

RECORD OF PROCEEDINGS

100 LEAVES

MINUTES OF THE BOARD OF DIRECTORS MEETING OF THE PUEBLO CONSERVANCY DISTRICT FEBRUARY 22, 1984

The Board of Directors met at 8:00 A.M. on the above date at the office of the District, 111 E. 5th Street.

DIRECTORS PRESENT: K. Farley, P. Kelly and G. Sandstrom
ENGINEER PRESENT : R. Koester
ATTORNEY PRESENT : L. Ward
GUEST PRESENT : Marilyn Trunk, Greenways Foundation

The meeting was called to order by Chairman Kelly, and the minutes of the January 30, 1984 meeting were approved as published.

The Treasurer's report was given by Gus Sandstrom and the following vouchers were approved for payment:

16955	Rocky Mountain Bank Note Co.	8.90
16956	Kathleen Farley	40.00
16957	Patricia Kelly	40.00
16958	Gus Sandstrom	40.00
16959	Predovich & Ward	150.00
16960	K L H Engineering Consultants, Inc.	3230.00

Also approved for payment were the following vouchers not included as a part of the Treasurer's Report prepared on 2/17/84:

16961	Mountain Air Construction	14,152.50
16962	Gus Sandstrom, Jr.	44.12
16963	Midland Federal Savings	200,000.00

The amount of transfer was changed from \$3519.00 as shown on the treasurer's report, to \$17,671.50.

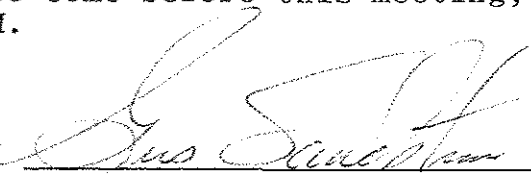
The Board approved the purchase of two certificates of deposit from Midland Federal Savings at \$100,000. each, to mature on 2/27/85, per the attached bid sheet.

The Board reviewed the progress of the Runyon Lake Plan and were made aware that Pueblo Greenways will be presenting the plan to the County Commissioners on February 28th.

The Board plans to conduct an inspection "walk" on the levees, primarily to look at the Maintenance Road work. The walk will take place after the regular meeting in March.

The next regular meeting will be at 10:30 A.M., Tuesday, March 27, 1984. (walk will begin at approximately 11:30 A.M. with Judge Phelps and Dr. Lyle Wilcox joining the Board Members.)

There being no further business to come before this meeting, the meeting adjourned at 9:00 A.M.


Gus Sandstrom, Secretary-Treasurer

COMPLETE ENGINEERING SERVICES
IN THE SPECIALTY FIELDS OF

WATER RIGHTS AND RESOURCES
WATER SUPPLY AND DISTRIBUTION
WATER AND SEWAGE TREATMENT
SEWAGE COLLECTION AND REUSE
STORM DRAINAGE AND FLOOD CONTROL
IRRIGATION - SUBSURFACE DRAINAGE
ENERGY DEVELOPMENT
INDUSTRIAL WASTES
FIRE PROTECTION
OTHER WATER-ORIENTED PROJECTS

McLAUGHLIN WATER ENGINEERS
ENGINEERING CONSULTANTS

2420 ALCOTT STREET
DENVER, COLORADO 80211
(303) 438 5550

February 24, 1984

RONALD C. McLAUGHLIN
HALFORD E. ERICKSON
DOUGLAS T. SOVERN
WILLIAM C. YAGGART
ROBERT L. CARLEY
WILLIAM R. KENDALL
CHARLES L. HARDT
RALPH L. TOREN
JOHN T. McLANE
GENE A. BURRELL
MICHAEL E. MERCER
JOHN M. PFLAUM
MICHAEL R. GALUZZI
RONALD E. DVORAK
JON H. SORENSEN
J. HAROLD ROBERTS
JACK W. STEINMEYER
LEANDER L. URMY
DISON A. PALMER

Board of Directors
Pueblo Conservancy District
P. O. Box 234
Pueblo, Colorado 81002

Re: Status Report for the Santa Fe Avenue Dam Study

The following is a letter describing the status of the above referenced study. We have been delayed in the preparation of the predesign report due to the length of time required to complete the necessary site topography and related survey work.

WORK COMPLETED TO DATE:

1. K L H Engineering Consultants, Inc. were authorized to proceed with field survey work for cross sections and preparation of a site plan for the dam site. With the exception of a few minor items, this work has been completed.
2. Agencies Contacted:
 - A. Bureau of Reclamation: Received a discharge vs. flood frequency curve which indicates the following flows for the river at Pueblo:

2-Year	5,000 cfs.
10-Year	7,000 cfs.
100-Year	18,000 cfs.

We also received copies of the monthly reports for Pueblo Reservoir from October 1982 through January 1984 which tabulate daily reservoir releases.

B. Colorado Department of Highways: We met with Dick Annard and obtained copies of construction drawings for the Santa Fe Avenue bridges as well as data on the route 227 bridge adjacent to the Booth Orchard Dam.

C. Sellards & Grigg: We contacted Sellards and Grigg to find out what analyses they had done regarding the Booth Orchard Dam. They had been retained by the City of Pueblo to investigate the effect of Booth Orchard Dam on the flood stage at the sewage treatment plant downstream. They are sending us their report, but we understand that their recommendation to the City is not to repair the Booth Orchard Dam.

We have yet to meet with the St. Charles Water District to discuss their existing water intake and their concerns/requirements for modification of the intake with the proposed dam. We plan to arrange a meeting with them in the near future.

3. We have done preliminary backwater analyses utilizing the cross section data supplied by KLH. These analyses have given us rough data concerning flood depths and velocities along the river. We will be doing more detailed flood water surface/velocity analyses when additional survey data is received.

Pueblo Conservancy District

4. The soils investigations along the river have been completed and the data is forthcoming from Lincoln DeVore.

WORK TO BE COMPLETED:

The bulk of the work required for the predesign report has yet to be done, but we feel that the work can be accomplished fairly quickly now that the initial ground work and data gathering has been completed. Major task items are (refer to our original proposal for further details):

1. Hydrologic Analysis (90% complete to date) We expect to receive additional flow data from USGS gage records.
2. Hydraulic Analysis (30% complete to date) Utilizing the field survey cross sections, bridge data and flow data, the flood water surface profiles can be completed for various flood events.
3. Channel Bed Stability Analysis (10% complete to date) Utilizing the results of the hydraulic and soil analyses, a study can be made of the anticipated channel degradation and depth of local scour at the proposed dam site. This information will be vital in the foundation design for the dam.
4. Preliminary Dam Design This work will include investigation of alternative structures (if any) and recommendation of a facility which incorporates channel bed control, utility protection, boating access, a water diversion and provision of a pedestrian bridge. The predesign report will also address final design and construction costs.

We anticipate that a draft report can be completed by late March. Perhaps arrangements could be made for a short presentation of the predesign results and transmittal of copies of the draft report for Friday March 30, or some other date that week. The draft report would then be reviewed by the Board over a subsequent week to ten day period. Comments and/or revisions would then be incorporated into the final report.

Very truly yours,

McLAUGHLIN WATER ENGINEERS

By - John M. Pflaum
Willaim C. Taggart

THE PUEBLO CONSERVANCY DISTRICT

BOARD OF DIRECTORS
P. KELLY
K. FARLEY
G. SANDSTROM

111 EAST FIFTH STREET
544-6823
PUEBLO, COLORADO

MAILING ADDRESS:
P. O. BOX 234
PUEBLO, COLO. 81002

TREASURER'S REPORT

Date February 17, 1984

Acct. #	Account	1983 Spent	1984 Budget	Current Month Vouchers	Total @ <u>2/22/84</u>	Unused Portion of Budget
#80	Attorney's Fees	\$1,800.	\$1,800.	150.	300.	1500.
#81	Director's Fees	2,080.	\$3,000.	120.	360.	2640.
#83	Engr.-Administrator	4,560.	4,560.	380.	760.	3800.
#90	Audit Fees	800.	900.	---	---	900.
#92	Insurance & Bond Premium	931.	1,100.	69.	680.	420.
#96	Office Supply & Postage	493.	500.	19.	289.	211.
#97	Office & Equip. Rent	900.	900.	75.	150.	750.
#100	Professional Fees	11,865.	12,000.	504.	2153.	9847.
#103	Travel	000	2,500.	---	---	2500.
#105	Repairs & Maint. of Flood Prot. Works	18,227.	300,000. KLH ChemWay	2775. 5003.	46,711.	253,289.
#108	Contingencies	000	7,500.	--	---	7500.
#109	Reserve for Emergency Flood Repairs	000	50,000.	---	---	50,000.
#110	Capital Improvements	218,212.	25,000.	---	---	25,000.
		\$259,868.	\$409,760.	\$9,095.	\$51,403.	\$358,357.

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DATE February 22, 1984

TOTAL EXPENDED THROUGH CURRENT MONTH \$ 51,403.

Vouchers # 16952 thru # 16960

Amount to be transferred \$ 3,519.

To checking X

Deposits \$ 00

To savings

Tel Transfer Savings Bal. \$ 81,984.

Checking Account Bal. \$ 150.

Total CD's \$ 1,755,000.

Checking acct. Bal 1/26/84 = \$ 150.

Tel Tfr. Bal. @ 1/26/84 = \$ 90384.

Matured CD's \$

Interest earned CD's \$
Interest earned Other Growth Res. \$ 695.
Other earnings \$

\$ 91,229.

CD's Purchased \$

Current Month Expenses \$ 9,095.

Cash Balance @ 2/26/84 = \$ 82,134.

INTEREST EARNED

TOTAL

January - 0.00
February - 0.00
March -
April -
May -
June -
July -
Total

August \$
September
October
November
December
\$

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February 22, 1984

FED ID #84-6002506

BID TABULATION -2:00 PM 2/21/84

PURCHASE DATE - 2/24/84

BIDDER	INTEREST RATE % 369 DAYS (2-27-85)	INTEREST RATE % 188 DAYS (8-30-84)	INTEREST RATE % 96 DAYS (5-30-84)	TYPE COMPOUND	EFFECTIVE ANNUAL YIELD
Colorado National Bank- Pueblo	9.250	9.050	8.950	Simple	\$ 9,250. Simple \$ 9,050. Simple \$ 8,950.
Midland Federal Savings	10.250	10.000	9.750	Simple	\$10,250. Simple \$10,000. Simple \$ 9,750.
Western Federal Savings	10.000	10.000	9.750	Simple	\$10,000. Simple \$10,000. Simple \$ 9,750.
World Savings	10.000	10.000	9.750	Simple	\$10,000. Simple \$10,000. Simple \$ 9,750.

APPARENT BEST BIDS:

Two \$100,000. Certificates

MIDLAND @ 10.250% - 369 days.