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Arroyo Flood Control Authority
Regular Meeting Minutes
September 25, 2014**

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1. Call to Order and Roll Call

Chairman Brown called the Regular Board Meeting to order at 10:02 a.m. Thursday, September 25, 2014. Roll was noted as follows:

Directors present:	Chairman Ronald D. Brown Director Tim Eichenberg Director Danny Hernandez Director Bruce M. Thomson
Directors excused:	Director Daniel F. Lyon
Attorney present:	Attorney Vanessa Chavez, Robles, Rael & Anaya
Others present:	Jerry M. Lovato, P.E., Executive Engineer Staff Other attendees on file at AMAFCA

A quorum was present.

Chairman Brown mentioned that Mr. Elvidio Diniz, P.E., a very good friend to the engineering community, our community at large, and a great resource to AMAFCA passed away recently. He expressed the sorrow of the Board to the family and friends of Mr. Diniz.

2. Approval of Agenda

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

3. Meetings Scheduled

- a. **October 23, 10:00 a.m. – Regular Meeting**
- b. **November 20, 2014, 10:00 a.m. – Regular Meeting**
- c. **December 18, 2014, 10:00 a.m. – Regular Meeting and Holiday Luncheon**

No changes were made to the meeting schedule as presented.

4. Items from the Floor/Public Comment

No one had signed up for Public Comment. However, Mr. Paul Smith, Executive Director of the Albuquerque International Balloon Fiesta, was present. He thanked the Board for all their help in



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keeping the area up and running. Director Thomson asked how many hot air balloons would be involved. Mr. Smith replied that the cap is 550 balloons and that is what is expected. Director Thomson mentioned that the I-25 corridor is up and running. Mr. Smith responded that it is better than expected; however, he opined it is not as good as hoped. Alameda will be open and have more access than before. Director Hernandez stated that the NDC bike trail would get you right into the Balloon Fiesta grounds.

5. Approval of Minutes

a. August 28, 2014 Regular Meeting

Director Hernandez made a motion to approve the minutes of the August 28, 2014 Regular Board Meeting. Director Eichenberg seconded the motion, which passed (4-0).

Director Hernandez wanted the record to reflect that there were some typos in the minutes, and while nothing substantial, they need to be looked at more thoroughly.

6. Financial Matters

a. Approval of August 2014 Expenditures

Ms. Irene Jeffries, AMAFCA Finance and Administration Manager, presented the August 2014 Expenditures.

Director Thomson asked about the payment of check #19404 to the City of Albuquerque for the Annual Air Quality Permit. Mr. Lovato advised that this is for the programmatic permit for dust control. It is maxed at \$10,000.00 per year, and Mr. Troutman, AMAFCA GIS Manager, has been able to keep the cost down over the years. However, with the increase of facilities the cost is bound to go up in time. AMAFCA is minimizing the cost as much as possible. Referring to a check made out to Easterling Consultants Director Thomson asked about the status of the AHYMO study. Mr. Lovato advised that the study is done. However, there were a few questions on the report from the City of Albuquerque and the technical advisory committee. Mr. Lovato advised the report should be presented to the Board in about 60 to 90 days. Chairman Brown asked that the next Board meeting include an agenda item to give an overview on how things are progressing and the differences that are being addressed, etc. Director Hernandez asked that it be in layman terms.

Director Thomson asked about three checks made out to the Federal Emergency Management Agency (FEMA) for \$5,300.00 each. Mr. Lovato advised they are for review fees for each Letter of Map Revision (LOMR) and/or Conditional Letter of Map Revision (CLOMR) submitted to FEMA. Two of the checks are being held until the signature of the Floodplain Manager at the City is obtained to complete the submittal package. Director Thomson made a motion to approve the



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August 2014 Expenditure Report. Director Hernandez seconded the motion, which passed (4-0), on a roll count vote.

b. Bank Reconciliation Fiscal Agent Funds

There were no questions, and no Board action was required.

c. Investment Report for August 2014

There were no questions, and no Board action was required.

d. Financial Position Recap August 16, 2014 through September 15, 2014 & Forecast September 16, 2014 through October 15, 2014

Responding to a question from Director Thomson regarding the difference in the Operating actual and the Forecast, Ms. Jeffries advised that there were five pay periods and benefit vouchers from the City of Albuquerque that were included in the forecast, but had not come in. Responding to a question regarding the Construction Fund and what the difference was, Ms. Jeffries stated that some pay estimates that did not come in as high as expected. The forecast for the next period included \$1M for Goff Road, \$300,000.00 for the Avenida Cesar Chavez Grate structure, as well as various engineering pay estimates.

Director Eichenberg asked about the policy of checks written to FEMA not being released. Mr. Lovato responded that the checks were for a LOMR for the Mirehaven Arroyo and I-40 Project. The LOMR is ready to be sent to FEMA, but AMAFCA is awaiting the signature of the floodplain manager to complete the submittal package.

Director Hernandez made a motion that the Board approve the Financial Forecast. Director Thomson seconded the motion, which passed (4-0), on a roll call vote.

7. Legal

a. Status Report

Attorney Vanessa Chavez stated that the memo on 7a pertained to various legal matters. There were no questions from the Board.

8. Executive Engineer's Report

a. Notification of Past Month's Activities



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Mr. Lovato highlighted significant activities of the past month:

- **AMAFCA Crew** – The crew has taken care of weed and debris removal in rights-of-way and easements. With the wet weather this year there has been an abnormal amount of weeds. The crew is working diligently to keep up with the heavy level of weed complaints. Director Hernandez asked if that meant that the snowman would be bigger this year. Mr. Lovato responded that there are areas that the crew is not cutting, but cannot say it will be bigger this year.
- **City of Albuquerque (COA) – Marble Arno Pond:** The COA has requested that AMAFCA draft an outline for a cost share agreement that would fund the design and construction of the Marble Arno Pond. Funding for the project is not secured at this time, but COA is looking at federal funding sources. Chairman Brown mentioned that he met with the Sandia Foundation. He did not get a commitment from them, but he did stress AMAFCA's situation and reiterated the need to eliminate the pond at Lomas and Broadway. Discussion took place regarding other property in the area owned by the Sandia Foundation that would benefit from this remedy.
- **US Environmental Protection Agency – MS4 Watershed Based Permit:** AMAFCA is still waiting on the new permit. Work is currently being done on the 2013-2014 annual report.
- **AMAFCA**

Storm Water Quality Engineer: Ms. Karen Stearns resigned her position at AMAFCA effective September 23, 2014. Karen completed the overhaul of the AMAFCA MS4 program. She also drafted the Storm Water Management Plan that will be used for the new watershed based permit. The position is currently being advertised.

Finance and Administration Manager: Ms. Irene Jeffries has submitted her letter of retirement effective December 2015. Irene's last physical day at AMAFCA will be April 3, 2015. The position will be advertised next month. It is hoped that the position will be filled by January 2015, which will allow an overlap and training opportunities. It will require AMAFCA to draft a Resolution to create a temporary position so that Irene can be transitioned out of the Finance and Administration Manager position. This has been identified in the Contingency fund and will fund the temporary position for about six months.



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- **Public Outreach**

EXPO New Mexico Parade: AMAFCA participated in the 2014 EXPO New Mexico Parade that was held on September 13. It was estimated that over 75,000 people attended.

Twinkle Light Parade: AMAFCA is making plans to participate in the parade again this year.

Director Thomson inquired on the status of the land acquisition on the north side of AMAFCA. Mr. Lovato responded that the Applebee's owner does not appear to be interested to part with the property at this point. AMAFCA is working with the hotel next door who appears to be very eager for a discussion. There has been a lot of suspicious activity in the Applebee's parking lot and the hotel is having a lot of vehicle break-ins and hotel theft. The Albuquerque Police Department recently set up a surveillance unit in the parking lot of the hotel. Another group of homeless individuals have set up camp right under the 1-40 bridge.

- b. Notification of On-Call Services Task Orders**

Mr. Lovato referred to his memo for the task orders that had been issued the prior month as described in his memo, and gave further information to the Board.

Chairman Brown asked if Task #11 with CDM Smith is a continuation of work done. Mr. Lovato advised that it is not a continuation; the task is following up on a report done in 2005. This task is for a Rio Grande Bacteria (E. coli) Investigation. Director Thomson pointed out that E.coli in the river can be considered a natural occurrence. He stated that he would be interested in seeing what the justification is for the E.coli standard.

- 9. AMAFCA Telemetry Project Phase 1 – Authorization to Advertise Request for Proposals for Design and Construction Management Services**

Mr. Kevin Troutman, AMAFCA GIS Manager, advised that the project is for telemetry in the five gated dams: Amole, McCoy, Don Felipe, Raymac, and Piedras Marcadas. In 2013, Amole Dam filled to a depth that covered the ported outlet structure. During the overnight period, it was difficult to monitor the volume in Amole or any other dam. As of now, the only way for AMAFCA to observe the volume of water stored in the dams is to send staff to observe each one.

Staff has been planning to develop a telemetry system for two years. The plan is to utilize the same technology used in intelligent transportation systems and adapt it to the flood control system. Phase 1 of the project would be to develop the base infrastructure for future sensors, install water depth measuring sensors on the gated facilities and at least two channel locations, replace the time-lapse cameras with live video systems, and install rainfall-monitoring equipment at these



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locations. Rainfall monitoring will be done in a way that allows the data to be used by the National Weather Service to augment the mixture of cooperative and private rain monitoring sources.

Director Hernandez mentioned that he had noticed that there is a hardware component, but no software. Mr. Troutman responded that was true, the project is for the Design and Construction Management Services, as part of the design, software will be developed. Phase I will include the replacement of the two time lapse cameras with live video feeds, flow monitors, and include a rainfall mechanism. Director Thomson asked if this will be web accessible. Mr. Troutman responded, yes.

Director Hernandez asked if any states are doing this already. Mr. Lovato advised that Mariposa County, Arizona is doing monitoring; however, the total cost at this time is about \$7M for the entire system. AMAFCA is working to with a smaller budget, hence the phased approach. Mr. Troutman stated that information gathered by the new system will help with reporting to the Environment Protection Agency (EPA).

Director Thomson opined that if information is posted on the AMAFCA website that flow data would be acceptable, however Sonde data should not be listed. Mr. Troutman agreed and advised that Sonde data would not be listed. The project is budgeted for \$500,000.00. He stated that Denver and California post real time data. Chairman Brown asked how the project will be advertised. Mr. Troutman stated it will be in the Albuquerque Journal and on the AMAFCA website. The advertisement will also run for a longer period than usual. Mr. Lovato advised that he could easily contact the three states around New Mexico. Director Thomson stated that the consultants have a way of getting the word out as well.

Staff recommended that the Board authorize the Executive Engineer to advertise Request for Proposals (RFP) for the design and construction management services for the AMAFCA Telemetry Project Phase 1.

Director Hernandez made a motion that the Board authorize the Executive Engineer to advertise Request for Proposals for the design and construction management services for the AMAFCA Telemetry Project Phase 1. Director Thomson seconded the motion, which passed (4-0).

10. Ditch Safety Education and Outreach Coordinator – Consideration of the SAC

Mr. Jeffrey S. Willis, AMAFCA Real Estate Manager, advised that the Proposals for the Ditch Safety Coordinator Services were received at the AMAFCA office on September 16, 2014. The RFP was advertised in the Albuquerque Journal and posted on AMAFCA's website.



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Three firms picked up the scope of services. One proposal, from Griffin & Associates, was submitted. Director Thomson asked if staff was concerned that only one agency submitted a proposal. Mr. Willis stated that there were several committee members that reached out to the community, but there was no interest. The contract amount is small and Griffin & Associates are already set up for the project so they are able to keep costs to a minimum therefore there was no immediate concern.

The Selection Advisory Committee met on Wednesday, September 17, 2014 and found the proposal to be responsive. The proposal was reviewed and scored at 92.75%. Total estimated cost of the services is not to exceed \$35,300.00, plus New Mexico gross receipts tax. The Selection Advisory Committee's recommendation is to award the contract to Griffin & Associates.

Staff recommended that the Board approve the SAC's recommendation to award the contract to Griffin & Associates, and authorize AMAFCA's Executive Engineer to negotiate an agreement for Ditch Safety Coordinator Services with Griffin & Associates. Mr. Willis advised that the negotiated agreement will be presented for Board consideration at the October 23, 2014 Board Meeting.

Director Thomson made a motion that the Board accept the SAC's recommendation and authorize the Executive Engineer to negotiate the agreement for Ditch Safety Coordinator Services with Griffin & Associates. Director Hernandez seconded the motion, which passed (4-0).

11. Private Drainage License for Kinesio Headquarters in Journal Center Phase 2

Between her memo and her presentation, Ms. Lynn Mazur, AMAFCA Development Review Engineer, advised of the following:

The Kinesio USA Company is consolidating their corporate and manufacturing properties. Kinesio produces therapeutic tape used by athletes around the world. They are located at the Journal Center in the north east part of town. They plan to develop Lot 1 of Journal Center Phase 2, which is adjacent to the North Pino Channel. AMAFCA owns the fee right-of-way interest on the channel.

Most of the site will drain to a water quality pond on the east side and discharge through a pipe and surface rundown to the North Pino side collection channel. A portion of the west side will drain through riprap and a debris screen to a small concrete rundown connection to the side channel. The debris screen has been used on other lots in Journal Center Phase 2 since 2000 and has worked well. The total 100-year discharge from the site will be 5 cfs.



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Staff has reviewed and approved the plan prepared by Wooten Engineering. Since the pipe will not convey any public water, the owner will be responsible for maintaining the site, including the drainage facilities within AMAFCA's right-of-way.

Staff recommended that the Board authorize the Executive Engineer to issue the Private License Agreement for Drainage Connection to the North Pino Arroyo as related to the Kinesio Building.

Director Hernandez made a motion that the Board authorize the Executive Engineer to issue a Private License Agreement for Drainage Connection to the North Pino Arroyo as related to the Kinesio Building. Director Thomson seconded the motion, which passed (4-0).

12. AMAFCA Construction Projects

a. Authorization to Advertise for Calabacillas Grade Control Structure (GCS) 6a

Mr. Kurt Wagener, AMAFCA Field Engineer, advised that Alandren Etlantus with Bohannon Huston was present to answer any questions. The legal notice will run in the Albuquerque Journal on September 28, not October 28 as stated in the memo. The final plans and specifications for the Calabacillas Arroyo Grade Control Structure 6a and Bank Protection Project were being processed and the project is ready for bid. The project provides for the construction of a basalt boulder grade control structure and basalt boulder bank protection on the Calabacillas Arroyo near the Black Diversion Channel in Northwest Albuquerque. Mr. Wagener advised that with Board approval of the advertisement the plans will go to print the very next morning.

The current Engineer's Estimate of the cost of construction for the project is \$1,220,000.00, plus NMGR Tax.

Staff recommended that the Board authorize the Executive Engineer to advertise for construction bids for the Calabacillas Arroyo Grade Control Structure 6a and Bank Protection Project.

Director Hernandez made a motion that the Board authorize the Executive Engineer to advertise for construction bids for the Calabacillas Arroyo Grade Control Structure 6a and Bank Protection Project. Director Thomson seconded the motion, which passed (4-0).

b. Authorization to Advertise for NDC Outfall Modifications

Mr. Kurt Wagener, AMAFCA Field Engineer, advised that Mr. Brad Sumrall with Weston Solutions, Inc. was present to answer any questions. The final plans and specifications for the North Diversion Channel Outfall Grade Control Structures Modifications Project will soon be ready for bid. He stated that the plan sets are 65-95% complete. There is a meeting with the COE and Fish and Wildlife Service on October 1, 2014 to work out the remainder of the details.



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However, staff wanted to get authorization now since the November Board meeting is early due to the Thanksgiving Holiday. Director Hernandez asked for a timeline of the project. Mr. Wagener advised that it would be 150-180 days after start of construction.

There was further discussion regarding the plan sets being at 65-95% and the timing of the request.

Staff recommended that the Board authorize the Executive Engineer to advertise for construction bids for the North Diversion Channel Outfall Grade Control Structures Modifications Project.

Director Hernandez made a motion that the Board authorize the Executive Engineer to advertise for construction bids for the North Diversion Channel Outfall Grade Control Structures Modifications Project. Director Thomson seconded the motion. Directors Eichenberg and Hernandez voted no, Director Thomson and Chairman Brown voted yes. Motion did not pass (2-2).

The consensus of the Board was to present this item at the next Regular Board meeting or schedule a Special Board meeting.

c. Ecosystem Preservation and Landscaping – Consideration of Second and Final Extension of Contract with Mountain West GolfScapes, Inc.

Mr. Kurt Wagener, AMAFCA Field Engineer, stated that at the October 25, 2012 Board meeting, the Board approved the contract with Mountain West GolfScapes, Inc. for The Ecosystem Preservation and Landscaping Project. The Contract was extended for one year at the September 26, 2013 Board meeting. The Contract specifies that the term of the agreement can be extended until June 2015, with mutual agreement between AMAFCA and the Contractor.

Mountain West GolfScapes, Inc. agrees to extend the contract until June 2015 at the same unit prices with no increase. Subject to Board approval, this will be the final extension of the original contract.

Staff recommended that the Board authorize the Executive Engineer to extend the Ecosystem Preservation and Landscaping Contract with Mountain West GolfScapes, Inc. to June 12, 2015 with no increase in the unit prices in the contract.

Director Hernandez made a motion that the Board authorize the Executive Engineer to extend the Ecosystem Preservation and Landscaping Contract with Mountain West GolfScapes, Inc. to June 12, 2015 with no increase in the unit prices in the contract. Director Thomson seconded the motion, which passed (4-0).



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13. OSE Update

Mr. Lovato, Executive Engineer, advised that a meeting with the Office of the State Engineer (OSE) was postponed a couple weeks ago and was rescheduled for the upcoming week. Two issues are up for discussion: the Probable Maximum Precipitation (PMP) that is used in Albuquerque and the Extreme Precipitation Analysis Tool (EPAT). The OSE spent approximately \$475,000 on the development of EPAT, and AMAFCA has been asking for the update.

A few of AMAFCA's facilities will pass a full PMP event. A few of them will not meet the current standard today; therefore, some of AMAFCA facilities are out of compliance with the current the state statute for dam safety. It is AMAFCA's intent to identify those facilities and tell the OSE that if they do not meet the standard today, AMAFCA will still map the inundation and excavation areas downstream in accordance with original design documents. AMAFCA will notify the Emergency Managers. The state statute for dam safety was changed in 2005 by the State Legislature; therefore, facilities built after 2005 were built to the current state statute, facilities built before 2005 were not built to the current standard, this is where the concern lies.

The OSE wants AMAFCA to do a full analysis for the PMP for all facilities even though some facilities were designed for a smaller rain event. The average cost to perform a PMP analysis is in the range of \$150,000.00 to \$200,000.00 for each dam. Currently AMAFCA has 22 dams within its jurisdiction a 350 square mile area centered around the Albuquerque urban area. Mr. Lovato stated that AMAFCA would prefer to spend the money fixing problems as opposed to doing a full analysis of each dam, knowing that a few facilities were designed using a much smaller storm. He will provide an update at the next meeting. Mr. Lovato stressed that the OSE is working with AMAFCA and frank discussions are taking place.

There was a discussion pertaining to state statute and grandfathering actions. Director Eichenberg asked that AMAFCA's attorneys check into this issue. Ms. Chavez responded that they would look into it. Director Eichenberg also asked that the attorneys look into if the law is changed, will funding be provided.

The consensus of the Board was to present this item at the next Regular Board meeting or schedule a Special Board meeting.

14. Field Highlights

a. Construction Report

The memo from Mr. Kurt Wagener, AMAFCA Field Engineer, contained a summary of current construction projects. There were no questions.



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b. Field Report

Mr. Wagener gave a report of various projects and events over the past month, answering several questions from the Board during his presentation.

The slides opened with a picture of a Sandhill Crane taking a break at one of the AMAFCA facilities. The slide presentation covered some of the following: Progress at the Avenida Cesar Chavez Grate Replacement Project, the St. Martin's Hospitality Street Outreach staff and van seen picking up homeless individuals in the area, Calabacillas Grade Control Structure 1a pictures, various pictures of Ventana Ranch Park Phase II, SWVFDR Phase 11b – USACE Excavation of Pond 187, Lake View at Los Padillas Drain, Misc AMAFCA Construction Projects 2014 Los Padillas Spillway Diversion, AMAFCA crew work at La Cueva, Black Dam. fencing near north Camino, various pictures of the Mariposa Diversion Channel, Piedras Marcadas maintenance road, picture showing the NDC Water Quality Structure, a few cast in place storm drain pictures, various owl cam and Expo New Mexico Parade slides, and closed with a picture of the coyote at Swinburne Dam.

Director Thomson asked about the status of Boca Negra Dam. Mr. Lovato advised that a portion of the dam was not built to the lines and grades shown on the plans. AMAFCA has suspended the contract for a few months in which an engineering evaluation was conducted. Salls Brothers has been notified of remedial action that needs to be address in addition to modifications to the multiuse path requested by the City of Albuquerque. The contract suspension will end on September 29, 2014 and work will begin, it is hoped that all work will be completed in 30 days.

15. Real Estate

a. Consideration of Approval of Turnkey Agreement for Pino Arroyo Improvements as Related to Mechenbier Project by Pino Dam

Between her memo and her presentation, Ms. Lynn Mazur, AMAFCA Development Review Engineer, advised of the following:

A draft agreement was presented to the Board at the August meeting. The Board directed staff to proceed with the final draft. The following changes were made to the preliminary draft agreement:

1. Tract N-2, which is owned by Mr. John Mechenbier and will be part of the project, was added.
2. Dedication of right-of-way for the Pino Arroyo concrete box culvert (CBC) was changed to grant of easements. Mr. Mechenbier requested the change to make the property more marketable. Another easement will be granted to the limit of the PMP flood elevation.
3. The time limit to begin construction of the improvements before the agreement is invalid



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was extended from two years to four years.

4. The Quitclaim Deed will not be executed until a LOMR is received from FEMA and the easements have been granted to AMAFCA.

Mr. Mechenbier has no immediate development plans for Tracts N-2 and N-3-A. However, he wants to proceed with a CLOMR request to FEMA since the existing floodplain covers a good part of Tracts N-2 and N-3-A. A CLOMR does not remove floodplain but is often submitted before construction of a large drainage facility to get preliminary review and approval from FEMA.

Staff recommended that the Board approve the Agreement.

Director Thomson made a motion that the Board approve the Agreement and authorize the Chairman to execute the Turnkey Agreement for Pino Arroyo Improvements as related to the Mechenbier Project with Americus, LLC. Director Eichenberg seconded the motion, which passed (4-0).

b. Consideration of Approval of Turnkey Agreement for Tract 4 Improvements as Related to Team Radio Project by Piedras Marcadas Dam

Between her memo and her presentation, Ms. Lynn Mazur, AMAFCA Development Review Engineer, advised of the following:

At the August meeting, the Board instructed staff to proceed with a turnkey agreement for drainage improvements for a ponding area on Tract 4 at Piedras Marcadas Dam. Staff has met with the representative owner of Team Radio, Mr. Scott Grady, and his engineer, Mr. Doug Hughes of Mark Goodwin and Associates, and Bernalillo County (BernCo) representatives, Mr. Roger Paul and Mr. Don Briggs.

The discussion with BernCo staff centered on the requirements for work within BernCo right-of-way for Calle Norteña. The road serves residential lots and must provide access during frequent storm events; therefore, it will have to be raised next to Tract 4 and a pipe installed under the road to allow water to pass from the Team Radio site pond to the Tract 4 pond. The portion of the road that is raised will be returned to its current condition. Mr. Grady advised that he will contact Mr. Ben Ruiz, the adjacent property owner, before construction commences.

The terms of the turnkey agreement are summarized as follows:

- Mr. Grady (dba Gradys Branch, LLC as owner of the property) will build the drainage system as approved.



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- BernCo will allow work within the Calle Norteña right-of-way, which will include raising the road and installation of a pipe.
- AMAFCA will allow excavation on Tract 4 to provide additional stormwater storage volume and will maintain the pipe under the road and the roadway embankment.

Staff recommended that the Board approve the Agreement.

Director Thomson made a motion that the Board approve the Agreement and authorize the Chairman to execute the Turnkey Agreement for Tract 4 of Piedras Marcadas Dam Drainage Improvements as related to the Team Radio Project with Gradys Branch, LLC. Director Hernandez seconded the motion, which passed (4-0).

16. Tower Road and Storm Drain – Draft Funding Agreement

Mr. Bradley Bingham, AMAFCA Drainage Engineer, advised that the Agreement provides that AMAFCA and the City of Albuquerque will split the cost of construction evenly. BernCo will provide the design and construct the project in addition to providing design and construction management. BernCo will also submit a LOMR to FEMA upon completion of the project to remove floodplain on numerous residential lots.

Project design, management and the associated LOMR are estimated to cost \$300,000. The construction cost is estimated to be \$1,600,000, making a total cost of \$1,900,000 to complete the project. The current AMAFCA construction budget has identified \$800,000 for this cost share project.

The agreement is currently being reviewed by COA, BernCo, and AMAFCA attorneys.

Staff asked for review and received comments on the draft agreement for the Design, Construction and Management of Tower Road and Storm Drain between Stinson and Autumn View Street SW.

17. Unfinished Business

None.

18. New Business

None.



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19. Adjourn

There being no further business to come before the Board, Chairman Brown adjourned the meeting at 12:00 p.m.

Bruce M. Thomson, P.E., Secretary-Treasurer, 10/23/14

Recorded by Guylene Harris, Executive Administrative Assistant