

Capital Improvement Program



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program 2016 - 2020



Mesa City Council

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Dennis Kavanaugh, Vice Mayor and
District 3

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Christopher Glover, District 4

David Luna, District 5

Kevin Thompson, District 6

City Manager

Christopher J. Brady

To the Honorable Mayor, City Council Members and the residents of the City of Mesa:

I am pleased to present the City of Mesa's 2016-2020 Capital Improvement Program (CIP). This document serves as a five-year planning tool for infrastructure development and improvements.

The CIP document includes:

- **Capital expenditure summaries**
- **Operational impact cost summaries**
- **Financial summaries by funding sources**
- **Detailed individual descriptions of each project**
- **Maps indicating the location of the projects**

The CIP is developed to serve as a plan based on City Council priorities and financial restrictions determined by the City's current financial forecast. The plan is reviewed and revised annually to evaluate City infrastructure needs within financial forecast limitations.



Christopher J. Brady
City Manager

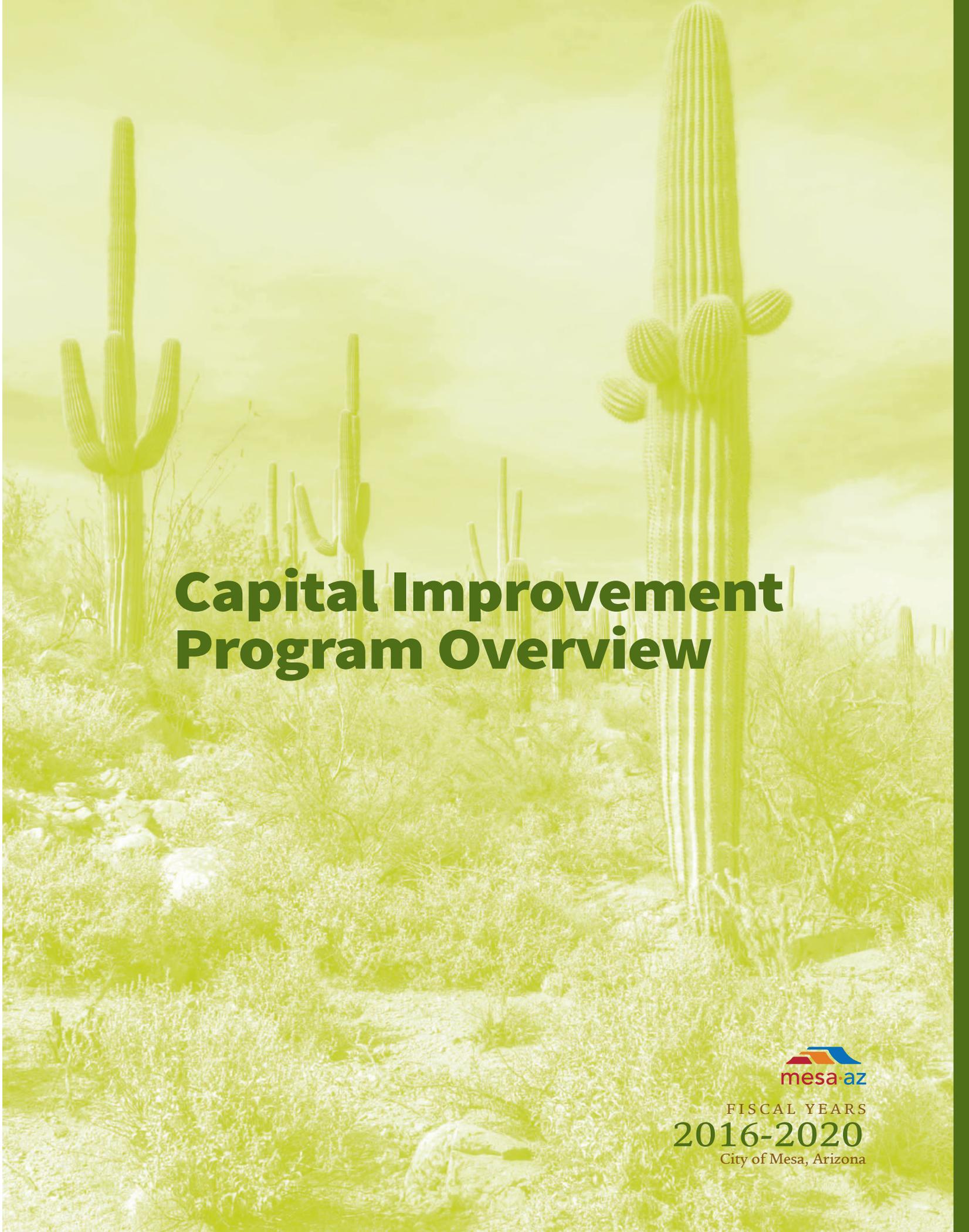
Five Year Capital Improvement Program

2016 – 2020 Capital Improvement Program

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A photograph of a desert landscape featuring several tall saguaro cacti. The scene is bathed in a warm, golden-yellow light, likely from a low sun, creating a hazy atmosphere. The cacti are of various sizes and stages of growth, with some showing small arms. The ground is covered with sparse, low-lying desert vegetation and scattered rocks.

Capital Improvement Program Overview



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program

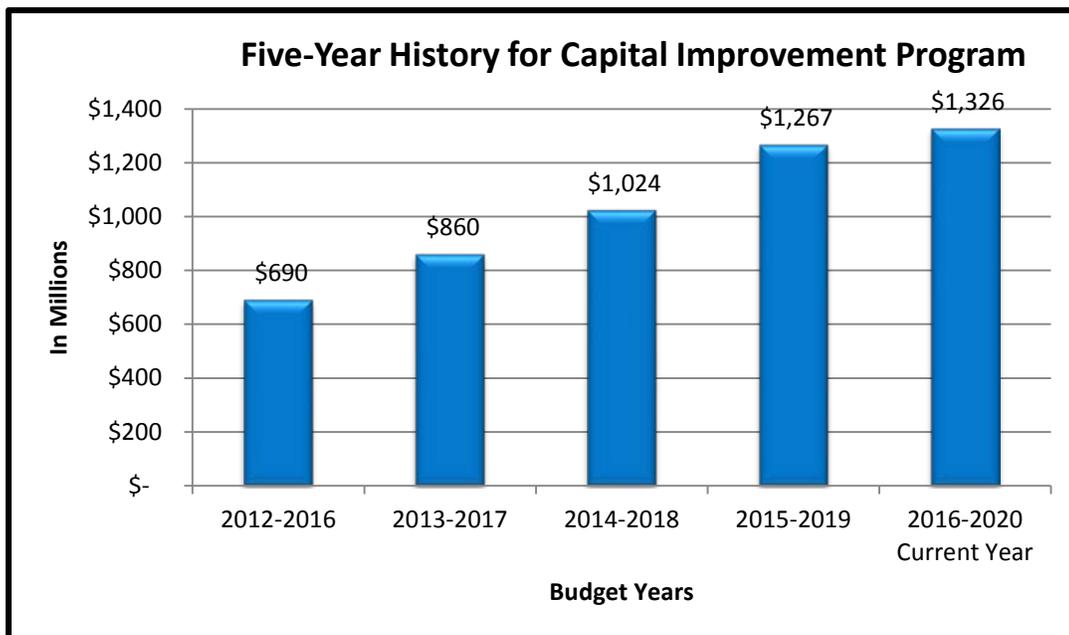
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CAPITAL IMPROVEMENT PROGRAM OVERVIEW

The Capital Improvement Program (CIP) represents the City’s plan to meet its public facility and infrastructure needs. Major capital improvements and purchases are planned and tracked on a longer-term basis than annual capital purchases. Departments assess needs and plan and develop projects in conjunction with the Engineering Department. City management meets with departments to analyze and prioritize the projects. This allows the City to apply limited funding and staff resources to the highest-priority projects. Based on the resources projected to be available for the various types of projects, a multi-year plan is developed.

An eight-year Capital Improvement Program is developed and included in the City’s long-term forecast. This plan includes project costs as well as all resulting operational and maintenance costs. The first five years of the plan are approved by the City Council and published in this Five-Year Capital Improvement Program document. The City Council also adopts the first year of the plan as part of the annual budget process.

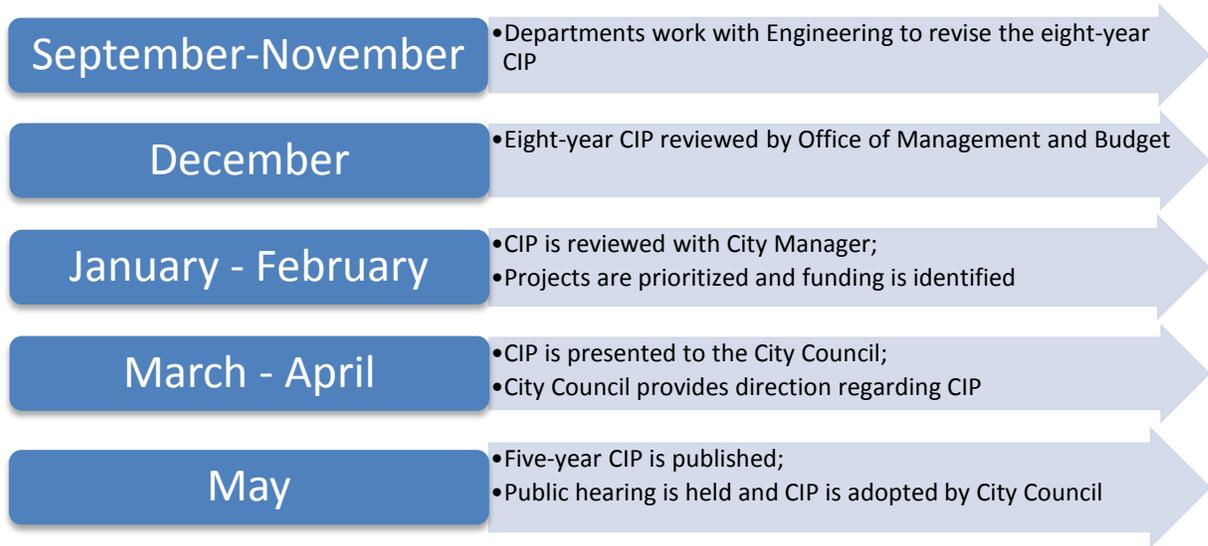


CIP BUDGET PROCESS

Due to limited resources, not all projects identified during the budget process are included in the final budget adopted by Council. Projects are prioritized based on how each project:

- Meets the goals of the City, considering financial feasibility, public health, and safety
- Fulfills the City’s legal commitment to provide safe and adequate facilities and services
- Creates efficiencies in existing facilities
- Prevents or reduces future improvement cost
- Provides services to developed areas lacking full service
- Promotes infill development

The following is a timeline overview of the major steps in the CIP budget process:



CAPITAL IMPROVEMENT PROGRAM FUNDING SOURCES

The Capital Improvement Program budget adopted in the FY 2015/16 annual budget is \$341,535,000. Capital improvements are funded by two primary sources: (1) operating revenues and (2) bonds. The following is a brief summary of the funding sources:

Operating Revenues – These revenues include general and special sources (Local Street Sales Tax, Highway User Revenue, State shared revenue, Federal and State aid, fines, etc.) and enterprise revenues (electric, gas, water, solid waste, etc.). For purposes of the Capital Improvement Program, reimbursements of expenses from other governmental entities are included in this category. While not considered revenue, their inclusion assists in ascertaining the City’s net cost for a project.

Highway User Revenue – funds received through the State of Arizona collection of gasoline tax and a number of additional transportation related fees. Revenues from these taxes and fees are deposited into the Arizona Highway User Revenue Fund (HURF), of which the City of Mesa receives a portion of the total. Funds in this category can only be used for Transportation related activities.

Local Streets Sales Tax – funds received from a May 2006 voter approved increase of the City’s Transaction Privilege (Sales Tax) by 0.5%, of which 0.3% has been dedicated to Transportation. This funding can only be used for streets-related activities and provides a local revenue source as well as the matching requirement to obtain Maricopa Association of Governments (MAG) Proposition 400 monies.

Federal Grants – funds obtained through federal grantors such as the Community Development Block Grant Program (CDBG) and the Federal Transit Administration.

State Grants – funds obtained through state grantors such as the Arizona Department of Transportation.

Bonds - Issuing bonds is a common practice among cities. It is the primary and most widely accepted method for municipalities to finance large capital projects. There are two types of bond fund projects in the Capital Improvement Program:

General Obligation (GO) Bonds - General obligation bonds are used to finance public infrastructure such as parks, streets, and police and fire facilities. General obligation bonds are backed by the “full faith and credit” of the City, meaning that the City pledges to take whatever action is necessary to raise the revenue to repay the loan. Principal and interest payments on Mesa’s GO bonds are funded by a secondary property tax, development impact fees, and a court construction fee. If these revenue sources are not sufficient, the General Fund is used to fund the remaining portion of the payment.

Utility Revenue Bonds - Utility revenue bonds have no statutory limitations on the amount which may be issued. Projects that fall into this category are Electric, Gas, Solid Waste, Water, and Wastewater projects. Bonds used for these projects are repaid from payments made by each utility customer.

OVERVIEW OF CIP FUNDING

The table on the next page presents a high level overview of the annual FY 2014/15 CIP budget compared to FY 2015/16. The comparison of funding in consecutive fiscal years is one way to assess changes in the CIP. The first table below separates new funding and carryover. Carryover is the amount of project budget that has not been spent by the end of a fiscal year, but is still required to complete the project. Separating out carryover allows the City to compare new project funding from year to year.

CIP Budget Compared to Prior Year		
Funding Source	FY 2014/15	FY 2015/16
<i>Operating Funds</i>		
Unrestricted	\$2,137,641	\$3,288,027
Restricted	\$39,554,359	\$53,909,973
Operating Funds Subtotal	\$41,692,000	\$57,198,000
<i>Bond Funds</i>		
General Obligation	\$74,352,784	\$35,536,548
Utility Revenue	\$109,363,216	\$109,520,452
Bond Funds Subtotal	\$183,716,000	\$145,057,000
Total Budget (without carryover)	\$225,408,000	\$202,255,000
<i>Carryover</i>		
Operating Funds Carryover	\$35,374,000	\$27,434,000
Bond Fund Carryover	\$81,903,000	\$111,846,000
Carryover Subtotal	\$117,277,000	\$139,280,000
Total CIP Budget	\$342,685,000	\$341,535,000

Notable differences include:

Restricted Funds – FY 2015/16 includes additional funds restricted to the Greenfield Water Reclamation Plant Joint Venture Fund, and the TOPAZ (Public Safety Radio and Communications) Joint Venture Fund. The City of Mesa serves as the managing partner of these joint ventures. The City budgets both the full cost of improvements and Mesa’s share of these costs. The remaining costs are reimbursed by the partners in these ventures.

General Obligation Bonds – FY 2014/15 budget included a large amount of new general obligation bonds for new projects. Much of this funding was not used in the fiscal year, and is reflected in the increase in Bond Funds Carryover. Accordingly, less new general obligation bond funding is needed in FY 2015/16 than in the previous fiscal year.

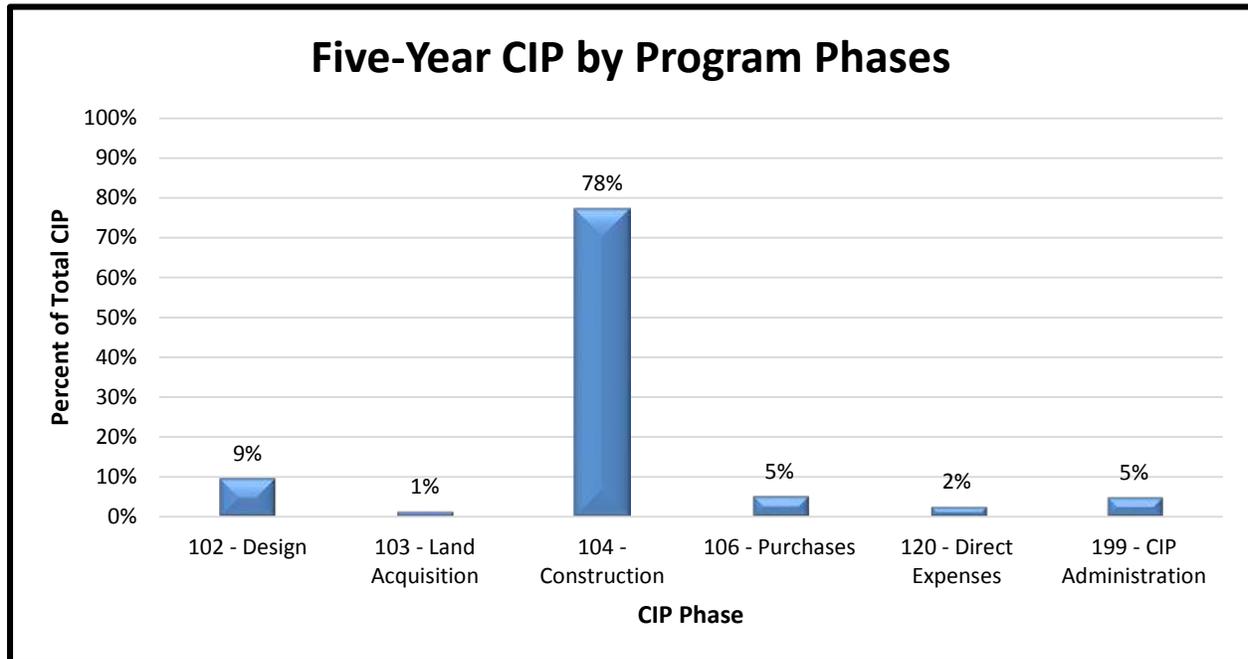
Bond Funds Carryover – Much of the newly acquired general obligation bond funds from FY 2014/15 was not spent within the fiscal year. There are many factors that may influence a project schedule including real estate acquisition or material lead time. These factors can delay a project for several months or may require programming the project to begin the next fiscal year. This funding is included as bond capital improvement carryover for FY 2015/16.

This table shows five years of the CIP budget, with carryover included.

Five Year Capital Improvement Program Funding Sources						
Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	5 Year Total
Operating Funds						
Restricted Funds	\$ 60,940,874	\$ 58,858,146	\$ 112,003,739	\$ 116,664,803	\$ 54,840,919	\$ 403,308,481
Unrestricted Funds	\$ 8,467,204	\$ 6,209,385	\$ 4,567,902	\$ 4,666,701	\$ 2,138,978	\$ 26,050,170
Grant Funds						
Grants-Enterprise	\$ 3,348,333	\$ 2,937,615	\$ 1,236,376	\$ 2,788,087	\$ 5,192,202	\$ 15,502,613
Grants - General Gov.	\$ 11,875,589	\$ -	\$ -	\$ -	\$ -	\$ 11,875,589
Total Operating Funds	\$ 84,632,000	\$ 68,005,146	\$ 117,808,017	\$ 124,119,591	\$ 62,172,099	\$ 456,736,853
Bond Funds						
Electric Bonds	\$ 13,043,202	\$ 9,651,603	\$ 6,468,756	\$ -	\$ -	\$ 29,163,561
Gas Bonds	\$ 22,628,266	\$ 16,789,891	\$ 14,317,713	\$ -	\$ -	\$ 53,735,870
Water Bonds	\$ 89,966,980	\$ 141,989,120	\$ 78,204,926	\$ 11,546,038	\$ 10,912,697	\$ 332,619,761
Wastewater Bonds	\$ 50,075,852	\$ 35,725,603	\$ 67,018,374	\$ 56,392,570	\$ 7,801,791	\$ 217,014,190
Parks Bonds	\$ 28,649,138	\$ 10,186,165	\$ 2,579,890	\$ 2,730,697	\$ 4,769,053	\$ 48,914,943
Public Safety Bonds	\$ 20,479,797	\$ 13,204,349	\$ 4,990,397	\$ 17,217,117	\$ 36,994,343	\$ 92,886,003
Streets Bonds	\$ 24,707,165	\$ 21,889,442	\$ 13,525,010	\$ 8,081,026	\$ 19,272,226	\$ 87,474,869
Solid Waste Bonds	\$ 7,352,600	\$ -	\$ -	\$ -	\$ -	\$ 7,352,600
Total Bond Funds	\$ 256,903,000	\$ 249,436,173	\$ 187,105,066	\$ 95,967,448	\$ 79,750,110	\$ 869,161,797
Total Budget	\$ 341,535,000	\$ 317,441,319	\$ 304,913,083	\$ 220,087,039	\$ 141,922,209	\$ 1,325,898,650

CAPITAL IMPROVEMENT PROGRAM PHASES

Each CIP project may consist of multiple phases. Those phases may include: design, land acquisition, construction, purchases, direct expenses, and CIP administration.



The majority of the expenditures in Capital Improvement Program are for construction. For the current five-year CIP, construction is approximately 78%. Below is a brief description of the different phases.

Design: this phase includes the expenditures required to prepare a project for construction, such as the use of architects and engineers to prepare concept drawings.

Land Acquisition: this phase includes the cost of the land, attorneys, and other expenditures related to the purchase of land, when necessary.

Construction: this phase includes construction contracts, materials testing, staff time (inspections), and other expenditures related to the physical construction of the project.

Purchases: this phase includes the purchase of capital items such as furniture, fixtures, and equipment (FF&E) for a new facility, fire apparatus, a police helicopter, etc.

Direct Expenses: this phase includes other expenditures related to the project that don't fit into the other phases. These might include advertising and public outreach on specific projects.

CIP Administration: this phase includes the time of accountants, engineers, and other professional staff dedicated to supporting the CIP, but who do not work on specific projects.

IMPACT ON OPERATING BUDGET

The completion of CIP projects may result in the need for additional funding for one-time start-up purchases as well as ongoing operations and maintenance (O&M) funding (e.g., a new fire station requires one-time funding for items such as furniture, fixtures and equipment and ongoing funding for expenditures such as personnel, utilities and maintenance). This funding is typically budgeted in the fiscal year following the completion of construction activities. It is identified during the project planning process and is included in the operating budget of the applicable department.

Funding Source	CIP Impact on Operating Budget				
	2015/16	2016/17	2017/18	2018/19	2019/20
General Fund	\$453,254	\$844,827	\$1,598,752	\$1,627,340	\$3,401,017
Local Street Sales Tax	\$46,800	\$243,533	\$293,177	\$394,997	\$425,050
Highway User Revenue	-	\$194,693	\$264,615	\$322,675	\$334,946
Enterprise Fund	-	\$255,947	\$4,313,224	\$2,575,528	\$5,146,040
Transit Fund	\$3,165,000	\$3,211,209	\$3,947,059	\$6,770,903	\$6,898,906
Total Operational Impact	\$3,665,054	\$4,750,209	\$10,416,827	\$11,691,443	\$16,205,959

The chart below separates the operating budget into two categories – start-up and ongoing. Start-up costs are the one-time purchases that are required to support new City facilities. An example of a start-up expense would be the purchase of a pickup truck to support the maintenance activities at new parks. Ongoing costs are the expenses that are anticipated to take place every year. An example of an ongoing expense would be the utilities cost to operate a building.

CIP Impact on Operating Budget - Start-up vs. Ongoing					
Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20
General Fund					
Start-up	\$217,122	\$117,772	\$186,289	\$38,053	\$38,772
Ongoing	\$235,132	\$727,055	\$1,412,463	\$1,589,317	\$3,362,245
Local Street Sales Tax					
Ongoing	\$46,800	\$243,533	\$293,177	\$394,997	\$425,050
Highway User Revenue					
Ongoing	-	\$194,693	\$264,615	\$322,675	\$334,946
Enterprise Fund					
Start-up	-	-	\$3,299,167	-	-
Ongoing	-	\$255,947	\$1,014,057	\$2,575,528	\$5,146,040
Transit Fund					
Ongoing	\$3,165,000	\$3,211,209	\$3,947,059	\$6,770,903	\$6,898,906
Total Operational Impact	\$3,664,054	\$4,750,209	\$10,416,827	\$11,691,473	\$16,205,959

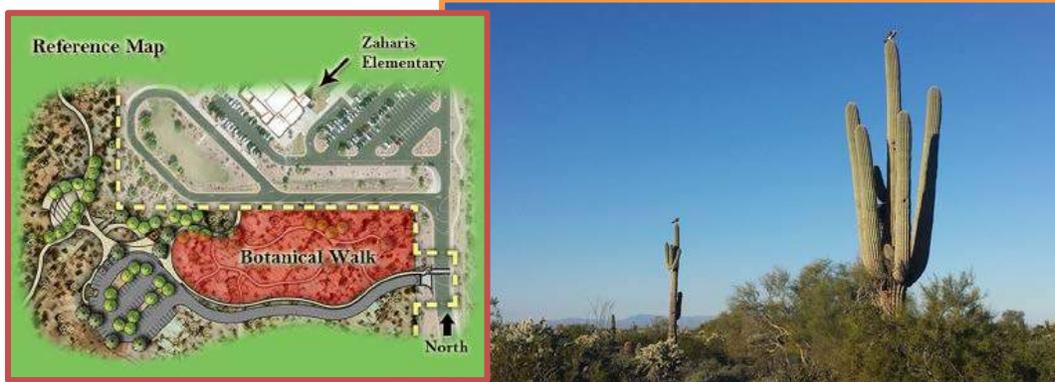
In this next section, two examples are highlighted that demonstrate the impact that capital projects can have on the City’s operating budget. Both projects are expected to have operational expenses in FY 2015/16. Each project will require funding in future years for operations and maintenance. An estimated annual operating impact of each project and a description of the operating cost are provided.

Desert Arroyo Park

Project Description: Desert Arroyo Park opened to the public in late August of 2015. The park was constructed on desert land near Zaharis Elementary School and enhances the existing arroyo as an interpretive and educational desert riparian habitat experience. Nature-based play, hiking, and biking opportunities are incorporated into the park.

Annual Operating Impact: ~\$55,000 - \$70,000

During its first year of operation, Desert Arroyo Park will require an O&M budget of \$70,435 to cover start-up costs. These one-time costs include a maintenance vehicle, uniform, and cell phone for a new employee to work at the park. In the following years, the annual operations and maintenance costs will range from \$55,000 - \$60,000. This will continue to cover staff, but also upkeep of the park and its facilities such as increases in landscape maintenance for daily trash cleanup, vegetation maintenance; as well as electric and water bills for drinking fountains, water features, drip irrigation, and area lighting.



The Desert Arroyo Park features trails for discovering the flora and fauna of the area. Discovery guides are available online for use in interacting with educational nodes, ramadas, and signs.

West Mesa Connector



Project Description: The West Mesa Connector is a 10-foot wide, paved, shared-use pathway complete with landscaping, rest areas, and lighting. The pathway runs from Country Club Drive through the Mesa Country Club and extends along the Tempe Canal to Dobson Road. The canal will provide 2 miles of paved shared use path.



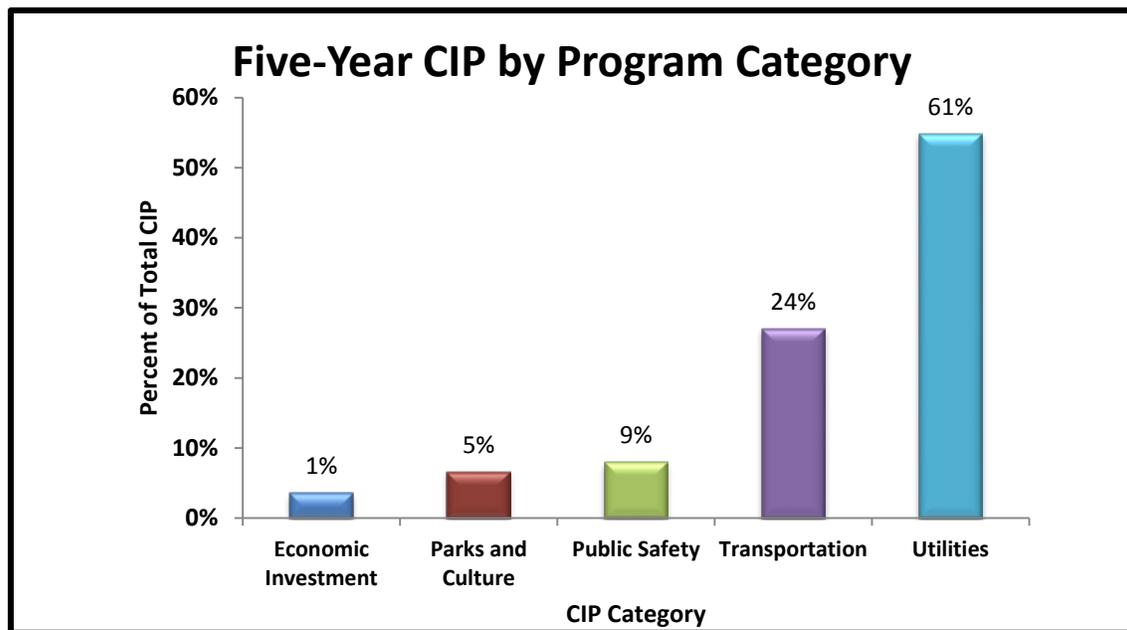
Annual Operating Impact: ~\$60,000

Upon completion, the West Mesa Connector will require a small start-up operating cost of \$18,750 and then have an annual operating and maintenance budget of \$56,000-\$64,000. This funding will cover the upkeep of the pathway as

well as signage and lighting needs.

CAPITAL IMPROVEMENT PROGRAM CATEGORIES

The CIP represents the City's commitment to provide reliable infrastructure for its citizens, businesses, and visitors. All capital improvement program projects are assigned to one of the five following categories: Economic Investment, Parks and Culture, Public Safety, Transportation, and Utilities. The chart below shows these categories based on their percentage of the total five-year CIP. Utilities is the largest percentage as new construction of the Signal Butte Water Treatment Plant and expansion of the Greenfield Water Reclamation Plant will be completed over the next five years. Following the chart below is a description of each category and examples of projects contained in the FY 2015/16 CIP.



ECONOMIC INVESTMENT - Projects that fall under this category are the HEAT Initiative (defined below), General Government, Capital Improvement and Operations, Community Development (CDBG), and Town Center Development.

HEAT Initiative projects promote economic development in 5 key areas: Healthcare, Education, Aerospace, Tourism, and Technology.

General Government projects are defined as any improvements or land acquisition associated with Mesa's Town Center Redevelopment area; upgrades or renovations to existing buildings where City employees are currently located.

PARKS AND CULTURE - Projects that fall into this category are Arts and Culture, Parks and Recreation, Golf Course, Aquatics, Library, Community Center, and Cemetery.

Parks and Culture projects are defined as new neighborhood, community or district parks and associated amenities, park maintenance offices, retention basin improvements, golf course improvements, athletic field lighting, community recreation centers, skate parks, shared use paths, park canal projects, and aquatic facilities.

PUBLIC SAFETY - Projects that fall into this category are Police, Fire and Medical, Judicial, and Environmental Management.

Public Safety projects are defined as new buildings or existing buildings/facilities that are planned to be remodeled, renovated, or expanded such as police substations, fire stations, courtrooms, shooting ranges, training facilities, or parking garages associated with public safety. This also includes land acquisition for public safety improvements. Other improvements include new equipment purchases or existing equipment upgrades and environmental mitigation improvements.

TRANSPORTATION - Projects that fall into this category are Streets, Regional Transit Plan, Mass Transit, and Airports - Falcon Field and Phoenix-Mesa Gateway.

Transportation projects are defined as widening the existing arterial street system, intersection improvements, adding new roadways, landscaping within public right-of-way, street lighting and traffic signal system improvements, bus purchases, bus pullouts/bus shelters, park-n-ride lots, transit facilities, light-rail studies, infrastructure improvements to the Falcon Field Airport and Phoenix-Mesa Gateway Airport, and any master plans/studies or design of projects under the Transportation category.

UTILITIES - Projects that fall into this program are Water, Wastewater, Storm Sewer, Natural Gas, Electric, and Solid Waste.

Utility projects are defined as water reclamation plants, water treatment plants, well sites, water lines, wastewater lines, gas lines, storm sewer lines, lift stations, new or expanded pump stations, sulfide stations, storage or recharge sites, storm sewer drainage improvements, floodway improvements, electrical substation expansions, solid waste facility improvements, and any master plan/studies or design of projects under the Utilities category.

Glossary of Funding Sources, Terms and Abbreviations

APPROPRIATION - An authorization granted by the City Council to make expenditures and to incur obligations for purposes specified in the Appropriation Ordinance.

CAPITAL IMPROVEMENT PROGRAM - A plan separate from the Annual Budget that identifies: (a) all capital improvements which are proposed to be undertaken during a five fiscal year period; (b) the cost estimate for each improvement; (c) the method of financing each improvement; (d) the recommended time schedule for each project; and (e) the estimated annual operating and maintenance costs.

CARRYOVER –Any capital project that has been previously approved by the Mayor and Council but has not been implemented on schedule. Under the State laws and generally accepted accounting principles only those costs relating to work actually done on or before the last day of the fiscal year can be reflected on the financial statements of that fiscal year. To avoid having to charge the project costs estimated to be incurred in a subsequent fiscal year as an unbudgeted item for that year and therefore a violation of State budget law, such project and the associated projected costs are included in the subsequent year's budget.

CITY SHARE – Capital improvement activity for street cost share amount with the developer community.

CURRENT AUTHORIZATION – Bond funding which has already been approved by voters.

FUND - An independent fiscal and accounting entity with a self-balancing set of accounts recording cash and/or other resources, together with all related liabilities, for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations.

Local Streets Sales Tax are funds obtained through the passage of the May 2006 increase of the Transaction Privilege (Sales Tax) by .5%, of which .3% has been dedicated to Transportation. This fund provides the matching requirement to obtain Maricopa Association of Governments (MAG) Proposition 400 monies as well as providing a local revenue source and can only be used for streets related activities.

Highway User Revenue Fund (HURF) are funds through the State of Arizona collection of gasoline tax and a number of additional transportation related fees. These taxes represent the primary source of revenues available to the state for highway construction and improvements and other related expenses. Revenues from these taxes and fees are deposited into the Arizona Highway User Revenue Fund (HURF), of which the City of Mesa receives a portion of the total. Funds in this category can only be used for Transportation related activities.

Proposition 400 Revenue Fund is the Maricopa County voter-approved Proposition 400 for a 20-year continuation of the half-cent sales tax for Transportation projects in Maricopa County. Funds in this category can only be used for Transportation related activities.

Federal Aid are funds obtained through federal grants such as Community Development Block Grants (CDBG) and Federal Transit Administration.

State Aid are funds obtained through state grants such as Arizona Department of Transportation Aeronautics Division.

General funds are revenue sources such as State shared revenues and local sales tax.

Enterprise funds are various city utility operations (electric, gas, water, wastewater, solid waste and district cooling) or those operations with services that are operated similar to a private business (Golf course, Falcon Field and the Convention Center). These operations are evaluated for cost recovery from customers utilizing their services.

General Obligation Bonds are issued for a variety of capital improvement projects and equipment. Limitations on bonding capacity are set by State of Arizona statute. There are two categories of general obligation bonds, 20% and 6%.

Utility Revenue (UR) Bonds are bonds that have no statutory limitations as to the amount of issuance. Projects that fall into this category are Gas, Water, Wastewater, and Electric projects. Bonds used for these projects are repaid from revenues received from the City's customers of that particular utility.

FUTURE AUTHORIZATION – Projects funded with dollars that will require a future bond authorization.

ITD – Information technology department

IGA – Intergovernmental Agreement

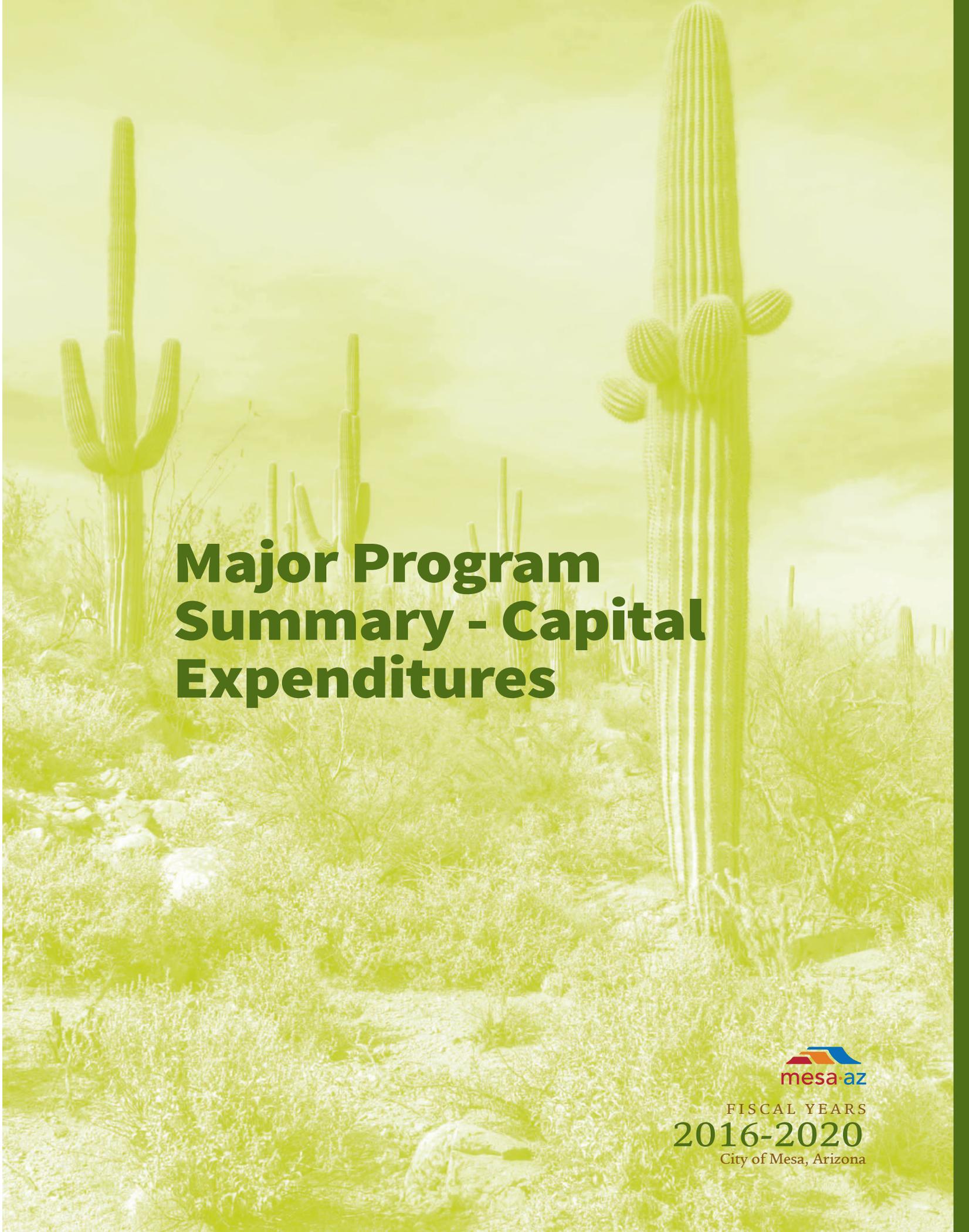
MAG – Maricopa Association of Governments

MESA SHARE – The City of Mesa's portion in a cost share project.

NON-CAPITALIZED ASSET - An item of machinery or furniture having a unit cost of less than \$5,000.

PROGRAM – A group of related functions/ activities/sub-activities performed by one or more responsibility centers for the purpose of accomplishing an activity or group or activities for which the City is responsible.

PURCHASED CAPITAL OUTLAY - Acquisition of any item of capital that is complete in and of itself when it is purchased.

A photograph of a desert landscape featuring several tall saguaro cacti. The scene is bathed in a warm, golden-yellow light, likely from a low sun, creating a hazy atmosphere. The cacti are of various sizes and stages of growth, with some having multiple arms. The ground is covered with sparse, low-lying desert vegetation and scattered rocks.

Major Program Summary - Capital Expenditures



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Arts And Culture

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
21st Century Cafe (ArtPlace Grant)	CP0347	\$301,496	-	-	-	-	-	\$301,496
Mesa Arts Center Grating Modification	CP0552	\$54,234	-	-	-	-	-	\$54,234
Museum & Cultural Resource Expansion (Federal Building)	CP0213	\$2,435,000	\$2,785,802	-	-	-	-	\$5,220,802
Total for Arts And Culture		\$2,790,730	\$2,785,802	-	-	-	-	\$5,576,532

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Cemetery

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Future Cemetery Expansion	CP0210	\$526,608	\$923,564	-	-	\$17,329	\$346,299	\$1,813,800
Total for Cemetery		\$526,608	\$923,564	-	-	\$17,329	\$346,299	\$1,813,800

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Community Development

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Mesa CAN Tenant Improvements	CP0346	\$398,700	-	-	-	-	-	\$398,700
Oakwood Creative Care Rehabilitation	CP0333	\$55,541	-	-	-	-	-	\$55,541
Total for Community Development		\$454,241	-	-	-	-	-	\$454,241

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Communications

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Fiber to Radio Network Backbone Sites	CP0092	\$4,339,769	-	-	-	-	-	\$4,339,769
Microwave Network Replacement	CP0093	-	-	-	-	\$1,300,170	\$2,832,466	\$4,132,636
Regional Communications Authority	CP0438	-	-	-	\$791,070	-	-	\$791,070
TOPAZ Voice Radio Network Upgrade/Replacement	CP0090	\$5,067,656	\$1,700,742	\$781,574	\$797,111	\$812,181	-	\$9,159,264
Total for Communications		\$9,407,425	\$766,762	\$781,574	\$1,588,181	\$2,112,351	\$2,832,466	\$17,488,759

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Electric

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Electric Distribution - Overhead	C09019	\$1,509,776	\$792,881	\$725,896	-	-	\$2,630,773	\$5,659,326
Electric Distribution - Underground	C09020	\$2,251,534	\$2,241,380	\$2,284,679	-	-	\$10,117,386	\$16,894,979
Electric Distribution - Underground	CP0329	\$437,010	-	-	-	-	-	\$437,010
Electric Generation	CP0082	\$265,265	\$269,138	\$274,338	-	-	\$1,200,447	\$2,009,188
Electric Master Plan	CP0080	\$261,384	\$161,483	\$164,602	-	-	\$58,219	\$645,688
Electric Metering	C09024	\$965,488	\$828,028	\$841,628	\$872,176	\$886,819	\$3,884,820	\$8,278,959
Electric New Services	C09023	\$1,069,610	\$1,076,552	\$1,097,348	-	-	\$4,801,794	\$8,045,304
Electric New Services	CP0313	\$677,277	-	-	-	-	-	\$677,277
Electric New Services	CP0534	\$25,848	-	-	-	-	-	\$25,848
Electric Smart Grid	CP0081	\$169,770	\$172,248	\$175,576	-	-	\$186,301	\$703,895
Electric Substation Improvements	C09022	\$1,440,142	\$1,259,556	\$1,124,782	-	-	\$29,109	\$3,853,589
Electric Transmission	C09021	\$206,676	\$107,655	\$109,734	-	-	-	\$424,065
Pocket Parks 4kV Electric Substation Conversions	CP0437	\$100,000	-	-	-	-	-	\$100,000
Substation to Park Conversion	CP0522	\$116,717	-	-	-	-	-	\$116,717
Total for Electric		\$9,496,497	\$6,908,921	\$6,798,583	\$872,176	\$886,819	\$22,908,849	\$47,871,845

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Falcon Field Airport

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Access Road Improvements	CP0405	\$100,976	-	-	-	-	-	\$100,976
Acute Angle Taxiways	CP0416	\$1,341,891	-	-	-	-	-	\$1,341,891
Airfield Lighting and Signage Upgrade	CP0114	\$175,000	\$1,124,047	-	-	-	-	\$1,299,047
Airport Historic Zone Improvements	C09036	\$1,771,286	\$623,979	\$636,033	-	-	-	\$3,031,298
Airport Terminal Building Upgrades	C10437	\$1,715,646	-	-	-	-	-	\$1,715,646
Anzio Ramp Expansion, Access Road and Lighting	C07042	-	-	-	-	\$193,122	\$600,276	\$793,398
Apron Lighting	C06033	-	\$112,182	\$1,040,572	-	-	-	\$1,152,754
Automated Surface Observing System (ASOS)	C10470	\$97,571	-	-	-	-	-	\$97,571
Blast Pads for Runway 4L-22R	C07044	\$456,231	-	-	-	-	-	\$456,231
City Hangar Electrical Upgrades	CP0258	\$210,427	-	-	-	-	-	\$210,427
Eastside Taxi Lane	C06020	-	-	-	-	\$632,553	\$3,660,092	\$4,292,645
Emergency Generator Evaluation for FAA Tower	CP0549	\$1,600	-	-	-	-	-	\$1,600
Falcon Field Master Plan	CP0256	-	\$308,824	-	-	-	-	\$308,824
Falcon Field Tree Removal	CP0398	-	-	-	\$191,855	\$1,326,928	-	\$1,518,783
Gate Systems Upgrade	CP0403	\$300,213	-	-	-	-	-	\$300,213
Hot Maintenance Facility	CP0407	-	-	\$323,614	-	-	-	\$323,614
J-Hangar Rebuild	CP0257	\$813,856	-	-	-	-	-	\$813,856
Lease Parcel Improvements	CP0406	\$131,300	-	-	-	-	-	\$131,300

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Falcon Field Airport

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Operations Sweeper Maintenance Facility	CP0408	\$40,049	-	-	-	-	-	\$40,049
Runway 22L Run up Area	CP0524	-	-	\$263,318	\$1,223,406	-	-	\$1,486,724
Runway 22R Approach Easement	CP0400	-	-	-	-	\$692,293	-	\$692,293
Safety Area Improvements	CP0397	-	-	\$146,288	\$1,750,775	\$2,943,605	-	\$4,840,668
Taxiway A and C Reconfiguration	C10439	\$1,856,712	\$1,777,734	-	-	-	-	\$3,634,446
Wash Rack Shade Structure	C07039	\$751,307	-	-	-	-	-	\$751,307
Total for Falcon Field Airport		\$9,764,065	\$5,265,746	\$2,409,825	\$3,166,036	\$5,788,501	\$4,260,368	\$29,335,561

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Fire

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Emergency Generator Replacement	CP0101	-	-	-	\$530,027	\$540,566	-	\$1,070,593
Fire Apparatus	CN0002	\$3,807,336	\$2,671,542	\$2,891,529	\$4,402,767	\$3,370,328	\$14,411,341	\$31,554,843
Fire Operations Center	CP0097	-	-	-	-	\$97,387	-	\$97,387
Fire Station 203: Relocation	C10127	\$2,787,228	-	-	-	-	-	\$2,787,228
Fire Station 205: Rebuild	C10120	-	-	-	\$434,995	\$1,965,440	\$5,258,066	\$7,658,501
Fire Station 221: Eastmark	CP0102	-	-	-	\$319,388	\$1,488,225	\$3,985,643	\$5,793,256
Fire Station 222: Battalion Headquarters	C10119	-	-	-	-	\$444,518	\$5,706,828	\$6,151,346
Fire Stations 209, 210: Expansion	C10121	-	-	-	\$184,794	\$2,073,418	-	\$2,258,212
Fire Stations 213, 214: Expansion	C10421	-	-	-	\$197,837	\$2,236,532	-	\$2,434,369
Fire Stations: Land Acquisition for New Stations	CP0103	-	-	-	\$2,636,895	-	-	\$2,636,895
Mesa Regional Dispatch and Emergency Operations Center	CP0340	\$1,046,627	\$10,015,864	\$1,803,529	-	-	-	\$13,800,000
Public Safety Training Facility: Audio-Visual Training Classroom	C10420	-	-	-	\$251,217	\$2,348,458	-	\$2,599,675
Public Safety Training Facility: Burn Room	CP0096	\$1,826,430	-	-	-	-	-	\$1,826,430
VHF Radio System	CP0305	\$1,501,650	\$1,523,574	\$517,669	-	-	-	\$3,542,893
Total for Fire		\$10,969,271	\$15,144,960	\$6,146,707	\$8,957,920	\$14,564,872	\$29,361,878	\$85,145,608

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

General Government

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
CIP Bond Issuance Cost	CN0017	\$320,000	-	-	-	-	-	\$320,000
CNG Facilities (East & West)	CP0440	\$7,342,600	-	-	-	-	-	\$7,342,600
Electrical System Redundancy for ITD Building-Design Only	CP0453	\$97,388	-	-	-	-	-	\$97,388
Total for General Government		\$7,759,988	-	-	-	-	-	\$7,759,988

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

HEAT Initiative

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Chicago Cubs Spring Training Facility	C10554	\$25,000	\$25,365	\$25,855	\$26,369	\$26,868	\$628,167	\$757,624
Cubs/A's Stadium Signage	CP0436	\$60,125	-	-	-	-	-	\$60,125
Fiesta District Phase I	C10453	\$48,808	-	-	-	-	-	\$48,808
Hohokam & Fitch Park Renovations	CP0206	\$25,000	\$25,365	\$25,855	\$26,369	\$26,868	\$628,167	\$757,624
Mesa Monument Sign	CP0444	\$9,288	-	-	-	-	-	\$9,288
Spring Training Paseo Improvements	CP0395	\$42,800	-	-	-	-	-	\$42,800
Total for HEAT Initiative		\$211,021	\$50,730	\$51,710	\$52,738	\$53,736	\$1,256,334	\$1,676,269

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Intelligent Transportation System

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
East Valley Arterial Congestion Monitoring	CP0419	\$981,871	-	-	-	-	-	\$981,871
Integrate Mesa 911 Call	CP0420	\$128,689	-	-	-	-	-	\$128,689
ITS Technology Hardware	CP0418	\$502,250	\$67,598	-	-	-	-	\$569,848
MAG ITS Projects	CP0109	\$406,625	\$412,562	\$420,531	\$428,892	\$437,000	-	\$2,105,610
Radio Communications ITS Upgrades	CP0417	\$467,819	-	-	-	-	-	\$467,819
Radio Communications ITS Upgrades	CP0345	\$483,592	-	-	-	-	-	\$483,592
West Side Real Time Adaptive Project	C10417	\$460,999	-	-	-	-	-	\$460,999
Total for Intelligent Transportation System		\$3,431,845	\$480,160	\$420,531	\$428,892	\$437,000	-	\$5,198,428

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Library

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Main Library Lighting Improvements	CP0431	\$619,864	-	-	-	-	-	\$619,864
Total for Library		\$619,864	-	-	-	-	-	\$619,864

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Mesa Convention Center

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Mesa Convention Center Renovation	CP0551	\$193,000	-	-	-	-	-	\$193,000
Total for Mesa Convention Center		\$193,000	-	-	-	-	-	\$193,000

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Natural Gas Aging Infrastructure

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Attaway and Judd Road High Pressure Gas Main	C04037	\$169,960	-	-	-	-	-	\$169,960
Center Street Gas Line Replacement from University to Brown	C10387	\$21,531	\$554,075	-	-	-	-	\$575,606
Cooper Rd. Main Gas Line	CP0224	\$804,949	-	-	-	-	-	\$804,949
Crimson Rd. IP Cross-tie Grandview to Inglewood	CP0074	\$528,369	-	-	-	-	-	\$528,369
Gas Line Replacement - Quail Run	C07026	\$528,785	-	-	-	-	-	\$528,785
Gas Main Replacement- Ocotillo Rd - Taylor St to Gantzel Rd	CP0222	\$230,883	-	-	-	-	-	\$230,883
Gas Main Replacements - Magma Service Area	CP0153	\$438,879	\$475,547	\$517,724	-	-	\$2,669,506	\$4,101,656
Gas Regulator Station 56 Relocation	CP0447	\$265,195	-	-	-	-	-	\$265,195
Gas System: Aging Infrastructure Replacement	CP0155	\$2,393,929	\$2,593,936	\$2,823,999	-	-	\$14,024,879	\$21,836,743
Magma Road; Hunt Hwy to Johnson Ranch - 4-inch Pipe	C10377	\$50,673	-	-	-	-	-	\$50,673
Meridian and Combs Gas Line Replacement	CP0223	\$570,833	-	-	-	-	-	\$570,833
Power and Elliot Regulator Station	CP0073	\$317,051	-	-	-	-	-	\$317,051
SCADA System for the Natural Gas Distribution System	C01886	\$378,690	\$67,129	\$92,576	-	-	\$86,248	\$624,643
Southern Avenue: Greenfield Road to 48th Street	C10373	\$706,669	-	-	-	-	-	\$706,669

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Natural Gas Aging Infrastructure

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
University; Alma School to Country Club	CP0220	-	-	\$32,761	-	-	\$819,830	\$852,591
Aging Infrastructure Replacement QS13C, QS21A, & QS20D	C10380	\$419,064	\$6,282,311	-	-	-	-	\$6,701,375
Aging Infrastructure Replacement QS21D, Clark, and Pepper	C10382	\$2,801,183	-	-	-	-	-	\$2,801,183
Aging Infrastructure Replacement QS28B & QS28D	C10383	\$1,721,217	\$2,350,823	-	-	-	-	\$4,072,040
Aging Infrastructure Replacement 8th Street	C10385	\$499,937	\$461,540	\$5,227	-	-	\$71,639	\$1,038,343
Total for Natural Gas Aging Infrastructure		\$12,847,797	\$12,785,361	\$3,472,287	-	-	\$17,672,102	\$46,777,547

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Natural Gas Growth

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Gas Meters: New and Replacement	CP0156	\$743,290	\$766,548	\$781,506	\$853,920	\$866,416	\$3,747,004	\$7,758,684
Gas System - New Mains	CP0481	\$121,382	-	-	-	-	-	\$121,382
Gas System - New Mains	CP0311	\$1,052,415	-	-	-	-	-	\$1,052,415
Gas System - New Mains	CP0152	\$3,395,116	\$3,386,018	\$3,624,000	-	-	\$17,962,677	\$28,367,811
Gas System - New Services	CP0480	\$80,168	-	-	-	-	-	\$80,168
Gas System - New Services	CP0310	\$154,721	-	-	-	-	-	\$154,721
Gas System - New Services	CP0151	\$2,171,686	\$2,297,656	\$2,369,698	-	-	\$12,188,956	\$19,027,996
High Pressure Gas Main Installations	CP0154	\$657,853	\$700,829	\$750,084	-	-	\$3,717,863	\$5,826,629
Magma Utility Service Center	CP0071	-	-	\$503,123	-	-	-	\$503,123
McDowell and Greenfield Regulator Station	CP0076	\$12,621	\$321,603	-	-	-	-	\$334,224
Meridian and Queen Creek GRS97 Redesign	CP0394	\$10,781	\$264,069	-	-	-	-	\$274,850
Meridian Rd Cross-Tie	CP0393	\$392,986	-	-	-	-	-	\$392,986
Regulator Station, Hawes: McKellips Road to Hermosa Vista	CP0075	\$76,258	\$883,431	-	-	-	-	\$959,689
Regulator Station, Higley; McDowell to Thomas	CP0181	\$123,893	\$1,474,154	-	-	-	-	\$1,598,047
Total for Natural Gas Growth		\$8,993,170	\$10,094,308	\$8,028,411	\$853,920	\$866,416	\$37,616,500	\$66,452,725

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Natural Gas System Reinforcement

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
District Regulator Station, Skyline and Circle Cross Ranch	C10376	\$2,899,447	-	-	-	-	-	\$2,899,447
McDowell Road; 80th Street to Hawes Road	CP0072	\$507,024	-	-	-	-	-	\$507,024
Power Road and Brown Road Cross-Tie	CP0077	\$49,946	\$428,568	-	-	-	-	\$478,514
Regulator Station Security	C10388	\$56,353	\$58,154	\$60,297	-	-	\$275,946	\$450,750
Total for Gas System Reinforcement		\$3,512,770	\$486,722	\$60,297	-	-	\$275,946	\$4,335,735

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Parks & Recreation

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Baseball Lighting	CP0298	\$964,198	-	-	\$484,135	\$488,989	\$500,400	\$2,437,722
Desert Arroyo Park	CP0120	\$1,535,268	-	-	-	-	-	\$1,535,268
Eagles Park (Former Mesa Jr)	CP0211	-	\$3,365,972	-	-	-	\$1,980,818	\$5,346,790
Engineering Park Irrigation Projects	CP0485	\$114,871	-	-	-	-	-	\$114,871
Engineering Park Irrigation Projects	CP0485	\$960,577	-	-	-	-	-	\$960,577
Existing Park Improvements	CP0226	-	-	-	\$454,817	\$3,890,092	-	\$4,344,909
Existing Parks Bond Improvements	CP0191	\$1,274	-	-	-	-	-	\$1,274
Fiesta Sports Park	CP0009	\$4,761,714	-	-	-	-	-	\$4,761,714
Gene Autry Park Improvements	CP0559	\$421,014	-	-	-	-	-	\$421,014
Greenfield Park Urban Fishing Lake	CP0010	-	\$1,295,454	\$2,182,356	-	-	-	\$3,477,810
Guerrero-Rotary Park Rehab	CP0502	\$308,701	-	-	-	-	-	\$308,701
Kleinman Park	CP0553	-	\$1,318,980	-	-	-	\$3,967,864	\$5,286,844
Landscape/Irrigation	CP0299	\$3,753,795	\$267,666	\$2,667,769	\$2,564,808	\$506,340	-	\$9,760,378
Mariposa Park	CP0123	\$74,604	-	-	-	-	-	\$74,604
Mesa City Center	CP0013	\$582,931	-	-	-	-	-	\$582,931
Minor Equipment	CP0303	\$613,573	\$244,555	-	-	-	-	\$858,128
Monterey Park Expansion	CP0007	-	\$1,419,957	-	-	-	-	\$1,419,957
Parks Irrigation Controllers	CN0009	\$543,899	\$25,365	\$293,584	\$315,241	\$25,658	\$26,200	\$1,229,947
Parks Irrigation Controllers	CN0009	\$1,103,386	-	-	-	-	-	\$1,103,386
Pioneer Park Renovations	CP0015	\$3,760,196	-	-	-	-	-	\$3,760,196

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Parks & Recreation

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Playground Improvements	CP0486	\$752,700	-	-	-	-	-	\$752,700
Playground Improvements	CP0486	\$1,164,200	-	-	-	-	-	\$1,164,200
Playground Upgrades	CP0300	\$504,671	\$919,366	\$19,081	\$332,065	\$346,183	\$336,407	\$2,457,773
Playground Upgrades - Parks	CN0300	\$100,000	\$279,015	\$103,420	\$105,476	\$107,470	\$336,407	\$1,031,788
Pool Improvements	CP0301	\$91,800	-	\$155,130	\$79,107	\$306,289	-	\$632,326
Pool Improvements	CP0487	\$235,000	-	-	-	-	-	\$235,000
Pool Improvements	CP0487	\$265,000	-	-	-	-	-	\$265,000
Pool Improvements - Parks	CN0301	\$43,000	\$116,679	\$98,249	\$79,107	-	-	\$337,035
Recreation Facility Improvements	CP0488	\$357,500	-	-	-	-	-	\$357,500
Recreational Facility Upgrade	CP0302	\$561,104	\$60,876	-	\$290,549	\$311,208	\$2,587,134	\$3,810,871
Recreational Facility Upgrades - Parks	CN0302	-	\$214,588	-	-	-	-	\$214,588
Rio Salado Pathway Segment 4	CP0332	\$1,924,854	-	-	-	-	-	\$1,924,854
Riverview Park Modifications	CP0547	\$82,800	-	-	-	-	-	\$82,800
Riverview Quad Lights	CP0565	\$1,450,000	-	-	-	-	-	\$1,450,000
Rotary Memorial Field	CP0564	\$50,000	-	-	-	-	-	\$50,000
Signal Butte & Elliot Park Development	CP0121	-	-	\$397,534	\$1,595,690	-	\$3,525,136	\$5,518,360
Southeast Mesa Bike & Pedestrian Path	CP0198	\$1,541,377	-	-	-	-	-	\$1,541,377
West Mesa Connector Shared Use Path	CP0108	\$2,964,327	-	-	-	-	-	\$2,964,327
Total for Parks & Recreation		\$31,588,334	\$9,528,473	\$5,917,123	\$6,300,995	\$5,982,229	\$13,260,366	\$72,577,520

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Police

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Aviation Unit Hangar Remodel	CP0216	\$290,193	-	-	-	-	-	\$290,193
Central Basement Refurbishment	CP0540	-	-	-	\$341,544	\$3,173,883	-	\$3,515,427
Central Community Media Room	CP0542	\$177,100	-	-	-	-	-	\$177,100
Communications Building Facility Improvements	CP0214	\$2,850,135	-	-	-	-	-	\$2,850,135
Dobson Substation Remodel	CP0494	\$65,580	-	-	-	-	-	\$65,580
Eastside Improvements at Phx-Mesa Gateway Airport	CP0217	-	-	\$3,102,600	\$2,109,520	-	-	\$5,212,120
Evidence Shelving	CP0541	\$500,000	-	-	-	-	-	\$500,000
Firearms Range Improvement Project	CP0341	\$1,501,092	-	-	-	-	-	\$1,501,092
Impound Lot Expansion	CP0539	\$19,808	-	-	-	-	-	\$19,808
Metro Building Site Hardening	CP0546	-	-	-	\$831,371	-	-	\$831,371
PD Evidence Freezer Master Plan	CP0455	\$10,613	-	-	-	-	-	\$10,613
PD Headquarters Renovations	CP0204	-	-	-	\$483,946	\$4,694,981	-	\$5,178,927
Police Aviation (Helicopter)	CN0001	-	-	-	\$3,848,703	-	-	\$3,848,703
Police Central	CP0128	\$206,726	-	-	-	-	-	\$1,826,726
Police Evidence Freezer	CP0433	\$850,854	-	-	-	-	-	\$850,854
Police Holding Facility Improvements	CP0084	\$1,775,238	-	-	-	-	-	\$155,238
Police HQ Facility; Remodel 3rd & 4th Floors	CP0443	-	-	-	\$203,548	\$2,864,835	-	\$3,068,383
Police Shooting Range Expansion	CP0543	-	-	-	\$872,248	-	-	\$872,248

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Police

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Red Mountain Substation - Phase II	CP0087	-	-	-	\$1,590,905	\$10,394,792	\$4,678,412	\$16,664,109
Total for Police		\$8,247,339	\$2,676,474	\$3,102,600	\$10,281,785	\$21,128,491	\$4,678,412	\$50,115,101

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Regional Transportation Plan

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Mesa Drive Phase II	C01400	\$8,788,239	\$10,952,658	-	-	-	-	\$19,740,897
Southern Avenue and Country Club Drive Intersection	C01434	-	-	\$99,059	-	-	\$20,151,897	\$20,250,956
Southern Avenue and Stapley Drive Intersection	C01814	-	-	\$87,788	-	\$1,112,315	\$28,743,834	\$29,943,937
Stapley Drive and University Drive Intersection	C05041	-	-	-	-	\$2,190,921	\$23,581,950	\$25,772,871
Transportation Funded Projects	CP0158	\$17,272,067	\$16,899,943	\$23,225,101	\$36,762,259	\$44,719,144	\$46,040,334	\$184,918,848
Total for Regional Transportation Plan		\$26,060,306	\$27,852,601	\$23,411,948	\$36,762,259	\$48,022,380	\$118,518,015	\$280,627,509

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Shared Use Paths

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Bike and Ped Pilot projects	CP0531	\$5,175	\$378,040	\$379,991	-	-	-	\$763,206
Dobson Road 'Complete Streets' Feasibility Study	CP0161	-	-	-	\$186,678	\$190,207	\$2,303,212	\$2,680,097
Dobson Road Pedestrian and Bicycle Route Improvements	C06008	\$3,084,663	-	-	-	-	-	\$3,084,663
Fiesta Paseo Pathway and Micro Park	C06037	\$1,872,334	-	-	-	-	-	\$1,872,334
Lighting on Consolidated Canal Phase 2, Adobe to Lindsay	CP0274	\$60,548	\$591,212	-	-	-	-	\$651,760
Main Street 'Complete Streets' Feasibility Study	CP0160	-	-	-	-	\$284,753	\$3,254,330	\$3,539,083
Porter Park Pathway	C10460	\$1,616,601	-	-	-	-	-	\$1,616,601
Rio Salado Pathway Segment 3	C10469	\$1,448,485	-	-	-	-	-	\$1,448,485
Rio Salado Pathway Segment 4	CP0332	\$1,924,854	-	-	-	-	-	\$1,924,854
Southeast Mesa Bike & Pedestrian Path	CP0198	\$1,541,377	-	-	-	-	-	\$1,541,377
Southeast Mesa Bike and Pedestrian Path (Segments 2-5)	CP0529	-	-	-	\$176,850	\$2,849,749	\$7,769,320	\$10,795,919
Shared Use Path - US 60 R.O.W.	CP0282	-	-	-	-	\$835,349	\$10,610,584	\$11,445,933
SUP - Bike Share Phase 2	CP0421	-	\$261,212	\$272,336	\$5,005	\$5,192	\$22,238	\$565,983
West Mesa Connector Shared Use Path	CP0108	\$2,964,327	-	-	-	-	-	\$2,964,327
Total for Shared Use Paths		\$8,087,806	\$1,230,464	\$652,327	\$368,533	\$4,165,250	\$23,959,684	\$38,464,064

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Storm Sewer

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
10th Ave and Serrine	CP0558	\$200,000	-	-	-	-	-	\$200,000
2nd Ave and Solomon	CP0554	\$2,000,000	-	-	-	-	-	\$2,000,000
Emerald Area Drainage	CP0555	\$500,000	-	-	-	-	-	\$500,000
Horne Storm Drain System	CP0557	\$2,200,000	-	-	-	-	-	\$2,200,000
Royal Palms	CP0556	\$200,000	-	-	-	-	-	\$200,000
Storm Drain Pump Stations	CP0491	\$2,053,600	-	-	-	-	-	\$2,053,600
Total for Storm Sewer		\$7,474,886	-	-	-	-	-	\$7,474,886

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Streets

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Streets - Economic Development	CP0342	\$3,092,201	\$4,151,946	-	\$2,109,520	\$3,224,100	\$11,333,640	\$23,911,407
10th Street Traffic Calming	CP0343	\$1,114,960	-	-	-	-	-	\$1,114,960
2013 Streets Cityshare	CN0003	\$500,000	\$1,521,901	\$1,551,301	\$527,381	\$1,113,390	\$3,485,176	\$8,699,149
Arterial Reconstruction	CP0439	\$8,692,116	\$8,688,528	\$8,471,132	\$4,219,039	\$8,036,108	\$33,640,699	\$71,736,922
Arterial Street Reconstruction Group 3	C10559	\$681,521	-	-	-	-	\$243,775	\$925,296
Bridge Sidewalk Ramp Improvements	CP0185	\$429,697	-	-	-	-	-	\$429,697
Broadway Road: Dobson Road to Country Club Drive	CP0029	-	-	\$64,990	-	-	\$31,186,435	\$31,251,425
Crismon and US 60 Dual Left Turn Conversion	CP0283	\$113,735	-	-	-	-	-	\$113,735
DCR Germann & Sossaman Intersection	CN0004	\$55,134	-	-	-	-	-	\$55,134
Dobson Road, US 60 to Broadway	CP0530	-	-	\$16,056	\$472,696	\$2,817,494	\$5,317,321	\$8,623,567
Fiesta District Improvements Phase II	CP0275	\$8,758,520	-	-	-	-	-	\$8,758,520
Illuminated Street Name Signs	CP0278	-	-	-	\$415,380	\$423,233	\$873,746	\$1,712,359
LRT West of Dobson Road	CP0281	-	-	-	-	\$236,434	-	\$236,434
Mesa Drive Pedestrian Plazas	CP0273	\$321,286	-	-	-	-	-	\$321,286
McKellips Road and Val Vista Drive Intersection Improvements	CP0056	-	\$229,977	\$2,667,083	-	-	-	\$2,897,060

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Streets

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Mesa Drive: Main to University Drive	C10561	\$402,962	-	-	-	-	\$315,654	\$718,616
Neighborhood Transportation Improvements	CP0532	\$20,350	\$396,063	\$379,991	-	-	-	\$796,404
Railroad Quiet Zone	CP0426	\$397,998	\$205,964	-	-	-	-	\$603,962
Right-of-way Improvements	CP0279	\$706,831	\$4,046,335	-	\$632,856	\$322,410	\$1,810,188	\$7,518,620
Roosevelt Road Improvements from Broadway to 8th	CP0528	\$128,340	\$857,206	-	-	-	-	\$985,546
Rusted Streetlight Pole Replacement	CP0432	\$864,907	\$710,220	\$132,378	-	-	-	\$1,707,505
Streetlight Spot Improvement	CP0294	\$828,000	\$735,078	\$267,599	-	-	-	\$1,830,677
Traffic Signals - New & Upgrades	CP0312	\$136,030	-	-	-	-	-	\$136,030
Traffic Signals - New and Upgrade	CP0450	\$1,748,203	\$1,159,868	\$1,182,275	\$1,205,778	\$1,228,574	\$5,173,418	\$11,698,116
Traffic Signals - New and Upgrades	C01365	\$37,327	-	-	-	-	-	\$37,327
UPRR Crossing Improvements, Dobson and Alma School	CP0184	\$336,111	-	-	-	-	-	\$336,111
Water Ponding 10th Avenue & Serrine (Lincoln Elem)	CP0527	\$206,000	-	-	-	-	-	\$206,000
Total for Streets		\$29,572,229	\$22,703,086	\$14,732,805	\$9,582,650	\$17,401,743	\$93,380,052	\$187,361,865

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Transit

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Central Mesa Light Rail Extension	C09046	\$4,010,064	-	-	-	-	-	\$4,010,064
Central Mesa LRT Extension Concurrent Non-Project Activities	CP0069	\$275,083	-	-	-	-	-	\$275,083
East Mesa Service Center Wash Rack	CP0348	\$298,988	-	-	-	-	-	\$298,988
Gilbert LRT Concurrent Non-Project Activities	CP0562	\$40,500	\$1,139,561	-	-	-	-	\$1,180,061
Gilbert Road LRT Extension	CP0296	\$1,044,017	\$1,021,524	\$1,403,850	\$1,716,361	\$1,253,675	\$3,072,063	\$9,511,490
Total for Mass Transit		\$5,668,652	\$2,161,085	\$1,403,850	\$1,716,361	\$1,253,675	\$3,072,063	\$15,275,686

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Wastewater Contractual Obligations

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
91st Ave Wastewater Treatment Plant Upgrades (Mesa Share)	CP0141	\$4,004,701	\$5,931,919	\$3,466,647	\$6,042,154	\$7,801,791	\$14,933,830	\$42,181,042
Total for Wastewater Contractual Obligations		\$4,004,701	\$5,931,919	\$3,466,647	\$6,042,154	\$7,801,791	\$14,933,830	\$42,181,042

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Wastewater Customer Demand - Citywide

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Odor Control Master Plan	CP0349	\$546,671	-	-	-	-	-	\$546,671
Sewer Line Extensions to Unsewered Areas	CP0330	\$568,580	\$576,882	\$588,026	\$599,716	-	\$1,912,742	\$4,245,946
Southeast Water Reclamation Plant Grit Removal Facilities	CP0203	\$2,648,657	-	-	-	-	-	\$2,648,657
Total for Wastewater Customer Demand - Citywide		\$3,763,908	\$576,882	\$588,026	\$599,716	-	\$1,912,742	\$7,441,274

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Wastewater Customer Demand in SE Mesa

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Rittenhouse Road Sewer	C09005	\$2,497,980	-	-	-	-	-	\$2,497,980
Pecos Road Relief Sewer, Ellsworth to Power	C10282	-	\$422,381	\$4,483,702	-	-	-	\$4,906,083
Greenfield Water Reclamation Plant Primary Odor Control	C10335	\$3,193,451	-	-	-	-	-	\$3,193,451
Williams Field Road Sewer: Ellsworth to Mountain	C10425	\$2,395,194	-	-	-	-	-	\$2,395,194
Ellsworth Road Wastewater Line; Ray Road to State Route 24	C10462	\$1,580,681	-	-	-	-	-	\$1,580,681
Warner Road: Power Road to Ellsworth Road	CP0037	\$2,984,030	-	-	-	-	-	\$2,984,030
Greenfield Water Reclamation Plant Expansion	CP0067	\$10,912,474	\$31,194,851	\$128,566,517	\$109,264,106	-	-	\$279,937,948*
Wastewater Oversize and Extensions - Cityshare	CP0143	\$285,422	\$162,843	\$165,989	\$169,289	-	\$539,934	\$1,323,477
Phoenix Mesa Gateway Airport Northeast Area Development Plan	CP0374	\$57,780	\$357,275	-	-	-	-	\$415,055
Phoenix Mesa Gateway Airport Northeast Area Development Plan	CP0375	\$186,180	\$1,141,915	-	-	-	-	\$1,328,095
Ellsworth Rd. Sewer: Elliot to Ray	CP0376	\$247,377	\$2,074,201	-	-	-	-	\$2,321,578
Total for Wastewater Customer Demand in SE Mesa		\$24,340,569	\$35,353,466					

*Greenfield Water Reclamation Plant Expansion budget includes the total project budget of \$172,974,577 with the City of Mesa serving as manager of the GWRP Joint Venture and the budget of \$107,291,640 in wastewater bonds for the City of Mesa portion of the cost as a customer of the plant.

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Wastewater Lifecycle

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Diversion Structures Rehabilitation	C01687	\$95,862	-	-	-	-	-	\$95,862
Southeast Water Reclamation Plant Disinfection	C05009	\$28,335	-	-	-	-	-	\$28,335
Southeast Water Reclamation Plant Improvements	C05010	\$3,854,069	-	-	-	-	-	\$3,854,069
Northwest Water Reclamation Plant (NWWRP) Facilities Upgrade	C07020	\$712,560	-	-	-	-	-	\$712,560
Northwest Water Reclamation Plant Aeration System Imp	C10478	\$3,942,802	\$551,496	\$562,150	\$573,325	-	\$1,828,572	\$7,458,345
Rehabilitate Broadway Lift Station	C10580	\$919,208	-	-	-	-	-	\$919,208
Southern Avenue Metering Station Electrical Rehab	C10582	\$71,133	-	-	-	-	-	\$71,133
Broadway Road Sewer Line Replacement: Horne to Williams	CP0038	\$284,248	-	-	-	-	-	\$284,248
Ivyglen Sulfide Control Station Rehabilitation	CP0039	\$210,670	-	-	-	-	-	\$210,670
6th Street Sulfide Control Station Rehabilitation	CP0040	\$641,761	-	-	-	-	-	\$641,761
Ranier Lift Station and Sulfide Control Station Rehab	CP0042	\$31,592	-	-	-	-	-	\$31,592
Eagle Crest Lift Station Rehabilitation	CP0043	-	\$68,581	\$642,029	-	-	-	\$710,610
Greenfield Water Reclamation Plant Improvements	CP0045	\$3,651,557	\$10,619,179	\$3,789,032	\$5,410,101	-	\$5,086,473	\$28,556,342
NWWRP Plant Odor Control System Replacements	CP0046	\$214,329	-	-	-	-	-	\$214,329

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Wastewater Lifecycle

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Wastewater Manhole Rehabilitation	CP0140	\$960,331	\$782,007	\$797,114	\$812,960	-	\$2,592,871	\$5,945,283
Small Wastewater Line Repair/Replacement	CP0142	\$13,624	-	-	-	-	-	\$13,624
Wastewater Asset Management	CP0148	\$287,830	\$292,032	\$297,674	\$303,591	-	\$968,281	\$2,149,408
GWRP Headworks & Solids Building Duct Upgrades	CP0263	\$32,667	\$970,730	\$314,899	-	-	-	\$1,318,296
NWWRP Filter Rehabilitation	CP0266	\$1,822,678	-	-	-	-	-	\$1,822,678
NWWRP Perimeter Wall	CP0267	\$84,027	-	-	-	-	-	\$84,027
Small Wastewater Line Repair/Replacement	CP0327	\$1,120,277	\$1,061,739	\$1,082,249	\$1,103,765	-	\$3,520,364	\$7,888,394
GWRP Equipment Replacement	CP0328	\$577,800	\$961,427	\$1,081,585	\$934,881	-	\$920,967	\$4,476,660
SEWRP Equipment Replacement	CP0331	\$115,560	\$240,356	\$119,513	\$121,888	-	\$414,113	\$1,011,430
NWWRP Equipment Replacement	CP0335	\$957,552	\$586,236	\$597,561	\$609,440	-	\$1,943,760	\$4,694,549
Baseline Rd Biofilter Improvements	CP0378	\$63,130	-	-	-	-	-	\$63,130
Southeast Water Reclamation Plant New Maintenance Bldg. Mods	CP0380	\$252,780	-	-	-	-	-	\$252,780
SEWRP Misc Improvements	CP0381	\$2,322,420	\$175,871	-	-	-	-	\$2,498,291
Sewer Line Rehabilitation	CP0383	\$2,262,666	\$3,496,253	\$1,174,948	-	-	\$11,979,453	\$18,913,320
Life Station Equipment Replacement	CP0385	\$57,780	\$58,623	\$59,756	\$60,944	-	\$130,971	\$368,074
Odor Control Station Equipment Replacement	CP0386	\$28,890	\$29,312	\$29,878	\$30,472	-	\$97,189	\$215,741
Rehabilitate Star Valley Lift Station	CP0389	-	-	\$88,529	\$1,218,881	-	-	\$1,307,410

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Wastewater Lifecycle

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Alma School Lift Station Slab Deflection	CP0504	\$33,346	-	-	-	-	-	\$33,346
NWWRP Roof Painting	CP0535	\$216,978	-	-	-	-	-	\$216,978
Total for Wastewater Lifecycle		\$25,868,462	\$19,893,842	\$10,636,917	\$11,180,248	-	\$29,483,014	\$97,062,483

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Contractual Obligations

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
White Mountain Apache Water Settlement	C09011	-	\$3,941,721	\$4,017,867	-	-	-	\$7,959,588
Val Vista Water Treatment Plant (Mesa Share)	C10319	\$4,521,797	\$5,146,066	\$1,606,728	\$3,265,330	\$6,770,610	\$14,053,358	\$35,363,889
Val Vista Pipelines to City Zone Reservoirs	C10597	\$30,101,081	\$4,616,651	-	-	-	-	\$34,717,732
Total for Water Contractual Obligations		\$34,622,878	\$13,704,438	\$5,624,595	\$3,265,330	\$6,770,610	\$14,053,358	\$78,041,209

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Customer Demand Citywide

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Medina & Hawes Street Improvements	CP0255	\$150,895	-	-	-	-	-	\$150,895
Transfer Station 3 Improvements	C10392	\$504,270	\$6,711,752	-	-	-	-	\$7,216,022
Total for Water Customer Demand Citywide		\$655,165	\$6,711,752	-	-	-	-	\$7,366,917

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Customer Demand in Southeast Mesa

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Signal Butte Water Treatment Plant Waterline from CAP to Signal Butte Water Treatment Plant	C01600	\$9,394,766	\$64,703,883	\$53,524,504	-	-	-	\$127,623,153
Signal Butte: Reuban Street to Warner Road -Waterline	C01645	\$2,547,854	\$8,188,248	-	-	-	-	\$10,736,102
Warner Lift Station Modifications	C04053	-	-	\$1,412,255	-	-	-	\$1,412,255
Warner Lift Station Modifications	C05007	\$689,250	-	-	-	-	-	\$689,250
Warner Lift Station Modifications	C05007	\$196,362	-	-	-	-	-	\$196,362
Water and Wastewater Improvements for ASU Polytechnic	C06010	\$2,018,145	-	-	-	-	-	\$2,018,145
Water and Wastewater Improvements for ASU Polytechnic	C06010	\$784,235	-	-	-	-	-	\$784,235
Signal Butte Waterline: Ray Road to Williams Field	C09009	\$231,000	\$2,344,676	-	-	-	-	\$2,575,676
Signal Butte Waterline: Warner to Ray	C10408	\$3,146,850	-	-	-	-	-	\$3,146,850
Ellsworth Road Waterline: SR 24 to Pecos Rd.	C10413	\$261,115	\$3,363,392	-	-	-	-	\$3,624,507
Non-Potable Well for Southeast Mesa	CP0066	\$56,146	\$1,234,019	\$1,198,064	-	-	-	\$2,488,229
Well Collection Line from DWF7 to Pecos	CP0244	-	\$73,116	\$1,204,368	-	-	-	\$1,277,484
Well Collection Line from DWF8 to DWF7	CP0245	-	\$73,116	\$1,204,368	-	-	-	\$1,277,484
Grand Canyon Drive and Silver Street Waterline	CP0252	-	\$77,080	\$478,602	-	-	-	\$555,682

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Customer Demand in Southeast Mesa

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Grand Canyon Drive and Silver Street Waterline	CP0252	-	\$72,443	\$424,888	-	-	-	\$497,331
SE Loop Road Waterline	CP0253	-	\$90,107	\$554,099	-	-	-	\$644,206
Waterline SE Loop Road Waterline	CP0253	-	\$59,659	\$347,237	-	-	-	\$406,896
Mustang Street Waterline	CP0254	-	-	\$57,542	\$353,042	-	-	\$410,584
Mustang Street Waterline	CP0254	-	-	\$73,842	\$433,335	-	-	\$507,177
Phoenix Mesa Gateway Airport NE Area Development Plan Waterline	CP0358	-	\$1,966,639	-	-	-	-	\$1,966,639
Total for Water Customer Demand SE Mesa		\$19,325,723	\$82,246,378	\$60,479,769	\$786,377	-	-	\$162,838,247

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Lifecycle

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Water Asset Management System	CP0136	\$1,177,050	\$1,194,235	\$1,217,305	\$1,241,505	-	\$2,783,229	\$7,613,324
Brown Road Water Treatment Plant Misc. Improvements	C07011	\$2,370,919	\$672,490	-	-	-	\$3,667,553	\$6,710,962
Brown Road Water Treatment Plant Pump St Surge Mitigation	CP0034	\$3,246,992	-	-	-	-	-	\$3,246,992
City Well #10 Collection Pipeline	CP0020	\$185,543	-	-	-	-	-	\$185,543
City Well #13 Re-drill	CP0025	-	-	\$54,296	\$1,340,751	\$1,302,700	-	\$2,697,747
City Well #7 Re-drill	C10474	\$1,023,989	\$1,229,850	-	-	-	-	\$2,253,839
City Well #8 Re-drill	CP0031	\$1,175,012	\$1,229,850	-	-	-	-	\$2,404,862
City Well #9 Re-drill	CP0032	-	\$53,267	\$1,260,321	\$1,278,530	-	-	\$2,592,118
City Well 9 Improvements	CP0511	\$61,329	-	-	-	-	-	\$61,329
Desert Well #18 Equip	C03080	\$1,197,071	-	-	-	-	-	\$1,197,071
Desert Well 19	C05032	\$2,412,065	-	-	-	-	-	\$2,412,065
Desert Well 20 Drill and Equip	C05033	\$594,882	\$603,568	-	-	-	-	\$1,198,450
Desert Wells Zone Well Site Acquisition	C04048	\$262,492	-	\$271,478	\$276,875	\$282,109	\$582,401	\$1,675,355
DMB Well 1 on Crismon between Elliot and Warner (DW-F1)	C10395	-	-	\$58,639	\$1,285,376	\$1,278,639	-	\$2,622,654
DMB Well 2 on Crismon and Warner	C10403	-	-	\$54,296	\$1,285,376	\$1,278,639	-	\$2,618,311
Elliot Road: Hawes to Sossaman Road; Waterline	CP0054	\$226,800	\$2,905,155	-	-	-	-	\$3,131,955

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Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Lifecycle

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Elliot Road: Signal Butte to Hawes Road; Waterline	CP0055	\$999,600	\$14,034,683	-	-	-	-	\$15,034,283
Falcon Field Airport Improvements	CP0505	\$380,685	\$398,114	-	-	-	-	\$778,799
Filter Underdrain Replacement at Brown Rd WTP Filters 13-18	CP0024	\$4,899,972	\$2,349,741	\$2,253,297	-	-	\$7,450,338	\$16,953,348
Fire Hydrant Meters	CP0320	\$10,500	\$10,653	\$10,859	-	-	\$35,324	\$67,336
Fire Hydrant Replacement	CP0323	\$397,688	\$403,494	\$411,289	\$419,465	-	\$1,427,038	\$3,058,974
Pressure Reducing Valve Station Replacements - Citywide	C10391	\$358,639	-	-	-	-	-	\$358,639
Public Safety Facilities at Phoenix-Mesa Gateway Airport	CP0251	-	-	-	-	\$526,930	\$6,365,256	\$6,892,186
Pump Motor & VFD Replacements and Rehab	CP0361	\$265,125	\$268,996	\$274,193	-	-	\$1,013,368	\$1,821,682
Radio Communication Upgrade at Remote Water Facilities	CP0360	\$78,750	\$208,525	\$212,554	\$51,119	-	-	\$550,948
Re-coat Fire Protection Reservoirs at Phx-Mesa Gateway	CP0364	\$284,490	-	-	-	-	-	\$284,490
Replace Mag Meters at Remote Water Facilities	CP0359	\$105,420	\$74,243	\$32,903	-	-	\$71,351	\$283,917
Signal Butte Well Collection Line - DW #18 to Reuban Street	C10394	\$606,566	-	-	-	-	-	\$606,566
Signal Butte Well Collection Line - DW #18 to Warner	C10400	\$1,137,219	-	-	-	-	-	\$1,137,219
Sossaman Rd Waterline: Pecos to North of Williams Field Road	C09013	\$4,224,101	-	-	-	-	-	\$4,224,101

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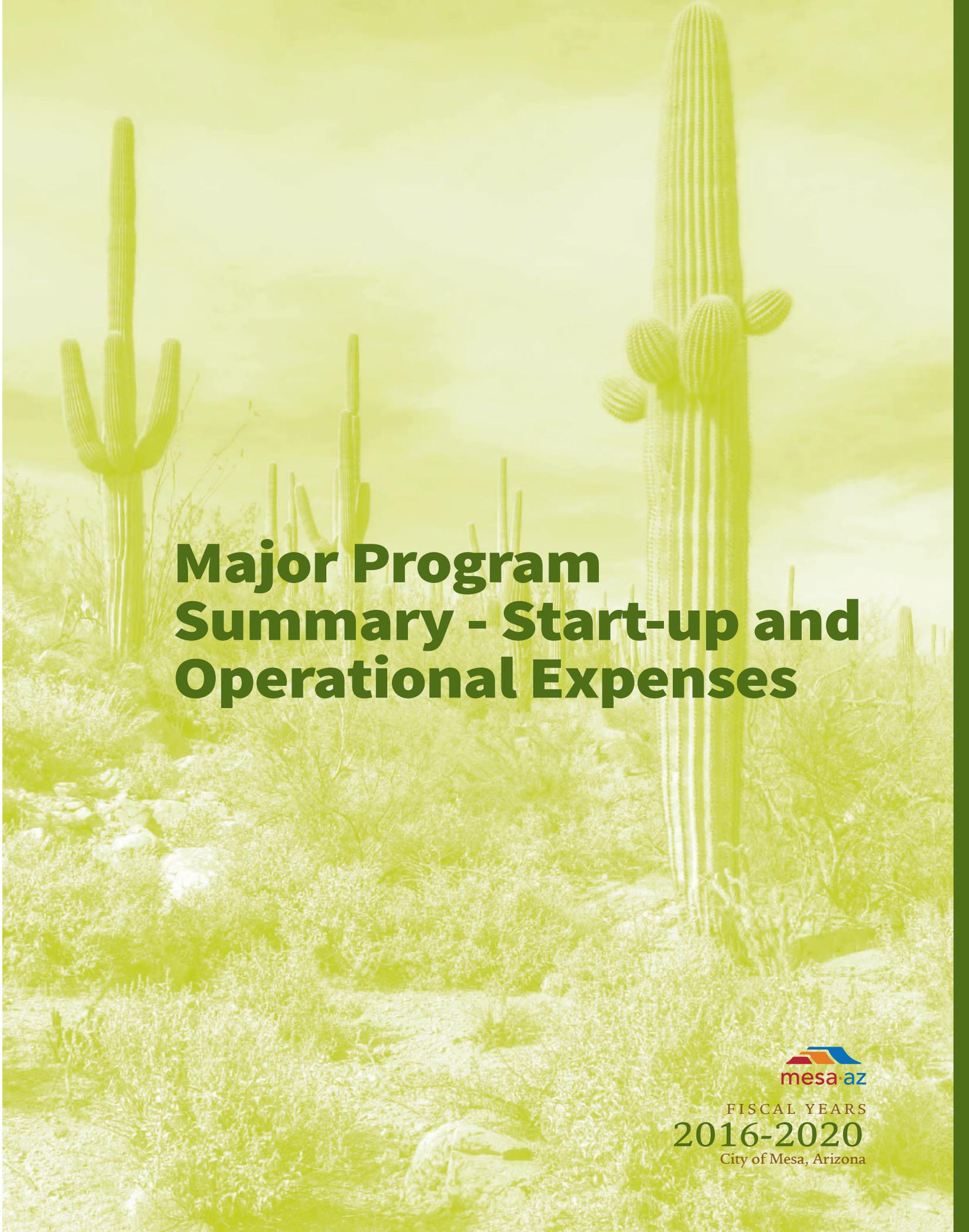
Capital Improvement Program 2016-2020

Program Summary – Capital Expenses

Water Lifecycle

Project Description	Major Program	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Total
Upper Zone Reliability Improvements - Pump Station Upgrades	C10279	\$267,934	-	-	-	-	-	\$267,934
Water Extensions and Oversized Mains	CP0321	\$212,100	\$215,196	\$219,353	-	-	\$713,520	\$1,360,169
Water Facility Security Enhancements	C10450	\$67,200	\$33,877	-	-	-	-	\$101,077
Water Master Plan Update	CP0133	-	-	-	\$276,875	-	\$300,668	\$577,543
Water Meter Vault Rehab	CP0322	\$991,825	\$963,591	\$982,206	-	-	\$3,194,943	\$6,132,565
Water Services Extension and Replacements	CP0319	\$212,100	\$215,196	\$219,353	-	-	\$713,520	\$1,360,169
Water System Aging Main Rehab and Repairs	CP0318	\$571,563	\$1,047,433	-	-	-	\$3,993,999	\$5,612,995
Water System: Aging Main Rehabilitation and Repairs	CP0033	\$379,091	-	-	-	-	-	\$379,091
Water Transmission Main Replacements	CP0023	-	\$443,079	\$4,757,981	-	-	-	\$5,201,060
Water Meter Replacements	CP0325	\$766,500	\$798,998	\$836,151	-	-	\$2,862,150	\$5,263,799
Water Valve Replacement	CP0324	\$371,175	\$376,594	\$383,869	\$391,501	-	\$1,248,660	\$2,771,799
Waterline Replacement QS39C	C10593	-	\$1,993,014	-	-	-	-	\$1,993,014
Waterline Replacement: Center Street	C10414	\$74,649	\$772,561	-	-	-	-	\$847,210
Total for Water Lifecycle		\$31,597,036	\$32,496,403	\$13,510,343	\$7,847,373	\$4,669,017	\$36,423,318	\$126,543,490

Major capital improvement projects often require a multi-year design and construction period. Therefore, the amounts reported in this project summary represent the remaining cost of a project and are not necessarily representative of total project cost.

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Major Program Summary - Start-up and Operational Expenses



FISCAL YEARS
2016-2020
City of Mesa, Arizona

2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Arts And Culture

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Museum & Cultural Resource Expansion	CP0213	1101	Ongoing	-	-	\$103,420	\$105,476	\$107,470
Total for Arts And Culture				-	-	\$103,420	\$105,476	\$107,470

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.

2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Aquatics

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Mesa Regional Aquatics Complex	CP0213	1301	Start-up	\$96,046	-	-	-	-
Mesa Regional Aquatics Complex	CP0213	1101	Ongoing	\$109,855	\$22,507	\$22,942	\$23,398	\$23,840
Total for Aquatics				\$205,901	\$22,507	\$22,942	\$23,398	\$23,840

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.

2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Fire

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Fire Station 221: Eastmark	CP0102	1101	Ongoing	-	-	-	-	\$1,700,326
Mesa Regional Dispatch and Emergency Operations Center	CP0340	1101	Ongoing	-	-	\$229,278	\$215,970	\$220,054
Total for Fire				-	-	\$229,278	\$215,970	\$1,920,380

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2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Intelligent Transportation Systems

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
MAG ITS Projects	CP0109	1206	Ongoing	-	\$8,880	\$13,577	\$18,463	\$23,514
Radio Communication Upgrades	CP0345	1206	Ongoing	-	\$51,906	\$52,910	\$53,962	\$54,982
East Valley Arterial Congestion Monitoring	CP0419	1206	Ongoing	-	\$25,953	\$26,455	\$26,981	\$27,491
Integrated Mesa 911 Call	CP0420	1206	Ongoing	-	\$25,953	\$26,455	\$26,981	\$27,491
Total for Intelligent Transportation System				-	\$112,692	\$119,397	\$126,387	\$133,478

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.

2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Transit

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Central Mesa Light Rail Extension	C09046	1103	Ongoing	\$3,165,000	\$3,211,209	\$3,273,243	\$3,338,315	\$3,401,426
Gilbert Road Light Rail Extension	CP0296	1103	Ongoing	-	-	\$673,816	\$3,432,588	\$3,497,480
Total for Transit				\$3,165,000	\$3,211,209	\$3,947,059	\$6,770,903	\$6,898,906

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2016 -2020 Capital Improvement Program
Program Summary – Start-up and Operational Expenses

Parks & Recreation

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Desert Arroyo Park	CP0120	1301	Startup	\$17,025	-	-	-	-
Desert Arroyo Park	CP0120	1101	Ongoing	\$53,410	\$54,190	\$55,237	\$56,335	\$57,400
Eagles Park	CP0211	1301	Startup	-	-	\$66,242	-	-
Eagles Park	CP0211	1101	Ongoing	-	-	\$228,531	\$232,891	\$237,294
Fiesta Sports Park	CP0009	1301	Startup	-	\$64,986	-	-	-
Fiesta Sports Park	CP0009	1101	Startup	-	\$258,256	\$263,245	\$268,479	\$273,554
Greenfield Park Urban Fishing Lake	CP0010	1301	Startup	-	-	-	\$38,053	-
Greenfield Park Urban Fishing Lake	CP0010	1101	Ongoing	-	-	-	\$228,250	\$232,565
Kleinman Park	CP0553	1301	Startup	-	-	\$53,805	-	-
Kleinman Park	CP0553	1101	Ongoing	-	-	\$51,710	\$52,738	\$53,735
Mariposa Park	CP0123	1301	Startup	\$104,051	-	-	-	-
Mariposa Park	CP0123	1101	Ongoing	\$53,117	\$53,893	\$54,934	\$56,026	\$57,085
Monterey Park Expansion	CP0007	1301	Startup	-	-	\$66,242	-	-
Monterey Park Expansion	CP0007	1101	Ongoing	-	-	\$143,083	\$145,927	\$148,686

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.

2016 -2020 Capital Improvement Program
Program Summary – Start-up and Operational Expenses

Parks & Recreation

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Parks Bond Projects – Positions	CP0183	1101	Ongoing	-	\$251,385	\$132,904	\$73,935	-
Signal Butte & Elliot Park Development	CP0121	1301	Startup	-	-	-	-	\$38,772
Signal Butte & Elliot Park Development	CP0121	1101	Startup	-	-	-	-	\$117,888
Southeast Mesa Bike & Ped Path	CP0198	1101	Ongoing	-	\$19,785	\$20,167	\$20,568	\$20,957
West Mesa Connector Shared Use Path	CP0108	1101	Ongoing	\$18,750	\$19,024	\$19,391	\$19,777	\$20,151
Total for Parks & Recreation				\$246,353	\$747,442	\$1,442,354	\$1,608,366	\$1,876,760

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2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Regional Transportation Plan

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Mesa Drive: 8 th Avenue to Main Street	C01400	1205	Ongoing	-	-	\$44,942	\$45,836	\$46,702
Southern and Country Club Intersection	C01434	1205	Ongoing	-	-	-	\$22,718	\$23,148
Southern and Stapley Intersection	C01814	1205	Ongoing	-	-	-	\$22,166	\$22,585
Stapley and University Intersection	C05041	1205	Ongoing	-	-	-	-	\$22,585
Total for Regional Transportation Plan				-	-	\$44,942	\$90,720	\$115,020

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.

2016 -2020 Capital Improvement Program
Program Summary – Start-up and Operational Expenses

Shared Use Paths

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Bike and Pedestrian Pilot Projects	CP0531	1205	Ongoing	-	\$9,030	\$9,204	\$9,387	\$9,565
Bike Education Program	CP0533	1205	Ongoing	-	\$9,030	\$9,204	\$9,387	\$9,565
Dobson Road Pedestrian and Bicycle Route Improvements	C06008	1205	Ongoing	-	\$9,892	\$10,083	\$10,284	\$10,478
Fiesta Paseo Pathway and Micro Park	C06037	1205	Ongoing	-	\$17,248	\$17,581	\$17,931	\$18,270
Lighting on Consolidated Canal Path Phase II, Adobe to Lindsay	CP0274	1205	Ongoing	-	\$9,263	\$9,442	\$9,630	\$9,812
Porter Park Pathway	C10460	1205	Ongoing	-	\$9,892	\$10,083	\$10,284	\$10,478
Rio Salado Pathway Segment 3	C10469	1101	Ongoing	-	\$9,892	\$10,083	\$10,284	\$10,478
Rio Salado Pathway Segment 3	C10469	1205	Ongoing	-	\$9,892	\$10,083	\$10,284	\$10,478
Rio Salado Pathway Segment 4	CP0332	1205	Ongoing	\$9,750	\$9,892	\$10,083	\$10,284	\$10,478
Southeast Mesa Bike and Pedestrian Path (Segment 1)	CP0198	1205	Ongoing	-	\$37,591	\$38,317	\$39,079	\$39,818
Southeast Mesa Bike and Pedestrian Path (Segments 2-5)	CP0529	1205	Ongoing	-	-	-	\$51,103	\$52,069
West Mesa Connector Share Use Path	CP0108	1205	Ongoing	-	\$37,591	\$38,317	\$39,079	\$39,818
Total for Shared Use Paths				\$9,750	\$169,213	\$172,480	\$227,016	\$231,307

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2016 -2020 Capital Improvement Program
Program Summary – Start-up and Operational Expenses

Streets

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
10 th Street Traffic Calming	CP0343	1205	Ongoing	-	\$37,591	\$38,317	\$39,079	\$39,818
2013 Streets Cityshare	CN0003	1206	Ongoing	-	\$28,901	\$91,320	\$93,135	\$94,896
Baseline Road; 24 th Street to Consolidated Canal	C10431	1206	Ongoing	-	-	-	-	\$1,463
Dobson Road; US 60 to Broadway	CP0530	1205	Ongoing	\$37,050	\$37,591	\$38,317	\$39,079	\$39,818
Infill Street Projects in Redevelopment Areas	CP10452	1206	Ongoing	-	-	-	\$48,281	\$49,193
Neighborhood Transportation Improvement Projects	CP0426	1205	Ongoing	-	\$9,030	\$9,204	\$9,387	\$9,565
Railroad Quiet Zone	CP0426	1206	Ongoing	-	\$26,550	\$26,949	\$27,436	\$27,958
Roosevelt Road Improvements; Broadway to 8 th Avenue	CP0528	1206	Ongoing	-	\$26,550	\$26,949	\$27,436	\$27,958
Total for Streets				\$37,050	\$166,213	\$231,056	\$283,833	\$290,669

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2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Wastewater Customer Demand in Southeast Mesa

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Greenfield Water Reclamation Plant Expansion	CP0067	3005	Ongoing	-	-	\$75,342	\$245,911	\$2,772,382
Total for Wastewater Customer Demand in Southeast Mesa				-	-	\$75,342	\$245,911	\$2,772,382

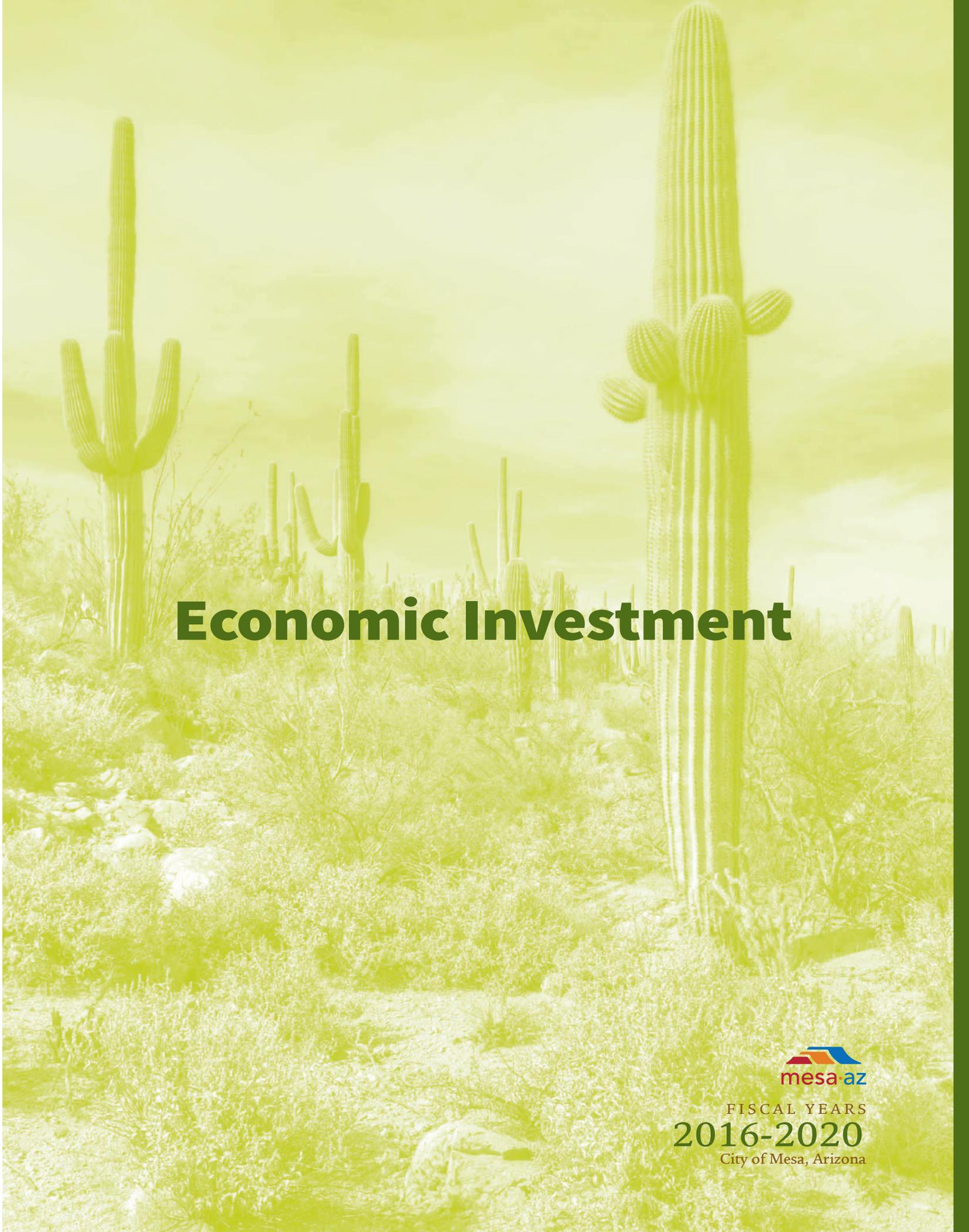
Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.

2016 -2020 Capital Improvement Program
 Program Summary – Start-up and Operational Expenses

Water Customer Demand in Southeast Mesa

Project Description	Major Program	Fund	Program Type	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Signal Butte Water Treatment Plant	C01600	3101	Startup	-	-	\$3,299,167	-	-
Signal Butte Water Treatment Plant	C01600	3005	Ongoing	-	\$255,947	\$938,715	\$2,329,617	\$2,373,658
Total for Water Customer Demand in Southeast Mesa				-	\$255,947	\$4,237,882	\$2,329,617	\$2,373,658

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year.



Economic Investment



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program

Economic Investment

General Government

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**Economic Investment Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

General Government

Project Number and Name

CN0017 - CIP Bond Issuance Cost

Project Description

Consultant fees for issuing bonds on behalf of the city.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$10,000	\$10,000
Gas Bond Construction	-	\$20,000	\$20,000
Parks Bond Construction	-	\$140,000	\$140,000
Public Safety Bond Construction	-	\$1,000	\$1,000
Solid Waste Bond Construction	-	\$10,000	\$10,000
Streets Bond Construction	-	\$19,000	\$19,000
Water Bond Construction	-	\$120,000	\$120,000
Total	-	\$320,000	\$320,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Direct Expenses	\$320,000	-	-	-	-	-	\$320,000
Total	\$320,000	-	-	-	-	-	\$320,000

Economic Investment Major Program Detail Fiscal Years FY 15/16 - FY 19/20

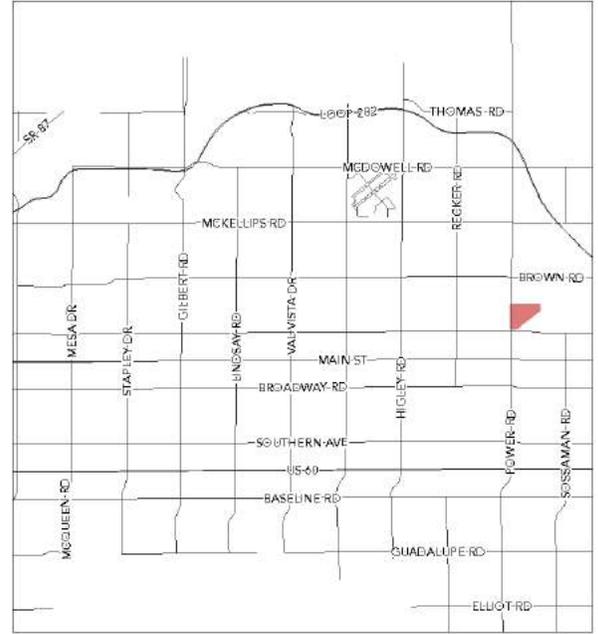
General Government

Project Number and Name

CP0440 - Compressed Natural Gas Facilities (East & West)

Project Description

Construct CNG Facilities at East and West service centers to be used by City vehicles.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Solid Waste Bond Construction	\$303,837	\$7,342,600	\$7,646,437
Total	\$303,837	\$7,342,600	\$7,646,437

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$248,301	-	-	-	-	-	\$248,301
Construction	\$6,849,145	-	-	-	-	-	\$6,849,145
Design	\$241,966	-	-	-	-	-	\$241,966
Direct Expenses	\$3,188	-	-	-	-	-	\$3,188
Total	\$7,342,600	-	-	-	-	-	\$7,342,600

**Economic Investment Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

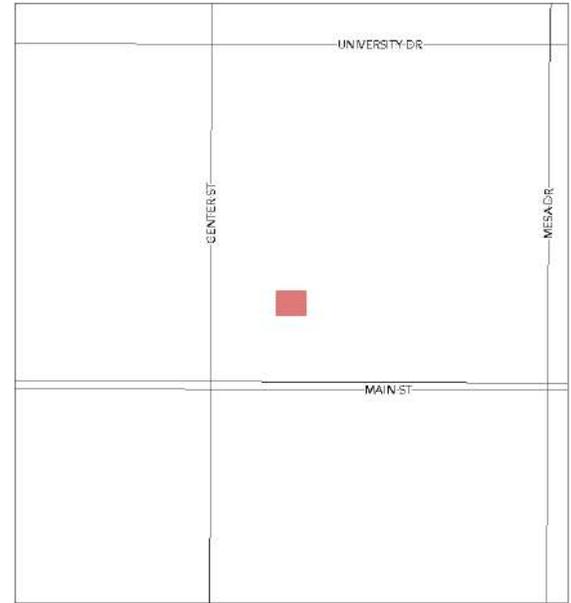
General Government

Project Number and Name

CP0453 - Electrical System Redundancy for ITD Building

Project Description

Design a second uninterruptable power supply (UPS) system to feed the IT server room to improve the reliability of the system and allow for maintenance of the existing electrical distribution system.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$47,386	\$97,388	\$144,774
Total	\$47,386	\$97,388	\$144,774

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,317	-	-	-	-	-	\$3,317
Design	\$94,071	-	-	-	-	-	\$94,071
Total	\$97,388	-	-	-	-	-	\$97,388

**Economic Investment Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

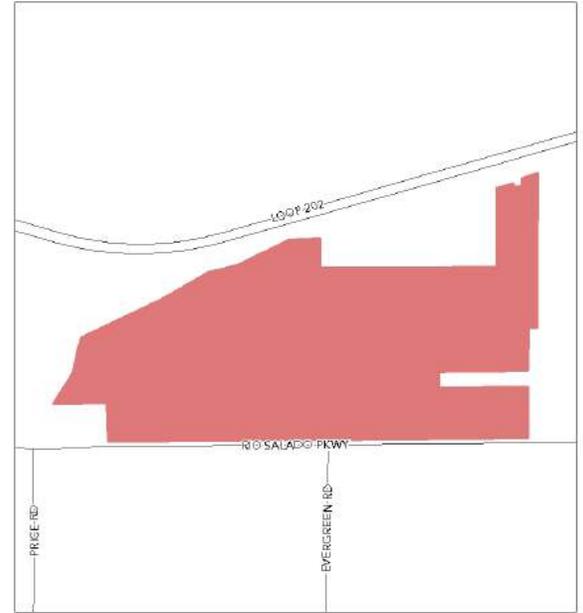
HEAT Initiative

Project Number and Name

C10554 - Chicago Cubs Spring Training Facility

Project Description

Provide annual funding for various improvements as needed at the Spring Training Facility.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$757,624	\$757,624
Spring Training Bond Construction	\$83,628,933	-	\$83,628,933
Total	\$83,628,933	\$757,624	\$84,368,557

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	\$25,000	\$25,365	\$25,855	\$26,369	\$26,868	\$628,167	\$757,624
Total	\$25,000	\$25,365	\$25,855	\$26,369	\$26,868	\$628,167	\$757,624

**Economic Investment Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

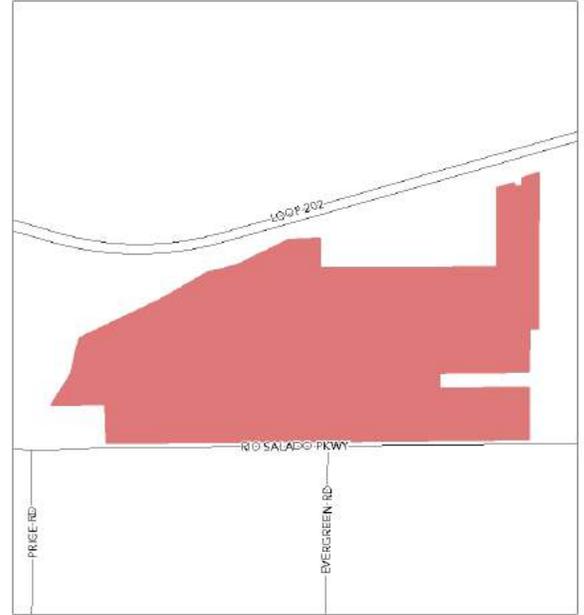
HEAT Initiative

Project Number and Name

CP0436 - Directional Signage for Spring Training Facilities

Project Description

Install guide signs on Loop 202 freeway for the stadiums.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	\$424	\$60,125	\$60,549
Total	\$424	\$60,125	\$60,549

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,035	-	-	-	-	-	\$2,035
Construction	\$58,090	-	-	-	-	-	\$58,090
Total	\$60,125	-	-	-	-	-	\$60,125

Economic Investment Major Program Detail Fiscal Years FY 15/16 - FY 19/20

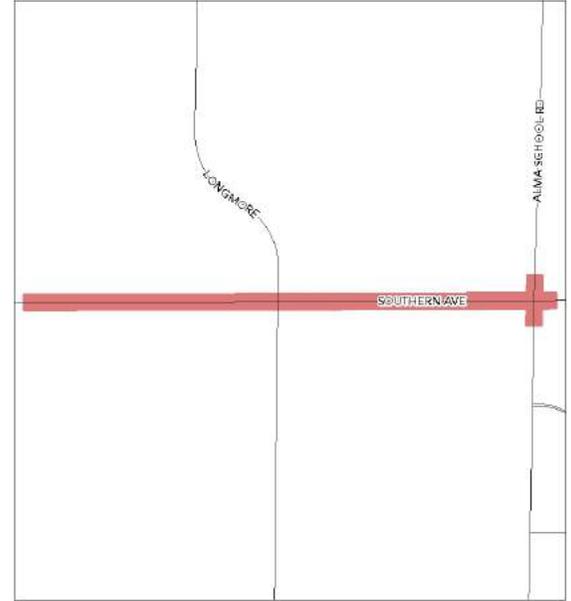
HEAT Initiative

Project Number and Name

C10453 - Fiesta District Improvements Phase I

Project Description

The Fiesta Improvement District is a multifaceted project with the goal of improving the area near the Fiesta Mall. Enhancements include vehicular, pedestrian, and bicyclist traffic changes as well as landscaping, lighting and signage improvements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$6,328,232	\$48,808	\$6,377,040
Total	\$6,328,232	\$48,808	\$6,377,040

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,651	-	-	-	-	-	\$1,651
Construction	\$47,157	-	-	-	-	-	\$47,157
Total	\$48,808	-	-	-	-	-	\$48,808

Economic Investment Major Program Detail Fiscal Years FY 15/16 - FY 19/20

HEAT Initiative

Project Number and Name

CP0206 - Hohokam & Fitch Park Renovations

Project Description

Provide annual funding for various improvements as needed at the Spring Training Facility.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$757,624	\$757,624
Total	-	\$757,624	\$757,624

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	\$25,000	\$25,365	\$25,855	\$26,369	\$26,868	\$628,167	\$757,624
Total	\$25,000	\$25,365	\$25,855	\$26,369	\$26,868	\$628,167	\$757,624

Economic Investment Major Program Detail Fiscal Years FY 15/16 - FY 19/20

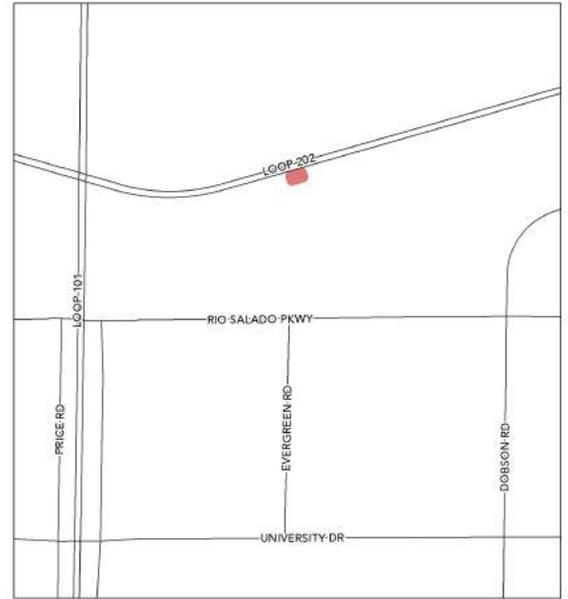
HEAT Initiative

Project Number and Name

CP0444 - Mesa Monument Sign

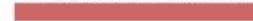
Project Description

Install a "Welcome to Mesa" sign on Mesa Drive.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Economic Investment Fund	-	\$9,288	\$9,288
Total	-	\$9,288	\$9,288

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$344	-	-	-	-	-	\$344
Design	\$8,944	-	-	-	-	-	\$8,944
Total	\$9,288	-	-	-	-	-	\$9,288

**Economic Investment Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

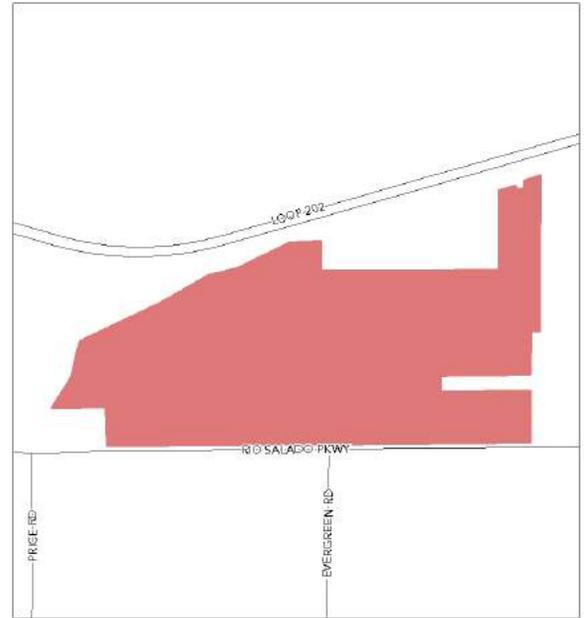
HEAT Initiative

Project Number and Name

CP0395 - Spring Training Paseo Improvements

Project Description

Construct 2-one way roads and 45 degree angle parking on north and south sides of Paseo. Also included utility extensions and relocations to accommodate the new asphalt.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$738,729	\$42,800	\$781,529
Total	\$738,729	\$42,800	\$781,529

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,800	-	-	-	-	-	\$2,800
Construction	\$40,000	-	-	-	-	-	\$40,000
Total	\$42,800	-	-	-	-	-	\$42,800

**Economic Investment Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

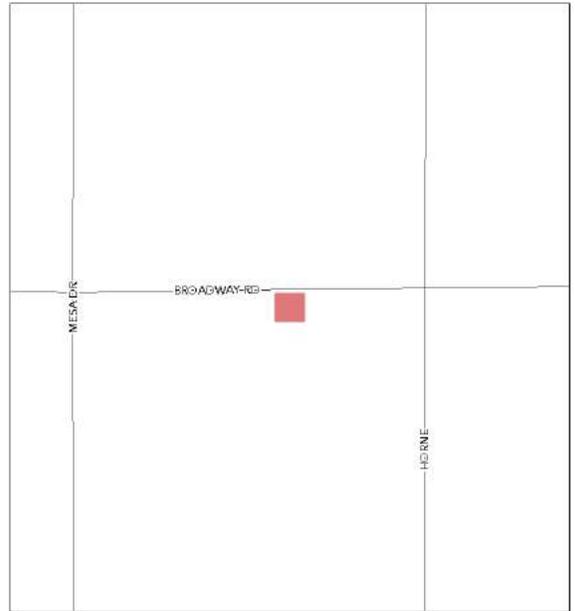
Community Development

Project Number and Name

CP0346 - Mesa CAN Tenant Improvements

Project Description

Construct a Learning Center on the second floor of 635 E. Broadway for the Mesa Counts on College Program.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$79,898	\$1,700	\$81,598
Community Development Block Grant	\$587,883	\$353,000	\$940,883
Grants - Gen. Gov.	\$31,216	\$44,000	\$75,216
Total	\$698,997	\$398,700	\$1,097,697

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$20,700	-	-	-	-	-	\$20,700
Construction-Grant	\$334,000	-	-	-	-	-	\$334,000
Design	\$44,000	-	-	-	-	-	\$44,000
Total	\$398,700	-	-	-	-	-	\$398,700

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Community Development

Project Number and Name

CP0333 - Oakwood Creative Care Rehabilitation Project

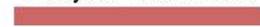
Project Description

Install new flooring, heating, ventilation, and air conditioning systems; remodel the kitchen and bathrooms; and upgrade fire alarm system.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$47,451	\$10,681	\$58,132
Community Development Block Grant	\$606,890	\$44,860	\$651,750
Total	\$654,341	\$55,541	\$709,882

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,681	-	-	-	-	-	\$10,681
Construction	\$42,739	-	-	-	-	-	\$42,739
Design	\$2,121	-	-	-	-	-	\$2,121
Total	\$55,541	-	-	-	-	-	\$55,541



City of Mesa

Five-Year Capital Improvement Program
FY 2016 - 2020

ECONOMIC DEVELOPMENT PROJECTS

- Projects
- Canal
- Council District 1
- Council District 2
- Council District 3
- Council District 4
- Council District 5
- Council District 6

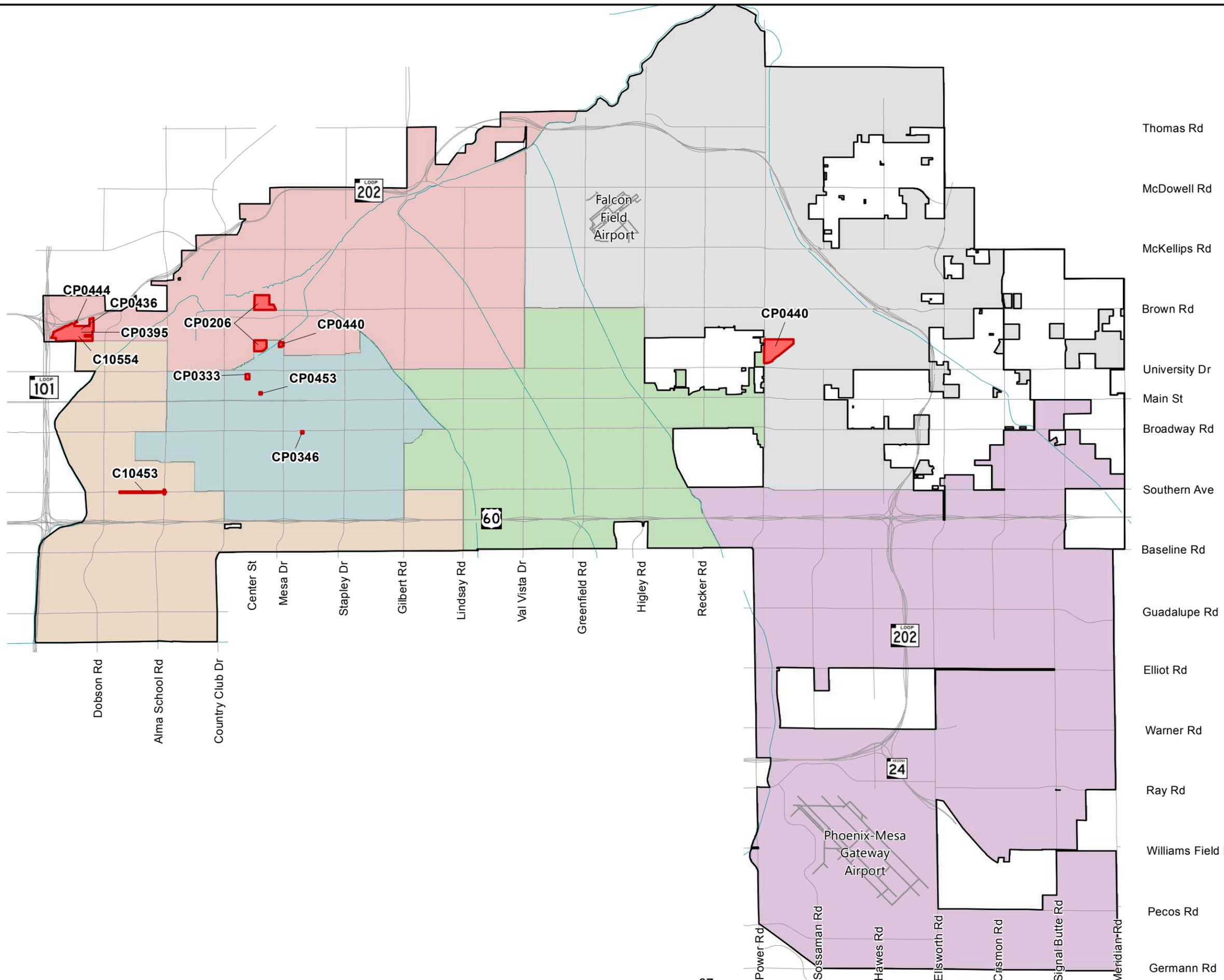
Citywide, External or Location TBD Projects

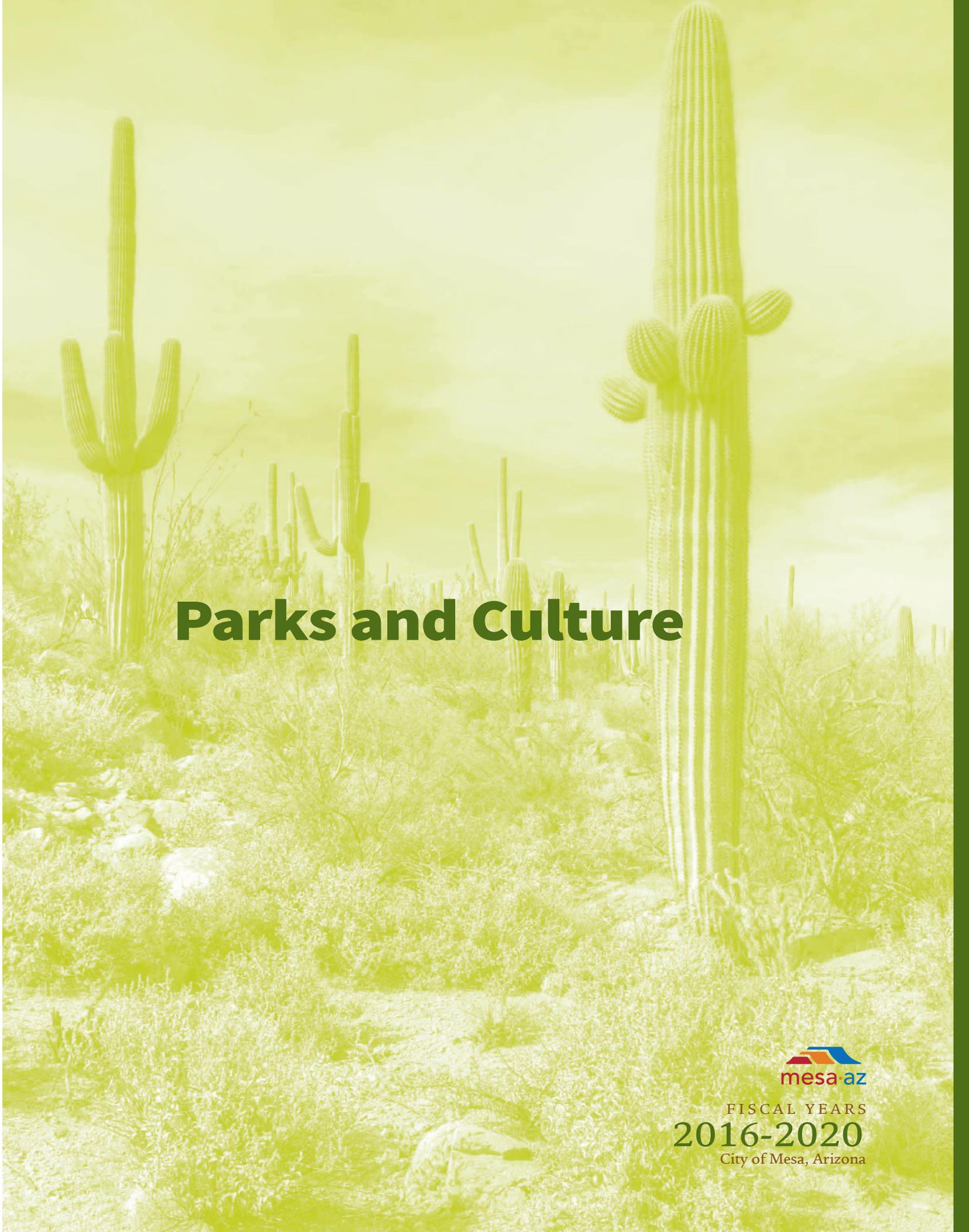
CN0017



MAP CREATION DATE: 12/9/2015
MAP CREATED BY: Engineering-GIS

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A photograph of a desert landscape featuring several tall saguaro cacti and various desert shrubs. The entire image is overlaid with a semi-transparent yellow-green filter. The text "Parks and Culture" is centered in the middle of the image.

Parks and Culture



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program

Parks and Culture

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Five Year Capital Improvement Program

Parks and Recreation

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**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

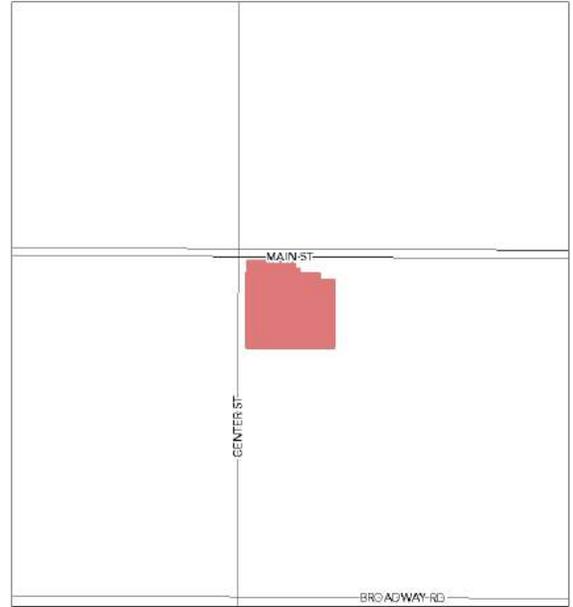
Arts And Culture

Project Number and Name

CP0347 - 21st Century Cafe

Project Description

Enhance the patron experience at the Mesa Arts Center.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$100,468	\$291,066	\$391,534
Mesa Arts Center Restoration Fee	\$5,211	\$10,430	\$15,641
Total	\$105,679	\$301,496	\$407,175

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,430	-	-	-	-	-	\$10,430
Construction-Grant	\$271,014	-	-	-	-	-	\$271,014
Design	\$20,052	-	-	-	-	-	\$20,052
Total	\$301,496	-	-	-	-	-	\$301,496

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

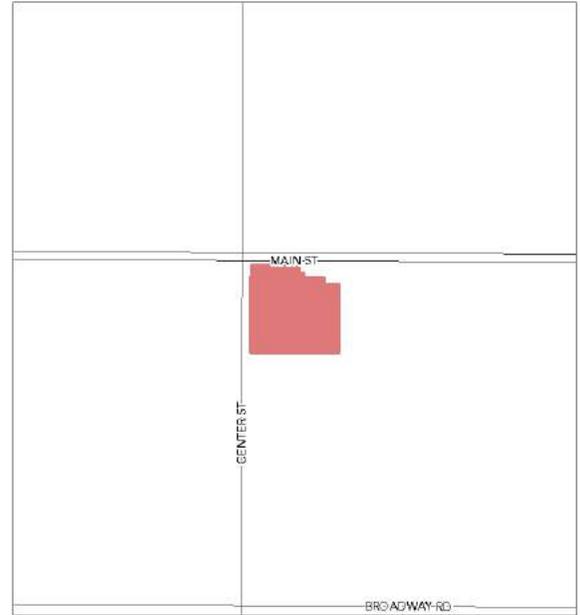
Arts And Culture

Project Number and Name

CP0552 - Mesa Arts Center Grating Modification

Project Description

Modifications to replace the damaged grate and vault/light shaft--improving safety and function.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Mesa Arts Center Restoration Fee	-	\$54,234	\$54,234
Total	-	\$54,234	\$54,234

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,834	-	-	-	-	-	\$1,834
Construction	\$43,629	-	-	-	-	-	\$43,629
Design	\$8,771	-	-	-	-	-	\$8,771
Total	\$54,234	-	-	-	-	-	\$54,234

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

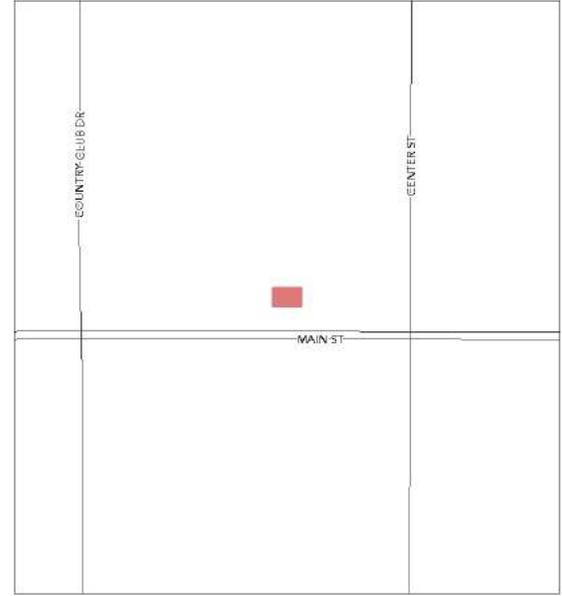
Arts And Culture

Project Number and Name

CP0213 - Museum & Cultural Resource Expansion (Federal Bldg)

Project Description

The old Federal Building in Downtown Mesa is planned for renovation to allow for expansion of museum exhibit space, offices, and museum collection processing and storage.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$5,220,802	\$5,220,802
Total	-	\$5,220,802	\$5,220,802

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$83,000	\$97,503	-	-	-	-	\$180,503
Construction	\$2,323,000	\$2,688,299	-	-	-	-	\$5,011,299
Design	\$22,000	-	-	-	-	-	\$22,000
Direct Expenses	\$7,000	-	-	-	-	-	\$7,000
Total	\$2,435,000	\$2,785,802	-	-	-	-	\$5,220,802

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Cemetery

Project Number and Name

CP0210 - Future Cemetery Expansion

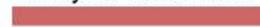
Project Description

Fund the expansion of the city cemetery.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Cemetery	-	\$1,813,800	\$1,813,800
Total	-	\$1,813,800	\$1,813,800

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,431	\$32,325	-	-	\$606	\$12,120	\$63,482
Construction	\$508,177	\$891,239	-	-	-	\$334,179	\$1,733,595
Design	-	-	-	-	\$16,723	-	\$16,723
Total	\$526,608	\$923,564	-	-	\$17,329	\$346,299	\$1,813,800

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Library

Project Number and Name

CP0431 - Main Library Lighting Improvements

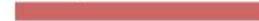
Project Description

Improve lighting at the Main Library.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$23,470	\$619,864	\$643,334
Total	\$23,470	\$619,864	\$643,334

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$21,042	-	-	-	-	-	\$21,042
Construction	\$558,701	-	-	-	-	-	\$558,701
Design	\$40,121	-	-	-	-	-	\$40,121
Total	\$619,864	-	-	-	-	-	\$619,864

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0298 - Baseball Lighting

Project Description

This project involves replacing wooden light poles and inefficient sports light fixtures at 13 parks and school community use sports fields throughout Mesa. The new poles will be steel and the replacement fixtures will be more energy efficient.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$2,207,121	\$964,198	\$3,171,319
Total	\$2,207,121	\$964,198	\$3,171,319

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$45,973	-	-	-	-	-	\$45,973
Construction	\$918,225	-	-	-	-	-	\$918,225
Design	-	-	-	-	-	-	-
Total	\$964,198	-	-	-	-	-	\$964,198

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

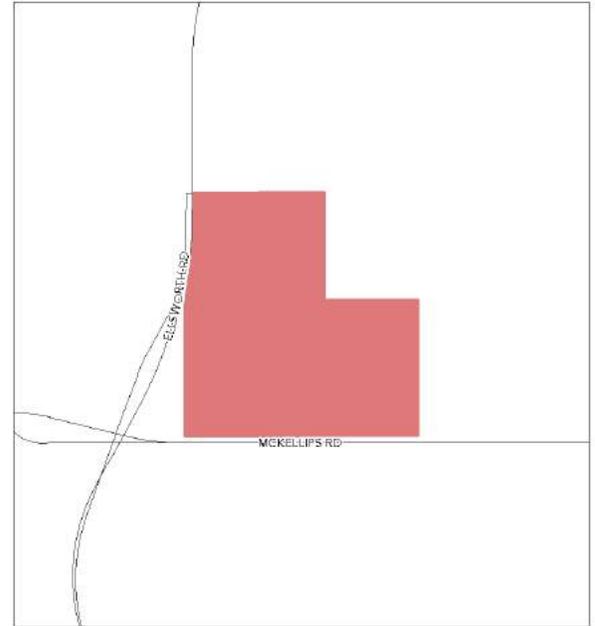
Parks & Recreation

Project Number and Name

CP0120 - Desert Arroyo Park

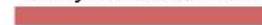
Project Description

Construct a community park on desert land near Zaharis Elementary School. Enhance the existing arroyo as an interpretive and educational desert riparian habitat experience. Nature-based play, hiking, and biking opportunities will be incorporated.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$1,833,937	\$1,535,268	\$3,369,205
Total	\$1,833,937	\$1,535,268	\$3,369,205

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$58,000	-	-	-	-	-	\$58,000
Construction	\$1,452,268	-	-	-	-	-	\$1,452,268
Design	\$20,000	-	-	-	-	-	\$20,000
Direct Expenses	\$5,000	-	-	-	-	-	\$5,000
Total	\$1,535,268	-	-	-	-	-	\$1,535,268

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0211 - Eagles Park

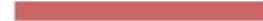
Project Description

Acquire and construct a 30-acre community park on the former Mesa Junior High property with lighted multiuse/soccer fields, picnic ramadas, exercise stations, and a playground. The former gym is proposed for renovation into a community recreation center.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$123,929	\$5,346,790	\$5,470,719
Total	\$123,929	\$5,346,790	\$5,470,719

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$117,809	-	-	-	\$69,087	\$186,896
Construction	-	\$3,239,834	-	-	-	\$1,239,275	\$4,479,109
Design	-	-	-	-	-	\$672,456	\$672,456
Direct Expenses	-	\$8,329	-	-	-	-	\$8,329
Total	-	\$3,365,972	-	-	-	\$1,980,818	\$5,346,790

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name CP0226

- Existing Park Bond Improvements

Project Description

This project is a placeholder for future improvements to existing features in the park system such as playgrounds, sports fields, irrigation systems, and recreation centers. Specific projects will be identified based on programming needs and funding.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$4,344,909	\$4,344,909
Total	-	\$4,344,909	\$4,344,909

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$15,918	\$136,154	-	\$152,072
Construction	-	-	-	\$438,899	\$3,753,938	-	\$4,192,837
Total	-	-	-	\$454,817	\$3,890,092	-	\$4,344,909

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0191 - Existing Parks Improvements

Project Description

Development of concepts for park development projects to be proposed for the 2012 Parks Bond Package.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$1,274	\$1,274
Total	-	\$1,274	\$1,274

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$45	-	-	-	-	-	\$45
Construction	\$1,229	-	-	-	-	-	\$1,229
Total	\$1,274	-	-	-	-	-	\$1,274

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0009 - Fiesta Sports Park

Project Description

Acquire and improve space around the former Powell Junior High for a sports complex with lighted softball and baseball fields. Mesa Public Schools will own and program the school buildings; the surrounding space will be the City's Fiesta Sports Park.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$437,427	\$4,761,714	\$5,199,141
Total	\$437,427	\$4,761,714	\$5,199,141

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$166,660	-	-	-	-	-	\$166,660
Construction	\$4,582,892	-	-	-	-	-	\$4,582,892
Direct Expenses	\$12,162	-	-	-	-	-	\$12,162
Total	\$4,761,714	-	-	-	-	-	\$4,761,714

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0559 - Gene Autry Park Improvements

Project Description

Update the existing playground to meet current safety and accessibility requirements, improve accessibility in the baseball complex restrooms, and modify the baseball field irrigation system to improve efficiency.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$421,014	\$421,014
Total	-	\$421,014	\$421,014

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$14,735	-	-	-	-	-	\$14,735
Construction	\$406,279	-	-	-	-	-	\$406,279
Total	\$421,014	-	-	-	-	-	\$421,014

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

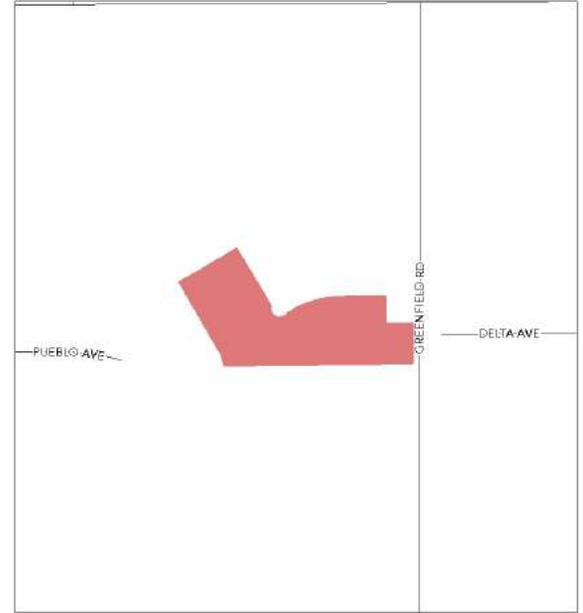
Parks & Recreation

Project Number and Name

CP0010 - Greenfield Park Urban Fishing Lake

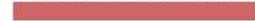
Project Description

Expand the lake to create a 5-acre urban fishing lake and upgrade the playground at the existing Greenfield Park. Improvements will lower irrigation costs for the park landscaping while improving the recreational opportunities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$3,477,810	\$3,477,810
Total	-	\$3,477,810	\$3,477,810

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$45,340	\$87,379	-	-	-	\$132,719
Construction	-	-	\$2,094,977	-	-	-	\$2,094,977
Design	-	\$1,244,196	-	-	-	-	\$1,244,196
Direct Expenses	-	\$5,918	-	-	-	-	\$5,918
Total	-	\$1,295,454	\$2,182,356	-	-	-	\$3,477,810

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

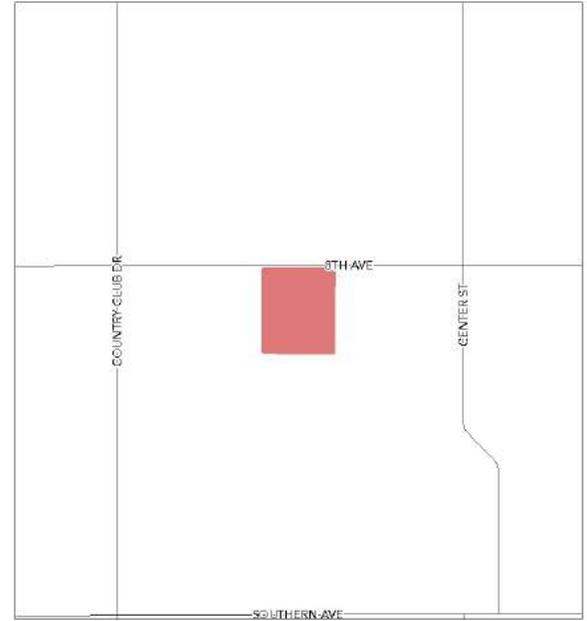
Parks & Recreation

Project Number and Name

CP0502 - Guerrero-Rotary Park Rehab

Project Description

Construct shade over the existing playground at Guerrero Rotary Park and replace the cracked concrete on the two basketball courts.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$225	\$10,478	\$10,703
Community Development Block Grant	\$4,915	\$298,223	\$303,138
Total	\$5,140	\$308,701	\$313,841

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,478	-	-	-	-	-	\$10,478
Construction	\$270,000	-	-	-	-	-	\$270,000
Design	\$28,223	-	-	-	-	-	\$28,223
Total	\$308,701	-	-	-	-	-	\$308,701

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CN0009 - Parks Irrigation Controllers

Project Description

The old Federal Building in Downtown Mesa is planned for renovation to allow for expansion of museum exhibit space, offices, and museum collection processing and storage.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$350,892	\$1,229,947	\$1,580,839
Parks Bond Construction	-	\$1,103,386	\$1,103,386
Total	\$350,892	\$2,333,333	\$2,684,225

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$39,057	-	-	-	-	-	\$39,057
Construction	\$1,077,188	-	-	-	-	-	\$1,077,188
Purchases	\$531,040	\$25,365	\$293,584	\$315,241	\$25,658	\$26,200	\$1,217,088
Total	\$1,647,285	\$25,365	\$293,584	\$315,241	\$25,658	\$26,200	\$2,333,333

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0553 - Kleinman Park

Project Description

Renovations of existing amenities are planned for Kleinman Park to address aging equipment and systems.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$5,286,844	\$5,286,844
Total	-	\$5,286,844	\$5,286,844

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$46,164	-	-	-	\$138,876	\$185,040
Construction	-	\$1,032,022	-	-	-	\$3,421,288	\$4,453,310
Design	-	\$232,618	-	-	-	\$407,700	\$640,318
Direct Expenses	-	\$8,176	-	-	-	-	\$8,176
Total	-	\$1,318,980	-	-	-	\$3,967,864	\$5,286,844

Parks & Culture Major Program Detail Fiscal Years FY 15/16 - FY 19/20

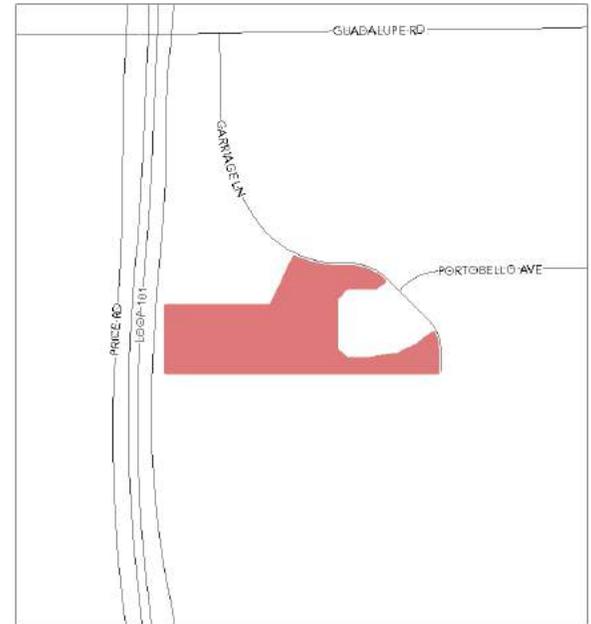
Parks & Recreation

Project Number and Name

CP0299 - Landscape/Irrigation

Project Description

Upgrade existing irrigation systems/components at various park sites. Replacement systems and pumps are more efficient, and use less energy in shorter watering windows. Seven sites are targeted for major renovations, many others for minor improvements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$72,589	\$6,961,779	\$7,034,368
Parks Bond Construction	\$1,291,063	\$2,798,599	\$4,089,662
Total	\$1,363,652	\$9,760,378	\$11,124,030

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$162,969	\$9,368	\$93,372	\$89,769	\$17,722	-	\$373,200
Construction	\$3,590,826	\$258,298	\$2,574,397	\$2,475,039	\$488,618	-	\$9,387,178
Total	\$3,753,795	\$267,666	\$2,667,769	\$2,564,808	\$506,340	-	\$9,760,378

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0123 - Mariposa Park

Project Description

Construct a 9-acre neighborhood park at Medina and Hawes with a picnic ramada, climbing structure, exercise stations and play pods, and a series of meandering trails winding through recreated desert with contoured topography to enhance the land.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$738,305	\$74,604	\$812,909
Total	\$738,305	\$74,604	\$812,909

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,611	-	-	-	-	-	\$2,611
Construction	\$71,993	-	-	-	-	-	\$71,993
Total	\$74,604	-	-	-	-	-	\$74,604

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

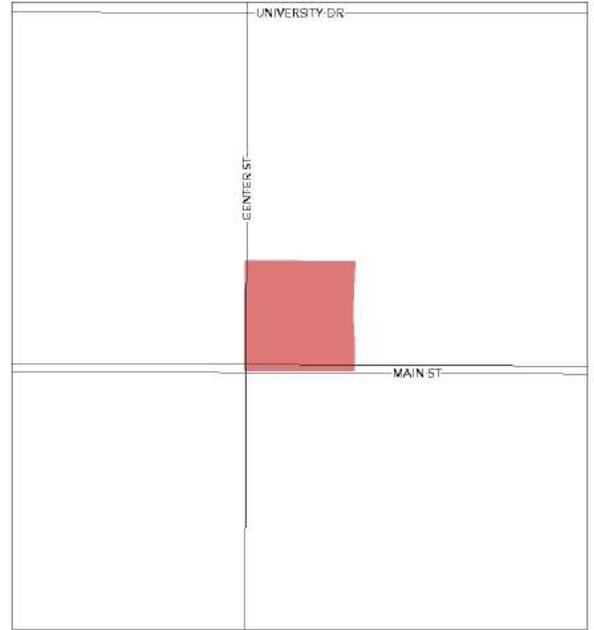
Parks & Recreation

Project Number and Name

CP0013 - Mesa City Center

Project Description

Develop conceptual plans with input from community stakeholders to create a signature events plaza, pedestrian mall, and public gathering place to enhance the activation of the downtown area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$155,119	\$582,931	\$738,050
Total	\$155,119	\$582,931	\$738,050

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$22,931	-	-	-	-	-	\$22,931
Design	\$560,000	-	-	-	-	-	\$560,000
Total	\$582,931	-	-	-	-	-	\$582,931

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

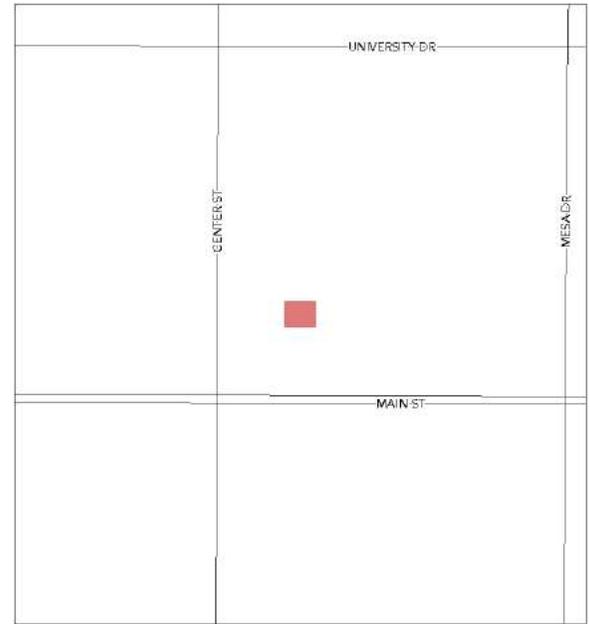
Parks and Recreation

Project Number and Name

CP0551 - Mesa Convention Center Renovation

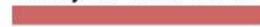
Project Description

Renovation of the bathrooms in Buildings A and C at the Mesa Convention Center.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$77,966	\$193,000	\$270,966
Total	\$77,966	\$193,000	\$270,966

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,527	-	-	-	-	-	\$6,527
Construction	\$186,473	-	-	-	-	-	\$186,473
Total	\$193,000	-	-	-	-	-	\$193,000

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0303 - Minor Equipment

Project Description

Replace various components of existing aging maintenance equipment as the end of service life is reached. Initiate a phased update of park system identification signs and rules signs.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$24,260	\$762,128	\$786,388
Parks Bond Construction	-	\$96,000	\$96,000
Total	\$24,260	\$858,128	\$882,388

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$21,475	\$8,559	-	-	-	-	\$30,034
Construction	\$592,098	\$235,996	-	-	-	-	\$828,094
Total	\$613,573	\$244,555	-	-	-	-	\$858,128

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0007 - Monterey Park Expansion

Project Description

Expand Monterey Park through land acquisition and construction of additional amenities and parking. These improvements will be completed in phases as funding is identified.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$3,648,476	\$1,419,957	\$5,068,433
Total	\$3,648,476	\$1,419,957	\$5,068,433

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$50,231	-	-	-	-	\$50,231
Construction	-	\$1,232,755	-	-	-	-	\$1,232,755
Design	-	\$136,971	-	-	-	-	\$136,971
Total	-	\$1,419,957	-	-	-	-	\$1,419,957

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0485 - Engineering Park Irrigation Projects

Project Description

Upgrade existing irrigation systems/components at various park sites. Replacement systems and pumps are more efficient, and use less energy in shorter watering windows. Seven sites are targeted for major renovations, many others for minor improvements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$114,871	\$114,871
Parks Bond Construction	-	\$960,577	\$960,577
Total	-	\$1,075,448	\$1,075,448

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$26,536	-	-	-	-	-	\$26,536
Construction	\$1,048,912	-	-	-	-	-	\$1,048,912
Total	\$1,075,448	-	-	-	-	-	\$1,075,448

Parks & Culture Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Parks & Recreation

Project Number and Name

CP0015 - Pioneer Park Renovations

Project Description

Enhancement of Pioneer Park, relocation of the playground, improved picnic facilities, and a splash pad with focus on the central corridor of the park. A park master will develop a plan based on input from a variety of stakeholders.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$3,760,196	\$3,760,196
Total	-	\$3,760,196	\$3,760,196

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$109,089	-	-	-	-	-	\$109,089
Construction	\$3,551,221	-	-	-	-	-	\$3,551,221
Design	\$93,138	-	-	-	-	-	\$93,138
Direct Expenses	\$6,748	-	-	-	-	-	\$6,748
Total	\$3,760,196	-	-	-	-	-	\$3,760,196

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0486 - Playground Improvements

Project Description

Replace aging park playgrounds with upgraded equipment meeting current safety/accessibility requirements. Playground designs will be chosen to stimulate activity. About 8 sites are targeted for full renovation, others for minor improvements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$752,700	\$752,700
Parks Bond Construction	-	\$1,164,200	\$1,164,200
Total	-	\$1,916,900	\$1,916,900

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$67,091	-	-	-	-	-	\$67,091
Construction	\$1,849,809	-	-	-	-	-	\$1,849,809
Total	\$1,916,900	-	-	-	-	-	\$1,916,900

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0300 - Playground Upgrades

Project Description

Replace aging park playgrounds with upgraded equipment meeting current safety/accessibility requirements. Playground designs will be chosen to stimulate activity. About 8 sites are targeted for full renovation, others for minor improvements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$34,122	\$1,403,749	\$1,437,871
Parks Bond Construction	\$565,879	\$1,054,024	\$1,619,903
Total	\$600,001	\$2,457,773	\$3,057,774

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$17,663	\$32,178	\$668	\$11,623	\$12,116	\$11,775	\$86,023
Construction	\$434,476	\$887,188	\$18,413	\$320,442	\$334,067	\$324,632	\$2,319,218
Design	\$52,532	-	-	-	-	-	\$52,532
Total	\$504,671	\$919,366	\$19,081	\$332,065	\$346,183	\$336,407	\$2,457,773

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CN0300 - Playground Upgrades

Project Description

Replace aging park playgrounds with upgraded equipment meeting current safety/accessibility requirements. Playground designs will be chosen to stimulate activity. About 8 sites are targeted for full renovation, others for minor improvements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$1,031,788	\$1,031,788
Total	-	\$1,031,788	\$1,031,788

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	\$100,000	\$279,015	\$103,420	\$105,476	\$107,470	\$336,407	\$1,031,788
Total	\$100,000	\$279,015	\$103,420	\$105,476	\$107,470	\$336,407	\$1,031,788

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CN0301 - Pool Improvements

Project Description

Complete pool maintenance of existing facilities such as filter replacements and pool replastering as facilities reach the end of service life. Minor upgrades to existing pools are also planned such as deck drain improvements and shade replacements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$337,035	\$337,035
Total	-	\$337,035	\$337,035

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	\$43,000	\$116,679	\$98,249	\$79,107	-	-	\$337,035
Total	\$43,000	\$116,679	\$98,249	\$79,107	-	-	\$337,035

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0301 - Pool Improvements

Project Description

Routine pool maintenance to existing facilities such as filter replacements and pool replastering as facilities reach the end of service life. Minor upgrades to existing pools are also planned such as deck drain improvements and shade replacements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$53,236	\$53,236
Parks Bond Construction	-	\$579,090	\$579,090
Total	-	\$632,326	\$632,326

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,213	-	\$5,430	\$2,769	\$10,720	-	\$22,132
Construction	\$88,587	-	\$149,700	\$76,338	\$295,569	-	\$610,194
Land Acquisition	-	-	-	-	-	-	-
Total	\$91,800	-	\$155,130	\$79,107	\$306,289	-	\$632,326

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0487 - Pool Improvements

Project Description

Routine pool maintenance to existing facilities such as filter replacements and pool replastering as facilities reach the end of service life. Minor upgrades to existing pools are also planned such as deck drain improvements and shade replacements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$235,000	\$235,000
Parks Bond Construction	-	\$265,000	\$265,000
Total	-	\$500,000	\$500,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$17,500	-	-	-	-	-	\$17,500
Construction	\$482,500	-	-	-	-	-	\$482,500
Total	\$500,000	-	-	-	-	-	\$500,000

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0488 - Recreation Facility Improvements

Project Description

Improve existing sports complexes and recreation centers throughout Mesa. Fitness equipment will be upgraded, scoreboards will be replaced, gym and court surfaces will be upgraded as existing equipment reaches the end of service life.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$357,500	\$357,500
Total	-	\$357,500	\$357,500

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,512	-	-	-	-	-	\$12,512
Construction	\$344,988	-	-	-	-	-	\$344,988
Total	\$357,500	-	-	-	-	-	\$357,500

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0302 - Recreational Facility Upgrade

Project Description

Improve existing sports complexes and recreation centers throughout Mesa. Fitness equipment will be upgraded, scoreboards will be replaced, gym and court surfaces will be upgraded as existing equipment reaches the end of service life.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$323,111	\$319,845	\$642,956
Parks Bond Construction	-	\$903,892	\$903,892
Total	\$323,111	\$1,223,737	\$1,546,848

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$19,639	\$2,131	-	\$10,170	\$10,892	-	\$42,832
Construction	\$541,465	\$58,745	-	\$280,379	\$300,316	-	\$1,180,905
Total	\$561,104	\$60,876	-	\$290,549	\$311,208	-	\$1,223,737

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CN0302 - Recreational Facility Upgrade

Project Description

Improve existing sports complexes and recreation centers throughout Mesa. This includes fitness equipment upgrades, scoreboard replacement, gym and court surface upgrades as existing equipment reaches the end of service life.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$214,588	\$214,588
Total	-	\$214,588	\$214,588

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	-	\$214,588	-	-	-	-	\$214,588
Total	-	\$214,588	-	-	-	-	\$214,588

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

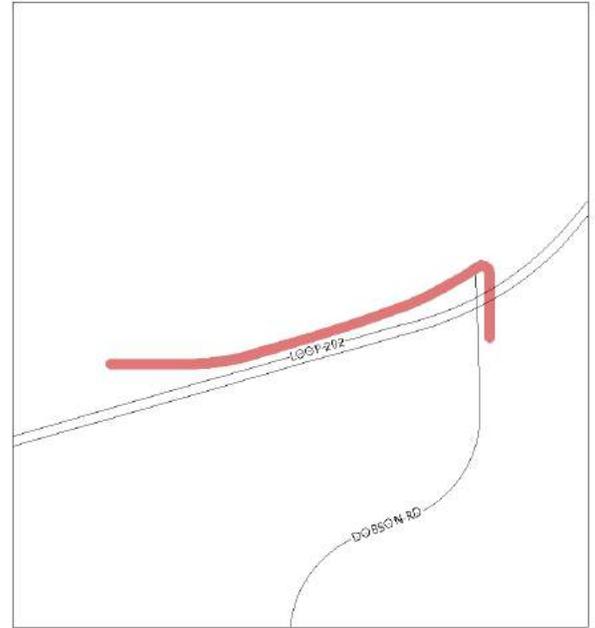
Parks & Recreation

Project Number and Name

CP0332 - Rio Salado Pathway Segment 4

Project Description

Construct a paved shared use pathway adjacent to the Salt River to provide regional connections.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$1,585,674	\$1,585,674
Parks Bond Construction	\$176,056	\$339,180	\$515,236
Total	\$176,056	\$1,924,854	\$2,100,910

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$60,415	-	-	-	-	-	\$60,415
Construction	\$1,806,788	-	-	-	-	-	\$1,806,788
Design	\$56,451	-	-	-	-	-	\$56,451
Direct Expenses	\$1,200	-	-	-	-	-	\$1,200
Total	\$1,924,854	-	-	-	-	-	\$1,924,854

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

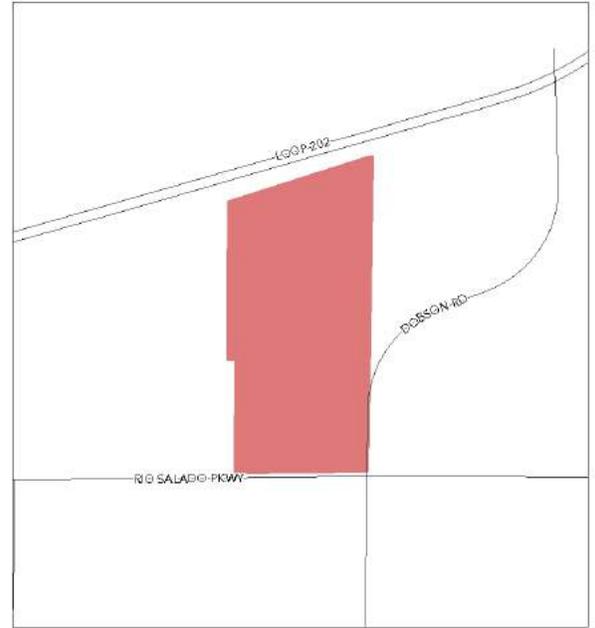
Parks & Recreation

Project Number and Name

CP0547 - Riverview Park Modifications

Project Description

Enhance the hill treatment between two rock climbing walls to eliminate loose rock from sloughing off into the playground rubber surfacing. Perform routine maintenance on the entire playground rubber surfacing.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$82,800	\$82,800
Total	-	\$82,800	\$82,800

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,800	-	-	-	-	-	\$2,800
Construction	\$80,000	-	-	-	-	-	\$80,000
Total	\$82,800	-	-	-	-	-	\$82,800

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

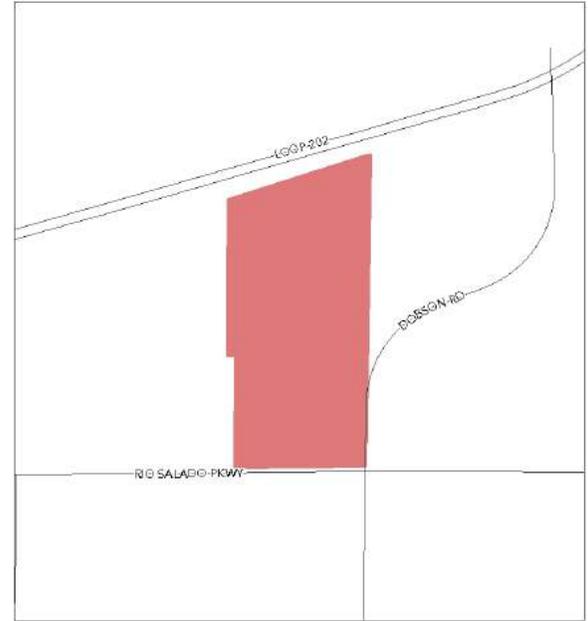
Parks & Recreation

Project Number and Name

CP0565 - Riverview Quad Lights

Project Description

Expand the hours of availability for the Riverview baseball quad with the addition of sports field lights.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$1,450,000	\$1,450,000
Total	-	\$1,450,000	\$1,450,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$50,750	-	-	-	-	-	\$50,750
Construction	\$1,399,250	-	-	-	-	-	\$1,399,250
Total	\$1,450,000	-	-	-	-	-	\$1,450,000

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

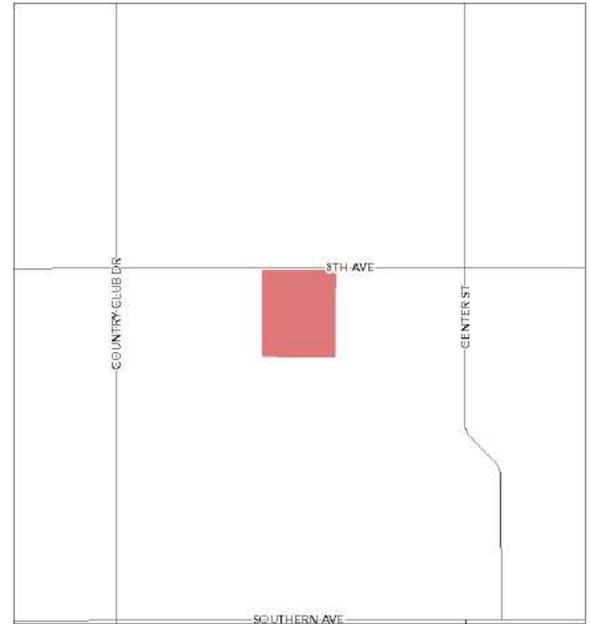
Parks & Recreation

Project Number and Name

CP0564 - Rotary Memorial Field

Project Description

Enhance the existing youth baseball field with the addition of dugouts and a spectator seating area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$50,000	\$50,000
Total	-	\$50,000	\$50,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,750	-	-	-	-	-	\$1,750
Construction	\$48,250	-	-	-	-	-	\$48,250
Total	\$50,000	-	-	-	-	-	\$50,000

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

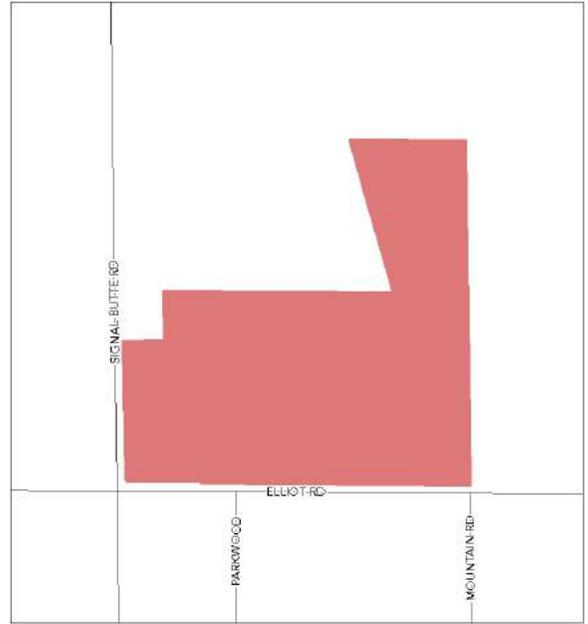
Parks & Recreation

Project Number and Name

CP0121 - Signal Butte & Elliot Park Development

Project Description

Begin phased construction of a metro park on land surrounding the water treatment at Elliot Road and Signal Butte. Initial phase includes trails and interpretive opportunities explaining the story of water in the desert along with parking.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$5,518,360	\$5,518,360
Total	-	\$5,518,360	\$5,518,360

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$13,914	\$59,541	-	\$123,381	\$196,836
Construction	-	-	\$375,416	\$1,536,149	-	\$3,076,183	\$4,987,748
Design	-	-	-	-	-	\$325,572	\$325,572
Direct Expenses	-	-	\$8,204	-	-	-	\$8,204
Total	-	-	\$397,534	\$1,595,690	-	\$3,525,136	\$5,518,360

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Parks & Recreation

Project Number and Name

CP0198 - Southeast Mesa Bike & Pedestrian Path

Project Description

Create a pedestrian and bike trail connection in southeast Mesa with a concrete path, landscaping, and lighting.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$11,894	\$1,541,377	\$1,553,271
Total	\$11,894	\$1,541,377	\$1,553,271

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$51,530	-	-	-	-	-	\$51,530
Construction	\$835,936	-	-	-	-	-	\$835,936
Design	\$648,991	-	-	-	-	-	\$648,991
Direct Expenses	\$4,920	-	-	-	-	-	\$4,920
Total	\$1,541,377	-	-	-	-	-	\$1,541,377

**Parks & Culture Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

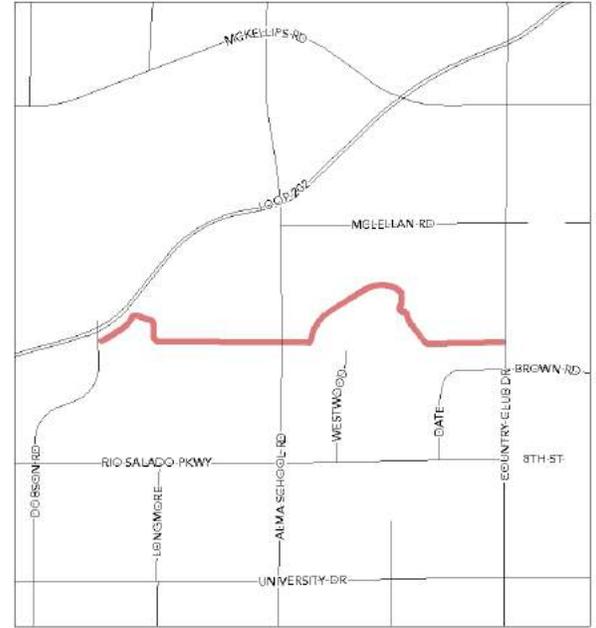
Parks & Recreation

Project Number and Name

CP0108 - West Mesa Connector Shared Use Path

Project Description

Construct a 10-foot wide paved, shared use pathway with landscaping, rest areas and lighting from Country Club Drive to Dobson Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$102,030	\$2,964,327	\$3,066,357
Total	\$102,030	\$2,964,327	\$3,066,357

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$110,000	-	-	-	-	-	\$110,000
Construction	\$2,631,977	-	-	-	-	-	\$2,631,977
Design	\$215,000	-	-	-	-	-	\$215,000
Direct Expenses	\$7,350	-	-	-	-	-	\$7,350
Total	\$2,964,327	-	-	-	-	-	\$2,964,327



City of Mesa

Five-Year Capital Improvement Program
FY 2016 - 2020

PARKS & CULTURE PROJECTS

-  Projects
-  Canal
-  Council District 1
-  Council District 2
-  Council District 3
-  Council District 4
-  Council District 5
-  Council District 6

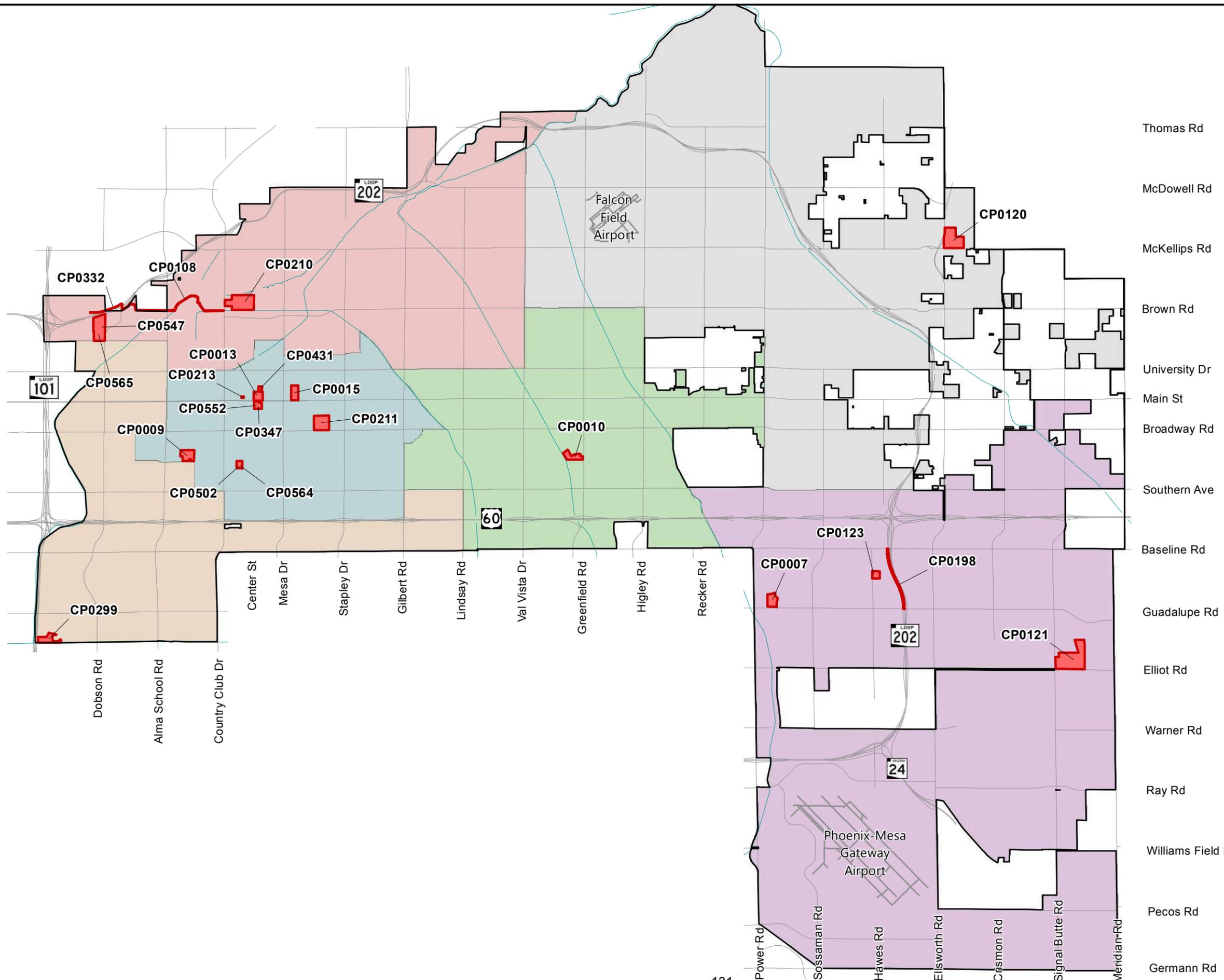
Citywide, External or Location TBD Projects

- CN0009 CP0226
- CN0300 CP0303
- CN0301 CP0486
- CN0302 CP0488



MAP CREATION DATE: 12/10/2015
MAP CREATED BY: Engineering-GIS

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Public Safety



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program

Public Safety

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Five Year Capital Improvement Program

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**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CP0101 - Emergency Generator Replacement

Project Description

Replace emergency generators at Fire Stations that currently do not have up to date emergency generators. Older Fire Stations have outdated generators that do not provide full electric backup to the facilities.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$1,070,593	\$1,070,593
Total	-	\$1,070,593	\$1,070,593

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$18,551	\$18,920	-	\$37,471
Purchases	-	-	-	\$511,476	\$521,646	-	\$1,033,122
Total	-	-	-	\$530,027	\$540,566	-	\$1,070,593

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CN0002 - Fire Apparatus

Project Description

Purchase replacement Fire Apparatus for units that are end of life and currently still in service. These purchases are based off of the Fire Maintenance Apparatus Replacement Schedule that identifies when replacement is necessary.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$5,356,081	\$5,356,081
Public Safety Bond Construction	\$4,522,065	\$26,198,762	\$30,720,827
Total	\$4,522,065	\$31,554,843	\$36,076,908

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	\$3,807,336	\$2,671,542	\$2,891,529	\$4,402,767	\$3,370,328	\$14,411,341	\$31,554,843
Total	\$3,807,336	\$2,671,542	\$2,891,529	\$4,402,767	\$3,370,328	\$14,411,341	\$31,554,843

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CP0097 - Fire Operations Center

Project Description

Develop pre-design for future Fire Operations Center.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$97,387	\$97,387
Total	-	\$97,387	\$97,387

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$3,409	-	\$3,409
Purchases	-	-	-	-	\$93,978	-	\$93,978
Total	-	-	-	-	\$97,387	-	\$97,387

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

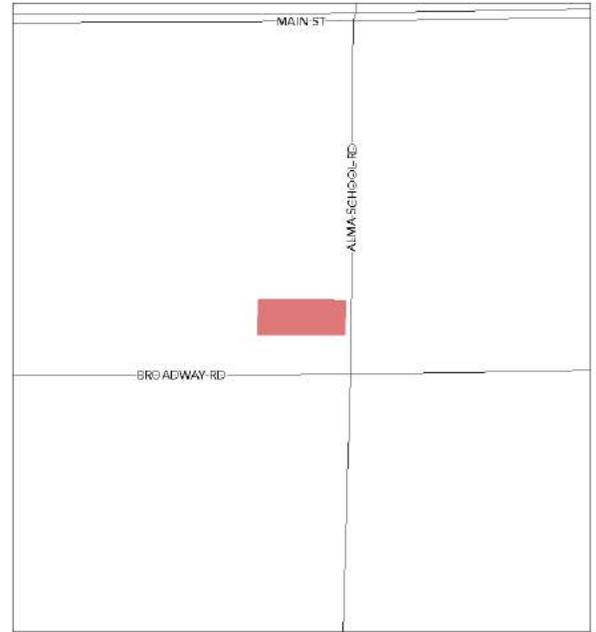
Fire

Project Number and Name

C10127 - Fire Station 203: Relocation

Project Description

Fire Station 203 was built in 1957 and due to its age, no longer serves the needs of current fire operations. The City will purchase land and construct a replacement station in the area of west Broadway Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$1,889,912	\$2,787,228	\$4,677,140
Total	\$1,889,912	\$2,787,228	\$4,677,140

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$97,553	-	-	-	-	-	\$97,553
Construction	\$2,689,675	-	-	-	-	-	\$2,689,675
Total	\$2,787,228	-	-	-	-	-	\$2,787,228

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

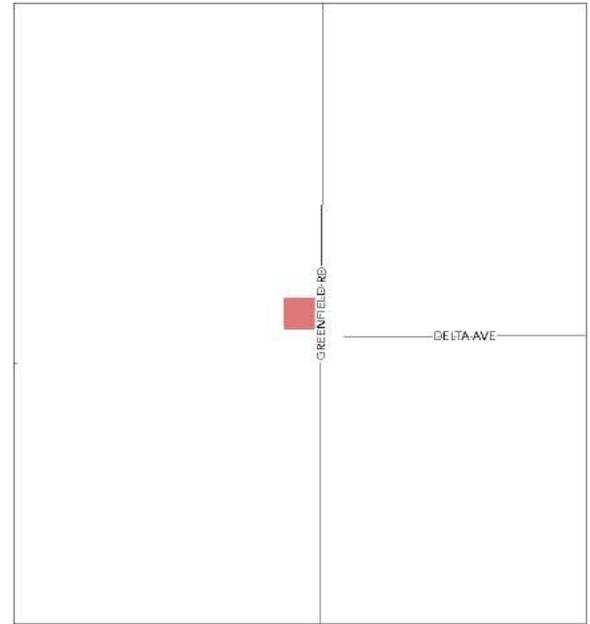
Fire

Project Number and Name

C10120 - Fire Station 205: Rebuild

Project Description

Fire Station 205 has been identified for renovations to modify and expand the existing facility or rebuild facility to accommodate current Fire operational needs. Funding of this project will be contingent on the outcome of a future bond election.



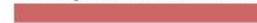
Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$7,658,501	\$7,658,501
Total	-	\$7,658,501	\$7,658,501

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$15,224	\$68,790	\$184,032	\$268,046
Purchases	-	-	-	\$419,771	\$1,896,650	\$5,074,034	\$7,390,455
Total	-	-	-	\$434,995	\$1,965,440	\$5,258,066	\$7,658,501

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

C10121 - Fire Stations 209, 210: Expansion

Project Description

Renovate the existing apparatus bays to allow for the location of a Transitional Response Vehicle (TRV) to the station and a general update of a 28-year old fire station.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,258,212	\$2,258,212
Total	-	\$2,258,212	\$2,258,212

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$6,468	\$72,569	-	\$79,037
Purchases	-	-	-	\$178,326	\$2,000,849	-	\$2,179,175
Total	-	-	-	\$184,794	\$2,073,418	-	\$2,258,212

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

C10421 - Fire Stations 213, 214: Expansion

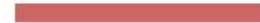
Project Description

Renovate the existing apparatus bays to allow for the location of a TRV to the station.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,434,369	\$2,434,369
Total	-	\$2,434,369	\$2,434,369

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$6,924	\$78,279	-	\$85,203
Purchases	-	-	-	\$190,913	\$2,158,253	-	\$2,349,166
Total	-	-	-	\$197,837	\$2,236,532	-	\$2,434,369

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CP0102 - Fire Station 221: Eastmark

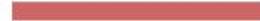
Project Description

This project will construct a fire station in the Eastmark development in southeast Mesa. With population growth a need for a fire station to respond to increased call volumes.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$5,793,256	\$5,793,256
Total	-	\$5,793,256	\$5,793,256

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$11,178	\$52,087	\$139,498	\$202,763
Purchases	-	-	-	\$308,210	\$1,436,138	\$3,846,145	\$5,590,493
Total	-	-	-	\$319,388	\$1,488,225	\$3,985,643	\$5,793,256

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

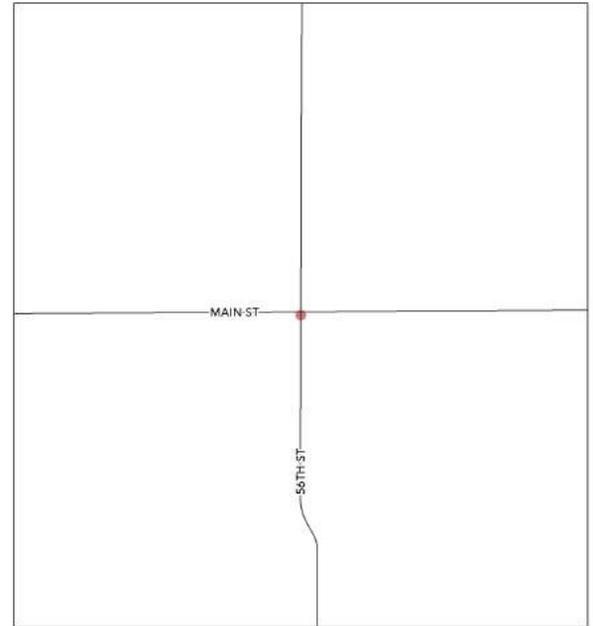
Fire

Project Number and Name

C10119 - Fire Station 222: Battalion Headquarters

Project Description

This project will build a new fire station, including apparatus at an east Mesa location to be determined. Funding of this project will be contingent on the outcome of a future bond election.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$6,151,346	\$6,151,346
Total	-	\$6,151,346	\$6,151,346

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$15,558	\$199,738	\$215,296
Purchases	-	-	-	-	\$428,960	\$5,507,090	\$5,936,050
Total	-	-	-	-	\$444,518	\$5,706,828	\$6,151,346

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CP0103 - Fire Stations: Land Acquisition for New Stations

Project Description

Acquire land for future fire stations. The fire department has identified the need for 3 stations, sites to be determined.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,636,895	\$2,636,895
Total	-	\$2,636,895	\$2,636,895

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$92,292	-	-	\$92,292
Purchases	-	-	-	\$2,544,603	-	-	\$2,544,603
Total	-	-	-	\$2,636,895	-	-	\$2,636,895

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CP0340 - Mesa Regional Dispatch & Emergency Operations Center

Project Description

Acquire the land and construct a new Mesa Fire and Medical Regional Dispatch Center and Emergency Operations center.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$13,800,000	\$13,800,000
Total	-	\$13,800,000	\$13,800,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Admin	\$36,632	\$350,544	\$95,812	-	-	-	\$482,988
Construction	\$1,009,995	\$9,665,320	\$2,641,697	-	-	-	\$13,317,012
Total	\$1,046,627	\$10,015,864	\$2,737,509	-	-	-	\$13,800,000

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

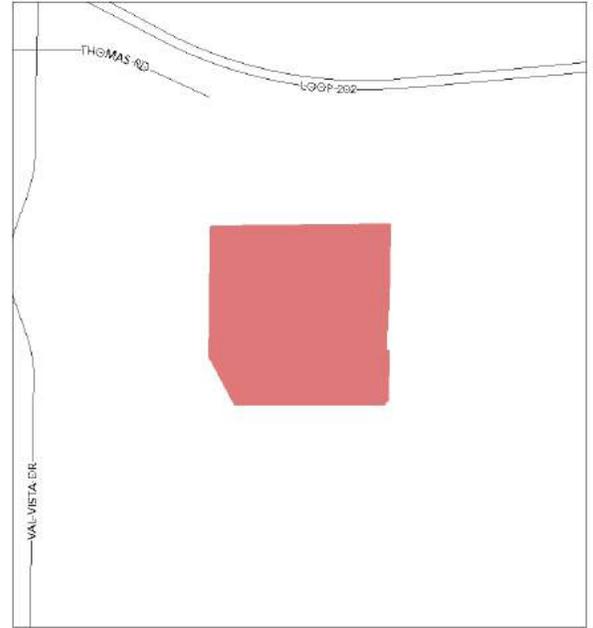
Fire

Project Number and Name

C10420 - PS Training Facility Imp: Audio-Visual Training Classroom

Project Description

This project will construct an addition at the Public Safety Training Facility to conduct firefighter training and create training opportunities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,599,675	\$2,599,675
Total	-	\$2,599,675	\$2,599,675

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$8,792	\$82,196	-	\$90,988
Purchases	-	-	-	\$242,425	\$2,266,262	-	\$2,508,687
Total	-	-	-	\$251,217	\$2,348,458	-	\$2,599,675

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

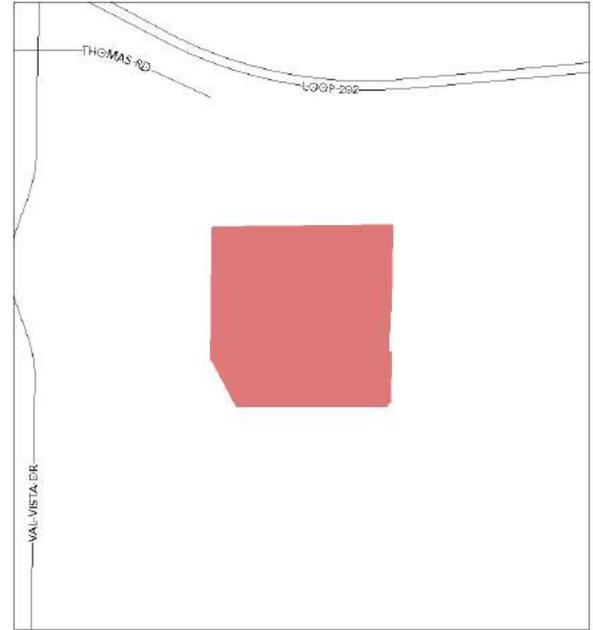
Fire

Project Number and Name

CP0096 - Public Safety Training Facility Improvements: Burn Room

Project Description

Remodel the existing burn room and expand the facilities to allow for training involving other combustible material such as natural gas.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$123,024	\$1,826,430	\$1,949,454
Total	\$123,024	\$1,826,430	\$1,949,454

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$60,000	-	-	-	-	-	\$60,000
Construction	\$1,640,000	-	-	-	-	-	\$1,640,000
Design	\$125,000	-	-	-	-	-	\$125,000
Direct Expenses	\$1,430	-	-	-	-	-	\$1,430
Total	\$1,826,430	-	-	-	-	-	\$1,826,430

**Public Safety Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Fire

Project Number and Name

CP0305 - VHF Radio System

Project Description

Complete the infrastructure buildout to bring up the VHF Radio System to operational for the TRWC.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$1,419,493	\$1,419,493
TOPAZ Joint Venture Fund	-	\$2,123,400	\$2,123,400
Total	-	\$3,542,893	\$3,542,893

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	\$1,501,650	\$1,523,574	\$517,669	-	-	-	\$3,542,893
Total	\$1,501,650	\$1,523,574	\$517,669	-	-	-	\$3,542,893

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0216 - Aviation Unit Hangar Remodel

Project Description

Remodel the hangar in addition to the main office spaces to allow for future growth. Expansion of the hangar will increase the available area for maintenance and aircraft storage.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$160,325	\$290,193	\$290,193
Total	\$160,325	\$290,193	\$290,193

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$9,818	-	-	-	-	-	\$9,818
Construction	\$261,245	-	-	-	-	-	\$261,245
Design	\$18,834	-	-	-	-	-	\$18,834
Direct Expenses	\$296	-	-	-	-	-	\$296
Total	\$290,193	-	-	-	-	-	\$290,193

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0540 - Central Basement Refurbishment

Project Description

Refurbishment of the Central substation basement would create new work areas and update existing flooring as well as renovate the current pump room.



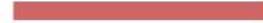
Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$3,515,427	\$3,515,427
Total	-	\$3,515,427	\$3,515,427

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$11,954	\$111,086	-	\$123,040
Construction	-	-	-	-	\$3,062,797	-	\$3,062,797
Design	-	-	-	\$329,590	-	-	\$329,590
Total	-	-	-	\$341,544	\$3,173,883	-	\$3,515,427

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

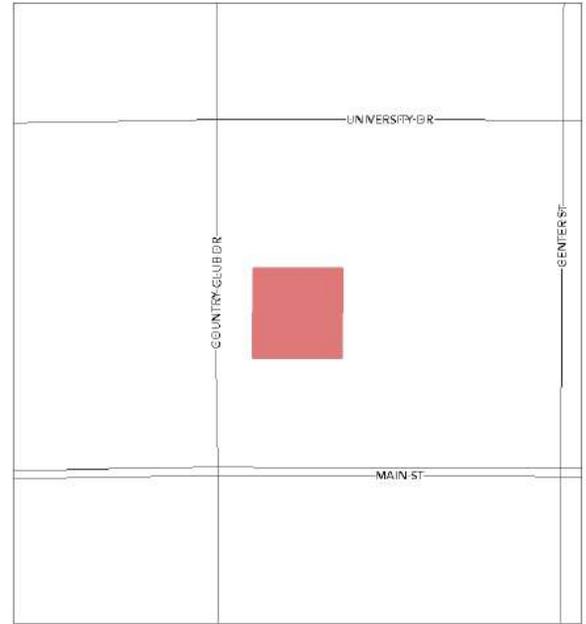
Police

Project Number and Name

CP0542 - Central Community Media Room

Project Description

Installation of AV presentation equipment including camera, monitors, and audio systems to allow for news conferences.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$177,100	\$177,100
Total	-	\$177,100	\$177,100

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,199	-	-	-	-	-	\$6,199
Construction	\$170,901	-	-	-	-	-	\$170,901
Total	\$177,100	-	-	-	-	-	\$177,100

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0214 - Communications Building Facility Improvements

Project Description

Modernize vital Mesa Public Safety communication support systems that are essential to maintain 24/7 operations in all weather conditions.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$2,147	\$350,000	\$350,000
Public Safety Bond Construction	\$1,552,871	\$2,500,135	\$2,500,135
Total	\$1,555,018	\$2,850,135	\$2,850,135

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$88,209	-	-	-	-	-	\$88,209
Construction	\$2,665,143	-	-	-	-	-	\$2,665,143
Design	\$95,000	-	-	-	-	-	\$95,000
Direct Expenses	\$1,783	-	-	-	-	-	\$1,783
Total	\$2,850,135	-	-	-	-	-	\$2,850,135

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

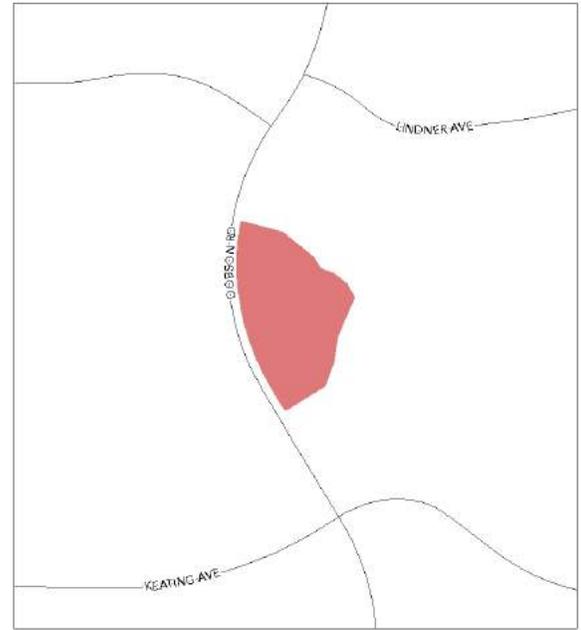
Police

Project Number and Name

CP0494 - Dobson Substation Remodel

Project Description

Design and construction of a parking canopy to house and provide protection for vehicles and equipment at Dobson Substation.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$139,736	\$65,580	\$205,316
Total	\$139,736	\$65,580	\$205,316

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,544	-	-	-	-	-	\$2,544
Construction	\$63,036	-	-	-	-	-	\$63,036
Total	\$65,580	-	-	-	-	-	\$65,580

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Police

Project Number and Name

CP0541 - Evidence Shelving

Project Description

Replacement of 23 computerized moveable shelving units that are reaching end of life.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$500,000	\$500,000
Total	-	\$500,000	\$500,000

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$17,500	-	-	-	-	-	\$17,500
Construction	\$482,500	-	-	-	-	-	\$482,500
Total	\$500,000	-	-	-	-	-	\$500,000

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

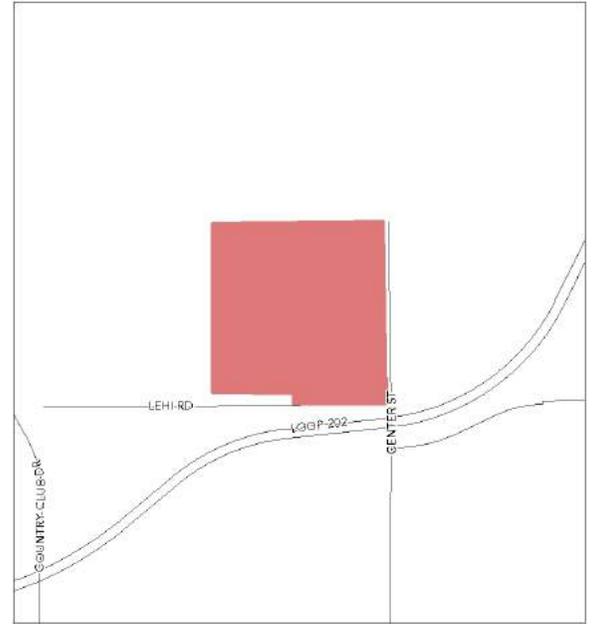
Police

Project Number and Name

CP0341 - Firearms Range Improvements

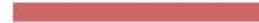
Project Description

Construction of a new consolidated building to increase the security of the site. Includes secure garage space and closed-circuit TV cameras and monitoring equipment to ensure the safe storage of law enforcement weapons and ammunition.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$113,571	\$1,501,092	\$1,614,663
Total	\$113,571	\$1,501,092	\$1,614,663

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$51,000	-	-	-	-	-	\$51,000
Construction	\$1,388,496	-	-	-	-	-	\$1,388,496
Design	\$60,000	-	-	-	-	-	\$60,000
Direct Expenses	\$1,596	-	-	-	-	-	\$1,596
Total	\$1,501,092	-	-	-	-	-	\$1,501,092

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

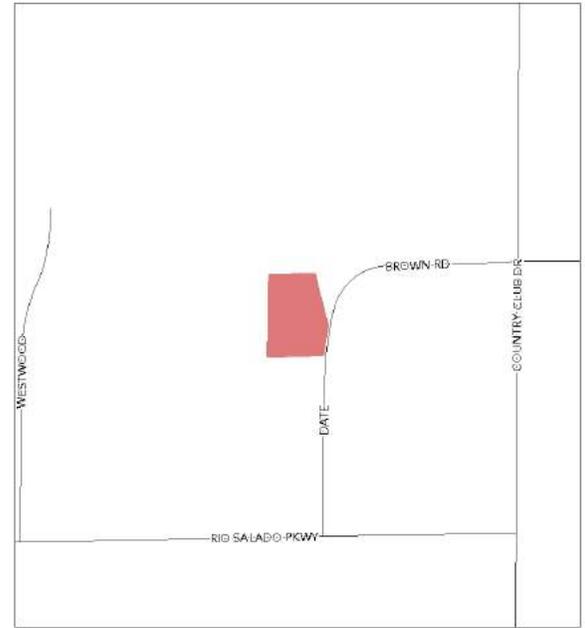
Police

Project Number and Name

CP0539 - Impound Lot Expansion

Project Description

Expansion of the storage area of the Police Department Vehicle Impound Lot in order to accommodate additional vehicles; lighting improvements; and alarm system upgrades.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$19,808	\$19,808
Total	-	\$19,808	\$19,808

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$676	-	-	-	-	-	\$676
Construction	\$17,324	-	-	-	-	-	\$17,324
Design	\$1,808	-	-	-	-	-	\$1,808
Total	\$19,808	-	-	-	-	-	\$19,808

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0546 - Metro Building Site Hardening

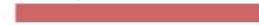
Project Description

Building is a pre-existing Bi-level office/light industrial property. Site Hardening is required to minimize threats to location/personnel. Improvements to landscape/wall/fence lines, adding secured access gates for entry/exit, and video surveillance.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$831,371	\$831,371
Total	-	\$831,371	\$831,371

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$29,098	-	-	\$29,098
Construction	-	-	-	\$802,273	-	-	\$802,273
Total	-	-	-	\$831,371	-	-	\$831,371

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CN0001 - Police Aviation (Helicopter)

Project Description

Replace police aircraft that have exceeded their useful life based on flight hours for the purposes of providing public safety services to citizens.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$3,200,000	\$3,848,703	\$7,048,703
Total	\$3,200,000	\$3,848,703	\$7,048,703

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$134,704	-	-	\$134,704
Construction	-	-	-	\$3,713,999	-	-	\$3,713,999
Total	-	-	-	\$3,848,703	-	-	\$3,848,703

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Police

Project Number and Name

CP0443 - Police HQ Facility; Remodel 3rd & 4th Floors

Project Description

Constructed in 1989, these floors have increasingly hosted many employees in various office spaces. Improvements will make better use of the current space needs. Additional Admin and Staff Services Division needs require remodeling of these floors.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$3,068,383	\$3,068,383
Total	-	\$3,068,383	\$3,068,383

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$7,124	\$100,270	-	\$107,394
Construction	-	-	-	-	\$2,764,565	-	\$2,764,565
Design	-	-	-	\$196,424	-	-	\$196,424
Total	-	-	-	\$203,548	\$2,864,835	-	\$3,068,383

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Police

Project Number and Name

CP0204 - Police Headquarters Renovations

Project Description

Renovate the Police Department Headquarters to meet operational needs.



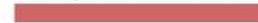
Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$5,178,927	\$5,178,927
Total	-	\$5,178,927	\$5,178,927

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$16,938	\$164,325	-	\$181,263
Construction	-	-	-	-	\$4,530,656	-	\$4,530,656
Design	-	-	-	\$467,008	-	-	\$467,008
Total	-	-	-	\$483,946	\$4,694,981	-	\$5,178,927

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0433 - Police Evidence Freezer

Project Description

The current freezer facilities used to maintain biological evidence is reaching storage limit capacity. Project would construct a new evidence freezer to ensure PD is capable of maintaining evidence as required by Arizona Revised Statutes Â§13-4221.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$86,024	\$850,854	\$936,878
Total	\$86,024	\$850,854	\$936,878

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$29,889	-	-	-	-	-	\$29,889
Construction	\$781,571	-	-	-	-	-	\$781,571
Design	\$38,500	-	-	-	-	-	\$38,500
Direct Expenses	\$894	-	-	-	-	-	\$894
Total	\$850,854	-	-	-	-	-	\$850,854

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0455 - PD Evidence Freezer Master Plan

Project Description

The City retained McClaren, Wilson & Lawrie to look at current and long term needs of the Police Department Evidence Section. The Master plan covered categories of evidence storage; current deficiencies, and a long term plan for storage needs.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$39,514	\$10,613	\$50,127
Total	\$39,514	\$10,613	\$50,127

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$464	-	-	-	-	-	\$464
Design	\$10,149	-	-	-	-	-	\$10,149
Total	\$10,613	-	-	-	-	-	\$10,613

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Police

Project Number and Name

CP0084 - Police Holding Facility Improvements

Project Description

Improvements to the holding facility include the addition of four (4) holding cells. Construction would include structural concrete walls, plumbing, electrical, ventilation, and closed-circuit TV cameras for monitoring prisoners.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$69,984	\$1,775,238	\$1,845,222
Restricted Programs Fund	-	\$206,726	\$206,726
Total	\$69,984	\$1,981,964	\$2,051,948

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$67,125	-	-	-	-	-	\$67,125
Construction	\$1,758,300	-	-	-	-	-	\$1,758,300
Construction Admin	\$6,539	-	-	-	-	-	\$6,539
Design	\$150,000	-	-	-	-	-	\$150,000
Total	\$1,981,964	-	-	-	-	-	\$1,981,964

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

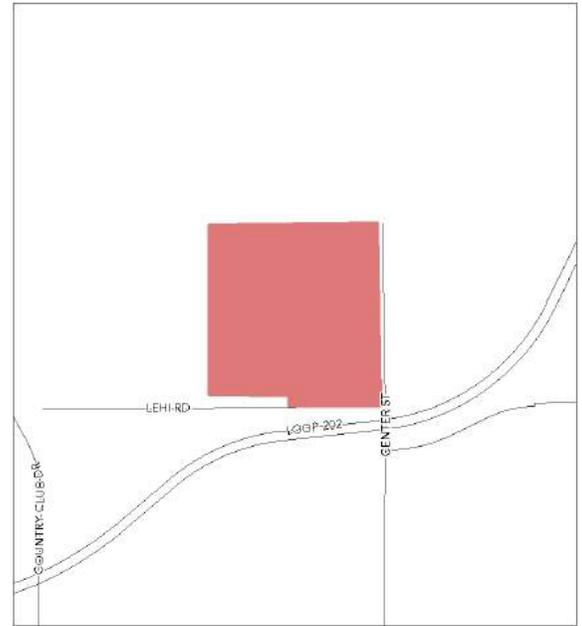
Police

Project Number and Name

CP0543 - Police Shooting Range Expansion

Project Description

Expansion of the Police Shooting Range from five to eight lanes and adding a hazardous device training area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$872,248	\$872,248
Total	-	\$872,248	\$872,248

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$30,529	-	-	\$30,529
Construction	-	-	-	\$841,719	-	-	\$841,719
Total	-	-	-	\$872,248	-	-	\$872,248

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

CP0251 - Public Safety Facilities at Phoenix-Mesa Gateway Airport

Project Description

Construct police and fire facilities to support the future growth at Phx-Mesa Gateway.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$6,892,186	\$6,892,186
Total	-	\$6,892,186	\$6,892,186

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$18,443	\$222,784	\$241,227
Construction	-	-	-	-	-	\$6,142,472	\$6,142,472
Design	-	-	-	-	\$508,487	-	\$508,487
Total	-	-	-	-	\$526,930	\$6,365,256	\$6,892,186

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

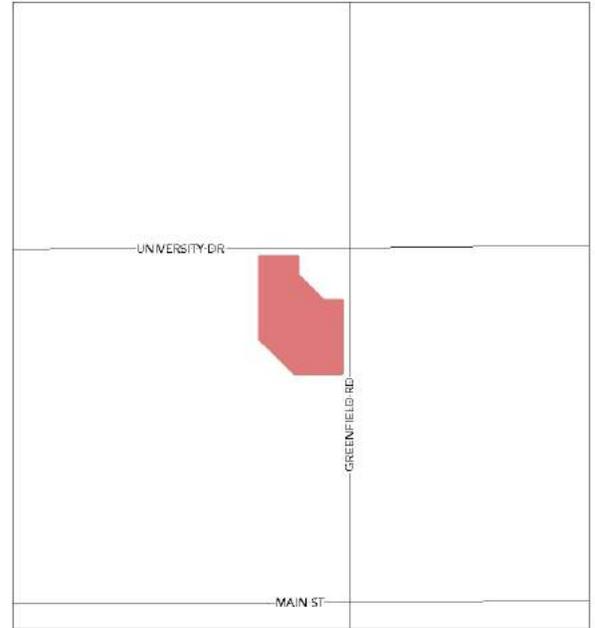
Police

Project Number and Name

CP0087 - Red Mountain Police Substation Expansion

Project Description

Expansion of the Red Mountain patrol substation to provide services to the northeast including offices, briefing room, locker room, and storage.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$16,664,109	\$16,664,109
Total	-	\$16,664,109	\$16,664,109

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$55,682	\$363,818	\$163,744	\$583,244
Construction	-	-	-	-	\$10,030,974	\$4,514,668	\$14,545,642
Design	-	-	-	\$1,535,223	-	-	\$1,535,223
Total	-	-	-	\$1,590,905	\$10,394,792	\$4,678,412	\$16,664,109

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

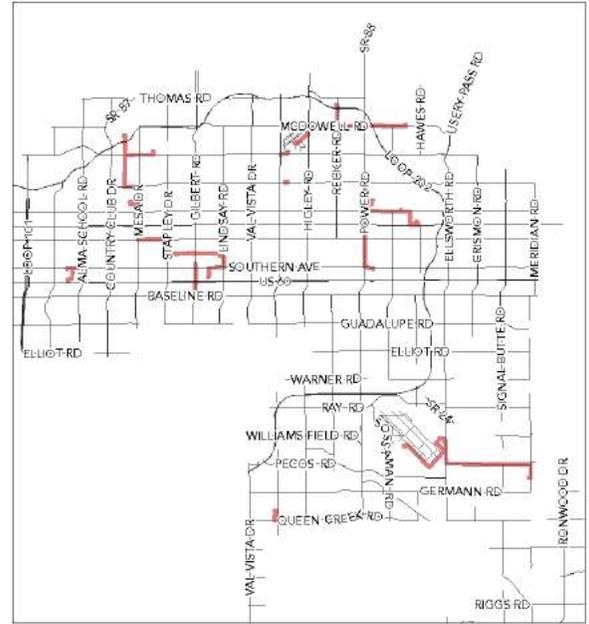
Communications

Project Number and Name

CP0092 - Fiber to Radio Network Backbone Sites

Project Description

Improve the infrastructure that provides voice and data services to fire stations and other City facilities over the City's point-to-point microwave radio network.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	400,532	\$4,339,769	\$4,740,301
Total	400,532	\$4,339,769	\$4,740,301

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$142,000	-	-	-	-	-	\$142,000
Construction	\$3,980,000	-	-	-	-	-	\$3,980,000
Design	\$213,515	-	-	-	-	-	\$213,515
Direct Expenses	\$4,254	-	-	-	-	-	\$4,254
Total	\$4,339,769	-	-	-	-	-	\$4,339,769

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Communications

Project Number and Name

CP0090 - TOPAZ Voice Radio Network Upgrade/Replacement

Project Description

Upgrade or replace the TOPAZ voice radio network, used by police, fire, and other municipal departments for mission-critical two-way communications.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$2,778,810	\$2,778,810
TOPAZ Joint Venture Fund	-	\$6,380,454	\$6,380,454
Total	-	\$9,159,264	\$9,159,264

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	\$5,067,656	\$1,700,742	\$781,574	\$797,111	\$812,181	-	\$9,159,264
Total	\$5,067,656	\$1,700,742	\$781,574	\$797,111	\$812,181	-	\$9,159,264

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Communications

Project Number and Name

CP0093 - Microwave Network Replacement

Project Description

Replace the point-to-point microwave radio infrastructure, which provides voice and data services to fire stations and other City facilities. This network has reached the end of its support lifecycle.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$4,132,636	\$4,132,636
Total	-	\$4,132,636	\$4,132,636

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	-	-	-	-	\$1,300,170	\$2,832,466	\$4,132,636
Total	-	-	-	-	\$1,300,170	\$2,832,466	\$4,132,636

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Communications

Project Number and Name

CP0438 - Regional Communications Authority

Project Description

Proposal to rejoin the Regional Wireless Cooperative (RWC) and TOPAZ Regional Wireless Cooperative (TRWC)



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$791,070	\$791,070
Total	-	\$791,070	\$791,070

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Direct Expenses	-	-	-	\$791,070	-	-	\$791,070
Total	-	-	-	\$791,070	-	-	\$791,070



City of Mesa

Five-Year Capital Improvement Program
FY 2016 - 2020

PUBLIC SAFETY PROJECTS

- Projects
- Canal
- Council District 1
- Council District 2
- Council District 3
- Council District 4
- Council District 5
- Council District 6

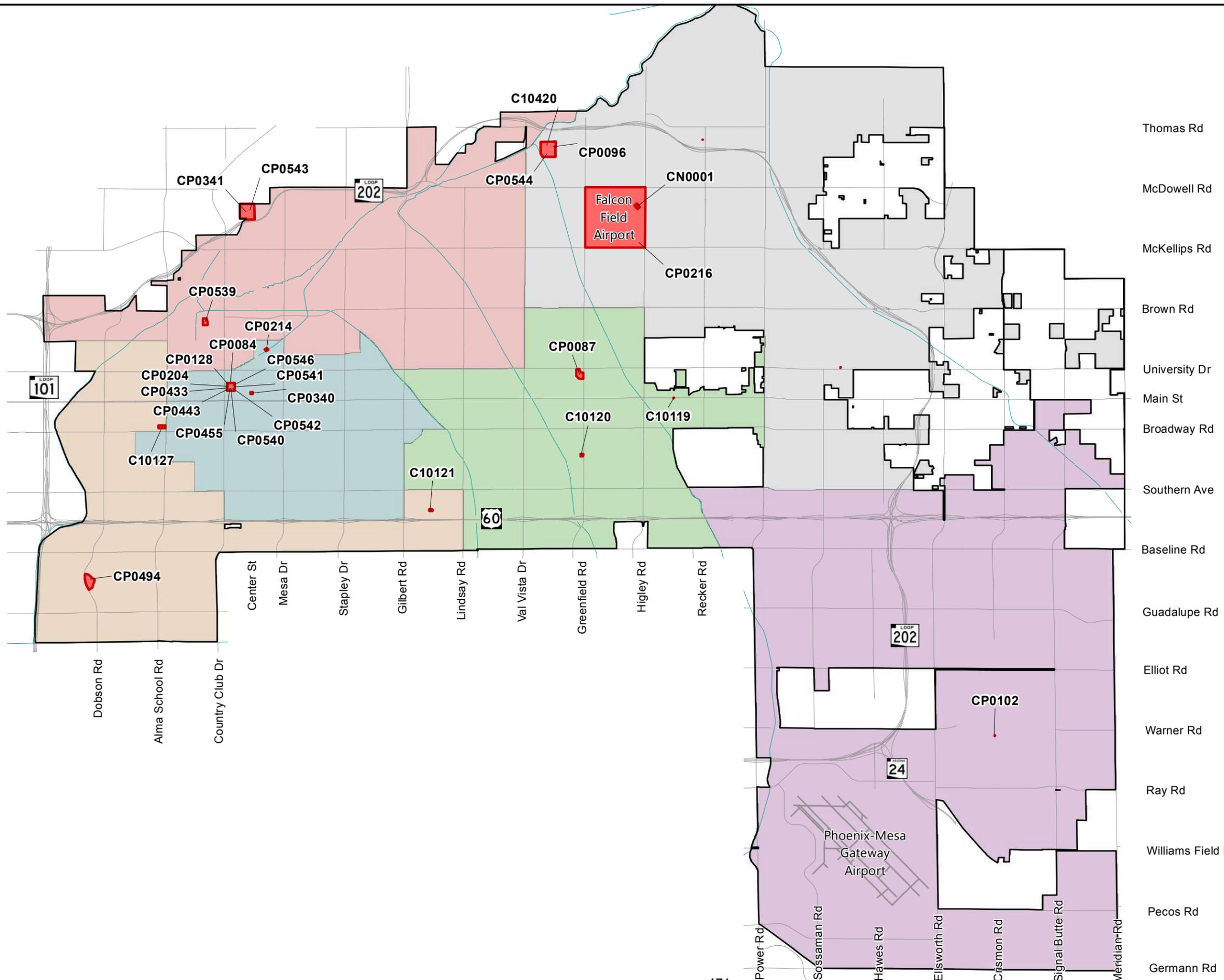
Citywide, External or Location TBD Projects

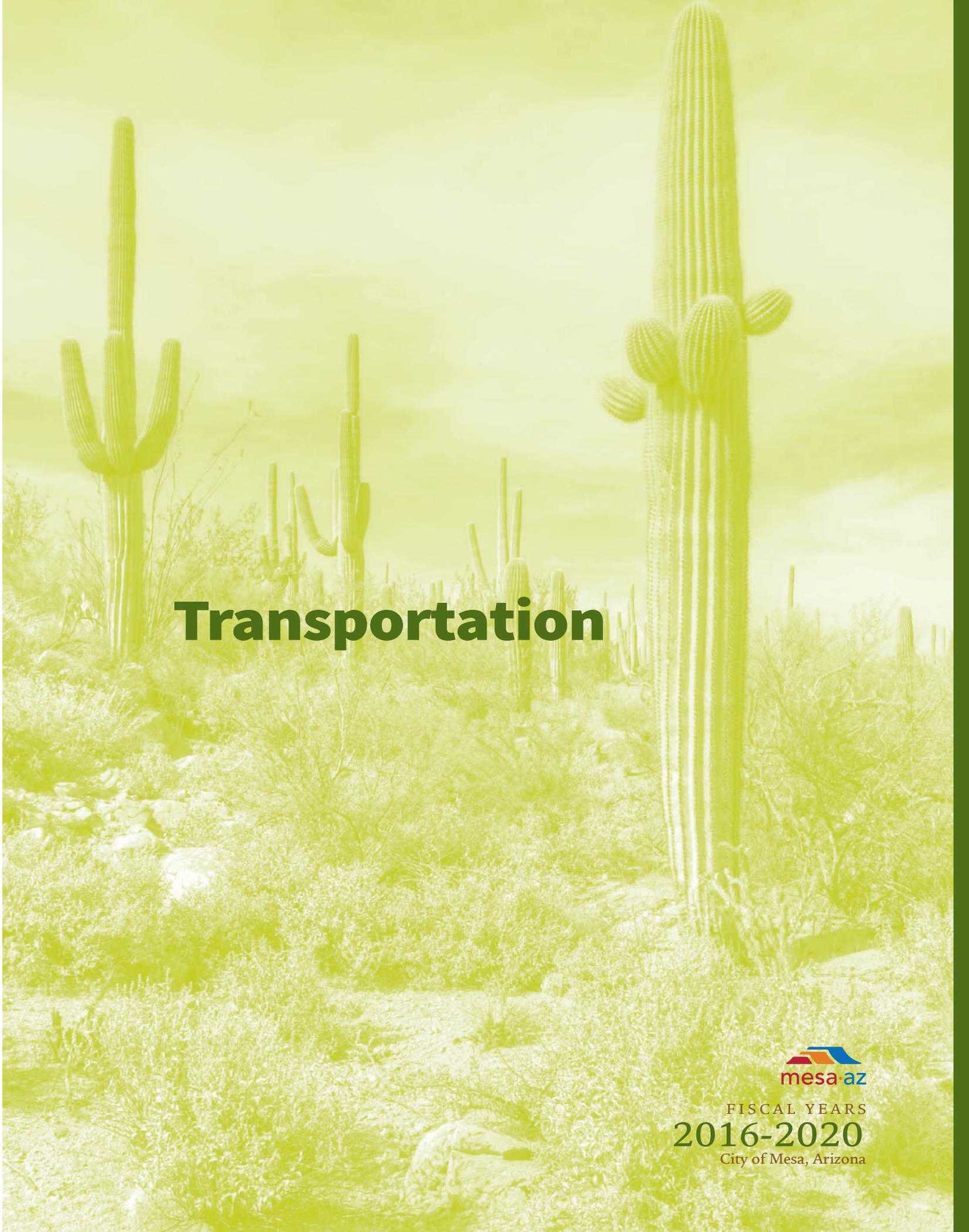
- CN0002
- CP0097
- CP0101
- CP0103
- CP0305



MAP CREATION DATE: 12/10/2015
MAP CREATED BY: Engineering-GIS

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A photograph of a desert landscape featuring several tall saguaro cacti. The scene is bathed in a warm, golden-yellow light, likely from a low sun, creating a hazy atmosphere. The cacti are of various sizes and stages of growth, some with multiple arms. The ground is covered with sparse, low-lying desert vegetation and scattered rocks.

Transportation



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program

Transportation

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**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

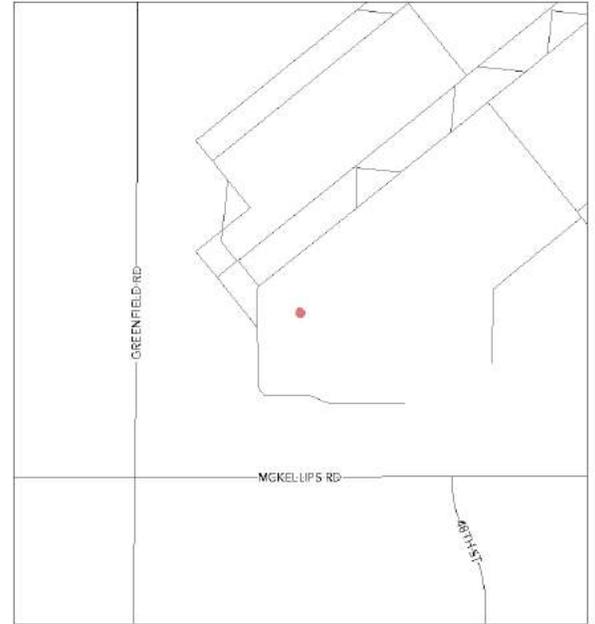
Falcon Field Airport

Project Number and Name

CP0405 - Access Road Improvements

Project Description

Construct access road improvements to allow for better flow of airport traffic between ramps and hangars.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$100,976	\$100,976
Total	-	\$100,976	\$100,976

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,416	-	-	-	-	-	\$3,416
Construction	\$97,560	-	-	-	-	-	\$97,560
Total	\$100,976	-	-	-	-	-	\$100,976

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

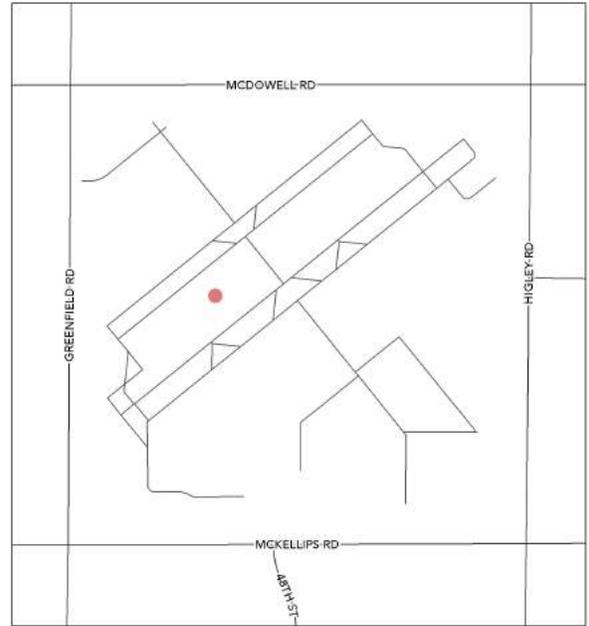
Falcon Field Airport

Project Number and Name

CP0416 - Acute Angle Taxiways

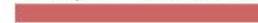
Project Description

Construct High-Speed Exits on runway 4L/22R to provide increased safety and operational flexibility.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$202,006	\$202,006
Grants - Enterprise	-	\$1,139,885	\$1,139,885
Total	-	\$1,341,891	\$1,341,891

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$46,813	-	-	-	-	-	\$46,813
Construction	\$1,170,078	-	-	-	-	-	\$1,170,078
Design	\$125,000	-	-	-	-	-	\$125,000
Total	\$1,341,891	-	-	-	-	-	\$1,341,891

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

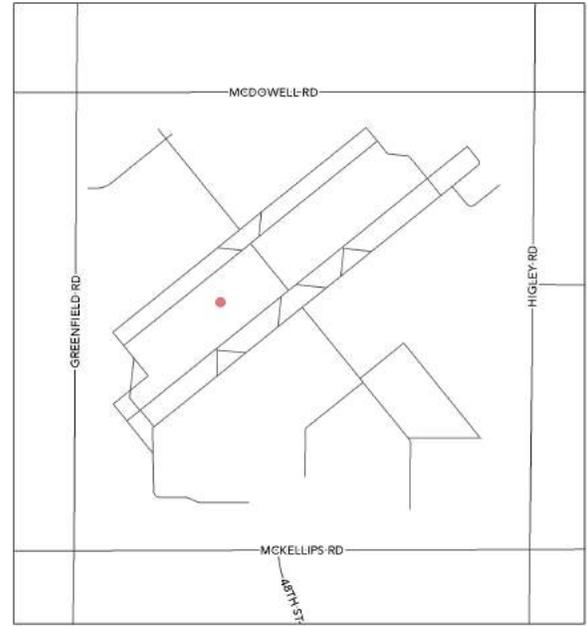
Falcon Field Airport

Project Number and Name

CP0114 - Airfield Lighting and Signage Upgrade

Project Description

Replace Runway and Taxiway lights with newer light emitting diode (LED) lights which will reduce electrical and maintenance costs due to the longer lifespan of the LED lights.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$170,825	\$170,825
Grants - Enterprise	-	\$1,128,222	\$1,128,222
Total	-	\$1,299,047	\$1,299,047

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,126	\$39,342	-	-	-	-	\$45,468
Construction	-	\$1,084,705	-	-	-	-	\$1,084,705
Design	\$168,874	-	-	-	-	-	\$168,874
Total	\$175,000	\$1,124,047	-	-	-	-	\$1,299,047

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

C09036 - Airport Historic Zone Improvements

Project Description

Construct improvements to the landscaping and airport signage as part of the continuing efforts to enhance the quality and appearance of Falcon Field Airport.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$3,031,298	\$3,031,298
Total	-	\$3,031,298	\$3,031,298

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$60,930	\$21,839	\$22,261	-	-	-	\$105,030
Construction	\$1,438,532	\$602,140	\$613,772	-	-	-	\$2,654,444
Design	\$271,824	-	-	-	-	-	\$271,824
Total	\$1,771,286	\$623,979	\$636,033	-	-	-	\$3,031,298

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

C10437 - Airport Terminal Building Upgrades

Project Description

Remodel the existing airport terminal building. The passenger waiting area, pilot briefing room, lobby and public restrooms are in need of upgrades to include ADA-compliant restroom facilities and public access.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	\$742,160	\$1,715,646	\$2,457,806
Total	\$742,160	\$1,715,646	\$2,457,806

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$63,646	-	-	-	-	-	\$63,646
Construction	\$1,550,000	-	-	-	-	-	\$1,550,000
Design	\$102,000	-	-	-	-	-	\$102,000
Total	\$1,715,646	-	-	-	-	-	\$1,715,646

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

C07042 - Anzio Ramp Expansion; Access Road and Lighting

Project Description

Expand Anzio ramp to include additional aircraft parking and run up area as well as improving access road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$118,735	\$118,735
Grants - Enterprise	-	\$674,663	\$674,663
Total	-	\$793,398	\$793,398

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$6,760	\$21,010	\$27,770
Construction	-	-	-	-	-	\$579,266	\$579,266
Design	-	-	-	-	\$186,362	-	\$186,362
Total	-	-	-	-	\$193,122	\$600,276	\$793,398

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

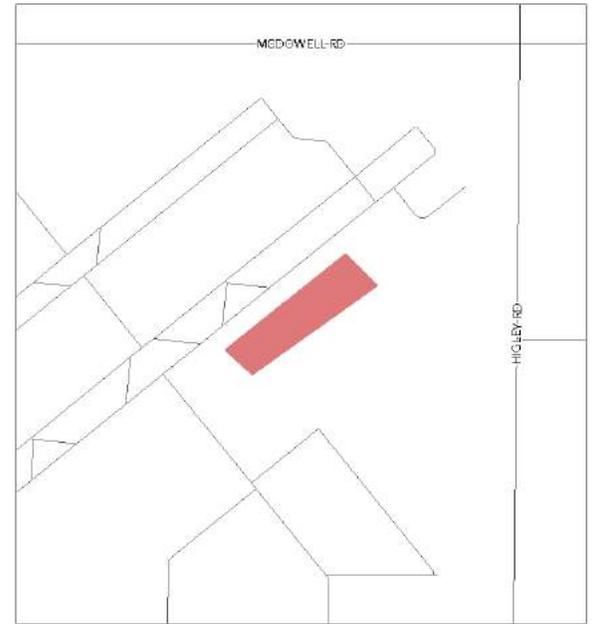
Falcon Field Airport

Project Number and Name

C06033 - Apron Lighting

Project Description

Design and construct apron lighting full length of the ramp south of Taxiway D to provide visibility at nighttime.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$176,007	\$176,007
Grants - Enterprise	-	\$976,747	\$976,747
Total	-	\$1,152,754	\$1,152,754

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$3,927	\$36,420	-	-	-	\$40,347
Construction	-	-	\$1,004,152	-	-	-	\$1,004,152
Design	-	\$108,255	-	-	-	-	\$108,255
Total	-	\$112,182	\$1,040,572	-	-	-	\$1,152,754

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

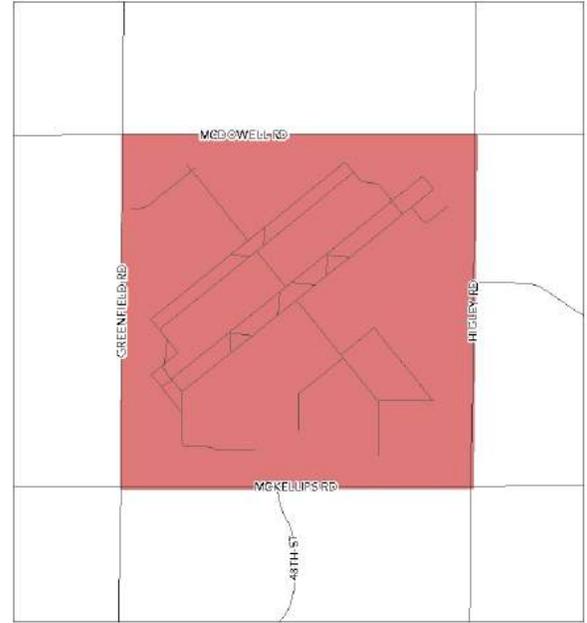
Falcon Field Airport

Project Number and Name

C10470 - Automated Surface Observing System (ASOS)

Project Description

Construct a concrete pad and electrical lines for an Automated Surface Observing System (ASOS) that is being installed by the Federal Aviation Administration (FAA) to improve the weather reporting capabilities at the airport.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	\$20,286	\$97,571	\$117,857
Total	\$20,286	\$97,571	\$117,857

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,300	-	-	-	-	-	\$3,300
Design	\$94,271	-	-	-	-	-	\$94,271
Total	\$97,571	-	-	-	-	-	\$97,571

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

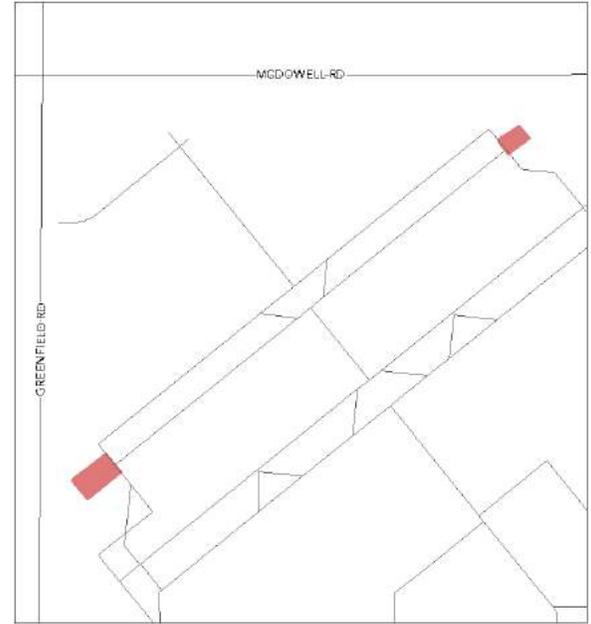
Falcon Field Airport

Project Number and Name

C07044 - Blast Pads for Runway 4L-22R

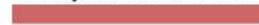
Project Description

Construct blast pads for Runway 4L-22R to reduce the erosive effects of jet blast and propeller wash.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$69,659	\$69,659
Grants - Enterprise	-	\$386,572	\$386,572
Total	-	\$456,231	\$456,231

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$15,968	-	-	-	-	-	\$15,968
Construction	\$440,263	-	-	-	-	-	\$440,263
Total	\$456,231	-	-	-	-	-	\$456,231

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

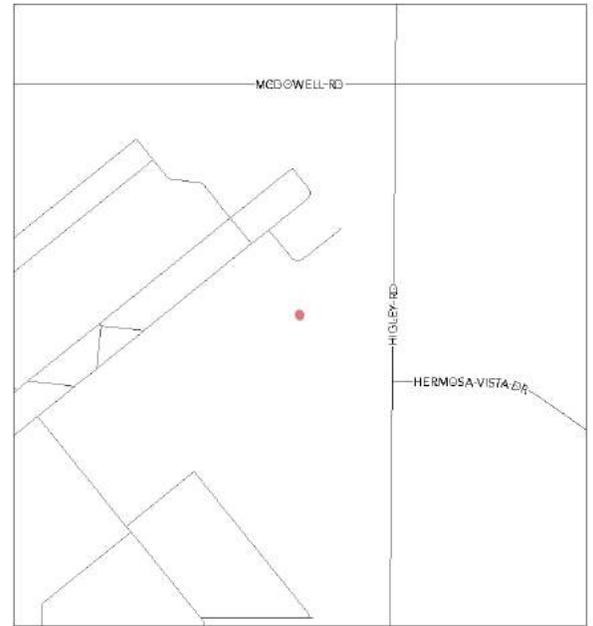
Falcon Field Airport

Project Number and Name

CP0258 - City Hangar Electrical Upgrades

Project Description

Upgrade the existing City-owned hangar electrical service.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	\$23,426	\$210,427	\$233,853
Total	\$23,426	\$210,427	\$233,853

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$7,242	-	-	-	-	-	\$7,242
Construction	\$192,185	-	-	-	-	-	\$192,185
Design	\$11,000	-	-	-	-	-	\$11,000
Total	\$210,427	-	-	-	-	-	\$210,427

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

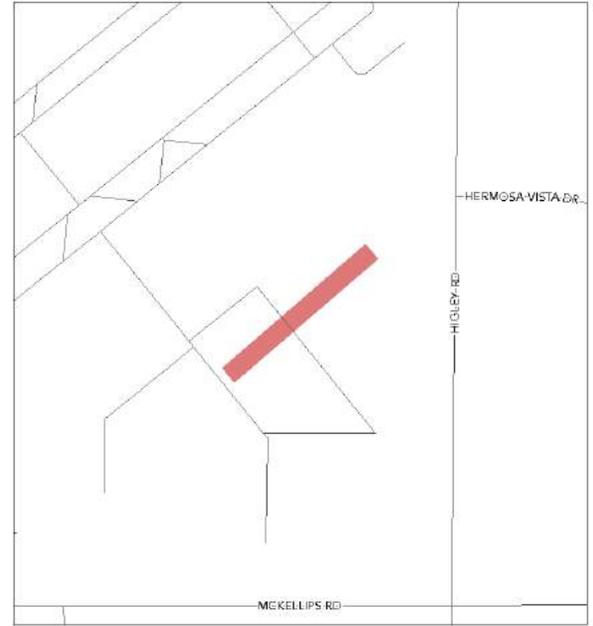
Falcon Field Airport

Project Number and Name

C06020 - Eastside Taxilane

Project Description

Construct the taxiway across Roadrunner Drive to provide aircraft access to the land located on the east side of the airport. This area is currently not accessible by aircraft. Installation of new storm drain lines, and cul-de-sacs.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$23,183	-	\$23,183
Falcon Field Airport	-	\$431,927	\$431,927
Grants - Enterprise	\$208,647	\$3,860,718	\$4,069,365
Total	\$231,830	\$4,292,645	\$4,524,475

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$22,140	\$128,103	\$150,243
Construction	-	-	-	-	-	\$3,531,989	\$3,531,989
Design	-	-	-	-	\$610,413	-	\$610,413
Total	-	-	-	-	\$632,553	\$3,660,092	\$4,292,645

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

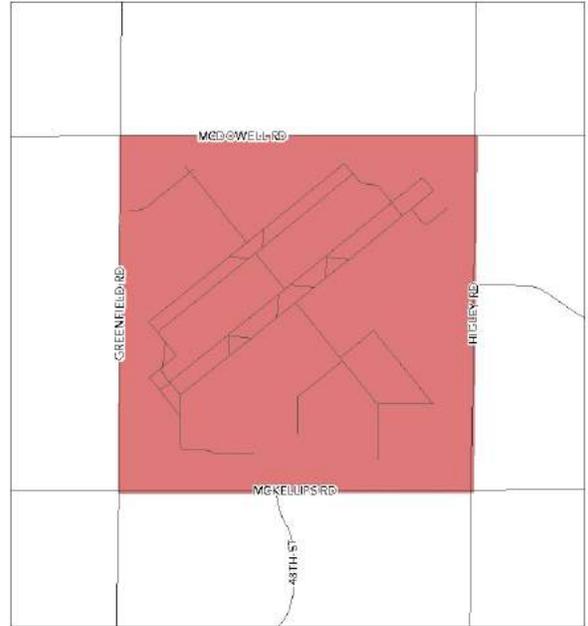
Falcon Field Airport

Project Number and Name

CP0549 - Emergency Generator Evaluation for FAA Tower

Project Description

Evaluate airport generator capabilities to support FAA tower communications in event of a power loss.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$1,600	\$1,600
Total	-	\$1,600	\$1,600

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$54	-	-	-	-	-	\$54
Design	\$1,546	-	-	-	-	-	\$1,546
Total	\$1,600	-	-	-	-	-	\$1,600

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

CP0256 - Falcon Field Master Plan

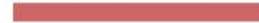
Project Description

Update the master plan document used to identify the ultimate development of the airport for a twenty year period.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$41,356	\$41,356
Grants - Enterprise	-	\$267,468	\$267,468
Total	-	\$308,824	\$308,824

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$10,809	-	-	-	-	\$10,809
Design	-	\$298,015	-	-	-	-	\$298,015
Total	-	\$308,824	-	-	-	-	\$308,824

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

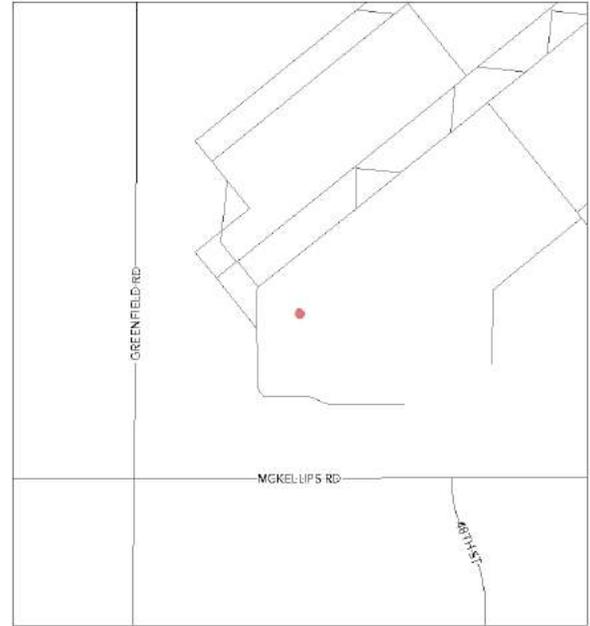
Falcon Field Airport

Project Number and Name

CP0398 - Falcon Field Tree Removal

Project Description

Conduct Environmental Assesment and remove tree groves in runway 4L/4R protection zones to improve safety.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$118,672	\$118,672
Grants - Enterprise	-	\$1,400,111	\$1,400,111
Total	-	\$1,518,783	\$1,518,783

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$6,716	\$46,443	-	\$53,159
Construction	-	-	-	-	\$1,280,485	-	\$1,280,485
Design	-	-	-	\$185,139	-	-	\$185,139
Total	-	-	-	\$191,855	\$1,326,928	-	\$1,518,783

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

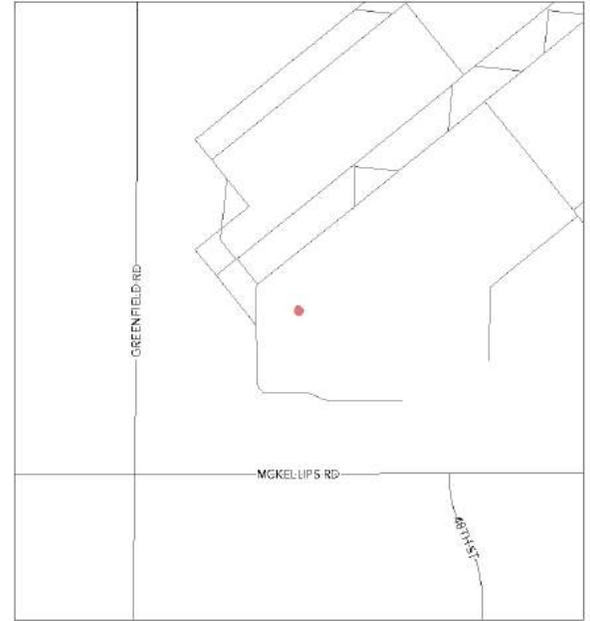
Falcon Field Airport

Project Number and Name

CP0403 - Gate Systems Upgrade

Project Description

Upgrade electric vehicle access gates to provide higher level of operational capabilities and reliability.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	\$6,004	\$300,213	\$306,217
Total	\$6,004	\$300,213	\$306,217

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,282	-	-	-	-	-	\$10,282
Construction	\$289,931	-	-	-	-	-	\$289,931
Total	\$300,213	-	-	-	-	-	\$300,213

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

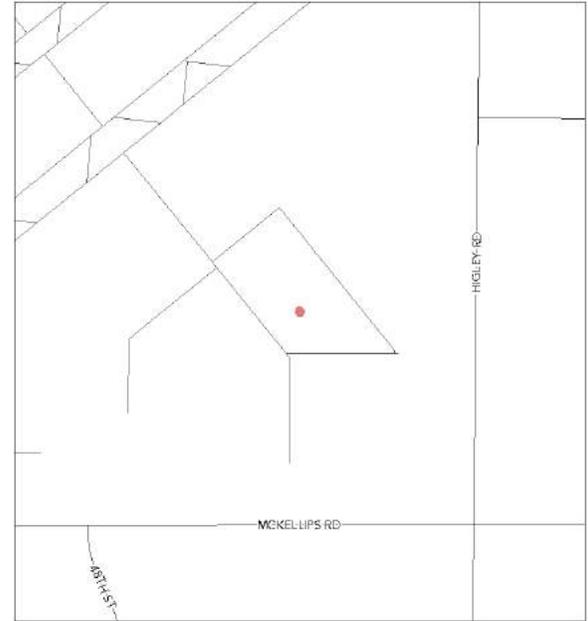
Falcon Field Airport

Project Number and Name

CP0407 - Hot Maintenance Facility

Project Description

Upgrade J Hangar to provide hot maintenance activities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$323,614	\$323,614
Total	-	\$323,614	\$323,614

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$11,327	-	-	-	\$11,327
Construction	-	-	\$312,287	-	-	-	\$312,287
Total	-	-	\$323,614	-	-	-	\$323,614

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

CP0257 - J-Hangar Rebuild

Project Description

Replace/rebuild City-owned damaged J Hangar.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$813,856	\$813,856
Total	-	\$813,856	\$813,856

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$28,206	-	-	-	-	-	\$28,206
Construction	\$768,877	-	-	-	-	-	\$768,877
Design	\$16,773	-	-	-	-	-	\$16,773
Total	\$813,856	-	-	-	-	-	\$813,856

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

CP0406 - Lease Parcel Improvements

Project Description

Improve existing airport lease parcels to attract additional customers.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$131,300	\$131,300
Total	-	\$131,300	\$131,300

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$4,550	-	-	-	-	-	\$4,550
Construction	\$126,750	-	-	-	-	-	\$126,750
Total	\$131,300	-	-	-	-	-	\$131,300

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

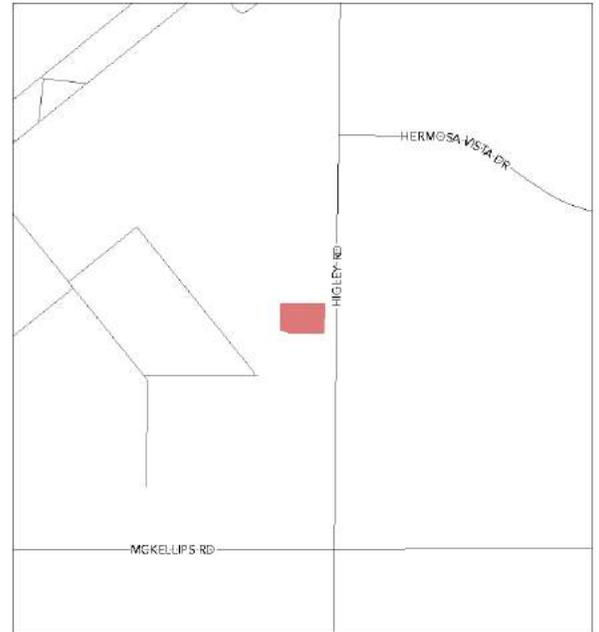
Falcon Field Airport

Project Number and Name

CP0408 - Operations Sweeper Maintenance Facility

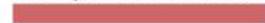
Project Description

Construct operations sweeper maintenance facility to provide a clean out pad for the City sweeper.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$40,049	\$40,049
Total	-	\$40,049	\$40,049

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,356	-	-	-	-	-	\$1,356
Construction	\$38,693	-	-	-	-	-	\$38,693
Total	\$40,049	-	-	-	-	-	\$40,049

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

CP0524 - Runway 22L Run up Area

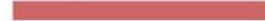
Project Description

Design and construct additional run up area for aircraft departing Runway 22L.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$226,998	\$226,998
Grants - Enterprise	-	\$1,259,726	\$1,259,726
Total	-	\$1,486,724	\$1,486,724

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$9,217	\$42,819	-	-	\$52,036
Construction	-	-	-	\$1,180,587	-	-	\$1,180,587
Design	-	-	\$254,101	-	-	-	\$254,101
Total	-	-	\$263,318	\$1,223,406	-	-	\$1,486,724

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

CP0400 - Runway 22R Approach Easement

Project Description

Acquire 1.56 Acre aviation easement for Runway 22 R Approach.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$105,702	\$105,702
Grants - Enterprise	-	\$586,591	\$586,591
Total	-	\$692,293	\$692,293

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$24,231	-	\$24,231
Construction	-	-	-	-	\$668,062	-	\$668,062
Total	-	-	-	-	\$692,293	-	\$692,293

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

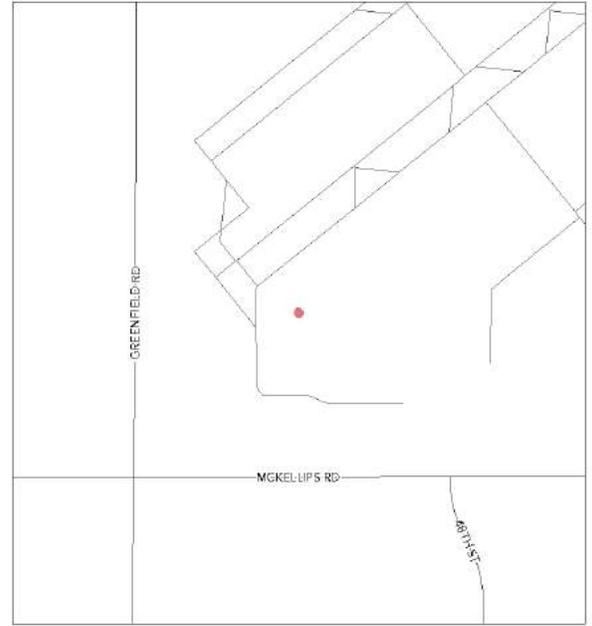
Falcon Field Airport

Project Number and Name

CP0397 - Safety Area Improvements

Project Description

Install rock to prevent erosion control, and reduce wildlife activity.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$487,069	\$487,069
Grants - Enterprise	-	\$4,353,599	\$4,353,599
Total	-	\$4,840,668	\$4,840,668

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$5,120	\$61,278	\$103,027	-	\$169,425
Construction	-	-	-	\$1,499,729	\$2,840,578	-	\$4,340,307
Design	-	-	\$141,168	\$189,768	-	-	\$330,936
Total	-	-	\$146,288	\$1,750,775	\$2,943,605	-	\$4,840,668

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

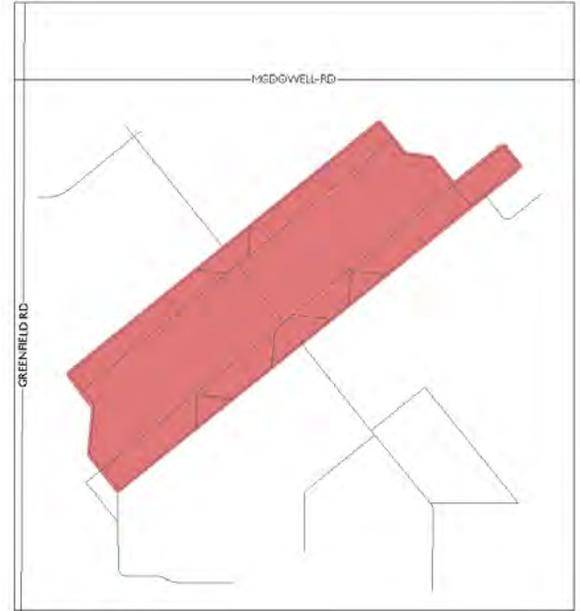
Falcon Field Airport

Project Number and Name

C10439 - Taxiway A and C Reconfiguration

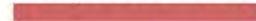
Project Description

Realign existing Taxiways A and C between the south side of Runway 4L-22R and the north side of Taxiway D to promote the use of Runway 4L-22R for training operations.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	\$33,261	\$365,698	\$398,959
Grants - Enterprise	\$337,028	\$3,268,748	\$3,605,776
Total	\$370,289	\$3,634,446	\$4,004,735

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$64,985	\$62,220	-	-	-	-	\$127,205
Construction	\$1,791,727	\$1,715,514	-	-	-	-	\$3,507,241
Total	\$1,856,712	\$1,777,734	-	-	-	-	\$3,634,446

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Falcon Field Airport

Project Number and Name

C07039 - Wash Rack Shade Structure

Project Description

This project will design and construct a shade structure over the existing aircraft wash rack. This project is part of a continuing effort to enhance the utility and quality of Falcon Field.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	\$82,906	\$751,307	\$834,213
Total	\$82,906	\$751,307	\$834,213

Project Expenditures by Phase and Year -

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$25,407	-	-	-	-	-	\$25,407
Construction	\$625,900	-	-	-	-	-	\$625,900
Design	\$100,000	-	-	-	-	-	\$100,000
Total	\$751,307	-	-	-	-	-	\$751,307

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Intelligent Transportation System

Project Number and Name

CP0419 - ITS - East Valley Arterial Congestion Monitoring

Project Description

Design a new congestion monitoring and travel time system for deployment within the jurisdictions participating in this project. The Project includes sensors installed at approximately one-mile increments.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov. Local	-	\$655,385	\$655,385
Streets Sales Tax Streets	-	\$326,486	\$326,486
Total	-	\$981,871	\$981,871

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$33,229	-	-	-	-	-	\$33,229
Construction	\$723,083	-	-	-	-	-	\$723,083
Design	\$193,473	-	-	-	-	-	\$193,473
Direct Expenses	\$27,086	-	-	-	-	-	\$27,086
Land Acquisition	\$5,000	-	-	-	-	-	\$5,000
Total	\$981,871	-	-	-	-	-	\$981,871

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Intelligent Transportation System

Project Number and Name

CP0420 - ITS - Integrate Mesa 911 Call

Project Description

Integrate Computer Aided Dispatch (CAD) data from the Mesa Fire Department 911 Call Center with the Regional Archived Data Systems (RADS). Mesa's center serves several communities in the East Valley including Mesa, Gilbert, Queen Creek.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov. Local	-	\$56,580	\$56,580
Streets Sales Tax	-	\$72,109	\$72,109
Total	-	\$128,689	\$128,689

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,983	-	-	-	-	-	\$3,983
Construction	\$75,000	-	-	-	-	-	\$75,000
Design	\$39,706	-	-	-	-	-	\$39,706
Direct Expenses	\$5,000	-	-	-	-	-	\$5,000
Land Acquisition	\$5,000	-	-	-	-	-	\$5,000
Total	\$128,689	-	-	-	-	-	\$128,689

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Intelligent Transportation System

Project Number and Name

CP0418 - ITS - ITS Technology Hardware

Project Description

Replaces aging computer equipment as it reaches its end of life in the ITS system. Computer equipment slated to be replaced includes servers, backup storage devices and networking equipment.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$569,848	\$569,848
Total	-	\$569,848	\$569,848

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,125	\$1,649	-	-	-	-	\$7,774
Construction	\$245,000	\$65,949	-	-	-	-	\$310,949
Purchases	\$251,125	-	-	-	-	-	\$251,125
Total	\$502,250	\$67,598	-	-	-	-	\$569,848

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Intelligent Transportation System

Project Number and Name

CP0109 - MAG ITS Projects

Project Description

Design future MAG ITS projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$2,105,610	\$2,105,610
Total	-	\$2,105,610	\$2,105,610

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$9,625	\$9,766	\$9,954	\$10,152	\$10,344	-	\$49,841
Construction	\$270,000	\$273,942	\$279,234	\$284,785	\$290,169	-	\$1,398,130
Design	\$115,000	\$116,679	\$118,933	\$121,297	\$123,591	-	\$595,500
Direct Expenses	\$2,000	\$2,029	\$2,068	\$2,110	\$2,149	-	\$10,356
Land Acquisition	\$10,000	\$10,146	\$10,342	\$10,548	\$10,747	-	\$51,783
Total	\$406,625	\$412,562	\$420,531	\$428,892	\$437,000	-	\$2,105,610

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Intelligent Transportation System

Project Number and Name

CP0345 - ITS Radio Communications Upgrades

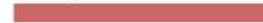
Project Description

Procurement and installation of new ITS Radio equipment to be installed on existing traffic signal poles and ITS towers. Move to a registered band that is less congested and will increase the bandwidth available to the City.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$233,864	\$233,864
Local Streets Sales Tax	-	\$249,728	\$249,728
Total	-	\$483,592	\$483,592

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,000	-	-	-	-	-	\$10,000
Construction	\$423,114	-	-	-	-	-	\$423,114
Design	\$24,264	-	-	-	-	-	\$24,264
Direct Expenses	\$20,000	-	-	-	-	-	\$20,000
Land Acquisition	\$6,214	-	-	-	-	-	\$6,214
Total	\$483,592	-	-	-	-	-	\$483,592

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Intelligent Transportation System

Project Number and Name

C10417 - West Side Real Time Adaptive Project

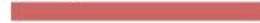
Project Description

Implement a traffic signal control system that dynamically adjusts signal timing based on real-time traffic conditions in west Mesa. Specific location will be formalized following a study of traffic and mobility patterns throughout the City of Mesa.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$409,856	\$409,856
Local Streets Sales Tax n	-	\$13,237	\$13,237
Streets Bond Construction	\$70,200	\$37,906	\$108,106
Total	\$70,200	\$460,999	\$531,199

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$26,474	-	-	-	-	-	\$26,474
Construction	\$434,525	-	-	-	-	-	\$434,525
Total	\$460,999	-	-	-	-	-	\$460,999

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

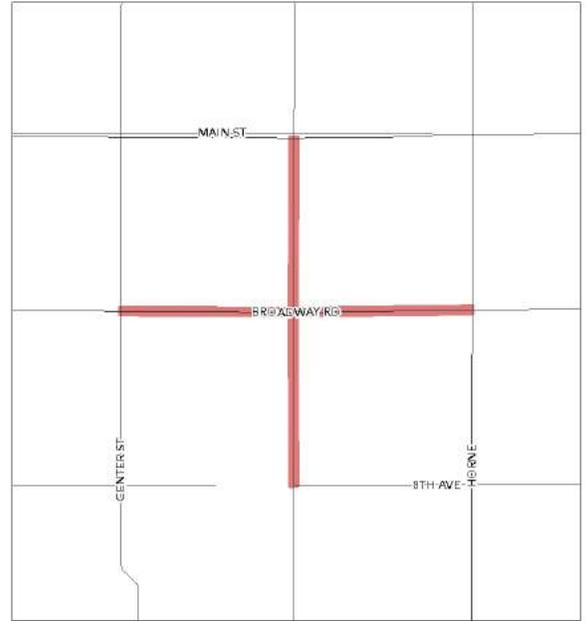
Regional Transportation Plan

Project Number and Name

C01400 - Mesa Drive Phase II

Project Description

Construct an additional through lane in all directions as well as fully-protected dual left turn lanes. Construct bus pullouts at all corners connected by detached sidewalks and new street lighting to help mitigate traffic congestion and enhance safety.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$4,057,387	\$4,057,387
Gas Bond Construction	-	\$55,944	\$55,944
Streets Bond Construction	-	\$13,845,141	\$13,845,141
Water Bond Construction	-	\$1,782,425	\$1,782,425
Total	-	\$19,740,897	\$19,740,897

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$470,561	\$370,380	-	-	-	-	\$840,941
Construction	\$5,099,828	\$10,582,278	-	-	-	-	\$15,682,106
Design	\$2,009,103	-	-	-	-	-	\$2,009,103
Direct Expenses	\$3,747	-	-	-	-	-	\$3,747
Land Acquisition	\$1,205,000	-	-	-	-	-	\$1,205,000
Total	\$8,788,239	\$10,952,658	-	-	-	-	\$19,740,897

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

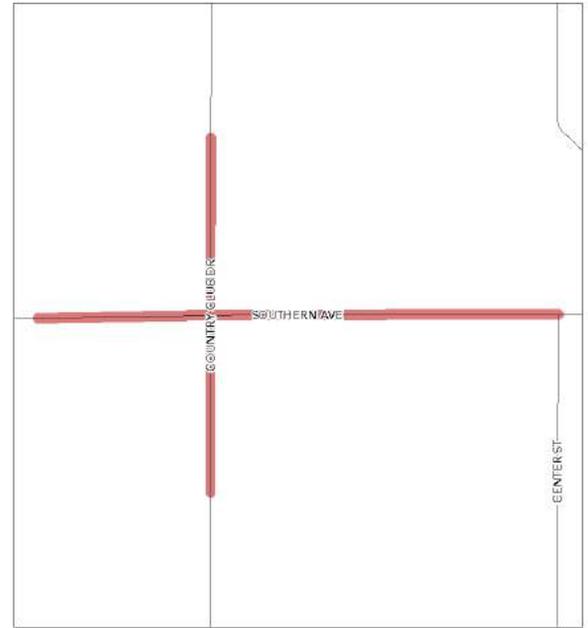
Regional Transportation Plan

Project Number and Name

C01434 - Southern Avenue & Country Club Drive Intersection Imp

Project Description

Construct intersection improvements to include an additional westbound through lane east of Country Club Drive, bus bays, and right turn lanes to reduce traffic congestion and improve safety.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$367,384	\$367,384
Gas Bond Construction	-	\$1,846,959	\$1,846,959
Grants - Gen. Gov.	-	\$2,370,955	\$2,370,955
Streets Bond Construction	\$169,881	\$12,300,245	\$12,470,126
Transportation	\$83,349	-	\$83,349
Wastewater Bond Construction	-	\$655,137	\$655,137
Water Bond Construction	-	\$2,710,276	\$2,710,276
Total	\$253,230	\$20,250,956	\$20,504,186

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$6,884	-	-	\$780,063	\$786,947
Construction	-	-	-	-	-	\$16,779,865	\$16,779,865
Design	-	-	\$92,083	-	-	\$376,591	\$468,674
Direct Expenses	-	-	\$92	-	-	\$221,855	\$221,947
Land Acquisition	-	-	-	-	-	\$1,993,523	\$1,993,523
Total	-	-	\$99,059	-	-	\$20,151,897	\$20,250,956

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

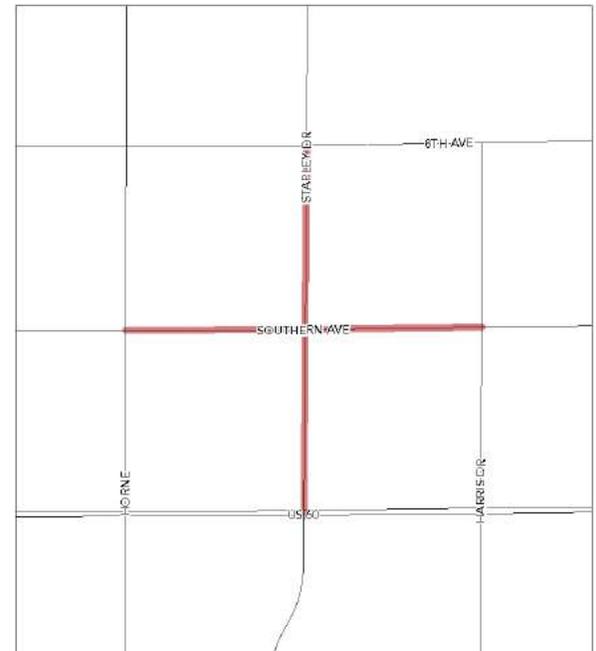
Regional Transportation Plan

Project Number and Name

C01814 - Southern Avenue and Stapley Drive Intersection Improvements

Project Description

Mitigate traffic delay and congestion and to enhance safety at this intersection. Improvements include construction of dual left turn lanes and additional through lanes. In addition, this project will improve the aging gas and storm sewer infrastructure.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$2,207,683	\$2,207,683
Grants - Gen. Gov.	-	\$7,233,740	\$7,233,740
Streets Bond Construction	\$82,686	\$20,215,955	\$20,298,641
Transportation	\$58,519	-	\$58,519
Wastewater Bond Construction	-	\$56,018	\$56,018
Water Bond Construction	-	\$230,541	\$230,541
Total	\$141,205	\$29,943,937	\$30,085,142

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$6,503	-	\$37,615	\$855,509	\$899,627
Construction	-	-	-	-	-	\$21,428,379	\$21,428,379
Design	-	-	\$81,203	-	-	\$649,609	\$730,812
Direct Expenses	-	-	\$82	-	-	\$59,635	\$59,717
Land Acquisition	-	-	-	-	\$1,074,700	\$5,750,702	\$6,825,402
Total	-	-	\$87,788	-	\$1,112,315	\$28,743,834	\$29,943,937

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

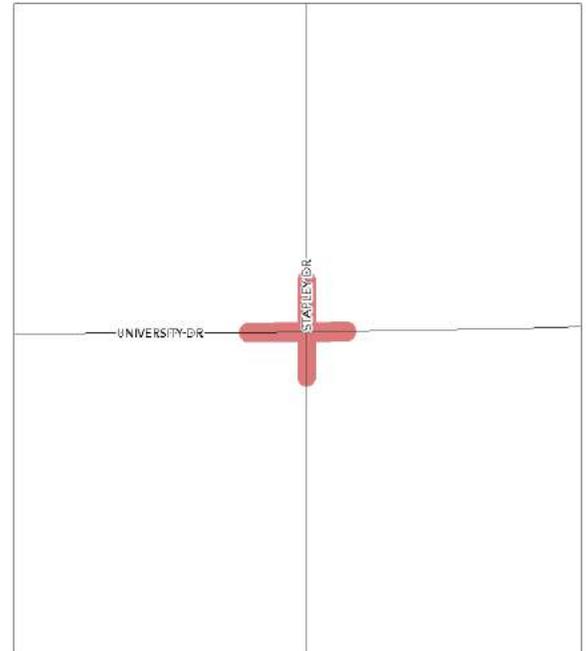
Regional Transportation Plan

Project Number and Name

C05041 - Stapley Drive and University Drive Intersection Improvements

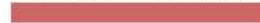
Project Description

Construct an additional left turn lane and right turn lane in all directions to reduce traffic congestion at this intersection. This project has been identified as a Regional Transportation Plan project.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$483,031	\$483,031
Streets Bond Construction	-	\$24,180,525	\$24,180,525
Water Bond Construction	-	\$1,109,315	\$1,109,315
Total	-	\$25,772,871	\$25,772,871

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$74,089	\$787,588	\$861,677
Construction	-	-	-	-	-	\$17,312,090	\$17,312,090
Design	-	-	-	-	\$934,989	\$619,968	\$1,554,957
Direct Expenses	-	-	-	-	\$4,226	\$52,470	\$56,696
Land Acquisition	-	-	-	-	\$1,177,617	\$4,809,834	\$5,987,451
Total	-	-	-	-	\$2,190,921	\$23,581,950	\$25,772,871

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Regional Transportation Plan

Project Number and Name

CP0158 - Transportation Funded Projects

Project Description

This project serves as a placeholder for Regional Transportation Plan reimbursement amounts for approved projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	(\$65,699,226)	(\$65,699,226)
Transportation	-	\$250,618,074	\$250,618,074
Total	-	\$184,918,848	\$184,918,848

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	\$17,272,067	\$16,899,943	\$23,225,101	\$36,762,259	\$44,719,144	\$46,040,334	\$184,918,848
Total	\$17,272,067	\$16,899,943	\$23,225,101	\$36,762,259	\$44,719,144	\$46,040,334	\$184,918,848

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Shared Use Paths

Project Number and Name

CP0531 - Bike and Ped Pilot projects

Project Description

This will include the design, before & after studies, implementation and evaluation of Transportation/Bike and Pedestrian projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$763,206	\$763,206
Total	-	\$763,206	\$763,206

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$175	\$12,784	\$12,850	-	-	-	\$25,809
Construction	-	\$355,110	\$361,970	-	-	-	\$717,080
Design	\$5,000	\$5,073	-	-	-	-	\$10,073
Land Acquisition	-	\$5,073	\$5,171	-	-	-	\$10,244
Total	\$5,175	\$378,040	\$379,991	-	-	-	\$763,206

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Shared Use Paths

Project Number and Name

CP0421 - SUP - Bike Share Phase 2

Project Description

Expand bike share program to maximize access and use of new and existing transportation infrastructure.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$565,983	\$565,983
Total	-	\$565,983	\$565,983

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	-	\$261,212	\$272,336	\$5,005	\$5,192	\$22,238	\$565,983
Total	-	\$261,212	\$272,336	\$5,005	\$5,192	\$22,238	\$565,983

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

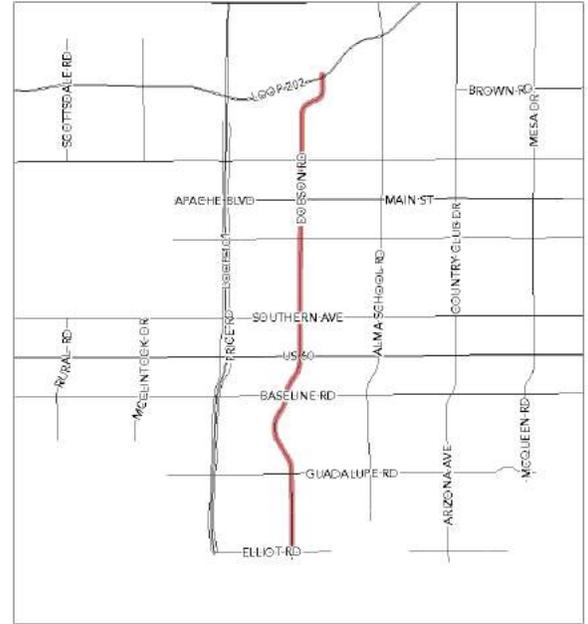
Shared Use Paths

Project Number and Name

CP0161 - Dobson Road 'Complete Streets' Feasibility Study

Project Description

This project consists of a feasibility study for Complete Streets Applications along Dobson Road from Main Street to Loop 202 San Tan Freeway.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$2,680,097	\$2,680,097
Total	-	\$2,680,097	\$2,680,097

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$6,313	\$6,432	\$77,886	\$90,631
Construction	-	-	-	-	-	\$2,218,670	\$2,218,670
Design	-	-	-	\$158,214	\$161,206	-	\$319,420
Direct Expenses	-	-	-	\$1,055	\$1,075	\$6,656	\$8,786
Land Acquisition	-	-	-	\$21,096	\$21,494	-	\$42,590
Total	-	-	-	\$186,678	\$190,207	\$2,303,212	\$2,680,097

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

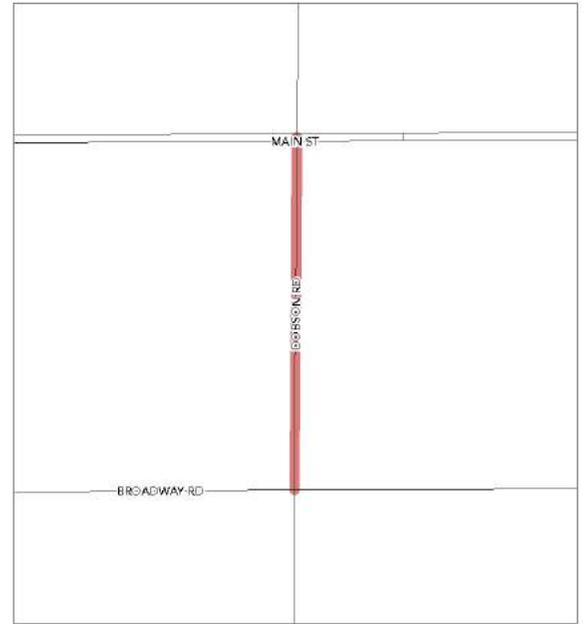
Shared Use Paths

Project Number and Name

C06008 - Dobson Rd Pedestrian & Bicycle Route Improvements

Project Description

Construct a bicycle and pedestrian route along Dobson Road from Broadway to Main Street. Dobson Road will be upgraded on both sides of the street to improve pedestrian and bicycle safety.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$2,871,700	\$2,871,700
Local Streets Sales Tax	-	\$85,418	\$85,418
Streets Bond Construction	-	\$127,545	\$127,545
Total	-	\$3,084,663	\$3,084,663

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$135,043	-	-	-	-	-	\$135,043
Construction	\$2,876,700	-	-	-	-	-	\$2,876,700
Design	\$29,669	-	-	-	-	-	\$29,669
Direct Expenses	\$39,769	-	-	-	-	-	\$39,769
Land Acquisition	\$3,482	-	-	-	-	-	\$3,482
Total	\$3,084,663	-	-	-	-	-	\$3,084,663

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Shared Use Paths

Project Number and Name

C06037 - Fiesta Paseo Pathway and Micro Park

Project Description

Pedestrian circulation between commercial centers, Mesa Community College and Banner Desert hospital is not convenient due to the priority given to automobiles. This project will create a more desirable environment for pedestrians and bicyclists.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov. L	-	\$1,872,334	\$1,872,334
Total	-	\$1,872,334	\$1,872,334

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$63,316	-	-	-	-	-	\$63,316
Construction-Grant	\$1,809,018	-	-	-	-	-	\$1,809,018
Total	\$1,872,334	-	-	-	-	-	\$1,872,334

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

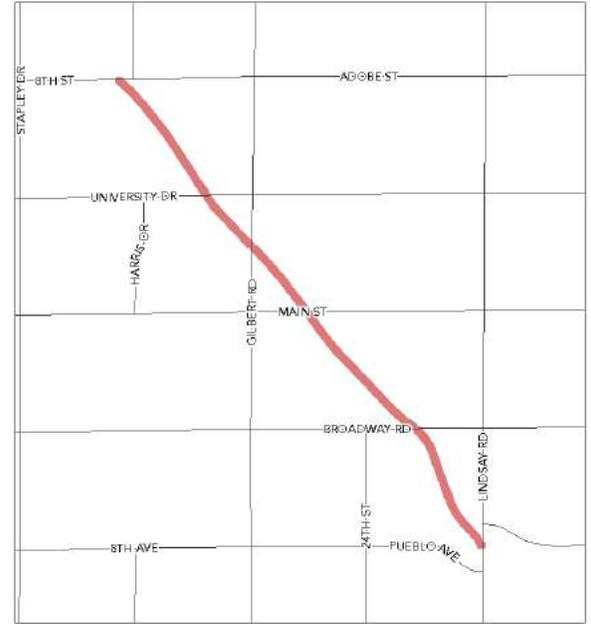
Shared Use Paths

Project Number and Name

CP0274 - Lighting on Consolidated Canal Phase 2, Adobe to Lindsay

Project Description

Design and construct the lighting for phase 2 of the consolidated canal from 8th Street to Lindsay Road. All of the underground work was completed as part of the original construction, but there were not sufficient funds to install the lighting.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$651,760	\$651,760
Total	-	\$651,760	\$651,760

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,048	\$19,993	-	-	-	-	\$22,041
Construction	-	\$571,219	-	-	-	-	\$571,219
Design	\$58,500	-	-	-	-	-	\$58,500
Total	\$60,548	\$591,212	-	-	-	-	\$651,760

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

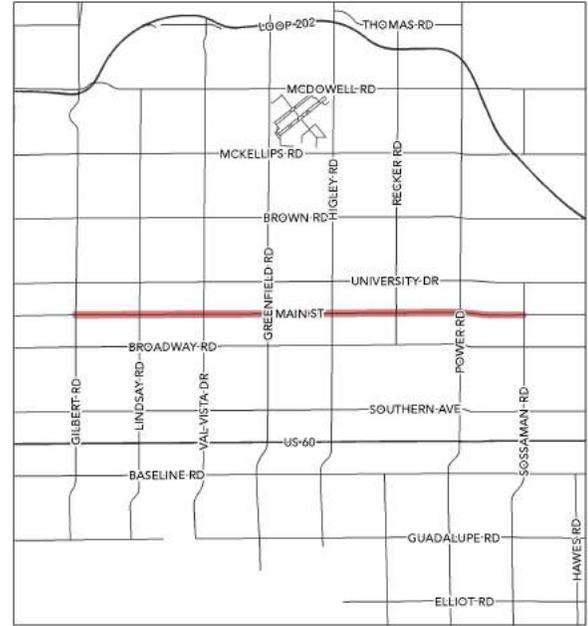
Shared Use Paths

Project Number and Name

CP0160 - Main Street Bicycle 'Complete Streets' Feasibility Study

Project Description

Conduct a feasibility study for Complete Streets Applications along Main Street from Gilbert to Sossaman Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$3,539,083	\$3,539,083
Total	-	\$3,539,083	\$3,539,083

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$9,629	\$83,200	\$92,829
Construction	-	-	-	-	-	\$1,681,950	\$1,681,950
Design	-	-	-	-	\$268,676	\$1,481,450	\$1,750,126
Direct Expenses	-	-	-	-	\$1,075	\$4,438	\$5,513
Land Acquisition	-	-	-	-	\$5,373	\$3,292	\$8,665
Total	-	-	-	-	\$284,753	\$3,254,330	\$3,539,083

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

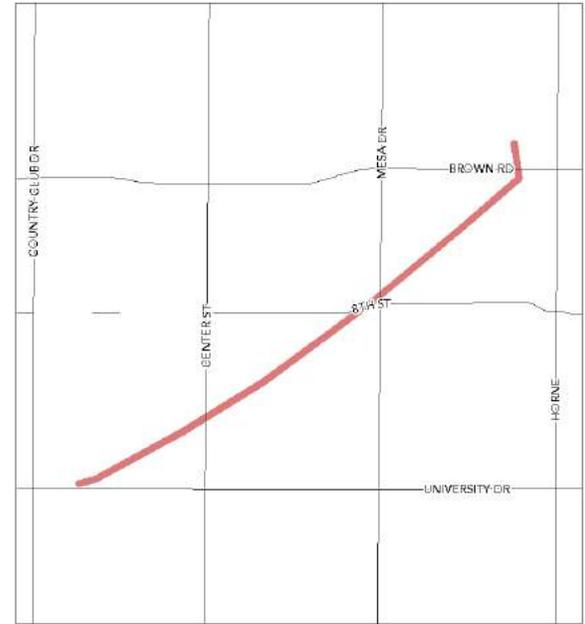
Shared Use Paths

Project Number and Name

C10460 - Porter Park Pathway

Project Description

Provide 1.1 miles of paved shared use path between Mesa Drive and 8th Street near the vicinity of Kino Junior High. The project will integrate pedestrian and bike amenities to the existing park.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$1,451,643	\$1,451,643
Local Streets Sales Tax	-	\$164,958	\$164,958
Total	-	\$1,616,601	\$1,616,601

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$54,668	-	-	-	-	-	\$54,668
Construction	\$1,553,749	-	-	-	-	-	\$1,553,749
Design	\$7,529	-	-	-	-	-	\$7,529
Direct Expenses	\$655	-	-	-	-	-	\$655
Total	\$1,616,601	-	-	-	-	-	\$1,616,601

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

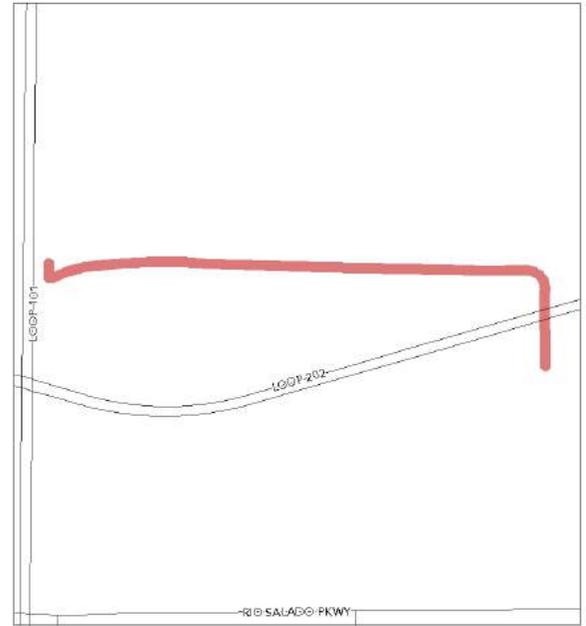
Shared Use Paths

Project Number and Name

C10469 - Rio Salado Pathway Segment 3

Project Description

Construct pathway that links the cities of Phoenix, Tempe and Mesa on the south side of the Salt River. Benefits include the creation of an alternative transportation mode connecting multiple areas in Mesa and Tempe.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$1,069,089	\$1,069,089
Parks Bond Construction	-	\$379,396	\$379,396
Total	-	\$1,448,485	\$1,448,485

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$68,337	-	-	-	-	-	\$68,337
Construction	\$1,198,000	-	-	-	-	-	\$1,198,000
Construction-Grant	\$57,000	-	-	-	-	-	\$57,000
Design	\$115,148	-	-	-	-	-	\$115,148
Direct Expenses	\$10,000	-	-	-	-	-	\$10,000
Total	\$1,448,485	-	-	-	-	-	\$1,448,485

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

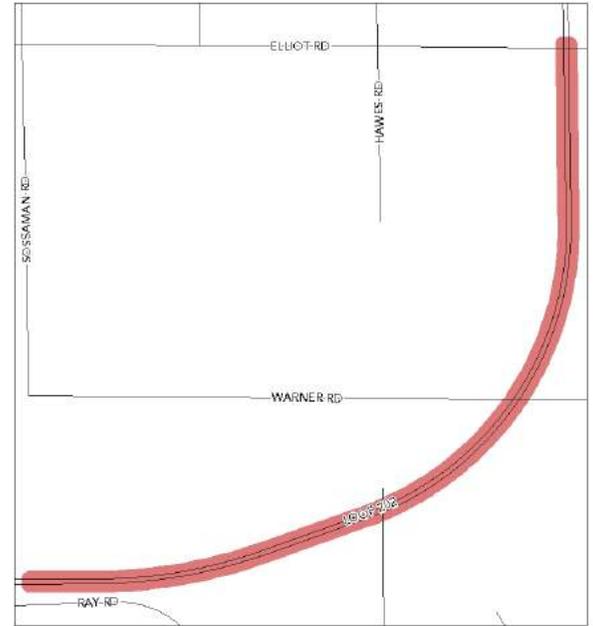
Shared Use Paths

Project Number and Name

CP0529 - SE Mesa Bike and Pedestrian Path (Segments 2-5)

Project Description

Design and construction of segments two to five, which are within ADOT's L202 Freeway ROW along and within the rights-of-way of the freeway.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$10,795,919	\$10,795,919
Total	-	\$10,795,919	\$10,795,919

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$5,980	\$738,824	\$1,526,552	\$2,271,356
Construction	-	-	-	-	\$1,934,460	\$6,055,326	\$7,989,786
Design	-	-	-	\$168,761	\$171,952	\$175,579	\$516,292
Direct Expenses	-	-	-	\$1,055	\$3,439	\$10,765	\$15,259
Land Acquisition	-	-	-	\$1,054	\$1,074	\$1,098	\$3,226
Total	-	-	-	\$176,850	\$2,849,749	\$7,769,320	\$10,795,919

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

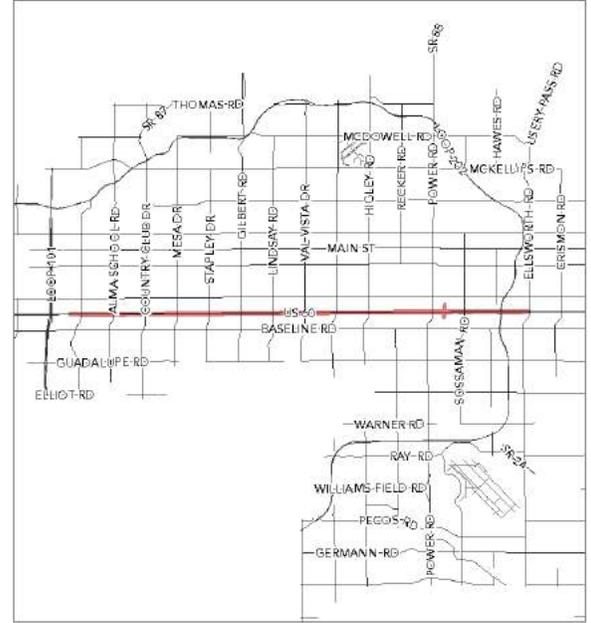
Shared Use Paths

Project Number and Name

CP0282 - Shared Use Path - US 60 R.O.W.

Project Description

Design and construct a shared use pathway with landscaping, rest areas and lighting from Dobson Road to Loop 202 San Tan Freeway extending along the US 60 ADOT ROW. This path will provide 12.0 miles of paved shared use path.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$11,445,933	\$11,445,933
Total	-	\$11,445,933	\$11,445,933

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	-	\$28,248	\$364,816	\$393,064
Construction	-	-	-	-	-	\$6,800,100	\$6,800,100
Design	-	-	-	-	\$806,026	\$3,438,939	\$4,244,965
Direct Expenses	-	-	-	-	\$1,075	\$6,729	\$7,804
Total	-	-	-	-	\$835,349	\$10,610,584	\$11,445,933

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Storm Sewer

Project Number and Name

CP0558 - 10th Ave and Serrine Drainage Improvements

Project Description

Flat streets lack capacity conveyance and tops over sidewalks and floods homes that are built at grade finished floors.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$150,000	\$150,000
Local Streets Sales Tax	-	\$50,000	\$50,000
Total	-	\$200,000	\$200,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$7,000	-	-	-	-	-	\$7,000
Construction	\$193,000	-	-	-	-	-	\$193,000
Total	\$200,000	-	-	-	-	-	\$200,000

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Storm Sewer

Project Number and Name

CP0554 - 2nd Ave and Solomon Drainage Improvements

Project Description

Flat streets, no retention and lack of drainage infrastructure causes flooding in homes. Water tops over Main Street into local streets with rain. Construction of regional basin to collect runoff that floods local neighborhoods.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$250,000	\$250,000
Local Streets Sales Tax	-	\$1,750,000	\$1,750,000
Total	-	\$2,000,000	\$2,000,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$70,000	-	-	-	-	-	\$70,000
Construction	\$1,930,000	-	-	-	-	-	\$1,930,000
Total	\$2,000,000	-	-	-	-	-	\$2,000,000

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Storm Sewer

Project Number and Name

CP0555 - Emerald Acres Area Drainage Improvements

Project Description

Improve drainage conditions in the neighborhoods west of Emerald Park. Improvements may include a new overflow weir to the ADOT channel, an alternate retention basin bleedoff line, and increased retention.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$250,000	\$250,000
Local Streets Sales Tax	-	\$250,000	\$250,000
Total	-	\$500,000	\$500,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$17,500	-	-	-	-	-	\$17,500
Construction	\$482,500	-	-	-	-	-	\$482,500
Total	\$500,000	-	-	-	-	-	\$500,000

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

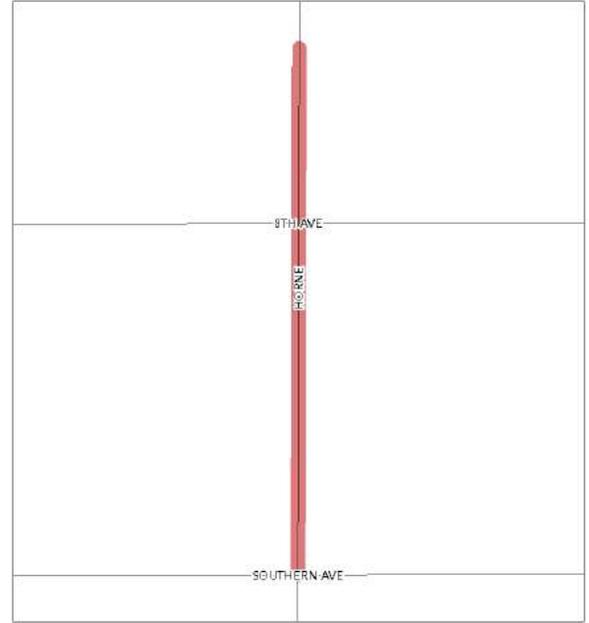
Storm Sewer

Project Number and Name

CP0557 - Horne Storm Drainage Improvements

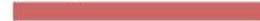
Project Description

Construct a new storm drain system in Horne Rd that will connect to an existing storm drain in Southern Ave. Improvements will provide better drainage to the neighborhoods surrounding Horne.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$250,000	\$250,000
Local Streets Sales Tax	-	\$1,950,000	\$1,950,000
Total	-	\$2,200,000	\$2,200,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$77,000	-	-	-	-	-	\$77,000
Construction	\$2,123,000	-	-	-	-	-	\$2,123,000
Total	\$2,200,000	-	-	-	-	-	\$2,200,000

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

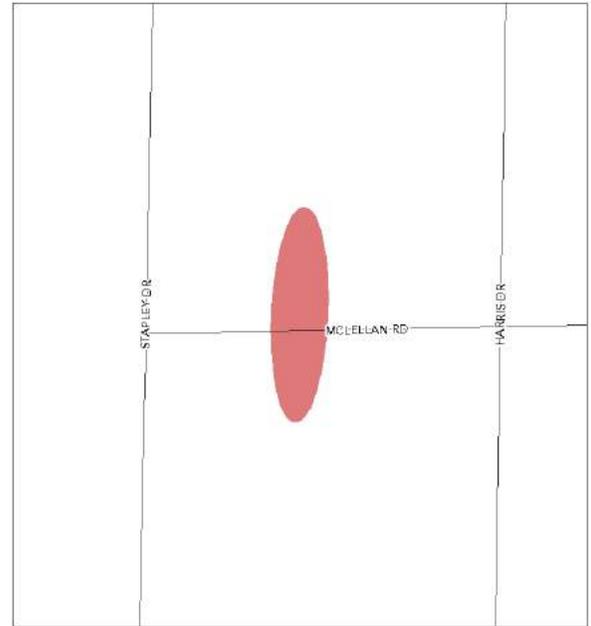
Storm Sewer

Project Number and Name

CP0556 - Royal Palms Drainage Improvements

Project Description

Construction of flap gates on manholes and relief line to Candlelight Park. Flooding caused by retention in the golf course backing up into the cul de sac and flooding homes.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$150,000	\$150,000
Local Streets Sales Tax	-	\$50,000	\$50,000
Total	-	\$200,000	\$200,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$7,000	-	-	-	-	-	\$7,000
Construction	\$193,000	-	-	-	-	-	\$193,000
Total	\$200,000	-	-	-	-	-	\$200,000

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Storm Sewer

Project Number and Name

CP0491 - Storm Drain Pump Stations

Project Description

Rehabilitate three storm drain pump stations along the Consolidated Canal. Each pump station will be installed with an upgraded pump along with the new electrical services and controls to run them manually or automatically.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Environmental Compliance Fee	-	\$2,053,600	\$2,053,600
Total	-	\$2,053,600	\$2,053,600

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$36,400	-	-	-	-	-	\$36,400
Construction	\$2,017,200	-	-	-	-	-	\$2,017,200
Total	\$2,053,600	-	-	-	-	-	\$2,053,600

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

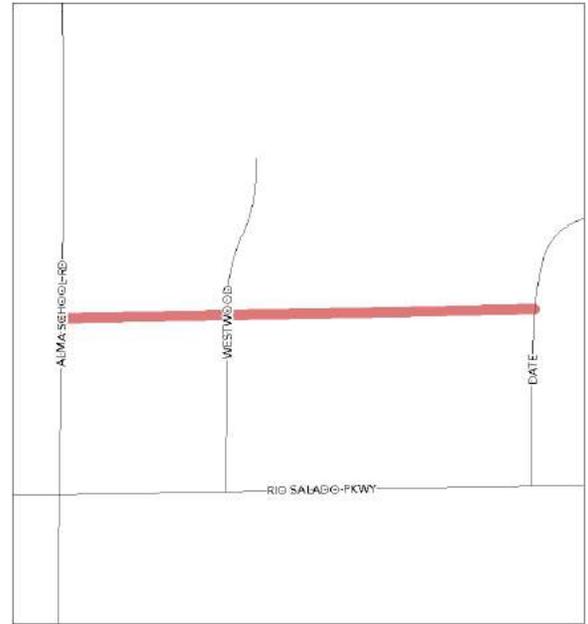
Streets

Project Number and Name

CP0343 - 10th Street Traffic Calming

Project Description

Traffic calming as well as pedestrian and bicycle improvements along 10th Street. Additionally, these pedestrian and bicycle improvements along 10th Street may accommodate users of a planned shared use path along the Crosscut Canal.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$49,322	\$1,114,960	\$1,164,282
Total	\$49,322	\$1,114,960	\$1,164,282

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$39,000	-	-	-	-	-	\$39,000
Construction	\$1,000,000	-	-	-	-	-	\$1,000,000
Design	\$75,000	-	-	-	-	-	\$75,000
Direct Expenses	\$960	-	-	-	-	-	\$960
Total	\$1,114,960	-	-	-	-	-	\$1,114,960

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0439 - Arterial Street Reconstruction

Project Description

Full reconstruction of arterial street segments that are at the end of their life cycle and can no longer be maintained by conventional means. Projects include upgrades to any concrete ramps, driveways and sidewalks to current ADA standards.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$7,211	\$10,700	\$17,911
Streets Bond Construction	\$5,179,260	\$71,237,936	\$76,417,196
Water Bond Construction	\$648,460	\$498,986	\$1,147,446
Total	\$5,834,931	\$71,747,622	\$77,582,553

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$416,132	\$280,030	\$275,097	\$105,476	\$196,003	\$820,503	\$2,093,241
Construction	\$7,558,668	\$7,977,293	\$7,756,500	\$3,892,064	\$7,035,771	\$29,841,659	\$64,061,955
Design	\$639,783	\$344,964	\$351,628	\$179,309	\$796,502	\$2,815,252	\$5,127,438
Direct Expenses	\$77,533	\$86,241	\$87,907	\$42,190	\$7,832	\$163,285	\$464,988
Total	\$8,692,116	\$8,688,528	\$8,471,132	\$4,219,039	\$8,036,108	\$33,640,699	\$71,747,622

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

C10559 - Arterial Street Reconstruction Group 3

Project Description

Reconstruct the pavement University Drive, Sossaman Road to 88th Street. Reconstruction activities will include repair and upgrade curb, gutter, and sidewalk as needed.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$925,296	\$925,296
Total	-	\$925,296	\$925,296

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$32,453	-	-	-	-	\$11,609	\$44,062
Construction	\$642,642	-	-	-	-	\$229,867	\$872,509
Direct Expenses	\$6,426	-	-	-	-	\$2,299	\$8,725
Total	\$681,521	-	-	-	-	\$243,775	\$925,296

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

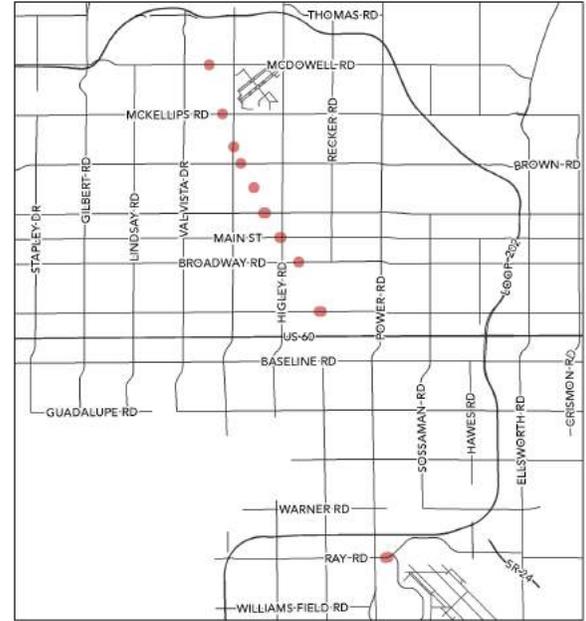
Streets

Project Number and Name

CP0185 - Bridge Sidewalk Ramp Improvements

Project Description

Construct sidewalk ramp improvements at the canal intersections to improve commuter safety.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$6,646	\$429,697	\$436,343
Total	\$6,646	\$429,697	\$436,343

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$15,049	-	-	-	-	-	\$15,049
Construction	\$414,648	-	-	-	-	-	\$414,648
Total	\$429,697	-	-	-	-	-	\$429,697

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

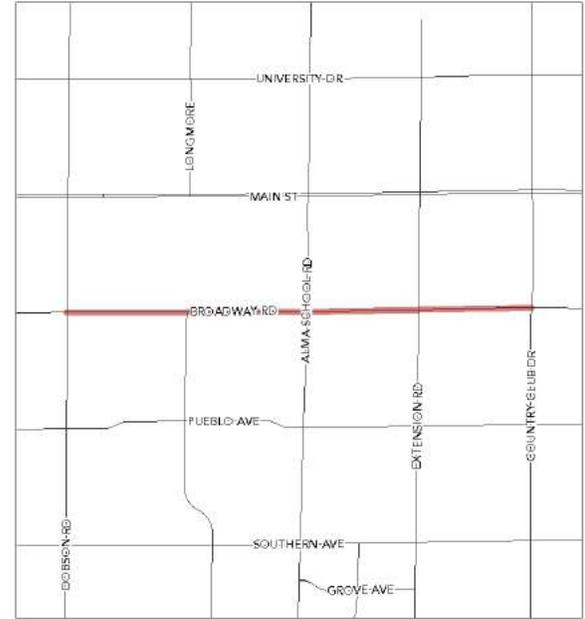
Streets

Project Number and Name

CP0029 - Broadway Road: Dobson Road to Country Club Drive

Project Description

Construct lane extensions around the intersections of Dobson Road, Alma School Road, and Extension Road, and the half-mile segment between Alma School Road and Extension Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$696,610	\$696,610
Gas Bond Construction	-	\$3,582,525	\$3,582,525
Streets Bond Construction	-	\$24,734,281	\$24,734,281
Water Bond Construction	-	\$2,238,009	\$2,238,009
Total	-	\$31,251,425	\$31,251,425

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$3,679	-	-	\$1,010,453	\$1,014,132
Construction	-	-	-	-	-	\$19,958,663	\$19,958,663
Design	-	-	\$61,250	-	-	\$3,995,662	\$4,056,912
Direct Expenses	-	-	\$61	-	-	\$45,527	\$45,588
Land Acquisition	-	-	-	-	-	\$6,176,130	\$6,176,130
Total	-	-	\$64,990	-	-	\$31,186,435	\$31,251,425

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CN0003 - Cityshare Program - Streets

Project Description

Provide funding for the City's participation in the cost share of widening of streets and the installation of new street lights that are built in conjunction with development projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$45,487	\$8,699,149	\$8,744,636
Total	\$45,487	\$8,699,149	\$8,744,636

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,500	\$38,048	\$38,783	\$13,185	\$37,615	\$117,743	\$257,874
Construction	\$482,500	\$1,468,634	\$1,497,005	\$508,922	\$1,074,700	\$3,364,070	\$8,395,831
Direct Expenses	\$5,000	\$15,219	\$15,513	\$5,274	\$1,075	\$3,363	\$45,444
Total	\$500,000	\$1,521,901	\$1,551,301	\$527,381	\$1,113,390	\$3,485,176	\$8,699,149

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

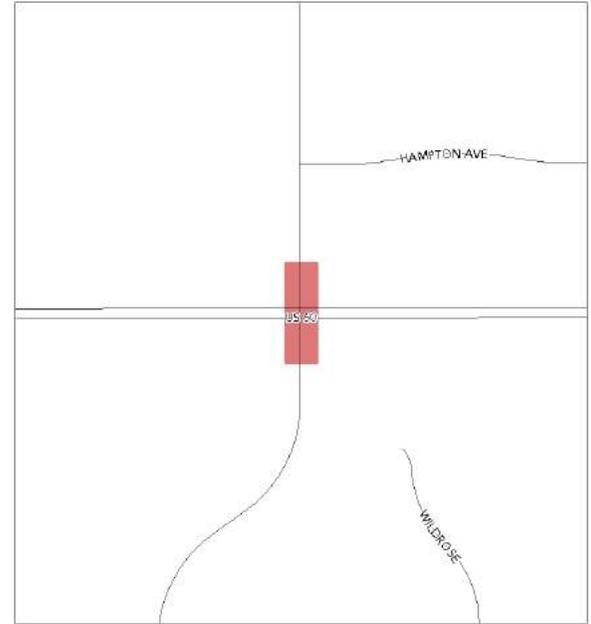
Streets

Project Number and Name

CP0283 - Crismon and US 60 Dual Left Turn Conversion

Project Description

Construct dual left turn lanes at Crismon and US 60 to improve traffic flow.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$85,645	\$113,735	\$199,380
Total	\$85,645	\$113,735	\$199,380

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,846	-	-	-	-	-	\$3,846
Construction	\$109,889	-	-	-	-	-	\$109,889
Total	\$113,735	-	-	-	-	-	\$113,735

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

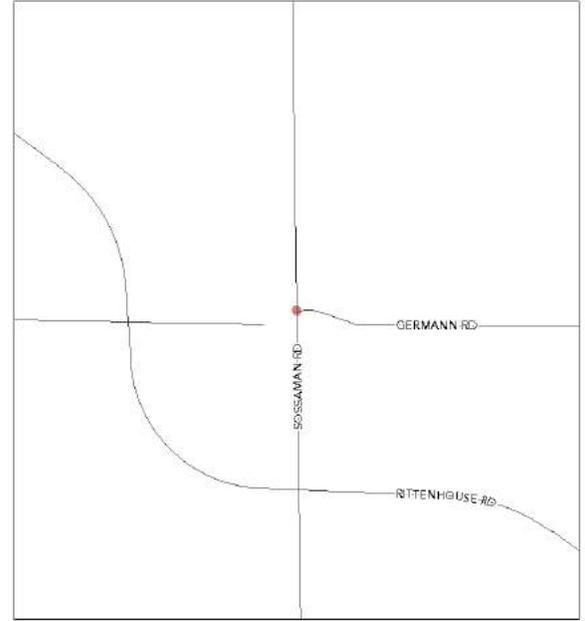
Streets

Project Number and Name

CN0004 - Design Concept Review Germann & Sossaman

Project Description

Evaluate the intersection of Germann Road and Sossaman Road and develop a design concept for the intersection. This will include consideration of an at-grade crossing at the Union Pacific Railroad.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$1,625	\$55,134	\$56,759
Total	\$1,625	\$55,134	\$56,759

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	\$49,891	-	-	-	-	-	\$49,891
Direct Expenses	\$5,243	-	-	-	-	-	\$5,243
Total	\$55,134	-	-	-	-	-	\$55,134

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

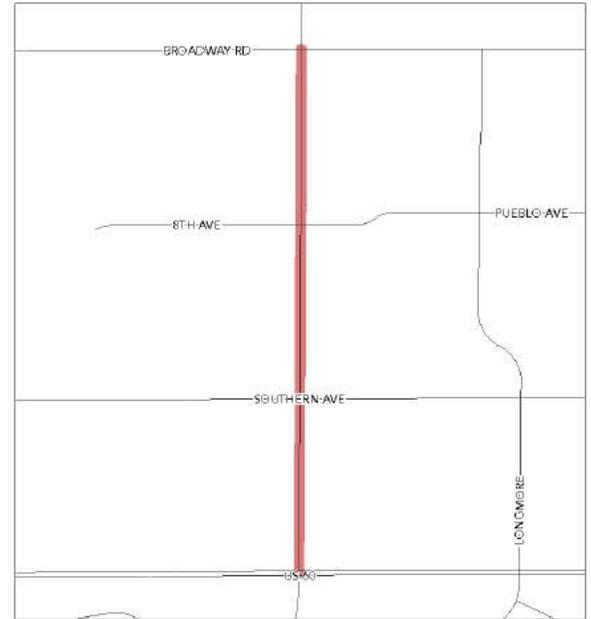
Streets

Project Number and Name

CP0530 - Dobson Road, US 60 to Broadway

Project Description

The first portion of this project is a feasibility study of the path's construction. The second portion will construct, in 3 phases, the agreed path alignment.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$8,623,567	\$8,623,567
Total	-	\$8,623,567	\$8,623,567

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$543	\$15,985	\$95,278	\$179,812	\$291,618
Construction	-	-	-	-	\$2,256,870	\$4,659,207	\$6,916,077
Design	-	-	\$15,513	\$369,166	\$376,146	\$384,080	\$1,144,905
Direct Expenses	-	-	-	\$3,164	\$3,224	\$6,432	\$12,820
Land Acquisition	-	-	-	\$84,381	\$85,976	\$87,790	\$258,147
Total	-	-	\$16,056	\$472,696	\$2,817,494	\$5,317,321	\$8,623,567

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

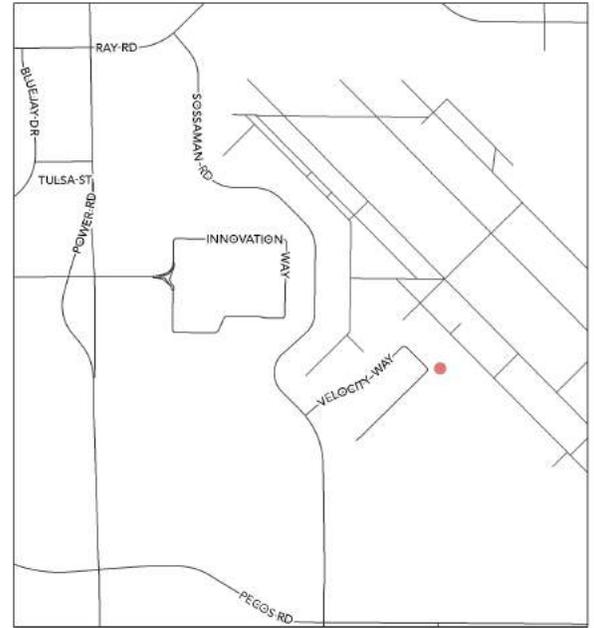
Streets

Project Number and Name

CP0217 - Eastside Improvements at Phx-Mesa Gateway Airport

Project Description

Develop the east side of the airport to increase capacity and economic development opportunities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$5,212,120	\$5,212,120
Total	-	\$5,212,120	\$5,212,120

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Design	-	-	\$3,102,600	\$2,109,520	-	-	\$5,212,120
Total	-	-	\$3,102,600	\$2,109,520	-	-	\$5,212,120

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

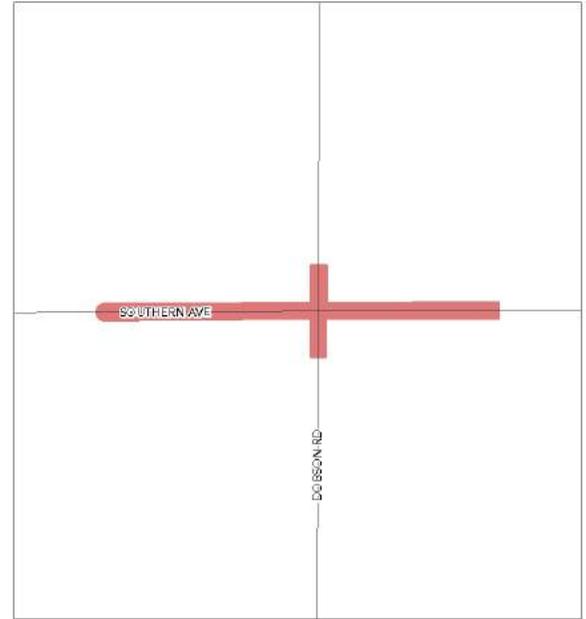
Streets

Project Number and Name

CP0275 - Fiesta District Improvements Phase II

Project Description

Revitalize the area and define the Fiesta Mall. Enhancements include vehicular, pedestrian, and bicyclist traffic changes as well as landscaping, lighting and signage improvements.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$978,180	\$8,758,520	\$9,736,700
Total	\$978,180	\$8,758,520	\$9,736,700

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$348,724	-	-	-	-	-	\$348,724
Construction	\$8,320,000	-	-	-	-	-	\$8,320,000
Design	\$80,000	-	-	-	-	-	\$80,000
Direct Expenses	\$9,796	-	-	-	-	-	\$9,796
Total	\$8,758,520	-	-	-	-	-	\$8,758,520

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0278 - Illuminated Street Name Signs

Project Description

Install illuminated arterial street signs citywide.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$1,712,359	\$1,712,359
Total	-	\$1,712,359	\$1,712,359

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	-	-	-	\$415,380	\$423,233	\$873,746	\$1,712,359
Total	-	-	-	\$415,380	\$423,233	\$873,746	\$1,712,359

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

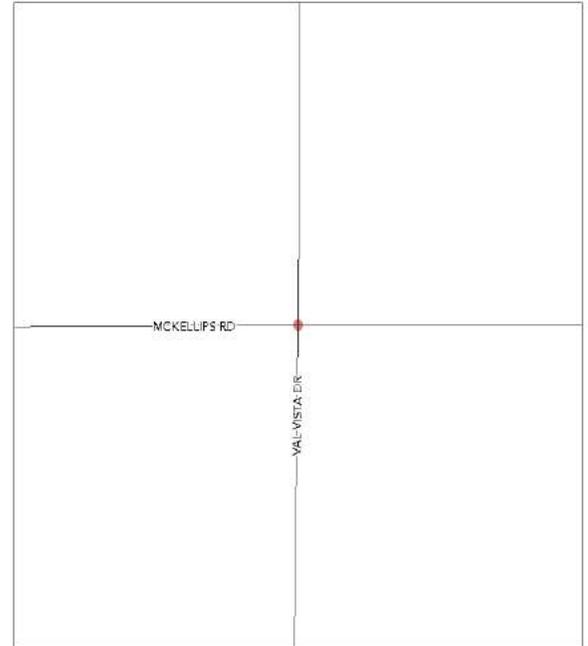
Streets

Project Number and Name

CP0056 - McKellips Road and Val Vista Drive Intersection Improvements

Project Description

Traffic volumes continue to grow on McKellips Road. Improvements are needed to increase traffic flow and capacity at the intersection. There are also portion of the area where curb, gutter, and sidewalk do not exist.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$2,897,060	\$2,897,060
Total	-	\$2,897,060	\$2,897,060

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$17,035	\$197,562	-	-	-	\$214,597
Construction	-	-	\$2,467,054	-	-	-	\$2,467,054
Design	-	\$212,729	-	-	-	-	\$212,729
Direct Expenses	-	\$213	\$2,467	-	-	-	\$2,680
Total	-	\$229,977	\$2,667,083	-	-	-	\$2,897,060

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

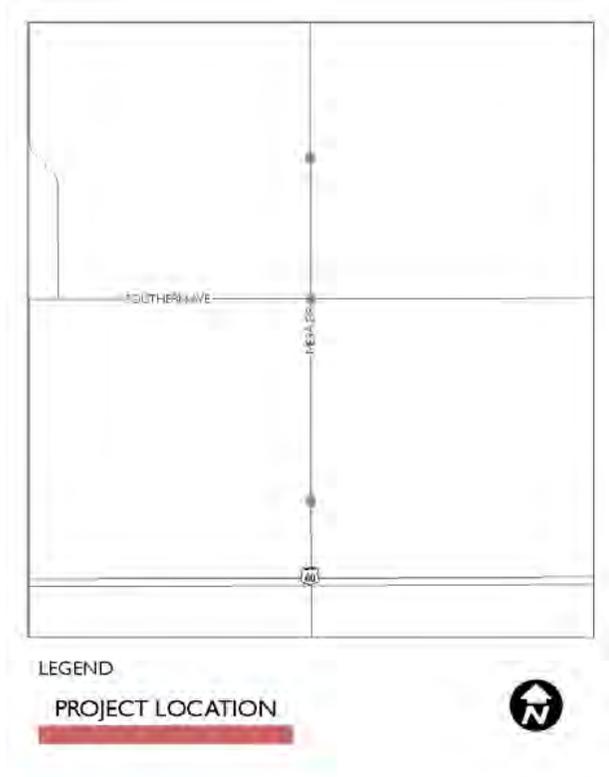
Streets

Project Number and Name

CP0273 - Mesa Drive Pedestrian Plazas

Project Description

Site improvements include, hardscape, landscape, drip irrigation, decorative water fountain, seat walls, area lighting, a small fabric shade structure, and a plaza area that contains skate-able hardscape features.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$788,480	\$321,286	\$1,109,766
Total	\$788,480	\$321,286	\$1,109,766

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,865	-	-	-	-	-	\$10,865
Construction	\$300,159	-	-	-	-	-	\$300,159
Design	\$10,262	-	-	-	-	-	\$10,262
Total	\$321,286	-	-	-	-	-	\$321,286

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Streets

Project Number and Name

C10561 - Mesa Drive: Main to University Drive

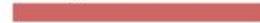
Project Description

Reconstruct Mesa Drive from 10th Avenue to Main Street and overlay Mesa Drive, Main Street to University Drive. Includes curb, gutter, and sidewalk repair and upgrade, pedestrian improvements, streetlight upgrades, and intersection improvements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$402,962	\$402,962
Wastewater Bond Construction	-	\$315,654	\$315,654
Total	-	\$718,616	\$718,616

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$29,849	-	-	-	-	\$20,650	\$50,499
Construction	\$372,740	-	-	-	-	\$250,762	\$623,502
Design	-	-	-	-	-	\$24,181	\$24,181
Direct Expenses	\$373	-	-	-	-	\$20,061	\$20,434
Total	\$402,962	-	-	-	-	\$315,654	\$718,616

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0532 - Neighborhood Transportation Improvement Projects

Project Description

Outreach to neighborhoods to determine transportation needs. Addressing such transportation needs will be determined by construction feasibility studies and cost. It is anticipated that this project will install ADA sidewalks, improve connectivity, etc.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$796,404	\$796,404
Total	-	\$796,404	\$796,404

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$350	\$13,051	\$12,850	-	-	-	\$26,251
Construction	-	\$355,110	\$361,970	-	-	-	\$717,080
Design	\$20,000	\$20,292	-	-	-	-	\$40,292
Land Acquisition	-	\$7,610	\$5,171	-	-	-	\$12,781
Total	\$20,350	\$396,063	\$379,991	-	-	-	\$796,404

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

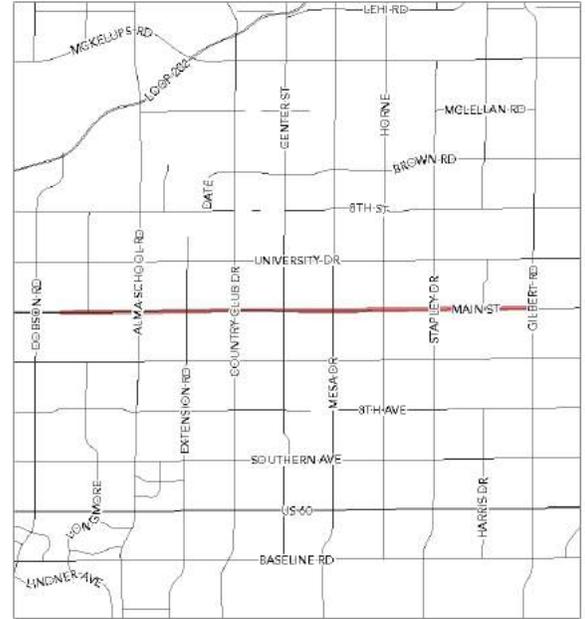
Streets

Project Number and Name

CP0281 - Pedestrian Route, Light Rail West of Dobson Road

Project Description

Construct various improvements on Main St west of Dobson Road to improve the pedestrian experience around the Light Rail.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$236,434	\$236,434
Total	-	\$236,434	\$236,434

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Construction	-	-	-	-	\$236,434	-	\$236,434
Total	-	-	-	-	\$236,434	-	\$236,434

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

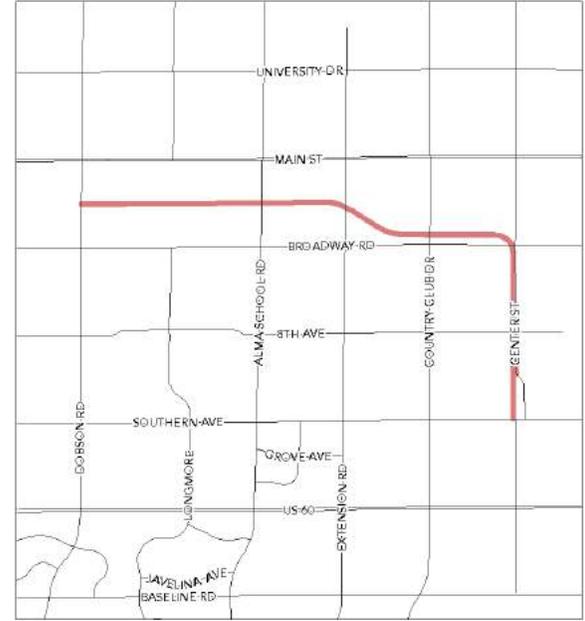
Streets

Project Number and Name

CP0426 - Railroad Quiet Zone

Project Description

Establish a Quiet Zone on the segment of rail road from Southern Avenue to Dobson Road where the train would not sound its horn going through intersections with roadways.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$5,170	\$603,962	\$609,132
Total	\$5,170	\$603,962	\$609,132

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$13,526	\$6,965	-	-	-	-	\$20,491
Construction	\$356,472	\$198,999	-	-	-	-	\$555,471
Design	\$28,000	-	-	-	-	-	\$28,000
Total	\$397,998	\$205,964	-	-	-	-	\$603,962

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0279 - Right-of-way Improvements

Project Description

Install landscaping improvements at various citywide locations.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$2,123,966	\$2,123,966
Streets Bond Construction	\$385,224	\$5,394,654	\$5,779,878
Total	\$385,224	\$7,518,620	\$7,903,844

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,047	\$114,177	-	-	-	-	\$120,224
Construction	\$600,000	\$3,930,257	-	\$632,856	\$322,410	\$1,810,188	\$7,295,711
Design	\$100,683	-	-	-	-	-	\$100,683
Direct Expenses	\$101	\$1,901	-	-	-	-	\$2,002
Total	\$706,831	\$4,046,335	-	\$632,856	\$322,410	\$1,810,188	\$7,518,620

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Streets

Project Number and Name

CP0528 - Roosevelt Road Improvements from Broadway to 8th

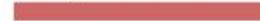
Project Description

Widen Roosevelt Road between Broadway Road and 8th Avenue from the current half street (east side only improved) to a collector street.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$985,546	\$985,546
Total	-	\$985,546	\$985,546

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$4,340	\$28,988	-	-	-	-	\$33,328
Construction	-	\$828,218	-	-	-	-	\$828,218
Design	\$109,000	-	-	-	-	-	\$109,000
Land Acquisition	\$15,000	-	-	-	-	-	\$15,000
Total	\$128,340	\$857,206	-	-	-	-	\$985,546

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0432 - Rusted Streetlight Pole Replacement

Project Description

Existing direct burial and older base mounted streetlight poles have begun to rust and have become safety problems because they are structurally unsound and subject to falling over. Direct burial poles would be replaced with base mounted poles.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$513,429	\$1,707,505	\$2,220,934
Total	\$513,429	\$1,707,505	\$2,220,934

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Purchases	\$864,907	\$710,220	\$132,378	-	-	-	\$1,707,505
Total	\$864,907	\$710,220	\$132,378	-	-	-	\$1,707,505

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0294 - Streetlight Spot Improvement

Project Description

Install streetlights in various locations citywide. To fulfill requests from residents and the Police Department for additional street lights and new street lights in areas where there are no street lights as funds allow.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$4,968	\$1,830,677	\$1,835,645
Total	\$4,968	\$1,830,677	\$1,835,645

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$28,000	\$24,858	\$9,049	-	-	-	\$61,907
Construction	\$800,000	\$710,220	\$258,550	-	-	-	\$1,768,770
Total	\$828,000	\$735,078	\$267,599	-	-	-	\$1,830,677

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0342 - Streets - Economic Development

Project Description

This project provides discretionary funding for required street improvements associated with significant economic development projects. Example projects include: Fiesta District Phase I and Ray Rd Improvements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$21,711,060	\$21,711,060
Wastewater Bond Construction	-	\$776,024	\$776,024
Water Bond Construction	-	\$1,424,323	\$1,424,323
Total	-	\$23,911,407	\$23,911,407

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$58,867	\$59,727	-	-	-	-	\$118,594
Construction	\$3,000,000	\$4,058,399	-	\$2,109,520	\$3,224,100	\$11,333,640	\$23,725,659
Direct Expenses	\$33,334	\$33,820	-	-	-	-	\$67,154
Total	\$3,092,201	\$4,151,946	-	\$2,109,520	\$3,224,100	\$11,333,640	\$23,911,407

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

C01365 - Traffic Signals - New and Upgrades

Project Description

Install new or upgraded traffic signals. Due to increasing traffic conditions at many City street intersections. Transportation generally installs 5 to 6 new or upgraded traffic signals per year based on priority.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$80,541	\$37,327	\$117,868
Total	\$80,541	\$37,327	\$117,868

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,847	-	-	-	-	-	\$1,847
Construction	\$35,480	-	-	-	-	-	\$35,480
Total	\$37,327	-	-	-	-	-	\$37,327

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

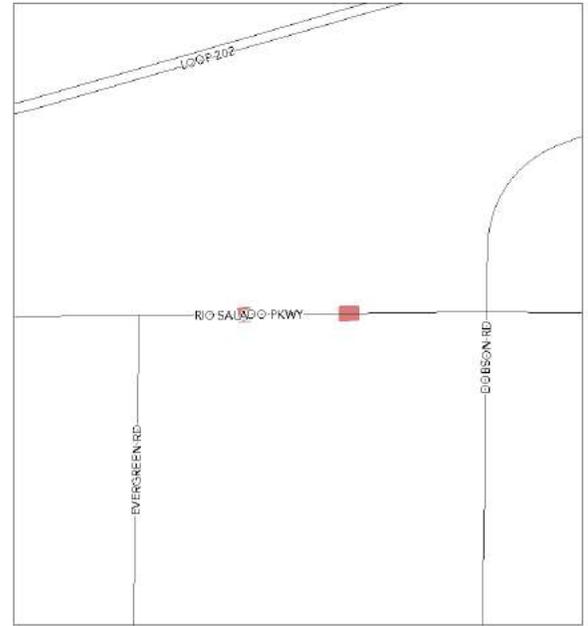
Streets

Project Number and Name

CP0312 - Traffic Signals - New & Upgrades

Project Description

Installation of new traffic signals, or upgrade existing ones. The signals are expected to improve safety, lessen traffic delays, and reduce driver confusion when making turns at the intersection.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$582,491	\$136,030	\$718,521
Total	\$582,491	\$136,030	\$718,521

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$4,600	-	-	-	-	-	\$4,600
Construction	\$131,430	-	-	-	-	-	\$131,430
Total	\$136,030	-	-	-	-	-	\$136,030

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Streets

Project Number and Name

CP0450 - Traffic Signals - New and Upgrade

Project Description

Install new traffic signals, or upgrade existing ones. The signals are expected to improve safety, lessen traffic delays, and reduce driver confusion when making turns at the intersection.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$352,223	\$11,698,116	\$12,050,339
Total	\$352,223	\$11,698,116	\$12,050,339

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$53,883	\$39,222	\$39,980	\$40,775	\$41,546	\$174,945	\$390,351
Construction	\$1,397,520	\$976,573	\$995,439	\$1,015,227	\$1,034,421	\$4,355,855	\$9,775,035
Design	\$154,800	-	-	-	-	-	\$154,800
Direct Expenses	\$142,000	\$144,073	\$146,856	\$149,776	\$152,607	\$642,618	\$1,377,930
Total	\$1,748,203	\$1,159,868	\$1,182,275	\$1,205,778	\$1,228,574	\$5,173,418	\$11,698,116

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Streets

Project Number and Name

CP0184 - UPRR Crossing Improvements, Dobson and Alma School

Project Description

Construct improvements to the Union Pacific Railroad crossings at Dobson and Alma School Roads. There will be improvements to both the railroad segments and surrounding median and sidewalks.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$81,856	\$30,726	\$112,582
Local Streets Sales Tax	\$13,929	\$305,385	\$319,314
Total	\$95,785	\$336,111	\$431,896

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$13,618	-	-	-	-	-	\$13,618
Construction	\$242,500	-	-	-	-	-	\$242,500
Construction-Grant	\$26,784	-	-	-	-	-	\$26,784
Design	\$21,767	-	-	-	-	-	\$21,767
Land Acquisition	\$31,442	-	-	-	-	-	\$31,442
Total	\$336,111	-	-	-	-	-	\$336,111

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Streets

Project Number and Name

CP0527 - Water Ponding 10th Avenue & Serrine (Lincoln Elem)

Project Description

Correct water ponding at the intersection of 10th Avenue & Serrine. Update existing storm drain and add a couple of catch basins.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$206,000	\$206,000
Total	-	\$206,000	\$206,000

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,000	-	-	-	-	-	\$1,000
Construction	\$200,000	-	-	-	-	-	\$200,000
Direct Expenses	\$5,000	-	-	-	-	-	\$5,000
Total	\$206,000	-	-	-	-	-	\$206,000

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

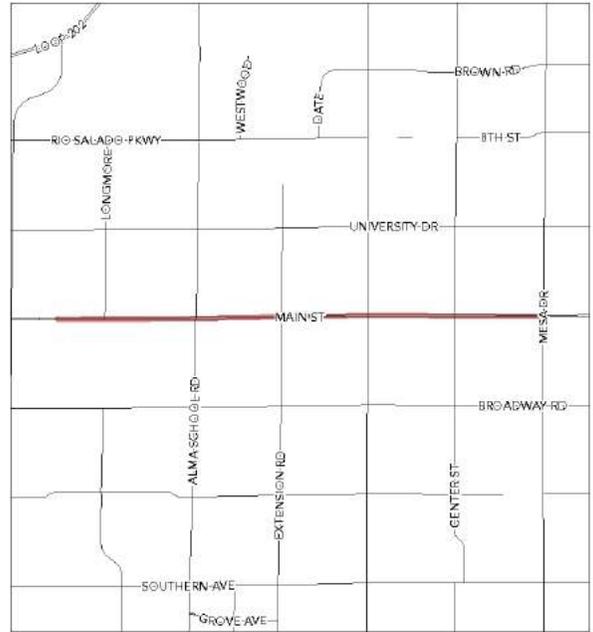
Transit

Project Number and Name

C09046 - Central Mesa Light Rail Extension

Project Description

Construction of appmx 3.1 miles of double track alignment extending from the existing light rail system end of line to a new end of line station between Mesa Drive and Lesueur.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Transit Fund	\$974,167	\$4,010,064	\$4,984,231
Total	\$974,167	\$4,010,064	\$4,984,231

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$510,064	-	-	-	-	-	\$510,064
Direct Expenses	\$2,000,000	-	-	-	-	-	\$2,000,000
Land Acquisition	\$1,500,000	-	-	-	-	-	\$1,500,000
Total	\$4,010,064	-	-	-	-	-	\$4,010,064

Transportation Major Program Detail Fiscal Years FY 15/16 - FY 19/20

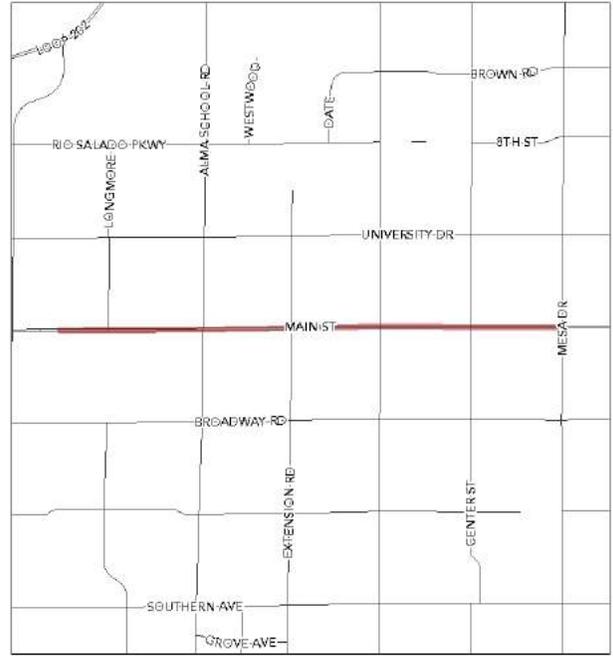
Transit

Project Number and Name

CP0069 - Central Mesa Light Rail Extension Concurrent Non-Project Activities

Project Description

Replace existing utility infrastructure to accommodate the installation of the central Mesa Light Rail system extension.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$46,454	\$9,498	\$55,952
Streets Bond Construction	\$334,312	\$265,585	\$599,897
Total	\$380,766	\$275,083	\$655,849

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,841	-	-	-	-	-	\$12,841
Construction	\$260,889	-	-	-	-	-	\$260,889
Direct Expenses	\$1,353	-	-	-	-	-	\$1,353
Total	\$275,083	-	-	-	-	-	\$275,083

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

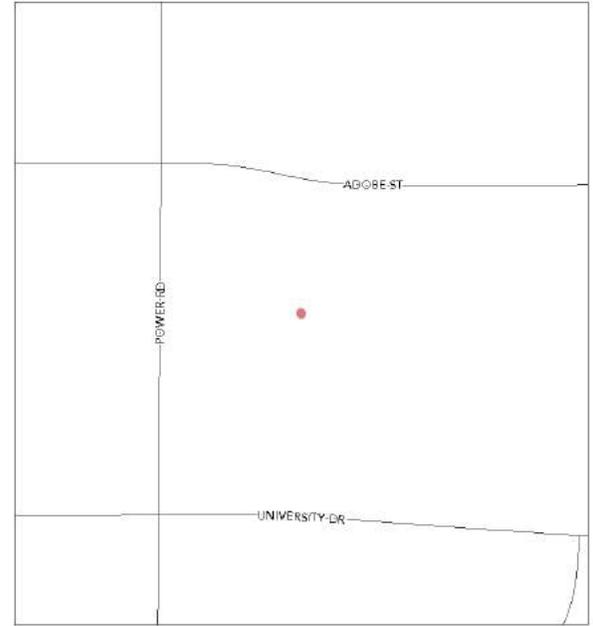
Transit

Project Number and Name

CP0348 - East Mesa Service Center Wash Rack

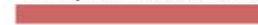
Project Description

Addition of four additional wash bays for sweepers and vector trucks. In addition, the existing pre-treatment equipment will be removed and not replaced as it is no longer needed



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Environmental Compliance Fee	-	\$298,988	\$298,988
Total	-	\$298,988	\$298,988

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,435	-	-	-	-	-	\$10,435
Construction	\$260,550	-	-	-	-	-	\$260,550
Design	\$28,003	-	-	-	-	-	\$28,003
Total	\$298,988	-	-	-	-	-	\$298,988

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

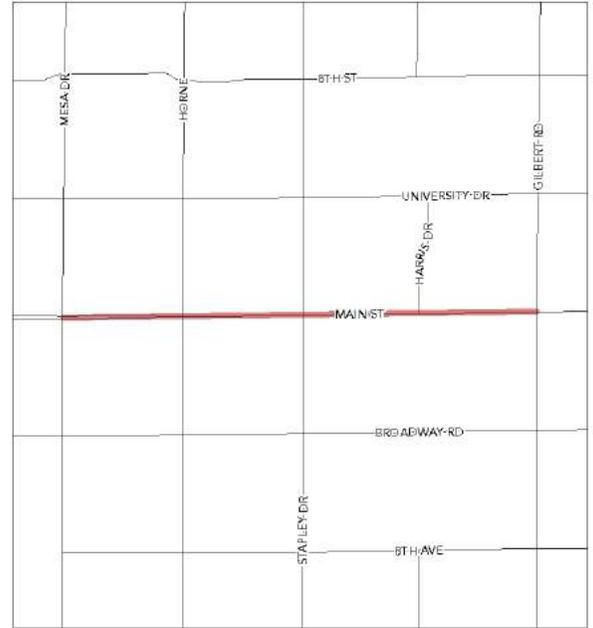
Transit

Project Number and Name

CP0296 - Gilbert Road Light Rail Extension

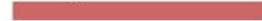
Project Description

Construct approximately 2 miles of double track alignment extending along Main Street from Edgemont to a new end of line station at Gilbert Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Transit Fund	\$259,273	\$9,511,490	\$9,770,763
Total	\$259,273	\$9,511,490	\$9,770,763

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
Design	\$1,044,017	\$1,021,524	\$1,403,850	\$1,716,361	\$1,253,675	\$3,072,063	\$9,511,490
Total	\$1,044,017	\$1,021,524	\$1,403,850	\$1,716,361	\$1,253,675	\$3,072,063	\$9,511,490

**Transportation Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

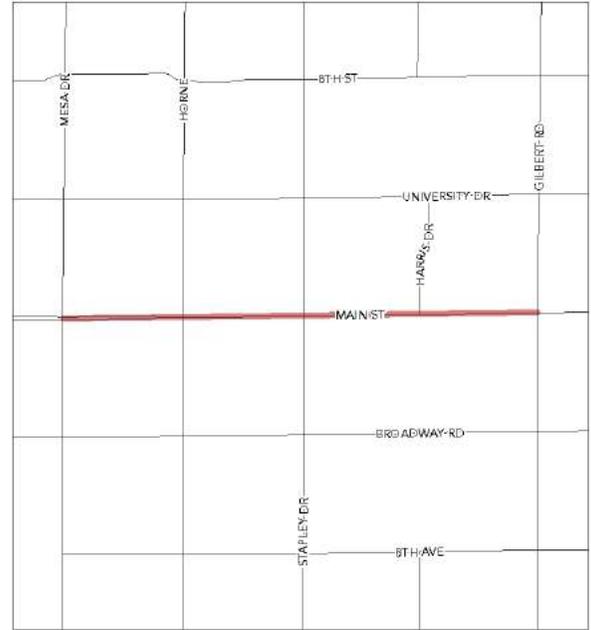
Transit

Project Number and Name

CP0562 - Gilbert Road Light Rail Extension CNPA's

Project Description

Replace existing utility infrastructure to accommodate the installation of the central Mea Light Rail system extension for Gilbert Rd.



LEGEND

PROJECT LOCATION



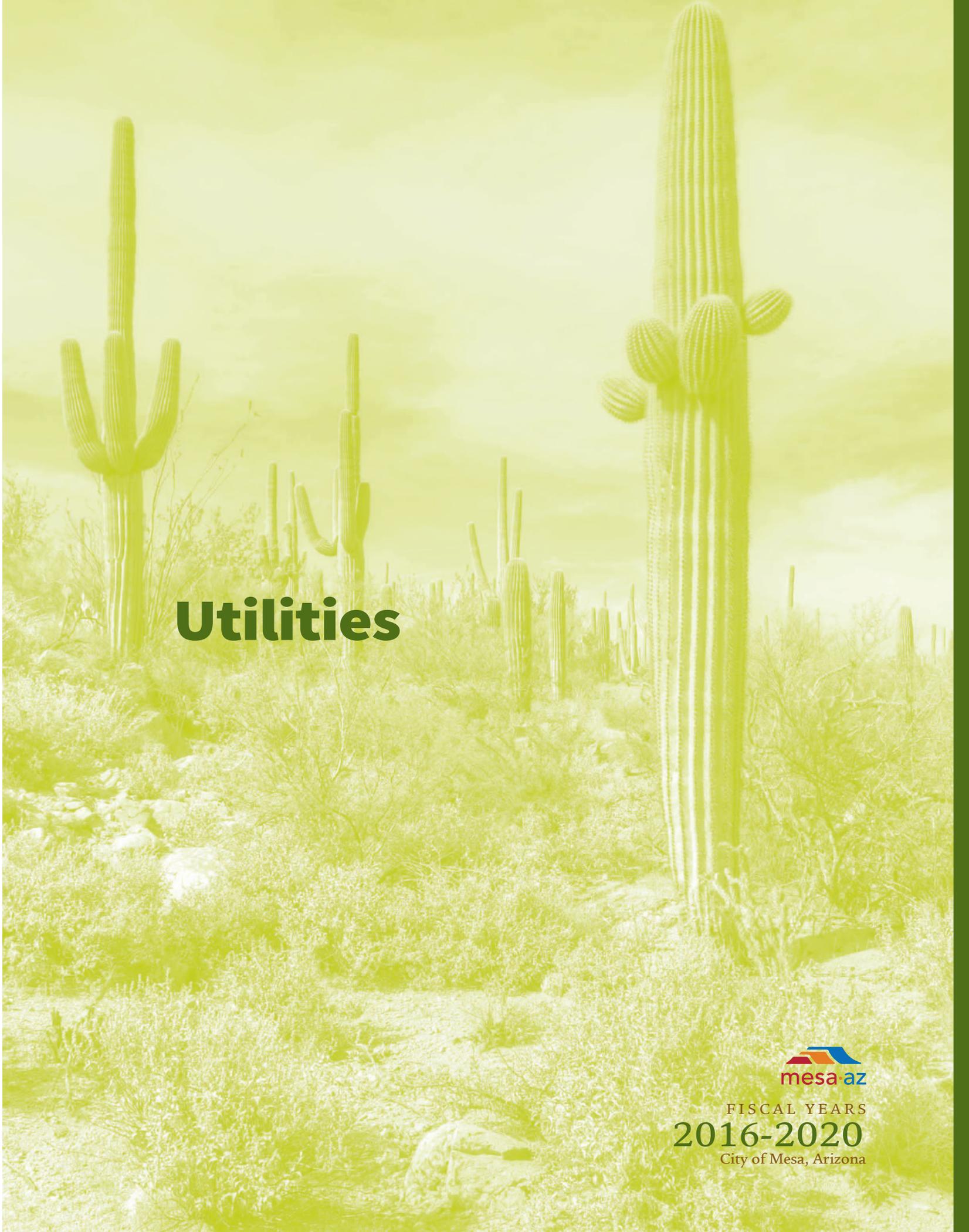
Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$1,180,061	\$1,180,061
Total	-	\$1,180,061	\$1,180,061

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,292	\$64,503	-	-	-	-	\$66,795
Construction	-	\$1,073,983	-	-	-	-	\$1,073,983
Design	\$38,168	-	-	-	-	-	\$38,168
Direct Expenses	\$40	\$1,075	-	-	-	-	\$1,115
Total	\$40,500	\$1,139,561	-	-	-	-	\$1,180,061



Utilities



FISCAL YEARS
2016-2020
City of Mesa, Arizona

Five Year Capital Improvement Program

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Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

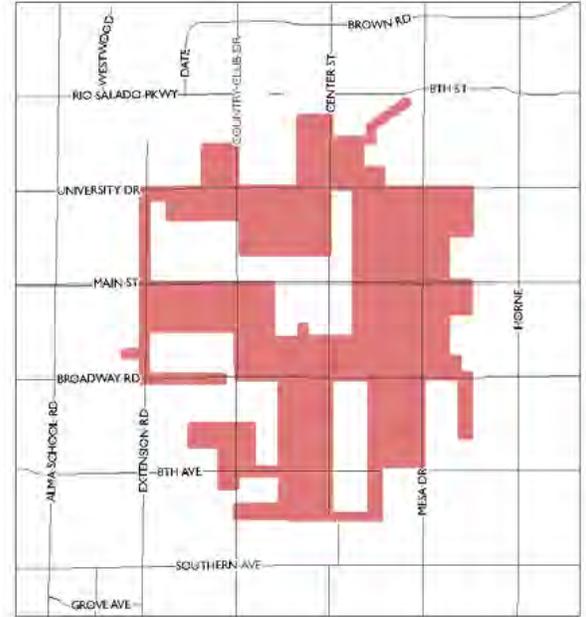
Electric

Project Number and Name

C09019 - Electric Distribution - Overhead

Project Description

The project is the 4kV to 12kV conversion. The scope of the project includes replacement of electrical overhead conductors, transformers, distribution poles and devices to increase reliability and reduce operating costs.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$1,080,670	\$5,659,326	\$6,739,996
Total	\$1,080,670	\$5,659,326	\$6,739,996

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$216,211	\$44,880	\$41,088	-	-	\$148,908	\$451,087
Construction	\$1,240,722	\$747,253	\$684,123	-	-	\$2,479,384	\$5,151,482
Design	\$52,106	-	-	-	-	-	\$52,106
Direct Expenses	\$737	\$748	\$685	-	-	\$2,481	\$4,651
Total	\$1,509,776	\$792,881	\$725,896	-	-	\$2,630,773	\$5,659,326

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

C09020 - Electric Distribution Underground

Project Description

Provide various system improvements to include underground conductor installation, cable replacement, vault lid replacement and replacement of miscellaneous devices. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$93,846	\$16,894,979	\$16,988,825
Total	\$93,846	\$16,894,979	\$16,988,825

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$129,349	\$126,871	\$129,322	-	-	\$572,685	\$958,227
Construction	\$2,120,078	\$2,112,397	\$2,153,204	-	-	\$9,535,166	\$15,920,845
Direct Expenses	\$2,107	\$2,112	\$2,153	-	-	\$9,535	\$15,907
Total	\$2,251,534	\$2,241,380	\$2,284,679	-	-	\$10,117,386	\$16,894,979

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Electric

Project Number and Name

CP0329 - Electric Distribution Underground

Project Description

Provide various system improvements to include underground conductor installation, cable replacement, vault lid replacement and replacement of miscellaneous devices.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$87,199	\$437,010	\$524,209
Total	\$87,199	\$437,010	\$524,209

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$48,499	-	-	-	-	-	\$48,499
Construction	\$303,410	-	-	-	-	-	\$303,410
Design	\$85,101	-	-	-	-	-	\$85,101
Total	\$437,010	-	-	-	-	-	\$437,010

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

CP0082 - Electric Generation

Project Description

Identify power supply resources, including solar power, that can be owned in whole or in part by the City of Mesa. Alternatives are being explored to improve the reliability and/or efficiency of the electric utility service.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$2,009,188	\$2,009,188
Total	-	\$2,009,188	\$2,009,188

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$15,015	\$15,234	\$15,529	-	-	\$67,949	\$113,727
Construction	\$250,000	\$253,650	\$258,550	-	-	\$1,131,368	\$1,893,568
Direct Expenses	\$250	\$254	\$259	-	-	\$1,130	\$1,893
Total	\$265,265	\$269,138	\$274,338	-	-	\$1,200,447	\$2,009,188

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

CP0080 - Electric Master Plan

Project Description

Perform an assessment on the condition of the underground conduit system. Maintaining a master plan is important to meet the short- and long-range planning needs of the utility.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$9,919	\$645,688	\$655,607
Total	\$9,919	\$645,688	\$655,607

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$20,374	\$9,141	\$9,317	-	-	\$3,295	\$42,127
Construction	\$50,000	\$50,730	\$51,710	-	-	\$54,869	\$207,309
Design	\$190,860	\$101,460	\$103,420	-	-	-	\$395,740
Direct Expenses	\$150	\$152	\$155	-	-	\$55	\$512
Total	\$261,384	\$161,483	\$164,602	-	-	\$58,219	\$645,688

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

C09024 - Electric Metering

Project Description

Replace electric service meters based on 20-year lifecycle criteria. In addition, replace meters based on known issues, such as potential coils that improperly register energy consumption.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$68,375	\$1,232,303	\$1,300,678
Utility Replacement Extension and Renewal	-	\$7,046,656	\$7,046,656
Total	\$68,375	\$8,278,959	\$8,347,334

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$79,962	\$46,870	\$47,640	\$49,368	\$50,197	\$219,896	\$493,933
Construction	\$884,776	\$780,376	\$793,194	\$821,986	\$835,786	\$3,661,263	\$7,777,381
Direct Expenses	\$750	\$782	\$794	\$822	\$836	\$3,661	\$7,645
Total	\$965,488	\$828,028	\$841,628	\$872,176	\$886,819	\$3,884,820	\$8,278,959

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

C09023 - Electric New Services

Project Description

Install new electrical service wires for new customers and provide for system expansion. It will also replace existing electrical service wires to increase reliability. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$23,745	\$8,045,304	\$8,069,049
Total	\$23,745	\$8,045,304	\$8,069,049

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$66,018	\$60,937	\$62,114	-	-	\$271,800	\$460,869
Construction	\$1,002,592	\$1,014,600	\$1,034,200	-	-	\$4,525,470	\$7,576,862
Direct Expenses	\$1,000	\$1,015	\$1,034	-	-	\$4,524	\$7,573
Total	\$1,069,610	\$1,076,552	\$1,097,348	-	-	\$4,801,794	\$8,045,304

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Electric

Project Number and Name

CP0313 - Electric New Services

Project Description

Install new electrical service wires for new customers and provide for system expansion. It will also replace existing electrical service wires to increase reliability.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$357,877	\$677,277	\$1,035,154
Total	\$357,877	\$677,277	\$1,035,154

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$121,473	-	-	-	-	-	\$121,473
Construction	\$555,804	-	-	-	-	-	\$555,804
Total	\$677,277	-	-	-	-	-	\$677,277

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

CP0534 - Electric New Services

Project Description

Install new electrical service wires for new customers and provide for system expansion. It will also replace existing electrical service wires to increase reliability. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$35,046	\$25,848	\$60,894
Total	\$35,046	\$25,848	\$60,894

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$848	-	-	-	-	-	\$848
Construction	\$25,000	-	-	-	-	-	\$25,000
Total	\$25,848	-	-	-	-	-	\$25,848

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

CP0081 - Electric Smart Grid

Project Description

Replace obsolete technology to improve system reliability and improve the ability to identify problems quickly and respond efficiently.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$703,895	\$703,895
Total	-	\$703,895	\$703,895

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$9,610	\$9,750	\$9,939	-	-	\$10,546	\$39,845
Construction	\$160,000	\$162,336	\$165,472	-	-	\$175,579	\$663,387
Direct Expenses	\$160	\$162	\$165	-	-	\$176	\$663
Total	\$169,770	\$172,248	\$175,576	-	-	\$186,301	\$703,895

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

C09022 - Electric Substation Improvements

Project Description

Construct improvements at electric substations to ensure long-term system reliability. These improvements will meet safety standards and improve security at the facilities.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$355,438	\$3,853,589	\$4,209,027
Total	\$355,438	\$3,853,589	\$4,209,027

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$82,144	\$71,296	\$63,667	-	-	\$1,648	\$218,755
Construction	\$1,224,942	\$1,085,613	\$1,060,055	-	-	\$27,434	\$3,398,044
Design	\$131,708	\$101,460	-	-	-	-	\$233,168
Direct Expenses	\$1,348	\$1,187	\$1,060	-	-	\$27	\$3,622
Total	\$1,440,142	\$1,259,556	\$1,124,782	-	-	\$29,109	\$3,853,589

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

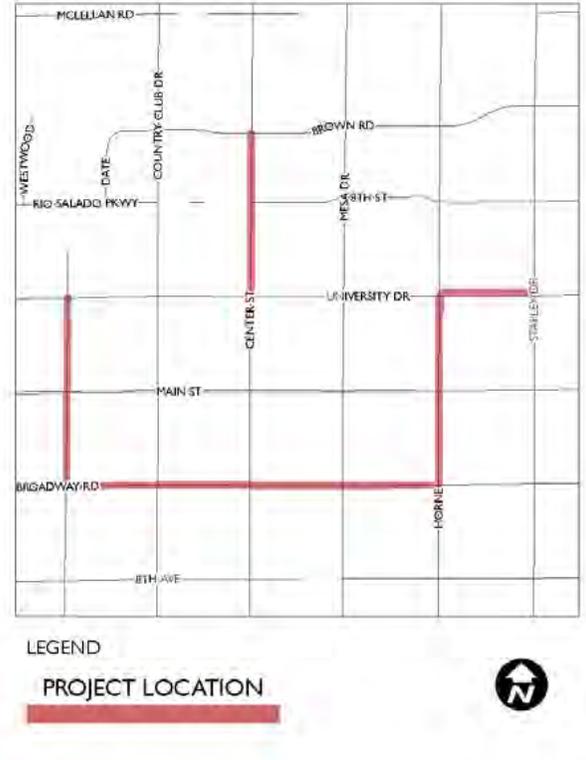
Electric

Project Number and Name

C09021 - Electric Transmission

Project Description

Rebuild the 69kv transmission system. Install new conductors and poles throughout the system over a three-year period. This project will also install fiber optics that will allow for monitoring, control and site security for substation locations.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$0	\$424,065	\$424,065
Total	\$0	\$424,065	\$424,065

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$11,699	\$6,094	\$6,211	-	-	-	\$24,004
Construction	\$161,092	\$101,460	\$103,420	-	-	-	\$365,972
Design	\$33,690	-	-	-	-	-	\$33,690
Direct Expenses	\$195	\$101	\$103	-	-	-	\$399
Total	\$206,676	\$107,655	\$109,734	-	-	-	\$424,065

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

CP0437 - Pocket Parks 4kV Electric Substation Conversions

Project Description

Preparation and development of Engineering and Design Plans to construct pocket park and solar generation at the former Extension Substation Site.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$79,274	\$100,000	\$179,274
Total	\$79,274	\$100,000	\$179,274

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$5,661	-	-	-	-	-	\$5,661
Construction	\$94,339	-	-	-	-	-	\$94,339
Total	\$100,000	-	-	-	-	-	\$100,000

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Electric

Project Number and Name

CP0522 - Substation to Park Conversion

Project Description

Preparation and development of Engineering and Design Plans to construct pocket park and solar generation at the former Extension Substation Site.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$116,717	\$116,717
Total	-	\$116,717	\$116,717

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,607	-	-	-	-	-	\$6,607
Construction	\$100,000	-	-	-	-	-	\$100,000
Design	\$10,000	-	-	-	-	-	\$10,000
Direct Expenses	\$110	-	-	-	-	-	\$110
Total	\$116,717	-	-	-	-	-	\$116,717

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

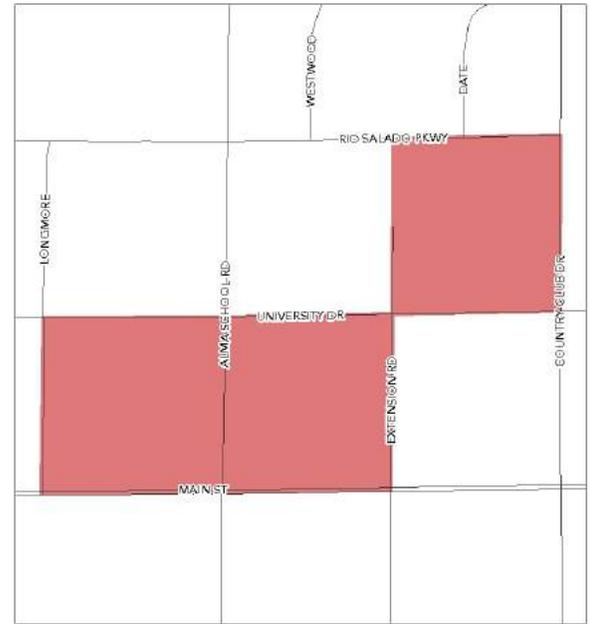
Natural Gas - Aging Infrastructure

Project Number and Name

C10380 - Aging Line Replacement QS13C, QS21A, & QS20D

Project Description

Replace aging main and service lines in plat quarter section 13C, 21A and 20D. This project includes both a gas and water component.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$2,725,046	\$2,725,046
Water Bond Construction	-	\$3,976,329	\$3,976,329
Total	-	\$6,701,375	\$6,701,375

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$21,689	\$369,515	-	-	-	-	\$391,204
Construction	-	\$5,876,174	-	-	-	-	\$5,876,174
Design	\$397,314	-	-	-	-	-	\$397,314
Direct Expenses	\$61	\$36,622	-	-	-	-	\$36,683
Total	\$419,064	\$6,282,311	-	-	-	-	\$6,701,375

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

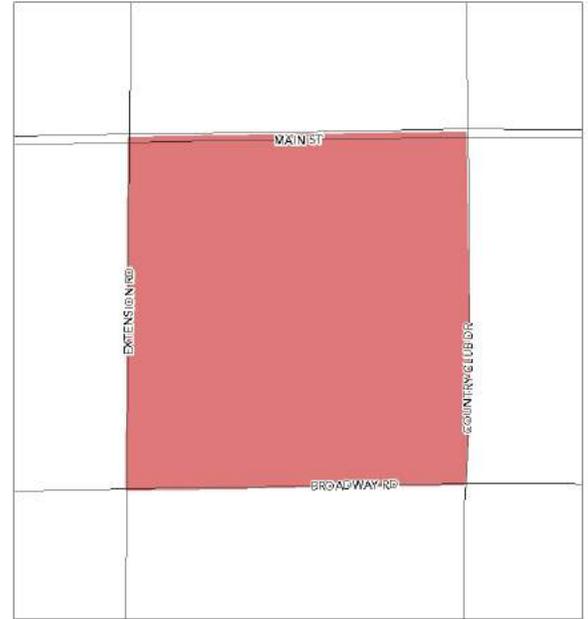
Natural Gas - Aging Infrastructure

Project Number and Name

C10382 - Aging Line Replacement QS21D, Clark, and Pepper

Project Description

Replace aging main and service lines in plat quarter section 21D. This project includes both a gas and water component.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$811,219	\$811,219
Water Bond Construction	-	\$1,989,964	\$1,989,964
Total	-	\$2,801,183	\$2,801,183

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$154,850	-	-	-	-	-	\$154,850
Construction	\$2,626,819	-	-	-	-	-	\$2,626,819
Direct Expenses	\$19,514	-	-	-	-	-	\$19,514
Total	\$2,801,183	-	-	-	-	-	\$2,801,183

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Natural Gas - Aging Infrastructure

Project Number and Name

C10383 - Aging Line Replacement QS28B & QS28D

Project Description

Replace aging main and service lines in plat quarter section 28B and 28D. This project includes both a gas and water component.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$1,721,217	\$1,721,217
Water Bond Construction	-	\$2,350,823	\$2,350,823
Total	-	\$4,072,040	\$4,072,040

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$127,498	\$111,944	-	-	-	-	\$239,442
Construction	\$1,592,127	\$2,216,712	-	-	-	-	\$3,808,839
Direct Expenses	\$1,592	\$22,167	-	-	-	-	\$23,759
Total	\$1,721,217	\$2,350,823	-	-	-	-	\$4,072,040

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

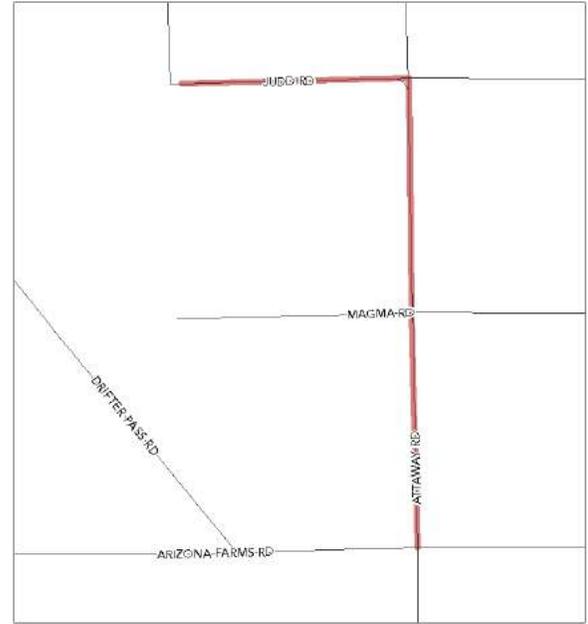
Natural Gas - Aging Infrastructure

Project Number and Name

C04037 - Attaway and Judd Road High Pressure Gas Main

Project Description

The current 5-inch steel pipe gas line location and depth in the Magma system is experiencing operational problems and is in need of replacement. Replacing the current 5-inch steel pipe with an 8-inch steel pipe will minimize operational failures.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$1,066,815	\$169,960	\$1,236,775
Total	\$1,066,815	\$169,960	\$1,236,775

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$11,119	-	-	-	-	-	\$11,119
Construction	\$158,841	-	-	-	-	-	\$158,841
Total	\$169,960	-	-	-	-	-	\$169,960

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

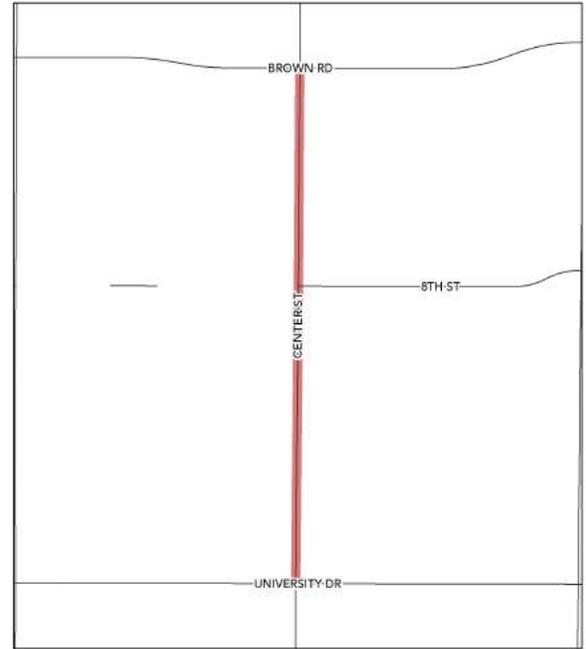
Natural Gas - Aging Infrastructure

Project Number and Name

C10387 - Center Street Gas Line Replacement from University to Brown

Project Description

Construction of an intermediate pressure gas main replacement to ensure operational integrity of the natural gas system in Mesa. Funding of this project is within the current utility revenue bond authorization.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$575,606	\$575,606
Total	-	\$575,606	\$575,606

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,595	\$41,043	-	-	-	-	\$42,638
Construction	-	\$512,520	-	-	-	-	\$512,520
Design	\$19,916	-	-	-	-	-	\$19,916
Direct Expenses	\$20	\$512	-	-	-	-	\$532
Total	\$21,531	\$554,075	-	-	-	-	\$575,606

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

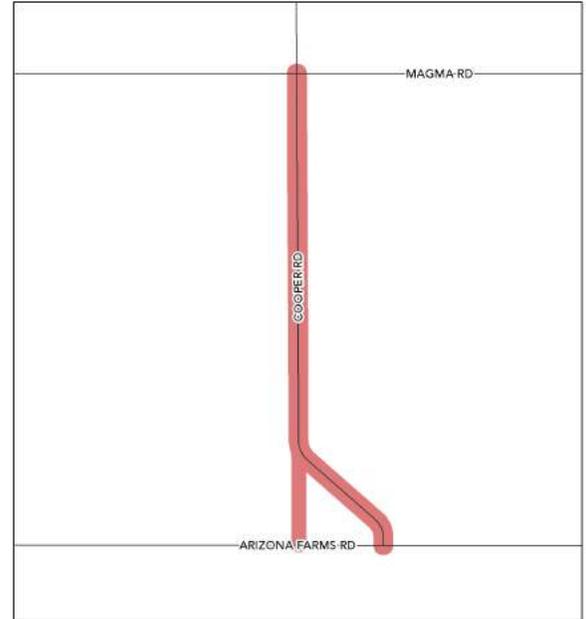
Natural Gas - Aging Infrastructure

Project Number and Name

CP0224 - Cooper Rd Gas Line Replacement

Project Description

Replace the high pressure gain main to ensure operational reliability and expansion of the natural gas pipeline to customers.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$6,687	\$804,949	\$811,636
Total	\$6,687 Project	\$804,949	\$811,636

LEGEND

PROJECT LOCATION



Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$102,395	-	-	-	-	-	\$102,395
Construction	\$651,695	-	-	-	-	-	\$651,695
Design	\$49,555	-	-	-	-	-	\$49,555
Direct Expenses	\$1,304	-	-	-	-	-	\$1,304
Total	\$804,949	-	-	-	-	-	\$804,949

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

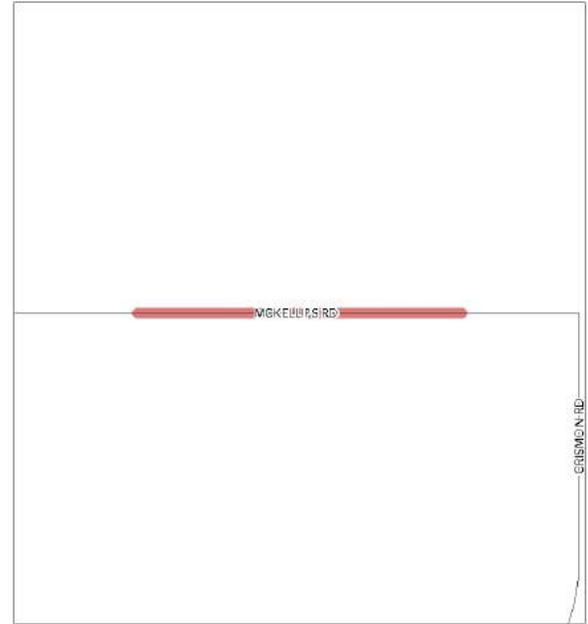
Natural Gas - Aging Infrastructure

Project Number and Name

CP0074 - Crimson Road Cross-tie Grandview to Inglewood

Project Description

Construct a tie between two existing intermediate gas mains together with a new intermediate gas main. This project will ensure adequate supply of natural gas to meet customer needs in the area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$2,863	\$528,369	\$531,232
Total	\$2,863 Project	\$528,369	\$531,232

LEGEND

PROJECT LOCATION



Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$38,653	-	-	-	-	-	\$38,653
Construction	\$436,890	-	-	-	-	-	\$436,890
Design	\$51,900	-	-	-	-	-	\$51,900
Direct Expenses	\$926	-	-	-	-	-	\$926
Total	\$528,369	-	-	-	-	-	\$528,369

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

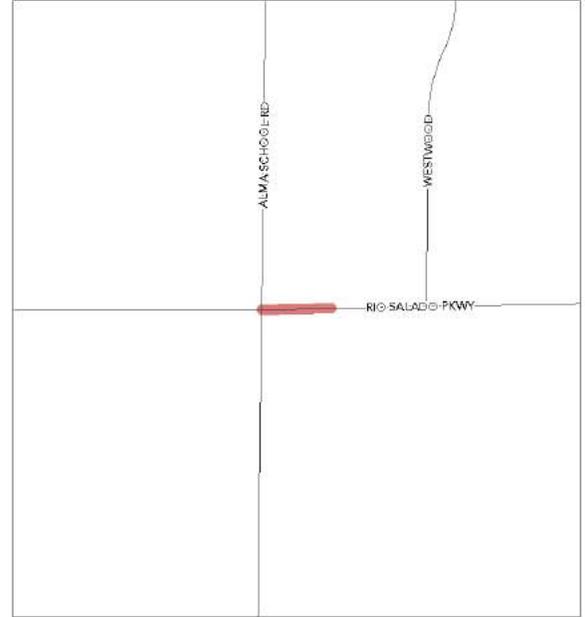
Natural Gas - Aging Infrastructure *Project*

Number and Name

C10385 - Eighth Street Gas Line Replacement

Project Description

Replace intermediate pressure gas main to ensure operational integrity of the natural gas system in Mesa. This project includes both a gas and water component.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$76,866	\$76,866
Water Bond Construction	-	\$961,477	\$961,477
Total	-	\$1,038,343	\$1,038,343

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$23,807	\$21,978	\$387	-	-	\$5,307	\$51,479
Construction	\$428,947	\$435,210	-	-	-	\$66,266	\$930,423
Design	\$42,894	-	\$4,835	-	-	-	\$47,729
Direct Expenses	\$4,289	\$4,352	\$5	-	-	\$66	\$8,712
Total	\$499,937	\$461,540	\$5,227	-	-	\$71,639	\$1,038,343

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Natural Gas - Aging Infrastructure

Project Number and Name

CP0447 - Gas Regulator Station 56 Relocation

Project Description

Relocate existing above ground gas regulator station below ground. This will increase the capacity to serve new customers in the Riverview area, be located in a safer location away from vehicle traffic as well as facilitate a gas usage pilot program.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$12,155	\$265,195	\$277,350
Total	\$12,155	\$265,195	\$277,350

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$14,970	-	-	-	-	-	\$14,970
Construction	\$238,236	-	-	-	-	-	\$238,236
Design	\$11,989	-	-	-	-	-	\$11,989
Total	\$265,195	-	-	-	-	-	\$265,195

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas - Aging Infrastructure

Project Number and Name

CP0155 - Gas System: Aging Infrastructure Replacement

Project Description

Replace necessary gas system infrastructure identified during the annual leak survey and corrosion control program to ensure operational integrity of the natural gas pipeline system. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$279,750	\$21,836,743	\$22,116,493
Total	\$279,750	\$21,836,743	\$22,116,493

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$177,328	\$192,143	\$209,186	-	-	\$1,038,880	\$1,617,537
Construction	\$2,050,359	\$2,221,660	\$2,418,705	-	-	\$12,012,444	\$18,703,168
Design	\$164,028	\$177,733	\$193,496	-	-	\$960,583	\$1,495,840
Direct Expenses	\$2,214	\$2,400	\$2,612	-	-	\$12,972	\$20,198
Total	\$2,393,929	\$2,593,936	\$2,823,999	-	-	\$14,024,879	\$21,836,743

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

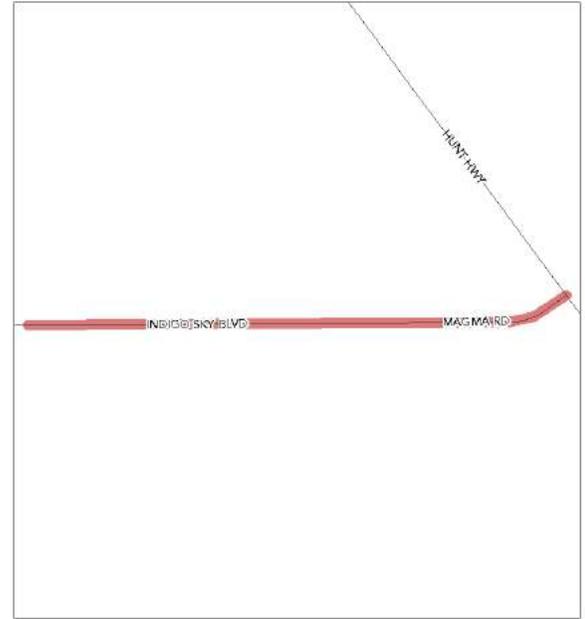
Natural Gas - Aging Infrastructure

Project Number and Name

C10377 - Magma Road; Hunt Hwy to Johnson Ranch

Project Description

Install an intermediate pressure gas main to ensure operational integrity of the natural gas system in the Magma service area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$42,874	\$50,673	\$93,547
Total	\$42,874	\$50,673	\$93,547

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$5,141	-	-	-	-	-	\$5,141
Land Acquisition	\$45,532	-	-	-	-	-	\$45,532
Total	\$50,673	-	-	-	-	-	\$50,673

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Natural Gas - Aging Infrastructure

Project Number and Name

CP0153 - Magma Service Area Gas Line Replacements

Project Description

Upgrade the existing Magma system to reduce maintenance problems and ensure operational integrity of the natural gas pipeline system. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$19,361	\$4,101,656	\$4,121,017
Total	\$19,361	\$4,101,656	\$4,121,017

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$32,510	\$35,226	\$38,350	-	-	\$197,740	\$303,826
Construction	\$405,963	\$439,881	\$478,895	-	-	\$2,469,295	\$3,794,034
Direct Expenses	\$406	\$440	\$479	-	-	\$2,471	\$3,796
Total	\$438,879	\$475,547	\$517,724	-	-	\$2,669,506	\$4,101,656

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

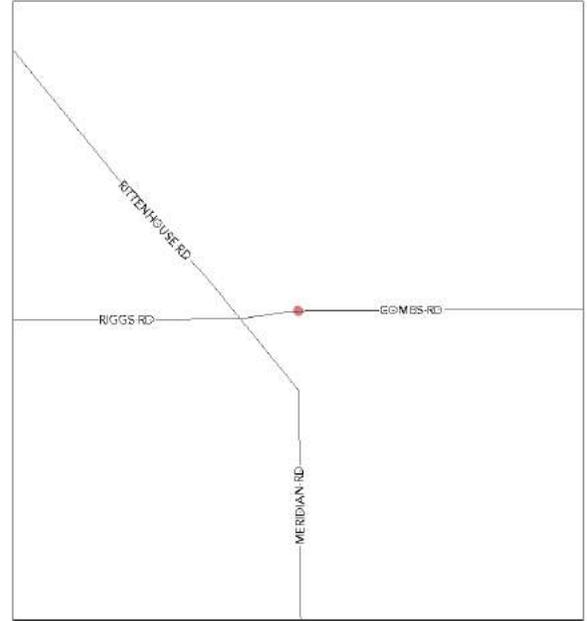
Natural Gas - Aging Infrastructure

Project Number and Name

CP0223 - Meridian and Combs Gas Line Replacement

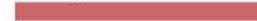
Project Description

Replace the high pressure gain main to ensure operational reliability and expansion of the natural gas pipeline to customers in the Magma service area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$570,833	\$570,833
Total	-	\$570,833	\$570,833

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$41,922	-	-	-	-	-	\$41,922
Construction	\$489,286	-	-	-	-	-	\$489,286
Design	\$39,136	-	-	-	-	-	\$39,136
Direct Expenses	\$489	-	-	-	-	-	\$489
Total	\$570,833	-	-	-	-	-	\$570,833

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

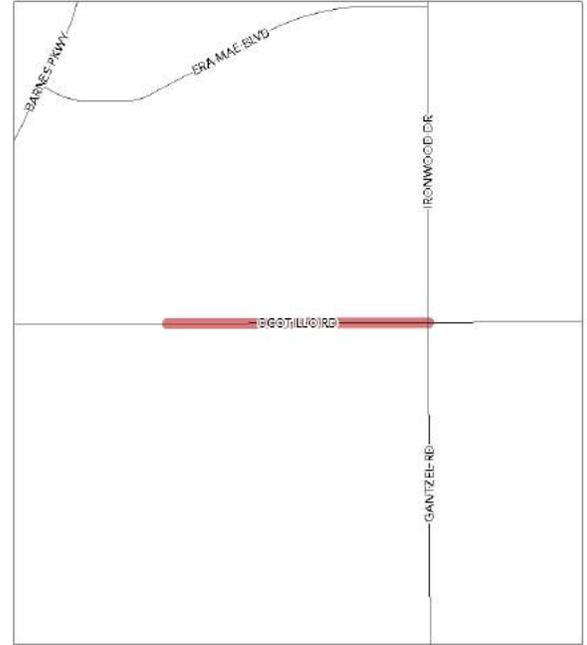
Natural Gas - Aging Infrastructure

Project Number and Name

CP0222 - Ocotillo Road Gas Main Replacement

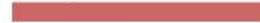
Project Description

Replacement of the high pressure gas main along Ocotillo Road to ensure operational reliability and expansion of the natural gas pipeline to customers in the Magma Service Area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$230,883	\$230,883
Total	-	\$230,883	\$230,883

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$13,069	-	-	-	-	-	\$13,069
Construction	\$217,596	-	-	-	-	-	\$217,596
Direct Expenses	\$218	-	-	-	-	-	\$218
Total	\$230,883	-	-	-	-	-	\$230,883

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

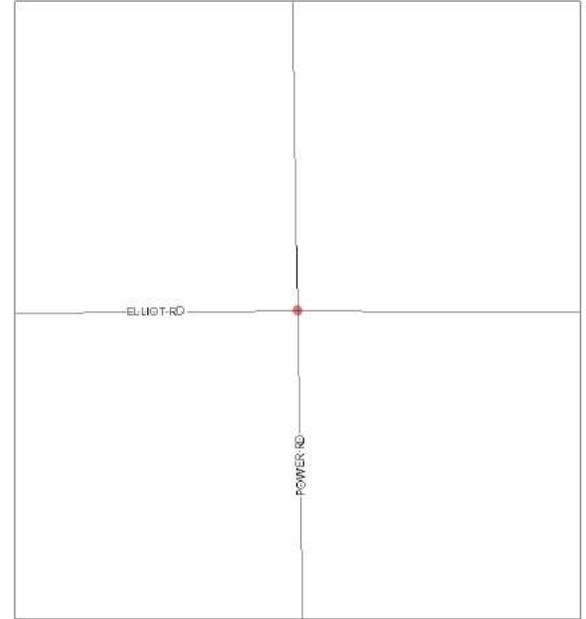
Natural Gas - Aging Infrastructure

Project Number and Name

CP0073 - Power and Elliot Regulator Station

Project Description

Construct a new a regulator station to meet current and future customer needs in the area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$317,051	\$317,051
Total	-	\$317,051	\$317,051

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$23,375	-	-	-	-	-	\$23,375
Construction	\$281,428	-	-	-	-	-	\$281,428
Design	\$11,674	-	-	-	-	-	\$11,674
Direct Expenses	\$574	-	-	-	-	-	\$574
Total	\$317,051	-	-	-	-	-	\$317,051

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

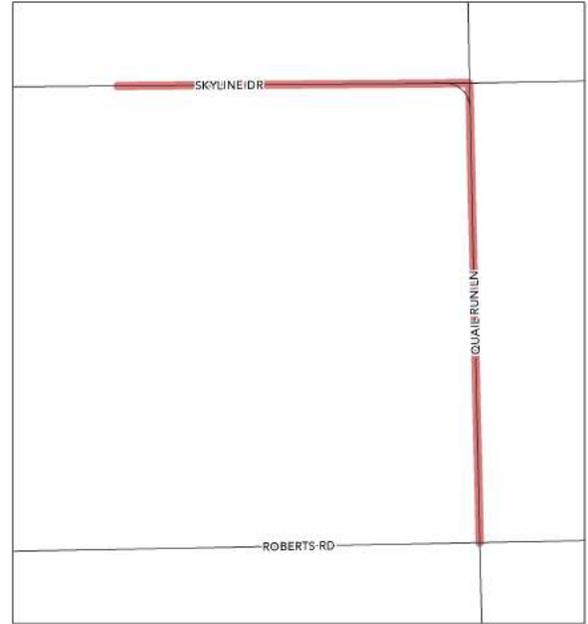
Natural Gas - Aging Infrastructure

Project Number and Name

C07026 - Quail Run Gas Line Replacement

Project Description

Replacement of aging infrastructure in the Magma natural gas system. The installation will replace approximately 1.5 miles of 4 inch steel pipe and realign the pipe from its current location onto a public right-of-way.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$743,368	\$528,785	\$1,272,153
Total	\$743,368	\$528,785	\$1,272,153

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,000	-	-	-	-	-	\$18,000
Construction	\$485,000	-	-	-	-	-	\$485,000
Design	\$25,785	-	-	-	-	-	\$25,785
Total	\$528,785	-	-	-	-	-	\$528,785

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas - Aging Infrastructure

Project Number and Name

C01886 - SCADA System for the Natural Gas Distribution System

Project Description

Install a Supervisory Control & Data Acquisition (SCADA) system to control and monitor all natural gas remote facilities. Natural gas remote facilities are currently monitored manually, which leads to inefficiencies and safety hazards.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$390,533	\$624,643	\$1,015,176
Total	\$390,533	\$624,643	\$1,015,176

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$26,157	\$4,973	\$6,858	-	-	\$6,389	\$44,377
Construction	\$352,283	\$62,094	\$85,632	-	-	\$79,779	\$579,788
Direct Expenses	\$250	\$62	\$86	-	-	\$80	\$478
Total	\$378,690	\$67,129	\$92,576	-	-	\$86,248	\$624,643

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

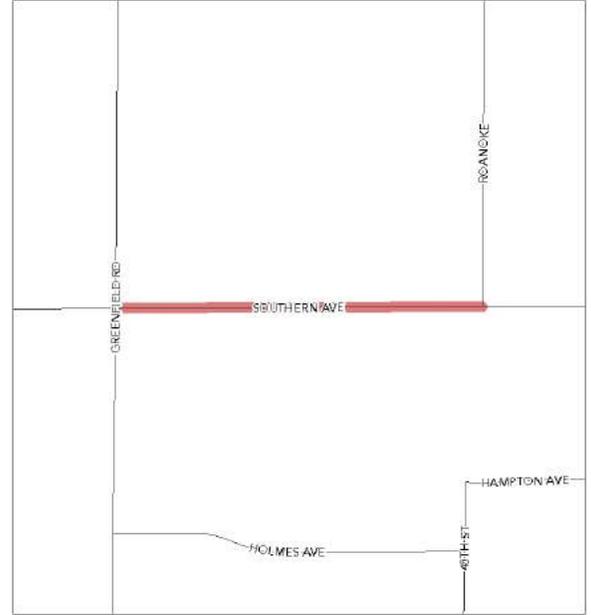
Natural Gas - Aging Infrastructure

Project Number and Name

C10373 - Southern Avenue: Greenfield Road to 48th Street

Project Description

Install high and intermediate pressure gas main to ensure operational integrity of the natural gas system. Replacements will be located along East Southern Avenue.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$706,669	\$706,669
Total	-	\$706,669	\$706,669

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$44,487	-	-	-	-	-	\$44,487
Construction	\$623,060	-	-	-	-	-	\$623,060
Design	\$38,610	-	-	-	-	-	\$38,610
Direct Expenses	\$512	-	-	-	-	-	\$512
Total	\$706,669	-	-	-	-	-	\$706,669

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

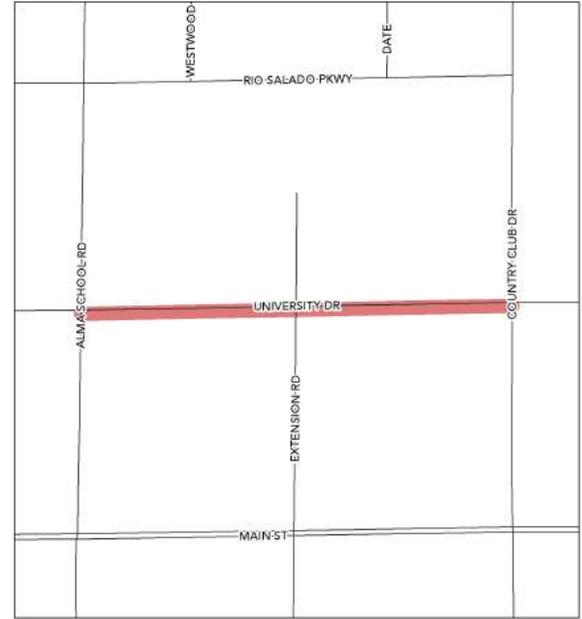
Natural Gas - Aging Infrastructure

Project Number and Name

CP0220 - University Drive Gas Line Replacement

Project Description

Construct system improvements along University Drive from Alma School to Country Club to ensure operational reliability and expansion of the natural gas system.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$852,591	\$852,591
Total	-	\$852,591	\$852,591

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$2,427	-	-	\$60,728	\$63,155
Construction	-	-	-	-	-	\$758,344	\$758,344
Design	-	-	\$30,304	-	-	-	\$30,304
Direct Expenses	-	-	\$30	-	-	\$758	\$788
Total	-	-	\$32,761	-	-	\$819,830	\$852,591

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

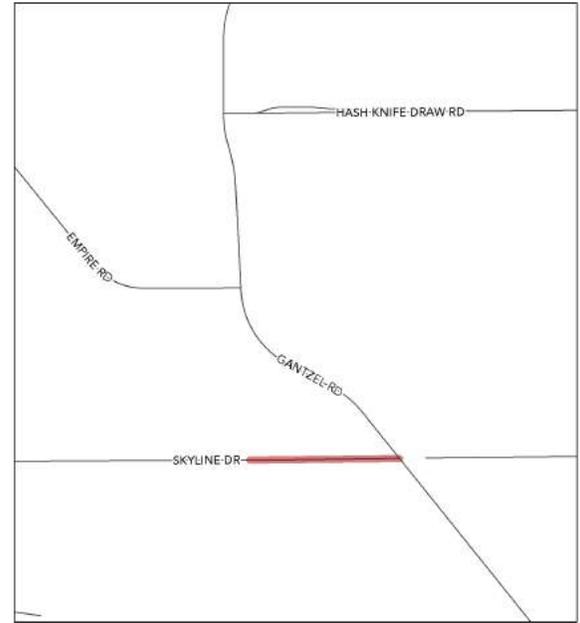
Gas System Reinforcement

Project Number and Name

C10376 - District Regulator Station, Skyline and Circle Cross Ranch

Project Description

Install a high pressure gas main and district regulator to meet anticipated growth needs of the natural gas system in the Magma service area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$3,087	\$2,899,447	\$2,930,534
Total	\$3,087	\$2,899,447	\$2,930,534

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$212,741	-	-	-	-	-	\$212,741
Construction	\$2,464,685	-	-	-	-	-	\$2,464,685
Design	\$216,866	-	-	-	-	-	\$216,866
Direct Expenses	\$5,147	-	-	-	-	-	\$5,147
Land Acquisition	\$8	-	-	-	-	-	\$8
Total	\$2,899,447	-	-	-	-	-	\$2,899,447

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

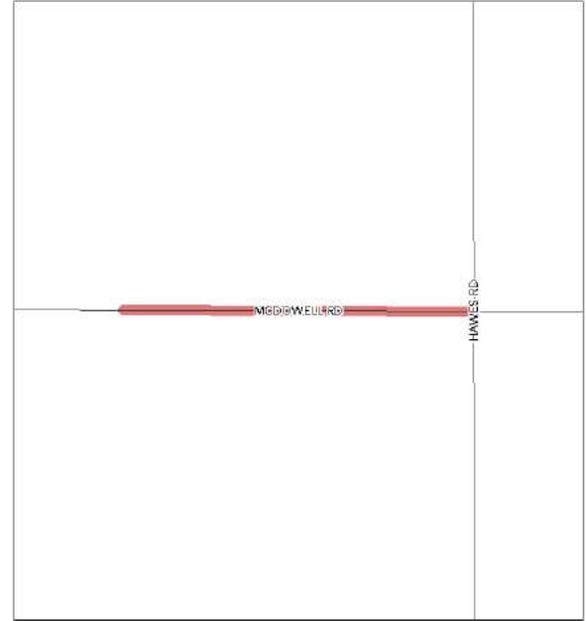
Gas System Reinforcement

Project Number and Name

CP0072 - McDowell Road; 80th Street to Hawes Road 4-inch PE

Project Description

Construct a tie between two existing intermediate gas mains with new gas main to meet anticipated growth needs of the natural gas system in east Mesa.



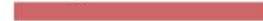
Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$507,024	\$507,024
Total	-	\$507,024	\$507,024

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$37,557	-	-	-	-	-	\$37,557
Construction	\$419,273	-	-	-	-	-	\$419,273
Design	\$49,725	-	-	-	-	-	\$49,725
Direct Expenses	\$469	-	-	-	-	-	\$469
Total	\$507,024	-	-	-	-	-	\$507,024

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

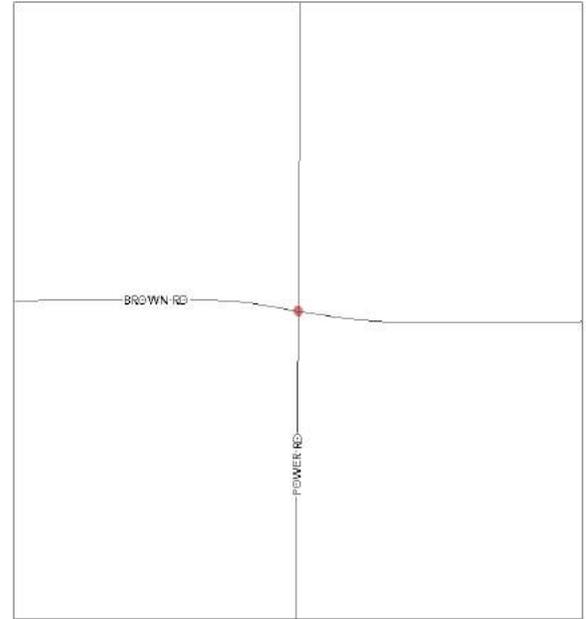
Gas System Reinforcement

Project Number and Name

CP0077 - Power Road and Brown Road Cross-Tie

Project Description

Install of gas main from McKellips to Indigo St along north Power Road to meet anticipated growth needs of the natural gas system in East Mesa.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$478,514	\$478,514
Total	-	\$478,514	\$478,514

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,700	\$31,746	-	-	-	-	\$35,446
Construction	-	\$396,425	-	-	-	-	\$396,425
Design	\$46,200	-	-	-	-	-	\$46,200
Direct Expenses	\$46	\$397	-	-	-	-	\$443
Total	\$49,946	\$428,568	-	-	-	-	\$478,514

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Gas System Reinforcement

Project Number and Name

C10388 - Regulator Station Security

Project Description

Install on-site security systems to monitor and deter theft and sabotage of regulator station equipment.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$450,750	\$450,750
Total	-	\$450,750	\$450,750

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$4,174	\$4,308	\$4,467	-	-	\$20,441	\$33,390
Construction	\$52,127	\$53,792	\$55,774	-	-	\$255,250	\$416,943
Direct Expenses	\$52	\$54	\$56	-	-	\$255	\$417
Total	\$56,353	\$58,154	\$60,297	-	-	\$275,946	\$450,750

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0156 - Gas Meters: New and Replacement

Project Description

Install residential and commercial/industrial size gas meters to ensure accurate measurement of gas sold.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction Utility	\$606,328	\$1,145,672	\$1,752,000
Replacement Extension and Renewal	-	\$6,613,012	\$6,613,012
Total	\$606,328	\$7,758,684	\$8,365,012

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$55,058	\$51,146	\$57,890	\$63,253	\$64,179	\$277,555	\$569,081
Construction	\$687,544	\$714,688	\$722,892	\$789,877	\$801,435	\$3,465,983	\$7,182,419
Direct Expenses	\$688	\$714	\$724	\$790	\$802	\$3,466	\$7,184
Total	\$743,290	\$766,548	\$781,506	\$853,920	\$866,416	\$3,747,004	\$7,758,684

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

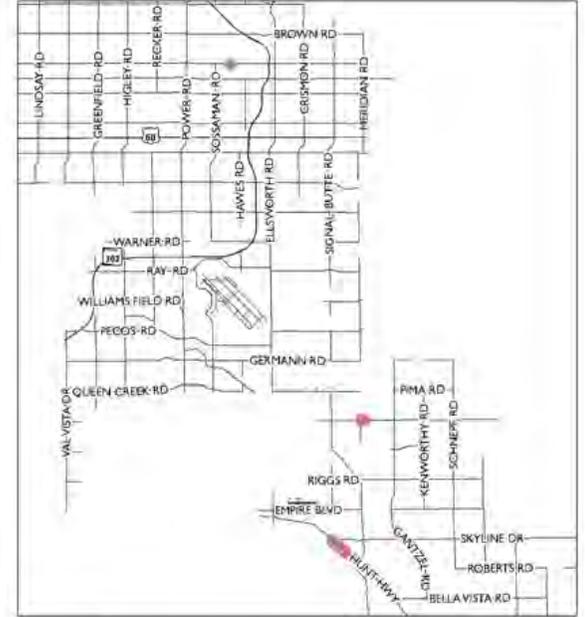
Natural Gas Growth

Project Number and Name

CP0152 - Gas System New Mains

Project Description

Extension of mains and services to new subdivisions. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$381,408	\$28,367,811	\$28,749,219
Total	\$381,408	\$28,367,811	\$28,749,219

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$251,739	\$250,816	\$268,444	-	-	\$1,330,570	\$2,101,569
Construction Direct	\$3,140,437	\$3,132,070	\$3,352,204	-	-	\$16,615,491	\$26,240,202
Expenses	\$2,940	\$3,132	\$3,352	-	-	\$16,616	\$26,040
Total	\$3,395,116	\$3,386,018	\$3,624,000	-	-	\$17,962,677	\$28,367,811

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Natural Gas Growth

Project Number and Name

CP0311 - Gas System New Mains

Project Description

Provides funding for the gas utility to extend mains to new subdivisions.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$1,002,684	\$1,052,415	\$2,055,099
Total	\$1,002,684	\$1,052,415	\$2,055,099

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$77,957	-	-	-	-	-	\$77,957
Construction	\$968,728	-	-	-	-	-	\$968,728
Design	\$5,730	-	-	-	-	-	\$5,730
Total	\$1,052,415	-	-	-	-	-	\$1,052,415

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0481 - Gas System New Mains

Project Description

Extension of mains and services to new subdivisions, planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$144,405	\$121,382	\$265,787
Total	\$144,405	\$121,382	\$265,787

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$9,482	-	-	-	-	-	\$9,482
Construction	\$111,900	-	-	-	-	-	\$111,900
Total	\$121,382	-	-	-	-	-	\$121,382

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0151 - Gas System New Services

Project Description

Install gas lines in new subdivision developments throughout the City and Magma area. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$4,436	\$19,027,996	\$19,032,432
Total	\$4,436	\$19,027,996	\$19,032,432

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$160,125	\$170,197	\$175,534	-	-	\$902,887	\$1,408,743
Construction	\$2,008,109	\$2,125,333	\$2,191,973	-	-	\$11,274,796	\$17,600,211
Design	\$1,457	-	-	-	-	-	\$1,457
Direct Expenses	\$1,995	\$2,126	\$2,191	-	-	\$11,273	\$17,585
Total	\$2,171,686	\$2,297,656	\$2,369,698	-	-	\$12,188,956	\$19,027,996

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0310 - Gas System New Services

Project Description

Provides funding for the gas utility add additional services to new residential and commercial customers.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$787,740	\$154,721	\$942,461
Total	\$787,740	\$154,721	\$942,461

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$9,698	-	-	-	-	-	\$9,698
Construction	\$145,023	-	-	-	-	-	\$145,023
Total	\$154,721	-	-	-	-	-	\$154,721

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0480 - Gas System New Services

Project Description

Installation of gas lines in new subdivision developments throughout the City and Magma Service Area, planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$236,123	\$80,168	\$316,291
Total	\$236,123	\$80,168	\$316,291

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,967	-	-	-	-	-	\$1,967
Construction	\$74,964	-	-	-	-	-	\$74,964
Design	\$3,237	-	-	-	-	-	\$3,237
Total	\$80,168	-	-	-	-	-	\$80,168

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

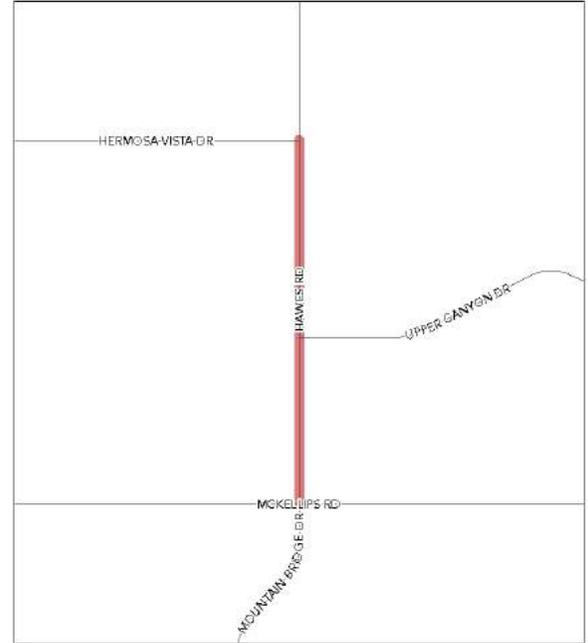
Natural Gas Growth

Project Number and Name

CP0075 - Hawes Regulator Station, McKellips Rd to Hermosa Vista

Project Description

Install a high pressure gas main and district regulator station to meet anticipated growth needs of the natural gas system in the East Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$959,689	\$959,689
Total	-	\$959,689	\$959,689

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$5,649	\$65,440	-	-	-	-	\$71,089
Construction	-	\$817,174	-	-	-	-	\$817,174
Design	\$70,538	-	-	-	-	-	\$70,538
Direct Expenses	\$71	\$817	-	-	-	-	\$888
Total	\$76,258	\$883,431	-	-	-	-	\$959,689

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0154 - High Pressure Gas Main Installations

Project Description

Install high pressure gas main to meet anticipated growth of the City. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$4,669	\$5,826,629	\$5,831,298
Total	\$4,669	\$5,826,629	\$5,831,298

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$48,730	\$51,913	\$55,561	-	-	\$275,398	\$431,602
Construction	\$608,514	\$648,268	\$693,829	-	-	\$3,439,025	\$5,389,636
Direct Expenses	\$609	\$648	\$694	-	-	\$3,440	\$5,391
Total	\$657,853	\$700,829	\$750,084	-	-	\$3,717,863	\$5,826,629

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

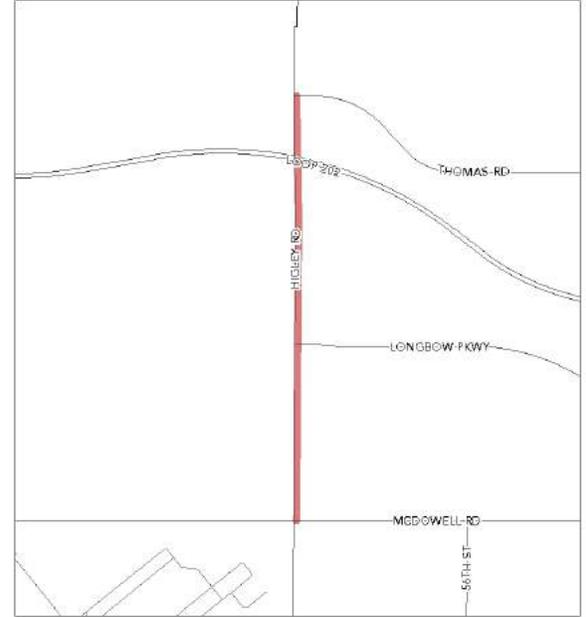
Natural Gas Growth

Project Number and Name

CP0181 - Higley Regulator Station, McDowell to Thomas

Project Description

Construct a regulator station and other system improvements to ensure operational reliability and expansion of the natural gas pipeline to customers in northeast Mesa.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$1,598,047	\$1,598,047
Total	-	\$1,598,047	\$1,598,047

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$9,177	\$109,196	-	-	-	-	\$118,373
Construction	-	\$1,363,594	-	-	-	-	\$1,363,594
Design	\$114,601	-	-	-	-	-	\$114,601
Direct Expenses	\$115	\$1,364	-	-	-	-	\$1,479
Total	\$123,893	\$1,474,154	-	-	-	-	\$1,598,047

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Natural Gas Growth

Project Number and Name

CP0071 - Magma Utility Service Center

Project Description

Construct a satellite service center for employees, vehicles, materials, tools and equipment from the Natural Gas Division, the Utility Services Section and Gas Marketing to provide service and support to the gas system and customers in the area.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$503,123	\$503,123
Total	-	\$503,123	\$503,123

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$37,268	-	-	-	\$37,268
Construction	-	-	\$465,390	-	-	-	\$465,390
Direct Expenses	-	-	\$465	-	-	-	\$465
Total	-	-	\$503,123	-	-	-	\$503,123

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

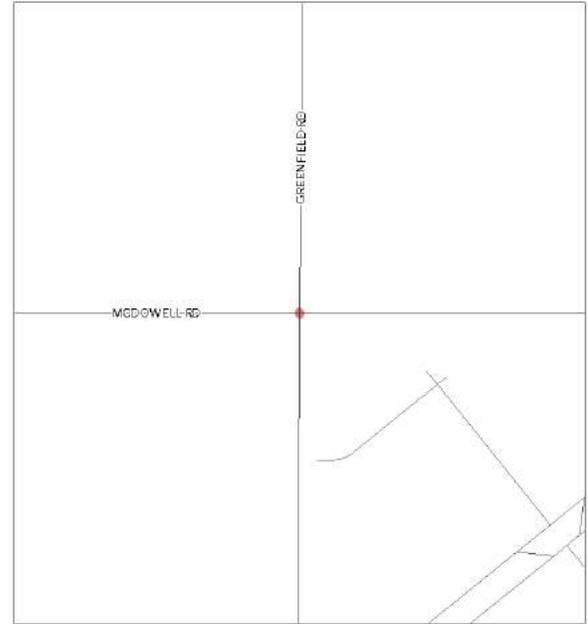
Natural Gas Growth

Project Number and Name

CP0076 - McDowell and Greenfield Regulator Station

Project Description

Install a district regulator station to meet anticipated growth in the area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$334,224	\$334,224
Total	-	\$334,224	\$334,224

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$935	\$23,823	-	-	-	-	\$24,758
Construction	-	\$297,483	-	-	-	-	\$297,483
Design	\$11,674	-	-	-	-	-	\$11,674
Direct Expenses	\$12	\$297	-	-	-	-	\$309
Total	\$12,621	\$321,603	-	-	-	-	\$334,224

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

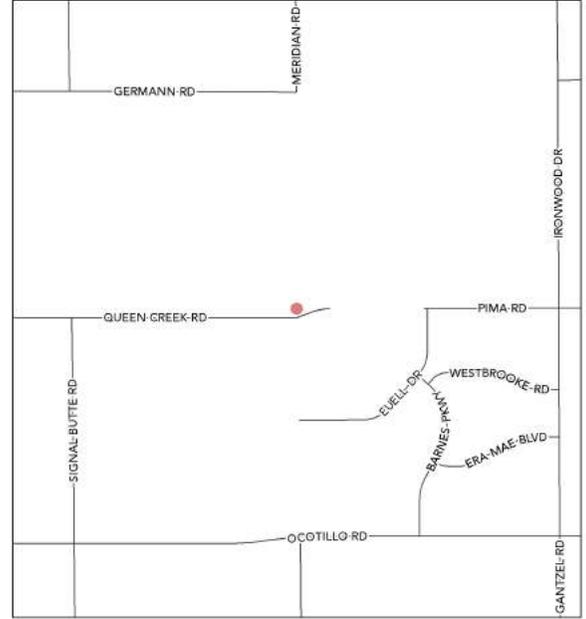
Natural Gas Growth

Project Number and Name

CP0394 - Meridian and Queen Creek Gas Regulator Station

Project Description

Redesign the existing regulator station at the intersection of Meridian Rd and Queen Creek Rd. Installation of a 4-inch polyethylene intermediate pressure pipe running south along Meridian Rd.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$274,850	\$274,850
Total	-	\$274,850	\$274,850

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$705	\$19,560	-	-	-	-	\$20,265
Construction	-	\$244,264	-	-	-	-	\$244,264
Design	\$9,825	-	-	-	-	-	\$9,825
Direct Expenses	\$251	\$245	-	-	-	-	\$496
Total	\$10,781	\$264,069	-	-	-	-	\$274,850

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

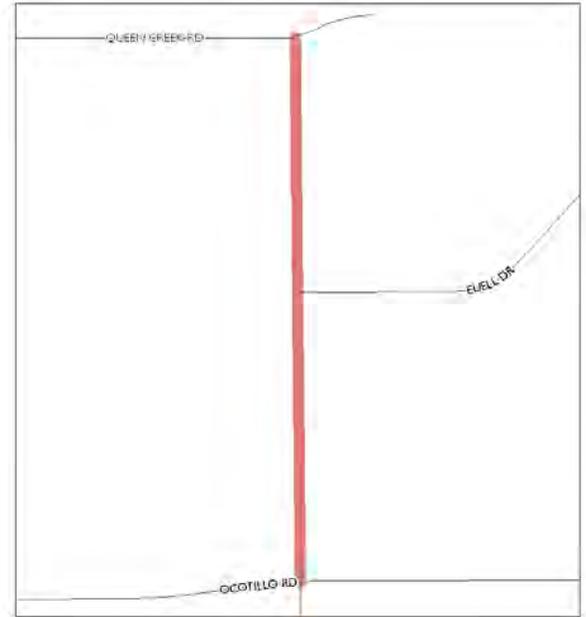
Natural Gas Growth

Project Number and Name

CP0393 - Meridian Rd Cross-Tie; Queen Creek Rd & Ocotillo Rd

Project Description

Install the connection of gas line on Ocotillo Rd. to the regulator station at Queen Creek Rd. and Meridian Rd.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$392,986	\$392,986
Total	-	\$392,986	\$392,986

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$28,862	-	-	-	-	-	\$28,862
Construction	\$336,950	-	-	-	-	-	\$336,950
Design	\$26,500	-	-	-	-	-	\$26,500
Direct Expenses	\$674	-	-	-	-	-	\$674
Total	\$392,986	-	-	-	-	-	\$392,986

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Contractual Obligations

Project Number and Name

CP0141 - 91st Ave Wastewater Treatment Plant Upgrades

Project Description

Provide funding for Mesa's share of the 91st Ave Wastewater Treatment Plant operational and facility upgrade costs.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,448,382	\$42,181,042	\$43,629,424
Total	\$1,448,382	\$42,181,042	\$43,629,424

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$261,990	\$388,069	\$226,790	\$395,281	\$510,398	\$976,980	\$2,759,508
Mesa Share	\$3,742,711	\$5,543,850	\$3,239,857	\$5,646,873	\$7,291,393	\$13,956,850	\$39,421,534
Total	\$4,004,701	\$5,931,919	\$3,466,647	\$6,042,154	\$7,801,791	\$14,933,830	\$42,181,042

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Customer Demand - Citywide

Project Number and Name

CP0349 - Odor Control Master Plan

Project Description

Odor control is a sensitive issue and closely tied to public relations. This project will identify major odor-causing compounds at the NWWRP and Baseline/Loop 101, evaluate the efficiency of the current odor control facilities, and identify improvements.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$145,559	\$546,671	\$692,230
Total	\$145,559	\$546,671	\$692,230

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$36,960	-	-	-	-	-	\$36,960
Design	\$509,711	-	-	-	-	-	\$509,711
Total	\$546,671	-	-	-	-	-	\$546,671

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

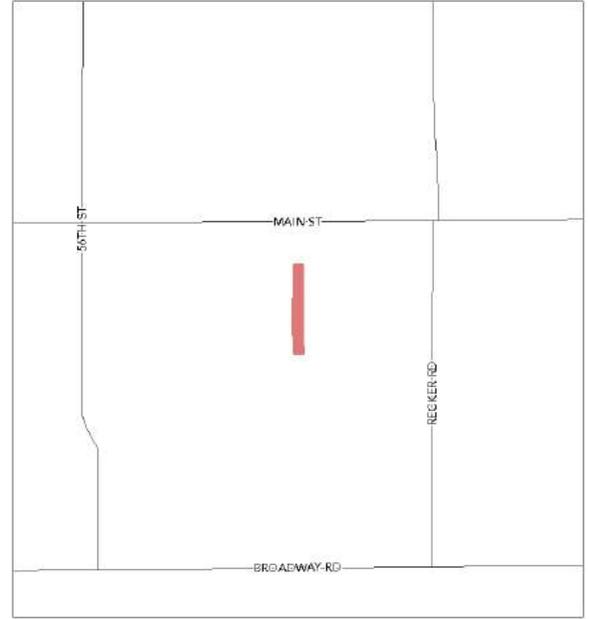
Wastewater Customer Demand - Citywide

Project Number and Name

CP0330 - Sewer Line Extensions to Unsewered Areas

Project Description

Sewer line extension to unsewered areas currently served by on-site septic systems.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$5,880	\$4,245,946	\$4,251,826
Total	\$5,880	\$4,245,946	\$4,251,826

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$37,197	\$37,740	\$38,469	\$39,234	-	\$125,133	\$277,773
Construction	\$445,725	\$452,233	\$460,969	\$470,133	-	\$1,499,449	\$3,328,509
Design	\$50,000	\$50,730	\$51,710	\$52,738	-	\$168,204	\$373,382
Direct Expenses	\$35,658	\$36,179	\$36,878	\$37,611	-	\$119,956	\$266,282
Total	\$568,580	\$576,882	\$588,026	\$599,716	-	\$1,912,742	\$4,245,946

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

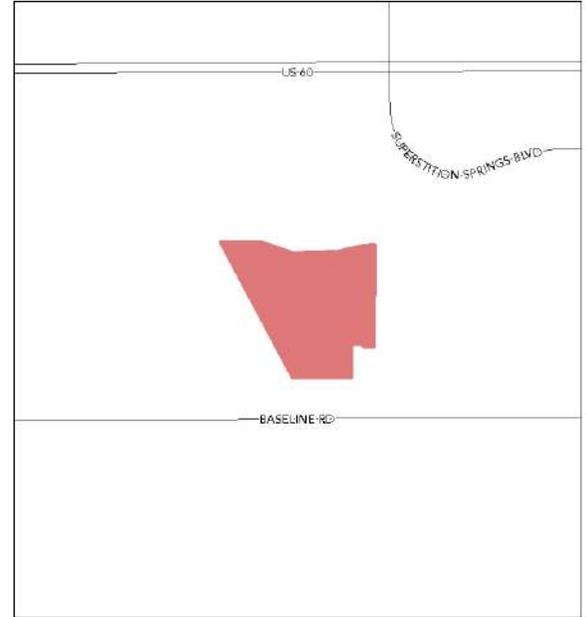
Wastewater Customer Demand - Citywide

Project Number and Name

CP0203 - Southeast Water Reclamation Plant Grit Removal Facilities

Project Description

Install a grit removal system ahead of the primary clarifiers to improve grit removal efficiency, reduce grit in the primary sludge, reduce wear on downstream equipment, and reduce or eliminate clogging of the primary sludge lines.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$215,581	\$2,648,657	\$2,864,238
Total	\$215,581	\$2,648,657	\$2,864,238

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$173,277	-	-	-	-	-	\$173,277
Construction	\$2,384,316	-	-	-	-	-	\$2,384,316
Design	\$66,580	-	-	-	-	-	\$66,580
Direct Expenses	\$24,484	-	-	-	-	-	\$24,484
Total	\$2,648,657	-	-	-	-	-	\$2,648,657

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

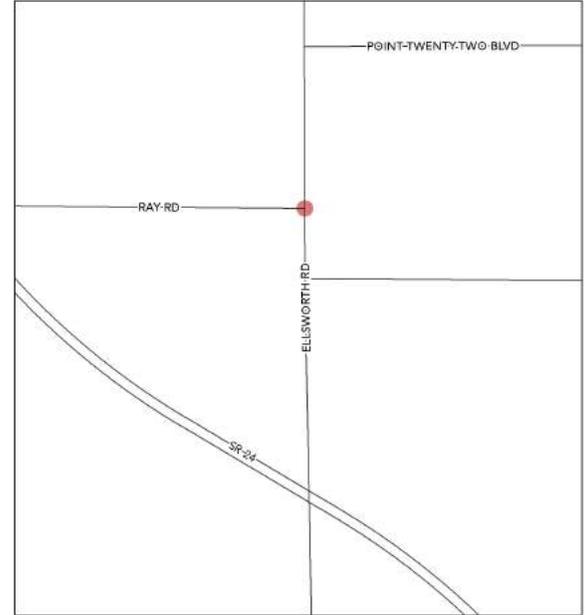
Wastewater Customer Demand in SE Mesa

Project Number and Name

CP0376 - Ellsworth Rd. Sewer: Elliot to Ray

Project Description

Install pipe along Ellsworth Rd to serve development on the GM Proving Grounds (DMB) between Elliot and Ray Roads.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,321,578	\$2,321,578
Total	-	\$2,321,578	\$2,321,578

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$16,184	\$135,696	-	-	-	-	\$151,880
Construction	-	\$1,820,192	-	-	-	-	\$1,820,192
Design	\$199,300	-	-	-	-	-	\$199,300
Direct Expenses	\$31,893	\$118,313	-	-	-	-	\$150,206
Total	\$247,377	\$2,074,201	-	-	-	-	\$2,321,578

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

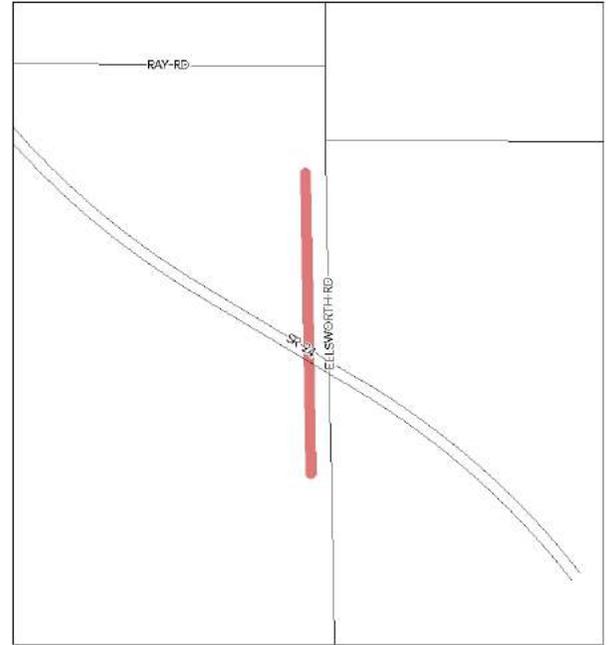
Wastewater Customer Demand in SE Mesa

Project Number and Name

C10462 - Ellsworth Rd Wastewater Line; Ray Rd to State Route 24

Project Description

Install sewer line along the SR 24 R-O-W between Ray Rd and Williams Field Rd. to serve the East Terminal area of Williams Gateway Airport and a portion of the Pacific Proving Grounds development.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,580,681	\$1,580,681
Total	-	\$1,580,681	\$1,580,681

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$103,409	-	-	-	-	-	\$103,409
Construction	\$1,367,844	-	-	-	-	-	\$1,367,844
Direct Expenses	\$109,428	-	-	-	-	-	\$109,428
Total	\$1,580,681	-	-	-	-	-	\$1,580,681

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

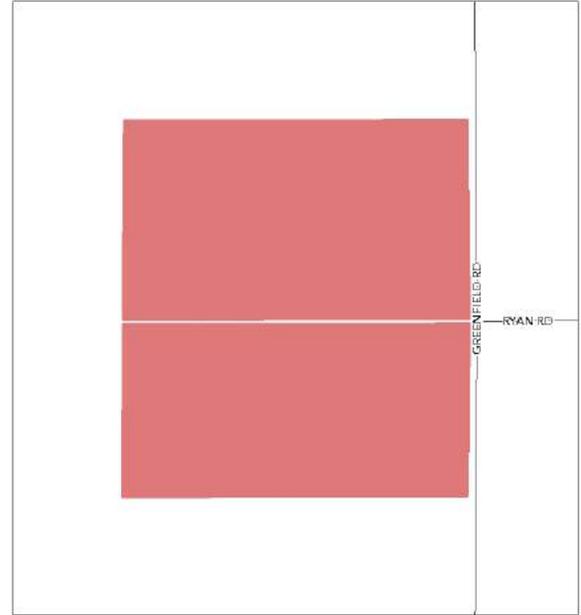
Wastewater Customer Demand in SE Mesa

Project Number and Name

CP0067 - Greenfield Water Reclamation Plant Expansion

Project Description

Construct additional treatment capacity to meet the increasing wastewater flows to the Greenfield Water Reclamation Plant.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Greenfield WRP Joint Venture	\$325,806	\$172,648,771	\$172,974,577
Wastewater Bond Construction	\$2,463	\$107,289,177	\$107,291,640
Total	\$328,269	\$279,937,948	\$280,266,217

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$273,586	\$781,242	\$3,226,704	\$2,742,376	-	-	\$7,023,908
Construction	\$7,077,656	\$27,106,013	\$125,070,921	\$106,300,230	-	-	\$265,554,820
Design	\$3,301,232	\$3,043,800	-	-	-	-	\$6,345,032
Direct Expenses	\$260,000	\$263,796	\$268,892	\$221,500	-	-	\$1,014,188
Total	\$10,912,474	\$31,194,851	\$128,566,517	\$109,264,106	-	-	\$279,937,948

*Greenfield Water Reclamation Plant Expansion budget includes the total project budget of \$172,974,577 with the City of Mesa serving as manager of the GWRP Joint Venture and the budget of \$107,291,640 in wastewater bonds for the City of Mesa's portion of the cost as a customer of the plant. The participating partners will pay for the remaining balance of \$65,682,937.

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

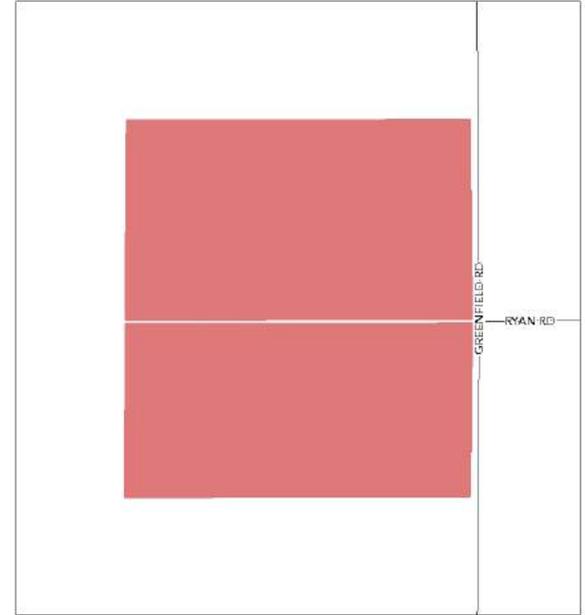
Wastewater Customer Demand in SE Mesa

Project Number and Name

C10335 - Greenfield Water Reclamation Plant Primary Odor Control

Project Description

Expansion of the Primary Odor Control System that is currently at capacity. The project includes the installation of one new chemical wet scrubber; replacement of the two existing chemical storage tanks, and other items.



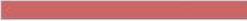
Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Greenfield WRP Joint Venture	\$48,521	\$2,284,370	\$2,332,891
Wastewater Bond Construction	\$390	\$909,081	\$909,471
Total	\$48,911	\$3,193,451	\$3,242,362

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$157,738	-	-	-	-	-	\$157,738
Construction	\$2,909,081	-	-	-	-	-	\$2,909,081
Design	\$109,535	-	-	-	-	-	\$109,535
Direct Expenses	\$17,097	-	-	-	-	-	\$17,097
Total	\$3,193,451	-	-	-	-	-	\$3,193,451

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Wastewater Customer Demand in SE Mesa

Project Number and Name

C10282 - Pecos Road Relief Sewer, Ellsworth to Power

Project Description

Install sewer in Pecos Road from Ellsworth Road to Power Road line to provide additional capacity to serve development along Pecos Rd. from Power Rd. to Meridian Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$4,906,083	\$4,906,083
Total	-	\$4,906,083	\$4,906,083

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$27,633	\$293,326	-	-	-	\$320,959
Construction	-	-	\$4,131,357	-	-	-	\$4,131,357
Design	-	\$394,748	-	-	-	-	\$394,748
Direct Expenses	-	-	\$59,019	-	-	-	\$59,019
Total	-	\$422,381	\$4,483,702	-	-	-	\$4,906,083

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Customer Demand in SE Mesa

Project Number and Name

CP0374 - Phoenix Mesa Gateway Airport NE Area Development Plan

Project Description

Install sewer line on Gateway Blvd in Phoenix Mesa Gateway Airport to serve northeast terminal area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$415,055	\$415,055
Total	-	\$415,055	\$415,055

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,780	\$23,373	-	-	-	-	\$27,153
Construction	-	\$309,168	-	-	-	-	\$309,168
Design	\$54,000	-	-	-	-	-	\$54,000
Direct Expenses	-	\$24,734	-	-	-	-	\$24,734
Total	\$57,780	\$357,275	-	-	-	-	\$415,055

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

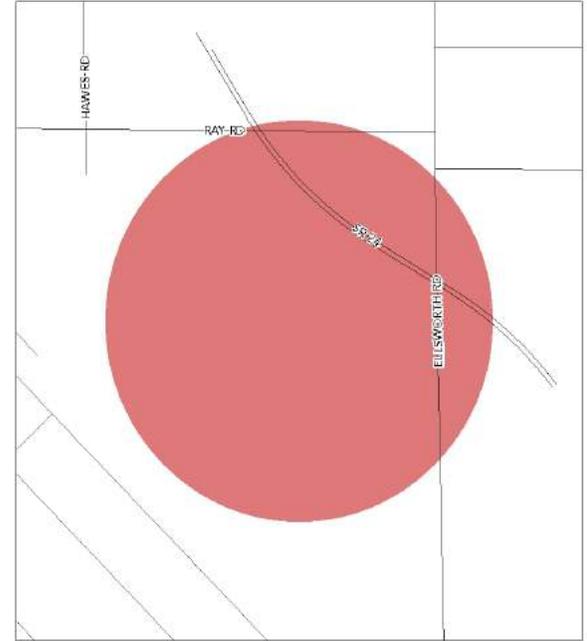
Wastewater Customer Demand in SE Mesa

Project Number and Name

CP0375 - Phoenix Mesa Gateway Airport NE Area Development Plan

Project Description

Install sewer lines to support future terminal in the northeast area of Phoenix Mesa Gateway Airport.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,328,095	\$1,328,095
Total	-	\$1,328,095	\$1,328,095

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,180	\$74,705	-	-	-	-	\$86,885
Construction	-	\$988,157	-	-	-	-	\$988,157
Design	\$174,000	-	-	-	-	-	\$174,000
Direct Expenses	-	\$79,053	-	-	-	-	\$79,053
Total	\$186,180	\$1,141,915	-	-	-	-	\$1,328,095

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Wastewater Customer Demand in SE Mesa

Project Number and Name

C09005 - Rittenhouse Road Sewer

Project Description

Construct relief sewer between Power Road and the East Mesa Interceptor to provide additional capacity to serve development along the Pecos Rd. corridor between Power Rd and Meridian Rd.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$5,178	\$2,497,980	\$2,503,158
Total	\$5,178	\$2,497,980	\$2,503,158

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$163,419	-	-	-	-	-	\$163,419
Construction	\$2,206,418	-	-	-	-	-	\$2,206,418
Design	\$96,623	-	-	-	-	-	\$96,623
Direct Expenses	\$31,520	-	-	-	-	-	\$31,520
Total	\$2,497,980	-	-	-	-	-	\$2,497,980

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Wastewater Customer Demand in SE Mesa

Project Number and Name

CP0037 - Warner Road: Power Road to Ellsworth Road

Project Description

Install sewer along the Warner Rd. Alignment from the East Mesa Interceptor (EMI) to Ellsworth Rd.. To serve future development along Warner Rd. and portions of the GM Proving Grounds (DMB).



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,984,030	\$2,984,030
Total	-	\$2,984,030	\$2,984,030

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$195,217	-	-	-	-	-	\$195,217
Construction	\$2,711,346	-	-	-	-	-	\$2,711,346
Direct Expenses	\$77,467	-	-	-	-	-	\$77,467
Total	\$2,984,030	-	-	-	-	-	\$2,984,030

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Customer Demand in SE Mesa

Project Number and Name

CP0143 - Wastewater Oversize and Extensions - Cityshare

Project Description

Construct wastewater extensions and oversized mains due to development. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$72,153	\$1,323,477	\$1,395,630
Total	\$72,153	\$1,323,477	\$1,395,630

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,672	\$10,653	\$10,859	\$11,075	-	\$35,323	\$86,582
Construction	\$266,750	\$152,190	\$155,130	\$158,214	-	\$504,611	\$1,236,895
Total	\$285,422	\$162,843	\$165,989	\$169,289	-	\$539,934	\$1,323,477

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Wastewater Customer Demand in SE Mesa

Project Number and Name

C10425 - Williams Field Road Sewer: Ellsworth to Mountain

Project Description

Install sewer line along SR 24 and Williams Field Rd from Mountain Rd to Ellsworth Rd. to serve future development.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,395,194	\$2,395,194
Total	-	\$2,395,194	\$2,395,194

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$156,695	-	-	-	-	-	\$156,695
Construction	\$2,075,594	-	-	-	-	-	\$2,075,594
Direct Expenses	\$162,905	-	-	-	-	-	\$162,905
Total	\$2,395,194	-	-	-	-	-	\$2,395,194

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

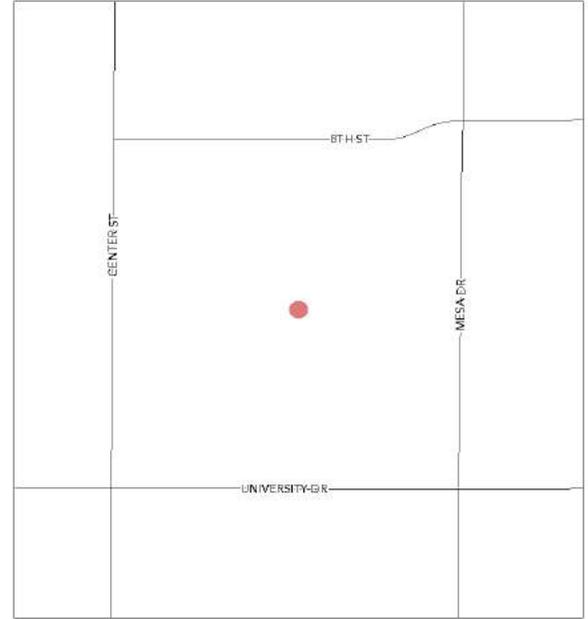
Wastewater Lifecycle

Project Number and Name

CP0040 - 6th Street Sulfide Control Station Rehabilitation

Project Description

Replace the existing pumps, storage tanks, and system controls so that this facility can continue to provide adequate level of service. The existing 6th Street Sulfide Control Station was installed in 2001.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$641,761	\$641,761
Total	-	\$641,761	\$641,761

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$41,985	-	-	-	-	-	\$41,985
Construction	\$536,073	-	-	-	-	-	\$536,073
Design	\$51,765	-	-	-	-	-	\$51,765
Direct Expenses	\$11,938	-	-	-	-	-	\$11,938
Total	\$641,761	-	-	-	-	-	\$641,761

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

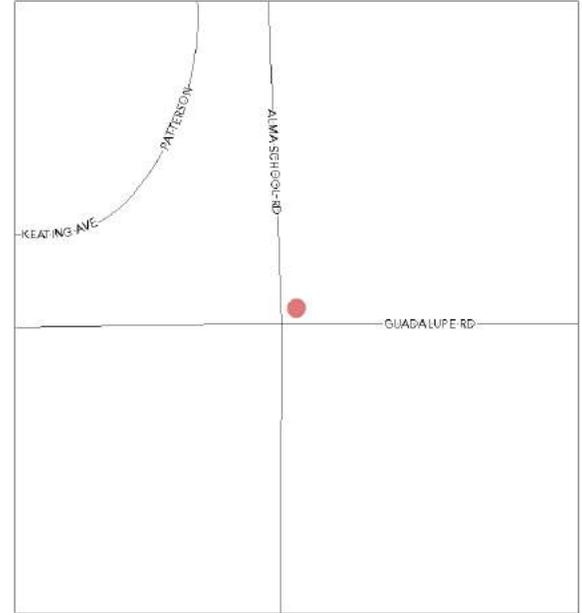
Wastewater Lifecycle

Project Number and Name

CP0504 - Alma School Lift Station Slab Deflection

Project Description

Raise and level the existing pipe support slab at the Alma School Wastewater Lift Station and stabilize the soil to prevent further settlement and provide adequate support for the existing piping system.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$9,461	\$33,346	\$42,807
Total	\$9,461	\$33,346	\$42,807

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,182	-	-	-	-	-	\$2,182
Construction	\$19,704	-	-	-	-	-	\$19,704
Design	\$11,460	-	-	-	-	-	\$11,460
Total	\$33,346	-	-	-	-	-	\$33,346

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

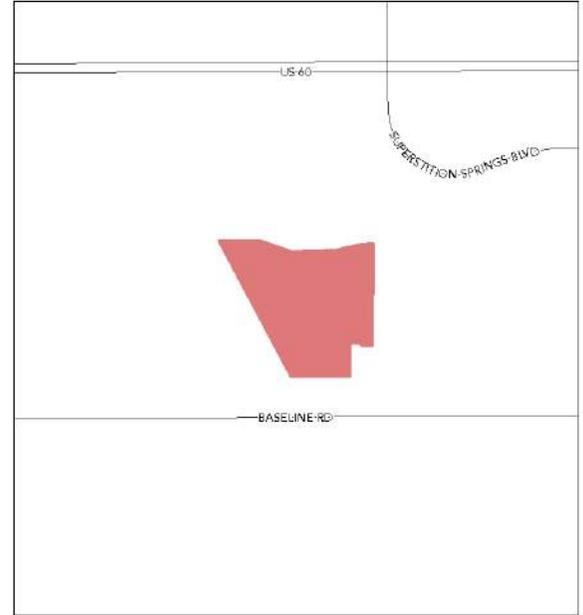
Wastewater Lifecycle

Project Number and Name

CP0378 - Baseline Rd Biofilter Improvements

Project Description

This project will modify existing biofilter configuration to improve system performance and minimize potential for odor problems.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$63,130	\$63,130
Total	-	\$63,130	\$63,130

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$4,130	-	-	-	-	-	\$4,130
Construction	\$50,000	-	-	-	-	-	\$50,000
Design	\$5,000	-	-	-	-	-	\$5,000
Direct Expenses	\$4,000	-	-	-	-	-	\$4,000
Total	\$63,130	-	-	-	-	-	\$63,130

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

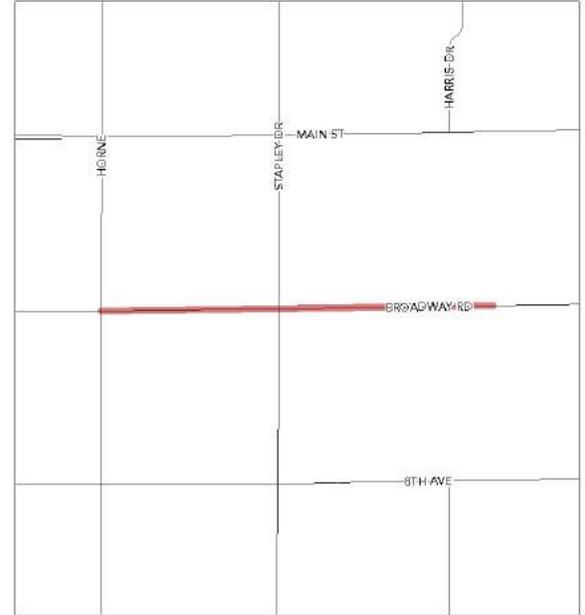
Wastewater Lifecycle

Project Number and Name

CP0038 - Broadway Road Sewer Replacement; Horne to Williams

Project Description

Replace approximately one mile of pipe to eliminate the defective pipe and improve flow velocities. In addition, a large portion of this line was installed at a slope that is considered less than minimum allowed by current standards.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,812,026	\$284,248	\$2,096,274
Total	\$1,812,026	\$284,248	\$2,096,274

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,468	-	-	-	-	-	\$18,468
Construction	\$265,780	-	-	-	-	-	\$265,780
Total	\$284,248	-	-	-	-	-	\$284,248

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

C01687 - Diversion Structures Rehabilitation

Project Description

Rehabilitate Diversion Structure numbers 1, 8, and 43. These structures have been a part of the City's wastewater system for a number of years and are showing various degrees of degradation thereby creating a potentially hazardous condition.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$128,303	\$95,862	\$224,165
Total	\$128,303	\$95,862	\$224,165

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,244	-	-	-	-	-	\$3,244
Construction	\$92,618	-	-	-	-	-	\$92,618
Total	\$95,862	-	-	-	-	-	\$95,862

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

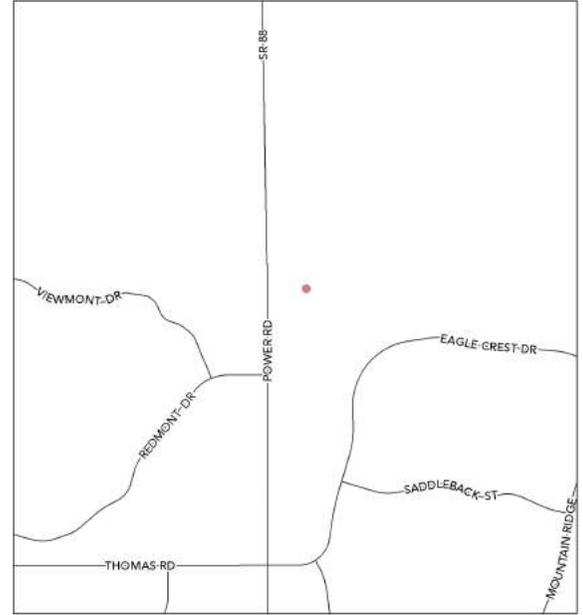
Wastewater Lifecycle

Project Number and Name

CP0043 - Eagle Crest Lift Station Rehabilitation

Project Description

Replace the existing pumps, piping, and system controls so that this facility can continue to provide adequate level of service.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$710,610	\$710,610
Total	-	\$710,610	\$710,610

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$4,487	\$42,002	-	-	-	\$46,489
Construction	-	-	\$563,406	-	-	-	\$563,406
Design	-	\$55,803	-	-	-	-	\$55,803
Direct Expenses	-	\$8,291	\$36,621	-	-	-	\$44,912
Total	-	\$68,581	\$642,029	-	-	-	\$710,610

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

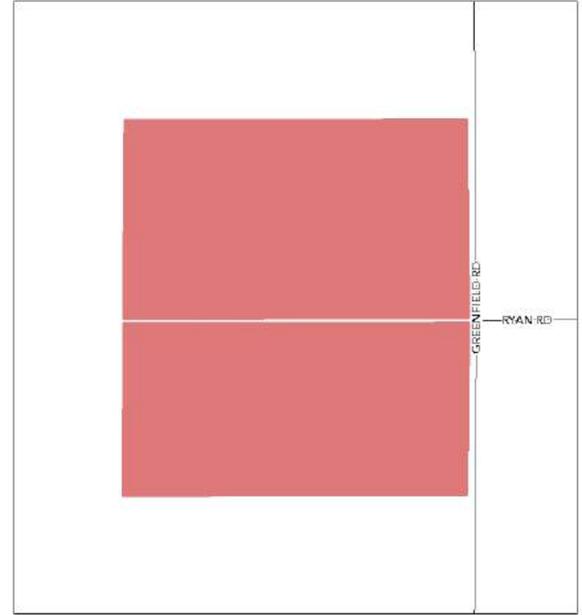
Wastewater Lifecycle

Project Number and Name

CP0328 - Greenfield Water Reclamation Equipment Replacement

Project Description

Replacement of process equipment, as required, to maintain plant operation. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,442	\$4,476,660	\$4,478,102
Total	\$1,442	\$4,476,660	\$4,478,102

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$37,800	\$62,897	\$70,758	\$61,160	-	\$60,250	\$292,865
Direct Expenses	\$40,000	\$66,558	\$74,876	\$64,720	-	\$63,757	\$309,911
Purchases	\$500,000	\$831,972	\$935,951	\$809,001	-	\$796,960	\$3,873,884
Total	\$577,800	\$961,427	\$1,081,585	\$934,881	-	\$920,967	\$4,476,660

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

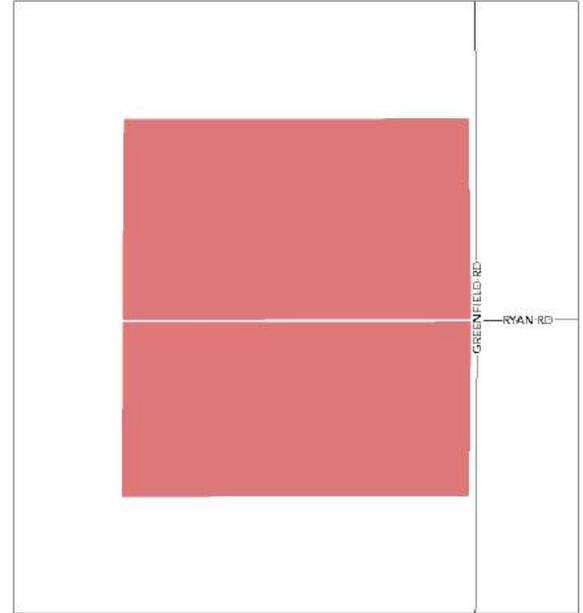
Wastewater Lifecycle

Project Number and Name

CP0045 - Greenfield Water Reclamation Plant Improvements

Project Description

Modify and/or rehabilitate the existing systems and installation of new systems to improve plant operations and reliability.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Greenfield WRP Joint Venture	\$22,781	\$16,117,391	\$16,140,172
Wastewater Bond Construction	\$18,697	\$12,438,951	\$12,457,648
Total	\$41,478	\$28,556,342	\$28,597,820

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$98,270	\$202,893	\$72,394	\$103,366	-	\$329,678	\$806,601
Construction	\$3,329,662	\$10,134,260	\$3,706,296	\$5,291,968	-	\$4,709,698	\$27,171,884
Design	\$210,178	\$253,041	-	-	-	-	\$463,219
Direct Expenses	\$13,447	\$28,985	\$10,342	\$14,767	-	\$47,097	\$114,638
Total	\$3,651,557	\$10,619,179	\$3,789,032	\$5,410,101	-	\$5,086,473	\$28,556,342

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

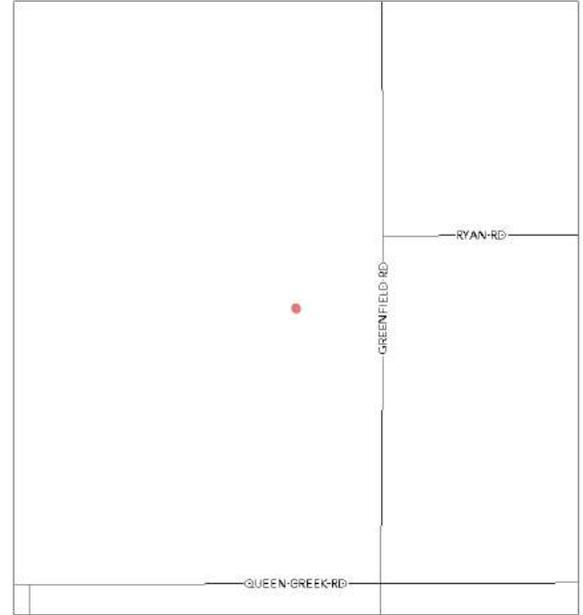
Wastewater Lifecycle

Project Number and Name

CP0263 - GWRP Headworks & Solids Building Duct Upgrades

Project Description

Replace the bus duct systems at both the solids and headworks buildings with conduit and wire systems to eliminate the possibility of future failures due to water intrusion.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,318,296	\$1,318,296
Total	-	\$1,318,296	\$1,318,296

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,137	\$63,506	\$20,601	-	-	-	\$86,244
Construction	-	\$802,003	\$272,498	-	-	-	\$1,074,501
Design	\$30,530	\$41,061	-	-	-	-	\$71,591
Direct Expenses	-	\$64,160	\$21,800	-	-	-	\$85,960
Total	\$32,667	\$970,730	\$314,899	-	-	-	\$1,318,296

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

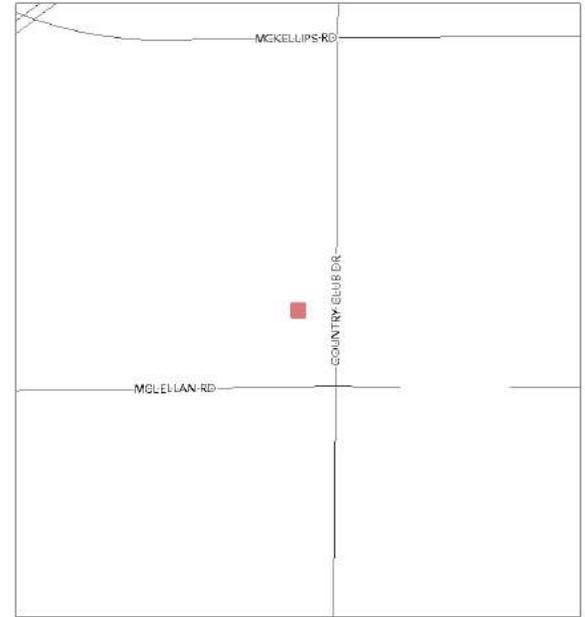
Wastewater Lifecycle

Project Number and Name

CP0039 - Ivyglen Sulfide Control Station Rehabilitation

Project Description

Replace the existing pumps, storage tanks, and system controls so that this facility can continue to provide an adequate level of service.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$579,494	\$210,670	\$790,164
Total	\$579,494	\$210,670	\$790,164

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$13,782	-	-	-	-	-	\$13,782
Construction	\$196,888	-	-	-	-	-	\$196,888
Total	\$210,670	-	-	-	-	-	\$210,670

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0385 - Lift Station Equipment Replacement

Project Description

Replace equipment that is no longer functional or has reached it's useful life.at the wastewater lift stations to maintain level of service.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$368,074	\$368,074
Total	-	\$368,074	\$368,074

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,780	\$3,835	\$3,909	\$3,987	-	\$8,569	\$24,080
Direct Expenses	\$4,000	\$4,058	\$4,137	\$4,219	-	\$9,067	\$25,481
Purchases	\$50,000	\$50,730	\$51,710	\$52,738	-	\$113,335	\$318,513
Total	\$57,780	\$58,623	\$59,756	\$60,944	-	\$130,971	\$368,074

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Wastewater Lifecycle

Project Number and Name

C10478 - Northwest Water Reclamation Plant Aeration System

Project Description

Modify and upgrade blower control system to allow more accurate air flow to the aeration basins based on process needs and to ensure compliance with permit requirements.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$152,242	\$7,458,345	\$7,610,587
Total	\$152,242	\$7,458,345	\$7,610,587

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$257,940	\$36,079	\$36,776	\$37,507	-	\$119,625	\$487,927
Construction	\$3,305,091	\$507,300	\$517,100	\$527,380	-	\$1,682,035	\$6,538,906
Design	\$169,756	-	-	-	-	-	\$169,756
Direct Expenses	\$210,015	\$8,117	\$8,274	\$8,438	-	\$26,912	\$261,756
Total	\$3,942,802	\$551,496	\$562,150	\$573,325	-	\$1,828,572	\$7,458,345

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0335 - Northwest Water Reclamation Equipment Replacement

Project Description

Replace equipment that is no longer functional or has reached its useful life at Northwest Water Reclamation Plant to maintain level of service and insure that the plant can consistently meet its permit requirements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$284,472	\$4,694,549	\$4,979,021
Total	\$284,472	\$4,694,549	\$4,979,021

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$62,644	\$38,352	\$39,093	\$39,870	-	\$127,162	\$307,121
Design	\$40,000	-	-	-	-	-	\$40,000
Direct Expenses	\$40,000	\$40,584	\$41,368	\$42,190	-	\$134,563	\$298,705
Purchases	\$814,908	\$507,300	\$517,100	\$527,380	-	\$1,682,035	\$4,048,723
Total	\$957,552	\$586,236	\$597,561	\$609,440	-	\$1,943,760	\$4,694,549

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

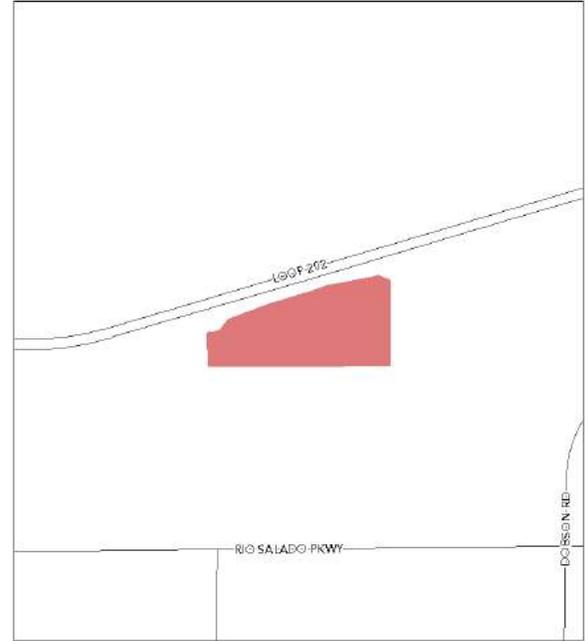
Wastewater Lifecycle

Project Number and Name

C07020 - Northwest Water Reclamation Plant Facilities Upgrade

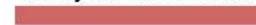
Project Description

Upgrade existing systems at the NWWRP to correct problems and improve operating efficiencies.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$3,471,854	\$712,560	\$4,184,414
Total	\$3,471,854	\$712,560	\$4,184,414

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$46,616	-	-	-	-	-	\$46,616
Construction	\$665,944	-	-	-	-	-	\$665,944
Total	\$712,560	-	-	-	-	-	\$712,560

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Wastewater Lifecycle

Project Number and Name

CP0266 - Northwest Water Reclamation Filter Rehabilitation

Project Description

Replace the aging filters at Northwest Water Reclamation Plant to improve plant performance and ensure compliance with permit requirements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$304,949	\$1,822,678	\$2,127,627
Total	\$304,949	\$1,822,678	\$2,127,627

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$119,913	-	-	-	-	-	\$119,913
Construction	\$1,702,765	-	-	-	-	-	\$1,702,765
Total	\$1,822,678	-	-	-	-	-	\$1,822,678

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0046 - NWWRP Plant Odor Control System

Project Description

Replace storage tanks and piping to extend the useful life of these facilities. The existing odor control facilities at the Northwest Water Reclamation Plant were installed in 2001.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,410,331	\$214,329	\$1,624,660
Total	\$1,410,331	\$214,329	\$1,624,660

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$14,022	-	-	-	-	-	\$14,022
Construction	\$200,307	-	-	-	-	-	\$200,307
Total	\$214,329	-	-	-	-	-	\$214,329

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0267 - Northwest Water Reclamation Perimeter Wall

Project Description

Replace wrought iron fence along the south and east sides of the Northwest Water Reclamation Plant with a Concrete Masonry Unit wall to improve plant security.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$39,456	\$84,027	\$123,483
Total	\$39,456	\$84,027	\$123,483

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$26,193	-	-	-	-	-	\$26,193
Construction	\$17,871	-	-	-	-	-	\$17,871
Design	\$33,796	-	-	-	-	-	\$33,796
Direct Expenses	\$6,167	-	-	-	-	-	\$6,167
Total	\$84,027	-	-	-	-	-	\$84,027

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0535 - Northwest Water Reclamation Roof Painting

Project Description

Coat all of the existing green metal roofing at the Northwest Water Reclamation Plant with a "reddish" color that matches the "sun-dried tomato" color that was used on the Cubs Stadium.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$216,978	\$216,978
Total	-	\$216,978	\$216,978

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$14,195	-	-	-	-	-	\$14,195
Construction	\$167,127	-	-	-	-	-	\$167,127
Design	\$5,656	-	-	-	-	-	\$5,656
Direct Expenses	\$30,000	-	-	-	-	-	\$30,000
Total	\$216,978	-	-	-	-	-	\$216,978

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0386 - Odor Control Station Equipment Replacement

Project Description

Replace equipment that is no longer functional or has reached its useful life at the wastewater lift stations to maintain level of service.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$215,741	\$215,741
Total	-	\$215,741	\$215,741

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,890	\$1,918	\$1,955	\$1,993	-	\$6,358	\$14,114
Direct Expenses	\$2,000	\$2,029	\$2,068	\$2,110	-	\$6,729	\$14,936
Purchases	\$25,000	\$25,365	\$25,855	\$26,369	-	\$84,102	\$186,691
Total	\$28,890	\$29,312	\$29,878	\$30,472	-	\$97,189	\$215,741

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

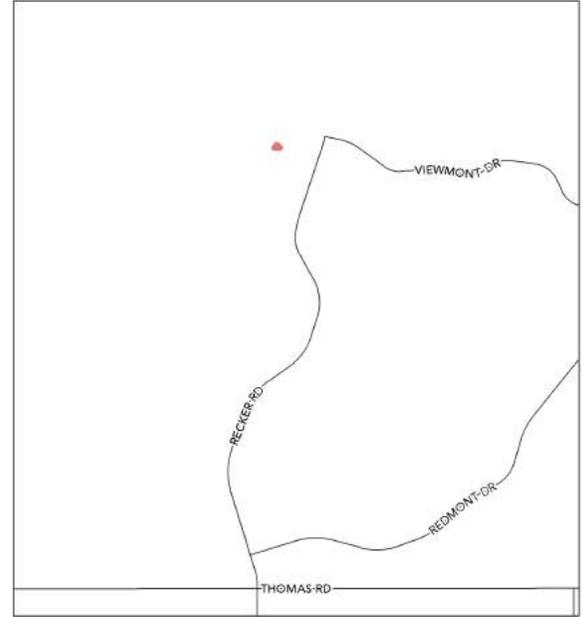
Wastewater Lifecycle

Project Number and Name

CP0042 - Ranier Lift Station and Sulfide Control Station Rehab

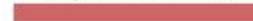
Project Description

Replace the existing pumps, piping, and system controls so that this facility can continue to provide an adequate level of service. The existing Ranier Lift Station was installed in 1990.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$381,909	\$31,592	\$413,501
Total	\$381,909	\$31,592	\$413,501

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,067	-	-	-	-	-	\$2,067
Construction	\$29,525	-	-	-	-	-	\$29,525
Total	\$31,592	-	-	-	-	-	\$31,592

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

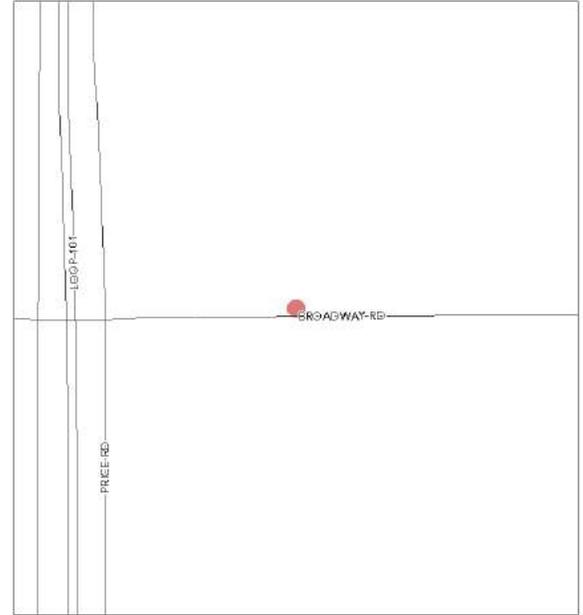
Wastewater Lifecycle

Project Number and Name

C10580 - Rehabilitate Broadway Lift Station

Project Description

Replace the existing pumps and upgrade the facilities to meet current standards. The Broadway Road Lift Station was constructed in 1981 and has reached its useful life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$662,513	\$919,208	\$1,581,721
Total	\$662,513	\$919,208	\$1,581,721

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$60,135	-	-	-	-	-	\$60,135
Construction	\$859,073	-	-	-	-	-	\$859,073
Total	\$919,208	-	-	-	-	-	\$919,208

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

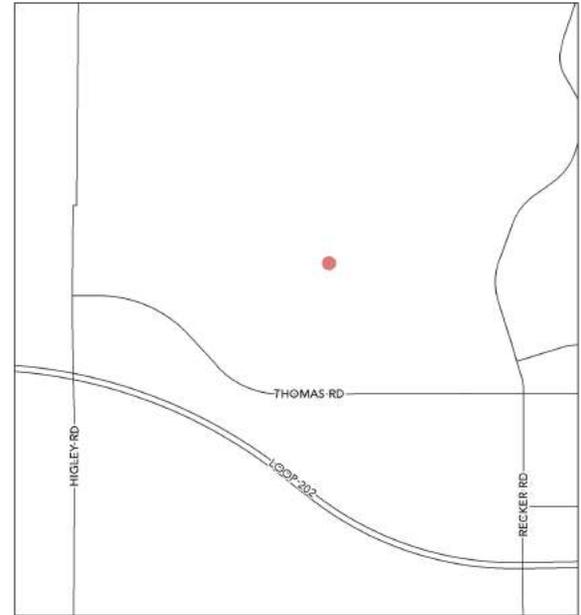
Wastewater Lifecycle

Project Number and Name

CP0389 - Rehabilitate Star Valley Lift Station

Project Description

Replace existing chemical storage tanks, pumps and piping, and existing submersible sewage pumps and motors, replace existing electrical equipment and controls.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,307,410	\$1,307,410
Total	-	\$1,307,410	\$1,307,410

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$5,792	\$79,740	-	-	\$85,532
Construction	-	-	-	\$1,054,760	-	-	\$1,054,760
Design	-	-	\$82,737	-	-	-	\$82,737
Direct Expenses	-	-	-	\$84,381	-	-	\$84,381
Total	-	-	\$88,529	\$1,218,881	-	-	\$1,307,410

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

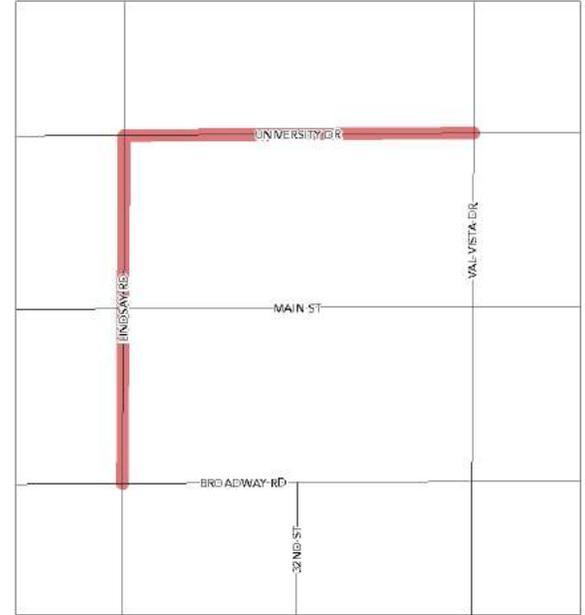
Wastewater Lifecycle

Project Number and Name

CP0383 - Sewer Line Rehabilitation

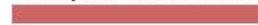
Project Description

Rehabilitate and/or replace defective pipe in the wastewater collection system identified through the wastewater Asset Management Program, to maintain a high level of service.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$18,913,320	\$18,913,320
Total	-	\$18,913,320	\$18,913,320

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$57,042	\$88,141	\$29,621	-	-	\$272,489	\$447,293
Construction	\$1,901,400	\$2,938,028	\$987,351	-	-	\$10,092,210	\$15,918,989
Design	\$152,112	\$235,042	\$78,988	-	-	\$807,377	\$1,273,519
Direct Expenses	\$152,112	\$235,042	\$78,988	-	-	\$807,377	\$1,273,519
Total	\$2,262,666	\$3,496,253	\$1,174,948	-	-	\$11,979,453	\$18,913,320

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

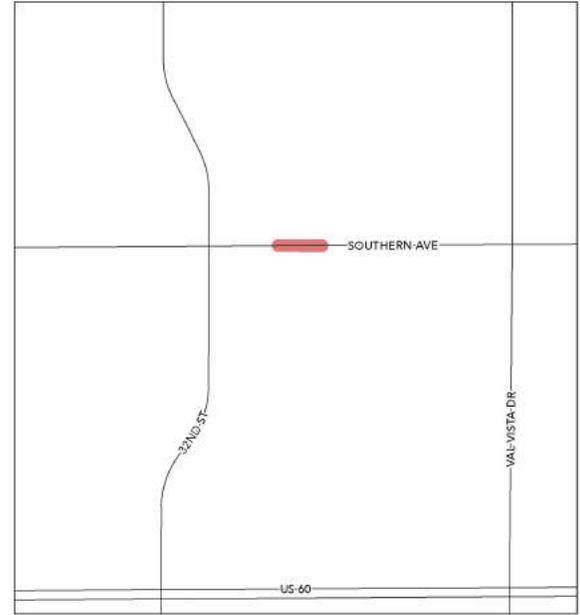
Wastewater Lifecycle

Project Number and Name

CP0142 - Small Wastewater Line Repair/Replacement

Project Description

Replace and/or extend sewer lines throughout the City. These improvements are planned over several fiscal years.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$13,624	\$13,624
Total	-	\$13,624	\$13,624

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$891	-	-	-	-	-	\$891
Construction	\$12,733	-	-	-	-	-	\$12,733
Total	\$13,624	-	-	-	-	-	\$13,624

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

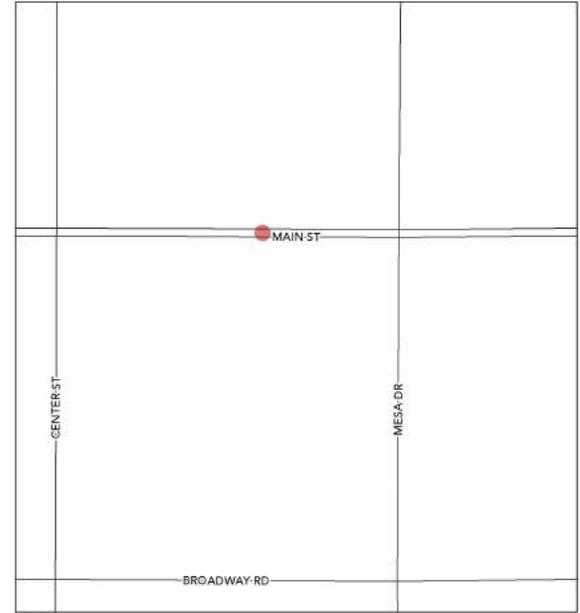
Wastewater Lifecycle

Project Number and Name

CP0327 - Small Wastewater Line Repair/Replacement

Project Description

Replace or repair small wastewater lines that are found to have severe defectives that could lead to potential failure. This work is typically associated with other projects such as roadway improvements and/or water line/gas line replacements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$28,767	\$7,888,394	\$7,917,161
Total	\$28,767	\$7,888,394	\$7,917,161

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$73,151	\$69,460	\$70,801	\$72,209	-	\$230,304	\$515,925
Construction	\$917,021	\$862,410	\$879,070	\$896,546	-	\$2,859,460	\$6,414,507
Design	\$62,105	\$60,876	\$62,052	\$63,286	-	\$201,844	\$450,163
Direct Expenses	\$68,000	\$68,993	\$70,326	\$71,724	-	\$228,756	\$507,799
Total	\$1,120,277	\$1,061,739	\$1,082,249	\$1,103,765	-	\$3,520,364	\$7,888,394

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

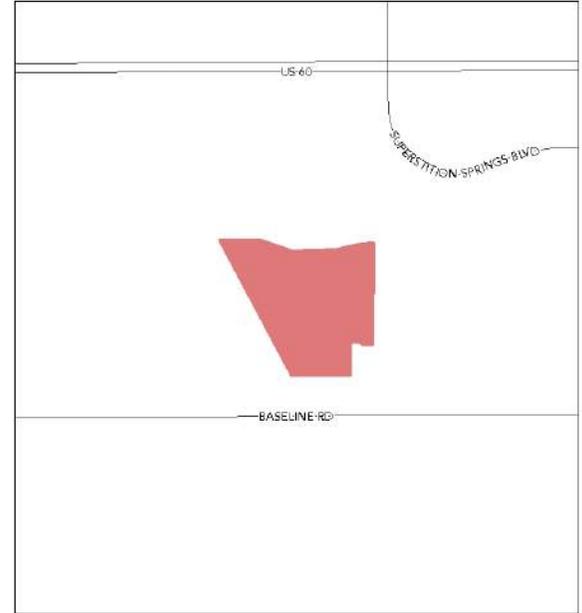
Wastewater Lifecycle

Project Number and Name

C05009 - Southeast Water Reclamation Plant Disinfection

Project Description

Replace the existing ultraviolet disinfection system with a more reliable, energy efficient, chlorine-based system.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$430,519	\$28,335	\$458,854
Total	\$430,519	\$28,335	\$458,854

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$1,854	-	-	-	-	-	\$1,854
Construction	\$26,481	-	-	-	-	-	\$26,481
Total	\$28,335	-	-	-	-	-	\$28,335

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

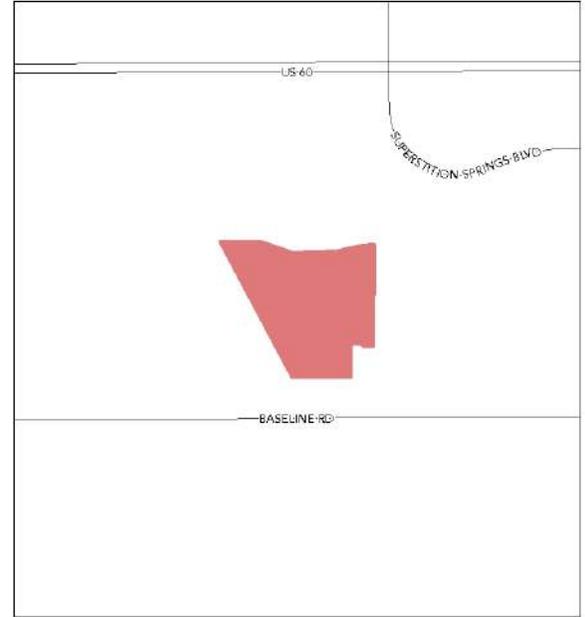
Wastewater Lifecycle

Project Number and Name

CP0331 - Southeast Water Reclamation Equipment Replacement

Project Description

Replace equipment that is no longer functional or has reached its useful life at Southeast Water Reclamation Plant to maintain level of service and insure that the plant can meet its permit requirements.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,011,430	\$1,011,430
Total	-	\$1,011,430	\$1,011,430

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$7,560	\$15,724	\$7,819	\$7,974	-	\$27,091	\$66,168
Direct Expenses	\$8,000	\$16,639	\$8,274	\$8,438	-	\$28,668	\$70,019
Purchases	\$100,000	\$207,993	\$103,420	\$105,476	-	\$358,354	\$875,243
Total	\$115,560	\$240,356	\$119,513	\$121,888	-	\$414,113	\$1,011,430

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

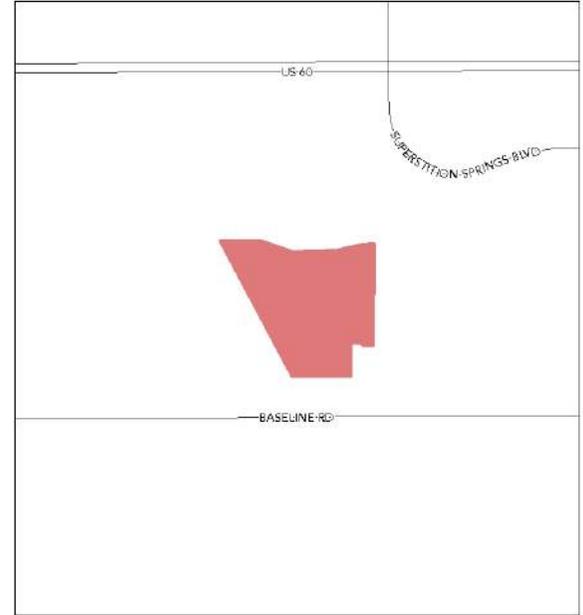
Wastewater Lifecycle

Project Number and Name

C05010 - Southeast Water Reclamation Plant Improvements

Project Description

Improve the ability to measure and control flows into and out of the plant and replace antiquated electrical equipment in the plant's primary switchgear.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$,1,144,625	\$3,854,069	\$4,998,694
Total	\$1,144,625	\$3,854,069	\$4,998,694

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$252,136	-	-	-	-	-	\$252,136
Construction	\$3,548,712	-	-	-	-	-	\$3,548,712
Design	\$53,221	-	-	-	-	-	\$53,221
Total	\$3,854,069	-	-	-	-	-	\$3,854,069

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0381 - Southeast Water Reclamation Misc. Improvements

Project Description

Replace and upgrade aging equipment and make modifications and improvements to existing building space to make it more functional and improve plant operations.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$45,564	\$2,498,291	\$2,543,855
Total	\$45,564	\$2,498,291	\$2,543,855

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$152,085	\$11,506	-	-	-	-	\$163,591
Construction	\$1,882,232	\$152,190	-	-	-	-	\$2,034,422
Design	\$131,039	-	-	-	-	-	\$131,039
Direct Expenses	\$157,064	\$12,175	-	-	-	-	\$169,239
Total	\$2,322,420	\$175,871	-	-	-	-	\$2,498,291

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

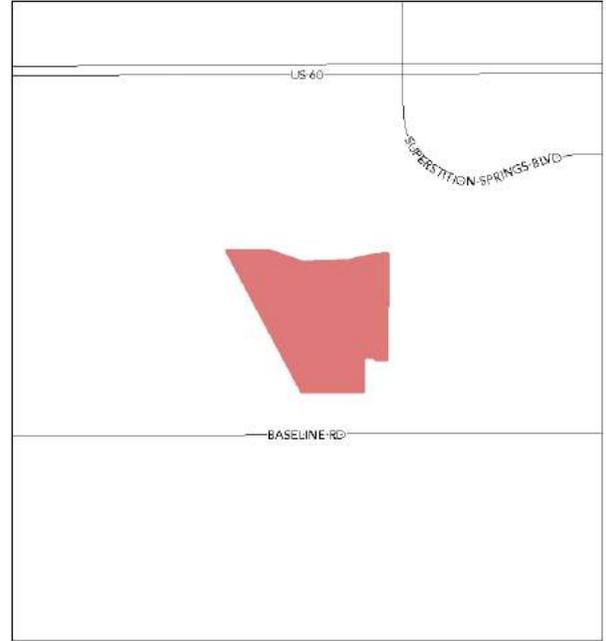
Wastewater Lifecycle

Project Number and Name

CP0380 - Southeast Water Reclamation New Maint. Building

Project Description

Replace and upgrade aging equipment and make modifications and improvements to existing building space to make it more functional and improve plant operations.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$148,861	\$252,780	\$401,641
Total	\$148,861	\$252,780	\$401,641

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$16,710	-	-	-	-	-	\$16,710
Construction	\$201,652	-	-	-	-	-	\$201,652
Design	\$32,431	-	-	-	-	-	\$32,431
Direct Expenses	\$1,987	-	-	-	-	-	\$1,987
Total	\$252,780	-	-	-	-	-	\$252,780

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

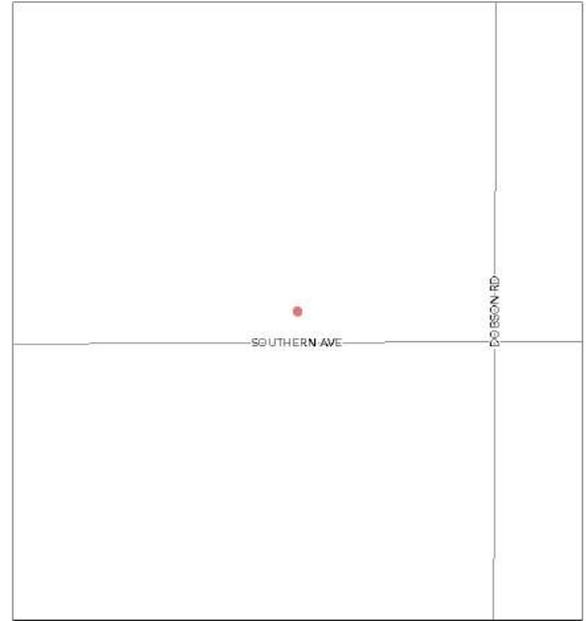
Wastewater Lifecycle

Project Number and Name

C10582 - Southern Avenue Metering Station Electrical Rehab

Project Description

Replace corroded equipment to extend the useful life of this facility. The Southern Avenue Metering Station was installed in 1964 and the electrical conduit, fixtures, and panels within the structure have corroded due to sewer gasses.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$9,604	\$71,133	\$80,737
Total	\$9,604	\$71,133	\$80,737

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$4,653	-	-	-	-	-	\$4,653
Construction	\$59,573	-	-	-	-	-	\$59,573
Design	\$6,907	-	-	-	-	-	\$6,907
Total	\$71,133	-	-	-	-	-	\$71,133

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0148 - Wastewater Asset Management

Project Description

Purchase and install a wastewater asset management system. This system will provide accurate and efficient methods to track condition assessment, repair, replacement and maintenance history of wells, pumps, motors, electrical components and reservoirs.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$40,858	\$2,149,408	\$2,190,266
Total	\$40,858	\$2,149,408	\$2,190,266

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,830	\$19,105	\$19,474	\$19,861	-	\$63,345	\$140,615
Design	\$269,000	\$272,927	\$278,200	\$283,730	-	\$904,936	\$2,008,793
Total	\$287,830	\$292,032	\$297,674	\$303,591	-	\$968,281	\$2,149,408

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Wastewater Lifecycle

Project Number and Name

CP0140 - Wastewater Manhole Rehabilitation

Project Description

Rehabilitate wastewater manholes throughout the City. Sewer gases are very corrosive and can destroy a manhole. This degradation can take years, but the destruction of the manhole will occur if measures are not undertaken for prevention.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$604,823	\$5,945,283	\$6,550,106
Total	\$604,823	\$5,945,283	\$6,550,106

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$62,825	\$51,159	\$52,147	\$53,184	-	\$169,627	\$388,942
Construction	\$814,825	\$653,225	\$665,844	\$679,081	-	\$2,165,872	\$4,978,847
Design	\$25,000	\$25,365	\$25,855	\$26,369	-	\$84,102	\$186,691
Direct Expenses	\$57,681	\$52,258	\$53,268	\$54,326	-	\$173,270	\$390,803
Total	\$960,331	\$782,007	\$797,114	\$812,960	-	\$2,592,871	\$5,945,283

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Contractual Obligations

Project Number and Name

C10597 - Val Vista Pipelines to City Zone Reservoirs

Project Description

Construct three water transmission mains to transfer water from the plant to the City Zone pump stations. Mesa will separate its flow, construct its own mains to serve its pump stations.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$15,773,504	\$34,717,732	\$50,491,236
Total	\$15,773,504	\$34,717,732	\$50,491,236

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$16,634,073	\$219,840	-	-	-	-	\$16,853,913
Construction	\$10,182,546	\$4,353,279	-	-	-	-	\$14,535,825
Design	\$1,339,219	-	-	-	-	-	\$1,339,219
Direct Expenses	\$1,308,039	\$43,532	-	-	-	-	\$1,351,571
Land Acquisition	\$637,204	-	-	-	-	-	\$637,204
Total	\$30,101,081	\$4,616,651	-	-	-	-	\$34,717,732

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

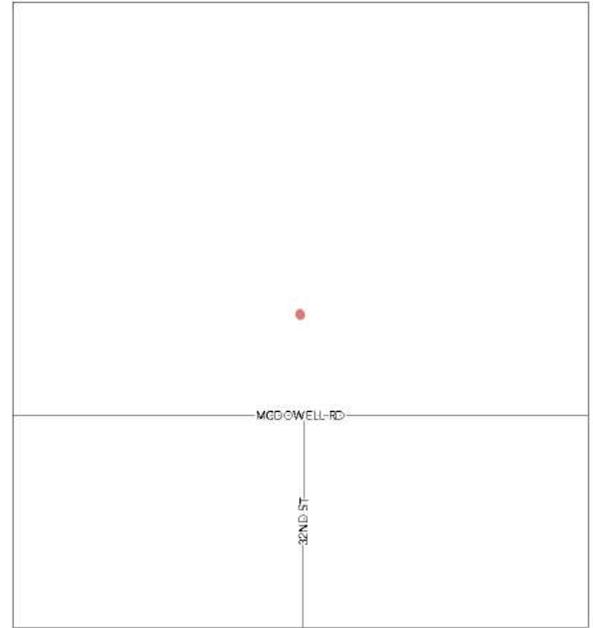
Water Contractual Obligations

Project Number and Name

C10319 - Val Vista Water Treatment Plant - Mesa Share

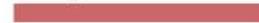
Project Description

Fund the city's portion of the operations and maintenance cost of the Val Vista Water Treatment Plant per the Intergovernmental Agreement with the City of Phoenix.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$413,493	\$35,363,889	\$35,777,382
Total	\$413,493	\$35,363,889	\$35,777,382

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$215,324	\$245,051	\$76,511	\$155,492	\$322,410	\$669,208	\$1,683,996
Mesa Share	\$4,306,473	\$4,901,015	\$1,530,217	\$3,109,838	\$6,448,200	\$13,384,150	\$33,679,893
Total	\$4,521,797	\$5,146,066	\$1,606,728	\$3,265,330	\$6,770,610	\$14,053,358	\$35,363,889

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Contractual Obligations

Project Number and Name

C09011 - White Mountain Apache Water Settlement

Project Description

Provides funding for a settlement regarding the legal and physical access to water from the Salt River watershed. Mesa will lease high priority Central Arizona Project water and lower priority Central Arizona Project water.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$7,959,588	\$7,959,588
Total	-	\$7,959,588	\$7,959,588

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$187,701	\$191,327	-	-	-	\$379,028
Purchases	-	\$3,754,020	\$3,826,540	-	-	-	\$7,580,560
Total	-	\$3,941,721	\$4,017,867	-	-	-	\$7,959,588

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Customer Demand Citywide

Project Number and Name

CP0255 - Medina & Hawes Street Improvements

Project Description

Construct half-street improvements adjacent to Desert Well No. 6 and Desert Well No. 7.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	\$29,974	\$31,001	\$60,975
Water Bond Construction	\$759,121	\$119,894	\$879,015
Total	\$789,095	\$150,895	\$939,990

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$6,328	-	-	-	-	-	\$6,328
Construction	\$135,567	-	-	-	-	-	\$135,567
Direct Expenses	\$9,000	-	-	-	-	-	\$9,000
Total	\$150,895	-	-	-	-	-	\$150,895

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

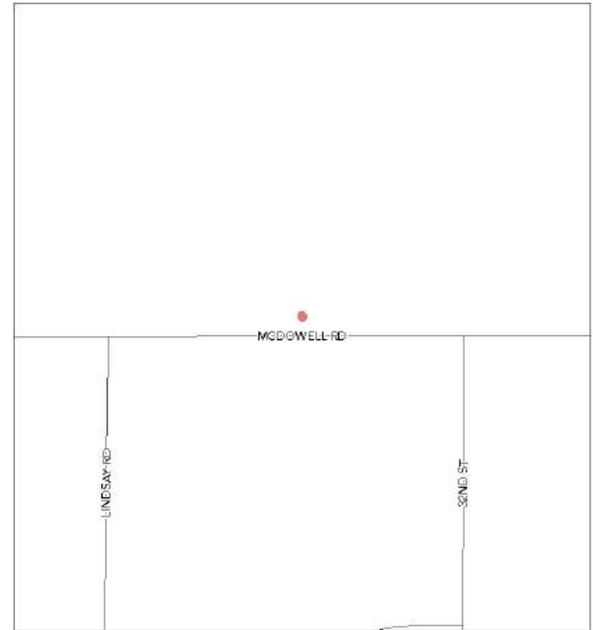
Water Customer Demand Citywide

Project Number and Name

C10392 - Transfer Station 3 Improvements

Project Description

Expand transfer capacity of Transfer Station 3 to meet projected water demands. During a Central Arizona Project canal outage on-project to off-project transfer capacity at Transfer Station 3 needs to be expanded.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$8,834	\$7,216,022	\$7,224,856
Total	\$8,834	\$7,216,022	\$7,224,856

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$26,983	\$319,607	-	-	-	-	\$346,590
Construction	-	\$6,328,856	-	-	-	-	\$6,328,856
Design	\$477,287	-	-	-	-	-	\$477,287
Direct Expenses	-	\$63,289	-	-	-	-	\$63,289
Total	\$504,270	\$6,711,752	-	-	-	-	\$7,216,022

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

C10413 - Ellsworth Road; SR 24 to Pecos Rd.

Project Description

Construct a waterline within the extents of the State Route 24 corridor.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,624,507	\$3,624,507
Total	-	\$3,624,507	\$3,624,507

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,434	\$160,162	-	-	-	-	\$172,596
Construction	-	\$3,171,515	-	-	-	-	\$3,171,515
Design	\$248,681	-	-	-	-	-	\$248,681
Direct Expenses	-	\$31,715	-	-	-	-	\$31,715
Total	\$261,115	\$3,363,392	-	-	-	-	\$3,624,507

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

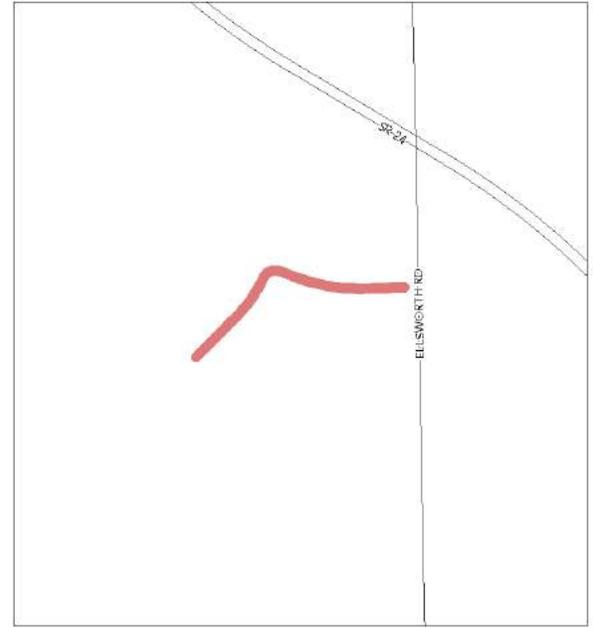
Water Customer Demand SE Mesa

Project Number and Name

CP0252 - Grand Canyon Drive and Silver Street Waterline

Project Description

Install new water infrastructure at the Phoenix-Mesa Gateway Airport. This infrastructure is part of Northeast Area Development Plan.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$555,682	\$555,682
Water Bond Construction	-	\$497,331	\$497,331
Total	-	\$1,053,013	\$1,053,013

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$8,493	\$51,543	-	-	-	\$60,036
Construction	-	-	\$814,808	-	-	-	\$814,808
Design	-	\$141,030	-	-	-	-	\$141,030
Direct Expenses	-	-	\$37,139	-	-	-	\$37,139
Total	-	\$149,523	\$903,490	-	-	-	\$1,053,013

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

CP0254 - Mustang Street Waterline

Project Description

Install new water infrastructure at the Phoenix-Mesa Gateway Airport. This infrastructure is part of Northeast Area Development Plan.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$410,584	\$410,584
Water Bond Construction	-	\$507,177	\$507,177
Total	-	\$917,761	\$917,761

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$7,280	\$43,731	-	-	\$51,011
Construction	-	-	-	\$714,119	-	-	\$714,119
Design	-	-	\$124,104	-	-	-	\$124,104
Direct Expenses	-	-	-	\$28,527	-	-	\$28,527
Total	-	-	\$131,384	\$786,377	-	-	\$917,761

Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Customer Demand SE Mesa

Project Number and Name

CP0066 - Non-Potable Well for Southeast Mesa

Project Description

The non-potable water master plan for Eastmark identified the need to drill and equip a well for raw water to serve the irrigation needs of the Great park and the Gaylord Resort when there is a CAP canal dry up.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,488,229	\$2,488,229
Total	-	\$2,488,229	\$2,488,229

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$2,674	\$58,763	\$57,051	-	-	-	\$118,488
Construction	-	\$1,112,182	\$1,129,715	-	-	-	\$2,241,897
Design	\$53,472	\$51,952	-	-	-	-	\$105,424
Direct Expenses	-	\$11,122	\$11,298	-	-	-	\$22,420
Total	\$56,146	\$1,234,019	\$1,198,064	-	-	-	\$2,488,229

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

CP0358 - Phx Mesa Gateway Airport NE Area Development Plan Waterline

Project Description

Construct new waterlines to expand the water distribution system in the Phoenix-Mesa Gateway Airport region to support increased development and water demands.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,966,639	\$1,966,639
Total	-	\$1,966,639	\$1,966,639

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$83,907	-	-	-	-	\$83,907
Construction	-	\$1,586,834	-	-	-	-	\$1,586,834
Design	-	\$280,030	-	-	-	-	\$280,030
Direct Expenses	-	\$15,868	-	-	-	-	\$15,868
Total	-	\$1,966,639	-	-	-	-	\$1,966,639

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

C09009 - Signal Butte Waterline; Ray Road to Williams Field

Project Description

This waterline provides significant hydraulic benefit and redundancy for service to properties. This line also meets peak day/peak hour demands that would otherwise have to be met by turning on localized wells.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$78,768	\$2,575,676	\$2,654,444
Total	\$78,768	\$2,575,676	\$2,654,444

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$11,000	\$111,652	-	-	-	-	\$122,652
Construction	-	\$2,210,915	-	-	-	-	\$2,210,915
Design	\$220,000	-	-	-	-	-	\$220,000
Direct Expenses	-	\$22,109	-	-	-	-	\$22,109
Total	\$231,000	\$2,344,676	-	-	-	-	\$2,575,676

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

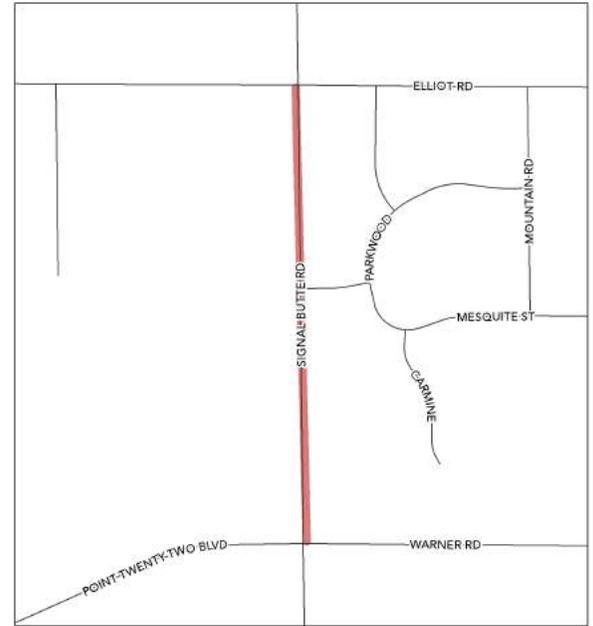
Water Customer Demand SE Mesa

Project Number and Name

C04053 - Signal Butte Waterline; Reuban Street to Warner Road

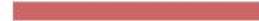
Project Description

Due to projected development in this area, this project will install a waterline on Signal Butte for additional transmission capacity from the South CAP Water Treatment Plant. This project is funded with utility revenue bonds within current authorization.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,412,255	\$1,412,255
Total	-	\$1,412,255	\$1,412,255

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$67,250	-	-	-	\$67,250
Construction	-	-	\$1,331,688	-	-	-	\$1,331,688
Direct Expenses	-	-	\$13,317	-	-	-	\$13,317
Total	-	-	\$1,412,255	-	-	-	\$1,412,255

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

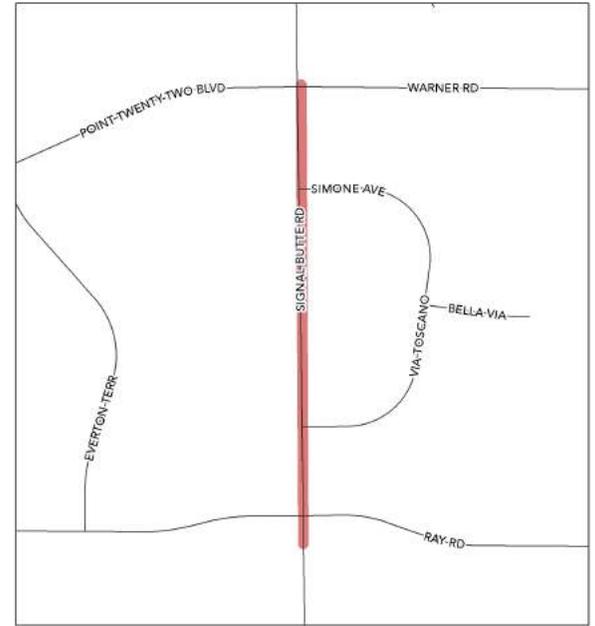
Water Customer Demand SE Mesa

Project Number and Name

C10408 - Signal Butte Waterline; Warner to Ray

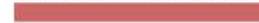
Project Description

Construction of this waterline is required to support development within Mesa Proving Grounds and the southern Desert Wells water service zone. This waterline will connect to a 30-inch waterline at Warner Road to be constructed in Phase 1 and extend south.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,146,850	\$3,146,850
Total	-	\$3,146,850	\$3,146,850

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$149,850	-	-	-	-	-	\$149,850
Construction	\$2,700,000	-	-	-	-	-	\$2,700,000
Design	\$270,000	-	-	-	-	-	\$270,000
Direct Expenses	\$27,000	-	-	-	-	-	\$27,000
Total	\$3,146,850	-	-	-	-	-	\$3,146,850

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

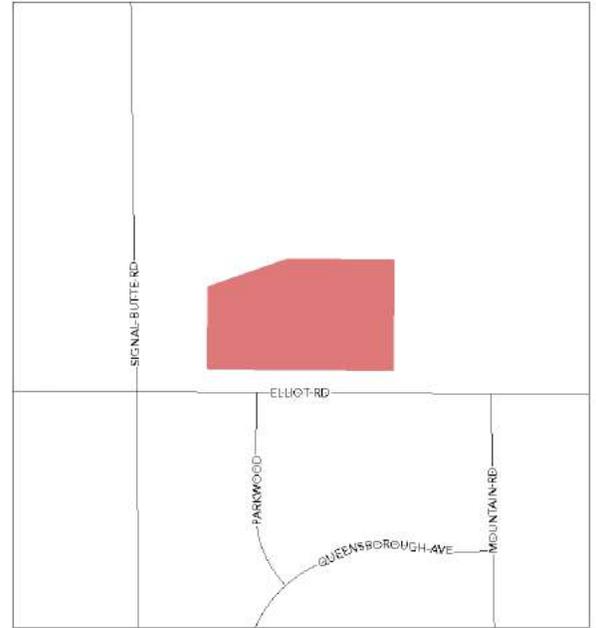
Water Customer Demand SE Mesa

Project Number and Name

C01600 - Signal Butte Water Treatment Plant

Project Description

Construct the first phase with a water treatment capacity of 24 MGD to serve Southeast Mesa. Treated water will flow into an existing finished water reservoir and pump station.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$2,463,402	\$127,623,153	\$130,086,555
Total	\$2,463,402	\$127,623,153	\$130,086,555

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$446,381	\$3,081,137	\$2,548,786	-	-	-	\$6,076,304
Construction	-	\$56,685,702	\$46,776,866	-	-	-	\$103,462,568
Design	\$7,523,385	\$4,403,364	\$3,743,804	-	-	-	\$15,670,553
Direct Expenses	\$1,425,000	\$533,680	\$455,048	-	-	-	\$2,413,728
Total	\$9,394,766	\$64,703,883	\$53,524,504	-	-	-	\$127,623,153

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

CP0253 - Southeast Loop Road Waterline

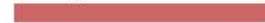
Project Description

Install new water infrastructure at the Phoenix-Mesa Gateway Airport. This infrastructure is part of Northeast Area Development Plan.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$644,206	\$644,206
Water Bond Construction	-	\$406,896	\$406,896
Total	-	\$1,051,102	\$1,051,102

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$8,736	\$52,785	-	-	-	\$61,521
Construction	-	-	\$806,917	-	-	-	\$806,917
Design	-	\$141,030	-	-	-	-	\$141,030
Direct Expenses	-	-	\$41,634	-	-	-	\$41,634
Total	-	\$149,766	\$901,336	-	-	-	\$1,051,102

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

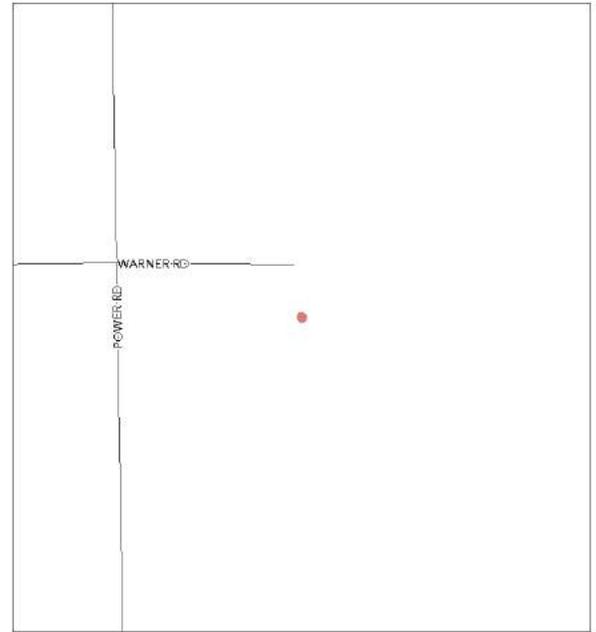
Water Customer Demand SE Mesa

Project Number and Name

C05007 - Warner Lift Station Modifications

Project Description

Install a new force main to the East Mesa Interceptor and replace the existing pumps which will considerably reduce the operating cost of this lift station.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,338	\$689,250	\$690,588
Water Bond Construction	\$274	\$196,362	\$196,636
Total	\$1,612	\$885,612	\$887,224

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$65,020	-	-	-	-	-	\$65,020
Construction	\$765,863	-	-	-	-	-	\$765,863
Design	\$52,107	-	-	-	-	-	\$52,107
Land Acquisition	\$2,622	-	-	-	-	-	\$2,622
Total	\$885,612	-	-	-	-	-	\$885,612

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

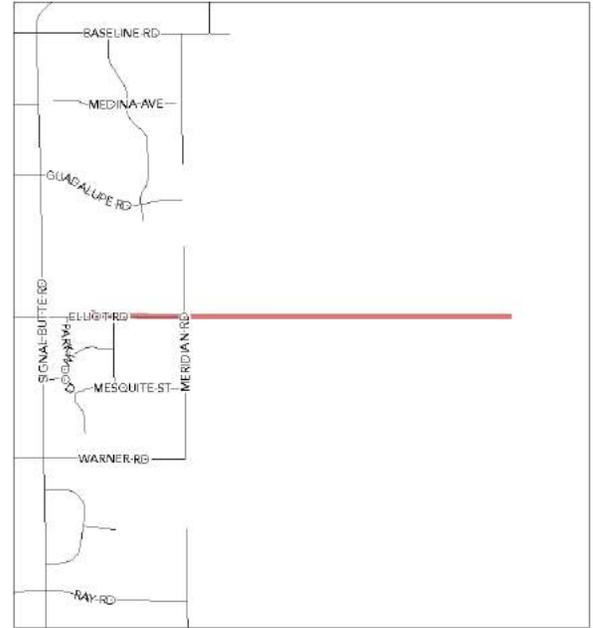
Water Customer Demand SE Mesa

Project Number and Name

C01645 - Waterline from CAP Canal to Signal Butte WTP

Project Description

Due to growth of the city in the southeast area a new water plant is needed. There is also an agreement with RWCD to transport water from the CAP canal to their irrigation canal at Signal Butte and Elliot. This water line will be approximately 3 miles.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$1,713	\$10,736,102	\$10,737,815
Total	\$1,713	\$10,736,102	\$10,737,815

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$121,326	\$389,917	-	-	-	-	\$511,243
Construction	\$1,820,528	\$7,388,433	-	-	-	-	\$9,208,961
Design	\$505,000	-	-	-	-	-	\$505,000
Direct Expenses	\$101,000	\$409,898	-	-	-	-	\$510,898
Total	\$2,547,854	\$8,188,248	-	-	-	-	\$10,736,102

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

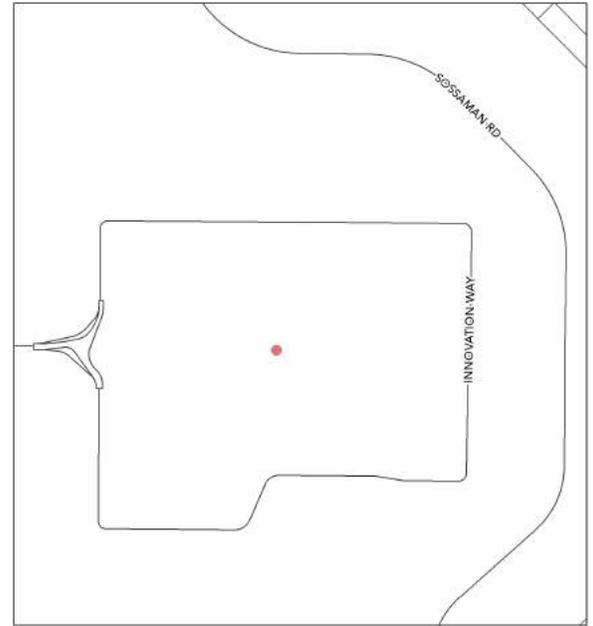
Water Customer Demand SE Mesa

Project Number and Name

C06010 - Water and Wastewater Improvements for ASU Polytechnic

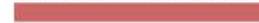
Project Description

Provide necessary water and wastewater infrastructure improvements to handle project flows from the ASU Polytechnic Campus and to maintain service reliability in the area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Construction Water Bond	\$285,147	\$2,018,145	\$2,303,292
Construction	\$414,854	\$784,235	\$1,199,089
Total	\$700,001	\$2,802,380	\$3,502,381

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$68,537	-	-	-	-	-	\$68,537
Construction	\$2,587,997	-	-	-	-	-	\$2,587,997
Direct Expenses	\$145,846	-	-	-	-	-	\$145,846
Total	\$2,802,380	-	-	-	-	-	\$2,802,380

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

CP0244 - Well Collection Line from DWF7 to Pecos

Project Description

Install pipe along or near the Crismon Road alignment from Pecos Road to the north to convey groundwater from the above well site. This infrastructure is needed to support regional water demands per the 2012 Water Master Plan Update.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,277,484	\$1,277,484
Total	-	\$1,277,484	\$1,277,484

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$3,482	\$57,351	-	-	-	\$60,833
Construction	-	-	\$1,135,660	-	-	-	\$1,135,660
Design	-	\$69,634	-	-	-	-	\$69,634
Direct Expenses	-	-	\$11,357	-	-	-	\$11,357
Total	-	\$73,116	\$1,204,368	-	-	-	\$1,277,484

**Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Customer Demand SE Mesa

Project Number and Name

CP0245 - Well Collection Line from DWF8 to DWF7

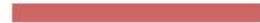
Project Description

Install pipe along or near the Crismon Road alignment from Williams Field Road to the south to convey groundwater from the above well sites. This infrastructure is needed to support regional water demands per the 2012 Water Master Plan Update.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,277,484	\$1,277,484
Total	-	\$1,277,484	\$1,277,484

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$3,482	\$57,351	-	-	-	\$60,833
Construction	-	-	\$1,135,660	-	-	-	\$1,135,660
Design	-	\$69,634	-	-	-	-	\$69,634
Direct Expenses	-	-	\$11,357	-	-	-	\$11,357
Total	-	\$73,116	\$1,204,368	-	-	-	\$1,277,484

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C07011 - Brown Road Water Treatment Plant Misc. Improvements

Project Description

Fund various improvements to decrease plant failure rates. Known issues include unreliable operation of the chlorine feed system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$88,792	\$6,710,962	\$6,799,754
Total	\$88,792	\$6,710,962	\$6,799,754

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$112,859	\$32,024	-	-	-	\$174,646	\$319,529
Construction	\$2,156,000	\$634,125	-	-	-	\$3,327,210	\$6,117,335
Design	\$80,500	-	-	-	-	\$132,425	\$212,925
Direct Expenses	\$21,560	\$6,341	-	-	-	\$33,272	\$61,173
Total	\$2,370,919	\$672,490	-	-	-	\$3,667,553	\$6,710,962

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

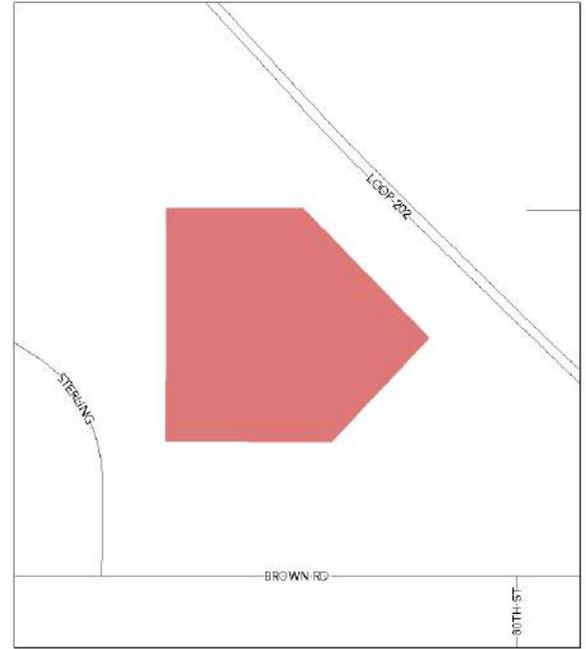
Water Lifecycle

Project Number and Name

CP0034 - Brown Rd Water Reatment Plant Pump Surge Mitigation

Project Description

Conduct a surge analysis to ensure recent capacity additions are not causing pressure issues. As part of the surge analysis the consultant will recommend any improvements or operational changes necessary.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$92,115	\$3,246,992	\$3,339,107
Total	\$92,115	\$3,246,992	\$3,339,107

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$115,561	-	-	-	-	-	\$115,561
Construction	\$2,970,720	-	-	-	-	-	\$2,970,720
Design	\$131,702	-	-	-	-	-	\$131,702
Direct Expenses	\$29,009	-	-	-	-	-	\$29,009
Total	\$3,246,992	-	-	-	-	-	\$3,246,992

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

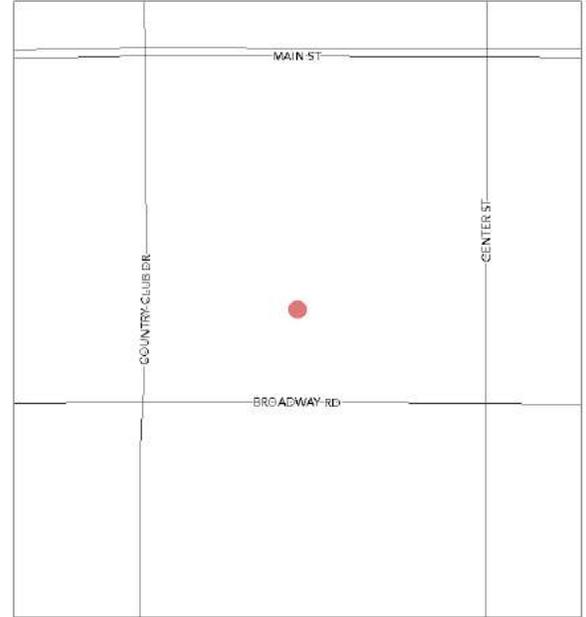
Water Lifecycle

Project Number and Name

CP0020 - City Well #10 Collection Pipeline

Project Description

Extend a new discharge water main up to City Well 10 to increase well production and water pressures in the area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$20,292	\$185,543	\$205,835
Total	\$20,292	\$185,543	\$205,835

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$7,166	-	-	-	-	-	\$7,166
Construction	\$165,500	-	-	-	-	-	\$165,500
Design	\$12,877	-	-	-	-	-	\$12,877
Total	\$185,543	-	-	-	-	-	\$185,543

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

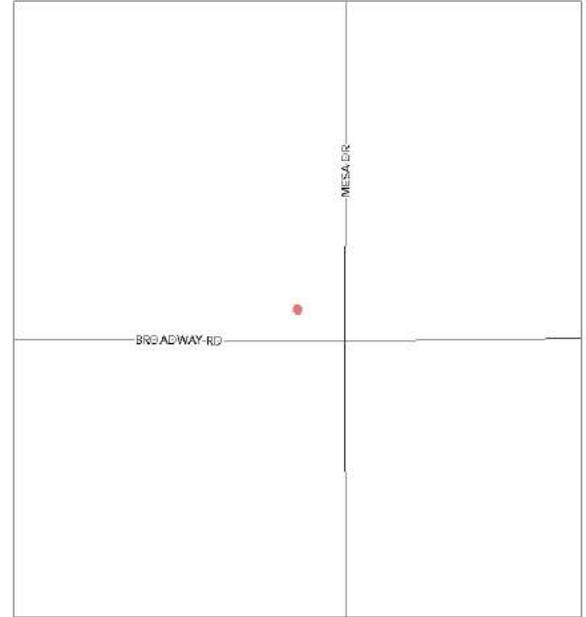
Water Lifecycle

Project Number and Name

CP0025 - City Well #13 Re-drill

Project Description

Re-drill the well next to its current location. City Well #13 was drilled in 1961 and is at the end of its useful service life.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,697,747	\$2,697,747
Total	-	\$2,697,747	\$2,697,747

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$2,586	\$63,846	\$62,034	-	\$128,466
Construction	-	-	-	\$1,156,205	\$1,228,382	-	\$2,384,587
Design	-	-	\$51,710	\$109,138	-	-	\$160,848
Direct Expenses	-	-	-	\$11,562	\$12,284	-	\$23,846
Total	-	-	\$54,296	\$1,340,751	\$1,302,700	-	\$2,697,747

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

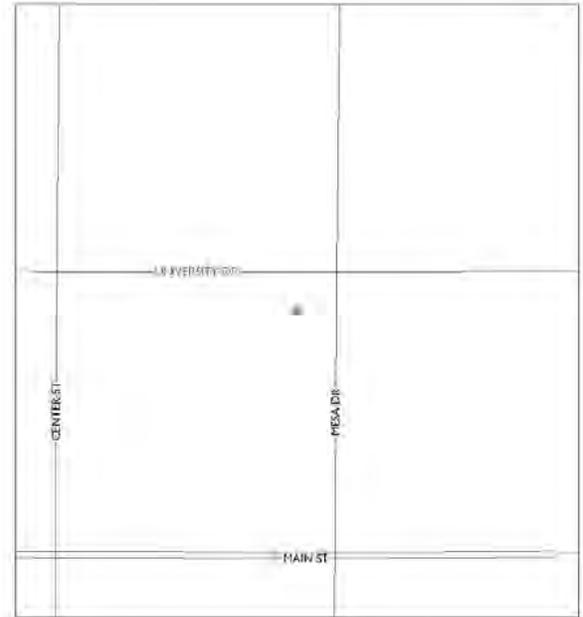
Water Lifecycle

Project Number and Name

C10474 - City Well #7 Re-drill

Project Description

Re-drill the well in a new location. City Well 7 was drilled in 1953 and is at the end of its useful service life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$32,682	\$2,253,839	\$2,286,521
Total	\$32,682	\$2,253,839	\$2,286,521

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$48,761	\$58,565	-	-	-	-	\$107,326
Construction	\$950,000	\$1,159,688	-	-	-	-	\$2,109,688
Design	\$25,228	-	-	-	-	-	\$25,228
Direct Expenses	-	\$11,597	-	-	-	-	\$11,597
Total	\$1,023,989	\$1,229,850	-	-	-	-	\$2,253,839

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

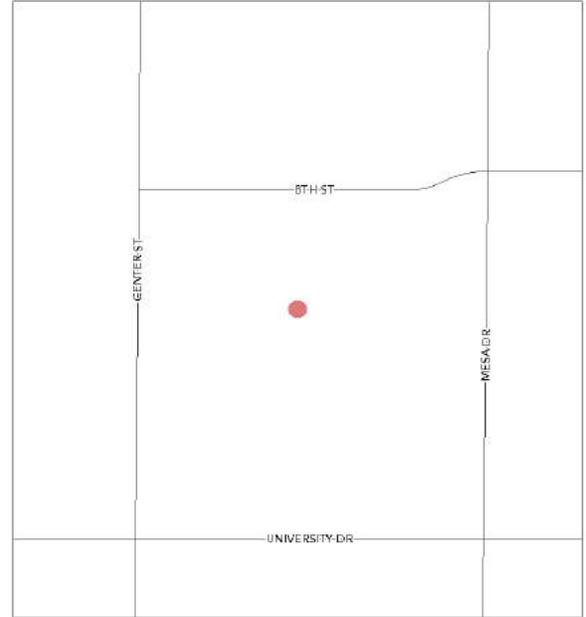
Water Lifecycle

Project Number and Name

CP0031 - City Well #8 Re-drill

Project Description

Re-drill the well next to its current location. City Well 8 was drilled in 1953 and is at the end of its useful service life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$36,951	\$2,404,862	\$2,441,813
Total	\$36,951	\$2,404,862	\$2,441,813

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$55,953	\$58,565	-	-	-	-	\$114,518
Construction	\$1,096,178	\$1,159,688	-	-	-	-	\$2,255,866
Design	\$22,881	-	-	-	-	-	\$22,881
Direct Expenses	-	\$11,597	-	-	-	-	\$11,597
Total	\$1,175,012	\$1,229,850	-	-	-	-	\$2,404,862

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

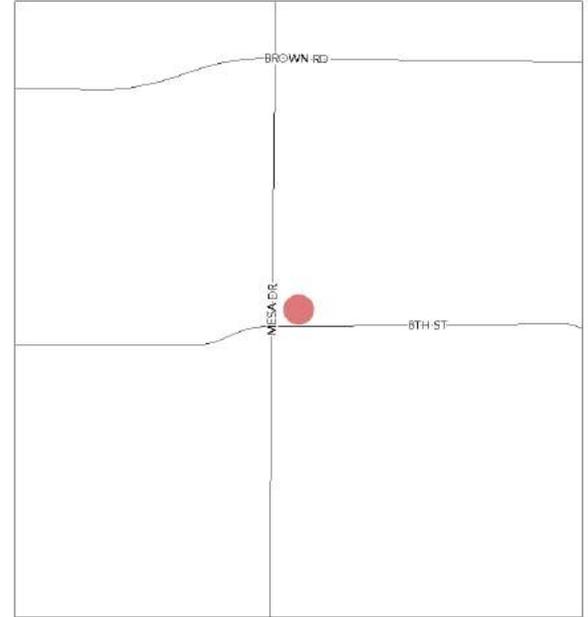
Water Lifecycle

Project Number and Name

CP0032 - City Well #9 Re-drill

Project Description

Re-drill the well next to its current location. City Well #9 was drilled in 1956 and is at the end of its useful service life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,592,118	\$2,592,118
Total	-	\$2,592,118	\$2,592,118

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$2,537	\$60,016	\$60,883	-	-	\$123,436
Construction	-	-	\$1,133,667	\$1,205,591	-	-	\$2,339,258
Design	-	\$50,730	\$55,301	-	-	-	\$106,031
Direct Expenses	-	-	\$11,337	\$12,056	-	-	\$23,393
Total	-	\$53,267	\$1,260,321	\$1,278,530	-	-	\$2,592,118

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

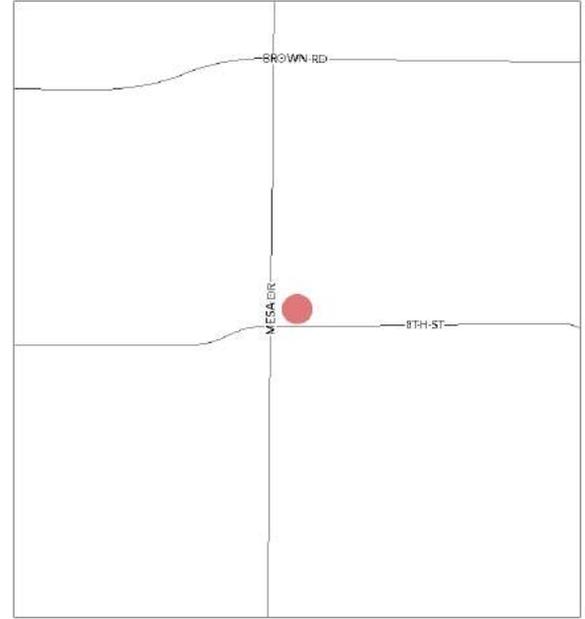
Water Lifecycle

Project Number and Name

CP0511 - City Well #9 Improvements

Project Description

Relocate the well to waste waterline and the entrance gate to the well site in anticipation of the Porter Park Pathway Project that runs just north of the well site.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$14,031	\$61,329	\$75,360
Total	\$14,031	\$61,329	\$75,360

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,090	-	-	-	-	-	\$3,090
Construction	\$57,527	-	-	-	-	-	\$57,527
Design	\$712	-	-	-	-	-	\$712
Total	\$61,329	-	-	-	-	-	\$61,329

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

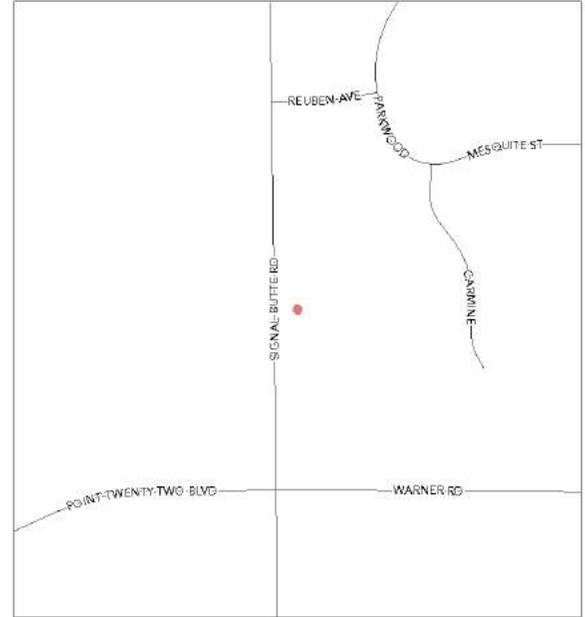
Water Lifecycle

Project Number and Name

C03080 - Desert Well #18 Equip

Project Description

Acquire, drill, and equip a new well site to augment the surface water supply. The Falcon Field reservoir 1 cannot be kept full and the flow rate from the Central Arizona Project reservoir to the Falcon Field zone is limited by existing infrastructure.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$21,858	\$1,197,071	\$1,218,929
Total	\$21,858	\$1,197,071	\$1,218,929

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$57,244	-	-	-	-	-	\$57,244
Construction	\$1,064,663	-	-	-	-	-	\$1,064,663
Design	\$4,825	-	-	-	-	-	\$4,825
Direct Expenses	\$70,339	-	-	-	-	-	\$70,339
Total	\$1,197,071	-	-	-	-	-	\$1,197,071

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C05032 - Desert Well #19

Project Description

Provide a backup water supply for Desert Well #19, located at Signal Butte Road, south of Elliot in the event of CAP canal outages and peaking reliability in the Southeast area of Mesa. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$4,108	\$2,412,065	\$2,416,173
Total	\$4,108	\$2,412,065	\$2,416,173

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$114,872	-	-	-	-	-	\$114,872
Construction	\$2,218,068	-	-	-	-	-	\$2,218,068
Design	\$56,944	-	-	-	-	-	\$56,944
Direct Expenses	\$22,181	-	-	-	-	-	\$22,181
Total	\$2,412,065	-	-	-	-	-	\$2,412,065

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

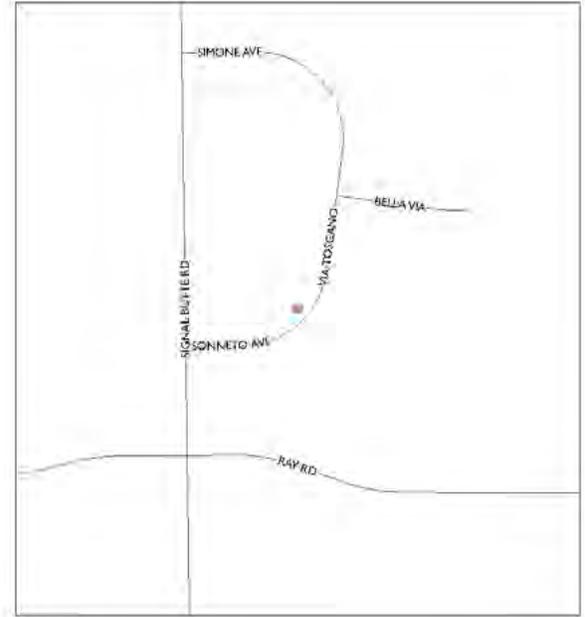
Water Lifecycle

Project Number and Name

C05033 - Desert Well #20 Drill and Equip

Project Description

Provide a backup water supply for Desert Well 20. The 2004 Water Master Plan identified the need for adding six new wells that would feed into the new South Central Arizona Project reservoir and pump stations.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$3,706	\$1,198,450	\$1,202,156
Total	\$3,706	\$1,198,450	\$1,202,156

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$28,328	\$28,741	-	-	-	-	\$57,069
Construction	\$560,945	\$569,135	-	-	-	-	\$1,130,080
Direct Expenses	\$5,609	\$5,692	-	-	-	-	\$11,301
Total	\$594,882	\$603,568	-	-	-	-	\$1,198,450

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C04048 - Desert Wells Zone Well Site Acquisition

Project Description

Fund land acquisition, design, and construction of additional well sites needed in the Desert Wells zone. These improvements are planned over several fiscal years.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,675,355	\$1,675,355
Total	-	\$1,675,355	\$1,675,355

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,492	-	\$12,928	\$13,185	\$13,434	\$27,733	\$79,772
Construction	-	-	-	-	-	\$554,668	\$554,668
Land Acquisition	\$250,000	-	\$258,550	\$263,690	\$268,675	-	\$1,040,915
Total	\$262,492	-	\$271,478	\$276,875	\$282,109	\$582,401	\$1,675,355

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C10395 - DMB Well #1; Crismon between Elliot and Warner (DW-F1)

Project Description

This project will be done in two phases, drilling and equipping. After the well is drilled the City will determine whether it is appropriate to move forward with equipment installation, based on water production, drawdown, and water quality.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,622,654	\$2,622,654
Total	-	\$2,622,654	\$2,622,654

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$2,792	\$61,209	\$60,887	-	\$124,888
Construction	-	-	-	\$1,156,205	\$1,205,695	-	\$2,361,900
Design	-	-	\$55,847	\$56,400	-	-	\$112,247
Direct Expenses	-	-	-	\$11,562	\$12,057	-	\$23,619
Total	-	-	\$58,639	\$1,285,376	\$1,278,639	-	\$2,622,654

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C10403 - DMB Well #2; Crismon at Warner Road

Project Description

This project will be done in two phases, drilling and equipping. After the well is drilled the City will determine whether it is appropriate to move forward with equipment installation, based on water production, drawdown, and water quality.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,618,311	\$2,618,311
Total	-	\$2,618,311	\$2,618,311

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	\$2,586	\$61,209	\$60,887	-	\$124,682
Construction	-	-	-	\$1,156,205	\$1,205,695	-	\$2,361,900
Design	-	-	\$51,710	\$56,400	-	-	\$108,110
Direct Expenses	-	-	-	\$11,562	\$12,057	-	\$23,619
Total	-	-	\$54,296	\$1,285,376	\$1,278,639	-	\$2,618,311

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

CP0054 - Elliot Road Waterline; Hawes to Sossaman Road

Project Description

Install a water transmission main to move water from the South Central Arizona Project transmission main west and to lines connecting north and south.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$11,407	\$3,131,955	\$3,143,362
Total	\$11,407	\$3,131,955	\$3,143,362

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,800	\$138,341	-	-	-	-	\$149,141
Construction	-	\$2,739,420	-	-	-	-	\$2,739,420
Design	\$216,000	-	-	-	-	-	\$216,000
Direct Expenses	-	\$27,394	-	-	-	-	\$27,394
Total	\$226,800	\$2,905,155	-	-	-	-	\$3,131,955

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

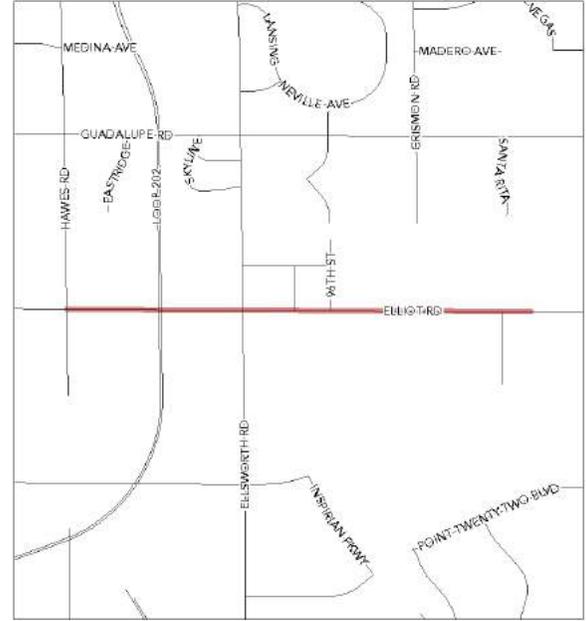
Water Lifecycle

Project Number and Name

CP0055 - Elliot Road Waterline; Signal Butte to Hawes Road

Project Description

Install a waterline for the new Signal Butte reservoir, pump station, ground water facilities and water treatment plant to provide water from both the Central Arizona Project canal and wells to the lower Falcon Field zone.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$15,034,283	\$15,034,283
Total	-	\$15,034,283	\$15,034,283

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$47,600	\$668,318	-	-	-	-	\$715,918
Construction	-	\$13,234,025	-	-	-	-	\$13,234,025
Design	\$952,000	-	-	-	-	-	\$952,000
Direct Expenses	-	\$132,340	-	-	-	-	\$132,340
Total	\$999,600	\$14,034,683	-	-	-	-	\$15,034,283

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

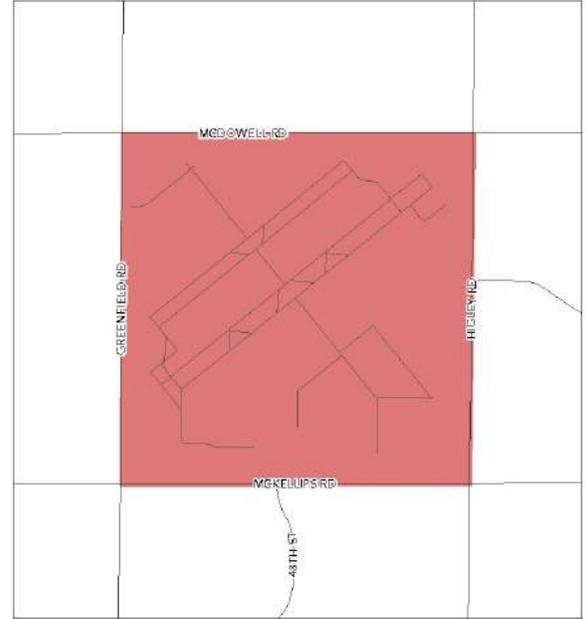
Water Lifecycle

Project Number and Name

CP0505 - Falcon Field Airport Improvements

Project Description

Coordinate replacement of aging water mains with street reconstruction at the Falcon Field Airport. Install water mains, and abandon in place aging ACP water mains.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$115,560	\$115,560
Water Bond Construction	-	\$663,239	\$663,239
Total	-	\$778,799	\$778,799

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$20,185	\$18,958	-	-	-	-	\$39,143
Construction	\$350,000	\$375,402	-	-	-	-	\$725,402
Direct Expenses	\$10,500	\$3,754	-	-	-	-	\$14,254
Total	\$380,685	\$398,114	-	-	-	-	\$778,799

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

CP0024 - Filter Underdrain Replacement at Brown Rd WTP

Project Description

Replace the aging finished water filter underdrain system at the Brown Road Water Treatment Plant (BRWTP).



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$370,856	\$16,953,348	\$17,324,204
Total	\$370,856	\$16,953,348	\$17,324,204

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$233,332	\$111,892	\$107,300	-	-	\$354,778	\$807,302
Construction	\$4,024,000	\$2,029,200	\$1,919,957	-	-	\$6,391,750	\$14,364,907
Design	\$602,400	\$188,357	\$206,840	-	-	\$639,893	\$1,637,490
Direct Expenses	\$40,240	\$20,292	\$19,200	-	-	\$63,917	\$143,649
Total	\$4,899,972	\$2,349,741	\$2,253,297	-	-	\$7,450,338	\$16,953,348

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0320 - Fire Hydrant Meters

Project Description

Purchase fire hydrant meters to ensure accurate measurement of construction water usage is captured to maintain water revenues. These improvements are planned over several fiscal years. This funds the purchase of Meters only.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$67,336	\$67,336
Total	-	\$67,336	\$67,336

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$500	\$507	\$517	-	-	\$1,683	\$3,207
Purchases	\$10,000	\$10,146	\$10,342	-	-	\$33,641	\$64,129
Total	\$10,500	\$10,653	\$10,859	-	-	\$35,324	\$67,336

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0323 - Fire Hydrant Replacement

Project Description

Replace existing hydrants that have either failed or reached the end of their lifecycle citywide.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$8,476	\$3,058,974	\$3,067,450
Total	\$8,476	\$3,058,974	\$3,067,450

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,938	\$19,214	\$19,586	\$19,975	-	\$67,954	\$145,667
Construction	\$375,000	\$380,475	\$387,825	\$395,535	-	\$1,345,628	\$2,884,463
Direct Expenses	\$3,750	\$3,805	\$3,878	\$3,955	-	\$13,456	\$28,844
Total	\$397,688	\$403,494	\$411,289	\$419,465	-	\$1,427,038	\$3,058,974

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0359 - Mag Meter Replacement at Remote Water Facilities

Project Description

Replace aging magnetic meters to be able to accurately meter water flow as required by Arizona Department of Water Resources, Salt River Project, and Central Arizona Project.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$3,146	\$283,917	\$287,063
Total	\$3,146	\$283,917	\$287,063

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$5,020	\$3,536	\$1,567	-	-	\$3,398	\$13,521
Construction	\$60,000	-	-	-	-	-	\$60,000
Direct Expenses	\$400	\$700	\$310	-	-	\$672	\$2,082
Purchases	\$40,000	\$70,007	\$31,026	-	-	\$67,281	\$208,314
Total	\$105,420	\$74,243	\$32,903	-	-	\$71,351	\$283,917

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

C10391 - Pressure Reducing Valve Station Replacements - Citywide

Project Description

Replace and improve aging Pressure Reducing Valve (PRV) stations to allow for better operation, maintenance, and reliability. The water system has 25 free standing PRVs which serve a variety of purposes.



Project Expenditures by Fund

City Wide

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$226,950	\$358,639	\$585,589
Total	\$226,950	\$358,639	\$585,589

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$14,027	-	-	-	-	-	\$14,027
Construction	\$317,803	-	-	-	-	-	\$317,803
Design	\$21,812	-	-	-	-	-	\$21,812
Direct Expenses	\$4,997	-	-	-	-	-	\$4,997
Total	\$358,639	-	-	-	-	-	\$358,639

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0361 - Pump Station Motor Replacements and Rehab

Project Description

Repair, rebuild or replace pumps, motors and variable-frequency drives (VFDs) within the City's booster pump stations.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,821,682	\$1,821,682
Total	-	\$1,821,682	\$1,821,682

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$12,625	\$12,809	\$13,057	-	-	\$48,255	\$86,746
Construction	\$250,000	\$253,650	\$258,550	-	-	\$955,558	\$1,717,758
Direct Expenses	\$2,500	\$2,537	\$2,586	-	-	\$9,555	\$17,178
Total	\$265,125	\$268,996	\$274,193	-	-	\$1,013,368	\$1,821,682

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

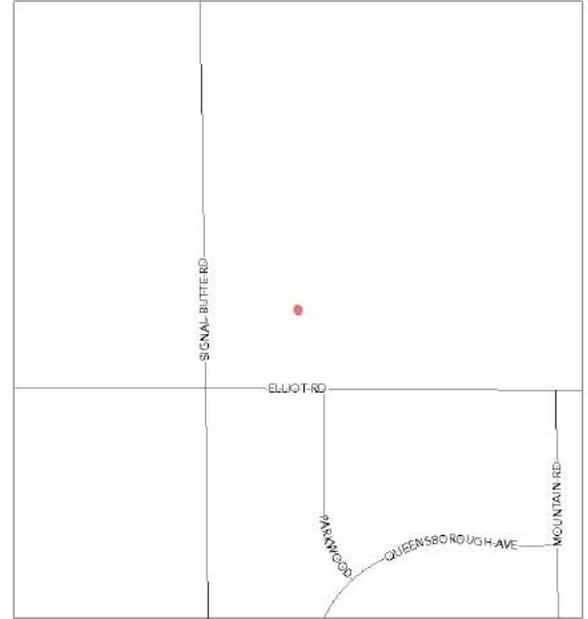
Water Lifecycle

Project Number and Name

CP0360 - Radio Communication Upgrade at Remote Water Facilities

Project Description

Replace aging radio communication facilities at Remote Water Facilities. Pumps, motors, and VFD's found to be failing or performing at substandard levels of efficiency must be repaired or replaced.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$550,948	\$550,948
Total	-	\$550,948	\$550,948

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,750	\$9,930	\$10,122	\$2,434	-	-	\$26,236
Construction	-	\$196,629	\$200,428	\$48,203	-	-	\$445,260
Design	\$75,000	-	-	-	-	-	\$75,000
Direct Expenses	-	\$1,966	\$2,004	\$482	-	-	\$4,452
Total	\$78,750	\$208,525	\$212,554	\$51,119	-	-	\$550,948

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

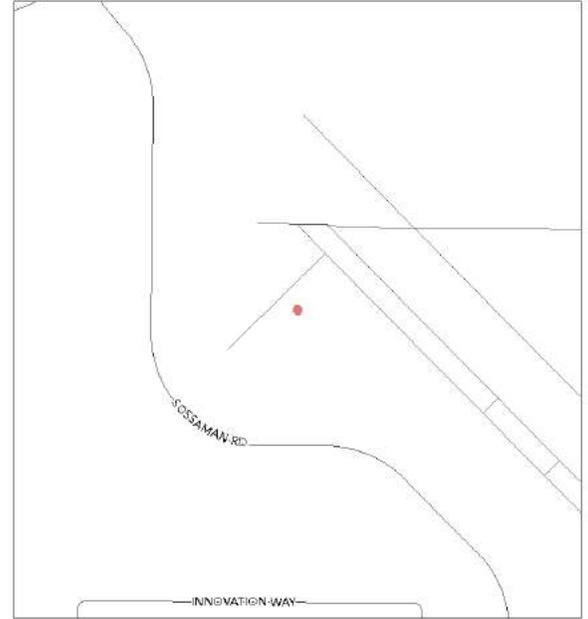
Water Lifecycle

Project Number and Name

CP0364 - Re-coat Fire Protection Reservoirs at Phx-Mesa Gateway

Project Description

Re-coat the exterior of three existing steel storage tanks that are used to store 1 million gallons of water for the fire protection system at the Phx-Mesa Gateway Airport.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$6,146	\$284,490	\$290,636
Total	\$6,146	\$284,490	\$290,636

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$13,593	-	-	-	-	-	\$13,593
Construction	\$250,000	-	-	-	-	-	\$250,000
Design	\$18,397	-	-	-	-	-	\$18,397
Direct Expenses	\$2,500	-	-	-	-	-	\$2,500
Total	\$284,490	-	-	-	-	-	\$284,490

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

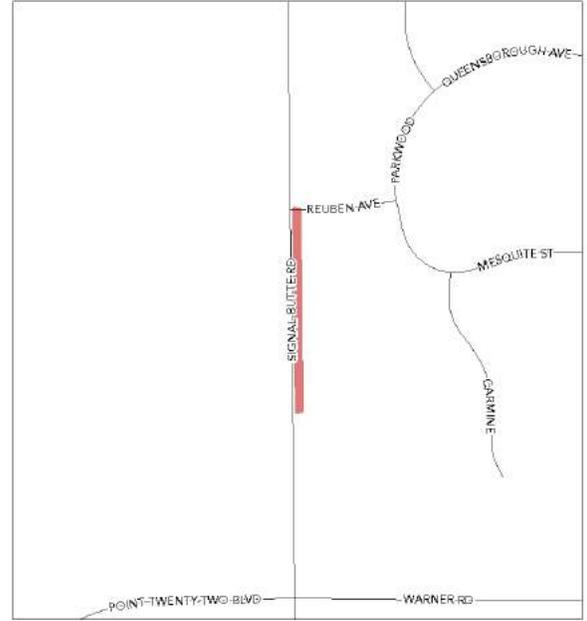
Water Lifecycle

Project Number and Name

C10394 - Signal Butte Well Collection Line-DW #18 to Reuban St

Project Description

Construct a well collection line along Signal Butte Road from Desert Well #18 north to the Signal Butte Reservoir. The line is sized to accommodate future simultaneous flow from Desert Wells #19 and #20, located south of Desert Well #18.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$1,353	\$606,566	\$607,919
Total	\$1,353	\$606,566	\$607,919

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$30,739	-	-	-	-	-	\$30,739
Construction	\$554,680	-	-	-	-	-	\$554,680
Design	\$15,600	-	-	-	-	-	\$15,600
Direct Expenses	\$5,547	-	-	-	-	-	\$5,547
Total	\$606,566	-	-	-	-	-	\$606,566

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

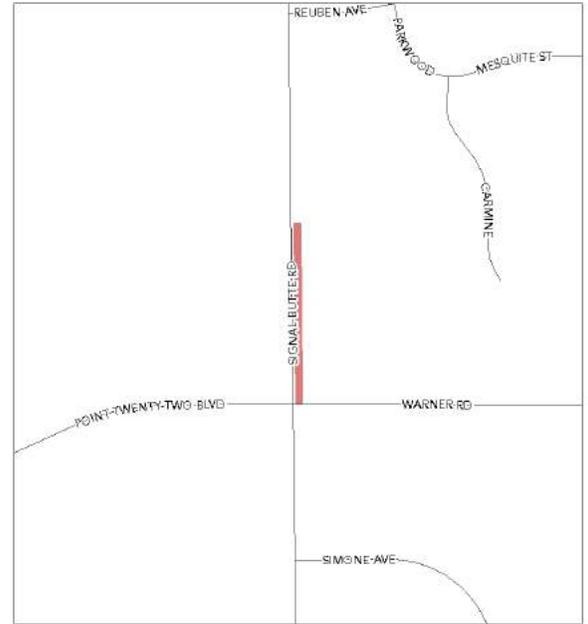
Water Lifecycle

Project Number and Name

C10400 - Signal Butte Well Collection Line - DW #18 to Warner

Project Description

Construct a well collection line along Signal Butte Road from Desert Well #18 south to Warner Road. The well collection line is sized to accommodate future simultaneous flow from Desert Wells #19 and #20.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$38,070	\$1,137,219	\$1,175,289
Total	\$38,070	\$1,137,219	\$1,175,289

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$54,154	-	-	-	-	-	\$54,154
Construction	\$993,757	-	-	-	-	-	\$993,757
Design	\$79,370	-	-	-	-	-	\$79,370
Direct Expenses	\$9,938	-	-	-	-	-	\$9,938
Total	\$1,137,219	-	-	-	-	-	\$1,137,219

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

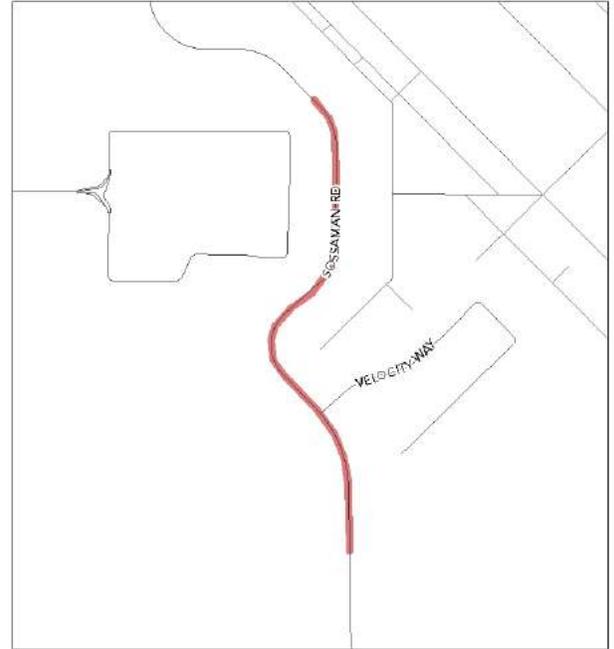
Water Lifecycle

Project Number and Name

C09013 - Sossaman Rd Waterline: Pecos to North of Williams Field Road

Project Description

Remove PRV's and replace connection lines making the 16-inch line hydraulically continuous with the rest of the system. The new waterline was constructed in Sossaman Road in the Gateway area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$1,990,556	\$4,224,101	\$6,214,657
Total	\$1,990,556	\$4,224,101	\$6,214,657

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$202,914	-	-	-	-	-	\$202,914
Construction	\$4,021,187	-	-	-	-	-	\$4,021,187
Total	\$4,224,101	-	-	-	-	-	\$4,224,101

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

C10279 - Upper Zone Reliability Improvements - Pump Station Upgrades

Project Description

Improvements need to be made to selected upper zone pump stations where the impact of failure was judged to be unsustainable or unable to be readily rectified to provide reliable service for the upper service zones.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$2,151,322	\$267,934	\$2,419,256
Total	\$2,151,322	\$267,934	\$2,419,256

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$14,203	-	-	-	-	-	\$14,203
Construction	\$253,731	-	-	-	-	-	\$253,731
Total	\$267,934	-	-	-	-	-	\$267,934

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0136 - Water Asset Management System

Project Description

Implement a water asset management system. This system will provide accurate and efficient methods to track condition assessment, repair, replacement and maintenance history of wells, pumps, motors, electrical components and reservoirs.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$233,424	\$7,613,324	\$7,846,748
Total	\$233,424	\$7,613,324	\$7,846,748

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$56,050	\$56,868	\$57,967	\$59,119	-	\$132,535	\$362,539
Construction	\$1,000,000	\$1,014,600	\$1,034,200	\$1,054,760	-	\$2,254,735	\$6,358,295
Direct Expenses	\$10,000	\$10,146	\$10,342	\$10,548	-	\$22,548	\$63,584
Purchases	\$111,000	\$112,621	\$114,796	\$117,078	-	\$373,411	\$828,906
Total	\$1,177,050	\$1,194,235	\$1,217,305	\$1,241,505	-	\$2,783,229	\$7,613,324

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0321 - Water Extensions and Oversized Mains

Project Description

Funding for developers if they are required to oversize or extend a water main above that which is needed to serve their development. For waterlines larger than 16" they can apply for City Share to fund the difference in price for the oversizing.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$470,722	\$1,360,169	\$1,830,891
Total	\$470,722	\$1,360,169	\$1,830,891

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,100	\$10,247	\$10,445	-	-	\$33,977	\$64,769
Construction	\$200,000	\$202,920	\$206,840	-	-	\$672,814	\$1,282,574
Direct Expenses	\$2,000	\$2,029	\$2,068	-	-	\$6,729	\$12,826
Total	\$212,100	\$215,196	\$219,353	-	-	\$713,520	\$1,360,169

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C10450 - Water Facility Security Enhancements

Project Description

Install security measures at remote water facilities. Focus on critical facilities, representative types of security include signage, perimeter hardening and monitoring, alarming, cameras, and entrance control/locks.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$51,425	\$101,077	\$152,502
Total	\$51,425	\$101,077	\$152,502

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,200	\$1,613	-	-	-	-	\$4,813
Purchases	\$64,000	\$32,264	-	-	-	-	\$96,264
Total	\$67,200	\$33,877	-	-	-	-	\$101,077

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0133 - Water Master Plan Update

Project Description

Update the Water Master Plan, including policies and regulation changes. Due to rapid City growth, the current Water Master Plan is outdated. These updates are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$1,722	\$577,543	\$579,265
Total	\$1,722	\$577,543	\$579,265

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	-	-	\$13,185	-	\$14,318	\$27,503
Design	-	-	-	\$263,690	-	\$286,350	\$550,040
Total	-	-	-	\$276,875	-	\$300,668	\$577,543

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0325 - Water Meter Replacements

Project Description

Purchase new or replacement water meters to ensure accurate measurement of water usage by customers.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$411,033	\$5,263,799	\$5,674,832
Total	\$411,033	\$5,263,799	\$5,674,832

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$36,500	\$38,048	\$39,817	-	-	\$136,293	\$250,658
Purchases	\$730,000	\$760,950	\$796,334	-	-	\$2,725,857	\$5,013,141
Total	\$766,500	\$798,998	\$836,151	-	-	\$2,862,150	\$5,263,799

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0322 - Water Meter Vault Rehabilitation

Project Description

Funds the purchase and installation of one new horizontal pump and motor at Transfer Station No. 2. This capacity is needed to convey SRP water from the Val Vista WTP to the Brown RD WTP during CAP dry-ups.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$826,753	\$6,132,565	\$6,959,318
Total	\$826,753	\$6,132,565	\$6,959,318

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$47,230	\$45,885	\$46,772	-	-	\$152,141	\$292,028
Construction	\$490,095	\$456,570	\$465,390	-	-	\$1,513,832	\$2,925,887
Design	\$200,000	\$202,920	\$206,840	-	-	\$672,814	\$1,282,574
Direct Expenses	\$4,500	\$4,566	\$4,654	-	-	\$15,138	\$28,858
Purchases	\$250,000	\$253,650	\$258,550	-	-	\$841,018	\$1,603,218
Total	\$991,825	\$963,591	\$982,206	-	-	\$3,194,943	\$6,132,565

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

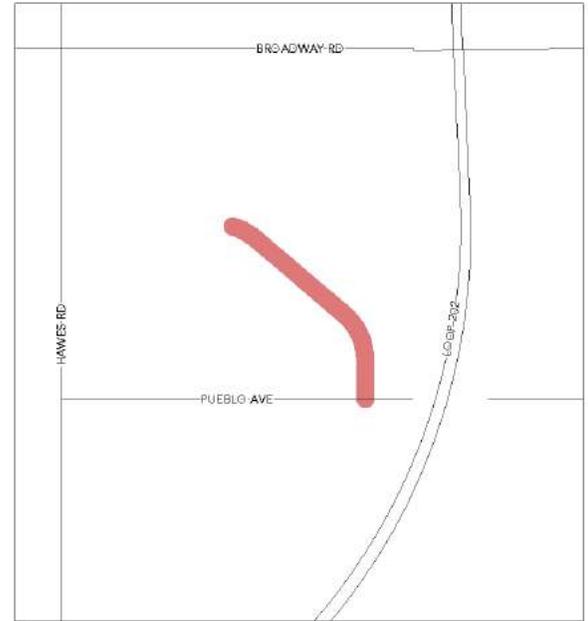
Water Lifecycle

Project Number and Name

CP0319 - Water Services Extension and Replacements

Project Description

Extend or replace water services from the water main up to the meter citywide.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$50,229	\$1,360,169	\$1,410,398
Total	\$50,229	\$1,360,169	\$1,410,398

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$10,100	\$10,247	\$10,445	-	-	\$33,977	\$64,769
Construction	\$200,000	\$202,920	\$206,840	-	-	\$672,814	\$1,282,574
Direct Expenses	\$2,000	\$2,029	\$2,068	-	-	\$6,729	\$12,826
Total	\$212,100	\$215,196	\$219,353	-	-	\$713,520	\$1,360,169

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

CP0033 - Water System Aging Main Rehabilitation and Repairs

Project Description

Repair and/or replace aging water mains. This work ensures the operational intergrity of the water system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$1,512	\$379,091	\$380,603
Total	\$1,512	\$379,091	\$380,603

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$18,052	-	-	-	-	-	\$18,052
Construction	\$361,039	-	-	-	-	-	\$361,039
Total	\$379,091	-	-	-	-	-	\$379,091

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

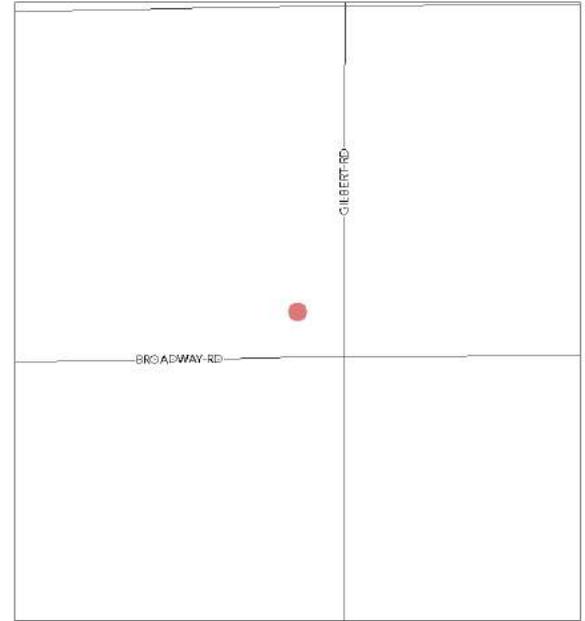
Water Lifecycle

Project Number and Name

CP0318 - Water System Aging Main Rehab and Repairs

Project Description

Replace aging water mains with a history of leaks and/or breaks.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$897,122	\$5,612,995	\$6,510,117
Total	\$897,122	\$5,612,995	\$6,510,117

LEGEND

PROJECT LOCATION



Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$27,221	\$49,878	-	-	-	\$190,191	\$267,290
Construction	\$543,433	\$987,678	-	-	-	\$3,766,146	\$5,297,257
Direct Expenses	\$909	\$9,877	-	-	-	\$37,662	\$48,448
Total	\$571,563	\$1,047,433	-	-	-	\$3,993,999	\$5,612,995

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

CP0023 - Water Transmission Main Replacements

Project Description

Replace aging, critical water transmission mains that convey water from the Pasadena Pump Station to the central City Zone service area. Install new water transmission mains along 3rd St., 6th St. and Sirrine St.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$331,496	\$331,496
Water Bond Construction	-	\$4,869,564	\$4,869,564
Total	-	\$5,201,060	\$5,201,060

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$21,415	\$235,024	-	-	-	\$256,439
Construction	-	-	\$4,480,809	-	-	-	\$4,480,809
Design	-	\$421,653	-	-	-	-	\$421,653
Direct Expenses	-	\$11	\$42,148	-	-	-	\$42,159
Total	-	\$443,079	\$4,757,981	-	-	-	\$5,201,060

**Utilities Major Program Detail
Fiscal Years FY 15/16 - FY 19/20**

Water Lifecycle

Project Number and Name

CP0324 - Water Valve Replacement

Project Description

Replace water valves that are beyond their useful life to ensure operations of the water distribution system. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$119,152	\$2,771,799	\$2,890,951
Total	\$119,152	\$2,771,799	\$2,890,951

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$17,675	\$17,933	\$18,279	\$18,643	-	\$59,460	\$131,990
Construction	\$350,000	\$355,110	\$361,970	\$369,166	-	\$1,177,425	\$2,613,671
Direct Expenses	\$3,500	\$3,551	\$3,620	\$3,692	-	\$11,775	\$26,138
Total	\$371,175	\$376,594	\$383,869	\$391,501	-	\$1,248,660	\$2,771,799

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

Water Lifecycle

Project Number and Name

C10593 - Waterline Replacement QS39C

Project Description

Install water mains, and abandon ACP water main. Includes related appurtenances such as valves, hydrants and service lines.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,993,014	\$1,993,014
Total	-	\$1,993,014	\$1,993,014

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	-	\$94,906	-	-	-	-	\$94,906
Construction	-	\$1,879,315	-	-	-	-	\$1,879,315
Direct Expenses	-	\$18,793	-	-	-	-	\$18,793
Total	-	\$1,993,014	-	-	-	-	\$1,993,014

Utilities Major Program Detail Fiscal Years FY 15/16 - FY 19/20

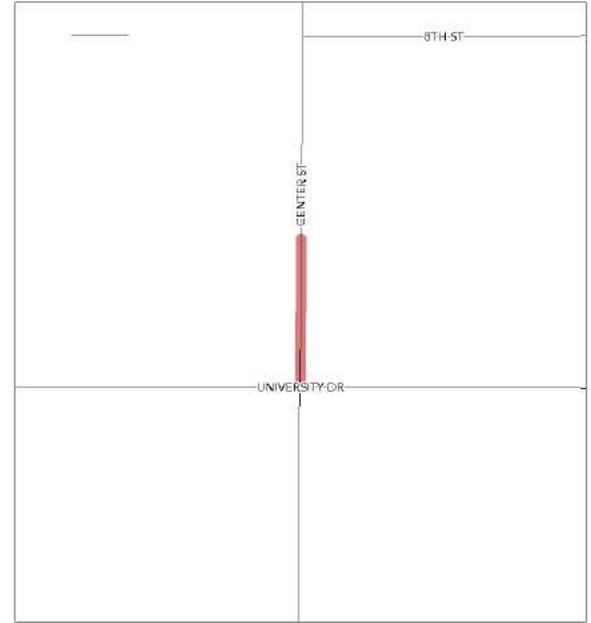
Water Lifecycle

Project Number and Name

C10414 - Waterline Replacement: Center Street

Project Description

Install water mains. Includes related appurtenances such as valves, hydrants and service lines. Area was identified as unable to meet fire flow requirements due to small line sizes and lack of fire hydrants as waterlines are in the alleys.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 14/15	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$156,420	\$156,420
Water Bond Construction	-	\$690,790	\$690,790
Total	-	\$847,210	\$847,210

Project Expenditures by Phase and Year - Capital

Phase	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Future Years	Totals
CIP Administration	\$3,791	\$39,338	-	-	-	-	\$43,129
Construction	-	\$717,376	-	-	-	-	\$717,376
Design	\$70,858	-	-	-	-	-	\$70,858
Direct Expenses	-	\$15,847	-	-	-	-	\$15,847
Total	\$74,649	\$772,561	-	-	-	-	\$847,210



City of Mesa

Five-Year Capital Improvement Program
FY 2016 - 2020

UTILITIES PROJECTS

- Projects
- Canal
- Council District 1
- Council District 2
- Council District 3
- Council District 4
- Council District 5
- Council District 6

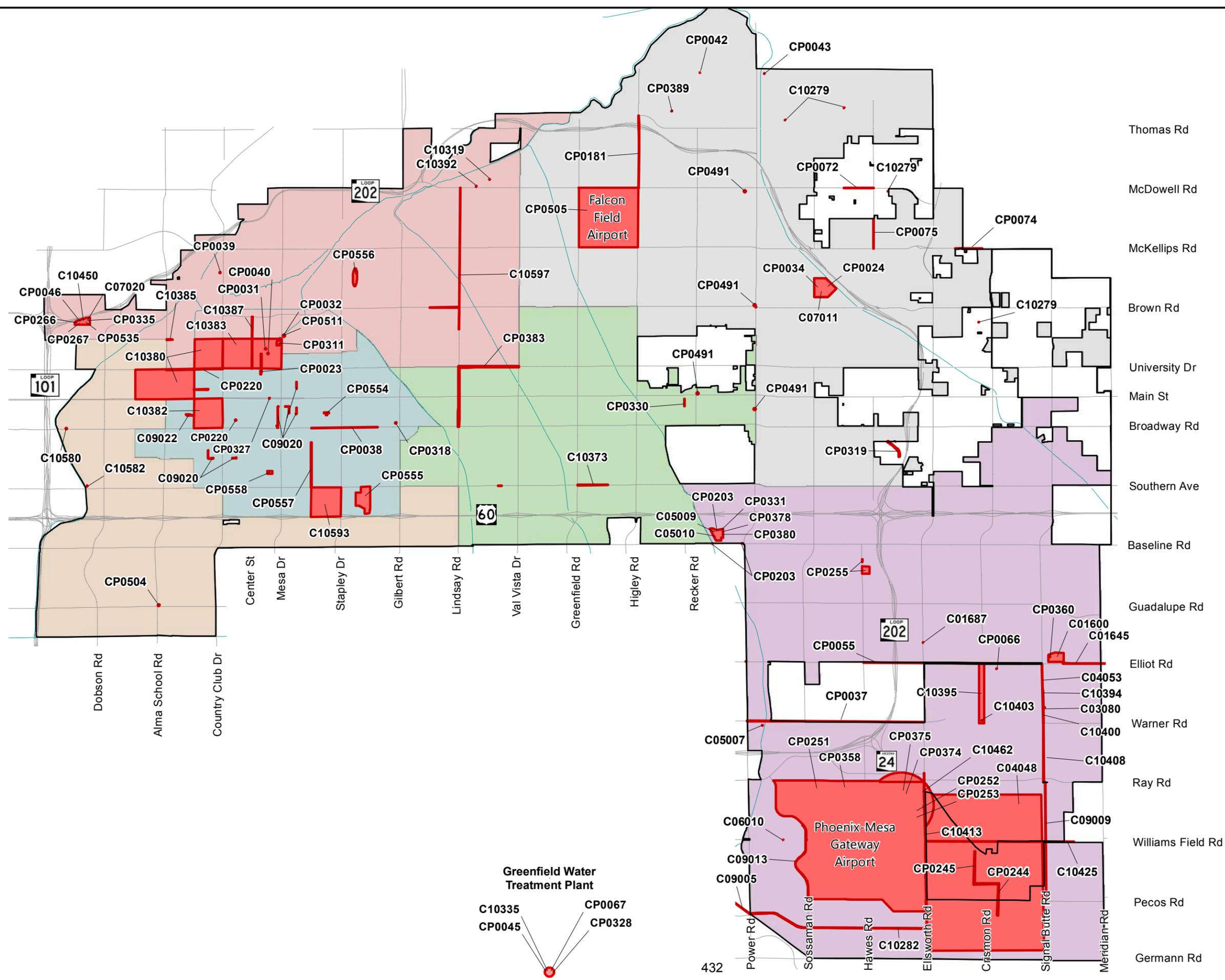
Citywide, External or Location TBD Projects

C09023	CP0155	CP0141	CP0320
C09024	C10388	CP0349	CP0321
CP0080	CP0071	CP0143	CP0322
CP0080	CP0151	CP0148	CP0323
CP0081	CP0154	CP0385	CP0324
CP0082	CP0156	CP0386	CP0325
CP0534	CP0310	C09011	CP0361
C01886	CP0480	CP0133	
C01886	CP0481	CP0136	



MAP CREATION DATE: 12/10/2015
MAP CREATED BY: Engineering-GIS

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Greenfield Water Treatment Plant

C10335 CP0045 CP0067 CP0328



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