



**Albuquerque Metropolitan
Arroyo Flood Control Authority
Regular Meeting Minutes
October 25, 2007**

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1. Call to Order and Roll Call

Chairman Hernandez called the Regular Board Meeting to order at 12:02 p.m., Thursday, October 25, 2007. Roll was noted as follows:

Directors present:	Chairman Danny Hernandez Director Janet Saiers (arrived late) Director Tim Eichenberg Director Ronald D. Brown Director Daniel Lyon
Directors excused:	None
Others present:	John Kelly, Executive Engineer Jackie Bregman, Attorney Staff Other attendees on file at AMAFCA

A quorum was present.

2. Approval of Agenda

Director Eichenberg made a motion to approve the agenda. Director Brown seconded the motion, which passed (3-0). Director Lyon arrived immediately after the vote.

Mr. Kelly stated that there was a handout on agenda item 13, which may require that item to be moved from the consent agenda to the regular agenda.

3. Meetings Scheduled

- a. **November 15, 2007, 1:30 p.m. – Regular Meeting**
- b. **December 13, 2007, 10:00 a.m. – Regular Meeting**
- c. **January 24, 2008, 10:00 a.m. – Regular Meeting**

No changes were made to the meeting schedule.

4. Approval of Minutes

- a. **September 25, 2007**

Director Brown made a motion to approve the minutes of the September 25, 2007 Regular Board Meeting. Director Lyon seconded the motion, which passed (4-0).



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b. October 10, 2007

Director Brown made a motion to approve the minutes of the October 10, 2007 Regular Board Meeting. Director Lyon seconded the motion, which passed (4-0).

5. Financial Matters

a. Approval of September, 2007 Expenditures

Irene Jeffries, AMAFCA Business Manager, presented the September, 2007 Expenditure Report.

There being no questions, Director Lyon made a motion to approve the September, 2007 Expenditure Report. Director Brown seconded the motion, which passed (4-0).

b. Investment Report for September, 2007

For information.

c. Financial Recap September 16, 2007, through October 15, 2007

For information.

d. Financial Forecast October 16, 2007, through November 15, 2007

Ms. Jeffries presented the Financial Forecast for the period October 16, 2007, through November 15, 2007. She noted that the Forecast includes payment of two payroll periods from the Operating Fund, and a payment of \$722,000 to Bernalillo County for the Isleta Boulevard Drainage and Transportation Project Phase 2, from the Construction Fund. There were no questions.

Director Brown made a motion to approve the Financial Forecast. Director Eichenberg seconded the motion, which passed (4-0).

e. Sandoval County Debt Service Tax Collection for FY-2007

Ms. Jeffries stated that the Sandoval County Treasurer's Office had completed their reconciliation of the debt service tax distributions for FY-2007, and had calculated the correct amount due. A check had been received for the balance of the funds due for FY-2007.



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6. Legal Report

Ms. Bregman had nothing to add to her written report on the status of several items..

Consent Agenda:

Chairman Hernandez stated that he was removing agenda item 13 from the Consent Agenda, and moving it to the Regular Agenda.

Questions from the Board about the items on the Consent Agenda are addressed below the introduction of each item.

Responding to a general question from Director Eichenberg, staff confirmed for Mr. Kelly that none of the on-call contractors had made any contributions to any Board member within the previous two years as subject to disclosure on the Campaign Contribution Disclosure forms.

Due to questions from Director Lyon about agenda item 11, Chairman Hernandez moved agenda item 11 from the Consent Agenda to the Regular Agenda.

7. Embudo Arroyo Under Carlisle Bridge Concrete Channel Rehab – Award of Construction Contract to Salls Brothers Construction

The memo from Kurt Wagener, AMAFCA Field Engineer, stated that six bids had been received, and the low bidder was Salls Brothers Construction. His memo requested that the Board accept Salls Brothers Construction as the lowest responsible bidder and award the contract to them in the amount of \$349,383.32 plus New Mexico Gross Receipts Tax.

8. AMAFCA 2008 Miscellaneous Project and Concrete Channel Rehab – Award of Construction Contract to Star Paving Company

The memo from Mr. Wagener stated that four bids had been received, and the low bidder was Star Paving Company. His memo requested that the Board accept Star Paving Company as the lowest responsible bidder and award the contract to them in the amount of \$362,835.00 plus New Mexico Gross Receipts Tax.



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- 9. Consideration of Extension of Various On-Call Services Agreements**
- a. Surveying Services – Second Extension of Agreements**
 - b. Site Photography Services – Second Extension of Agreement**
 - c. Title Services – Second Extension of Agreements**
 - d. Real Estate Appraisal Services – Second Extension of Agreements**
 - e. Geotechnical/Environmental Services – Second Extension of Agreements**

The memo from Mr. Kelly stated that twelve on-call services agreement contracts were originally signed October 31, 2005, and they were extended for the first time in October 2006. The contracts are:

- Surveying Services: Albuquerque Surveying Company, Bohannon Huston, Inc., High Mesa Consulting (formerly Jeff Mortensen and Associates), and Wilson & Company
- Site Photography Services: Eagle's Eye Photo Imaging
- Title Services: LandAmerica Albuquerque Title
- Real Estate Appraisal Services: American Property, Commercial Appraisal Professionals, and Shipman/Foley & Associates
- Geotechnical/Environmental Services: AMEC Earth & Environmental, Kleinfelder, and Vinyard & Associates

All have agreed to extend their contracts for another year at the same rates, and all have provided signed Campaign Contribution Disclosure forms. The memo requested that the Board extend the contracts for the second extension and the third year of the potential four year Agreements.

- 10. West I-40 Landscape Maintenance – Consideration of First Extension of Contract with Black Forest Tree Service**

The memo from Jerry Lovato, AMAFCA Drainage Engineer, stated that the Board approved a contract for West I-40 Landscape Maintenance with Black Forest Tree Service on October 26, 2006. The agreement is for a one-year contract with up to three additional years. Black Forest Tree Service would like to extend the contract for a year at the same rates. The completed Campaign Contribution Disclosure form had been received. The memo requested that the Board approve the first one-year extension of this contract.



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12. Storm Water Quality Education Coordinator – Consideration of Third and Final Extension of Professional Services Agreement with Cooney, Watson & Associates

The memo from Christy Burton, AMAFCA GIS Manager, stated that AMAFCA entered into a Professional Services Agreement with Cooney, Watson & Associates for Storm Water Pollution Public Outreach and Education Coordinator on November 18, 2004. This contract has been extended two times, and is due for a final extension. Cooney, Watson & Associates would like to extend the contract for one more year at the same rates. A signed Campaign Contribution Disclosure form had been received. The memo requested the Board approve the third and final extension of this contract.

Director Saiers arrived at 12:15 p.m.

There being no further items on the Consent Agenda, Director Eichenberg made a motion that the Board:

- Accept Salls Brothers Construction as the lowest responsible bidder and authorize the Chairman to execute a contract with Salls Brothers Construction in the amount of \$349,383.32 plus New Mexico Gross Receipts Tax for the construction of the Embudo Arroyo Floor Replacement Under Carlisle Project;
- Accept Star Paving Company as the lowest responsible bidder and authorize the Chairman to execute a contract with Star Paving Company in the amount of \$362,835.00 plus New Mexico Gross Receipts Tax for construction of the Miscellaneous AMAFCA Projects 2008;
- Authorize the Executive Engineer to extend each of the above-listed on-call contracts for Surveying Services, Site Photography Services, Title Services, Real Estate Appraisal Services, and Geotechnical/Environmental Services for a one-year term as per the provisions of the contracts dated October 31, 2005;
- Authorize the Executive Engineer to extend the contract with Black Forest Tree Service for an additional one-year term per the provisions of the contract dated October 26, 2006; and
- Approve the third and final extension of the Professional Services Agreement with Cooney, Watson and Associates for Storm Water Pollution Public Outreach and Education Coordinator for an additional year at the same rates, as per the provisions of the contract dated November 18, 2004.



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

Regular Agenda:

11. Ditch Safety Coordinator – Consideration of First Extension of Professional Services Agreement with Griffin and Associates

The memo from Ms. Jeffries stated that AMAFCA entered into a Professional Services Agreement with Griffin and Associates for Ditch Safety Coordination via RFP dated November 16, 2006. Per the terms of the agreement, Griffin and Associates would like to extend the contract for another year, and have requested a 5% fee increase, as is allowed by the contract. Her memo requested that the Board authorize the first one-year extension of the contract, subject to the Ditch Safety Task Force agreeing to the proposed fee schedule at their October 24, 2007 meeting. A signed Campaign Contribution Disclosure form had been received.

In response to questions from Director Lyon about Griffin & Associates' regular hourly rates and the reason for the request for a 5% increase, Mr. Kelly explained that, similar to attorneys, Griffin & Associates has regular hourly rates, and hourly rates for preferred clients such as AMAFCA. The contract allows a rate increase at the time of extension. He stated that the Ditch and Water Safety Task Force had met and recommended approval of Griffin & Associates' request for a 5% increase in fees, subject to the AMAFCA Board's approval.

Director Lyon stated he could not support the increase in fees without further supporting information.

Director Eichenberg made a motion that the Board authorize the Executive Engineer to extend the agreement with Griffin and Associates, including a 5% increase in fees. Director Brown seconded the motion.

Director Brown stated that, as a contract extension is at will by either party, Griffin & Associates could decline to continue if the rates are not increased.

Responding to a question from Director Eichenberg, Ms. Bregman stated that a contract did not need to go out to RFP again if the fee schedule was changed during an extension. She added that the original RFP stated there were potential extensions, and a sample form agreement had been attached. The agreement, indicated the parties could renegotiate rates when the contract was extended.

Director Brown commented that, because AMAFCA is the Ditch and Water Safety Task Force's fiscal agent, the Task Force has recommended approval of the rate increase, and needs the AMAFCA Board's approval of the rate increase for the change to take effect.



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Chairman Hernandez pointed out that AMAFCA also contributes approximately 20% of the funds used to operate the Ditch and Water Safety Task Force.

The motion passed on a 4-1 vote. Director Lyon voted against the motion.

13. AMAFCA On-Call Engineering Services – Consideration of On-Call Engineering Services Agreements

- a. Category 1: Hydrologic/Hydraulic Analyses; FEMA Flood Map Revisions; Small Drainage Management Plans; Dam Inundation Mapping**
 - 1. Bohannon Huston, Inc.**
 - 2. URS Corporation**
 - 3. Smith Engineering**
 - 4. Easterling and Associates**

- b. Category 2: Small Project Design, Construction Engineering, and Architectural Design; Structural Review and Design; Project Review and Inspection; Utility Review and Design**
 - 1. Bohannon Huston, Inc.**
 - 2. Boyle Engineering Co.**
 - 3. Wilson and Company**
 - 4. Smith Engineering Company**

- d. Category 3: Erosion, Sediment and Prudent Line Review and Analyses**
 - 1. Mussetter Engineering**
 - 2. Ayres & Associates**

Lynn Mazur, AMAFCA Development Review Engineer, introduced a number of representatives of these firms, including Chuck Easterling, of Easterling and Associates; Robert Hawthorne, of Boyle Engineering; Pat Conley, of Smith Engineering; Sean Melville and Craig Hoover, of Bohannon Huston, Inc.; Sheldon Greer, of GND Engineering, who will consult with Easterling and Associates; Don Lopez, of URS Corporation, and his subconsultant Chuck Caruso, of Agrimex; and Tyler Ashton, of Wilson and Company.

Ms. Mazur stated that updated boilerplate contracts had been sent to each of the firms accepted by the Board for engineering on-call services, and they had responded with fee schedules and insurance information. She added that, after the boilerplate agreements had been sent out to the Board, additional comments came back from the corporate counsel for one of the firms, requesting additional changes.



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She requested the Board approve the On-Call Engineering Services Agreement and fee schedule for each firm, substantially as attached to the Board mailout, pending final language for portions of the document being worked out by Ms. Bregman and the other attorney involved, corporate counsel for URS Corporation.

Brief discussion followed.

Consensus of the Board was that the changes requested, including changes to the indemnification section and the invoicing/payment section, and addition of a *Force Majeure* clause and another clause warranting contractors' permission for entry to rights of way not owned by AMAFCA, would be substantial changes, which should be approved by the Board. The Board also agreed that any changes that were made should be made in all the on-call engineering contracts, and should also be used in other AMAFCA contracts to build a stronger boilerplate document.

Director Eichenberg made a motion that the Board defer a decision on the on-call engineering agreements until next month's meeting, allowing staff to continue to work out the details for the contract changes requested. Director Saiers seconded the motion.

Mr. Kelly noted that delaying the new agreements three weeks would probably not adversely affect the two construction contracts approved earlier in the meeting, which would have Construction Engineering Services provided through the on-call engineering contracts. He confirmed with staff that the current on-call contracts expire October 23, 2007. He agreed that a stronger boilerplate agreement would be of benefit to AMAFCA and its consultants, and that the same terms should be in all on-call contracts, and in all upcoming contracts.

Chairman Hernandez indicated that, as some of the changes proposed could result in an agreement *not* "substantially the same," he supported deferral of approval of the contracts.

Don Lopez, of URS Corporation, stated that all URS contracts needed to be approved by the corporate legal counsel in Denver, Colorado. He anticipated that the changes suggested would be negotiated and differences resolved shortly.

The motion to defer a decision on the on-call engineering agreements passed unanimously (5-0).

Mr. Kelly noted that Dick Rowles, of Star Paving, was present. Star Paving was awarded the contract for AMAFCA Miscellaneous 2008 Projects in the consent agenda.



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14. Film Production on AMAFCA Right of Way – Discussion on Ground Rules for Allowing Such Uses

Loren Hines, AMAFCA Real Estate Manager, introduced Ann Lerner of the Albuquerque Film Office.

Following a brief video introduction to the use of facilities similar to AMAFCA's in film-making, Mr. Hines stated that AMAFCA has received an increasing number of requests from filmmakers to use AMAFCA facilities, both for parking and staging, and also for potential film locations. He explained some of the issues involved, and asked Board input on potential policies, including use of a boilerplate Location Agreement versus a Recreation License Agreement, fees, the proper level of indemnification against injury, policy regarding damage, allowed/prohibited activities, and who should approve filmmakers' requests, the Board or the Executive Engineer.

He also noted that the film industry uses special effects to create flames, sparks, and so on, so there is no damage to the underlying structures. He commented that, in the scene viewed by the Board, close observation after the truck crashes into the bridge shows there are no marks on the bridge. There is the perception of damage, but in actuality, no damage occurs. In many cases, different backgrounds and effects are also created with CGI (Computer-Generated Imagery) and added to scenes filmed on location.

Discussion followed, with each Board member given the opportunity to speak. The Board discussed fees, liability, the staff time required to coordinate and monitor location shoots, and content, in particular how certain films might possibly undermine AMAFCA's ditch safety message. They also discussed modifying boilerplate agreements used by others to better fit AMAFCA's needs, in particular the need for filmmakers to leave flood control facilities immediately if it rains. Several Directors mentioned the economic benefit of having movies shot locally. Chairman Hernandez suggested a fee structure that would roughly offset AMAFCA's costs.

Ann Lerner confirmed that the film industry has spent \$200 million in Albuquerque in the past four years, so it is very good for the local economy. The movie "Game," which will be filmed in Albuquerque this fall, will spend \$17.2 million in Albuquerque, and has a \$50 million budget.

Ms. Lerner stated that the Albuquerque Film Office uses an 11 page Location Agreement and a 2 page Location Release, both of which are required. She added that AMAFCA is welcome to use these forms as a basis for creating forms specific to AMAFCA's needs.

In response to a question from Chairman Hernandez, she stated that location fees vary, with most sites, such as Open Space and the Bio Park, charging around \$1000/shoot day. Certificates



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of insurance indicating \$1,000,000 in liability coverage naming the City as additional insured is also required. Individual sites, such as the Bio Park, charge the film production company a labor fee on top of the license fee, to offset direct labor costs. She stated that the City doesn't allow use of its facilities for "porn" type movies, but otherwise doesn't get involved in content issues.

After further discussion, consensus of the Board was to move forward with creating the necessary boilerplate Location Agreement and Release, based upon those used by the City, and customized to AMAFCA's needs. The Board agreed that approval of filmmakers' requests would be up to the Executive Engineer, with out-of-the-ordinary requests brought to the Board for direction, at his discretion. A resolution would be written to set the fee structure, similar to Resolution 2006-8, *Reimbursement of AMAFCA Goods and Services*. Fees would compensate for facility use, and for the costs of the coordinating employees' time and lost productivity.

Staff was directed to issue the appropriate licenses and agreements to allow filming of "Game," consistent with other licensing agreements issued by the Executive Engineer.

Mr. Kelly stated that the location license agreement for "Game" would be a prototype license agreement for future films. The proposed license agreement will come before the Board for approval and a draft fee resolution will be reviewed by the Board at the November meeting. After the resolution is adopted, the fee schedule in the resolution could be reviewed periodically, as is the fee schedule in the resolution for document fees. In response to input from Director Lyon, he confirmed that the AMAFCA agreements would be based on the agreements used by the City.

15. Albuquerque West Levee – Consideration of Cost Sharing Agreement Among AMAFCA, Bernalillo County, and the Middle Rio Grande Conservancy District for Reconstruction of Levee

The memo from Mr. Kelly stated that Mr. Lovato had given the Board a detailed briefing on the Albuquerque West Levee at the September 25, 2007 Board meeting. Since that meeting, the Middle Rio Grande Conservancy District (MRGCD) and the Corps of Engineers (COE) had entered into an agreement for design and construction assistance for the project, making the project eligible for Section 593 reimbursement from the federal government.

The memo stated the consensus of the Board at the September meeting was for AMAFCA to contribute \$1,000,000 towards reconstruction of the Albuquerque West Levee. A funding agreement was negotiated, similar to the agreements with the City of Albuquerque for the Tingley Park Surge Pond and the A.Q. Pond. The memo added that the agreement had been reviewed by legal counsel for all three parties (MRGCD, Bernalillo County, and AMAFCA). A budget adjustment will be made to either fund this project from the Construction Fund or the Contingency Fund, at the Board's discretion.



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Director Eichenberg made a motion that the Board approve the Albuquerque West Levee Agreement with the MRGCD and the County, with the AMAFCA funding at a lump sum of \$1,000,000, and authorize the Chairman to execute the agreement on behalf of AMAFCA. Director Saiers seconded the motion.

Mr. Kelly introduced Subhas Shah, Chief Engineer, and Ray Gomez, Assistant Engineer, both of the Middle Rio Grande Conservancy District, and Roger Paul, of Bernalillo County Public Works. Mr. Kelly stated that the agreement would come before the Bernalillo County Council for approval on November 7, and the MRGCD would vote on it on November 12, 2007. He stated it had been reviewed by legal counsel and staff, and recommended approval of the agreement.

In response to a comment from Director Lyon that the estimated date of 2011 for the Section 593 refund was listed in the Board memo but not in the agreement, Chairman Hernandez stated the agreement was with the MRGCD and Bernalillo County, not with the Corps of Engineers, so a date could not be stated in the agreement. Director Lyon noted that AMAFCA was assisting in the funding of this project so that it may be done quickly, even though the levee is an MRGCD responsibility, because AMAFCA constituents are affected.

The motion passed unanimously (5-0).

Mr. Shah thanked the Board, stating he fully expected to get Section 593 funding for this project. Mr. Paul also thanked the Board, stating that a lot of people in the South Valley will benefit from this project.

16. Multi-Use Planning at Piedras Marcadas Detention Dam – Briefing by City of Albuquerque Department of Municipal Development

Mr. Kelly stated that the City of Albuquerque has been working on a park design for the Piedras Marcadas Detention Dam for the last few years.

He introduced Colleen Frenz, Division Manager for the Park Design and Construction Division of the City of Albuquerque's Department of Municipal Development. Ms. Frenz briefed the Board on current plans for Phase I of the multi-use improvements to the Piedras Marcadas Detention Dam, and asked for the Board's input.

Ms. Frenz stated Phase I of the park plan included the two play areas for preschool and elementary aged children. These will be built outside of the emergency spillway area. Additional studies will need to be done to address concerns of the New Mexico Office of the State Engineer. The Phase I park plan will be presented to the public after the City has obtained



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approval and the necessary agreements from the AMAFCA Board, but nearby residents are aware of the City's plans and have requested a park be built. She stated that the project is fully funded, and the City is ready to proceed when the necessary agreements are in place.

Consensus of the Board was support of the project as presented. Mr. Kelly stated that the appropriate license agreement would be brought before the Board for their approval at the November 15, 2007 meeting. A separate agreement will be drafted to cover the expenses of the emergency spillway impact studies the City needs. The results of the studies will be used as a part of the inundation mapping required by the Office of the State Engineer. This agreement is expected within two to three months.

In response to a question from Director Saiers about upstream projects which may affect the Piedras Marcadas, Mr. Kelly stated the Las Ventanas Dam and outfall to the Calabacillas Arroyo, and the Lyon Storm Drain were the two planned diversions of water in the master plan for the Piedras Marcadas Watershed. The permanent watershed for the Piedras Marcadas Dam has now been established, so the timing is right for the inundation mapping work to be done. It holds the 100 year event, but the Office of the State Engineer is also interested in Probable Maximum Flow through the Emergency Spillway.

Responding to another question, Mr. Kelly stated he had never seen the dam filled to capacity. A storm filled it to approximately 8 feet (about 15-20% of capacity) in the late 1980s. There is a pipe that empties the Piedras Marcadas Dam, running to the Corrales Main Canal, and from there flow goes to the Rio Grande.

17. Legislative Liaison Services

a. Consideration of First Extension of Agreement with New Mexico Outsourcing, Inc.

Mr. Kelly introduced Maurice and Mary Hobson, of New Mexico Outsourcing, AMAFCA's Legislative Liaison, and stated that New Mexico Outsourcing was selected via an RFP last year, and the resulting one-year agreement allowed for the normal three one-year renewal options. This would be the first extension of that agreement. The proposed agreement had been reviewed by legal counsel, and the Hobsons had submitted a signed Campaign Contribution Disclosure form.

Mr. Kelly stated that the Hobsons had requested an increase of \$3,000, to \$18,000 in total compensation, to cover increased expenses during the legislative session, and another item of \$65/hour for pre-session and interim committee work, with a cap of \$5,000 on the hourly work. He added that staff considered the proposed fees reasonable.



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Director Eichenberg made a motion that the Board approve the Agreement with New Mexico Outsourcing for legislative liaison services for the 2008 Legislative session, including the requested fee increase, and authorize the Chair to execute the agreement. Director Brown seconded the motion.

Discussion followed. In response to a question from Director Lyon about the fee increase, Mr. Hobson stated that lodging costs in Santa Fe in the last two years have increased by about \$25-30/day, software costs are up \$2500, and other costs in Santa Fe have also increased astronomically.

Responding to a question from Director Saiers, Mr. Hobson stated that the 2008 Legislative Session would primarily deal with taxes and the budget. There would probably not be anything directly related to flood control, but there may be discussions of new taxes, some of which may affect AMAFCA. Someone needs to be there in order to protect AMAFCA's interests.

In response to a comment from Director Saiers about small capital improvement projects for which state funding might be sought, Chairman Hernandez stated that Bernalillo County might be asking for money for the Albuquerque West Levee, but the money would not be coming to AMAFCA. He stated that as far as he knew, AMAFCA had never asked the legislature for money, as AMAFCA has its own taxing authority and lives within that budget.

Director Saiers stated it may be helpful to have something in writing that would clarify AMAFCA's relationship with the City in terms of flood control improvements in the Martineztown/Barelas/Downtown areas, in case those questions came up during capital outlay discussions, to help eliminate confusion about AMAFCA's involvement.

The motion passed unanimously (5-0).

b. Briefing on Meetings of Interim Committees

Mr. and Mrs. Hobson briefed the Board on the meetings of the Legislature's Interim Committees.

Mr. Hobson thanked the Board for extending their contract, stating that New Mexico Outsourcing would continue to work very hard for AMAFCA.

He then discussed pending legislation in interim committees, which included the committee involved in taxes, the Finance Authority, and the Water and Natural Resources committee.

He stated the Office of the State Engineer had made progress solving water rights disputes in the state. There are public concerns that the Office of the State Engineer has a quasi-judicial



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role in the administration, so the Legislative Finance Committee wrote a letter to the Administrative Office of the Courts requesting an opinion on the legal basis for this. Mr. Hobson stated he would like AMAFCA to get a copy of the reply memo from the Administrative Office of the Courts.

Mr. Hobson summarized the memo, saying it concluded that the legislature could change the Office of the State Engineer's quasi-judicial/administrative status, but because of previous cases, they suggested this not be changed. They suggested that an ombudsman program be funded to help people who have problems with water rights, and to educate citizens so they understand the OSE's rules. Comparisons were made with how Idaho, Montana, and Colorado handle water rights.

He stated two interesting projects are being funded by the legislature this year. One is a water project that takes water from the Canadian River Reservoir, and pipes it down the east side of the state. The pipeline will provide drinking water for a number of communities and facilities in that area for a total cost of \$436 million. It will take 2-3 years to build. The underlying aquifer under eastern New Mexico and Texas is down to the last 25 feet of water in some places, decreasing at a rate of 3 feet a year. The proposed pipeline will keep Hobbs, Portales, Clovis, and other towns in the area alive. The federal government will fund 75% of the project, 10% of the funding will be local match, and 15% of the funding will be done by the State.

Mr. Hobson stated another, smaller, project will treat wastewater in Ruidoso. The Ruidoso sewage treatment plant is right next to the Ruidoso River. The Environment Department is requesting virtually no nitrates in the water in order to keep algae from growing and clogging the river, which makes irrigation downstream and trout fishing very difficult. The new environmental controls on the effluent coming from that plant will go down to 10 ppm on phosphorus, and 1 ppm on nitrates. Traditional methods of sewage treatment only remove nitrates down to 3 ppm, so alternative methods will need to be explored. \$35-40 million will be requested from the legislature to build the new sewage treatment plant.

He added that the State's capital outlay budget will be tight this year, approximately \$400-500 million as opposed to last year's \$830 million. AMAFCA will need to be diligent to be certain that AMAFCA's property tax isn't raided to supplement the state's capital outlay budget. The State's operating budget will be approximately \$6 billion.

18. Real Estate

a. Notice of Issuance of Recreational License

Mr. Hines notified the Board that a recreational license had been issued for a high school cross country race near the Powerline Channel north of Central.



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

Mr. Wagener started the field highlights by showing a video of the North Pino flowing at near-10-year capacity through the Journal Center in late August.

He also presented a slide show of current projects from September and October. The Osuna Storm Drain, a City project that AMAFCA helped fund, is proceeding ahead of schedule. Other miscellaneous projects included some work at the Balloon Fiesta Park.

He then commented on photos of the City's Embudo Trail project, and the Calabacillas Arroyo Bank Stabilization project next to Costco. The slope protection work at the Costco site has been completed and the slope hydro-seeded.

Director Brown suggested that AMAFCA consider, for future drop structures, doubling the number of structures and decreasing the height of each by about half, which may reduce the amount of concrete used (or at the very least not use more), and would make the arroyo easier to traverse. After brief discussion, Mr. Wagener stated that some calculations could be done to see if this would be cost-effective, adding that an alternative might be to put a concrete ramp around the structure for use by maintenance vehicles and horses, although the main recreational trail for pedestrian use will be at the top of the arroyo.

Mr. Wagener also had photos of the Water Quality project on the upstream side of the Black Dam, the Sevilla subdivision's tie-in to the box extension at Coors, and photos of the University of New Mexico installing electrical conduit next to the North Diversion Channel. UNM also did some work to install a vertical access shaft on the old box culvert near the UNM Hospital.

The crew used a new epoxy-modified patch material as a test to repair spalling on parts of the AMAFCA portion of the Hahn Arroyo. This will be compared to conventional patches and other test patches to see if the epoxy results in better repairs.

The crew also cleaned and extended drains on the North Diversion Channel, cleaned the Pino Water Quality facility, and cleaned up brush at Pond 187 near Rio Grande High School. The new Rough Haul End Dump Trailer, approved by the Board earlier this year, had been put into use hauling rock. A developer is giving AMAFCA approximately 2,000 cubic yards of rip rap material, which will be hauled in the new trailer. The crew also cleaned up the Bear Canyon Arroyo.



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He also had pictures of explosion demonstrations for the movie "Game." Very small charges were set off in a warehouse, producing impressive fake explosions with no damage afterwards. The materials used were all biodegradable, such as peat moss and crushed walnut shells.

A final photo showed a completed section of the Albuquerque Bernalillo County Water Utility Authority Raw Water Project, with the "Frito Lay" tree spared.

20. Unfinished Business

None.

21. New Business

Director Saiers commented she'd heard that Dan Hogan would be retiring from the City. Mr. Kelly confirmed that Mr. Hogan is retiring at the end of the year. Brad Bingham of the City of Albuquerque also confirmed that Wilfred Gallegos, Transportation Division Manager, would fill in by working both jobs until a replacement Drainage Division Manager is hired.

Director Eichenberg reported that the Pueblo of Laguna and the University of New Mexico were added as new members of the Mid-Region Council of Governments.

22. Items from the Floor/Public Comment

None.

23. Adjourn

With no further business to discuss, Chairman Hernandez adjourned the meeting at 1:58 p.m.

Tim Eichenberg, Secretary-Treasurer 11/15/07

Recorded by Pam Woodruff, Secretary to the Executive Engineer