



# AMA FCA

FY 2027 PROJECT SCHEDULE



# PREFACE

*Today, more than 675,000 people call the Albuquerque metropolitan area home. Through this year's Project Schedule, AMAFCA reaffirms its dedication to strengthening flood control and drainage infrastructure across our community. By making strategic, fiscally responsible investments, AMAFCA is working to safeguard future generations from the impacts of flooding while developing multi-use facilities that not only serve a critical public safety function but also enhance and complement the natural beauty of our city. Our commitment remains clear: protect our community today while building a resilient, vibrant Albuquerque for tomorrow*

**- Elizabeth Newlin Taylor, Chair, AMAFCA Board of Directors 2026**

# ACKNOWLEDGMENTS

This project schedule was developed with the assistance of the City of Albuquerque, Bernalillo County, New Mexico Department of Transportation, and the Middle Rio Grande Conservancy District.

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# BACKGROUND

The Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA) was created in 1963 by the New Mexico State Legislature to protect life and property through the design, construction, **operation, and maintenance of major flood control and stormwater quality facilities in the greater Albuquerque metropolitan area.** AMAFCA's jurisdiction includes most of the developed area of Bernalillo County, not including areas of the East Mountains and the Rio Puerco basin. **AMAFCA is governed by a five-member Board of Directors, elected to six-year terms. The five AMAFCA Districts are shown on page 10.**

Since its creation, AMAFCA has invested over \$260,000,000 in infrastructure that includes **21 flood control dams, 58 smaller flood-control ponds, 76 miles of arroyo channels, 15 miles of underground conduit structures, and 10 miles of dikes and diversion structures.** AMAFCA stormwater quality and debris-removal facilities annually collect an average of 50,000 cubic yards of sediment and 1,500 cubic yards of trash from stormwater runoff before entering the Rio Grande. In addition to building infrastructure, outreach and education is also an important part of AMAFCA's mission to protect life, property, and the environment. AMAFCA is an active member of the Ditch and Water Safety Task Force, the Levee Task Force, the Compliance Monitoring Cooperative, and the Stormwater Quality Team.

**AMAFCA owns or has easements on 4,000 acres of property used for flood control, much of which is made available for joint uses such as bike trails, recreational fields, equestrian areas, hang glider and hot-air balloon landing areas, open space, wildlife habitat, and golf courses.**

## PROJECT SCHEDULE PROCESS

The Project Schedule identifies future planning efforts, joint funding initiatives, design, and construction projects that AMAFCA hopes to accomplish over the next six fiscal years (FYs; July 1 to June 30 of each year). The projects selected for the FY 2027 Project Schedule were derived from an extensive review and analysis of approximately 400 different planned flood control and water quality projects within AMAFCA's jurisdiction. Each project was evaluated by assessing current and future needs and regulatory priorities. All of the projects identified strive to improve and protect stormwater quality. Projects in the FY 2027 Project Schedule were prioritized (as required by AMAFCA's Municipal Separate Storm Sewer System permit) relative to other stormwater quality facilities based on cost, existing Best Management Practices within the subbasin (effectiveness), and proximity to the Rio Grande. Recommendations for project inclusion in the FY 2027 Project Schedule were presented to the AMAFCA Board of Directors over a series of public meetings held in the winter of 2025 and spring of 2026. More than \$850,000,000 in proposed projects were vetted.



# AMAFCA FY 2027 PROJECT SCHEDULE

The FY 2027 Project Schedule covers a six-year planning horizon, from FY 2027 through FY 2032 and identifies approximately \$126,000,000 in potential AMAFCA funding for flood control, drainage management and stormwater quality projects within AMAFCA's jurisdiction. Project funding is best leveraged with other public and private funds to maximize the value to the community. The FY 2027 Project Schedule includes construction of the Corrales Main Canal & Piedras Marcadas Dam Outfall, the South Domingo Baca Diversion & Main Channel Reconstruction, and the Guac-Amole Dam. A continuation of studies and planning efforts, such as the North Albuquerque Acres - Sandia Heights Hydraulic Analyses, as well as updates to existing AMAFCA drainage master plans are included in the FY 2027 Project Schedule.

Although the Albuquerque metropolitan area only receives approximately 7 inches of rain per year, the resulting runoff carries large amounts of sediment, trash, and debris with it. AMAFCA continues to enhance the quality of stormwater runoff prior to entering the Rio Grande by the installation, retrofit, or modification of flood control facilities. Retrofits or modifications to existing facilities identified in the FY 2027 Project Schedule include the Black Arroyo Dam Inlet Modification, Pino Dam Improvements, AMAFCA Telemetry Phase 2, and other AMAFCA facilities.

This schedule is dependent on voter approval of \$25-35 Million Bond Authorizations at the general elections to be held in 2026, 2028, and 2030.



*Black Arroyo Dam*

The AMAFCA funding in this project schedule can be categorized as follows:

<b>Drainage Deficiencies in existing neighborhoods</b>	26%	\$40.0 M
<b>Rehabilitation of Existing Flood Control Facilities</b>	15%	\$23.3 M
<b>Master Planned Drainage Facilities</b>	57%	\$86.8 M
<b>Storm Water Quality Projects (retrofits and new projects)</b>	2%	\$2.7 M

AMAFCA-managed projects (lead) account for just under 80% of the projects listed. The Project Schedule includes projects to be managed by other agencies with AMAFCA funding:

LEAD AND CONTRACTING AGENCY	PERCENT OF TOTAL	TOTAL PROJECTS
<b>AMAFCA</b>	77%	21
<b>City of Albuquerque</b>	18%	4
<b>Bernalillo County</b>	4%	2

## BOND ELECTIONS

AMAFCA issues general obligation bonds (paid for by property taxes) for the purpose of extending, modifying, reconstructing, repairing and otherwise improving AMAFCA's flood control system. AMAFCA's bond elections currently request \$25-35 Million authorizations. The bond elections are held every two years, with the next two scheduled for November 2026 and 2028. All bond elections have passed since the inception of AMAFCA in 1963 with an average pass rate of more than two to one. It is AMAFCA's intention to maintain a stable mill levy to meet the debt service requirements. AMAFCA has held its debt service mill levy of 0.675 steady since 1999. AMAFCA utilizes an 8- to 10-year maturity for bonds. AMAFCA currently has a legal debt limit of \$120,000,000. Using current bond amortization schedules and projected schedules for future debt, AMAFCA does not anticipate exceeding \$100,000,000 of debt.

The corresponding charts on the following page show AMAFCA's mill levy history for the last ten years for residential, non-residential, and total tax rates as well as the history of total assessed valuation and growth/ (decline) from the previous year.



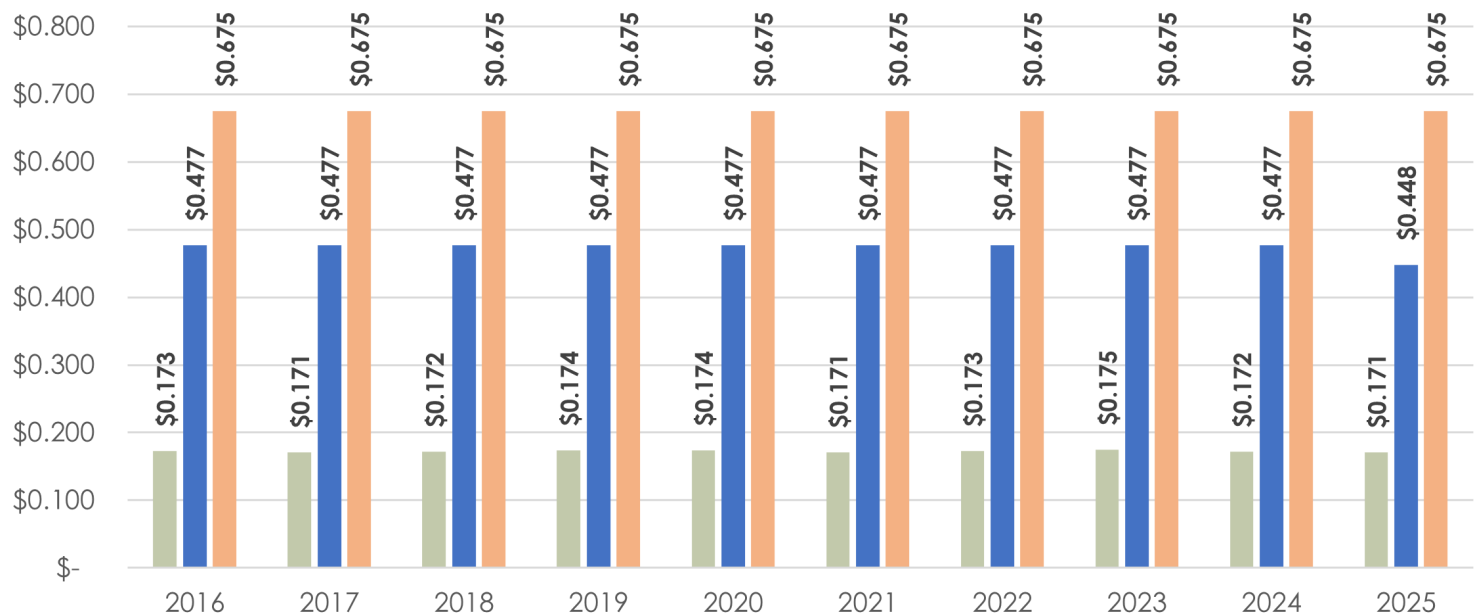


## HISTORY OF AMAFCA TAX RATES

Tax Year	Operational Tax Rates			Total Tax Rates	
	Residential	Non-Residential	Debt Service	Residential	Non-Residential
2016	0.173	0.477	0.675	0.848	1.152
2017	0.171	0.477	0.675	0.846	1.152
2018	0.172	0.477	0.675	0.847	1.152
2019	0.174	0.477	0.675	0.849	1.152
2020	0.174	0.477	0.675	0.849	1.152
2021	0.171	0.477	0.675	0.846	1.152
2022	0.173	0.477	0.675	0.848	1.152
2023	0.175	0.477	0.675	0.850	1.152
2024	0.172	0.477	0.675	0.847	1.152
2025	0.171	0.448	0.675	0.846	1.123

-Operational mill levy is capped at 0.5 mills by legislation

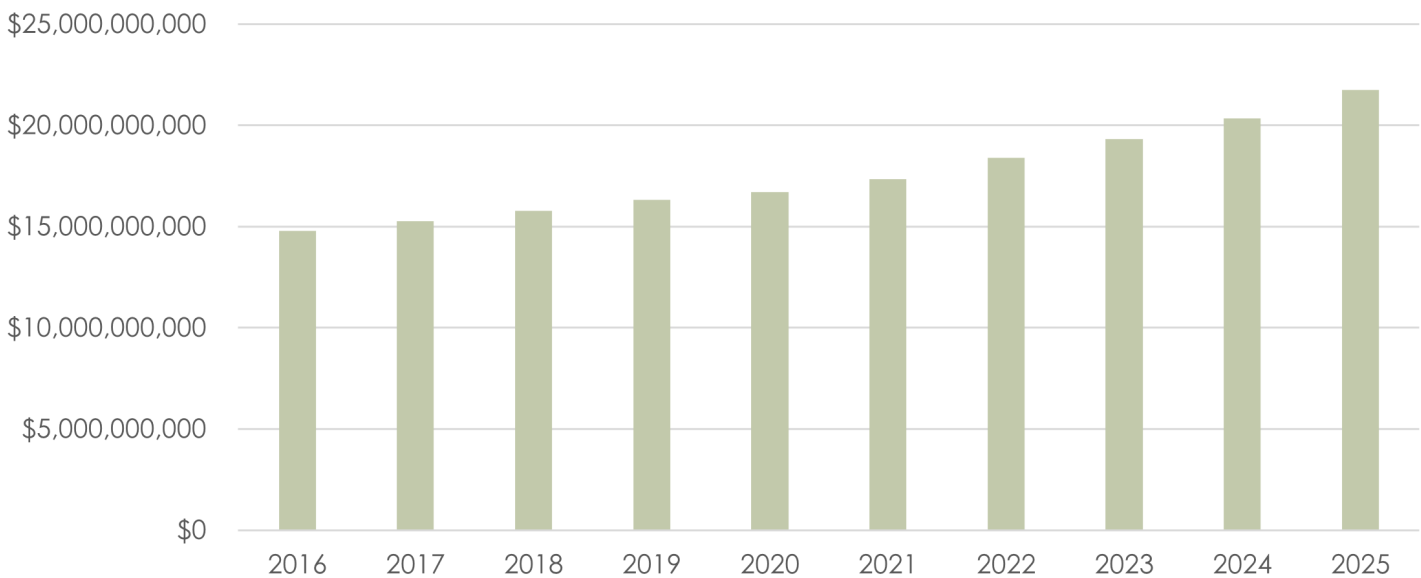
-No cap on debt service mill levy





## HISTORICAL ASSESSED VALUATIONS

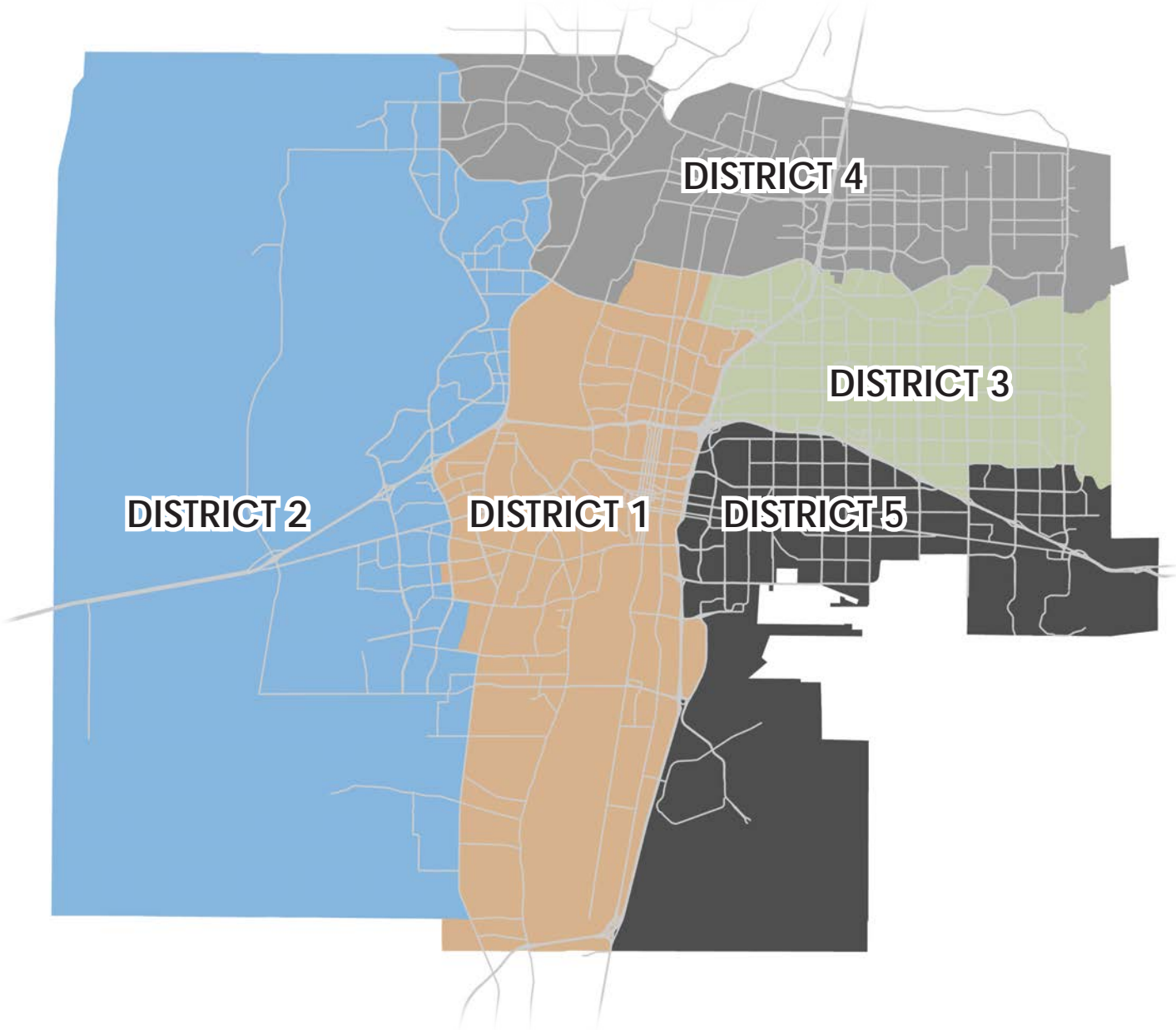
<b>Tax Year</b>	<b>Assessed Valuation</b>	<b>% Change From Previous Year</b>
2016	\$ 14,781,524,958	3.1%
2017	\$ 15,264,359,979	3.3%
2018	\$ 15,790,177,471	3.4%
2019	\$ 16,326,098,367	3.4%
2020	\$ 16,710,565,904	2.4%
2021	\$ 17,334,649,451	3.7%
2022	\$ 18,403,637,814	6.2%
2023	\$ 19,331,642,894	5.0%
2024	\$ 20,347,102,578	5.3%
2025	\$ 21,768,392,104	7.0%



All projects in this schedule will be designed and built using private sector services including appraisers, surveyors, consulting engineers, and construction contractors.



# DISTRICT MAP



## 2026 AMAFCA BOARD OF DIRECTORS & THEIR DISTRICTS

Elizabeth Newlin Taylor	District 1
Orlando G. Martinez, Jr.	District 2
Tim Eichenberg	District 3
Ronald R. Bohannan	District 4
Bruce M. Thomson	District 5





## GRANT FUNDING

The FY 2027 Project Schedule assumes that all AMAFCA's financial contributions to projects identified will be through the issuance of voter-approved general obligation bonds. There may be available grant opportunities for individual projects where funding is awarded through a competitive grant program at the federal or state level. Projects that are identified as potentially eligible for grant funding are noted with a black and blue symbol and were deemed eligible following the criteria below.

- Projects that aim to reduce or eliminate long-term risk to people and property from future disasters.
- Projects that are capability- and capacity-building activities which enhance the knowledge, skills and expertise of the current workforce to expand or improve the administration of mitigation assistance.

*This is strictly a planning and budgeting document for use by the AMAFCA Board of Directors.*

**This Project Schedule utilized various criteria to establish general project priorities from a technical perspective, which may not necessarily reflect the priorities used by the Board of Directors for funding and construction of individual projects. Specific projects will be funded and scheduled by AMAFCA Board action based on evaluation of public safety needs, cost-sharing benefits, and orderly development of flood control infrastructure which addresses overall community needs and regional planning requirements.**





# PROJECTS



*AMAFCA Stormwater Quality Van*



# AGENCY AND AREA-WIDE FLOOD CONTROL REHABILITATION



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68
POTENTIAL AMAFCA FUNDING	
2027	\$2,000,000
2028	\$2,000,000
2029	\$2,000,000
2030	\$2,000,000
2031	\$2,000,000
2032	\$2,000,000
<b>TOTAL</b>	<b>\$12,000,000</b>

**SPONSORS:**



**I TOTAL COST: \$12,000,000**



**DESCRIPTION**

AMAFCA is committed to properly maintaining the drainage and flood control infrastructure within its jurisdiction, much of which is now over 50 years old. To extend the life of the infrastructure, AMAFCA has started repairing, replacing, and rehabilitating various facilities.

Concrete degrades over time, accelerated by the constant trickle of water from various upstream sources. Maintenance repairs include patches, regrading, replacement of damaged sections of channel, or new overlay - a gentle slope across the bottom to force the trickle water to one side, further extending the lifespan of the concrete.

**OBJECTIVES:** Provide channel stability/ enhance bank protection, Provide/enhance facility maintenance

**STAKEHOLDERS:** COA, NMDOT, Other Governmental Agencies





# AMAFCA DAM EAPS & INUNDATION MAPPING



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68
POTENTIAL AMAFCA FUNDING	
2027	\$100,000
2028	\$100,000
2029	\$100,000
2030	\$100,000
2031	\$100,000
2032	\$100,000
<b>TOTAL</b>	<b>\$600,000</b>

**TOTAL COST:** \$600,000

**SPONSORS:**



## DESCRIPTION

An *Emergency Action Plan (EAP)* is a formal document that outlines the procedures to follow in the case of emergency conditions, such as natural disasters, structural problems, or equipment malfunctions at any of AMAFCA's dams. An up-to-date EAP is required by the Office of the State Engineer Bureau of Dam Safety to minimize property damage and loss of life as a result of unforeseen events. This project will include the development and preparation of an EAP and inundation maps for AMAFCA's jurisdictional dams. Inundation mapping will outline flood hazard boundaries associated with a dam failure to aid emergency responders' evacuation efforts.



**OBJECTIVES:** *Provide emergency planning and mapping.*

**STAKEHOLDERS:** *Emergency Managers, OSE-DSB*



# AMAFCA DRAINAGE MASTER PLAN UPDATES



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68

POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	\$250,000
2030	\$250,000
2031	\$250,000
2032	\$250,000
<b>TOTAL</b>	<b>\$1,000,000</b>

**SPONSORS:**



**I TOTAL COST: \$1,000,000**



## DESCRIPTION

AMAFCA has many existing Drainage and Water Quality Master Plans (DMPs) in place that outline the requirements for developed conditions and identify the needed regional drainage infrastructure to support such development. These DMPs must be updated periodically to reflect current conditions, to bring the hydrologic analysis to current standards of engineering practice, and to identify new or modify planned drainage infrastructure in the watershed.

**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Provide/enhance storm water quality

**STAKEHOLDERS:** COA, BC, MRGCD, Private Development





# AMAFCA TELEMETRY PHASE 2



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68
POTENTIAL AMAFCA FUNDING	
2027	\$250,000
2028	\$250,000
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$500,000</b>

**TOTAL COST:** \$500,000

**SPONSORS:**



## DESCRIPTION

The second phase of AMAFCA's flood control system telemetry project will provide automated data reporting for AMAFCA facilities with no existing telemetry system and upgrade AMAFCA's existing telemetry infrastructure. The installation of automated telemetry for AMAFCA facilities will be especially beneficial in the event of inclement weather, as it will enhance AMAFCA's ability to observe flood control system conditions remotely. This will allow for focused observation by AMAFCA staff concerning the amount and quality of water moving through the system. The telemetry project will report details about the depth of water at the location, possible environmental reporting such as rainfall rate, select water quality parameters, and may include video reporting.



**OBJECTIVES:** Provide early hazard warning,  
Provide/enhance facility maintenance,  
Provide/enhance storm water quality

**STAKEHOLDERS:** COA, BC, Emergency Managers



# AMAFCA AREA-WIDE SEDIMENT REMOVAL



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68
POTENTIAL AMAFCA FUNDING	
2027	\$100,000
2028	-
2029	\$100,000
2030	-
2031	\$100,000
2032	-
<b>TOTAL</b>	<b>\$300,000</b>

**SPONSORS:**



**I TOTAL COST: \$300,000**



## DESCRIPTION

Over time, sediment collects in AMAFCA drainage facilities. This is especially noticeable in those connected to natural, non-concrete lined arroyos. To ensure that dams and other facilities maintain their design capacity, part of AMAFCA's maintenance includes regularly removing sediment from affected areas throughout the jurisdiction.

**OBJECTIVES:** Provide/enhance facility maintenance,  
Provide/increase system/facility capacity,  
Provide/enhance storm water quality

**STAKEHOLDERS:** N/A





# BARR MAIN CANAL FLOOD CONTROL IMPROVEMENTS



DISTRICT	
AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	-
2031	\$540,000
2032	\$4,500,000
<b>TOTAL</b>	<b>\$5,040,000</b>

**TOTAL COST:** \$5,040,000

**SPONSORS:**



## DESCRIPTION

The Barr Main Canal currently conveys combined irrigation and stormwater drainage flows, which poses a maintenance and operation challenge. The goal of this project is to improve just over six thousand feet of the Barr Main Canal to separate the drainage, and irrigation flows into separate facilities. This will more effectively protect the region from flooding without disrupting irrigation operations and deliveries.



**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Provide/enhance storm water quality

**STAKEHOLDERS:** BC, MRGCD



# BLACK ARROYO DAM INLET MODIFICATION



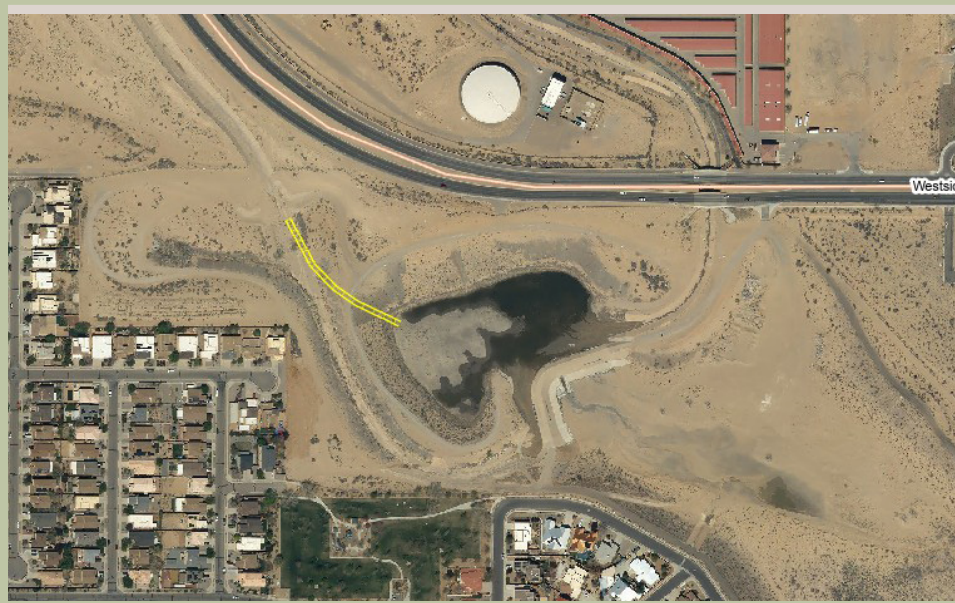
DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68

POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	\$250,000
2031	\$2,100,000
2032	-
<b>TOTAL</b>	<b>\$2,350,000</b>

**SPONSORS:**



**I TOTAL COST: \$2,350,000**



**DESCRIPTION**

The current configuration of the inlet into Black Arroyo Dam includes a sharp turn that leads to a concentrated accumulation of sediment on just one side of the water quality sediment basin. This negatively affects the performance of the facility, reducing the capacity of pipes connecting to the main basin of the dam. A reconfiguration to this inlet will create a better alignment of the channel into the basin and provide opportunities to increase scour protection within the dam. This will improve water quality downstream and reduce the amount of maintenance labor required to keep the system functioning properly.

**OBJECTIVES:** Provide channel stability/enhance bank protection, Provide/enhance facility maintenance, Provide/increase system/facility capacity

**STAKEHOLDERS:** SSCAFCA





# CALABACILLAS GCS 3A1, 3B1, AND BANK PROTECTION



DISTRICT	
AMAFCA	4
CITY COUNCIL	5
COUNTY COMMISSION	4
NM SENATE	12
NM HOUSE	68

POTENTIAL AMAFCA FUNDING	
2027	\$5,300,000
2028	\$2,681,000
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$7,981,000</b>



**TOTAL COST:** \$7,981,000

**SPONSORS:**



**FEMA**

## DESCRIPTION

The Calabacillas Arroyo is unique to the Albuquerque metropolitan area as it is maintained to preserve its natural aesthetic with engineered structures. To maintain and stabilize the natural channel, numerous grade control structures were constructed along the arroyo to allow development and provide flood protection. Calabacillas Grade Control Structures 3a1 and 3b1 were identified in the Calabacillas Arroyo Facility Plan as needed structures to provide additional vertical and lateral erosion control of the Calabacillas Arroyo. The additional bank protection will assist in lateral erosion control as well.



**OBJECTIVES:** Provide channel stability/enhance bank protection

**STAKEHOLDERS:** COA Open Space Division





DISTRICT	
AMAFCA	4
CITY COUNCIL	1, 5
COUNTY COMMISSION	1
NM SENATE	17
NM HOUSE	17

POTENTIAL AMAFCA FUNDING	
2027	\$700,000
2028	\$700,000
2029	\$5,675,000
2030	\$3,000,000
2031	-
2032	-
<b>TOTAL</b>	<b>\$10,075,000</b>

**SPONSORS:**



**I TOTAL COST: \$10,075,000**



## DESCRIPTION

The current AMAFCA gated dam outlet requires increased operational oversight during runoff events to ensure the gate is opened and closed as needed. Additionally, the MRGCD's Corrales Main Canal lining consists of 3-inch-thick shotcrete with no steel reinforcement. To address these challenges and support long-term flood control and irrigation needs, this project strives to develop a reliable, autonomous alternative to the existing connection between the two agencies' infrastructure. In addition to establishing this new connection, the project provides an opportunity to improve existing infrastructure for both organizations.

**OBJECTIVES:** Provide/enhance facility maintenance,  
Provide/increase system/facility capacity,  
Reduce drainage/flooding issues

**STAKEHOLDERS:** MRGCD





# DESERT & 2ND STREET POND



DISTRICT	
AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	\$200,000
2030	\$1,500,000
2031	-
2032	-
<b>TOTAL</b>	<b>\$1,700,000</b>

**TOTAL COST:** \$1,700,000

**SPONSORS:**



## DESCRIPTION

A detention pond near the intersection of Desert Road and 2nd Street will provide storage for stormwater that drains toward the railroad. Adding this relief will reduce the flowrate under the existing limited capacity railroad crossing to an acceptable level. Construction of this facility will also allow for stormwater quality treatment prior to discharging to downstream facilities.



**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Remove floodplain

**STAKEHOLDERS:** BC



# EMERGENCY ARROYO WARNING SYSTEM



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	10-22, 24-31, 44, 68
POTENTIAL AMAFCA FUNDING	
2027	\$20,000
2028	\$20,000
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$40,000</b>

**SPONSORS:**



**I TOTAL COST: \$100,000**



## DESCRIPTION

The City of Albuquerque is leading a project to install rain gauges and warning systems in the arroyos. The rain gauges will be placed upstream and will communicate with the downstream warning systems. This will alert people in and around select arroyos of approaching flood conditions, improving the overall safety of the system.

**OBJECTIVES:** Provide emergency planning and mapping,  
Provide early hazard warning

**STAKEHOLDERS:** Emergency Managers





# GIBSON-SAN MATEO REGIONAL DRAINAGE FACILITY



DISTRICT	
AMAFCA	5
CITY COUNCIL	6
COUNTY COMMISSION	3
NM SENATE	17
NM HOUSE	19
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	\$1,500,000
2031	\$1,500,000
2032	-
<b>TOTAL</b>	<b>\$3,000,000</b>

**TOTAL COST:** \$14,000,000 |

**SPONSORS:**



## DESCRIPTION

The City of Albuquerque plans to build a stormwater pond at the intersection of Eastern Ave & Alvarado Drive. Over six thousand feet of new storm drains will also be installed in the area to direct stormwater flow into the pond, improving street safety and reducing the flood risk of private property in the area. This will increase stormwater capacity in the region between San Mateo Blvd, San Pedro Dr, Gibson Ave, and Kathryn Ave.



**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Provide/enhance storm water quality,  
Remove mapped floodplain

**STAKEHOLDERS:** N/A



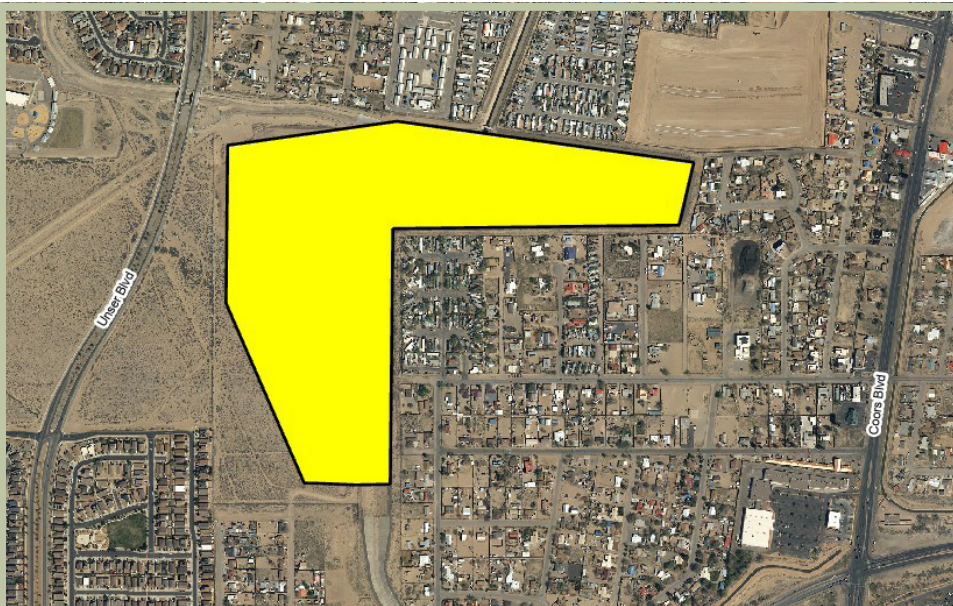


DISTRICT	
AMAFCA	2
CITY COUNCIL	3
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	12
POTENTIAL AMAFCA FUNDING	
2027	\$1,000,000
2028	\$6,725,000
2029	\$12,750,000
2030	\$6,725,000
2031	-
2032	-
<b>TOTAL</b>	<b>\$27,200,000</b>

**SPONSORS:**



**I TOTAL COST: \$28,200,000**



**DESCRIPTION**

The Amole-Hubbell drainage system does not have the current capacity for a fully developed upstream watershed. This project extends the existing Amole Detention Basin to the west, towards Unser Blvd (into the site referred to as "Guac"). The new Guac-Amole Dam will detain stormwater, improving the performance of the Amole del Norte Channel and the Amole Arroyo. It will also decrease peak flows to Hubbell Dam, decreasing the overall flood risk in the area.

**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Provide/enhance storm water quality

**STAKEHOLDERS:** OSE-DSB





# INDUSTRY WAY STORM DRAIN



DISTRICT	
AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10
POTENTIAL AMAFCA FUNDING	
2027	TBD - In coordination with Desert & 2nd Street Pond
2028	
2029	
2030	
2031	
2032	
<b>TOTAL</b>	<b>-</b>

**TOTAL COST:** \$6,275,000 |

**SPONSORS:**



## DESCRIPTION

A storm drain will be constructed in Industry Way from Broadway Blvd to Desert Rd to collect runoff to the future Desert & 2nd Street Pond. The storm drain and roadway improvements will provide flooding relief for properties along Industry Way and allow for the removal of floodplain in the area. This project is a critical improvement and a direct inflow into the AMAFCA Desert & 2nd Street Pond project.



**OBJECTIVES:** Reduce drainage/flooding issues,  
Remove floodplain,  
Provide/enhance storm water quality

**STAKEHOLDERS:** N/A



# LOMA HERMOSA / GLENRIO DRAINAGE IMPROVEMENTS

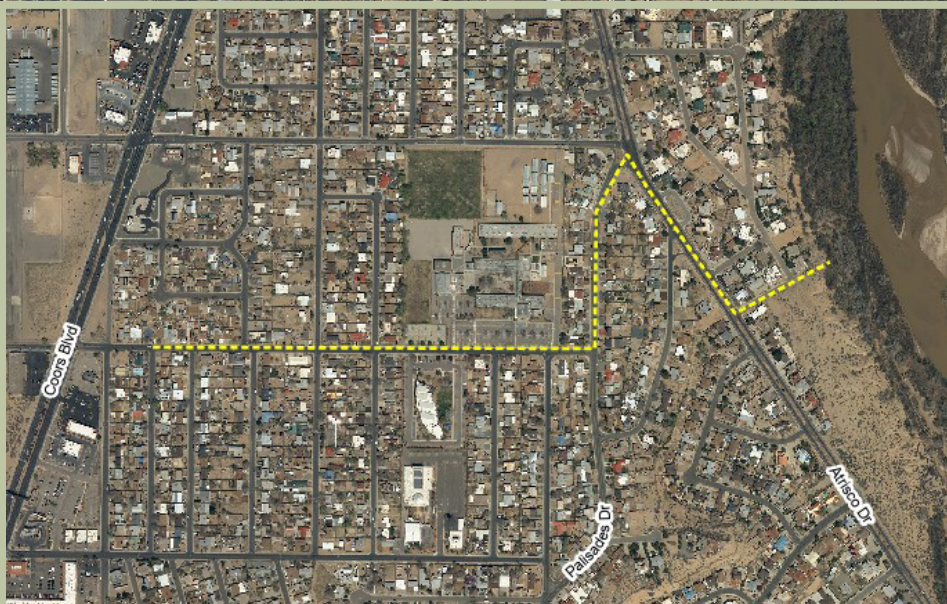


DISTRICT	
AMAFCA	1
CITY COUNCIL	2
COUNTY COMMISSION	1
NM SENATE	26
NM HOUSE	16
POTENTIAL AMAFCA FUNDING	
2027	-
2028	\$1,300,000
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$1,300,000</b>

**SPONSORS:**



**I TOTAL COST: \$10,300,000**



**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Remove mapped floodplain

**STAKEHOLDERS:** N/A

## DESCRIPTION

The Loma Hermosa / Glenrio Drainage Improvements project will include a comprehensive study of the area surrounding the Glenrio storm drain. The study will evaluate and recommend improvements to the sizing and routing of the storm drain system. These enhancements are intended to eliminate the existing floodplain in the area, thereby reducing flood risk and potentially lowering flood insurance requirements for properties currently served by storm drain infrastructure.





# MISCELLANEOUS REAL ESTATE ACQUISITION



DISTRICT	
AMAFCA	1-5
CITY COUNCIL	1-9
COUNTY COMMISSION	1-5
NM SENATE	9-21, 23, 26, 30
NM HOUSE	9-22, 24-31, 44, 68
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	\$450,000
2031	\$450,000
2032	\$450,000
<b>TOTAL</b>	<b>\$1,350,000</b>

**TOTAL COST:** \$1,350,000

**SPONSORS:**



## DESCRIPTION

During project design, acquisition of additional real estate may be necessary to optimize construction costs, expand project limits, or enhance flood protection benefits. Property interests may include right of way acquisition, temporary construction easements, or permanent drainage and maintenance easements, depending on project needs.

Real estate acquisition also supports implementation of projects identified in drainage master plans and other planning documents. Strategies for acquisition are developed with careful consideration of market conditions, site constraints, property availability, and overall project objectives to ensure timely and cost-effective project delivery.



**OBJECTIVES:** Provide/increase system/facility capacity, Reduce drainage/flooding issues

**STAKEHOLDERS:** N/A



# NORTH ALBUQUERQUE ACRES ARROYOS – SANDIA HEIGHTS HYDRAULIC ANALYSES

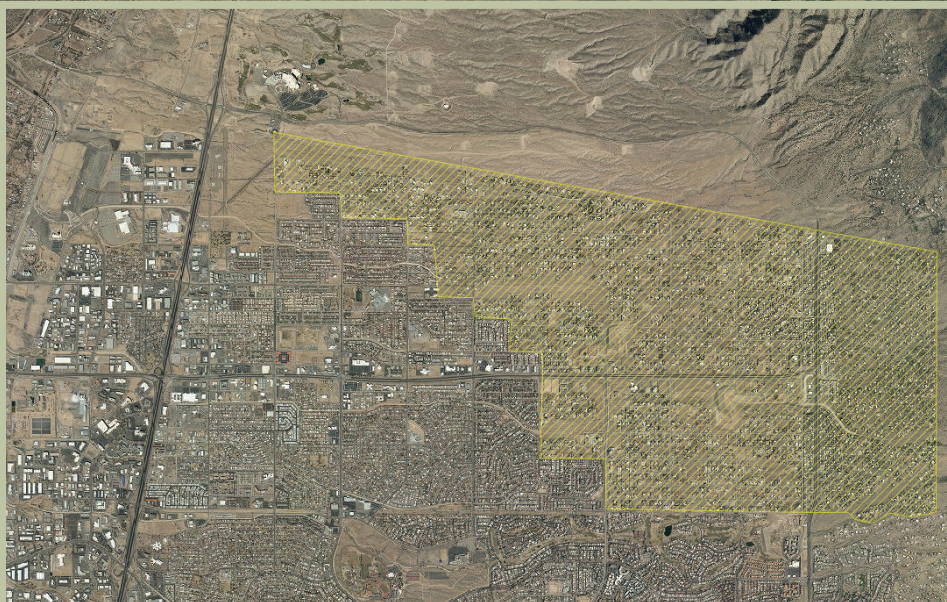


DISTRICT	
AMAFCA	4
CITY COUNCIL	4
COUNTY COMMISSION	4
NM SENATE	19-21
NM HOUSE	22, 27, 31
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	\$25,000
2030	\$25,000
2031	\$25,000
2032	\$25,000
<b>TOTAL</b>	<b>\$200,000</b>

**SPONSORS:**



**I TOTAL COST: \$200,000**



## DESCRIPTION

The North Albuquerque Acres Arroyos – Sandia Heights Hydraulic Analyses will evaluate existing conditions throughout the region to support a potential update to the Drainage Master Plan for North Albuquerque Acres and Sandia Heights. The analysis will quantify encroachments within arroyo flow paths and assess their effects on stormwater conveyance systems and associated floodplains. The resulting hydraulic evaluation will inform drainage infrastructure recommendations and provide a technical basis for allowing future development to occur without adverse impacts on existing structures or floodplain conditions.

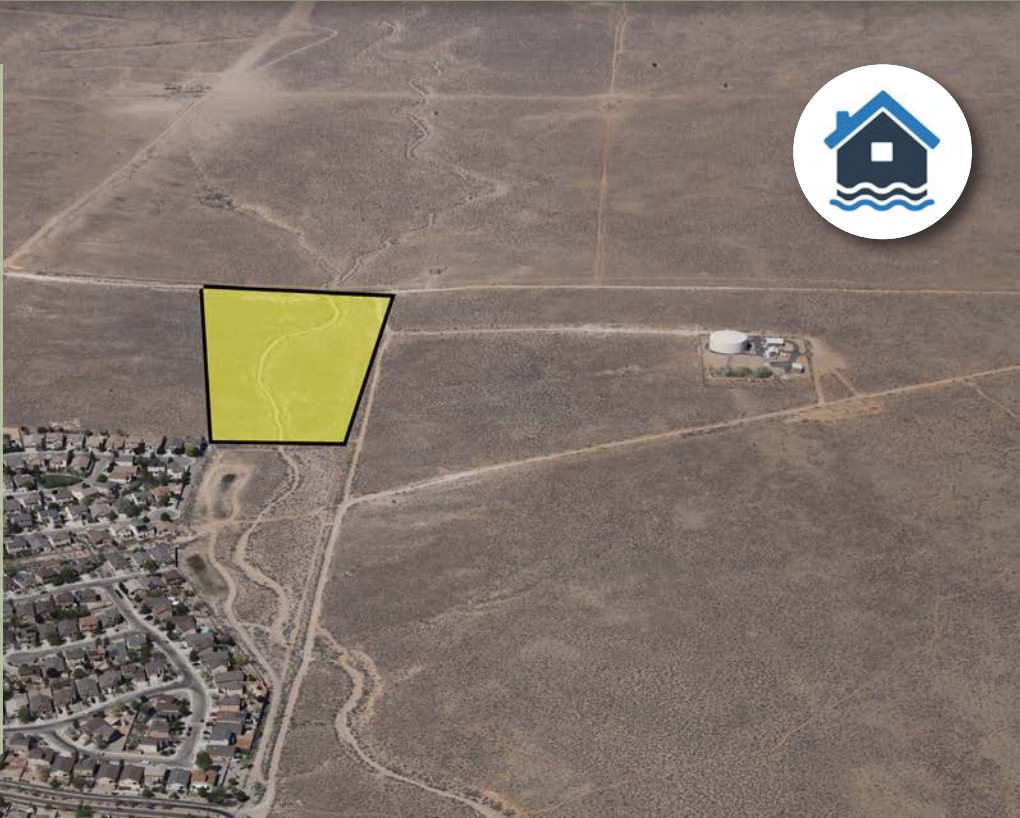
**OBJECTIVES:** *Remove mapped floodplain*

**STAKEHOLDERS:** *Private Development*





# PARADISE WEST DAM



DISTRICT	
AMAFCA	2
CITY COUNCIL	N/A
COUNTY COMMISSION	1
NM SENATE	23
NM HOUSE	29
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	-
2031	-
2032	\$1,250,000
<b>TOTAL</b>	<b>\$1,250,000</b>

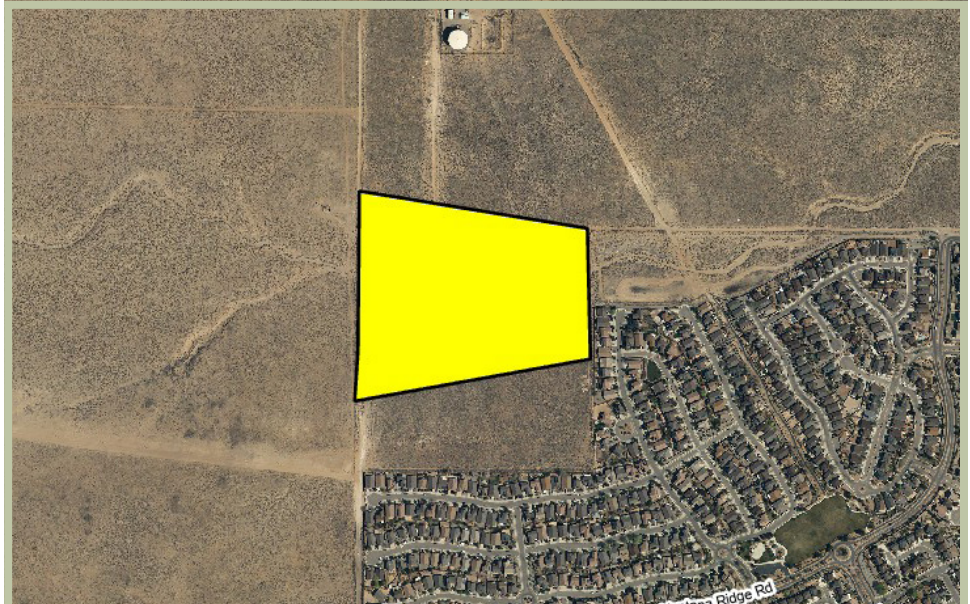
**TOTAL COST:** \$7,600,000

**SPONSORS:**



## DESCRIPTION

The Paradise West Dam is a master planned detention facility that expands drainage capacity within the area served by the western portion of the Calabacillas Watershed. The facility will regulate flows in the West Branch of the Calabacillas Arroyo, reduce sediment transport, and be designed to accommodate potential multi-use opportunities. Construction of the facility will support upstream development without adversely impacting existing downstream infrastructure.



**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Provide/enhance storm water quality.

**STAKEHOLDERS:** OSE-DSB



# PHOENIX STORM DRAIN PROJECT PH 1

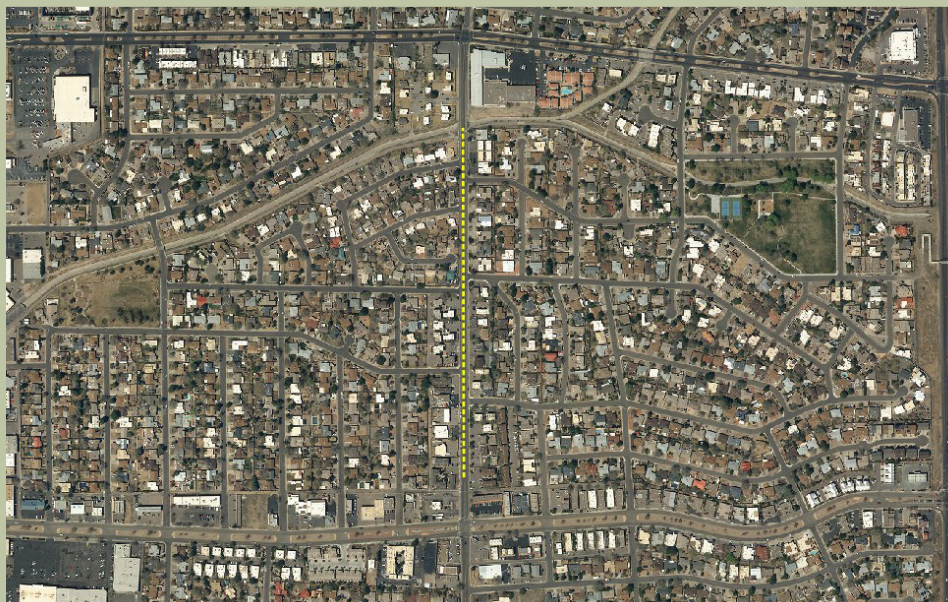


DISTRICT	
AMAFCA	3
CITY COUNCIL	8
COUNTY COMMISSION	5
NM SENATE	20
NM HOUSE	28
POTENTIAL AMAFCA FUNDING	
2027	\$1,500,000
2028	-
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$1,500,000</b>

**SPONSORS:**



**I TOTAL COST: \$3,800,000**



## DESCRIPTION

The City of Albuquerque, with joint sponsorship by AMAFCA, will install additional storm drain along Chelwood Park Boulevard between Phoenix Avenue and the Piedra Lisa Arroyo. The proposed storm drain system will protect the surrounding private properties from flood risk and create safer street conditions. The intention is to submit a Letter of Map Revision to FEMA after the project is complete, reducing the floodplain area surrounding Chelwood Park Boulevard.

**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Remove mapped floodplain.

**STAKEHOLDERS:** N/A





# PINO DAM IMPROVEMENTS



DISTRICT	
AMAFCA	4
CITY COUNCIL	8
COUNTY COMMISSION	4
NM SENATE	21
NM HOUSE	31
POTENTIAL AMAFCA FUNDING	
2027	\$595,000
2028	-
2029	\$3,200,000
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$3,795,000</b>



**TOTAL COST:** \$3,795,000

**SPONSORS:**



## DESCRIPTION

*Pino Dam is an earthen embankment dam near Tramway Boulevard and San Antonio Drive. The earthen auxiliary spillway has the potential to undergo head cutting if the spillway is operating. The modifications proposed for this project require either adding erosion resistant structural elements to the primary auxiliary spillway and/or constructing a secondary auxiliary spillway on the west or south side of the dam. Either proposal must get approval by the Office of the State Engineer and must minimize adverse impacts to the adjoining golf course.*



**OBJECTIVES:** Provide/enhance bank protection,  
Reduce drainage/flooding issues

**STAKEHOLDERS:** OSE-DSB





DISTRICT	
AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	-
2031	\$205,000
2032	\$1,105,000
<b>TOTAL</b>	<b>\$1,310,000</b>

**SPONSORS:**



**I TOTAL COST: \$1,310,000**



## DESCRIPTION

A new storm drain crossing at Bates Road, the railroad, and 2nd Street will serve as the principal outlet for Pond E, a master-planned detention facility in the Southeast Valley, conveying developed flows to the Valle de Oro Drainage Facility. This improvement will prevent flooding along 2nd Street and support additional development within the Southeast Valley DMP by enhancing regional drainage capacity.

**OBJECTIVES:** Reduce drainage/flooding issues,  
Provide/enhance storm water quality

**STAKEHOLDERS:** BNSF & NMDOT Railroad, BC





DISTRICT	
AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	-
2031	-
2032	\$516,000
<b>TOTAL</b>	<b>\$516,000</b>

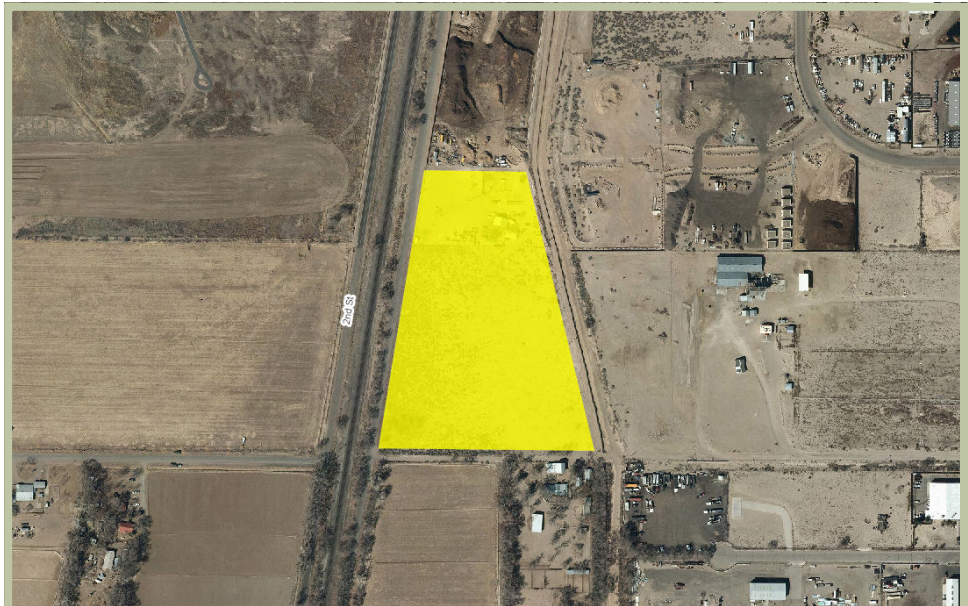
**TOTAL COST:** \$4,828,000

**SPONSORS:**



## DESCRIPTION

*This master-planned detention pond, located between Bates Road and the MRGCD's Barr Main Canal, will provide stormwater storage for flows draining west toward the railroad and 2nd Street. Combined with a new crossing beneath 2nd Street and the railroad, Pond E will convey developed runoff to the Valle de Oro Drainage Facility. The facility will reduce localized drainage and flooding concerns by attenuating peak discharge rates and regulating downstream flows. In addition, the detention pond will enhance stormwater quality by promoting sedimentation and reducing pollutant loading prior to discharge. Construction of this facility will also support upstream development toward Broadway Boulevard without adversely impacting existing downstream infrastructure.*



**OBJECTIVES:** Reduce drainage/flooding issues, Provide/enhance storm water quality

**STAKEHOLDERS:** MRGCD



# READING & 2ND STREET POND OUTFALL

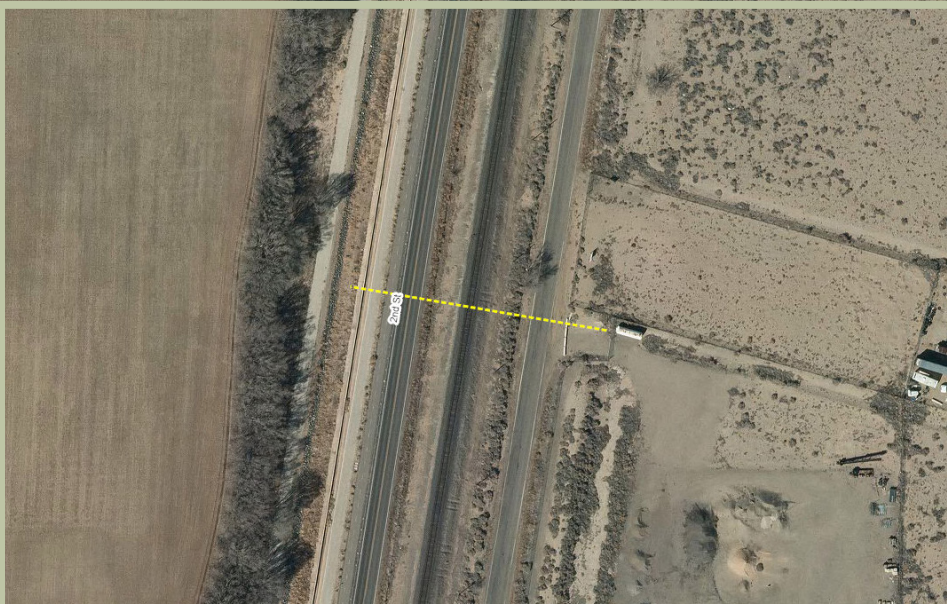


DISTRICT	
AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	-
2031	\$250,000
2032	-
<b>TOTAL</b>	<b>\$250,000</b>

**SPONSORS:**



**I TOTAL COST: \$1,575,000**



## DESCRIPTION

A new storm drain crossing at Bates Road, the railroad, and 2nd Street will serve as the Reading and 2nd Street Outfall, functioning as the principal outlet for the Reading & 2nd Street Pond, a master-planned detention facility in the Southeast Valley, and conveying developed flows to the Valle de Oro Drainage Facility. This improvement will prevent flooding along 2nd Street and support additional development within the Southeast Valley DMP by enhancing regional drainage capacity.

**OBJECTIVES:** Reduce drainage/flooding issues,  
Provide/enhance storm water quality

**STAKEHOLDERS:** BNSF & NMDOT Railroad, BC





# RIO BRAVO PARK STORM DRAINAGE IMPROVEMENTS



## DISTRICT

AMAFCA	1
CITY COUNCIL	N/A
COUNTY COMMISSION	2
NM SENATE	14
NM HOUSE	10, 12

## POTENTIAL AMAFCA FUNDING

2027	\$250,000
2028	-
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$250,000</b>

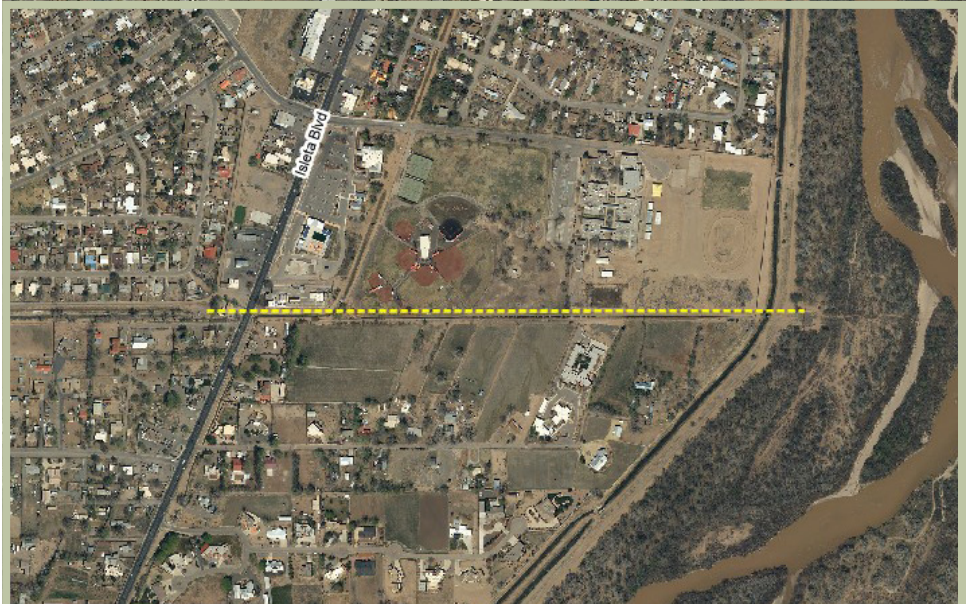
**TOTAL COST:** \$500,000

**SPONSORS:**



## DESCRIPTION

The Rio Bravo Park Drainage Improvements project is intended to modernize and enhance stormwater infrastructure serving Rio Bravo Park, Harrison Middle School, and adjacent residential areas. The project will address deficiencies within the existing drainage network and implement targeted upgrades to improve system capacity and flow conveyance. These improvements will mitigate recurring flooding concerns, strengthen system reliability during storm events, and rehabilitate the existing multi-use facility for the surrounding community.

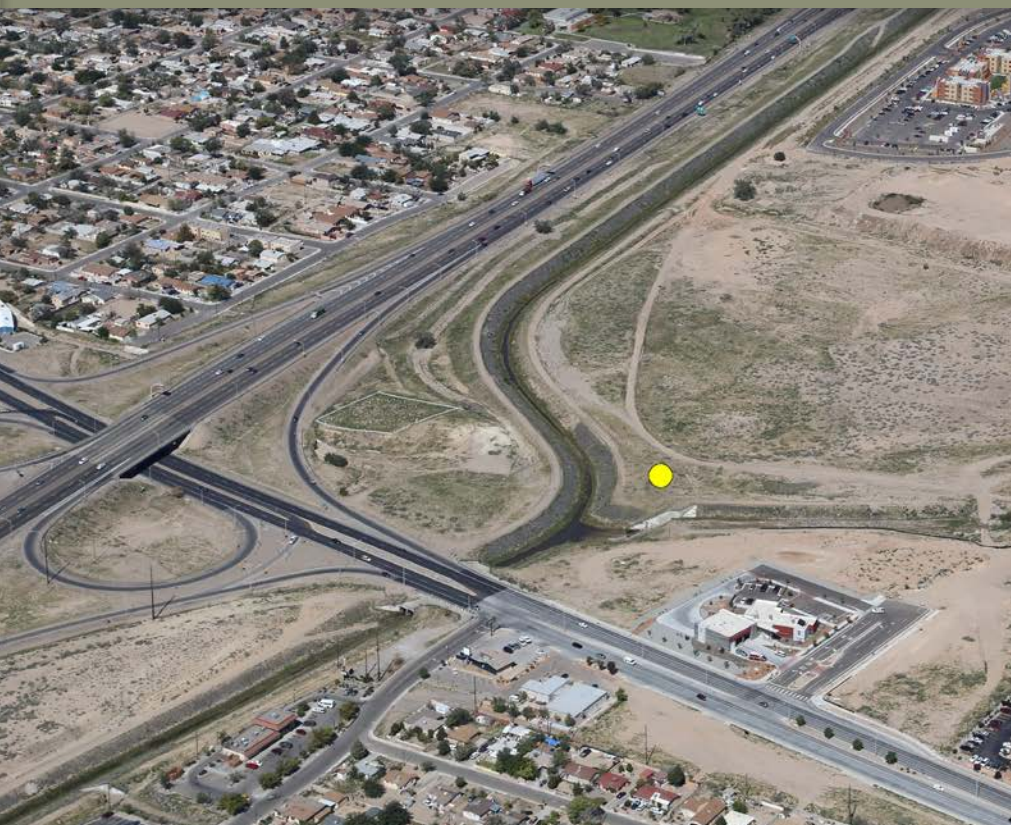


**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues,  
Remove mapped floodplain

**STAKEHOLDERS:** APS, MRGCD



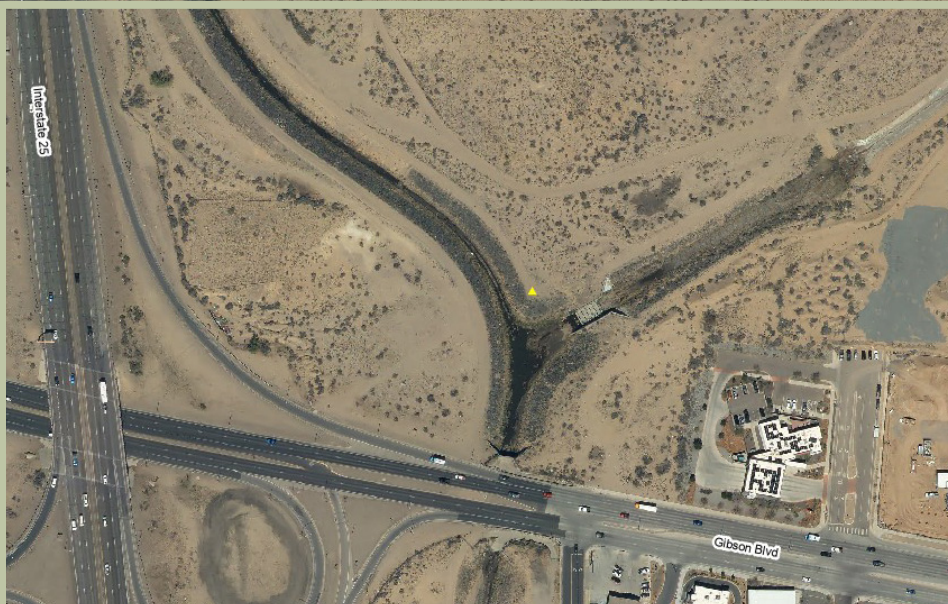
# SOUTH DIVERSION CHANNEL ACCESS PROJECT



DISTRICT	
AMAFCA	5
CITY COUNCIL	6
COUNTY COMMISSION	3
NM SENATE	16
NM HOUSE	18
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>-</b>

**SPONSORS:** *Private Development*

**I TOTAL COST:** \$150,000



## DESCRIPTION

The South Diversion Channel Access Project will provide better access to the South Diversion Channel, Geneva's Arroyo drop structure, and future water quality facilities. Access to the South Diversion Channel from Gibson Boulevard is problematic due to the proximity of the I-25 on and off ramps and two concrete side inlets that receive drainage from Gibson Boulevard. Access modification is anticipated to be rectified in partnership with adjacent land development by private property owners and/or improvements to the interchange.

**OBJECTIVES:** *Provide/enhance facility maintenance, Provide/enhance storm water quality*

**STAKEHOLDERS:** AMAFCA, NMDOT





# SOUTH DOMINGO BACA DIVERSION & MAIN CHANNEL RECONSTRUCTION



DISTRICT	
AMAFCA	4
CITY COUNCIL	N/A
COUNTY COMMISSION	4
NM SENATE	19, 20, 21
NM HOUSE	31
POTENTIAL AMAFCA FUNDING	
2027	\$7,000,000
2028	\$3,500,000
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	<b>\$10,500,000</b>

**TOTAL COST:** \$10,500,000 |

**SPONSORS:**



## DESCRIPTION

The South Domingo Baca Diversion and Main Channel are concrete-lined facilities that convey drainage from the Domingo Baca watershed and the Sandia Heights neighborhood. A recent assessment of the channels identified many areas of failure and in need of immediate repair. Full replacement of these channels is anticipated to be more cost-effective over the long term than continued maintenance along the existing channel alignments. These channels will convey water from the upstream watershed, eventually reaching the South Domingo Baca Dam.



**OBJECTIVES:** Provide channel stability/enhance bank protection, Provide/enhance facility maintenance, Remove mapped floodplain

**STAKEHOLDERS:** BC



# UPPER BOCA NEGRA DAM

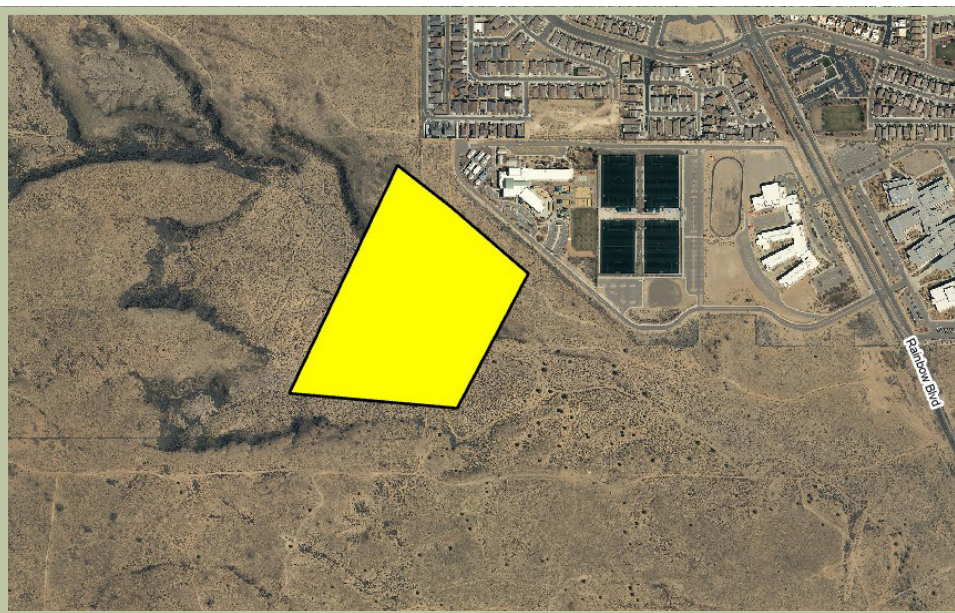


DISTRICT	
AMAFCA	2
CITY COUNCIL	5
COUNTY COMMISSION	1, 4
NM SENATE	23
NM HOUSE	29
POTENTIAL AMAFCA FUNDING	
2027	-
2028	-
2029	\$587,500
2030	\$587,500
2031	\$7,562,500
2032	\$7,562,500
<b>TOTAL</b>	<b>\$16,300,000</b>

**SPONSORS:**



**I TOTAL COST: \$16,300,000**



## DESCRIPTION

The Upper Boca Negra Dam is a regional detention facility identified in the Boca Negra Arroyo Drainage Management Plan above Unser Blvd. required to limit the discharge to the existing Boca Negra Dam, which is currently at maximum storage capacity. The structure will moderate existing peak discharges in the Boca Negra Arroyo, prevent exceeding the capacity of the downstream dam, minimize sediment conveyance, and incorporate flexibility for potential multi-purpose use.

**OBJECTIVES:** Provide/increase system/facility capacity,  
Reduce drainage/flooding issues

**STAKEHOLDERS:** State Land Office, OSE-DSB





# WEST I-40 DRAINAGE MANAGEMENT PLAN UPDATE



DISTRICT	
AMAFCA	2
CITY COUNCIL	N/A
COUNTY COMMISSION	1
NM SENATE	23
NM HOUSE	29
POTENTIAL AMAFCA FUNDING	
2027	-
2028	\$350,000
2029	-
2030	-
2031	-
2032	-
<b>TOTAL</b>	

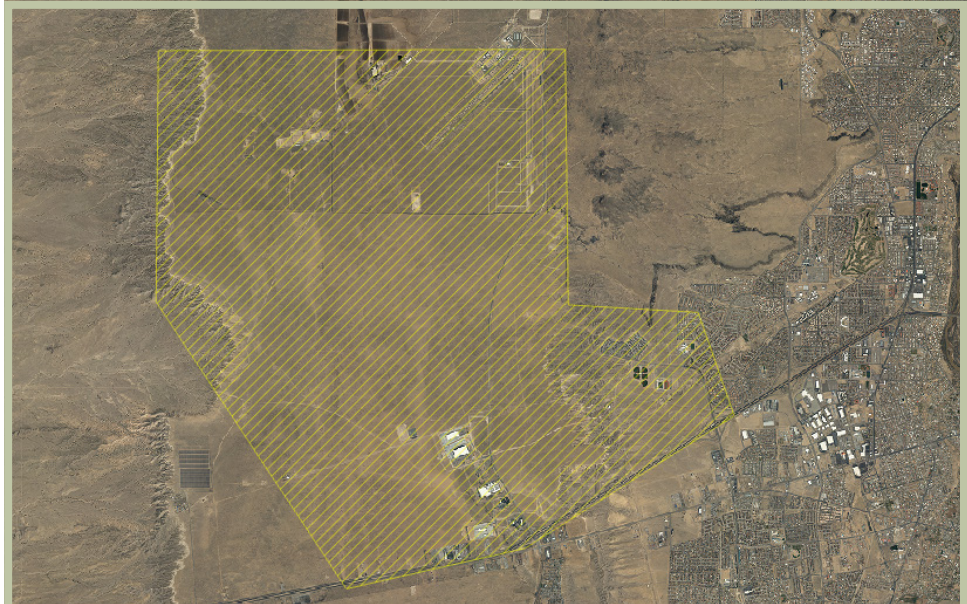
**TOTAL COST:** \$350,000

**SPONSORS:**



## DESCRIPTION

AMAFCA has many existing Drainage and Water Quality Master Plans (DMPs) in place that outline the requirements for developed conditions and identify the needed regional drainage infrastructure to support such development. The effective drainage management plans regulating the West I-40 watershed are in need of an update to reflect current conditions, to bring the hydrologic analysis to current standards of engineering practice, and to identify new or modify planned drainage infrastructure in the watershed.



**OBJECTIVES:** Provide/increase system/facility capacity, Provide/enhance storm water quality

**STAKEHOLDERS:** BC, COA





# PROJECT TABLE





# PROJECT FUNDING

The following Project Table is a snapshot of AMAFCA's intended timeframe to implement projects in the next six years. It has been coordinated with the schedules of other agencies for the purpose of possible joint funding in order to make the projects more successful. Timeframes may be adjusted as other agency schedules change or projects are re-prioritized.

# AGENCY LEGEND

AGENCY NAME	ABBREVIATION
Albuquerque Metropolitan Arroyo Flood Control Authority	AMAFCA
Albuquerque Public Schools	APS
Bernalillo County	BC
Burlington Northern Santa Fe Railway	BNSF
City of Albuquerque	COA
Federal Emergency Management Agency	FEMA
Middle Rio Grande Conservancy District	MRGCD
NM Department of Transportation	NMDOT
NM Office of the State Engineer - Dam Safety Bureau	OSE-DSB
Southern Sandoval County Arroyo Flood Control Authority	SSCAFCA



Facility Name	Lead Agency	Partner Agency	Grant Possible?	Total Est. Cost
Agency & Area-Wide Flood Control Rehabilitation	AMAFCA	-	-	\$12,000,000
AMAFCA Dam EAPs & Inundation Mapping	AMAFCA	-	-	\$600,000
AMAFCA Drainage Master Plan Updates	AMAFCA	-	-	\$1,000,000
AMAFCA Telemetry Phase 2	AMAFCA	-	Yes	\$500,000
Area-Wide Sediment Removal	AMAFCA	-	-	\$300,000
Barr Main Canal Flood Control Improvements	AMAFCA	-	-	\$5,040,000
Black Arroyo Dam Inlet Modification	AMAFCA	-	-	\$2,350,000
Calabacillas GCS 3a1, 3b1, and Bank Protection	AMAFCA	FEMA	Yes	\$7,981,000
Corrales Canal & Piedras Marcadas Dam Outfall	AMAFCA	-	-	\$10,075,000
Desert & 2nd Street Pond	AMAFCA	-	-	\$1,700,000
Emergency Arroyo Warning System	COA	AMAFCA	Yes	\$100,000
Gibson-San Mateo Regional Drainage Facility	COA	AMAFCA	Yes	\$14,000,000
Guac-Amole Dam	AMAFCA	-	Yes	\$28,200,000
Industry Way Storm Drain	BC	-	-	\$6,275,000
Loma Hermosa/Glenrio Drainage Improvements	COA	AMAFCA	Yes	\$10,300,000
Miscellaneous Real Estate Acquisition	AMAFCA	-	Yes	\$1,350,000
North Albuquerque Acres - Sandia Heights Hydraulic Analyses	AMAFCA	BC	-	\$200,000
Paradise West Dam	AMAFCA	-	Yes	\$7,600,000
Phoenix Storm Drain Project Ph 1	COA	AMAFCA	-	\$3,800,000
Pino Dam Improvements	AMAFCA	-	Yes	\$3,795,000
Pond E	AMAFCA	BC	-	\$4,828,000
Pond E Outfall	AMAFCA	-	-	\$1,310,000
Reading & 2nd Street Pond Outfall	AMAFCA	-	-	\$1,575,000
Rio Bravo Park Storm Drainage Improvements	BC	AMAFCA	-	\$500,000
South Diversion Channel Access Project	Priv. Dev.	-	-	\$150,000
South Domingo Baca Diversion & Main Channel Reconstruction	AMAFCA	-	-	\$10,500,000
Upper Boca Negra Dam	AMAFCA	-	-	\$16,300,000
West I-40 Drainage Management Plan Update	AMAFCA	-	-	\$350,000
-	TOTALS	-	-	\$155,729,000



AMAFCA Est. Cost	FY27	FY28	FY29	FY30	FY31	FY32
\$12,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
\$1,000,000	-	-	\$250,000	\$250,000	\$250,000	\$250,000
\$500,000	\$250,000	\$250,000	-	-	-	-
\$300,000	\$100,000	-	\$100,000	-	\$100,000	-
\$5,040,000	-	-	-	-	\$540,000	\$4,500,000
\$2,350,000	-	-	-	\$250,000	\$2,100,000	-
\$7,981,000	\$5,300,000	\$2,681,000	-	-	-	-
\$10,075,000	\$700,000	\$700,000	\$5,675,000	\$3,000,000	-	-
\$1,700,000	-	-	\$200,000	\$1,500,000	-	-
\$40,000	\$20,000	\$20,000	-	-	-	-
\$3,000,000	-	-	-	\$1,500,000	\$1,500,000	-
\$28,200,000	\$1,000,000	\$6,725,000	\$12,750,000	\$6,725,000	-	-
\$-	-	-	-	-	-	-
\$1,300,000	-	\$1,300,000	-	-	-	-
\$1,350,000	-	-	-	\$450,000	\$450,000	\$450,000
\$100,000	-	-	\$25,000	\$25,000	\$25,000	\$25,000
\$7,600,000	-	-	-	-	-	\$1,250,000
\$1,500,000	\$1,500,000	-	-	-	-	-
\$3,795,000	\$595,000	-	\$3,200,000	-	-	-
\$4,828,000	-	-	-	-	-	\$516,000
\$1,310,000	-	-	-	-	\$205,000	\$1,105,000
\$1,575,000	-	-	-	-	\$250,000	-
\$250,000	\$250,000	-	-	-	-	-
\$-	-	-	-	-	-	-
\$10,500,000	\$7,000,000	\$3,500,000	-	-	-	-
\$16,300,000	-	-	\$587,500	\$587,500	\$7,562,500	\$7,562,500
\$350,000	-	\$350,000	-	-	-	-
\$126,594,000	\$18,815,000	\$17,626,000	\$24,887,500	\$16,387,500	\$15,082,500	\$17,758,500



AMAFCA 2025 Snowman





