16. drains now installed at 300 intervals.
- In the Carter borres pit maximum the south edge is to be sloped down to about a 2 to 1 slope with some fill to be made near the east tree. Also the rocky places in the pit are to be dressed up in accordance with our understanding with Mr. Magendi on Saturday. Also a pipe gate with about 6" mesh wire is to be installed at the south entrance of the Carter ranch to take the place of the gate torn down during the construction operations.

The above items refer to the main dam.

Page # 2

The items below refer to the Burgess Levee dam:

1. Clean up rubbish around north end of spillway.

2. Fill low spots around north abutment.

- 3. Arrange to raise one gate full height and the other three gates 10' or 12'. Notify the engineers when you are ready to raise and operate these gates.
- 4. Clean out drains from inspection tunnel to downstream spillway slope.

5. Remove trash and clean up in front of spillway entrance.

6. Fill in around south wingwall of spillway.

7. Clean out berm ditches on north and south side of spillway and install drains as indicated on the ground Saturday.

8. Fill washes on slope north of spillway.

9. Fill in designated washes at south end of dam.

10. Knock down spoil from water line ditch.

11. Rebuild washed out drain tile near sputh end of dam.

- 12. Throw up small leves at north and of spoil bile to divest water from toe of dam.
- 13. Throw up small levee at south and of spoil pile to divert water from toe of dam.
- 14. Examine and clean out all slope drains.

15. Clean out berm ditch.

16. Remove all loose pipe,

17. Place 6 metal DANGER SIGNS on spallay who walls and on fence around hoist structure.

The above notes are of to be understood as being a statement of all that yet remains to we done this is is furnished for the purpose of indicating to the contractors such things as are yet in an unfinished condition.

Additionals items will be furnished the contractors from time to time as the work progresses.

The above News do not constitute extra work and it is understood that compensation if any, will be made strictly in accordance with terms of the contract.

Yours very truly,

HAWLEY and FREESE

"EXHIBIT 9/28/32 DANIEL W. MEAD CHARLES V. SEASTONE CONSULTING ENGINEERS September 23, 1932 MADISON, WISCONSIN TO THE BOARD OF DIRECTORS Tarrant County Water Control and Improvement District Number One 418 Capps Building Fort Worth, Texas Gentlemen: On or about August 30, 1932, together with Mr. S.W. Freese of your Engineers, Hawley, Freese and Nichols, I visited and inspected your dam and appurtenances, located at Eagle Mountain in Tarrant County, Texas. I found the dam to be substantially complete with the exception of the valve house and certain paving near the east end of the dam. Work on both of these items was in progress and fast nearing completion. As you are aware, I approved the original plans for this structure and have inspected it at various times during the progress of the work. If the uncompleted items are completed in a manner satisfactory to your Engineers, I am pleased to report that insofar as inspection of the completed work can disclose, this structure seems to be wholly adequate and satisfactory. Yours very truly, Daniel W Mias

DANIEL W. MEAD

DWM: De

DANIEL W. MEAD
CHARLES V. SEASTONE
CONSULTING ENGINEERS
MADISON, WISCONSIN

September 23, 1932

TO THE BOARD OF DIRECTORS
Tarrant County Water Control and
Improvement District Number One
418 Capps Building
Fort Worth, Texas

Gentlemen:

POSSIBLE LEAKAGE IN EAST ABUTMENT OF EAGLE MOUNTAIN DAM

From the rock in the north abutment of the Bridgeport
Dam and beyond the lower slope, a small spring has developed.
My first thought was that this might be normal drainage from the
rock layer but on further consideration I am satisfied that it
comes from the water now stored in the reservoir. This spring
is of little importance but its flow will probably increase with
higher water in the reservoir, and possibly other springs may
develop. Should such springs become objectionable they can, I
believe, be stopped without great expense by pressure grouting.

In the east rock abutment of the Eagle Mountain Dam the rock conditions are materially worse than at the Bridgeport Dam. The rock here is broken by fissures in two directions roughly at right angles, and although the width of these fissures undoubtly decreases from the surface back into the rock mass, they will undoubtedly permit the passage of more or less water. These conditions can be better understood by reference to the five photographs accompanying this report. Photograph No. 1 is looking upstream at the sandstone cliff above the dam, showing the laminated structure roughly parallel with the end of the dam.

Photographs Nos. 2 and 3 show the larger fractures roughly at right angles with the surface. Some of the broken rock (in No. 2) at the right was probably disturbed by excavation rather than being a part of the fissure system. The larger fissure in No. 3 is due to a surface slide in the rock, so that the actual fissure in the rock structure is less than apparent from the photograph. Photograph No. 4 shows rock just above the dam, still saturated by seepage from the construction pool, showing that water will percolate slowly through the structures of the rock even without the presence of fissures. No. 5 shows the rock below the conduit that has been eroded by the waters from the conduit. The fractures in the rock are here well shown on account of the effects of the stream but are, of course, overaccentuated and while they show the fissure system plainly they do not give a fair idea of the conditions in the undisturbed mass of the rock.

The conditions in this rock involve any serious danger to the dam.

I believe that a considerable seepage will develop in this rock

when the reservoir is filled; and such seepage may involve some

annoyance and some expense. I believe that this condition may

be safely left undisturbed until its effects are shown by actual

use.

If any sepage occurs in the dam above the toe and below the sheet piling, it will require drainage of the dam next to rock. If the seepage is as great as I expect will occur, it will require some grouting in the rock beyond the end of the sheeting and up-

stream therefrom. I think perhaps considerable annoyance and some expense may be avoided if grouting is done before the reservoir is filled. If funds are available, I believe that it would be well to run two lines of holes about five or six feet apart east from the end of the sheeting at least 50 feet or more, and possibly one or two additional lines from the same point northeast on an angle of about 45° with the line of sheeting. The depth and spacing of these holes can best be determined after one or more are grouted. I would carry one or two holes to a considerable depth to determine the condition of the lower rock. By such means I believe that any material seepage can be prevented, and such as occurs will be forced to appear well down stream from the toe of the dam.

Yours very truly,

DWM:De

DANIEL W. MEAD

Darret MMess

September 23, 1932

TO THE BOARD OF DIRECTORS
Tarrant County Water Control and
Improvement District Number One
416 Capps Building
Fort Worth, Texas

Gentlemen:

GATES IN EAGLE MOUNTAIN DAM

On account of the delay in the removal of the C. & R.I.
Railway tracks through the Bridgeport reservoir area, it seems impossible at the present time to complete the south embankment of that structure so as to make its storage fully available for flood relief purposes. Should the Eagle Mountain Dam be completed by installing the four 48-inch valves in the conduits (two of which are already installed in the west conduit), and should a flood occur on the drainage area similar to or greater than the flood that occurred in April, May and June 1915, the Eagle Mountain reservoir would be so filled that the spillway would discharge for about 15 days or more, and the water in the Eagle Mountain reservoir would be held to within a few feet of the spillway for several months. While I fully believe that this dam would be safe under these conditions, it is in my opinion undesirable to submit it to such a strain unless absolutely necessary.

It is well known that all earth dams gradually shrink, settle, and consolidate for a considerable time after construction, and with the lapse of time become more firm and impervious and therefore more safe under maximum conditions of storage and

spillway overflow. I am of the opinion that the 48-inch gates in the east conduit should therefore not be installed until such time that the C. & R.I. Railway tracks can be removed and the final completion of the Bridgeport reservoir is in sight. The east conduit should be left in condition where its capacity will be available to pass flood flow. If in the meantime it becomes desirable to store water for water supply purposes or for other public use, needles can be placed in front of the east conduit so that a lake of considerable capacity and area will be available. If it becomes important to raise the water to a still higher level - for which I can see no valid reason - I should advise the substitution of two 5 x 10 gates in the east conduit (in place of the two 48-inch gates originally intended) in order to make available greater discharging capacity than can be obtained with the smaller gates; provided also that a safe and satisfactory plan can be devised for installing the 5 x 10 foot gates.

I am enclosing two diagrams. Diagram N-3808-B shows the probably flood of 1915 above the Bridgeport dam, the discharge through the 48-inch gates now installed in the conduits, and the height of storage behind the dam which would obtain if the gates were open and fully discharging during such a flood. This diagram shows that under these conditions the highest water would not reach within 8 feet of the spillway level and therefore would not overflow through the gap in the uncompleted southerly portion of the dam.

Diagram N-3807-B shows the conditions which would arise at the Eagle Mountain dam where, under the conditions of the

installation of the four 48-inch gates and with these gates all open, the waters in the reservoir would rise to within about six feet of the spillway within six or seven days and remain at or above that elevation for several months, discharging over the spillway for perhaps 15 days or more. The accumulated discharge curve and the storage curve, using two 48-inch gates and two 5'xlo' gates, are shown in red on the same disgram; and the more satisfactory control of water elevations under this condition is apparent.

The computations on which these diagrams were based were made by Mr. A.H. Woolverton of Hawley, Freese and Nichols, at my request and were checked by Mr. Hunt of my office. The calculations were not carried beyond June 16 but the reservoir would, with four 48-inch gates, probably remain above elevation 440 for perhaps sixty days longer than shown on the diagram.

I do not believe that it is desirable to submit a newly built dam to the strain and contingencies to which it would be subject under these conditions, and would therefore advise the use of needles in front of the conduit until arrangements are made to remove the C. & R.I. Railway from the upper reservoir.

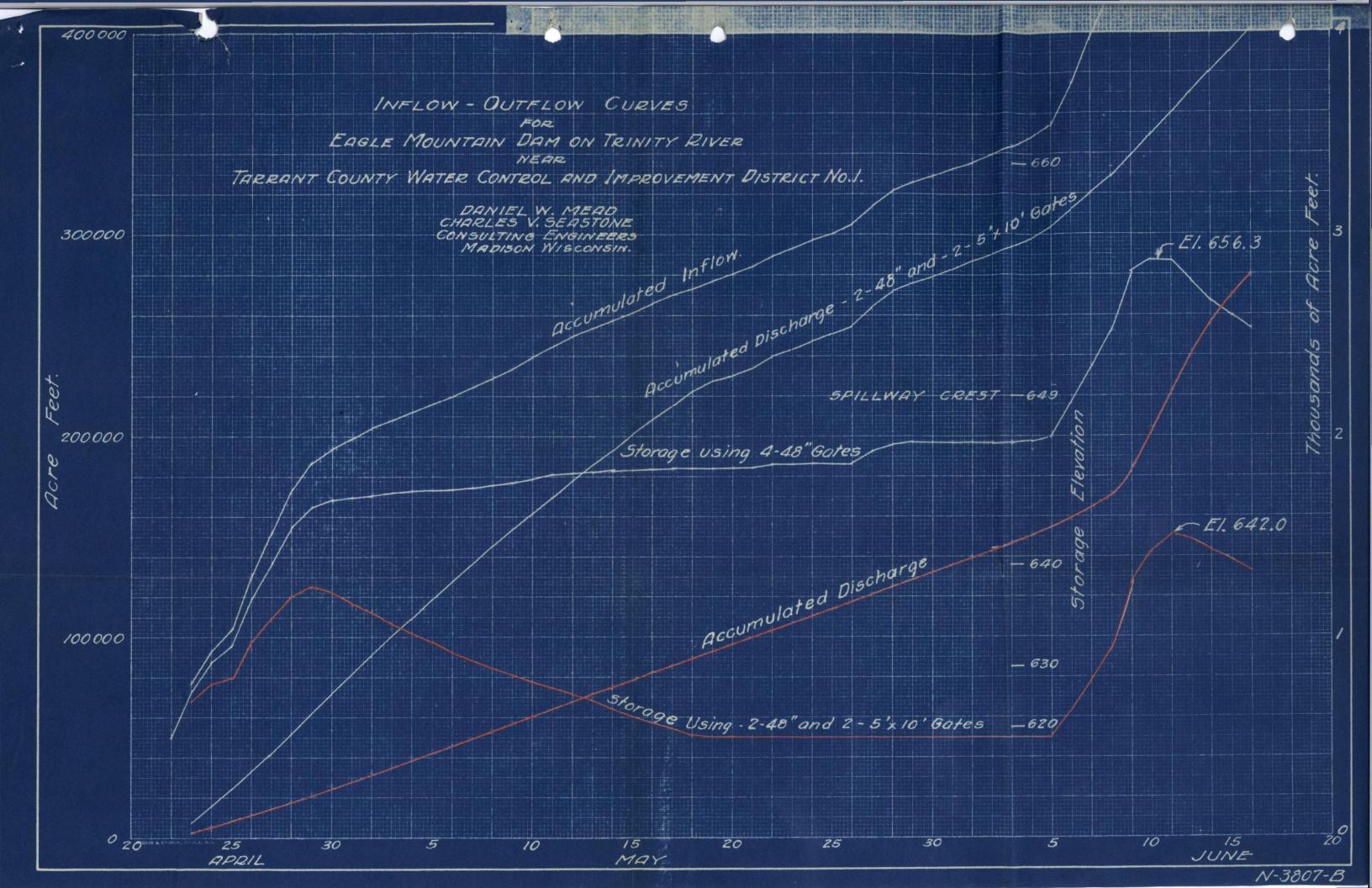
Yours very truly,

wil Whice

DANIEL W. MEAD

DWM: De

ENCLOSURES



TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE

OFFICE CAPPS BUILDING

PHONE 3-2848

SIDNEY L. SAMUELS ATTORNEYS

HAWLEY AND FREESE ENGINEERS

. Honz 0 20-10

ED. B. CHEATHAM, OFFICE

FORT WORTH, TEXAS.

September 21, 1932

Board of Directors, Tarrant County Water Control and Improvement District Number One, 406 Capps Building, Fort Worth, Texas.

Gentlemen:

BOARD OF DIRECTORS

JOE B. HOGSETT

C. A. HICKMAN

W. R. BENNETT, PRES. E. E. BEWLEY, VICE-PRES. W. K. STRIPLING, SEC'Y

An order was passed on September 12, 1932, by the Board of Directors of this District, directing us to detach Interest Coupons #2, maturing September 15, 1932, from Series "D" Bonds, as follows:

- 1. Coupons #2 from 84 Bonds owned by the Interest and Sinking Fund, same to be deposited to the credit of the Interest and Sinking Fund;
- 2. Coupons #2 from 1081 Unsold Bonds, same to be presented to the Board for cancellation.

In accordance with said order we are handing you herewith the follow-

ing:

Tabulation and Summary of Series "D" Bonds \$1,500,000.00 par value, showing bonds by numbers:

Bonds sold (exclusive of sale to Interest & Sinking Fund) \$335,000.00
Bonds sold to Interest and Sinking Fund 84,000.00
Unsold Bonds 1,081,000.00
\$1,500,000.00

The bonds sold to the Interest and Sinking Fund (\$84,000.00 par value) and the remaining unsold bonds (\$1,081,000.00 par value), aggregating \$1,165,000.00, par value, are in the safe-keeping department of the Continental National Bank, Fort Worth, Texas, for which we hold the Bank's official receipts.

Interest coupons #2 (each in denomination \$25.00) maturing September 15, 1932, from Series "D" Bonds #6403 to #6486, both inclusive, were detached and deposited on September 15, 1932, in The Continental National Bank, to the credit of the Interest and Sinking Fund.

Itemized list of 1081 unsold Series "D" Bonds from which Interest Coupon #2, maturing September 15, 1932, have been detached and the 1081 Interest Coupons (each in denomination \$25.00, aggregating \$27,025.00) are presented herewith for cancellation.

Respectfully submitted.

FINANCE

COMMITTEE

\$ 1,500,000.00

SERIES "D" BONDS

SUMMARY

September 15, 1932

BONDS IN SAFE KEEPING DEPARTMENT,

CONTINENTAL NATIONAL BANK, FORT WORTH, TEXAS

\$ 1,165,000.00

COVERED BY THEIR:	AMO	UNT PAR VALUE OF BONDS
Receipt #226 Receipt #227 Receipt #228 Receipt #267 Receipt #280 Receipt #353	***	40,000.00 69,000.00 141,000.00 50,000.00 91,000.00 127,000.00
Receipt #358 (Bonds On By Interest & Sinkin Fund) Receipt #359		84,000.00 563,000.00

BONDS SOLD (Other than \$84,000.00 Sold to Interest & Sinking Fund, and covered by Receipt #358)

335,000.00

TOTAL AMOUNT SERIES "D" BONDS

\$ 1,500,000.00

TABULATION OF \$1,500,000.00 5% SERIES "D" BONDS OF

TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE ON SEPTEMBER 15, 1932

CO		KEEPIN CONT	BONDS IN SAFE KEEPING DEPT. OF CONTINENTAL NA- TIONAL BANK			BONDS SOLD		DECETOR	BONDS IN SAFE KEEPING DEPT. OF CONTINENTAL NA- TIONAL BANK			BONDS SOLD		
	RECEIPT NO.			INCL.	BOND	NOS.,	INCL.	RECEIPT NO.			INCL.	BOND	NOS.,	INCL.
					5001		5010	353	5450	-	5467			
	226	5011		5012	5013		5022	227	5468	-	5474	E1.7E		E1.01.
	226	5023	-	5025				353	5485	-	5503	5475		5484
	226	5037	_	5039	5026	-	5036	227	5504	-	5511	5512	_	5521
	1				5040	-	5051	353	5522	-	5541))))=1
	226	5052	-	5053	5054	-	5065	227	5542	-	5549	5550	_	5559
	226	5066	-	5068	5069		5080	359 228	5560	-	5581			,,,,,
	226	5081	-	5083		_		220	5582	-	5589	5590	-	5601
	226	5097		5100	5084	-	5096	359 228	5602 5623	-	5622 5630			
					5101	-	5113					5631	-	5643
	226	5114	-	5117	5118	-	5132	359 228	5644 5666	_	5665 5674			
	226	5133	-	5135				280	5675	-	5681			
	226	5151	-	5154	5136	_	5150	3 59 228	5682 5712	_	5711 5720			
	226	5171		5175	5155	-	5170	280 359	5721 5729	-	5728 5759			
					5176	-	5192	228	5760	-	5768			
	226	5193	-	5196	5197	_	5214	280 359	5769 5777	-	5776			
	227	5215	-	5218	5219	_	E277	228	5810	-	5819			
	227	5238	-	5241		_	5237	280 359	5820 5828	-	5827 5861			
	359	5252	_	5261	5242	-	5251	228	5862 5873	-	5872 5881			
	227	5262	-	5265	-0//		-0	359	5882	-	5917			
	359	5276	-	5278	5266	-	5275	228	5918 5930	_	5929 5938			
	353 227	5279 5287	-	5286 5291				359 228	5939	-	5976			
			1		5292	-	5303	359	5977	-	5988 6038	17.		
	353 22 7	5304 5314	_	5313- 5318-	-			228 280	6039	_	6050			
	353	5329	_	5340	5319	-	5328	359 228	6061	-	6102			
	227	5341	-	5346	-			280	6103	_	6115			
	353	5362	_	5370	5347	-	5361	267	6138 6151	-	6150 6289			
	227	5371	-	5376	F 7 77	1	F70/:	359 228	6290	-	6303			
	353	5387	-	5401	5377	-	5386	267 359	6304	_	6340			
	227	5402	-	5407	5408	_	5417	358 228	6403	-	6486	6403	-	6486
	353	5418	-	5433	1400		14-1	280 *	6487 5989	-	6 500 5998			
	227	5434	-	5439	5440	_	5449							
							2 - 47							

ok.

811

LIST OF 1081 SERIES "D" 5% UNSOLD BONDS OF

TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE:
FROM WHICH INTEREST COUPON #2 (EACH IN DENOMINATION
\$25.00), MATURING SEPTEMBER 15, 1932, HAS BEEN DETACHED AND THE INTEREST COUPONS ARE PRESENTED HEREWITH FOR CANCELLATION

SEPTEMBER 15, 1 9 3 2

COUPON #2 COUPON #2 COUPON #2 COUPON #2 COUPON #2 COUPON #2 FROM FROM FROM FROM FROM FROM FROM FROM	FROM
Solid S259 S346 S436 S511 S587 S502 S260 S362 S437 S523 S588 S5023 S261 S363 S438 S523 S588 S5025 S263 S364 S439 S524 S602 S603 S436 S439 S524 S602 S603 S436 S439 S524 S602 S603 S626 S366 S451 S526 S603 S626 S604 S5038 S265 S607 S452 S527 S605 S603 S626 S605 S607 S452 S527 S605 S607 S608 S453 S528 S606 S605 S607 S608 S607 S608 S607 S608 S607 S608 S607 S608 S608 S608 S605 S608 S60	5667 5668 5667 5667 5667 5667 5667 5667

COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER
5723 5724 5726 5728 5729 5731 5732 5733 5733 5734 5739 5739 5739 5739 5739 5739 5739 5739	5788 5788 57788 57788 57799 5779 5	5844 5844 5844 5844 5844 5845 5855	5911 59112 59914 59916 59919 5	5972 5973 5974 5975 5976 5977 5978 5980 5981 5982 5984 5985 5988 5989 5991 5999 5999 5999 5999	6035 6037 6038 6049 6041 6044 6044 6044 6045 6055 6055 6055 6055	6098 6199 6100 6101 6102 6103 6104 6105 6106 6107 6108 6110 6111 61113 6114 6115 6116 6117 6118 6119 6120 6121 6123 6124 6129 6130 6131 6135 6136 6137 6138 6149 6141 6142 6143 6144 6145 6146 6151 6151 6152 6153 6154 6156 6157 6158 6159 6150 6151 6151 6152 6153 6154 6155 6156 6157 6158 6159 6159 6150 6151 6151 6152 6153 6154 6155 6156 6157 6158 6159 6159 6150 6151 6151 6152 6153 6153 6154 6155 6156 6157 6158 6159 6159 6159 6159 6159 6159 6159 6159

COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER	COUPON #2 FROM BOND NUMBER
6161 6162 6163 6164 6165 6166 6167 6168 6169 6170 6171 6172 6173 6174 6177 6178 6179 6180 6181 6182 6183 6184 6185 6186 6187 6188 6190 6191 6192 6193 6194 6195 6200 6201 6202 6203 6204 6207 6208 6207 6208 6210 6211 6212 6213 6214 6215 6216 6217 6218 6219 6219 6211 6212 6213 6214 6215 6216 6217 6218 6219 6211 6212 6213 6214 6215 6216 6217 6218 6219 6211 6212 6213 6214 6215 6216 6217 6218 6219 6210 6211 6212 6213 6214 6215 6216 6217 6218 6219 6210 6211 6212 6213 6214 6215 6216 6217 6218 6219 6219 6219 6219 6210 6211 6212 6213 6214 6215 6216 6217 6218 6219 6219 6219 6219 6219 6219 6219 6219	6226 6227 6228 6229 6230 6231 6232 6233 6234 6235 6237 6238 6241 6241 6241 6241 6241 6241 6241 6242 6251 6251 6252 6253 6251 6253 6254 6251 6252 6253 6260 6261 6262 6263 6263 6264 6267 6271 6272 6273 6271 6272 6273 6274 6275 6270 6271 6272 6273 6274 6275 6276 6277 6278 6279 6281 6282 6283 6284 6283 6284 6285 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6287 6288 6288	6293 6293 6293 6293 6293 6293 6293 6293	6356 6357 6358 6359 6360 6361 6362 6363 6364 6365 6366 6367 6371 6372 6377 6377 6377 6378 6381 6382 6381 6382 6383 6381 6389 6390 6391 6392 6393 6400 6401 6402 6488 6499 6491 6492 6493 6491 6496 6497 6498 6499 6500

081 Coupons @ \$25.00 ea. \$27,025.00



"EXHIBIT E" 9/28/32.

CONTINENTAL NATIONAL BANK

OF FORT WORTH

CAPITAL \$750,000 - SURPLUS \$250,000

FORT WORTH, TEXAS

September 16, 1932.

J. G. W. INSON,
CHAIRMAN
H. H. WILKINSON,
PRESIDENT
A. E. THOMAS,
VICE-PRESIDENT
J. E. WILLIS,
VICE-PRESIDENT
AND TRUST OFFICER
H. C. BURKE, JR.,
ASST. VICE-PRESIDENT
AND ASST. TRUST OFFICER
JET ASST. VICE-PRESIDENT
CET ASST. VICE-PRESIDENT
JOHN H. ERIKSEN,
OSCAR VOGEL,
ASST. CASHIER

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

Gentlemen:-

As of close of business September 15, 1932, balances to the credit of your accounts were as follows:

Construction Fund......\$ 680.73 Interest & Sinking Fund.... 62,252.17

to secure the above total deposits of \$62,932.90, we have pledged with you at this time government and municipal securities of a par value of \$214,000.00.

Accordingly, we respectfully submit herewith for your consideration our application for withdrawal of securities of a par value of \$123,000.00, leaving in your hands \$91,000.00 of your Series B, 42%, Bonds to secure your total deposit of \$62,932.90.

Yours very truly,

\$ 9100,00

Jno. H. Eriksen, Cashier

OUR BOOK BALANCE ON SEPT. 1541932

CONSTRUCTION FUND \$ 55.75

JAYEREST & SIAKING FUND 62252.17

TOTAL \$ 62307.94



XHIBIT No. 42

WITHDRAWAL OF SECURITIES

ON THIS THE 16th DAY OF SEPTEMBER, 1932, THE CONTINUNTAL NATIONAL BANK OF FORT WORTH, TEXAS, hereby acknowledges receipt of securities heretofore pledged to secure TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT MUMBER ONE, said securities are described in EXHIBITS Nos. 37, 39 & 41, which are attached to the Bond of this Bank, as the District's Depository, and the same are specifially described, as follows:

U. S. S-5/8% TREASURY BONDS of 1941-43, with March 15,1933, and subsequent coupons attached: Nos.17954-D and 17955-E @ \$10,000.00 each.....\$ 20,000.00

u. s. SM CERTIFICATES OF INDEBTEDNESS, Series TM-1933, with March 15, 1933, and subsequent coupons attached: Nos.59 and 60 @ \$5,000.00 each 10,000.00

TARRANT WATER CONTROL & IMPROVEMENT DISTRICT NUMBER ONE, Series D, 5%, dated Nov. 16, 1931, with March 15, 1933, and subsequent coupons attached:

Nos.5347-52, 5358-61, inc. due 9/15/53 5377-5386, inc. due 9/15/54 5475-5484, inc. due 9/15/57 5590-3, 5596-5601, inc. due 9/15/60
@ \$1,000.00 each

40,000.00

U. S. 3% TREASURY NOTES, SERIES A-1935, with December 15,

1952, and subsequent coupons attached:
Nos.659K, 660L, 661A, 662B @ \$1,000 each....\$4,000.00
Nos.345E, 346F, 347H, 348J @ 10,000 each....40,000.00.....

44,000.00

United States Fourth Liberty Loan, 41%, Gold Bonds of 1935-38, with October 15, 1932, and subsequent coupons attached:

Nos. G00765467, G02364747, H01929218, G01929623, E01929905, D00113624, E00113625, G02359707,

K02358340 @ \$1,000.00 each

9,000.00

TOTAL \$123,000.00

THE WITHDRAWAL of pledged securities hereby set out is due to the fact that the securities now under pledge are in excess of the amount required adequately to secure the District's deposits, and is in compliance with the law and the provisions of the contract between the Bank and the District.

THIS RECEIPT is hereby designated as "EXHIBIT No.42" and is to be attached to the Bond executed by said Bank on March 13, 1930.

CONTINENTAL NATIONAL BANK OF FORT WORTH TEXAS

ATTEST:

As President

TARRANT COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NUMBER ONE

As Vice President & Custodian of Securities.