



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 1

1. Call to Order and Roll Call

Chairman Eichenberg called the Regular Board Meeting to order at 9:02 a.m. Wednesday, June 23, 2004. Roll was noted as follows:

Directors present: Chairman Tim Eichenberg
Director Linda Stover
Director Daniel Lyon
Director Daniel Hernandez
Director Ronald D. Brown (arrived late)

Others present: John Kelly, Executive Engineer
Sam Bregman, Attorney (arrived late)
Staff

A quorum was present.

2. Approval of Agenda

John Kelly, AMAFCA Executive Engineer, stated that there were no changes to the Agenda.

Director Stover made a motion to approve the agenda. Director Lyon seconded the motion, which passed unanimously (4-0).

3. Meetings Scheduled

- a. July 22, 2004, 9:00 a.m. – Regular Meeting**
- b. August 26, 2004, 9:00 a.m. – Regular Meeting**
- c. September 23, 2004, 9:00 a.m. – Regular Meeting**

Director Hernandez made a motion to approve the meeting schedule. The motion was seconded by Director Lyon, and passed unanimously (4-0).

4. Approval of Minutes

- a. May 27, 2004**

Director Lyon made a motion to adopt the minutes of the May 27, 2004 Regular Board Meeting. Director Hernandez seconded the motion.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 2

Chairman Eichenberg stated that he wished to clarify on Item 9 on page 4 of the minutes, Purchase of Tractor/Mower, stating that AMAFCA was not trying to exclude anyone with the specifications, and had actively sought bids from the other suppliers.

The motion then passed unanimously (4-0).

5. Financial Matters

a. Approval of May 2004 Expenditures

Irene Jeffries, AMAFCA Business Manager, presented the May 2004 Expenditure Report.

Chairman Eichenberg asked why there were two checks for "water, sewer, refuse" listed. Mr. Kelly replied that one was the project water for dust control, and the other was the normal monthly water and sewer bill. He stated that in next year's budget, it will be broken out into "project water" and "office water" to better track expenses.

Director Stover made a motion to approve the May 2004 Expenditure Report. Director Hernandez seconded the motion, and it passed unanimously (4-0).

b. Investment Report

For Information.

c. Financial Recap May 16, 2004 through June 15, 2004

For Information.

d. Financial Forecast June 16, 2004 through July 15, 2004

Ms. Jeffries presented the Board with the Financial Forecast for the period June 16, 2004 through July 15, 2004.

Director Stover made a motion to approve the Financial Forecast. Director Hernandez seconded the motion, and it passed unanimously (4-0).



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 3

e. Approval of Resolution 2004-6, FY-04 Budget Adjustments

Ms. Jeffries presented a request to adopt Resolution 2004-6, FY-04 Budget Adjustments, to shift \$25,000 from the "Other Operating Expenses" line item to the "Salaries and Payroll Expense" line item. The change was necessary due to an increase in maintenance overtime, and an anticipated credit on workman's compensation which was not received.

Director Brown arrived during this presentation.

Chairman Eichenberg asked why this needed to be done through a resolution, since it did not need to be sent to the State DFA. Ms. Jeffries replied that this was at the auditor's request for audit purposes, since money was being shifted from one line item category to another. If the total amount of the budget had changed, DFA would need to be notified.

Director Lyon made a motion that the Board adopt Resolution 2004-6, FY-04 Budget Adjustments, and authorize the Chair and Secretary/Treasurer to sign the Resolution. Director Hernandez seconded the motion, and it passed unanimously (5-0).

6. Legal

a. Status Report

This item was deferred till later in the meeting since Attorney Sam Bregman had not yet arrived at the meeting.

7. 2004 Board of Directors Election – Approval of Certification of Nomination

Mr. Kelly presented the results of the nominating process for the District Five seat that will be coming up for election in November.

He stated that three candidates had presented nominating petitions by the deadline, and they drew for ballot position at 5:15 p.m. on June 22. Ballot position one would be held by Janet W. Saiers, ballot position two by John Doran, and ballot position three by Gregory N. Raver. He stated that each candidate had over fifty nominating signatures.

Director Stover made a motion that the Board approve the Certification of Nomination, authorize the Secretary/Treasurer to sign it, and send it to the County Clerk.

Director Hernandez seconded the motion. After discussion, the motion passed unanimously (5-0).



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 4

8. Resolution 1990-10, Disposal of Sediment and Excess Earth – Annual Establishment of Royalty

Mr. Kelly presented a list of sediment sales over the past year, and asked that the Board establish the royalty amount to be charged for sediment sales in FY-05.

After brief discussion, Director Hernandez made a motion that the Board maintain the price for sale of excess sediment at \$0.50 per cubic yard for the next fiscal year.

Director Stover seconded the motion. After brief discussion, the motion passed unanimously (5-0).

9. La Cueva Arroyo Avulsion Four Project – Award of Construction Contract

Loren Mainz, AMAFCA Drainage Engineer, presented the results of the competitive bid for the La Cueva Arroyo Avulsion Four Project. He stated that eight contractors picked up the bid documents, and two bids were received by the deadline. Moore & Cowart Contractors, Inc., had the low bid at \$350,344.30.

He further stated that due to the confined space required for excavation and dirt moving, both contractor's bids were above the final engineer's estimate. He stated that design details might be changed slightly in the final contract to limit the amount of excavation and dirt moving required, to reduce the cost of the project by avoiding moving the dirt twice.

Director Stover made a motion that the Board accept Moore & Cowart Contractors, Inc., as the lowest responsible bidder, and authorize the Chairman to execute a contract with Moore & Cowart Contractors, Inc., in the amount of \$350,344.30 for the La Cueva Arroyo Avulsion Four Project.

Director Brown seconded the motion.

Chairman Eichenberg then asked if the motion could be revised to state "in an amount not to exceed \$350,344.30", to allow for a reduction of costs through a slightly changed detail design. Director Stover and Director Brown both agreed to this.

Brief discussion followed. Mr. Mainz explained that the engineer's estimate is based on City Unit Prices, which were low in this case due to the tight area for excavation purposes and the fact that work was in two different places. Mr. Kelly stated that he expected to be able to bring this contract in for under \$350,000.00.

The revised motion passed unanimously (5-0).



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 5

10. UNM Hydraulic Modeling Agreement – Approval of FY-05 Agreement

Christy Burton, AMAFCA GIS Manager, introduced Dr. Julie Coonrod of UNM, who was present in the audience. Ms. Burton then presented the proposed Agreement for Year 16 of the Hydraulic Modeling Agreement with UNM.

Director Brown made a motion that the Board approve the UNM Open Channel Modeling proposal for Year 16, not to exceed \$50,000, and that the Executive Engineer be authorized to execute the necessary proposal acceptance forms from UNM. Director Hernandez seconded the motion.

Discussion followed. Director Lyon asked if there are any students involved in the modeling, and if it was a part of the educational process.

Dr. Coonrod stated it was an integral part of the educational system at UNM. She stated the project hires a graduate student and several part-time students are also involved. She also stated that the hydraulic modeling lab is a portion of several required classes, and the University uses it as a showpiece to touring groups. Dr. Coonrod stated that Board members were welcome to visit the lab anytime.

The motion then passed unanimously (5-0).

11. United States Geologic Survey Cooperative Program – Approval of FY-05 Program

Mr. Mainz presented a request to renew AMAFCA's participation in the United States Geologic Survey Cooperative Program in FY-05.

Discussion followed. Mr. Mainz stated that if some sampling is not done due to a lack of rainfall events, that sampling is carried forward as a credit in the following year.

Chairman Eichenberg indicated that some of the proposed/possible work programs mentioned by USGS were interesting possibilities.

Mr. Mainz discussed one of those possible work programs, and indicated that with the data that has been collected, this program might allow them to redefine the "100-year" event and get a better picture of rainfall frequency distribution in the metropolitan area. Better definitions might lead to more accurate modeling.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 6

Director Brown made a motion that the Board authorize the Executive Engineer to execute the Cooperative Agreement with the USGS and the City of Albuquerque; the AMAFCA participation share amount shall not exceed \$112,525.00.

Director Hernandez seconded the motion, which passed unanimously (5-0).

12. Lyon Boulevard Storm Drain – Consideration of Engineering Services Agreement with Wilson & Company

Lynn Mazur, AMAFCA Development Review Engineer, introduced Dan Aguirre of Wilson & Company, who was present in the audience. She then presented a request to approve the Engineering Services Agreement with Wilson & Company for design of the Lyon Boulevard Storm Drain project.

She stated that, as the Board requested at their last meeting, the agreement was revised to limit this phased agreement to field survey, geotechnical work for the basalt profile, preparation of a Design Analysis Report, and a presentation to the Board of the 35% conceptual design and preliminary construction cost estimate.

Director Brown made a motion that the Board approve the Agreement with Wilson & Company, to provide Professional Engineering Services for the conceptual design of the Lyon Boulevard Storm Drain in the amount of \$36,000.00, excluding New Mexico Gross Receipts Tax.

Director Hernandez seconded the motion, which passed unanimously (5-0).

13. La Cueva Arroyo at Eagle Rock – Preliminary Approval of Sale of Surplus Property

Martin W. Eckert, Jr., AMAFCA Real Estate Manager, stated that AMAFCA had not yet received the updated survey of this property, and asked if consideration of this item could be deferred to a later meeting.

After brief discussion, Director Lyon made a motion that the Board defer this item to a later Board meeting.

Director Hernandez seconded the motion, which passed unanimously (5 - 0).

Chairman Eichenberg directed staff to put this item back on the agenda after the survey and appraisal have become available.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 7

14. North Diversion Channel – Replacement of Portion of Existing Open Channel with Underground Box Culvert at UNM North Campus – Consideration of Agreement between AMAFCA and UNM

Mr. Eckert introduced four audience members representing UNM: Kim Murphy, Paul Roth, Mary Kinney, and Linda Ensley. He then presented the proposed agreement between UNM and AMAFCA, for UNM to replace a portion of the North Diversion Channel with an underground concrete box culvert. He stated that the Board previously heard about this project in November and December, 2003. He requested that the Board authorize execution of the agreement.

Director Hernandez asked why UNM wanted six months notice that AMAFCA would need to use a vertical access shaft. Mr. Kelly replied that use of the access shaft would be for previously scheduled reconstruction or major repair work projects, about 15 to 20 years from now, and so six months notice is reasonable. He also stated that AMAFCA would have immediate access in the event of an emergency.

Director Stover made a motion that the Board authorize the Board Chairman to execute the proposed Agreement with UNM.

Director Brown seconded the motion, which passed unanimously (5 - 0).

15. NPDES Storm Water Quality Education Program – Review and Comments on Draft Joint Funding Agreement Among AMAFCA, City of Albuquerque, UNM, NMDOT and Bernalillo County

Mr. Mainz presented a proposed draft Joint Funding Agreement with AMAFCA, the City of Albuquerque, UNM, NMDOT, and Bernalillo County.

Mr. Mainz stated that as a part of the EPA-NPDES storm water discharge permit, the co-permittees are required to develop a storm water management program for "Public Education" for storm water quality. He also stated that NMED has included Public Education as a required activity.

He explained that in discussions over the past several months, the MS-4 co-permittees and Bernalillo County Public Works decided that a combined effort on one education program would be the most economical and best approach for all parties involved.

He stated that the proposed draft agreement would provide funding for an initial "start-up" for a public education program, to include hiring a consultant and defining the type of program



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 8

they would put together (public service announcements, advertising, etc.). He stated that later there would be an ongoing program similar to the Ditch Safety Program.

Chairman Eichenberg asked if the Pueblos and agencies such as the Village of Los Ranchos and the Community of Tijeras were also involved. Mr. Meinz stated that the Community of Tijeras was not required to have a permit as they were a non-urbanized area, and so they were not involved.

He also stated that the Pueblos have their own water quality programs through the EPA, and set their own water quality standards. He was unsure if the Pueblo of Sandia was required to have a stormwater discharge plan, as it is a non-urbanized area. The Village of Los Ranchos was also considered "non-urbanized".

Further discussion followed. Chairman Eichenberg suggested that perhaps the agencies that were not required to participate, could participate in some sort of small-scale manner, to present a unified regional message to the public.

He added that if they do not participate immediately, they may be interested in participating next year.

Mr. Kelly stated that this program is being set up similar to the Ditch Safety Program, which also began as a one-year trial project. He stated that AMAFCA would also be taking the fiscal lead in this program. He stated that the Ditch Safety Program has received additional funding beyond the core agencies, and the same could happen with this program when the other agencies are approached.

In response to Director Hernandez's question, Mr. Meinz stated that Bernalillo County had already approved the agreement, approval was in process at the City, and the NMDOT has indicated they concur with the agreement.

Mr. Kelly stated that, with the EPA mandate behind this program, he expected it to be approved fairly quickly by all agencies involved.

Board consensus was that the proposed combined educational effort was a good idea, and that the other agencies mentioned should be contacted to see if they wish to participate as well.

Chairman Eichenberg called a brief recess at 9:55 a.m. He reconvened the meeting at 10:05 a.m.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 9

16. Fourth Street Roadway and Drainage Improvements Project – Briefing by Village of Los Ranchos

Mr. Kelly introduced Mayor Larry Abraham, of the Village of Los Ranchos, who spoke briefly about the Fourth Street Roadway and Drainage Improvements Project. Mayor Abraham then introduced Juan Vigil, Village Administrator, and Ray Macy and Dave Owlsley of the Larkin Group, who were available to answer technical questions.

Mr. Vigil presented the project in more detail. He stated that the proposed storm drain down Fourth Street would alleviate stormwater ponding along Fourth, and would tie into the existing City Storm Drain system at Fourth and Alamosa. He pointed out several proposed locations for the detention pond or ponds that would be required for the project, and requested AMAFCA participation in the acquisition and construction of the ponds.

He stated that the alternative to this plan would involve a pump station with a separate discharge to either the Rio Grande or the North Diversion Channel, at triple the cost of the ponding option.

Discussion followed, with many questions from the Board.

Mr. Vigil stated that this would be the beginning of a storm drain system in the Village.

Mr. Kelly stated that the completed storm drain system in the Village would remove considerable floodplain, and that this storm drain and detention pond were the beginning of that system.

17. Loma Larga Roadway and Drainage Improvements Project – Briefing by Village of Corrales

Mr. Kelly introduced Mayor Gary Kanin, of the Village of Corrales, who spoke briefly about the Loma Larga Roadway and Drainage Improvements Project. Mayor Kanin then introduced Jim Buckman, of Parsons Brinckerhoff, who presented the project in more detail.

Mr. Buckman stated that as a part of doing roadway and drainage improvements to Loma Larga Road, MRGCD has required that they upgrade the Corrales Main Canal to include shotcrete lining in the portions of the canal that will be relocated. Corrales also wishes to expand and deepen AMAFCA's existing Skyview Detention Pond to increase its volume.

Mr. Buckman pointed out that lining the canal with shotcrete would increase the flow capacity of the canal.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 10

He stated that Corrales would like AMAFCA's participation to upgrade the remaining portion of the Corrales Main Canal up to the Bernalillo County line. He also stated that Corrales would be willing to take over maintenance of the Skyview Pond.

Discussion followed.

Consensus of the Board was that this would be a good project to support, pending bond passage.

Chairman Eichenberg asked if the \$70,000 needed might be available in the current budget.

Mr. Kelly stated that he would take a look at the remaining construction fund but that funding was likely available, and perhaps he could have an agreement for the Board to consider at the next meeting.

Consensus of the Board also was that AMAFCA should retain maintenance of the structural elements of the Skyview Pond, and oversight of other maintenance. Trash and debris removal and weed control could effectively be handled by the Village of Corrales.

Director Hernandez asked about water quality. Mr. Kelly stated that two years ago, AMAFCA added a baffle structure at the Skyview Pond outlet, which will continue to work as designed when the pond is increased in volume.

The consensus of the Board was to contribute \$70,000 to the project to finish the upgrade of the portion of the Corrales Main Canal upstream of Cabezon Road to the County line.

Attorney Sam Bregman arrived during the presentation and discussion of the Loma Larga project.

18. Isleta Blvd. Phase II Roadway and Drainage Improvements Project – Briefing by Bernalillo County

Mr. Kelly introduced Tim West, Deputy County Manager for Bernalillo County Public Works, who presented the preliminary plans for the Isleta Boulevard Phase II Roadway and Drainage Improvements Project. Also in attendance at the meeting were Roger Paul and Chuck Thompson of Bernalillo County Public Works.

Mr. West began by thanking the Board for their participation in previous projects in the area, including Isleta Phase I, completed in August 2003, which greatly improved drainage in the area.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 11

Mr. West stated that Isleta Phase II would be of equally great benefit in the South Valley. He stated stormwater would be collected from the roadways, delivered to a series of detention ponds, then ultimately to the Armijo Drain.

He stated that the project would improve the Armijo Drain to give it increased capacity, and would build tributary storm drains along several streets that currently flood badly. Floodplain would immediately be removed, and in a later phase of the project which would tie into this portion, even more floodplain would be removed.

He asked for AMAFCA participation in the approximate amount of \$3 million to accomplish this. \$2 million would provide the storm drain system to remove floodplain from the area, and the other \$1 million would improve the Armijo Drain to handle the increased water volume.

Discussion followed. Board reaction was mixed, with Directors Hernandez and Stover supporting the project, and Chairman Eichenberg not supporting the \$1 million increase in funding from the current Project Schedule needed to accomplish the project. Others were non-committal.

Mr. Kelly pointed out that the two main backbones for the South Valley are the Armijo Drain and the Isleta Drain, underscoring the project's importance to the region.

He pointed out that by changing the scope of this project to include multiple outfalls, floodplain is addressed on every adjacent street instead of just one area. He stated that these tributary storm drains each remove a pocket of floodplain, greatly increasing the impact of the project.

Mr. Kelly noted that Bernalillo County Public Works County Manager Thaddeus Lucero had arrived during the discussion.

Director Brown stated that he'd be willing to look at another step between \$2 and \$3 million, but the additional \$1 million seemed to be too much. He stated he was receptive to an increased scope in the project.

After further discussion, Chairman Eichenberg pointed out this project was still very much in the future, as Bernalillo County would need to get permission from MRCGD to widen the Armijo Drain first. He stated that he'd be willing to extend the scope of the project, especially if a large increase in benefit could be had for only a few more dollars, but not at the cost of \$1 million more.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 12

Director Hernandez addressed Thaddeus Lucero, stating that perhaps the funding could be revised on the project, so that the split would remain at 50-50 instead of changing to 70-30.

Mr. Lucero thanked the Board for their input, stating the design was only about 50% complete at this point, and there was still a lot of work to be done on it.

19. FY-05 Project Schedule Review

a. Review of Proposed Text and Layout

Mr. Kelly presented the second draft of the proposed FY-05 Project Schedule, seeking the Board's opinion of the proposed text and layout of the Project Schedule. He pointed out that the projects are listed by region in this year's schedule.

b. Review of Draft Projects List

Mr. Kelly then went through the second draft of the proposed projects list. He reminded the Board that Dain Rauscher had shown AMAFCA can support an additional \$10 million in bond sales every four years without an increase in the mill levy, or a total of \$30 million over the four-year period, rather than the \$20 million of four years ago.

The Board made comments and asked questions about specific projects as he went through the list.

Director Brown stated that the Project Schedule was a great list of proposed projects and proposed timetables, and a wonderful planning tool, but he wished to avoid any sense of "entitlement" by stressing that the project schedule was flexible and the numbers, timetable, and projects scheduled might change as needs changed.

Mr. Kelly stated that he felt the paragraph at the top of page six would preclude any sense of "entitlement", but he invited the Board to take a look at that paragraph and if anyone had any improvements to suggest at the next meeting, he was open to changing it.

Mr. Kelly stated that he would keep the Board's comments in mind as he and staff prepared the next draft of the Project Schedule.



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 13

20. Field Highlights

- a. Construction Report**
- b. Field Report**

Mr. Mainz presented a slide show depicting progress on current projects.

He stated that the West I-40 Diversion Channel Phase III project has been proceeding faster now that they are laying pipe, and that some time has been made up on the project schedule. The pipeline is now about 40% complete.

He stated that the Isleta Phase 1-A Drainage Improvements (the Sanchez Farm Detention Basin and Pump Station), and the Amole Arroyo Snow Vista to Delgado Drive Project have both been completed. He also showed a beginning-to-end slide show of Isleta Phase 1-A.

He then showed some slides of the Parking Lot project, currently in progress.

21. Unfinished Business

Returning to Item 6, Attorney Sam Bregman gave the Board an update on the status of various legal matters.

There was no other unfinished business.

22. New Business

- a. Out of State Travel Request – Field Engineer to Dam Safety 2004, Phoenix, Arizona, September 26-30, 2004.**

Mr. Kelly presented a request for out of state travel for the Field Engineer to attend the Dam Safety Conference in Phoenix, September 26-30, 2004. He stated that this conference would be valuable in light of the state's requirements for dam safety plans for each of AMAFCA's flood control dams. He also stated that the conference would be a good opportunity to gain a national perspective on issues that affect AMAFCA.

Director Hernandez made a motion that the Board authorize the reimbursement of travel expenses for the Field Engineer to attend the 2004 Dam Safety Conference in Phoenix, Arizona, not to exceed \$2,000.00.

Director Stover seconded the motion, which passed unanimously (5-0).



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
June 23, 2004**

Page 14

23. Items from the Floor / Public Comment

None.

24. Adjourn

With no further business to discuss, Chairman Eichenberg adjourned the meeting at 11:35 a.m..

Ronald D. Brown, Secretary-Treasurer 07/22/04

Recorded by Pam Woodruff, Secretary to the Executive Engineer